

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056867.D
 Acq On : 22 Jul 2019 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:01:55 PM

Quant Time: Jul 23 03:33:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	346509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	524756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	190298	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	7.59	113	170415	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.09	98	653012	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.40	95	217278	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	212096	50.081	ug/l	99
3) Chloromethane	2.06	50	237384	49.087	ug/l	98
4) Vinyl Chloride	2.18	62	226763	51.043	ug/l	100
5) Bromomethane	2.55	94	127928	47.342	ug/l	98
6) Chloroethane	2.70	64	122040	50.128	ug/l	99
7) Trichlorofluoromethane	3.01	101	269165	49.593	ug/l	99
8) Diethyl Ether	3.41	74	100954	49.920	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	167300	49.843	ug/l	99
10) Methyl Iodide	3.94	142	248259	52.609	ug/l	99
11) Tert butyl alcohol	4.81	59	147229	280.414	ug/l	98
12) 1,1-Dichloroethene	3.73	96	167789	49.898	ug/l	97
13) Acrolein	3.60	56	107394	245.830	ug/l	99
14) Allyl chloride	4.31	41	279655	50.586	ug/l	99
15) Acrylonitrile	4.99	53	421352	266.700	ug/l	99
16) Acetone	3.82	43	313942	235.874	ug/l	99
17) Carbon Disulfide	4.04	76	451125	49.153	ug/l	99
18) Methyl Acetate	4.33	43	237724	54.666	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	509869	51.322	ug/l	98
20) Methylene Chloride	4.54	84	193294	48.569	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	176975	50.384	ug/l	96
22) Diisopropyl ether	5.96	45	579936	51.889	ug/l	99
23) Vinyl Acetate	5.90	43	2123531	263.031	ug/l	100
24) 1,1-Dichloroethane	5.84	63	329567	50.896	ug/l	100
25) 2-Butanone	6.84	43	520238	265.921	ug/l	99
26) 2,2-Dichloropropane	6.82	77	215604	47.584	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	204320	50.739	ug/l	99
28) Bromochloromethane	7.19	49	150230	51.111	ug/l	99
29) Tetrahydrofuran	7.22	42	359503	267.272	ug/l	100
30) Chloroform	7.37	83	324737	50.026	ug/l	98
31) Cyclohexane	7.65	56	308809	49.155	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	270119	51.437	ug/l	100
36) 1,1-Dichloropropene	7.79	75	243860	50.392	ug/l	99
37) Ethyl Acetate	6.93	43	214541	54.975	ug/l	99
38) Carbon Tetrachloride	7.77	117	233260	50.634	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	306167	50.559	ug/l	99
40) Benzene	8.04	78	764010	50.826	ug/l	100
41) Methacrylonitrile	7.18	41	93565	48.288	ug/l	92
42) 1,2-Dichloroethane	8.12	62	238924	50.869	ug/l	100
43) Isopropyl Acetate	8.17	43	350888	52.302	ug/l	99
44) Trichloroethene	8.83	130	203867	50.638	ug/l	99
45) 1,2-Dichloropropane	9.12	63	205871	50.839	ug/l	100
46) Dibromomethane	9.21	93	128371	51.359	ug/l	99
47) Bromodichloromethane	9.40	83	246286	52.396	ug/l	96
48) Methyl methacrylate	9.20	41	177784	52.973	ug/l	100
49) 1,4-Dioxane	9.20	88	70434	1069.920	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1076037	268.965	ug/l	99
52) Toluene	10.15	92	470269	51.989	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	257426	53.361	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	296868	52.197	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	183898	51.221	ug/l	99
56) Ethyl methacrylate	10.43	69	275597	55.296	ug/l	97
57) 1,3-Dichloropropane	10.71	76	308223	51.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	573373	244.464	ug/l	100
59) 2-Hexanone	10.75	43	756609	273.221	ug/l	100
60) Dibromochloromethane	10.90	129	193211	53.630	ug/l	99
61) 1,2-Dibromoethane	11.00	107	188999	53.005	ug/l	99
64) Tetrachloroethene	10.63	164	211063	52.616	ug/l	99
65) Chlorobenzene	11.43	112	498798	51.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	187564	51.201	ug/l	99
67) Ethyl Benzene	11.51	91	878567	52.375	ug/l	99
68) m/p-Xylenes	11.62	106	659640	105.040	ug/l	99
69) o-Xylene	11.95	106	321818	52.495	ug/l	98
70) Styrene	11.96	104	542382	50.414	ug/l	100
71) Bromoform	12.12	173	137054	53.988	ug/l #	98
73) Isopropylbenzene	12.25	105	860784	55.170	ug/l	100
74) N-amyl acetate	12.07	43	301061	49.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	243833	54.653	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	210948m	49.181	ug/l	
77) Bromobenzene	12.53	156	223367	49.478	ug/l	99
78) n-propylbenzene	12.59	91	948016	49.834	ug/l	99
79) 2-Chlorotoluene	12.67	91	560957	53.872	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	718196	54.373	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	70485	52.632	ug/l	99
82) 4-Chlorotoluene	12.77	91	548711	48.481	ug/l	99
83) tert-Butylbenzene	12.99	119	614245	53.594	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	711824	49.644	ug/l	99
85) sec-Butylbenzene	13.17	105	809733	48.056	ug/l	99
86) p-Isopropyltoluene	13.29	119	729234	48.581	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	360232	49.780	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	348637	49.592	ug/l	99
89) n-Butylbenzene	13.61	91	591620	51.262	ug/l	100
90) Hexachloroethane	13.87	117	123716	47.207	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	355393	48.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38475	48.585	ug/l	98

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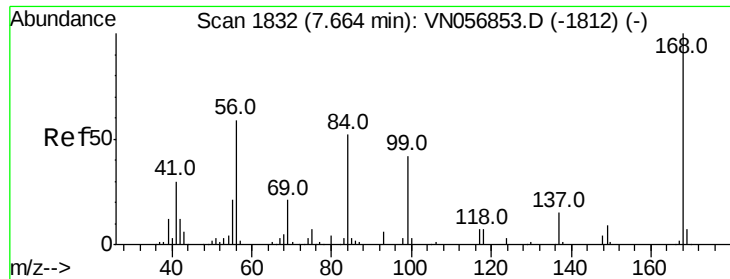
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	172569	44.625	ug/l	99
94) Hexachlorobutadiene	15.01	225	125736	51.935	ug/l	99
95) Naphthalene	15.13	128	459372	45.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	185330	46.603	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 346509

Ion Ratio Lower Upper

168 100

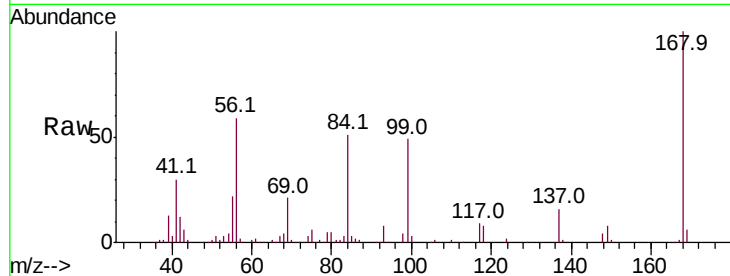
99 49.0 40.9 61.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN056853.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN056853.D (-1812) (-)

7.66

150000

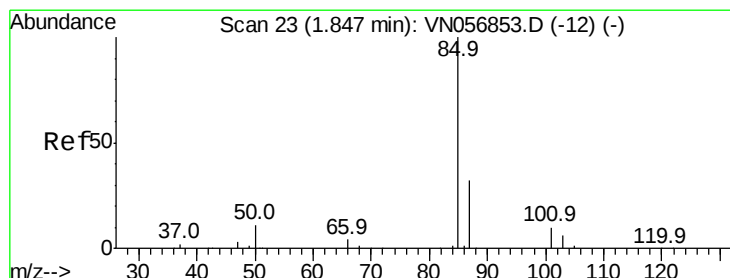
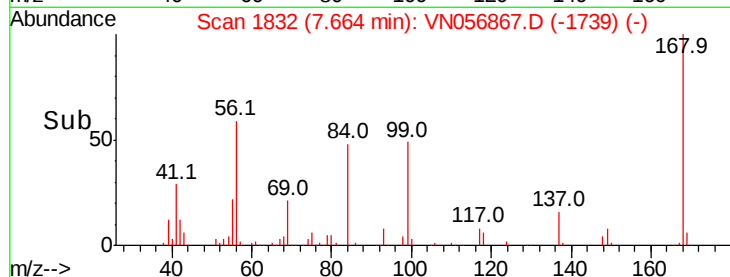
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.081 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056867.D

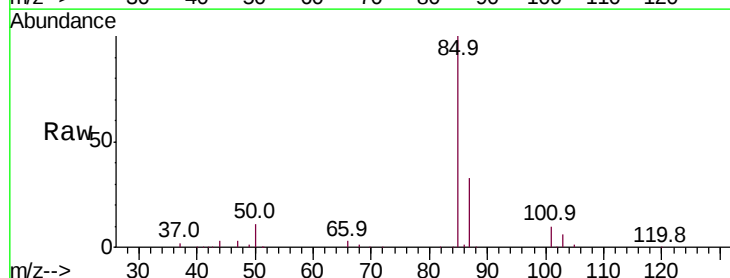
Acq: 22 Jul 2019 20:37

Tgt Ion: 85 Resp: 212096

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056853.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN056853.D (-12) (-)

1.85

150000

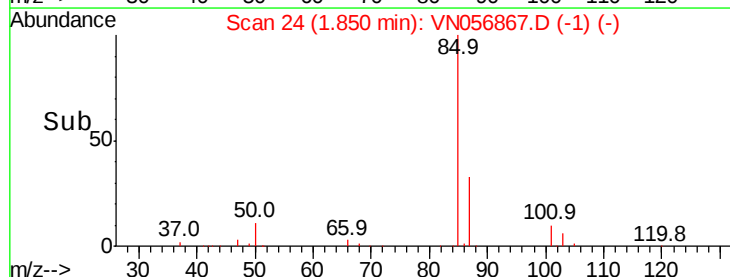
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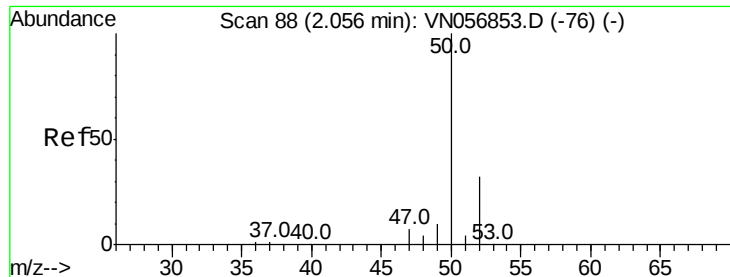
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 49.087 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 237384

Ion Ratio Lower Upper

50 100

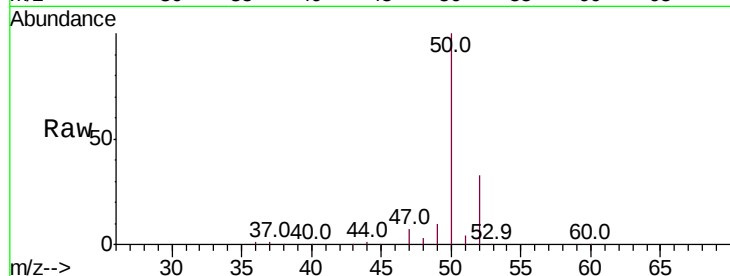
52 33.3 25.9 38.9

Manual Integrations

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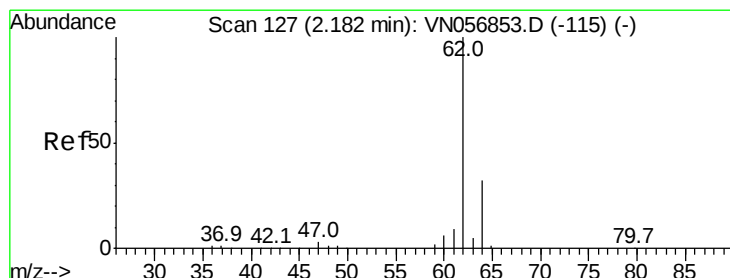
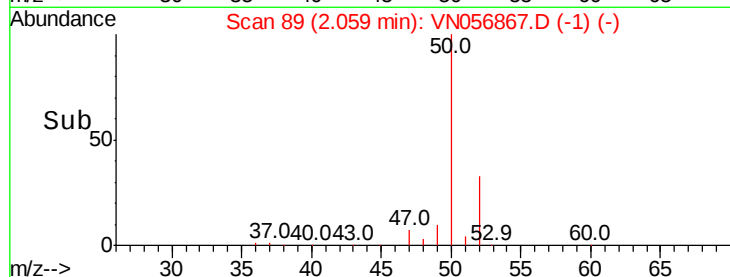
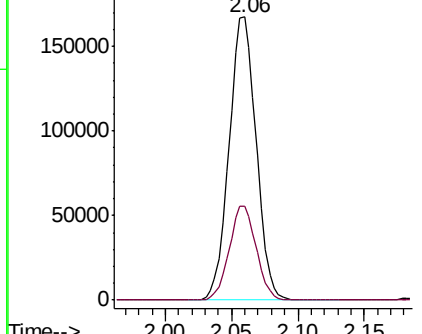
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 51.043 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056867.D

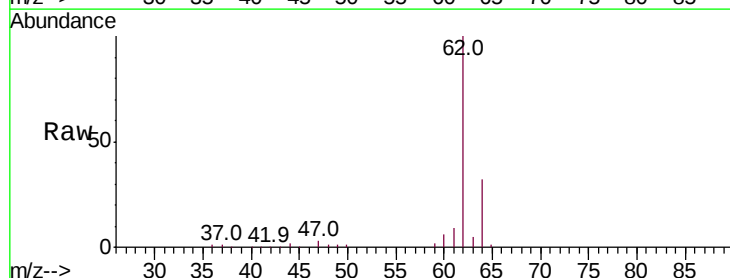
Acq: 22 Jul 2019 20:37

Tgt Ion: 62 Resp: 226763

Ion Ratio Lower Upper

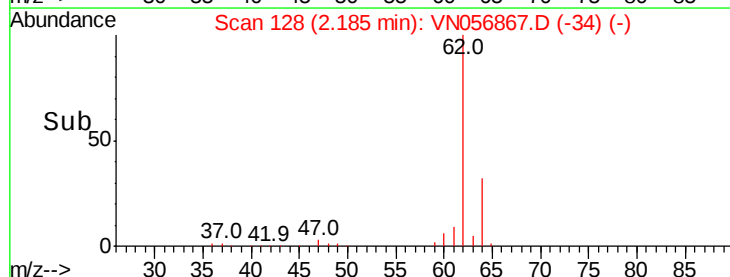
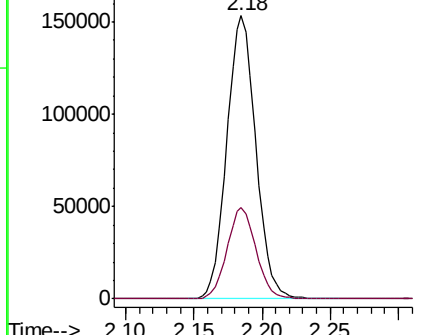
62 100

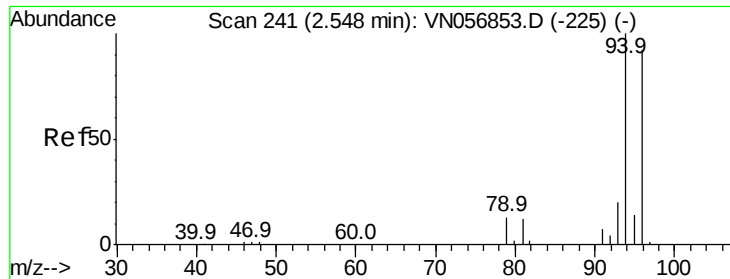
64 32.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





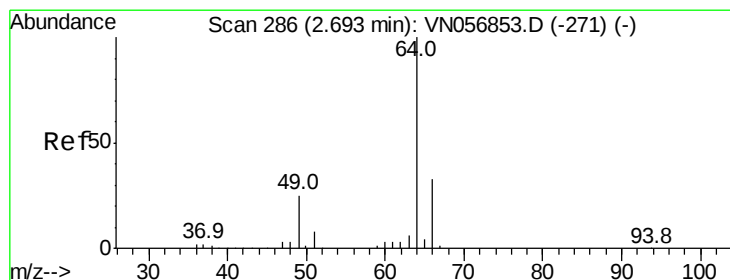
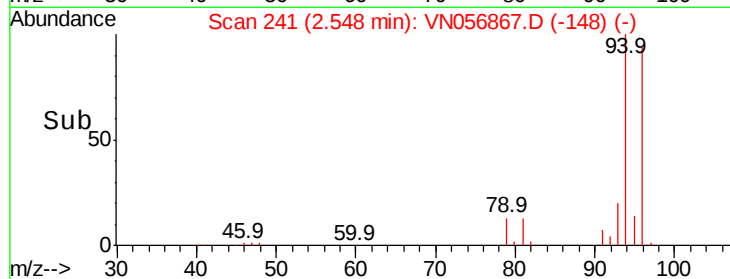
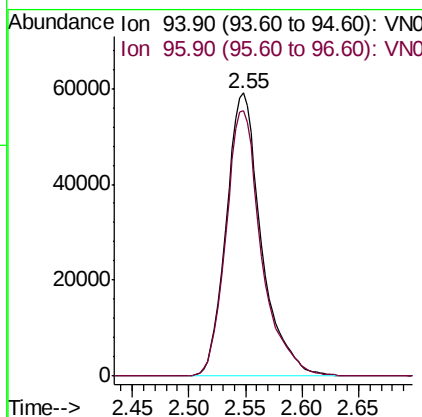
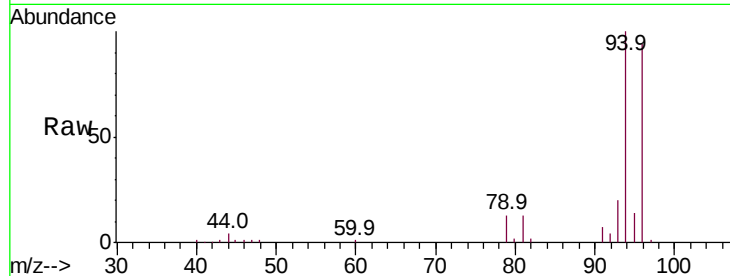
#5
Bromomethane
Concen: 47.342 ug/l
RT: 2.55 min Scan# 241
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

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Tot Ion	94	Resp	127928
Ion Ratio	100	Lower	Upper
96	93.9	73.6	110.4

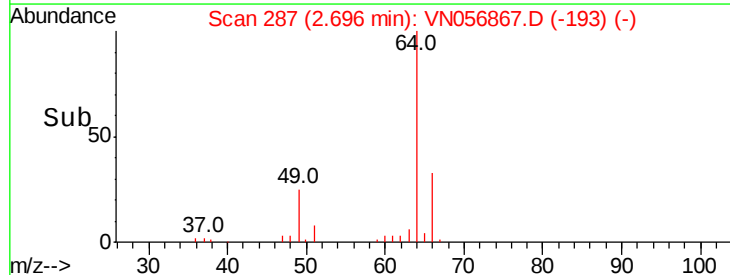
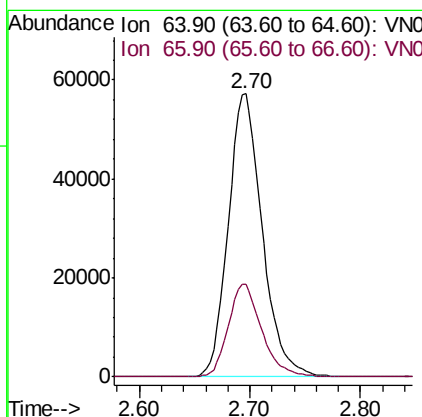
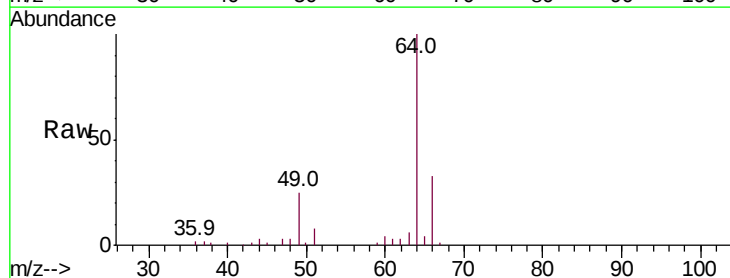
Manual Integrations
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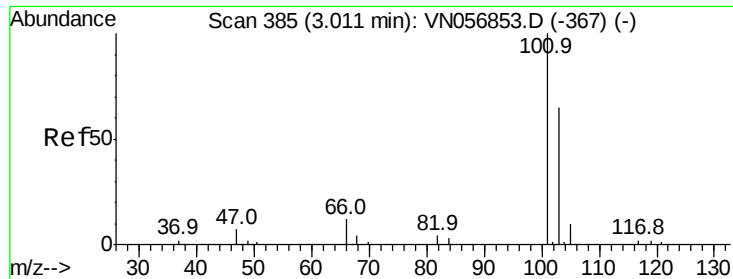
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#6
Chloroethane
Concen: 50.128 ug/l
RT: 2.70 min Scan# 287
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	64	Resp	122040
Ion Ratio	100	Lower	Upper
66	32.7	26.4	39.6





#7

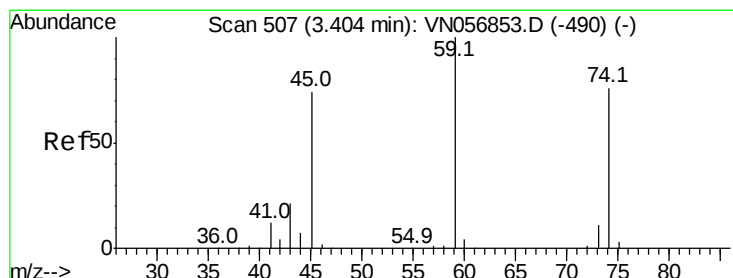
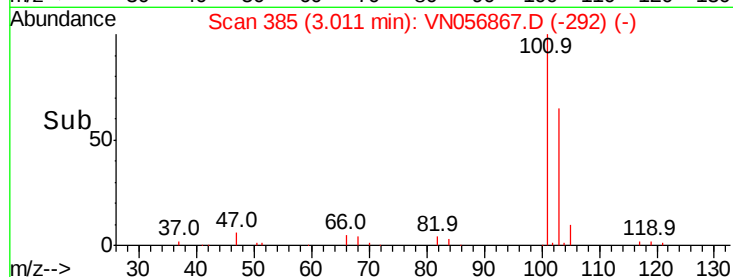
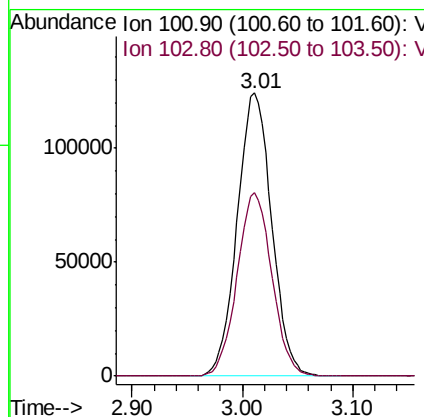
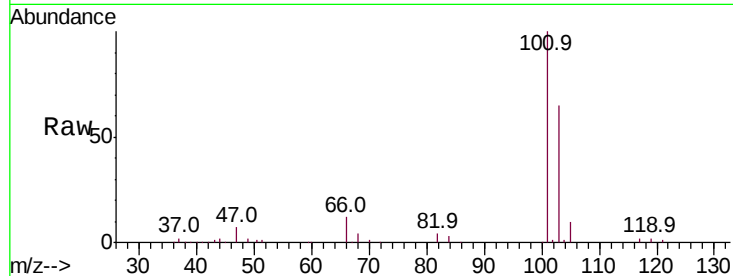
Trichlorofluoromethane
 Concen: 49.593 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

Manual Integrations
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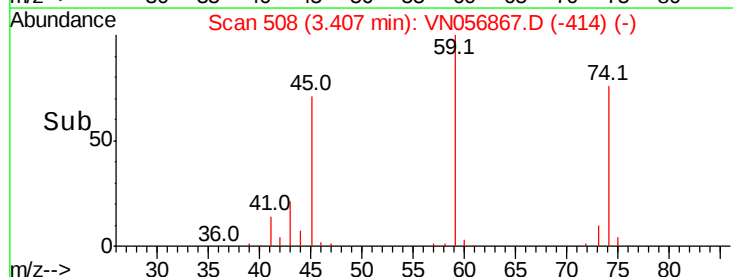
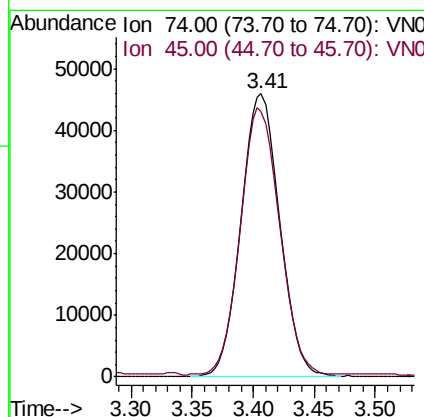
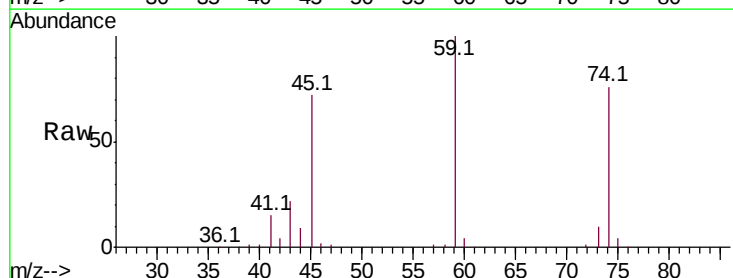
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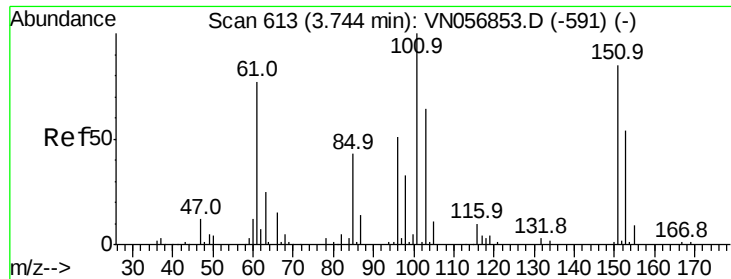


#8

Diethyl Ether
 Concen: 49.920 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.843 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

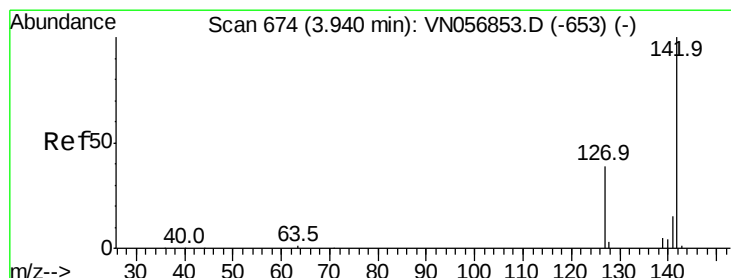
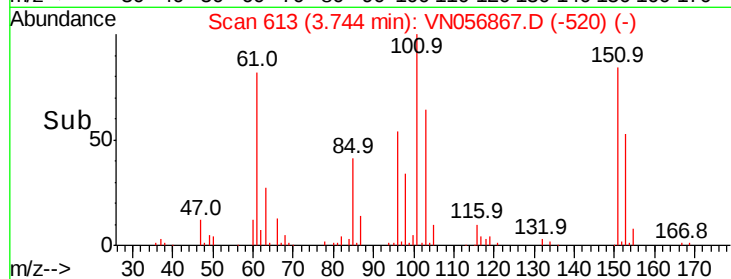
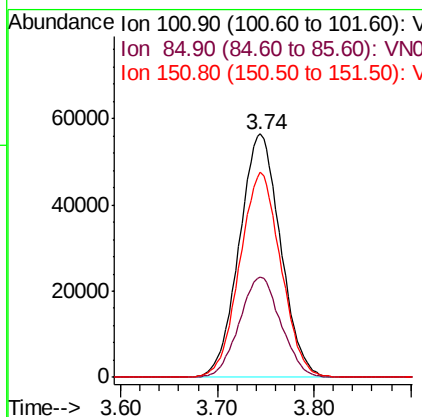
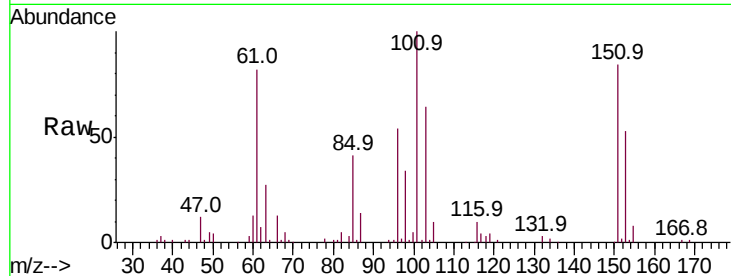
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	167300
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.7	50.5
151	84.0	68.1	102.1

Manual Integrations
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#10

Methyl Iodide

Concen: 52.609 ug/l

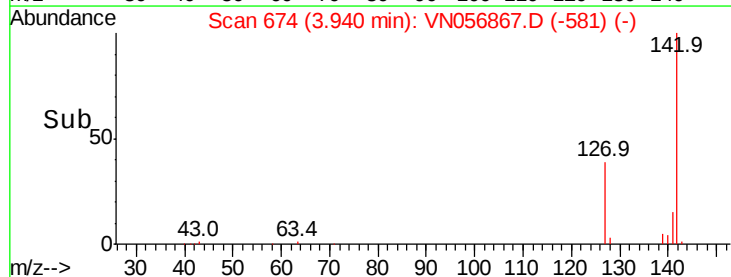
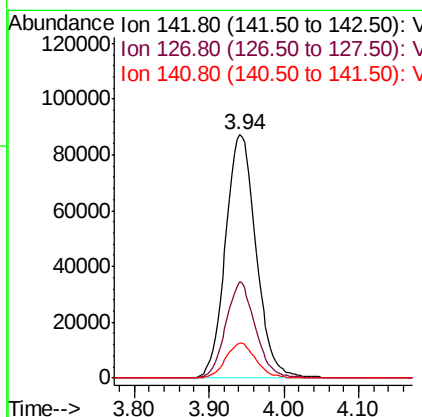
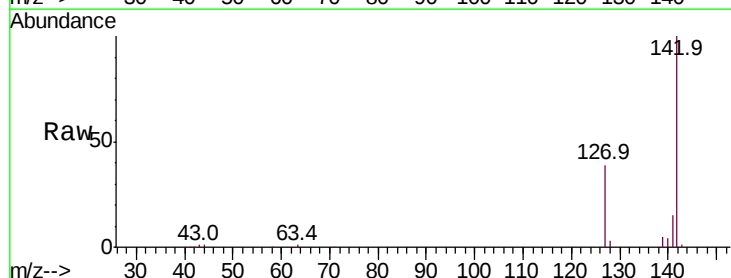
RT: 3.94 min Scan# 674

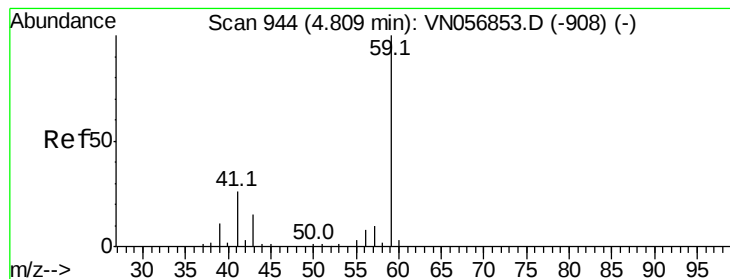
Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Tgt Ion:	142	Resp:	248259
Ion Ratio	Lower	Upper	
142	100		
127	38.2	31.2	46.8
141	14.2	11.4	17.2





#11

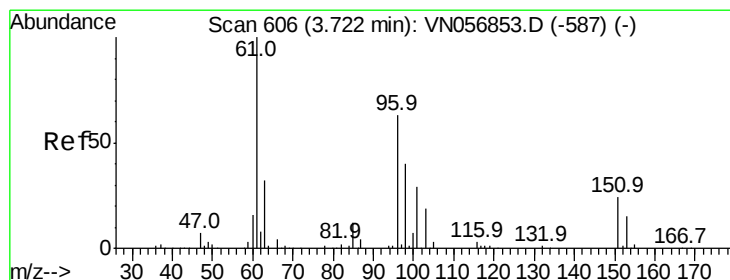
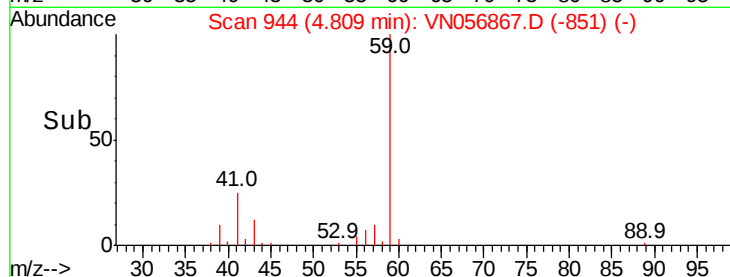
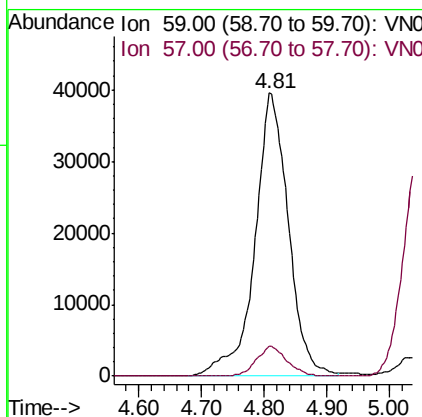
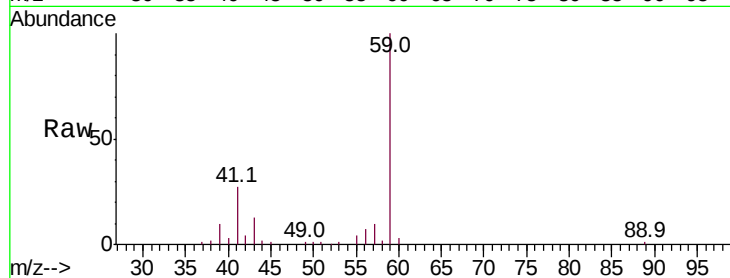
Tert butyl alcohol
 Concen: 280.414 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	147229
Ion Ratio	100	Lower	Upper
57	9.5	8.2	12.4

Manual Integrations
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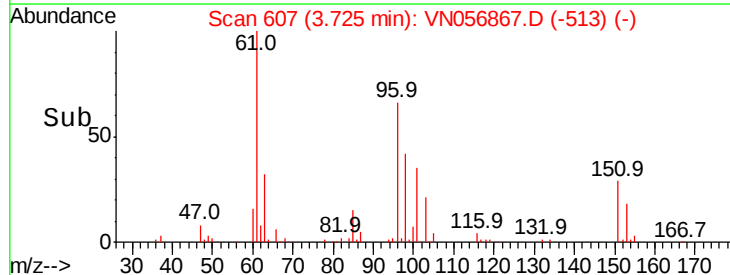
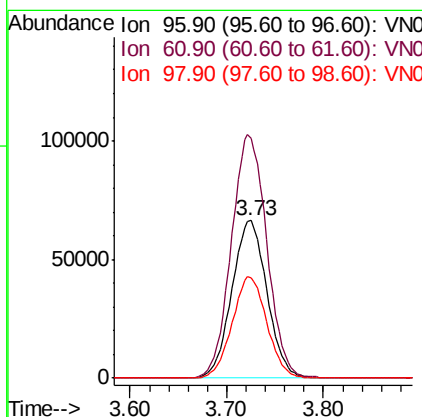
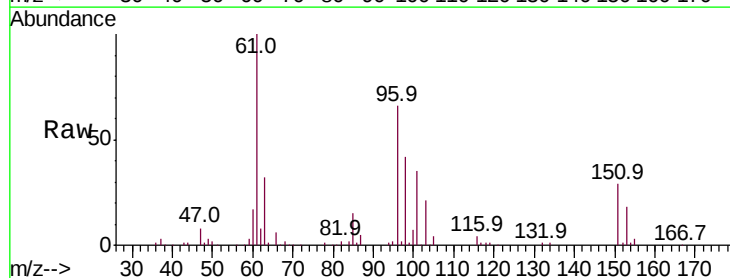
MMDadoda
 7/25/2019 3:01:55 PM

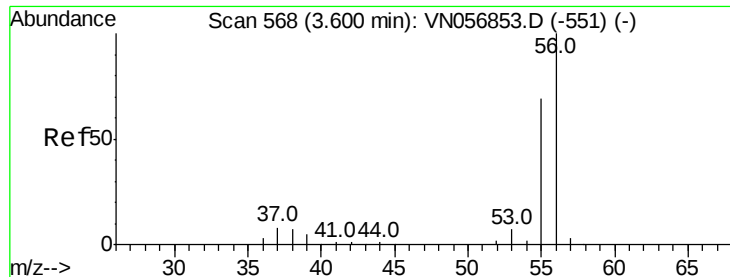


#12

1,1-Dichloroethene
 Concen: 49.898 ug/l
 RT: 3.73 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion	96	Resp	167789
Ion Ratio	100	Lower	Upper
61	152.3	126.3	189.5
98	63.9	51.0	76.4





#13

Acrolein

Concen: 245.830 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 107394

Ion Ratio Lower Upper

56 100

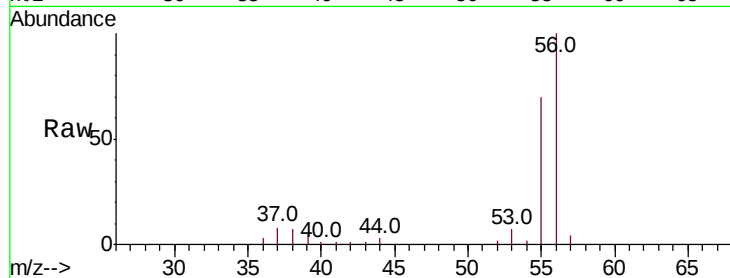
55 71.4 56.2 84.4

Manual Integrations

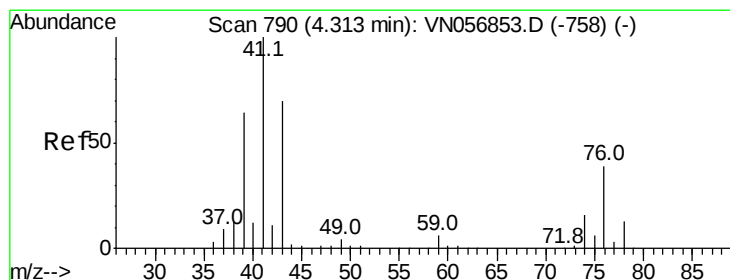
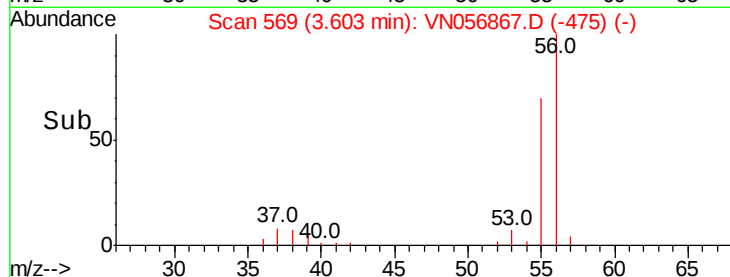
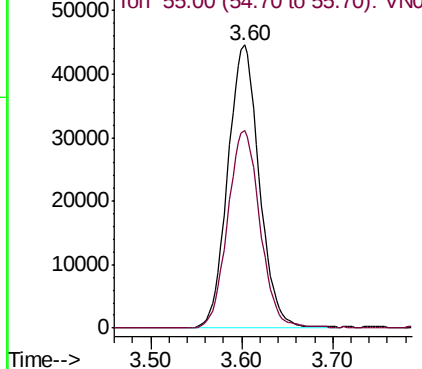
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Abundance Ion 56.00 (55.70 to 56.70): VN056867.D (-475) (-)



#14

Allyl chloride

Concen: 50.586 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

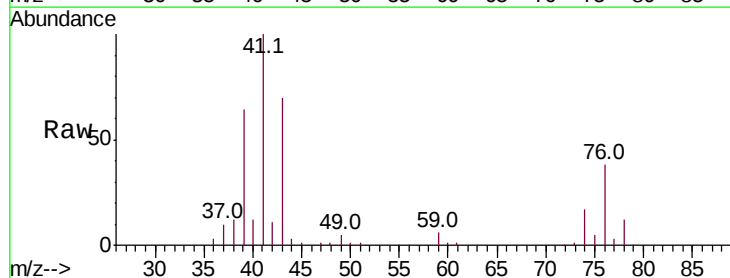
Tgt Ion: 41 Resp: 279655

Ion Ratio Lower Upper

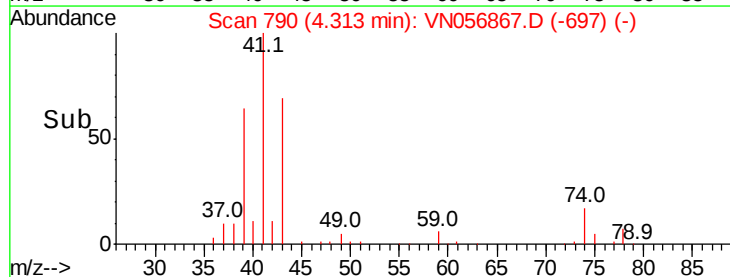
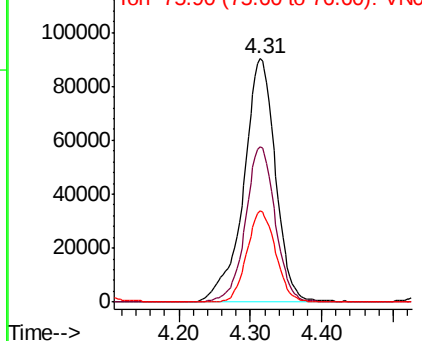
41 100

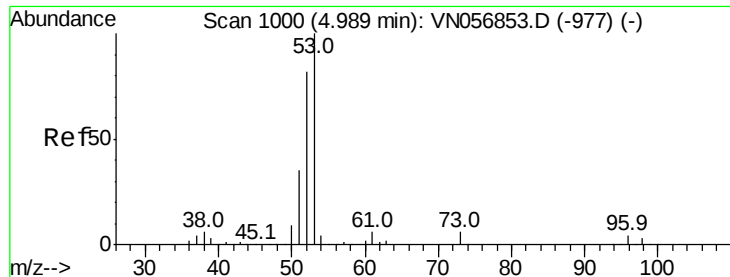
39 59.6 47.8 71.6

76 33.9 27.9 41.9



Abundance Ion 41.00 (40.70 to 41.70): VN056867.D (-697) (-)





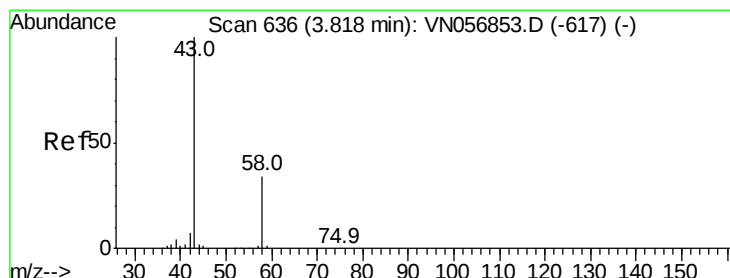
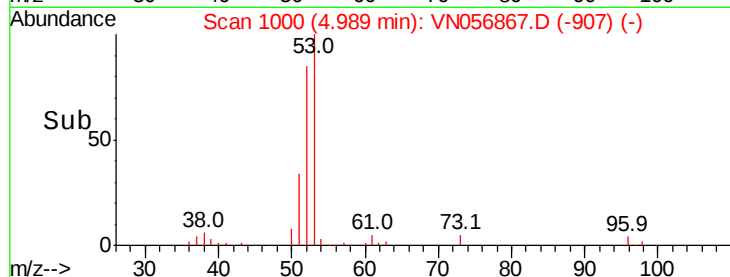
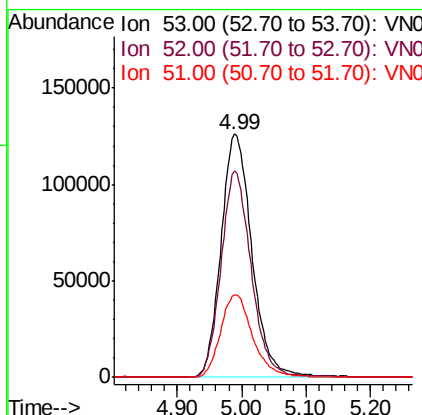
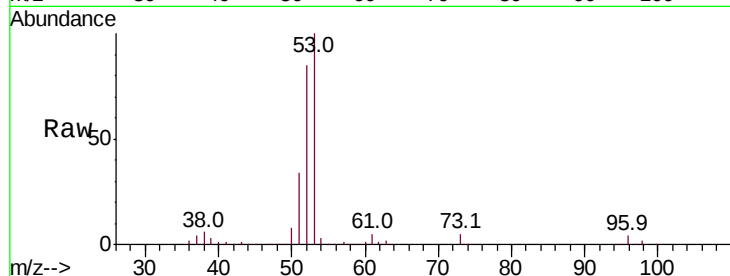
#15
 Acrylonitrile
 Concen: 266.700 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.0	97.6
51	35.2	28.2	42.2

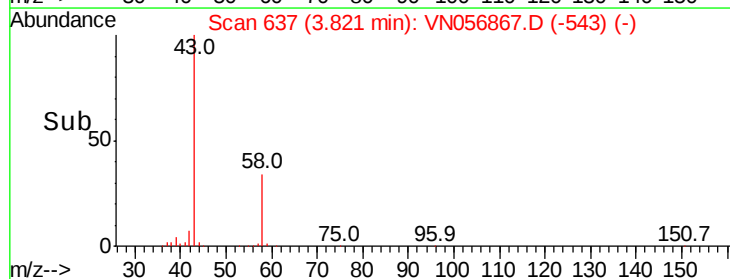
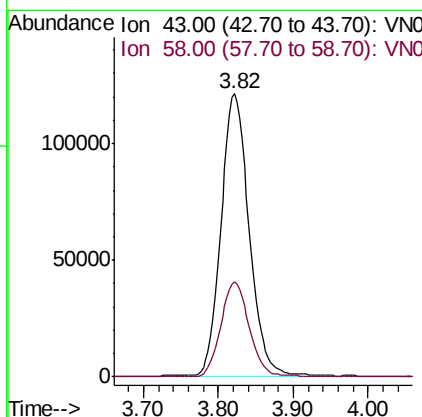
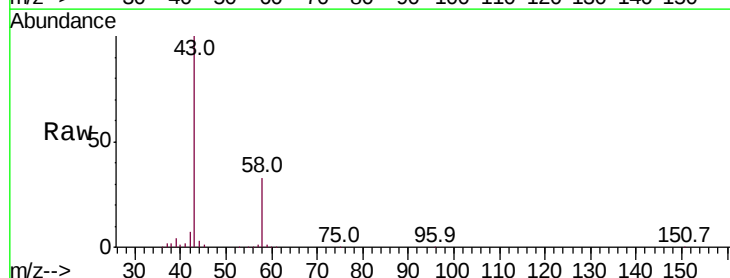
Manual Integrations
 APPROVED

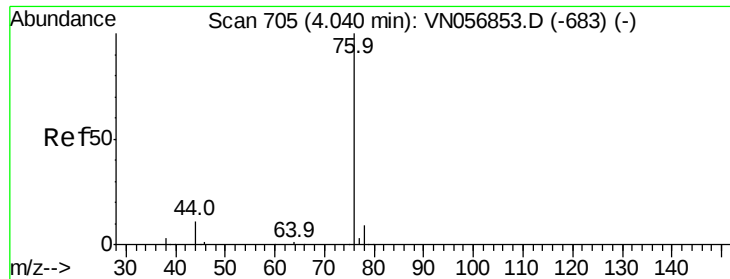
MMDadoda
 7/25/2019 3:01:55 PM



#16
 Acetone
 Concen: 235.874 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.3	40.9





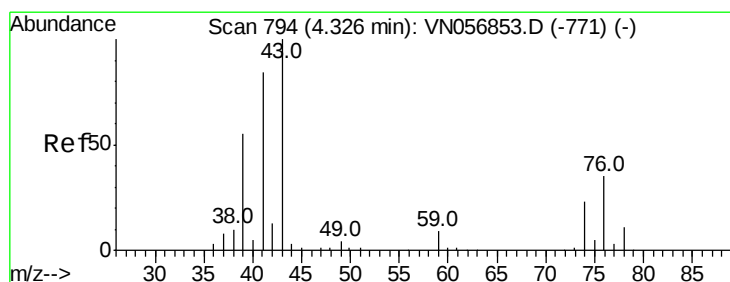
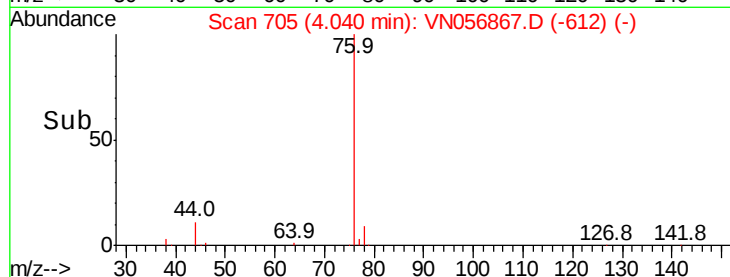
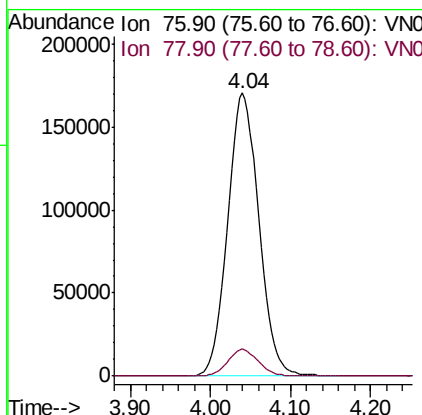
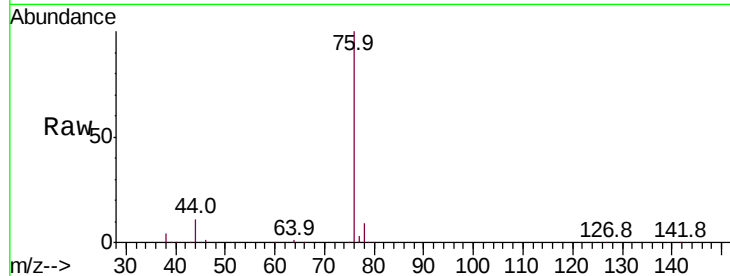
#17
Carbon Disulfide
Concen: 49.153 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

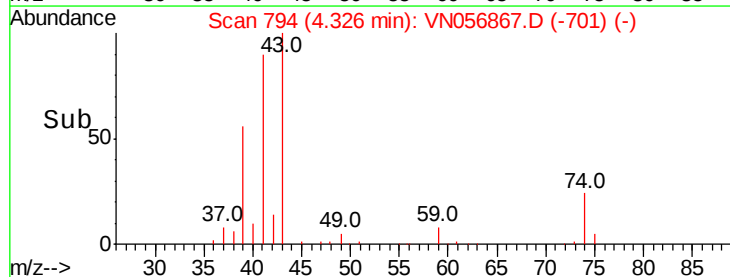
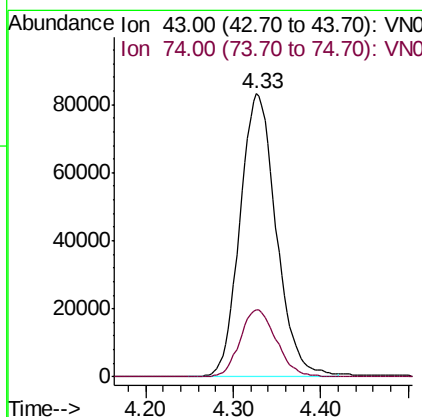
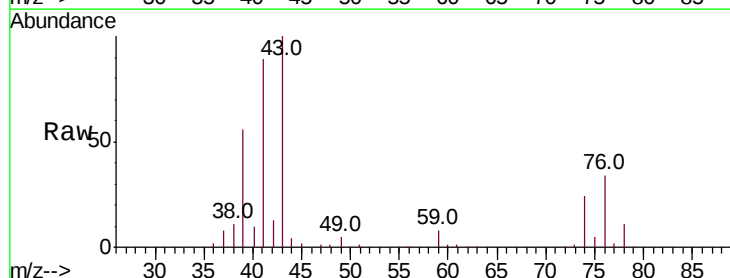
Manual Integrations
APPROVED

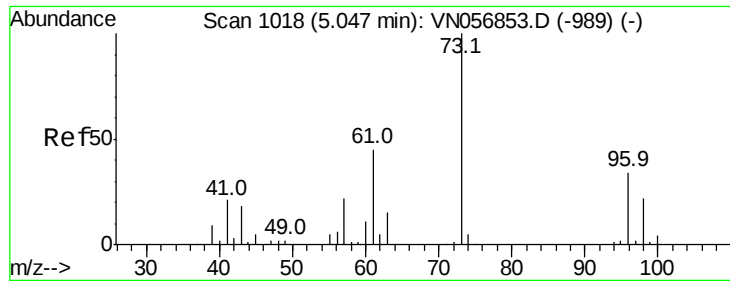
MMDadoda
7/25/2019 3:01:55 PM



#18
Methyl Acetate
Concen: 54.666 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.0	28.4





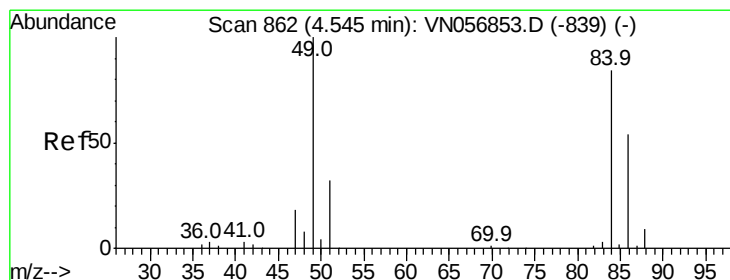
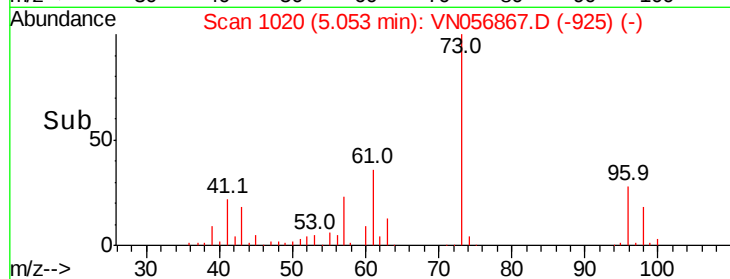
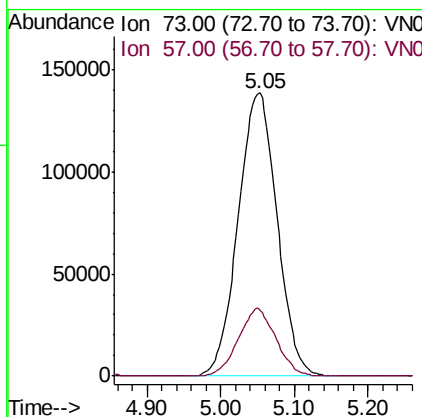
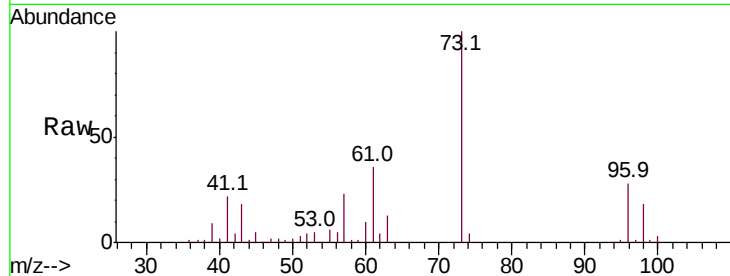
#19
Methvl tert-butvl Ether
Concen: 51.322 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 509869
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0

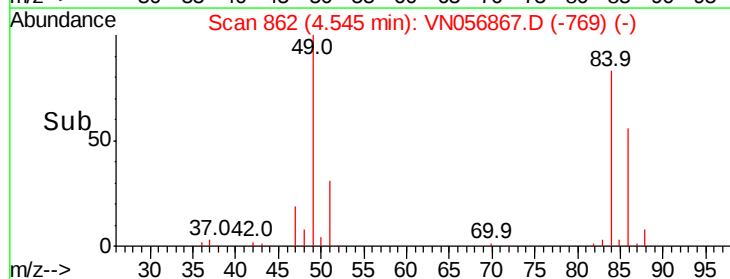
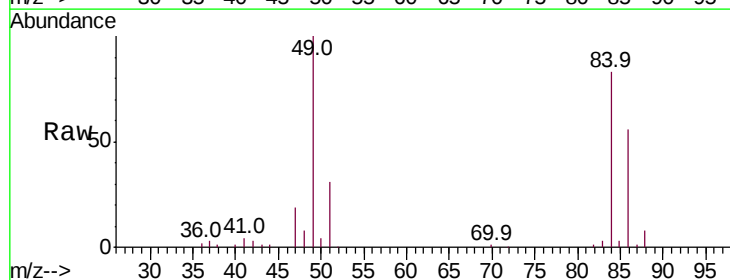
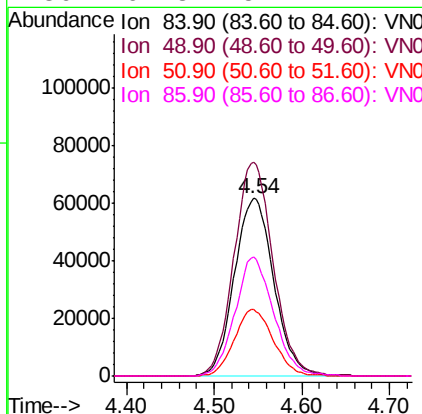
Manual Integrations
APPROVED

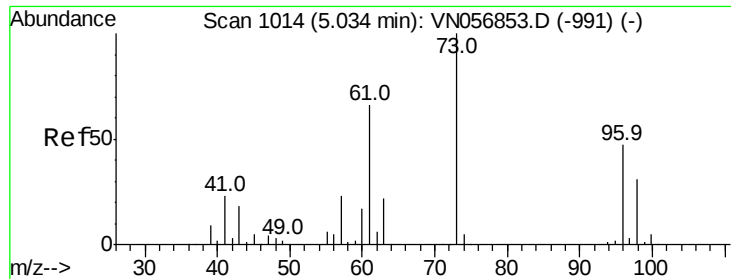
MMDadoda
7/25/2019 3:01:55 PM



#20
Methylene Chloride
Concen: 48.569 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 84 Resp: 193294
Ion Ratio Lower Upper
84 100
49 120.4 94.9 142.3
51 37.5 29.9 44.9
86 67.3 51.4 77.2





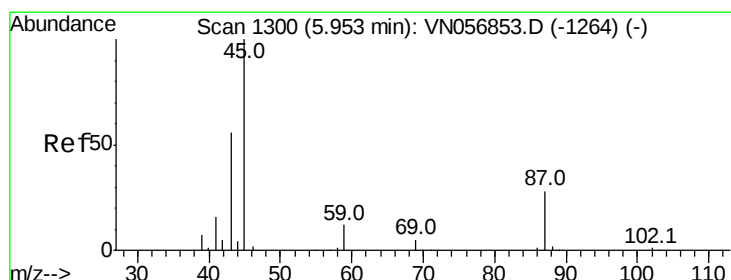
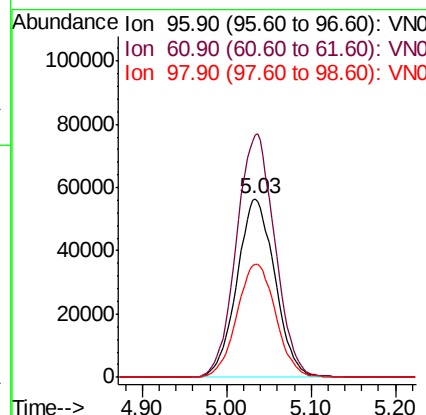
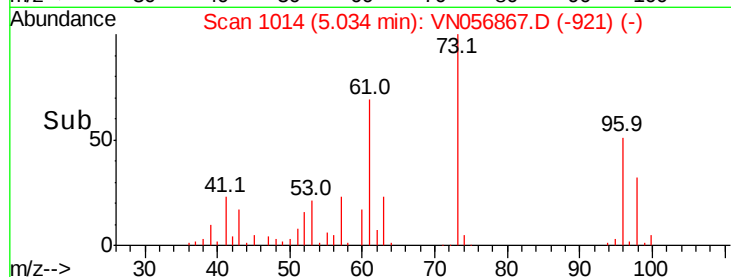
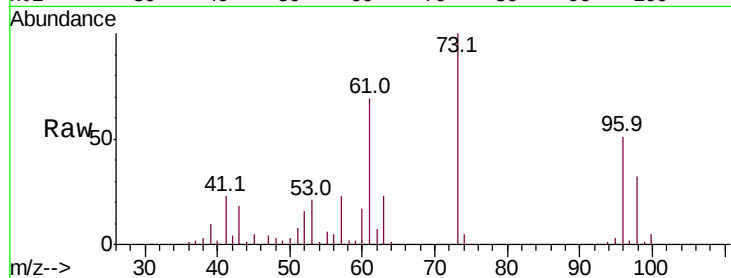
#21
trans-1,2-Dichloroethene
Concen: 50.384 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.5	112.8	169.2
98	63.5	53.3	79.9

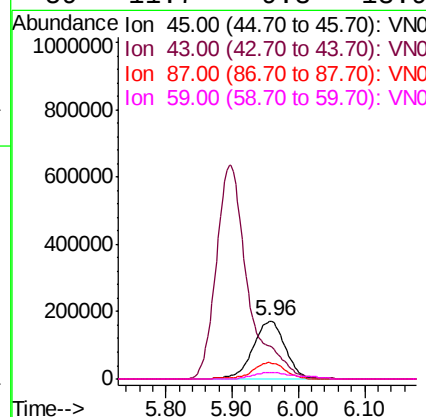
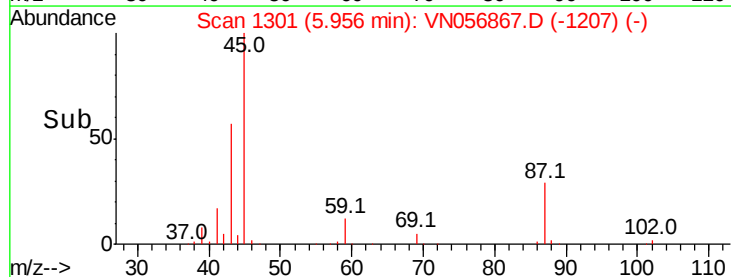
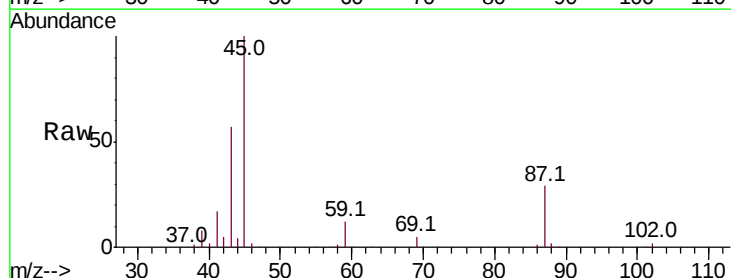
Manual Integrations
APPROVED

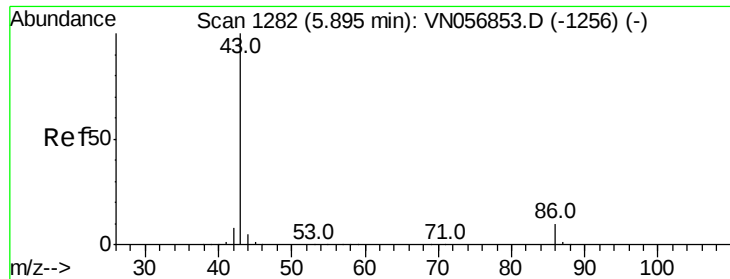
MMDadoda
7/25/2019 3:01:55 PM



#22
Diisopropyl ether
Concen: 51.889 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.7	45.5	68.3
87	28.6	22.7	34.1
59	11.7	9.3	13.9





#23

Vinyl Acetate

Concen: 263.031 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

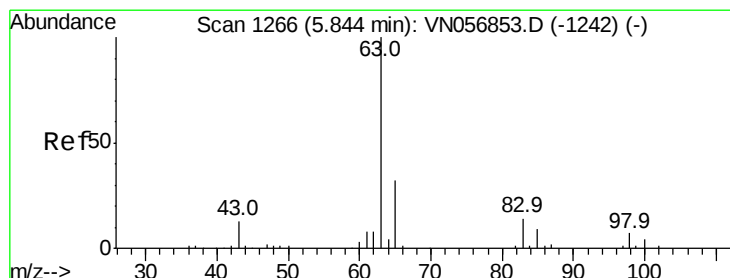
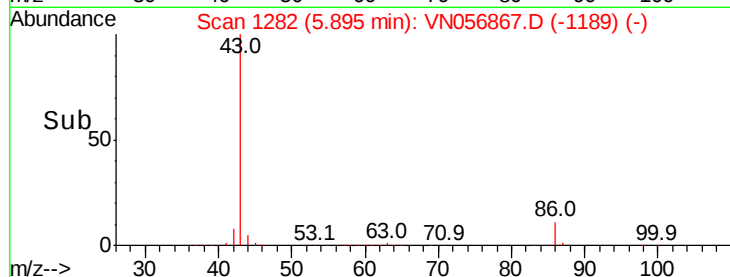
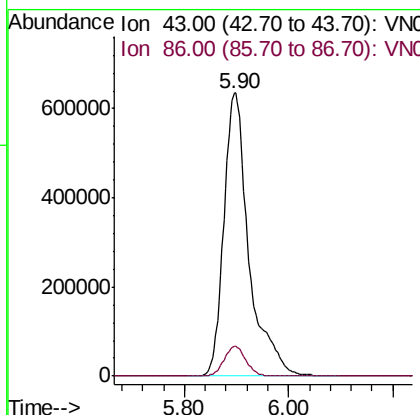
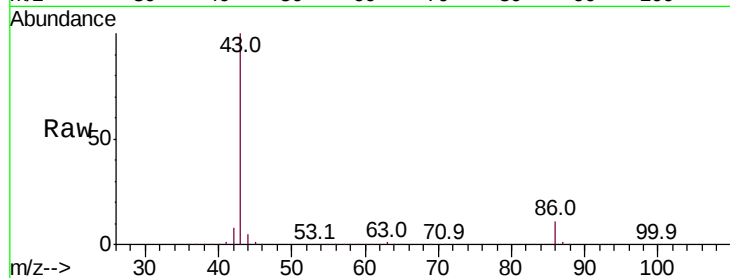
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2123531

Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.4	12.6

Manual Integrations
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MMDadoda
7/25/2019 3:01:55 PM



#24

1,1-Dichloroethane

Concen: 50.896 ug/l

RT: 5.84 min Scan# 1266

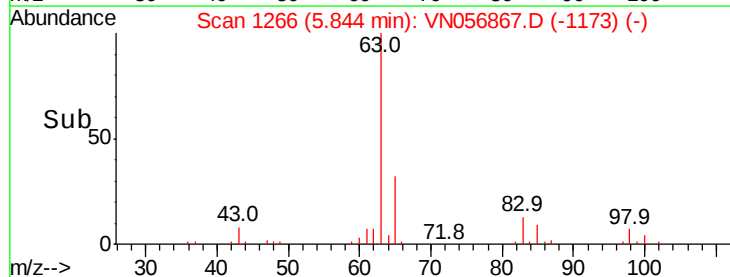
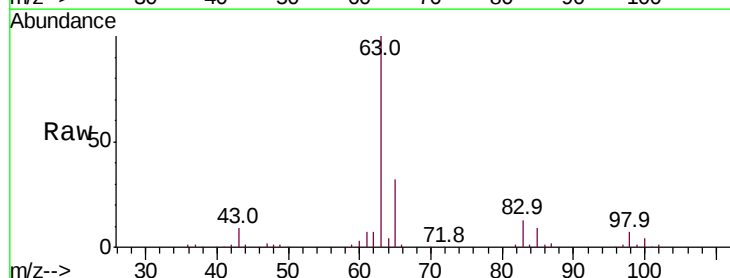
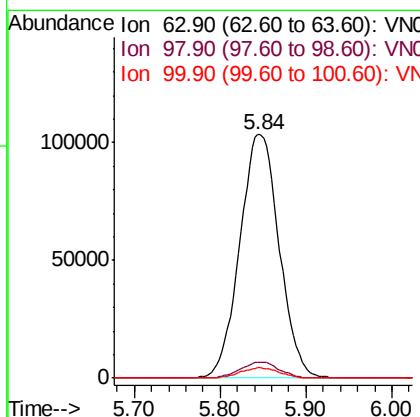
Delta R.T. -0.00 min

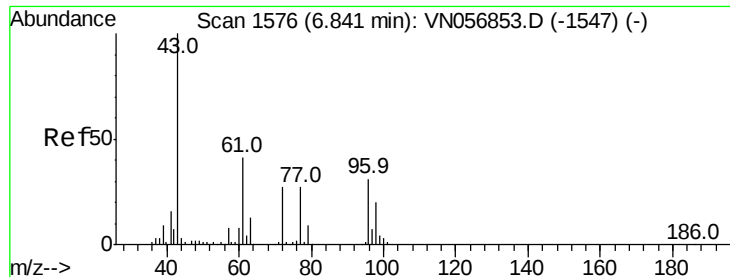
Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Tgt Ion: 63 Resp: 329567

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	4.1	2.2	6.6





#25

2-Butanone

Concen: 265.921 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 520238

Ion Ratio Lower Upper

43 100

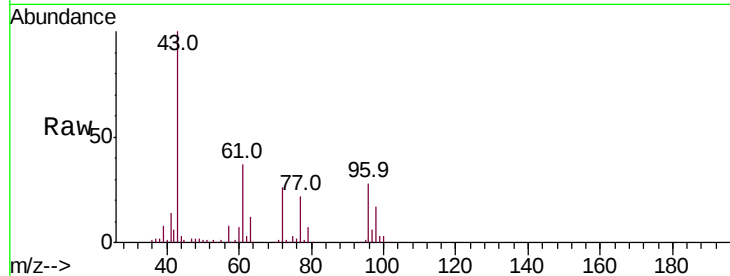
72 26.5 21.5 32.3

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

200000

150000

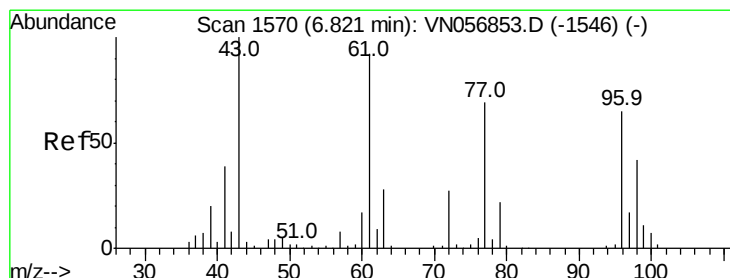
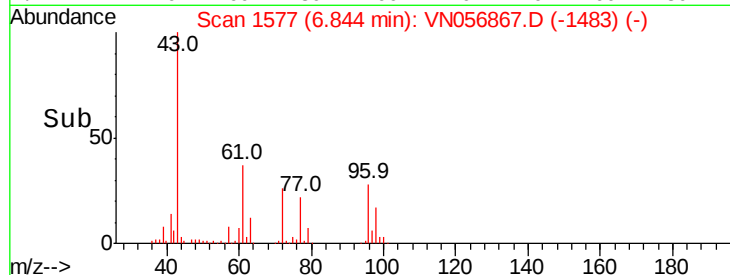
100000

50000

0

6.70 6.80 6.84 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 47.584 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056867.D

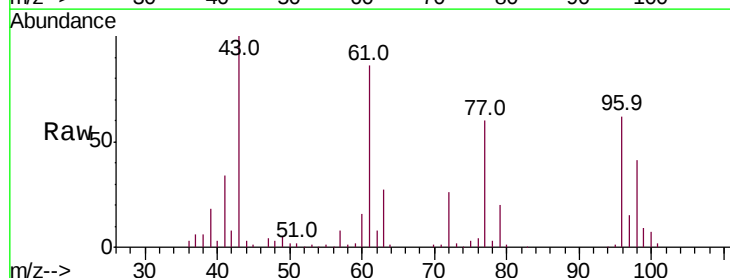
Acq: 22 Jul 2019 20:37

Tgt Ion: 77 Resp: 215604

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

80000

60000

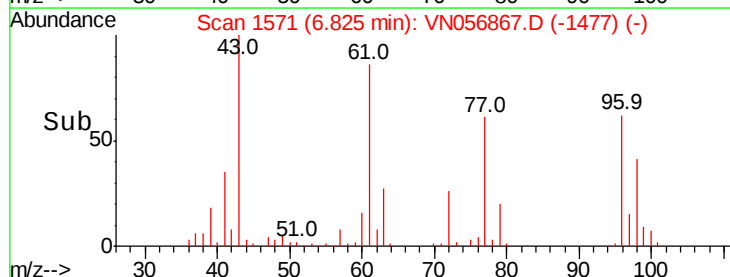
40000

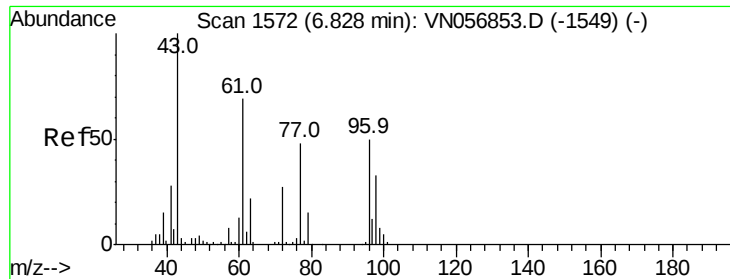
20000

0

6.70 6.80 6.82 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.739 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056867.D

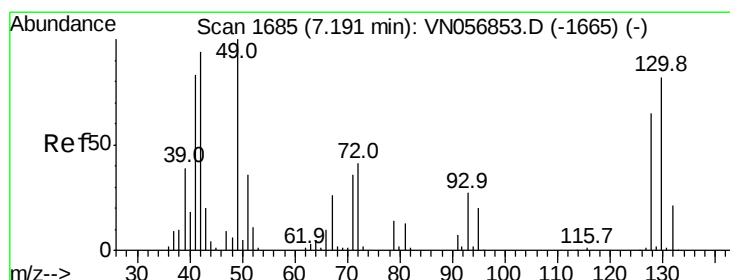
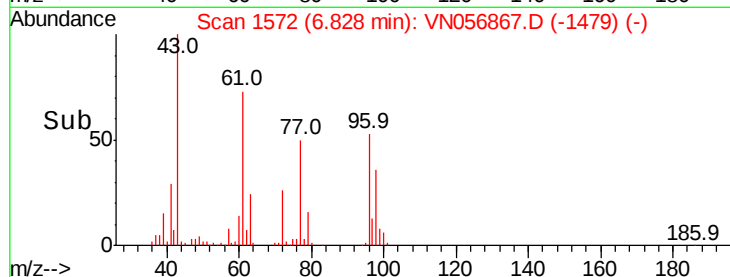
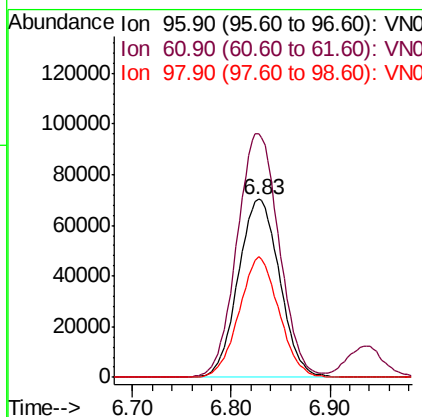
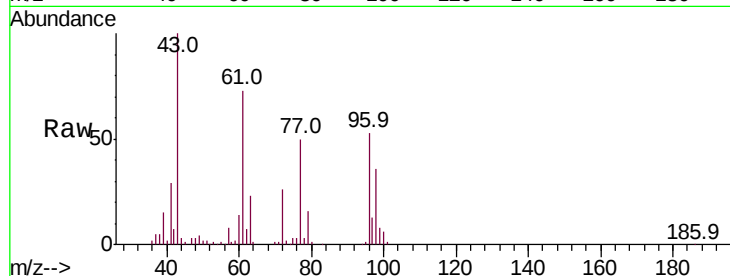
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	204320		
61	139.7	0.0	281.6	
98	64.9	0.0	132.0	

Manual Integrations
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7/25/2019 3:01:55 PM



#28

Bromochloromethane

Concen: 51.111 ug/l

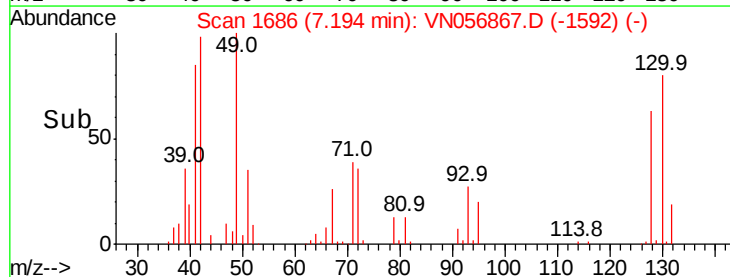
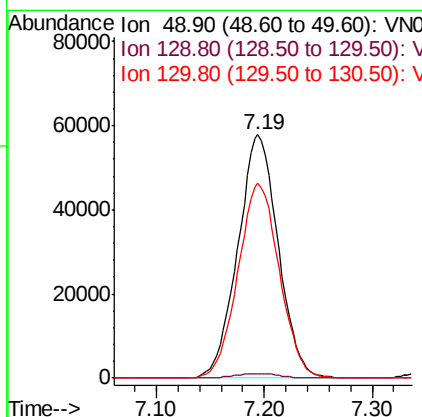
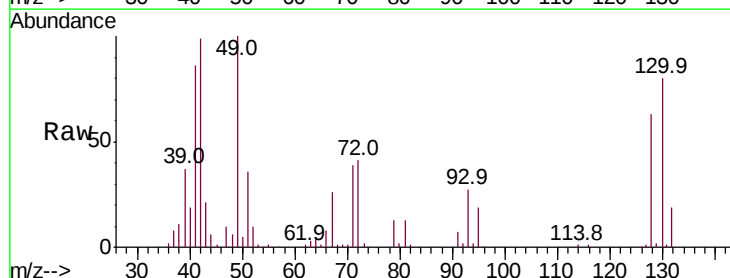
RT: 7.19 min Scan# 1686

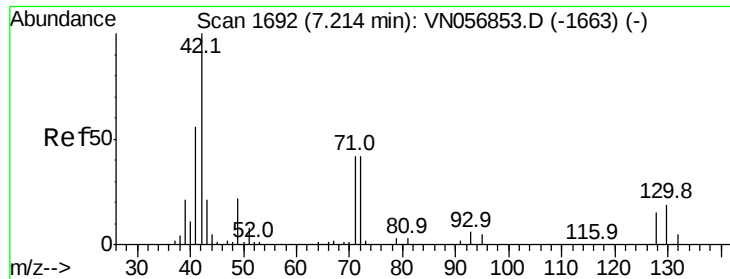
Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	150230		
129	2.1	0.0	3.8	
130	82.0	65.0	97.6	





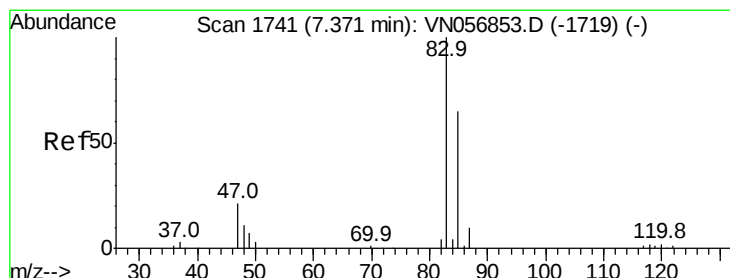
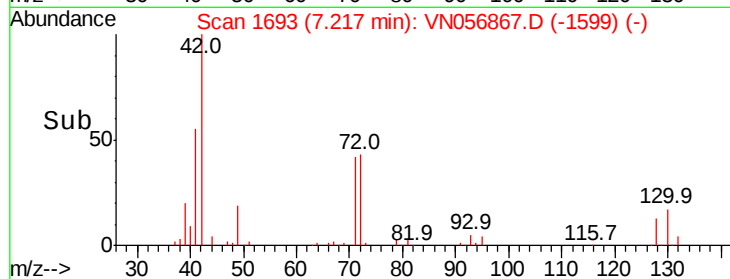
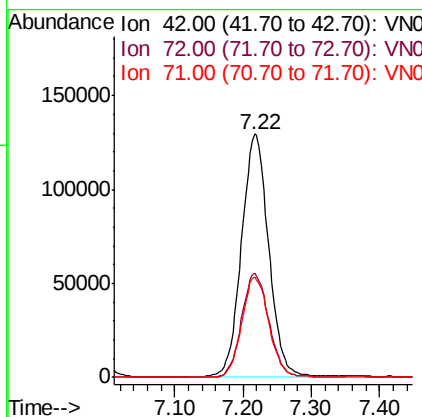
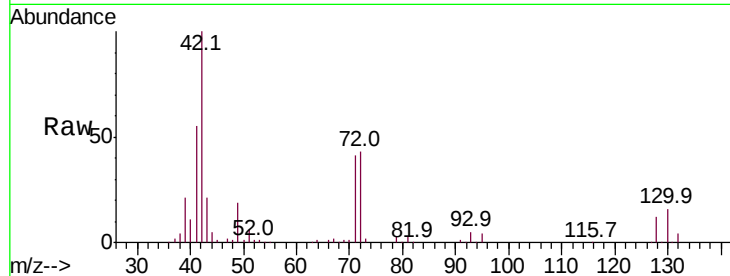
#29
Tetrahydrofuran
Concen: 267.272 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	40.9	32.7	49.1

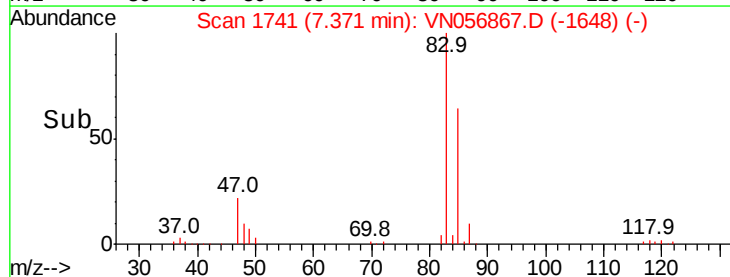
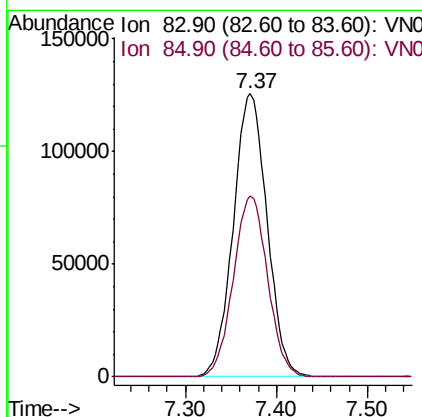
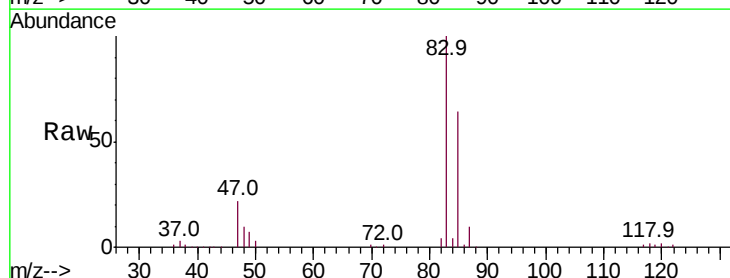
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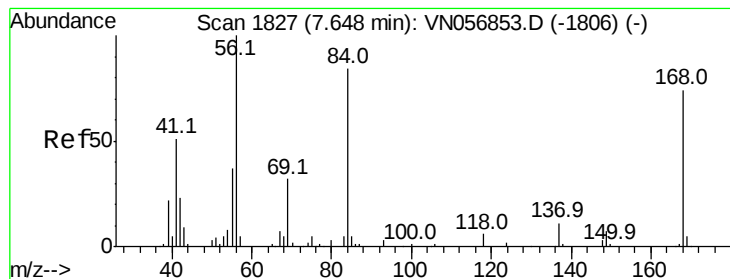
MMDadoda
7/25/2019 3:01:55 PM



#30
Chloroform
Concen: 50.026 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.3	78.5





#31

Cyclohexane

Concen: 49.155 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 308809

Ion Ratio Lower Upper

56 100

69 32.8 25.5 38.3

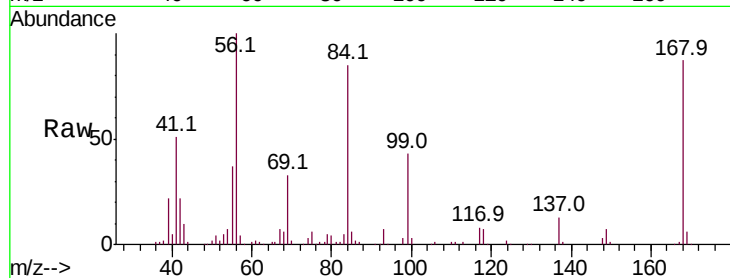
84 84.2 67.3 100.9

Manual Integrations

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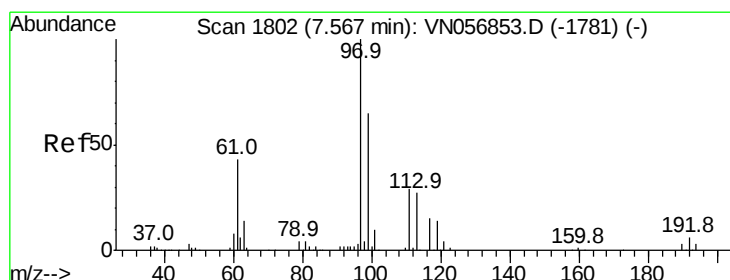
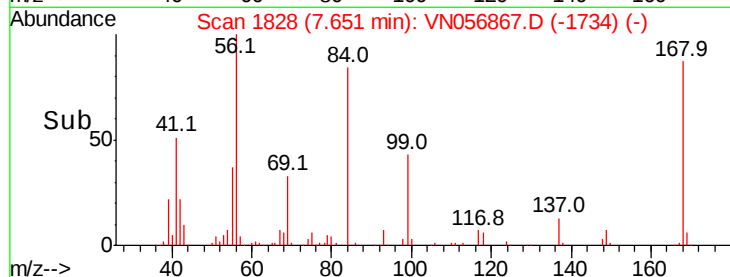
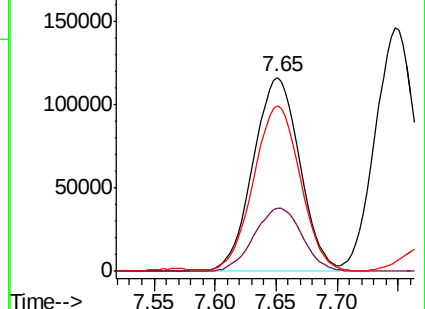
7/25/2019 3:01:55 PM



Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#32

1,1,1-Trichloroethane

Concen: 51.437 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

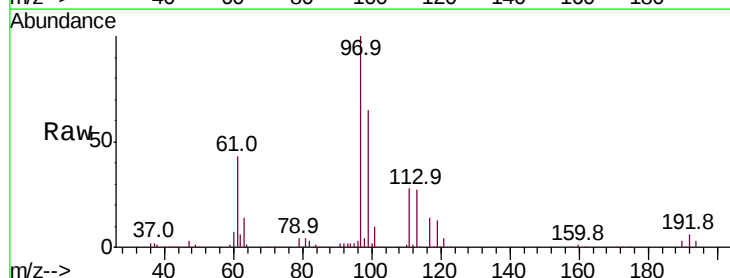
Tgt Ion: 97 Resp: 270119

Ion Ratio Lower Upper

97 100

99 65.3 52.1 78.1

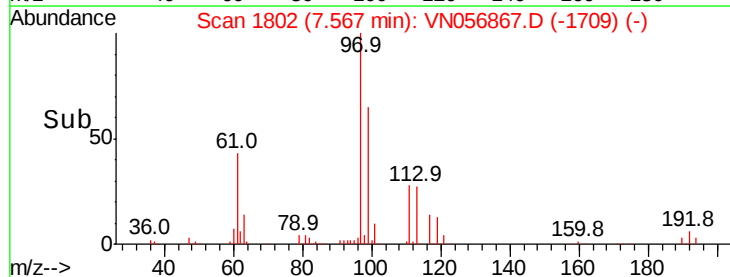
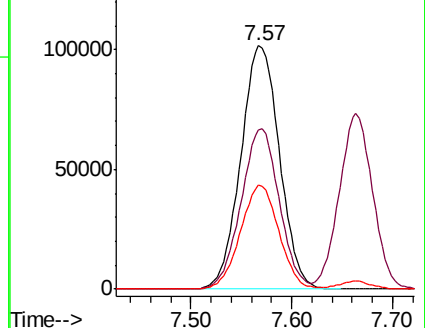
61 42.4 34.0 51.0

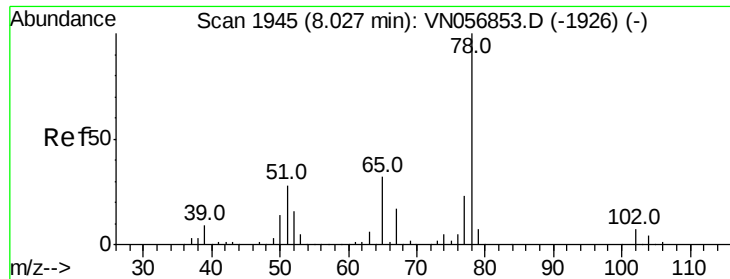


Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 98.90 (98.60 to 99.60): VNC

Ion 60.90 (60.60 to 61.60): VNC





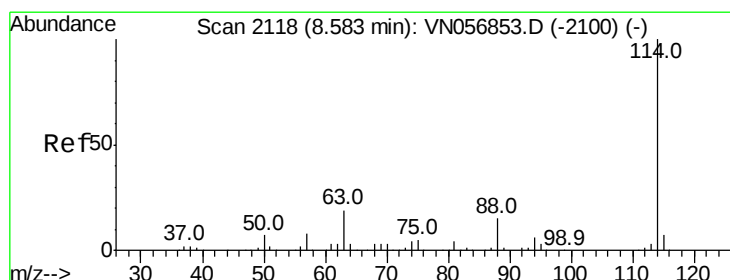
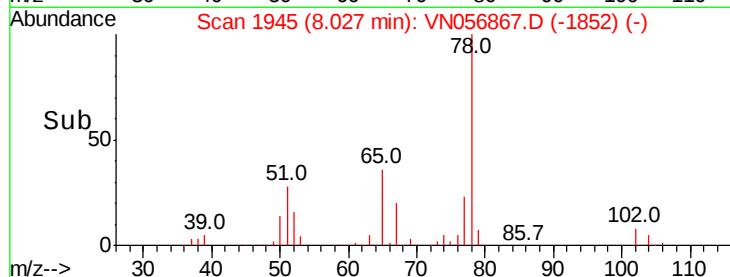
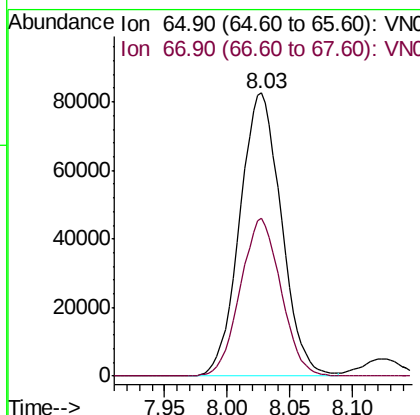
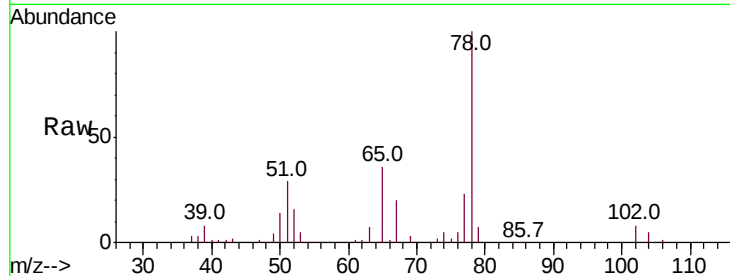
#33
 1,2-Dichloroethane-d4
 Concen: 51.487 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	190298		
67	54.6	0.0	108.6	

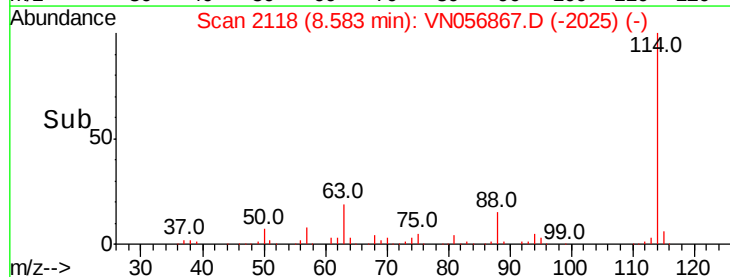
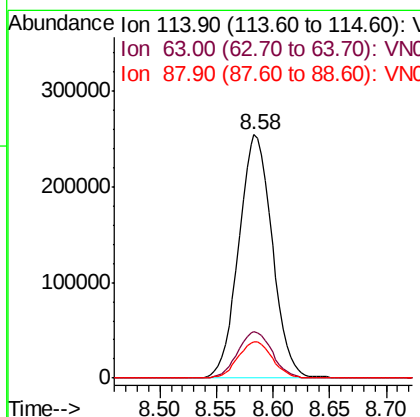
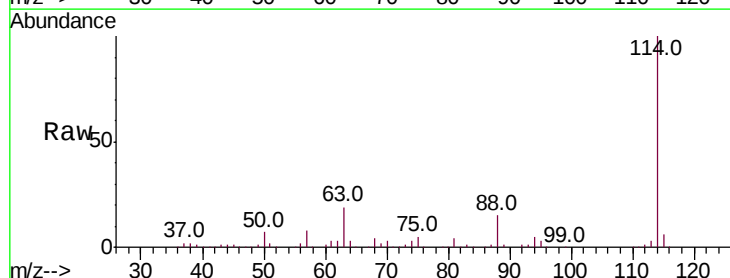
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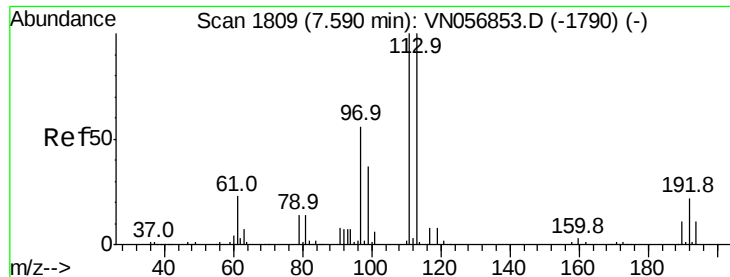
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	524756		
63	19.3	0.0	37.8	
88	15.0	0.0	31.0	





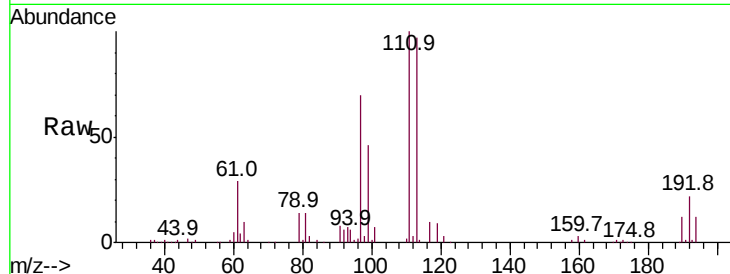
#35
 Dibromofluoromethane
 Concen: 51.236 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

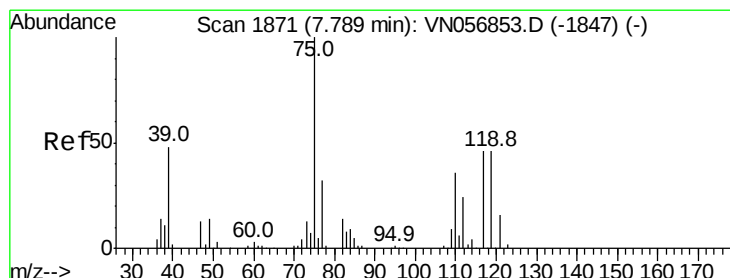
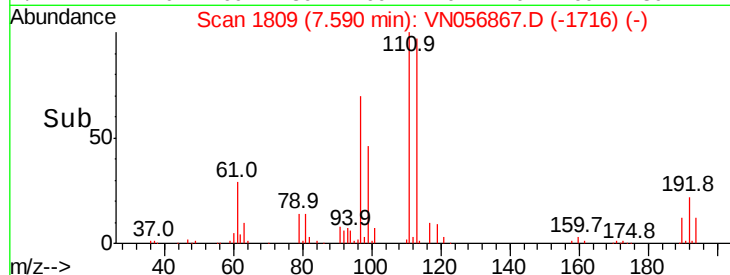
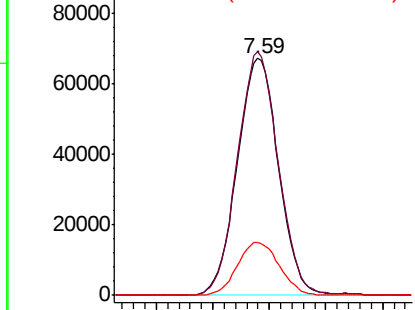
Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.8	81.9	122.9	
192	22.7	18.5	27.7	

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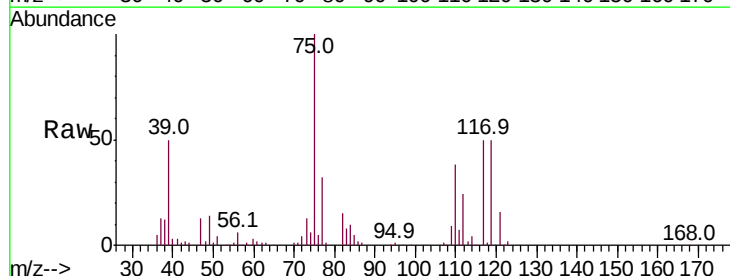


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

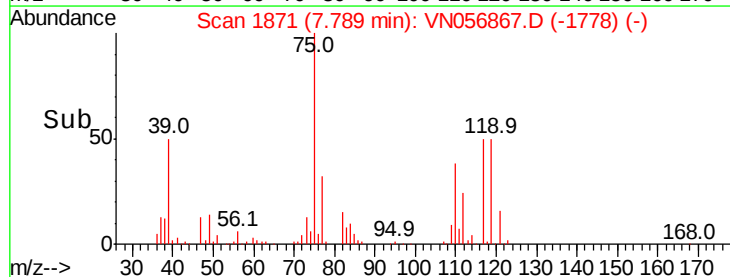
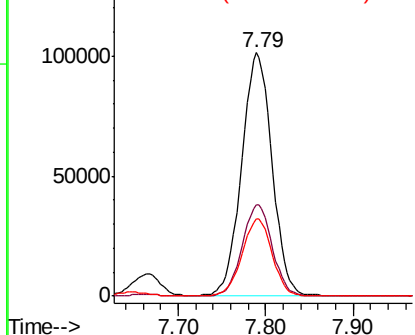


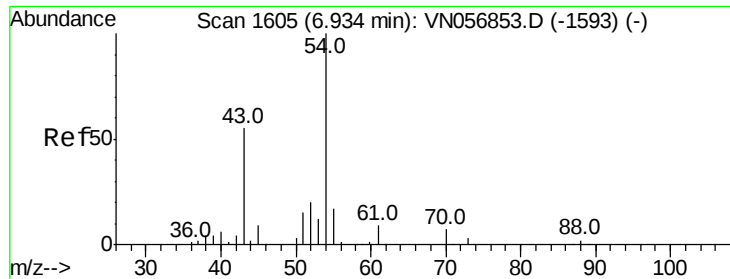
#36
 1,1-Dichloropropene
 Concen: 50.392 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.2	17.9	53.7	
77	31.6	25.0	37.6	



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





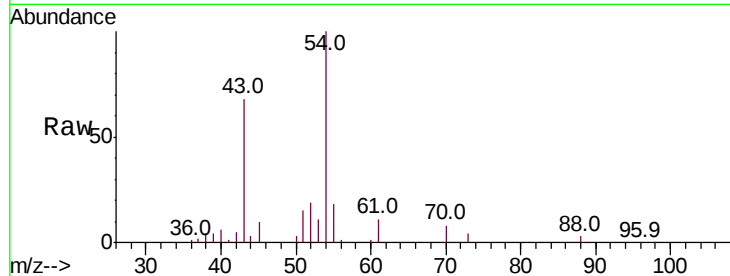
#37
Ethyl Acetate
Concen: 54.975 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.8	17.8
70	11.3	8.6	13.0

Manual Integrations
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MMDadoda
7/25/2019 3:01:55 PM

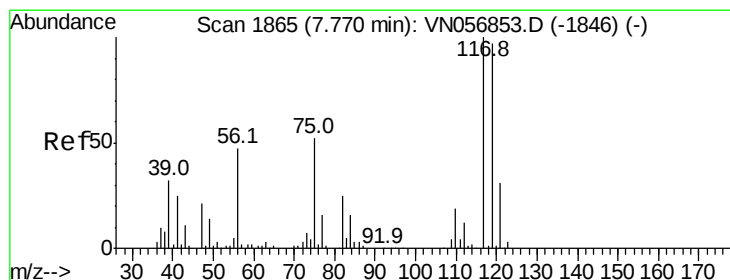
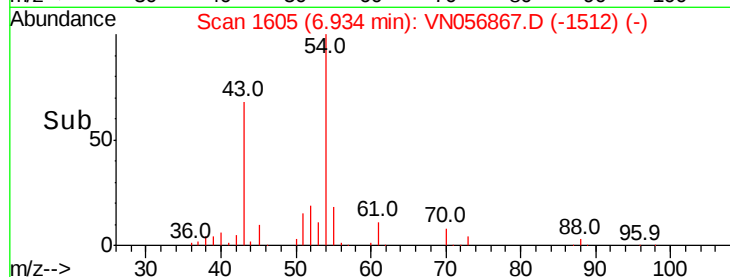
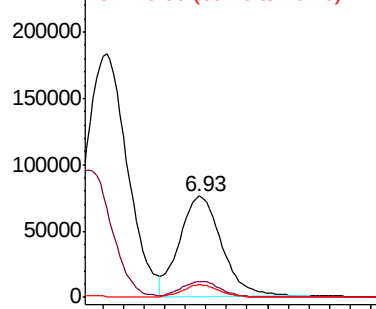


Abundance

Ion 43.00 (42.70 to 43.70): VN056853.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN056853.D (-1593) (-)

Ion 70.00 (69.70 to 70.70): VN056853.D (-1593) (-)



#38
Carbon Tetrachloride
Concen: 50.634 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

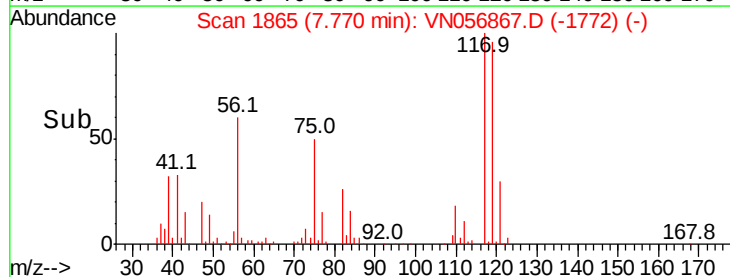
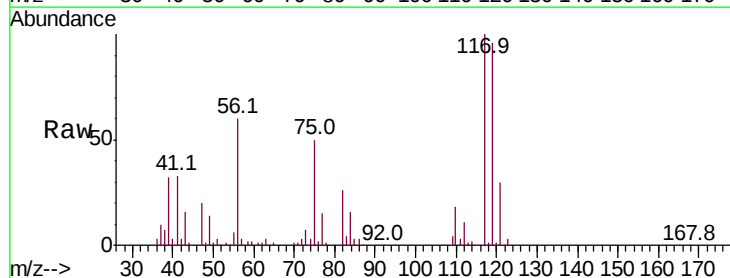
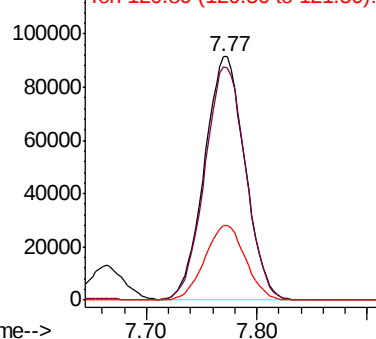
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.2	115.8
121	30.5	24.5	36.7

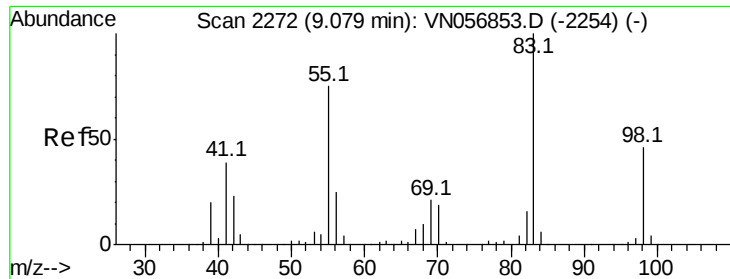
Abundance

Ion 116.80 (116.50 to 117.50): VN056853.D (-1846) (-)

Ion 118.80 (118.50 to 119.50): VN056853.D (-1846) (-)

Ion 120.80 (120.50 to 121.50): VN056853.D (-1846) (-)





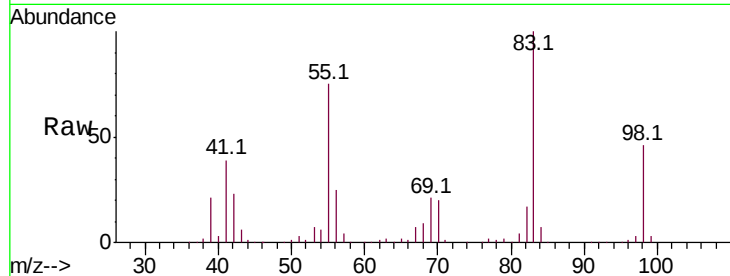
#39
Methvlcvclohexane
Concen: 50.559 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	59.8	89.8
98	46.2	37.1	55.7

Manual Integrations
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MMDadoda
7/25/2019 3:01:55 PM

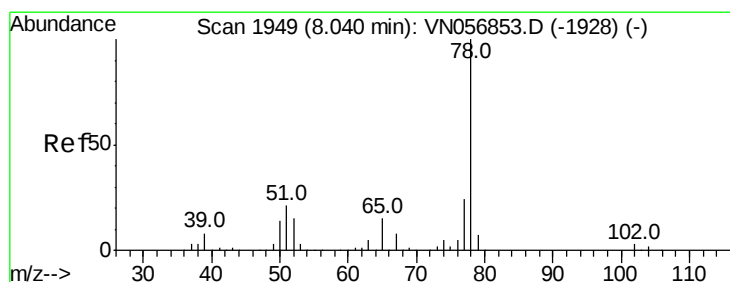
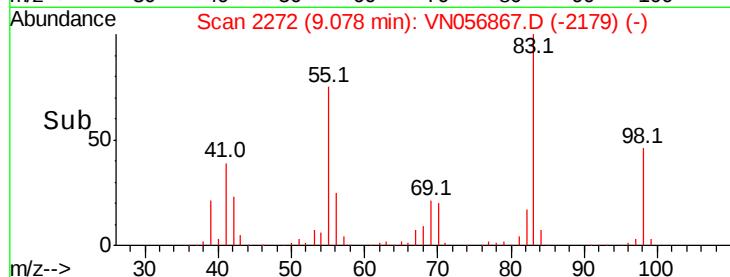
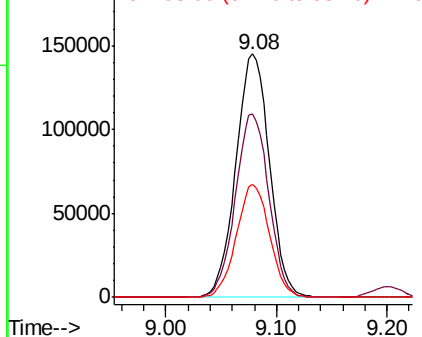


Abundance

Ion 83.00 (82.70 to 83.70): VNO

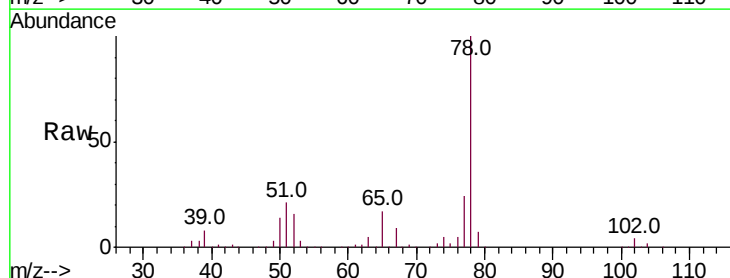
Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO



#40
Benzene
Concen: 50.826 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

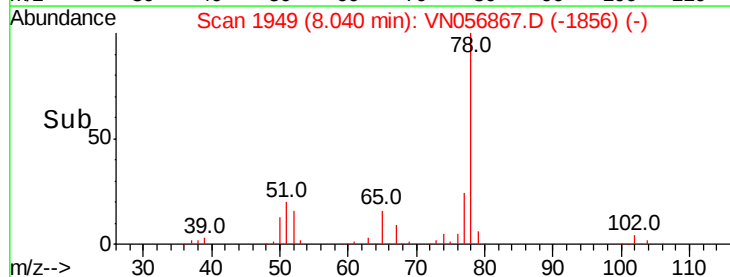
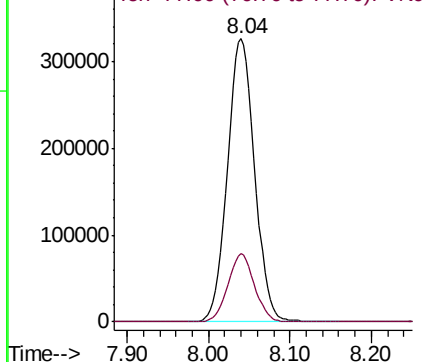
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7

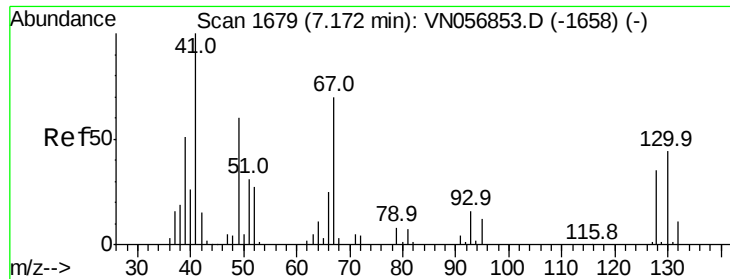


Abundance

Ion 78.00 (77.70 to 78.70): VNO

Ion 77.00 (76.70 to 77.70): VNO





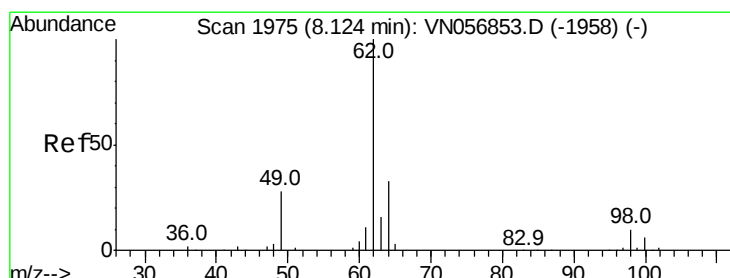
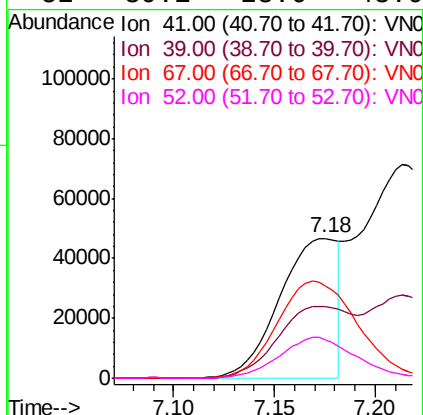
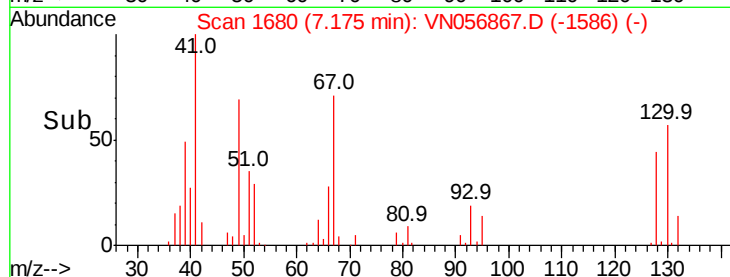
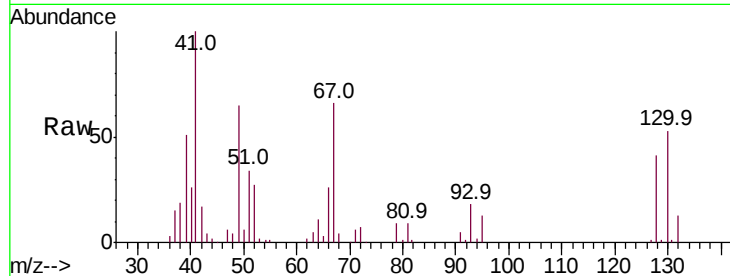
#41
Methacrylonitrile
Concen: 48.288 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	93565
Ion Ratio	100	Lower	Upper
41	100		
39	65.7	44.0	66.0
67	96.9	73.5	110.3
52	39.1	28.6	43.0

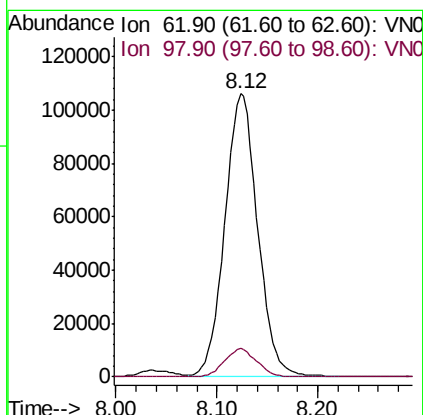
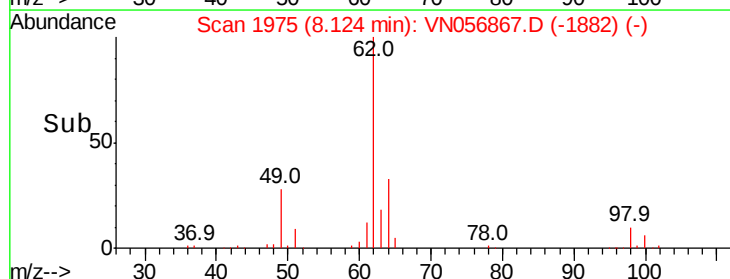
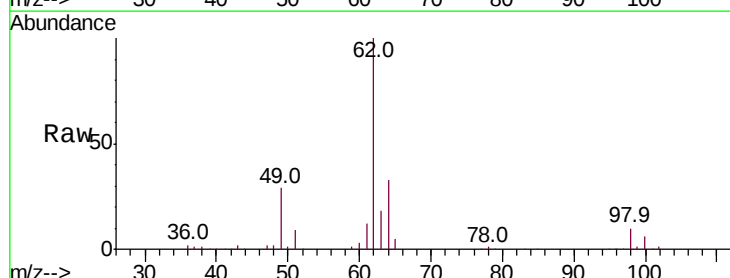
Manual Integrations
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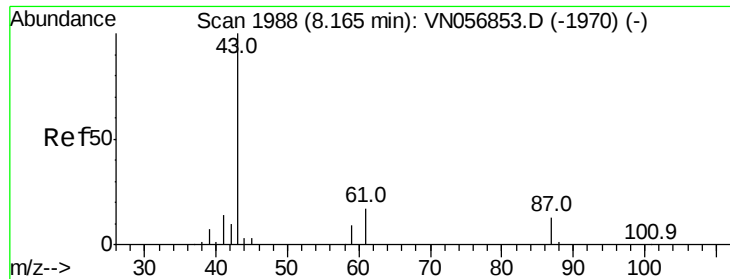
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#42
1,2-Dichloroethane
Concen: 50.869 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	62	Resp	238924
Ion Ratio	100	Lower	Upper
62	100		
98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 52.302 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

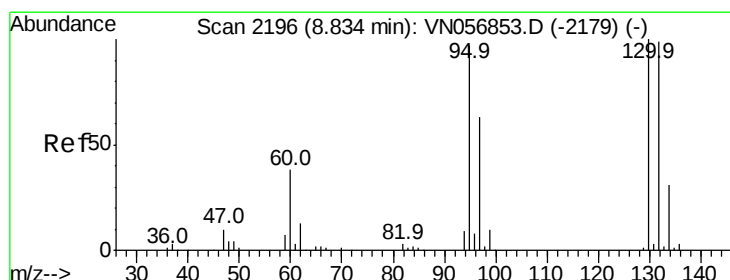
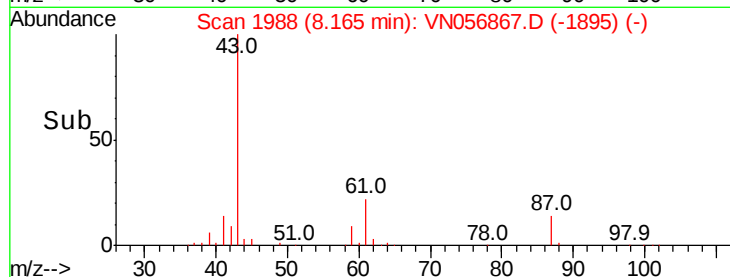
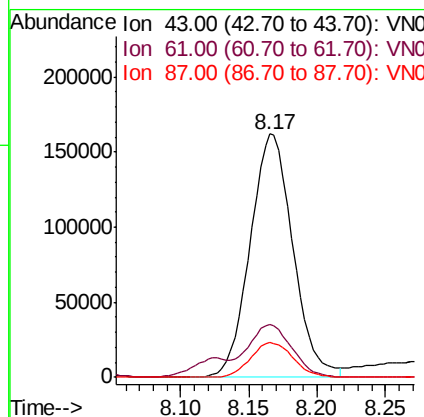
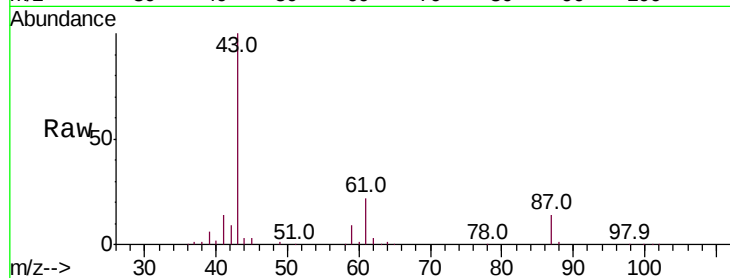
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	350888
Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.8	26.6
87	14.2	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 50.638 ug/l

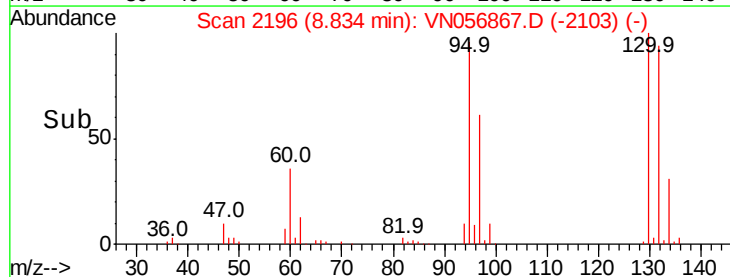
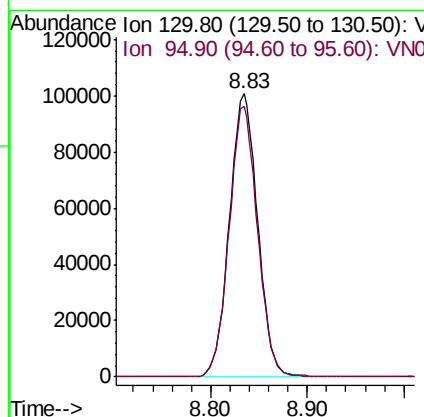
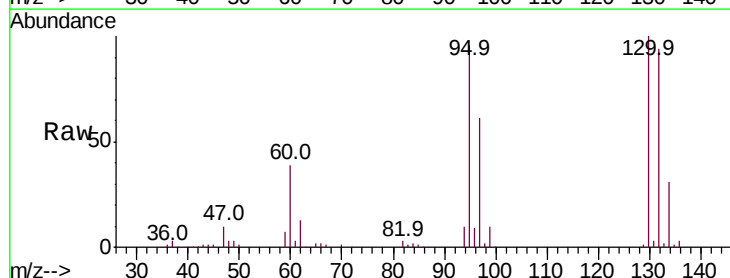
RT: 8.83 min Scan# 2196

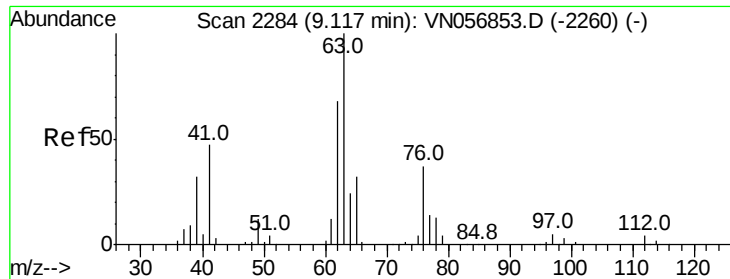
Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Tgt Ion:	130	Resp:	203867
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	194.0





#45

1,2-Dichloropropane

Concen: 50.839 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 205871

Ion Ratio Lower Upper

63 100

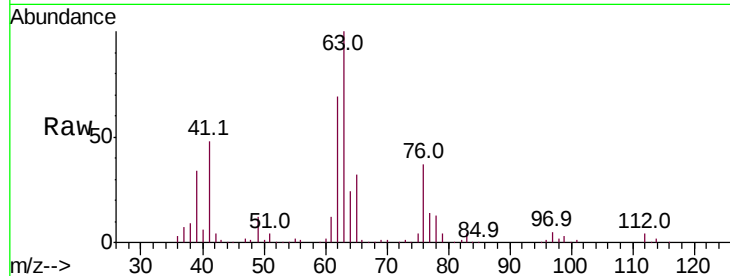
65 31.7 25.4 38.0

Manual Integrations

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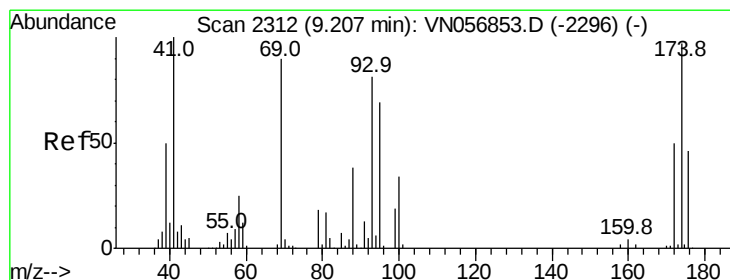
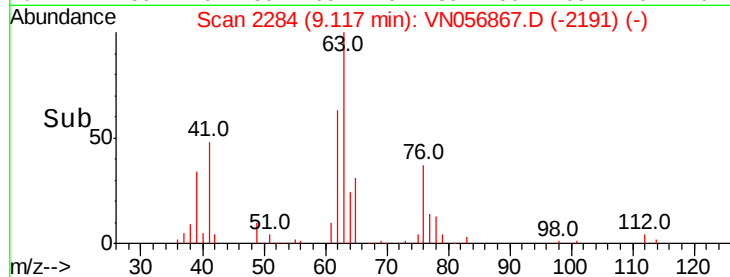
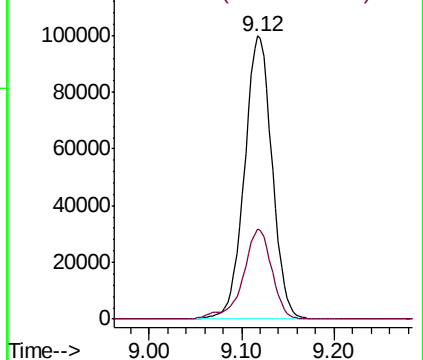
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.359 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

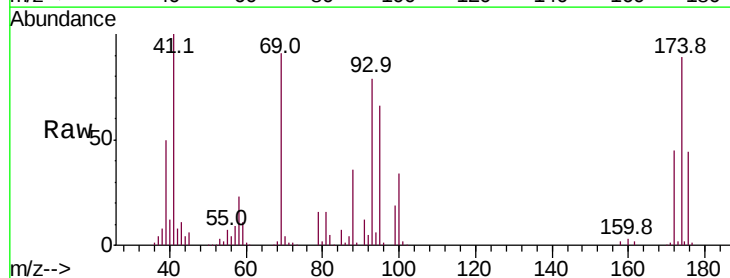
Tgt Ion: 93 Resp: 128371

Ion Ratio Lower Upper

93 100

95 84.0 67.4 101.0

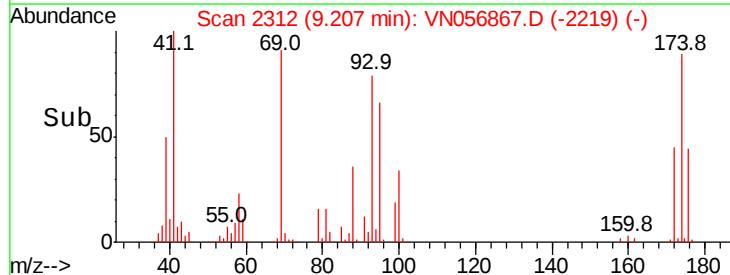
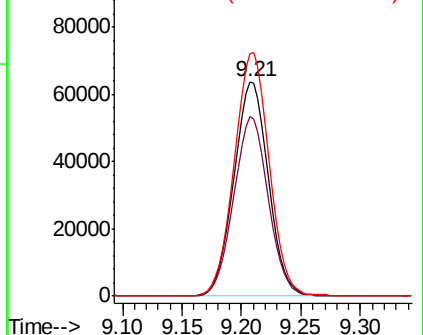
174 115.2 92.9 139.3

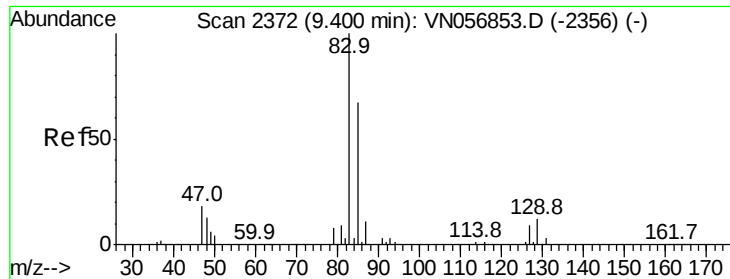


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.396 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

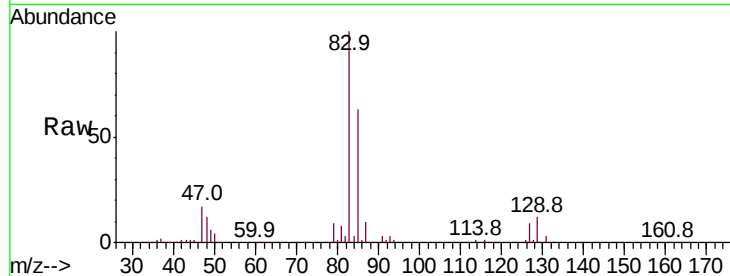
ClientSampleId :

VSTDCCC050EC

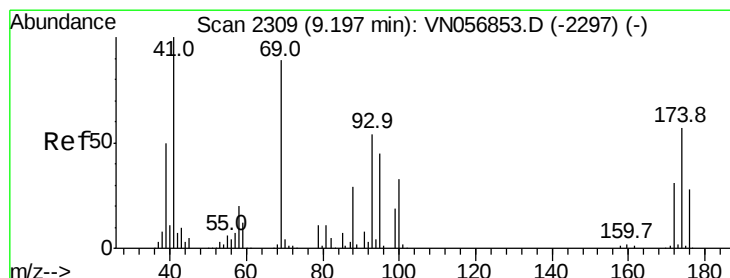
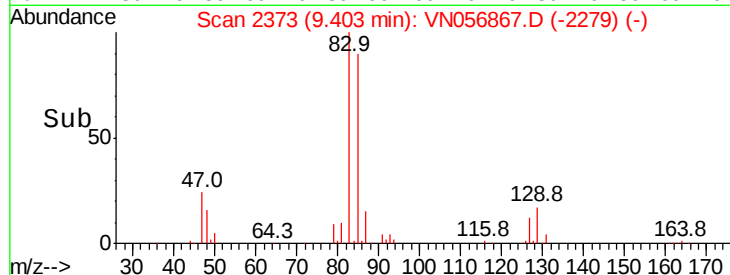
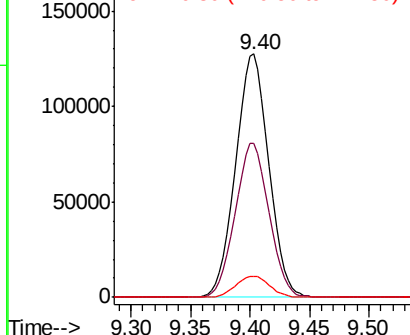
Tot Ion:	83	Resp:	246286
Ion Ratio	Lower	Upper	
83	100		
85	63.4	53.4	80.2
127	8.7	7.2	10.8

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 52.973 ug/l

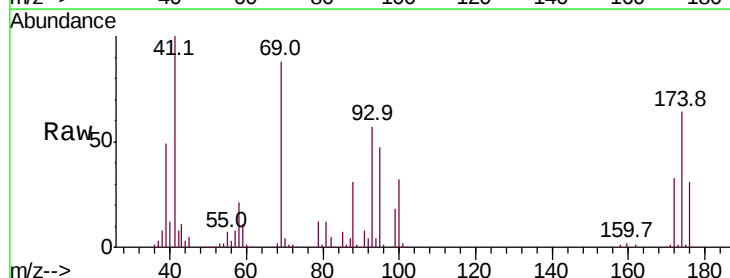
RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

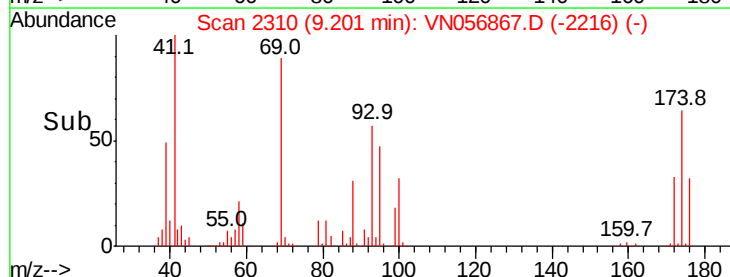
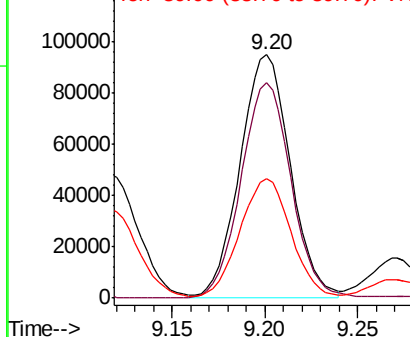
Lab File: VN056867.D

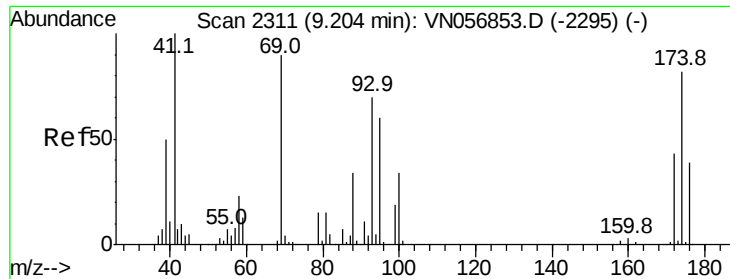
Acq: 22 Jul 2019 20:37

Tgt Ion:	41	Resp:	177784
Ion Ratio	Lower	Upper	
41	100		
69	89.0	71.1	106.7
39	50.2	40.6	60.8



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





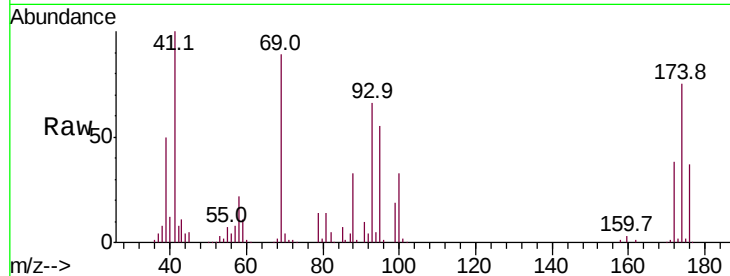
#49
 1,4-Dioxane
 Concen: 1069.920 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

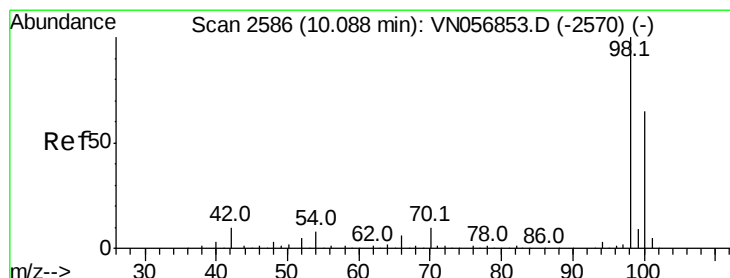
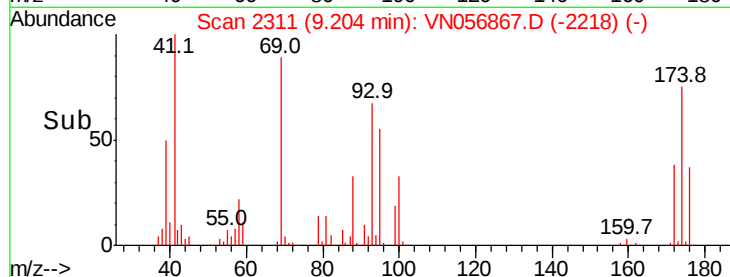
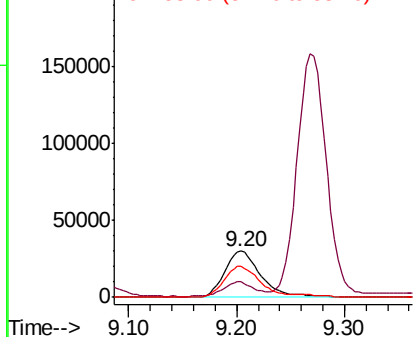
Tot Ion: 88 Resp: 70434
 Ion Ratio Lower Upper
 88 100
 43 27.2 21.4 32.2
 58 66.1 55.7 83.5

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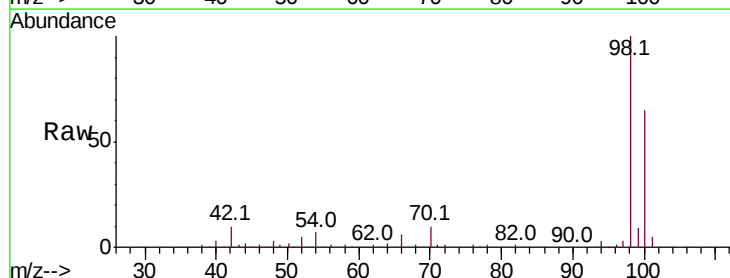


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

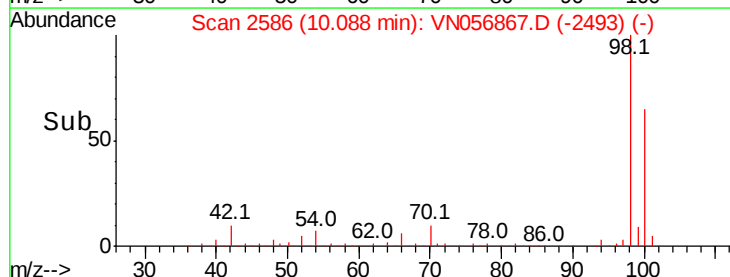
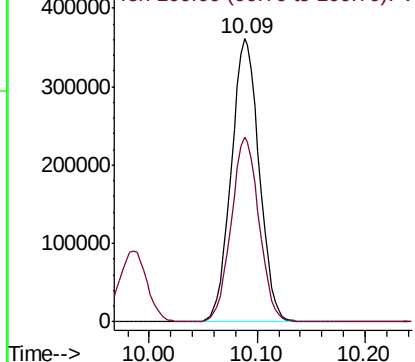


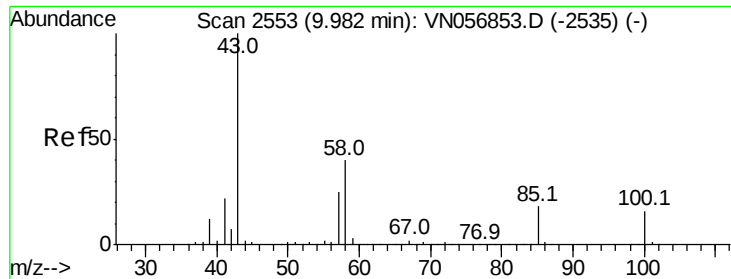
#50
 Toluene-d8
 Concen: 51.318 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion: 98 Resp: 653012
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 268.965 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1076037

Ion Ratio Lower Upper

43 100

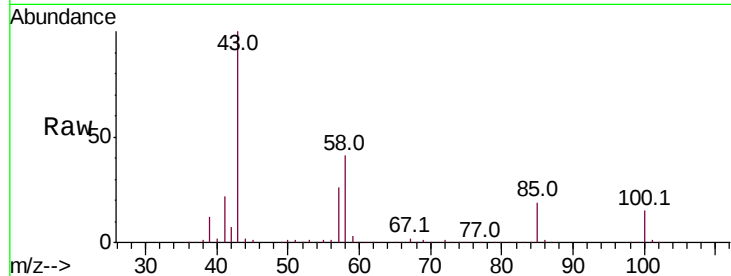
58 40.1 32.4 48.6

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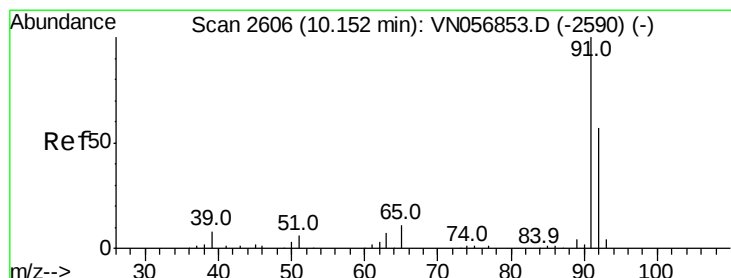
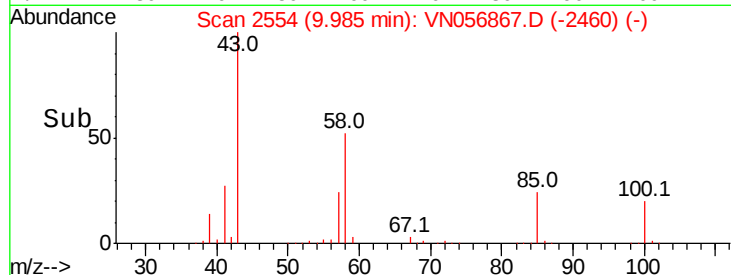
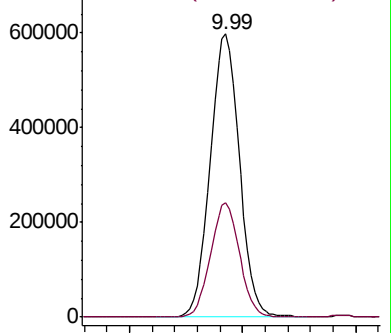
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.989 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056867.D

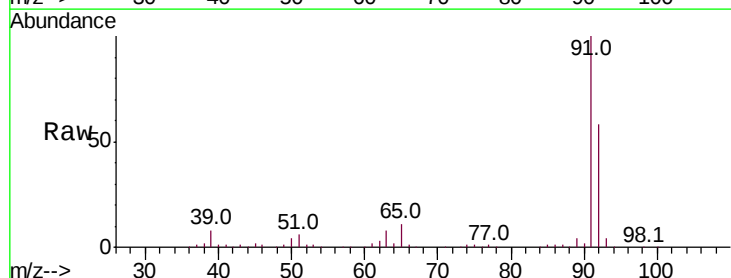
Acq: 22 Jul 2019 20:37

Tgt Ion: 92 Resp: 470269

Ion Ratio Lower Upper

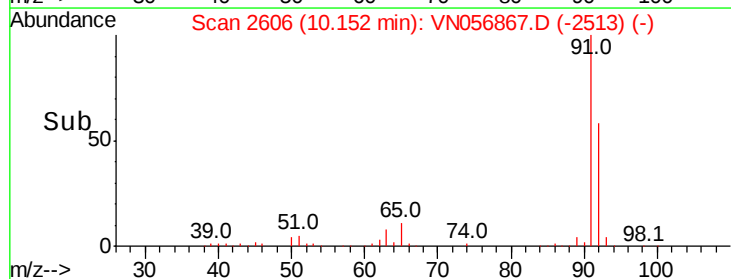
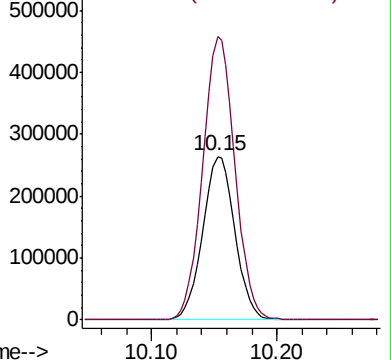
92 100

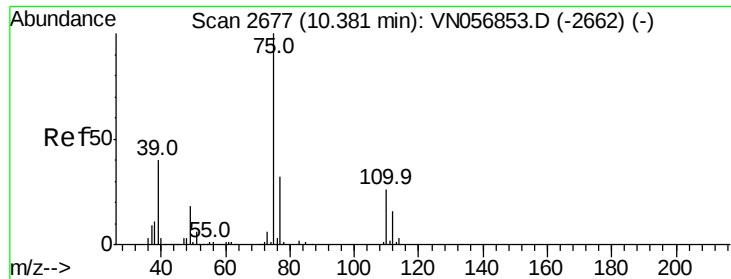
91 174.0 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





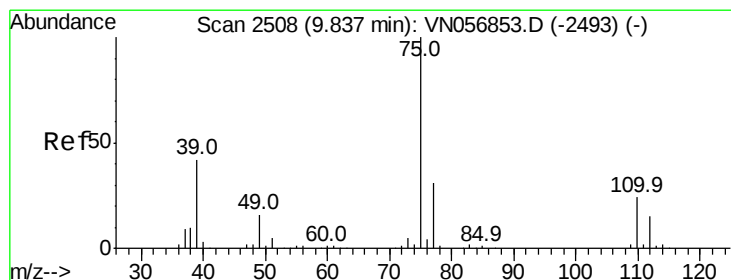
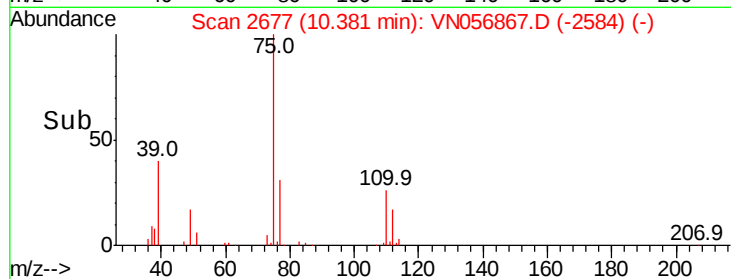
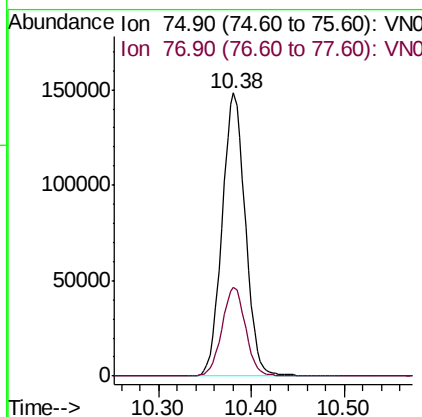
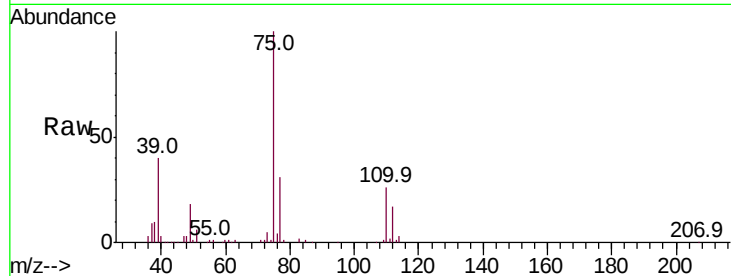
#53
 t-1,3-Dichloropropene
 Concen: 53.361 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 257426
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2

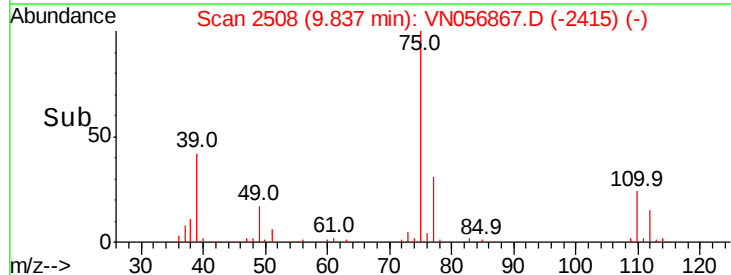
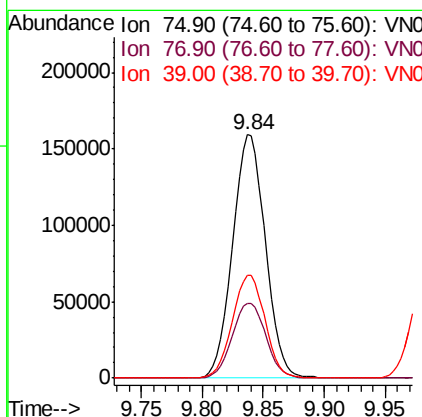
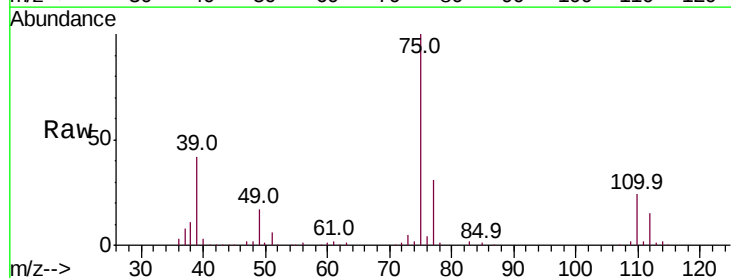
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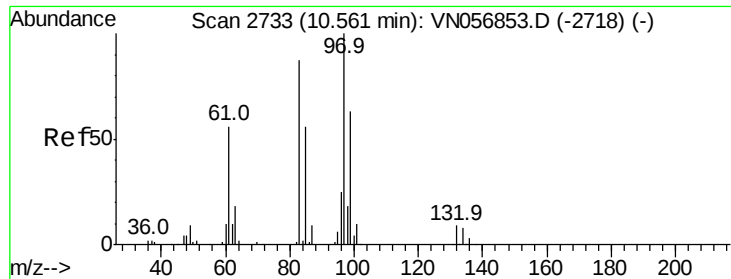
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#54
 cis-1,3-Dichloropropene
 Concen: 52.197 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion: 75 Resp: 296868
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7
 39 42.1 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 51.221 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 183898

Ion Ratio Lower Upper

97 100

83 87.0 70.0 105.0

85 55.9 45.1 67.7

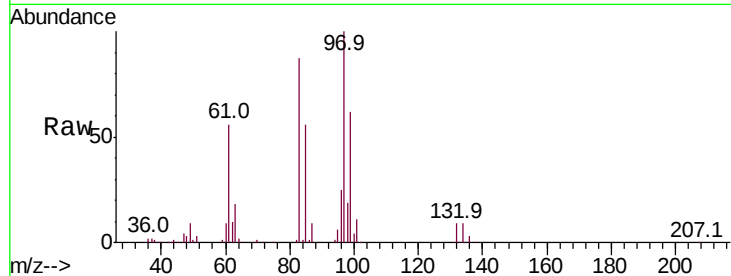
99 61.8 50.2 75.4

Manual Integrations

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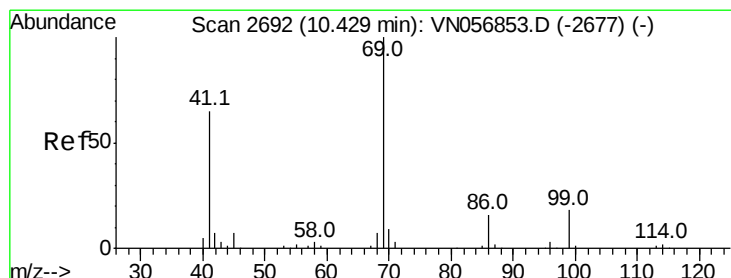
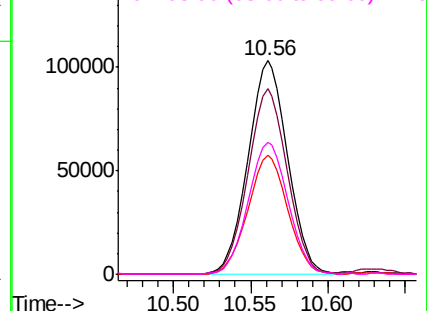
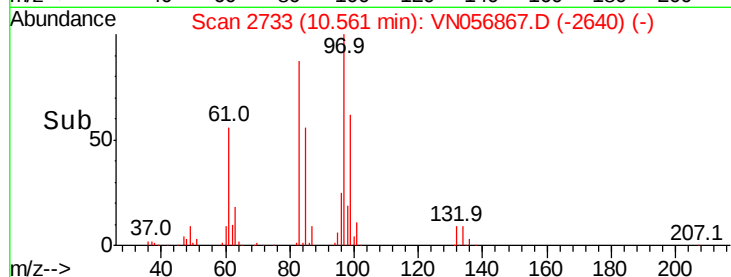
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 55.296 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

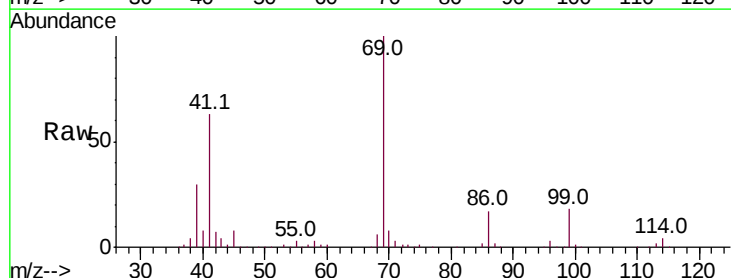
Tgt Ion: 69 Resp: 275597

Ion Ratio Lower Upper

69 100

41 61.4 51.0 76.6

39 29.3 24.5 36.7

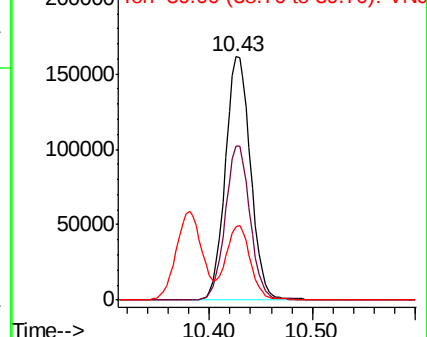
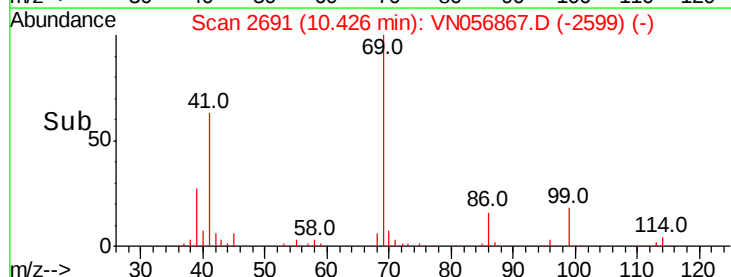


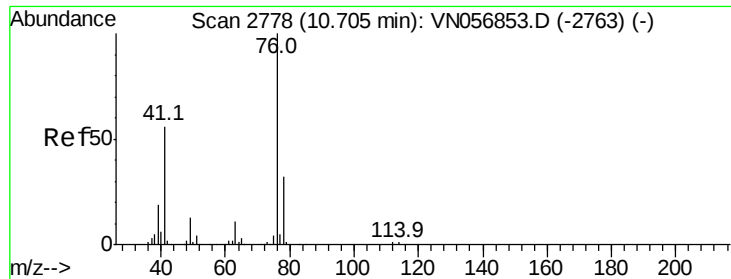
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 51.864 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 308223

Ion Ratio Lower Upper

76 100

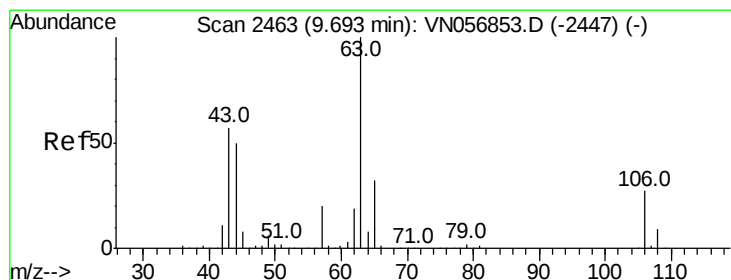
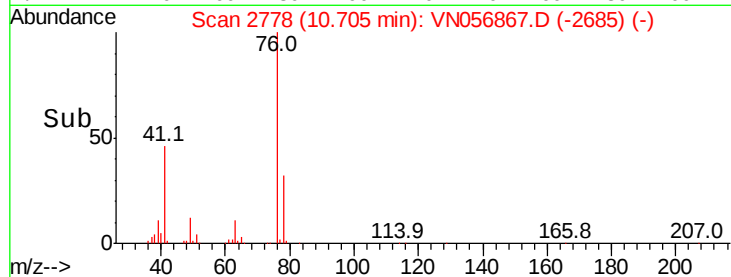
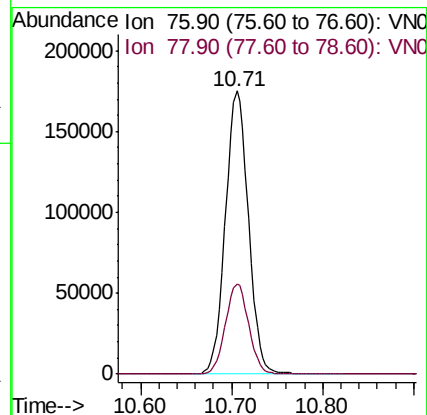
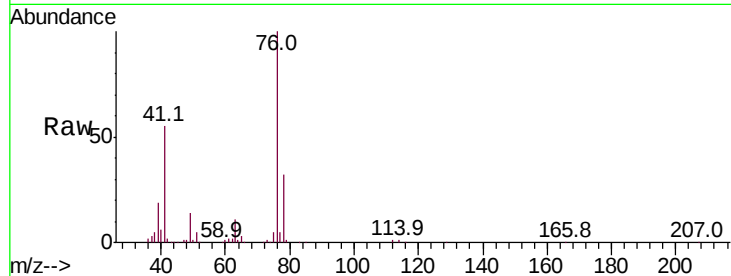
78 32.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 244.464 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN056867.D

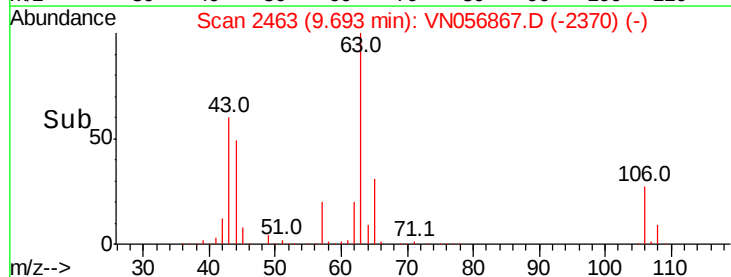
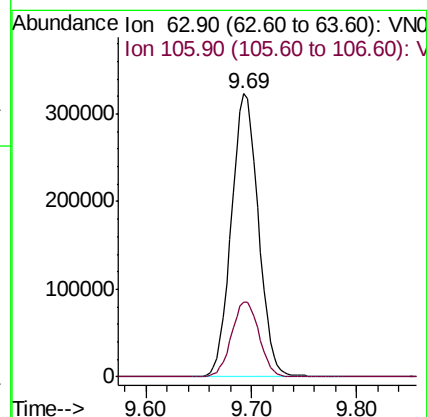
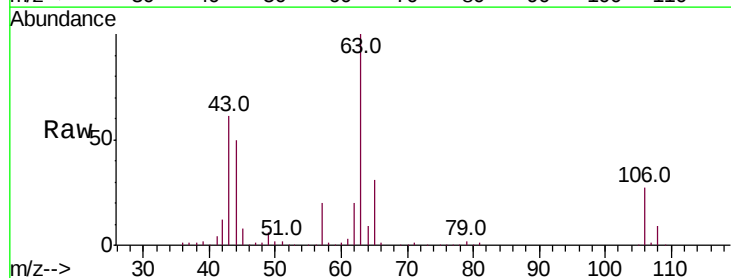
Acq: 22 Jul 2019 20:37

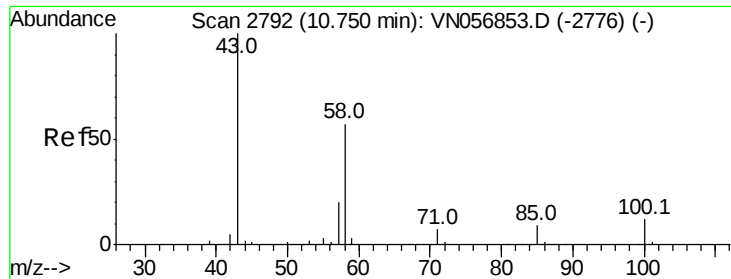
Tgt Ion: 63 Resp: 573373

Ion Ratio Lower Upper

63 100

106 27.2 21.8 32.8





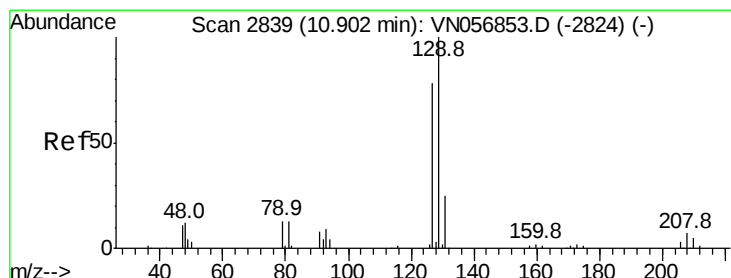
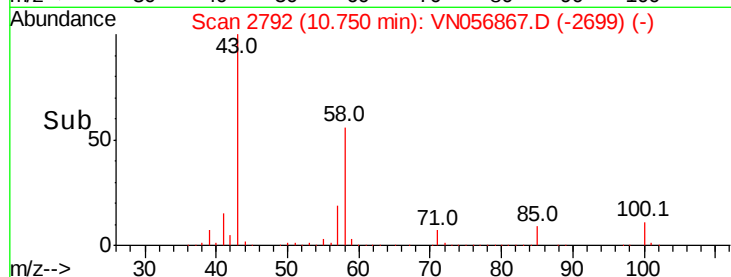
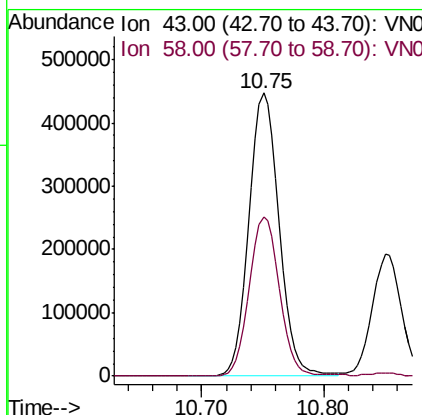
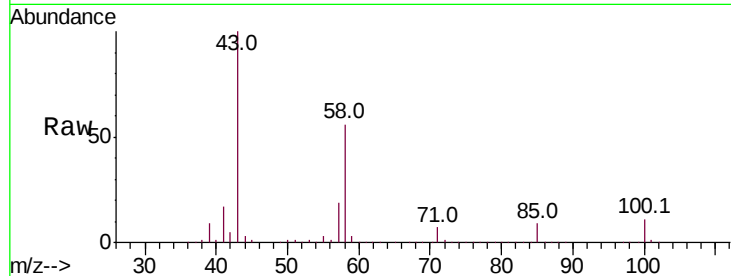
#59
2-Hexanone
Concen: 273.221 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 756609
Ion Ratio Lower Upper
43 100
58 56.8 28.3 85.0

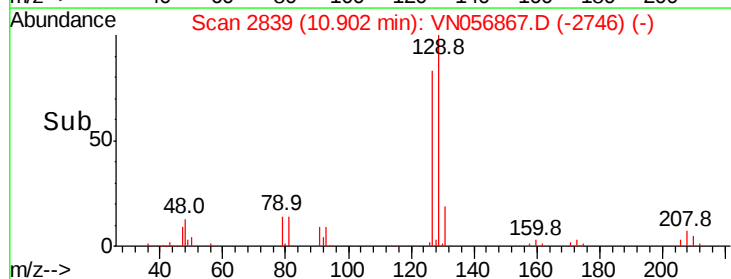
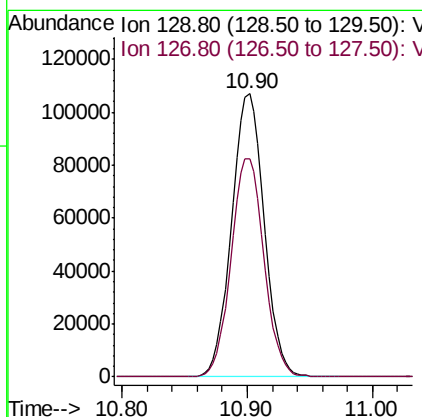
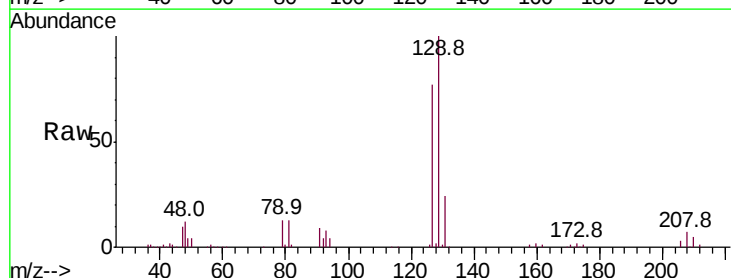
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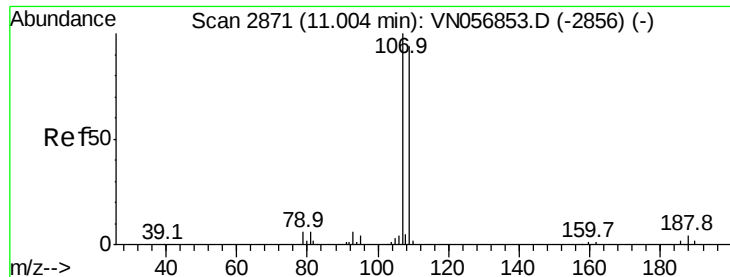
MMDadoda
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#60
Dibromochloromethane
Concen: 53.630 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 129 Resp: 193211
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





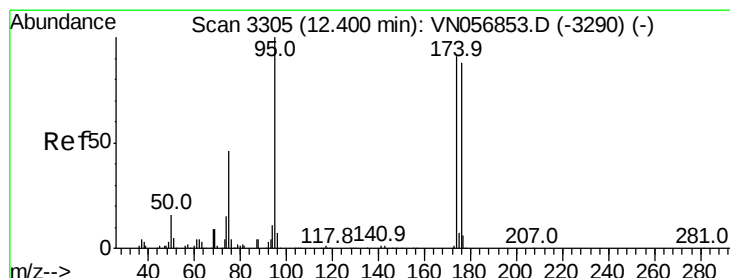
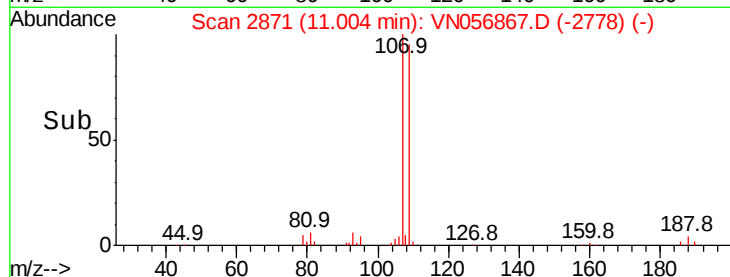
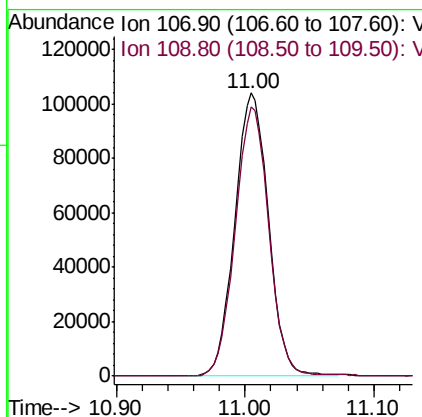
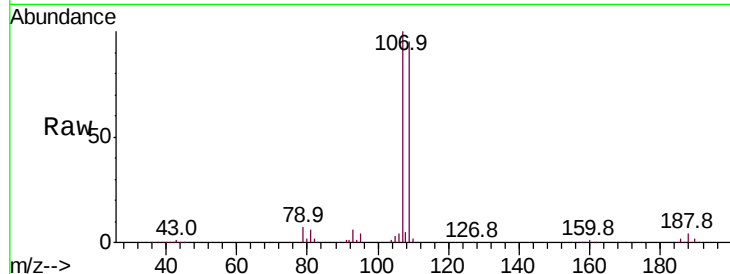
#61
 1,2-Dibromoethane
 Concen: 53.005 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.3	112.9

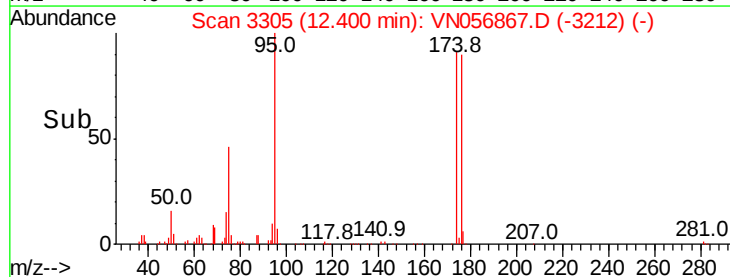
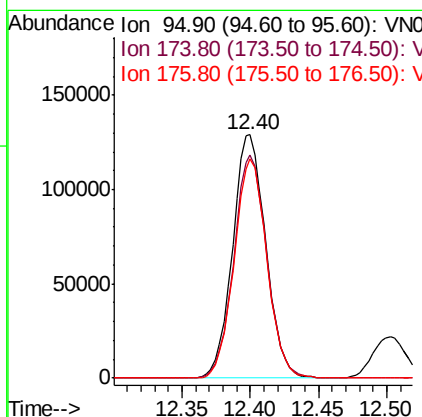
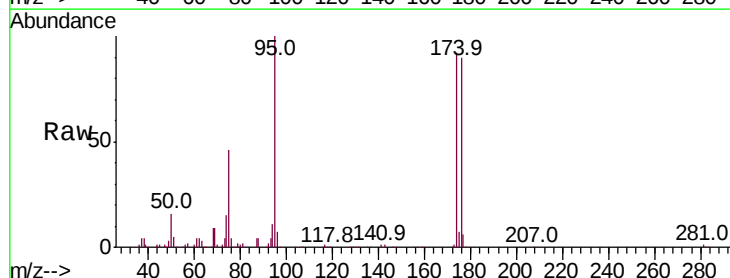
Manual Integrations
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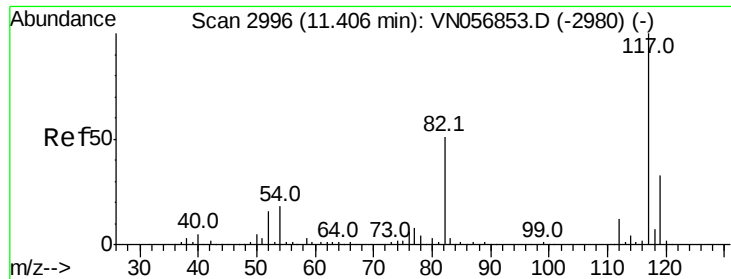
MMDadoda
 7/25/2019 3:01:55 PM



#62
 4-Bromofluorobenzene
 Concen: 52.177 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	183.4
176	88.9	0.0	175.8





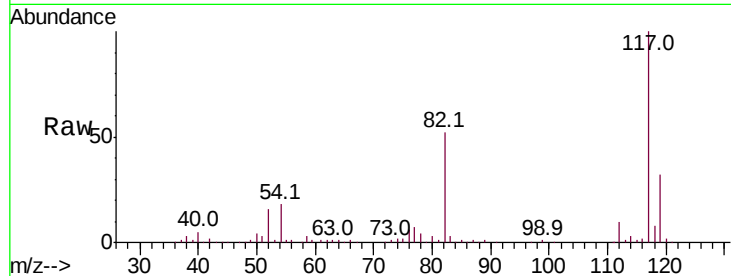
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.2	61.8
119	32.3	26.4	39.6

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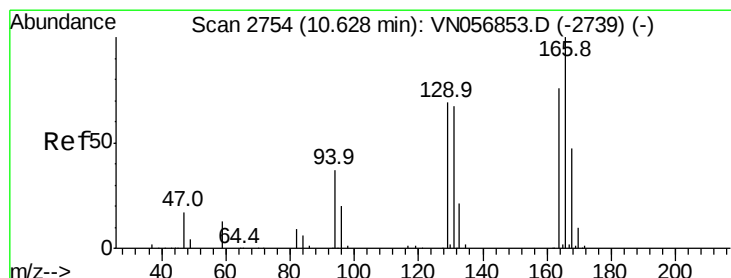
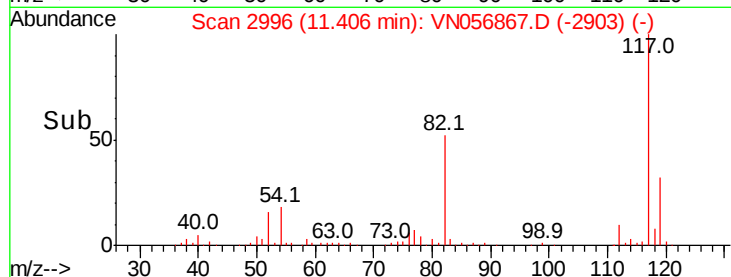
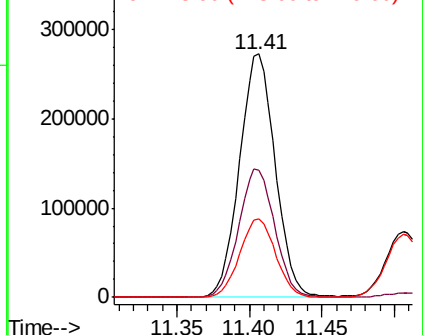


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.616 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	104.9	157.3
129	90.4	72.8	109.2
131	87.1	70.2	105.2

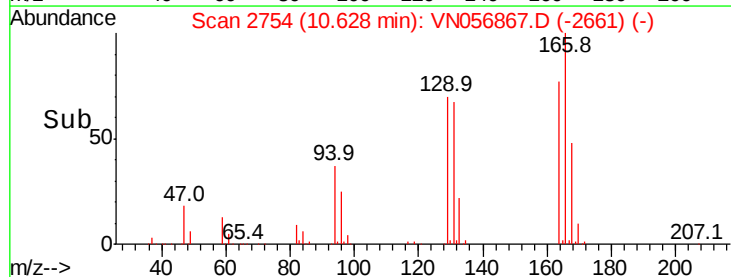
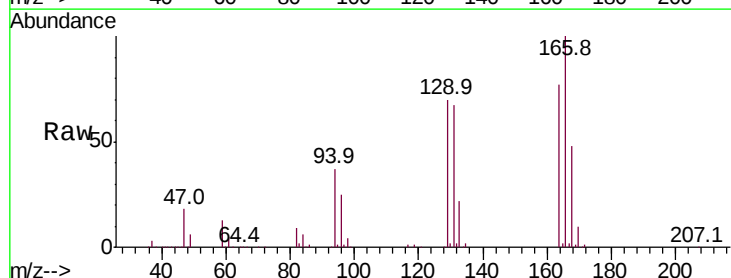
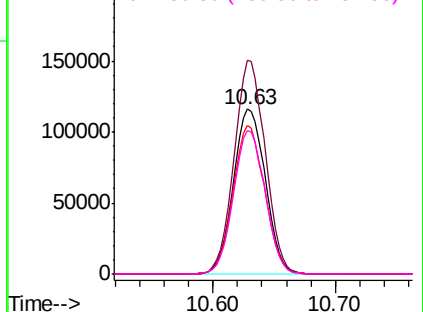
Abundance

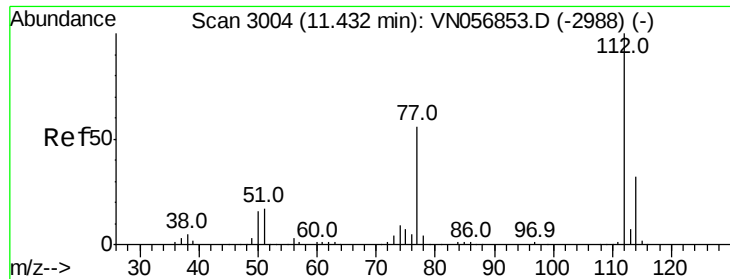
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





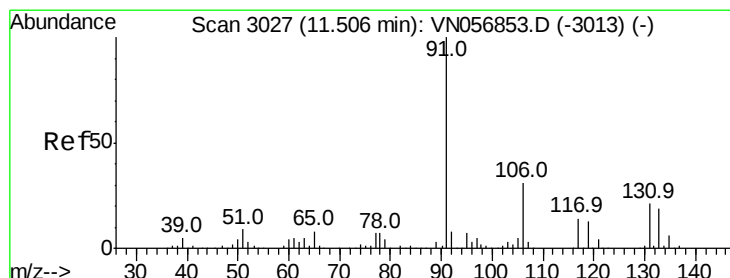
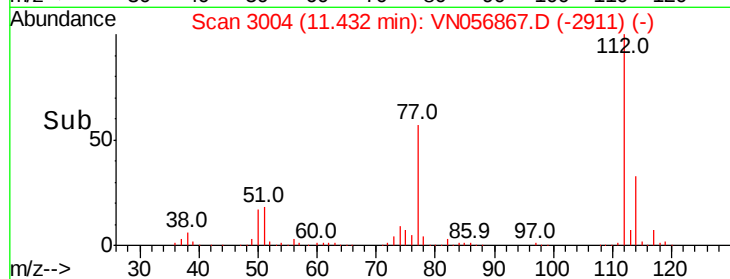
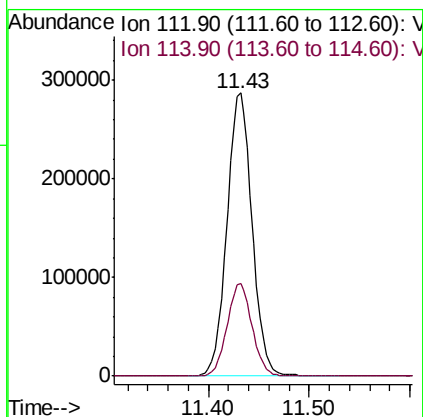
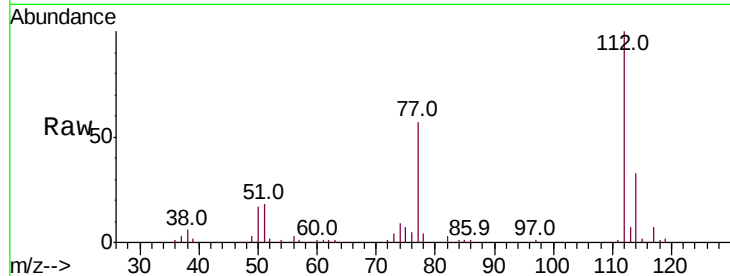
#65
Chlorobenzene
Concen: 51.333 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 498798
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3

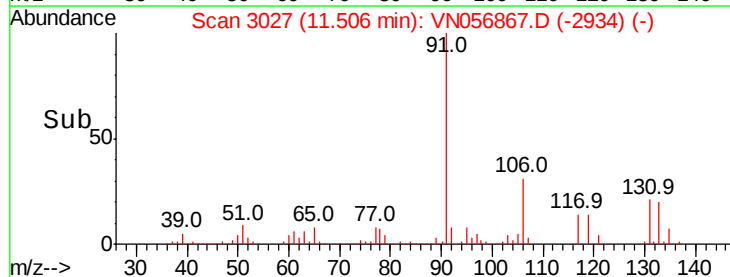
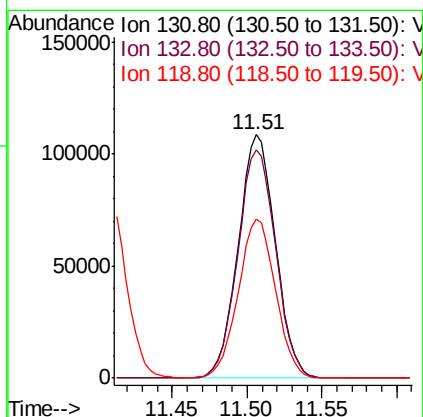
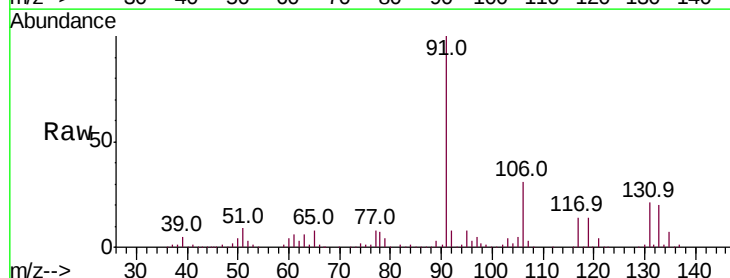
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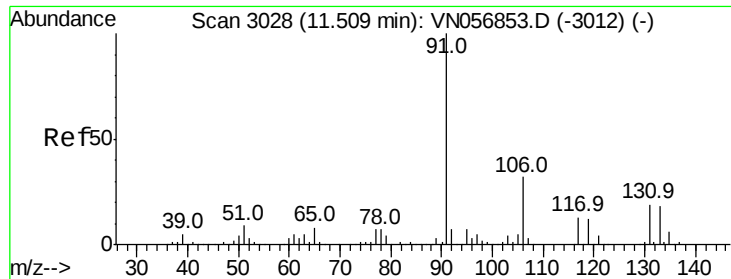
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.201 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion:131 Resp: 187564
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.3
119 65.7 33.1 99.5





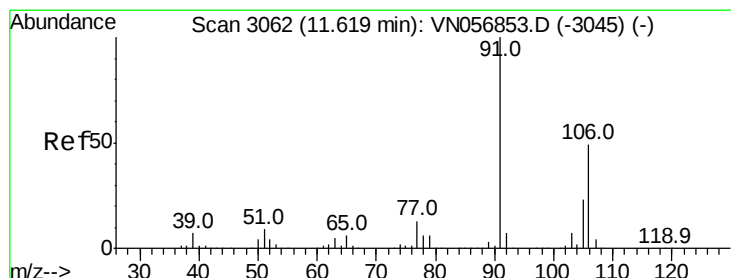
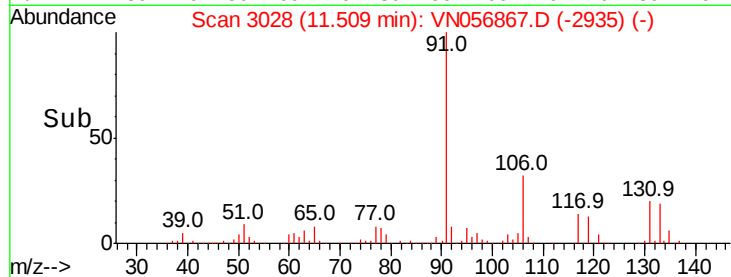
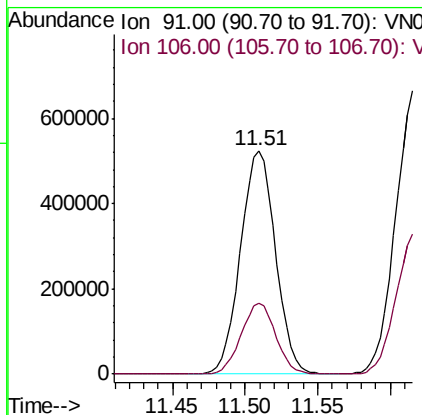
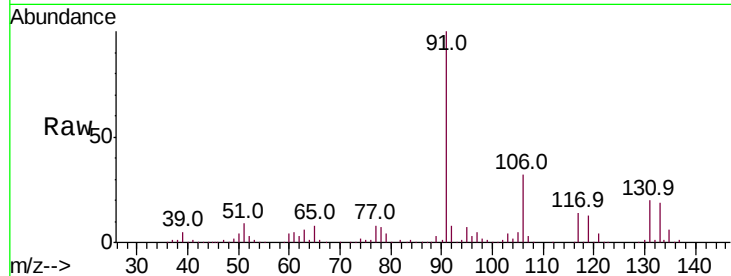
#67
Ethyl Benzene
Concen: 52.375 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 878567
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9

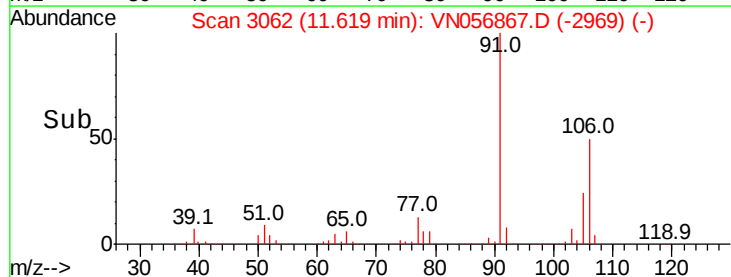
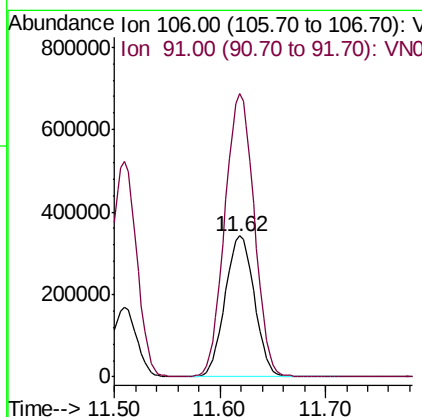
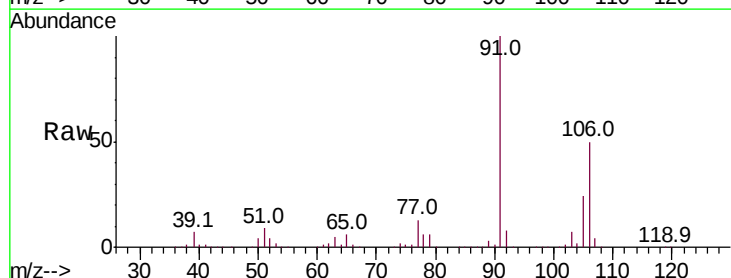
Manual Integrations
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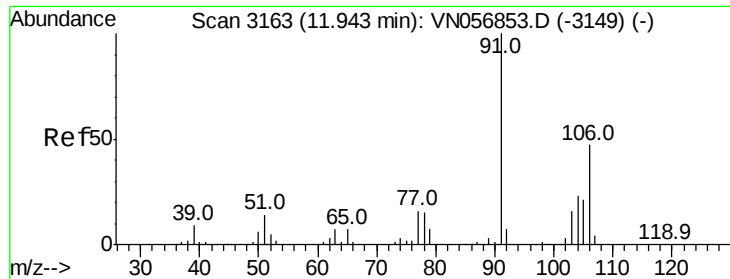
MMDadoda
7/25/2019 3:01:55 PM



#68
m/p-Xylenes
Concen: 105.040 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 106 Resp: 659640
Ion Ratio Lower Upper
106 100
91 201.4 160.5 240.7





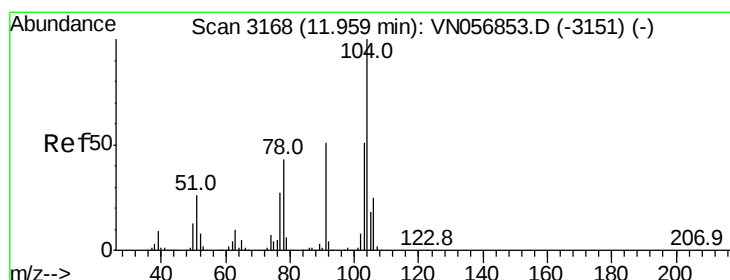
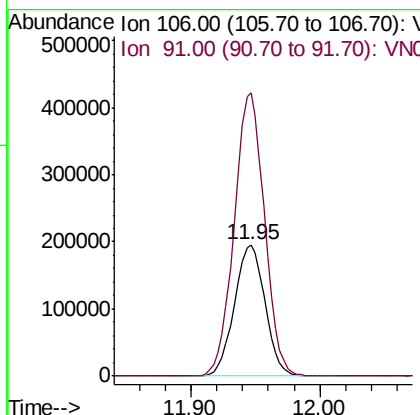
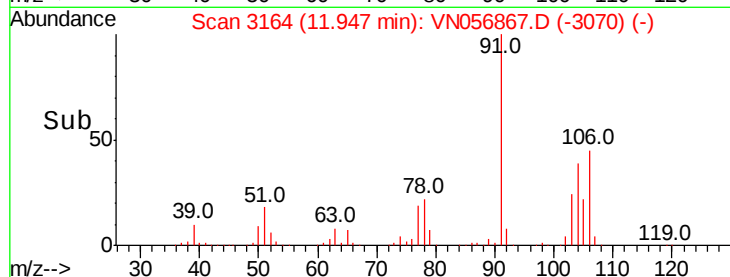
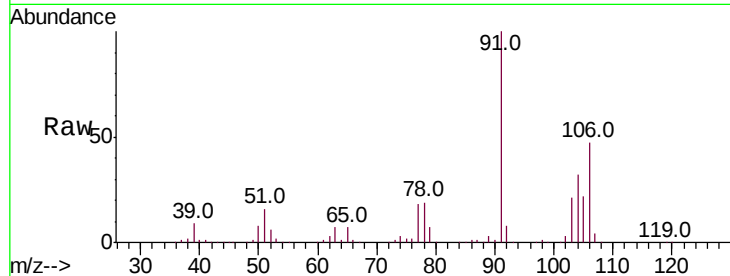
#69
o-Xylene
Concen: 52.495 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 321818
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.3

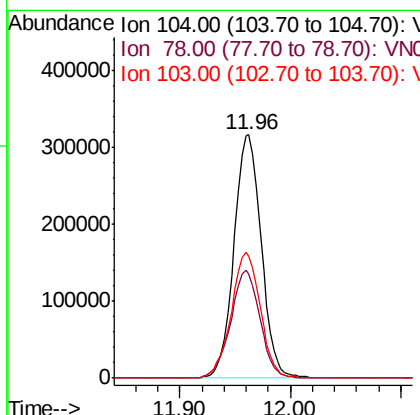
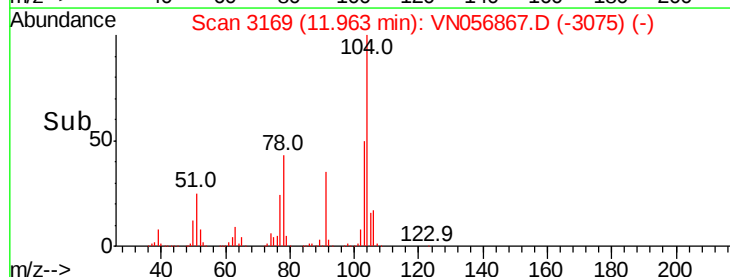
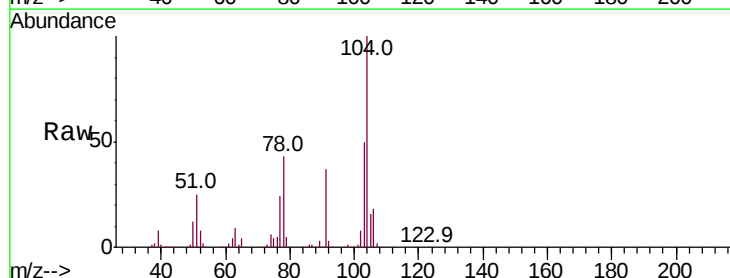
Manual Integrations
APPROVED

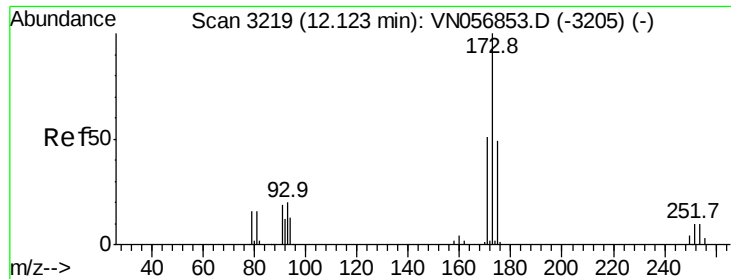
MMDadoda
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#70
Styrene
Concen: 50.414 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion:104 Resp: 542382
Ion Ratio Lower Upper
104 100
78 47.8 38.1 57.1
103 55.2 44.2 66.4





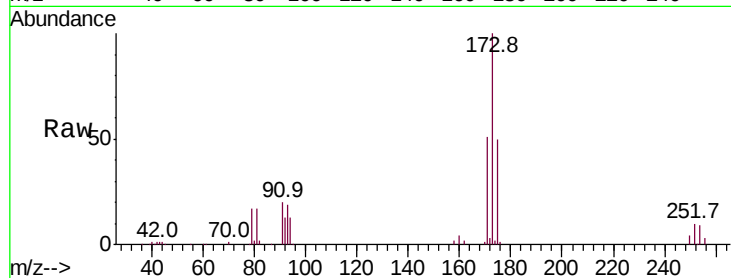
#71
Bromoform
Concen: 53.988 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.3
254	0.0	0.0	0.0

Manual Integrations
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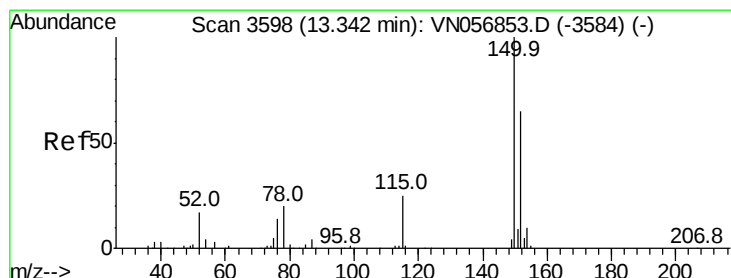
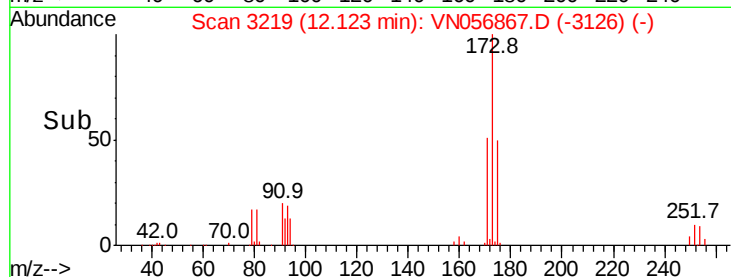
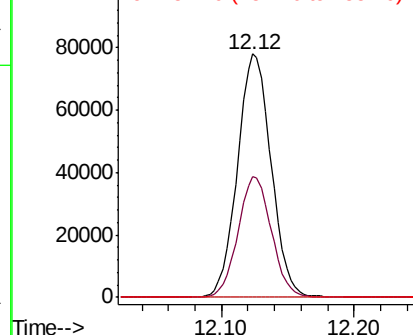


Abundance

Ion 172.70 (172.40 to 173.40): V

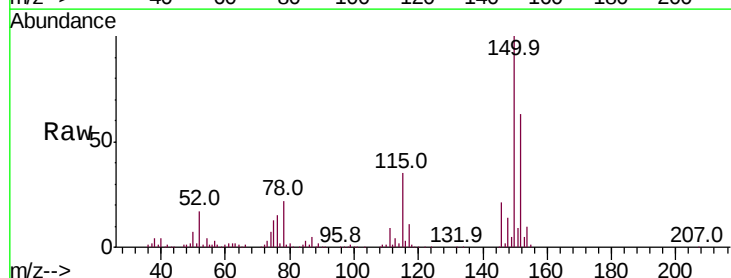
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.6	82.7
150	174.6	0.0	343.0

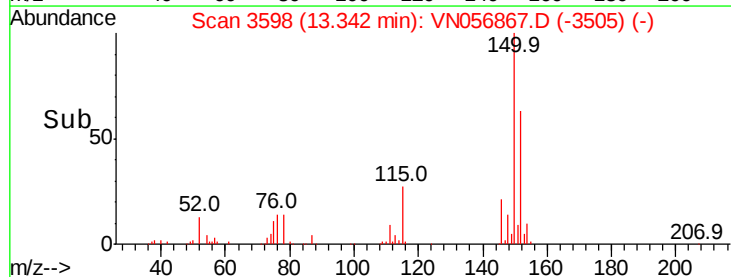
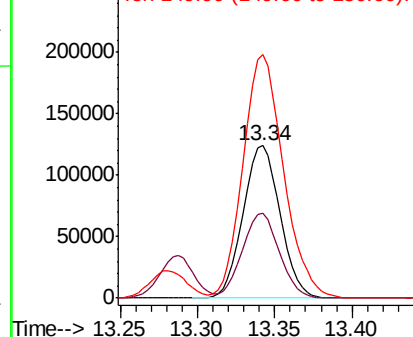


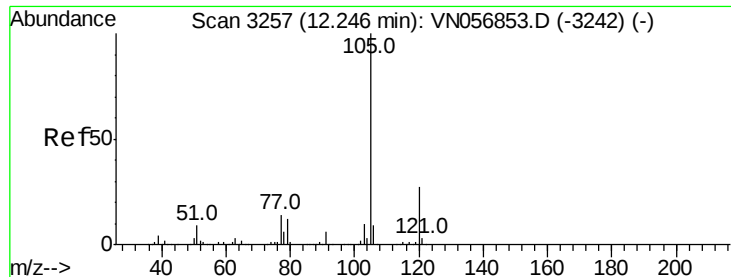
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.170 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 860784

Ion Ratio Lower Upper

105 100

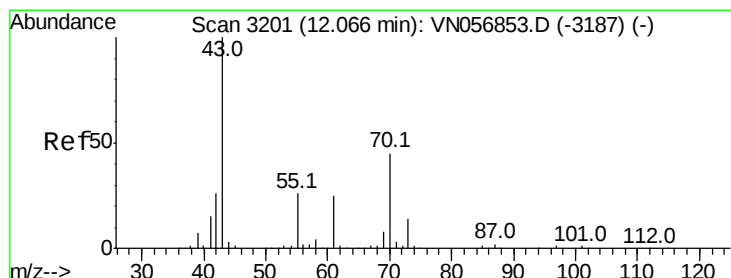
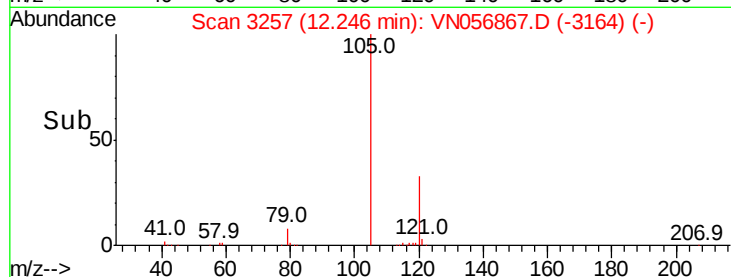
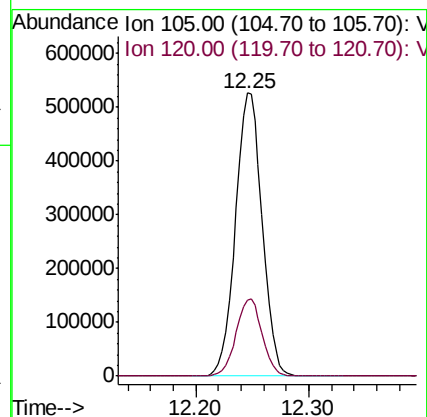
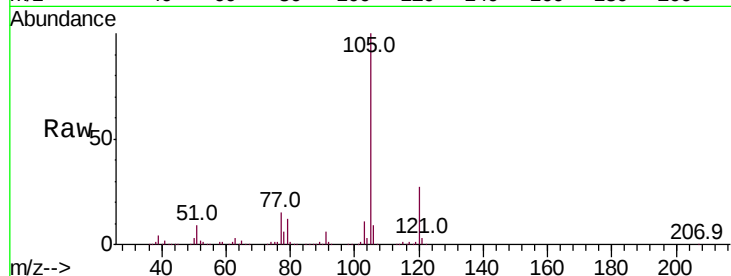
120 26.7 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.543 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Tgt Ion: 43 Resp: 301061

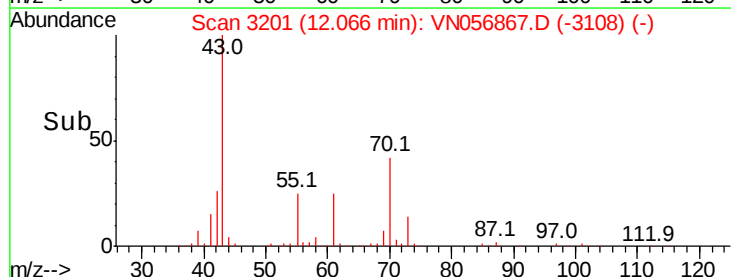
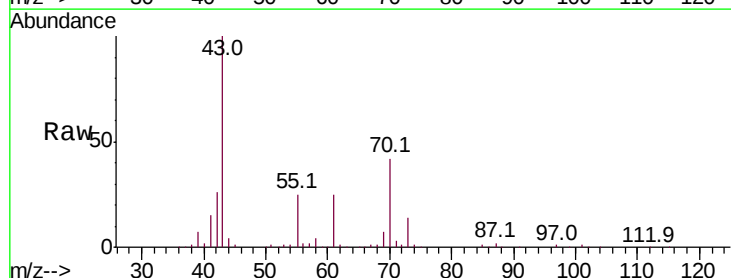
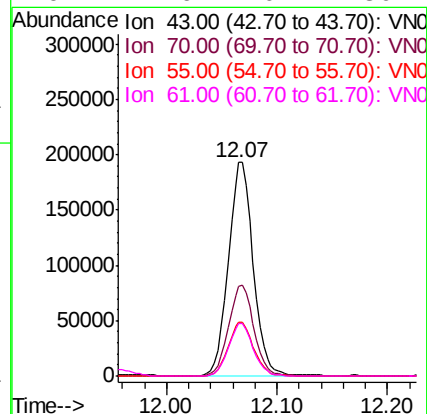
Ion Ratio Lower Upper

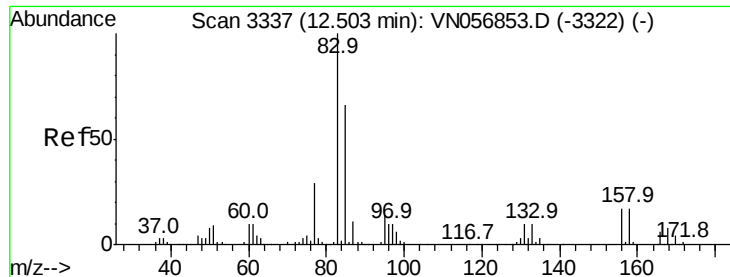
43 100

70 43.5 35.3 52.9

55 25.8 20.6 31.0

61 24.6 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.653 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 243833

Ion Ratio Lower Upper

83 100

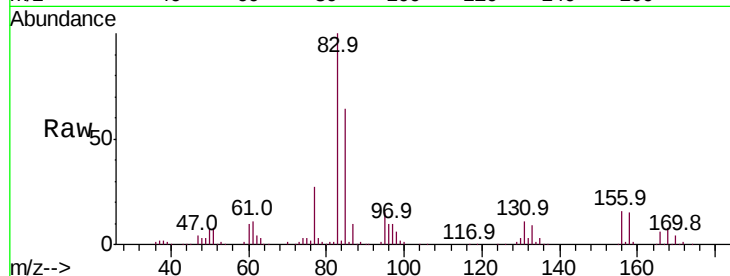
131 10.5 5.1 15.4

85 64.8 32.8 98.3

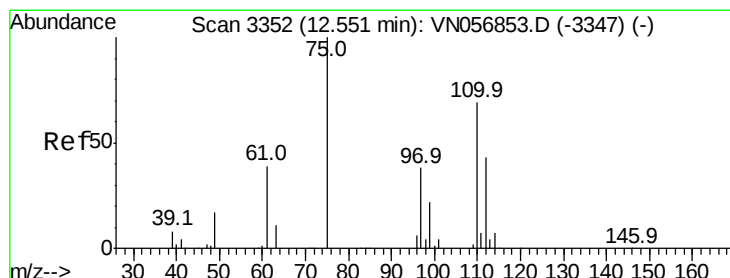
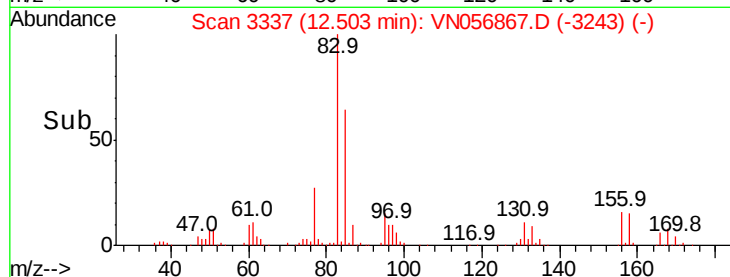
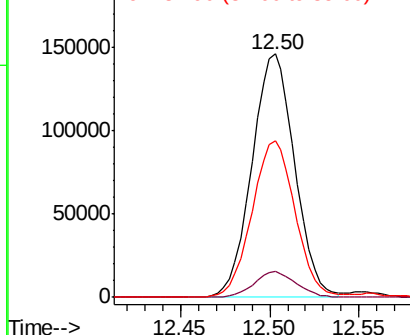
Manual Integrations
APPROVED

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 49.181 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056867.D

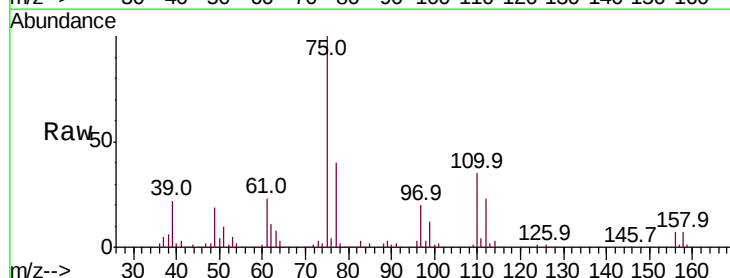
Acq: 22 Jul 2019 20:37

Tgt Ion: 75 Resp: 210948

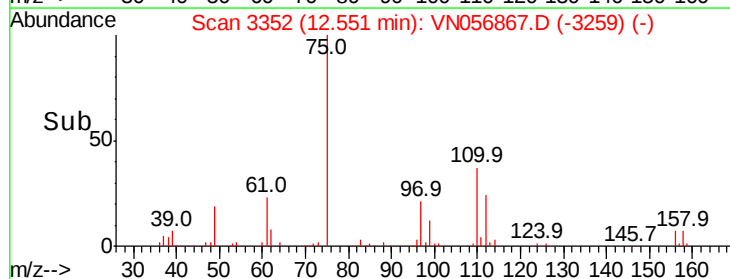
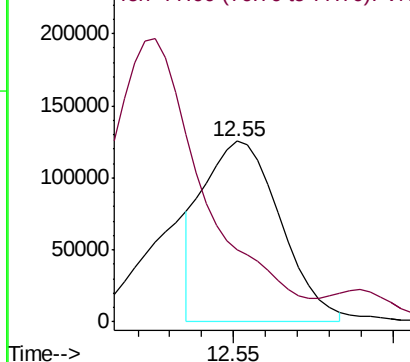
Ion Ratio Lower Upper

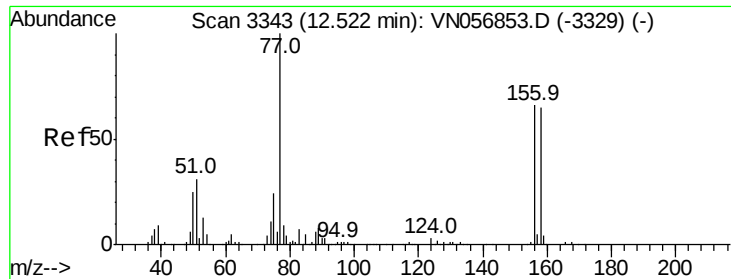
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





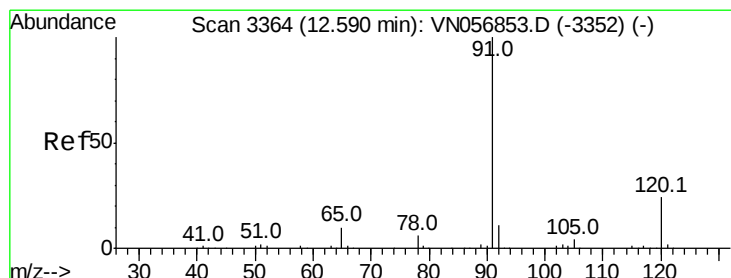
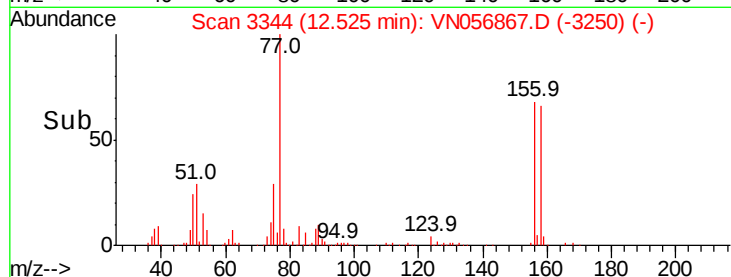
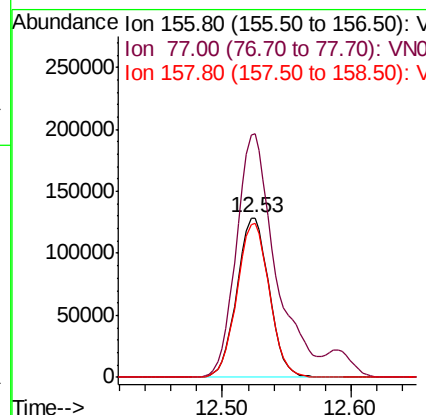
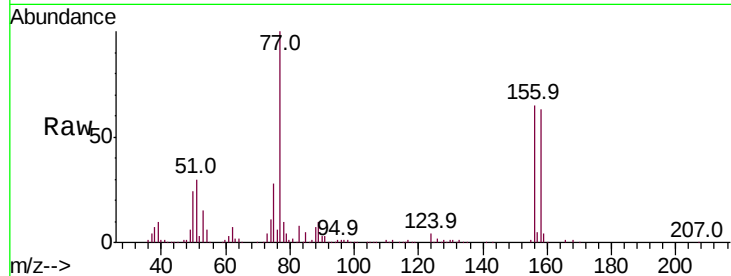
#77
Bromobenzene
Concen: 49.478 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	184.3	90.7	272.1
158	97.4	48.5	145.5

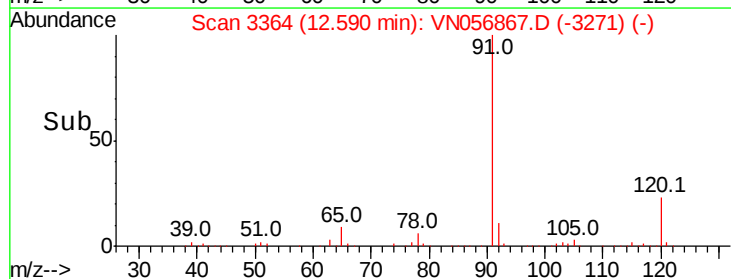
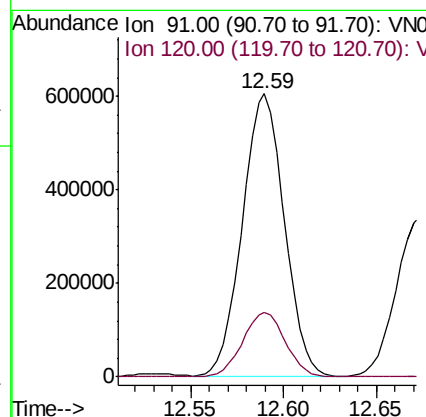
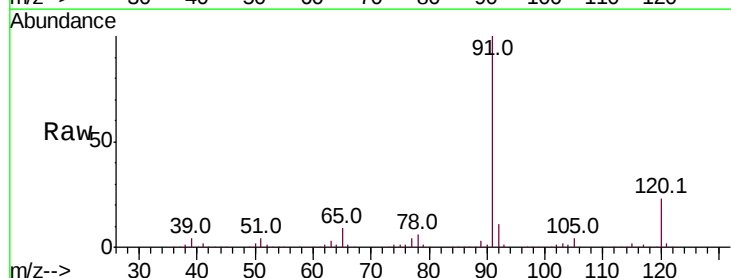
Manual Integrations
APPROVED

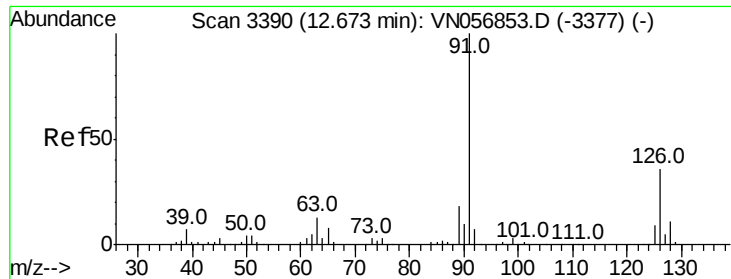
MMDadoda
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#78
n-propylbenzene
Concen: 49.834 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.4





#79

2-Chlorotoluene

Concen: 53.872 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 560957

Ion Ratio Lower Upper

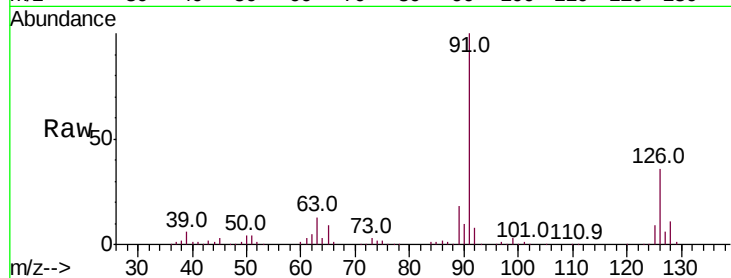
91 100

126 36.0 17.8 53.5

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN056853.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN056853.D (-3377) (-)

600000

500000

400000

300000

200000

100000

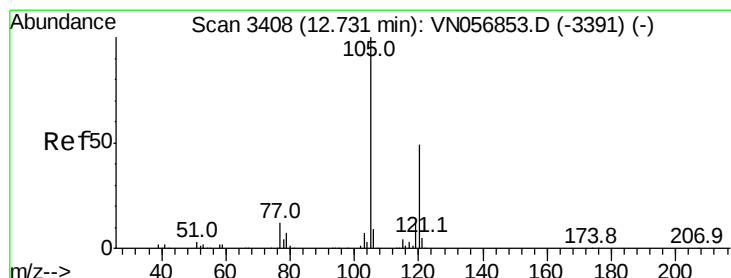
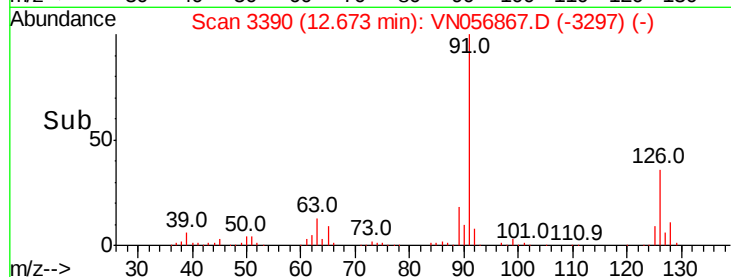
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.373 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056867.D

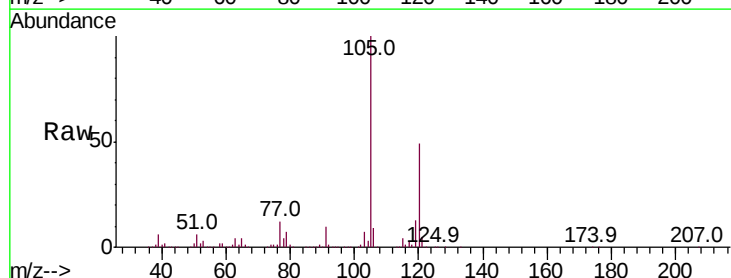
Acq: 22 Jul 2019 20:37

Tgt Ion:105 Resp: 718196

Ion Ratio Lower Upper

105 100

120 49.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN056853.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056853.D (-3391) (-)

500000

400000

300000

200000

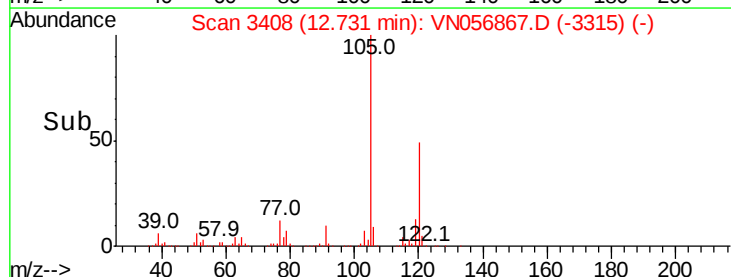
100000

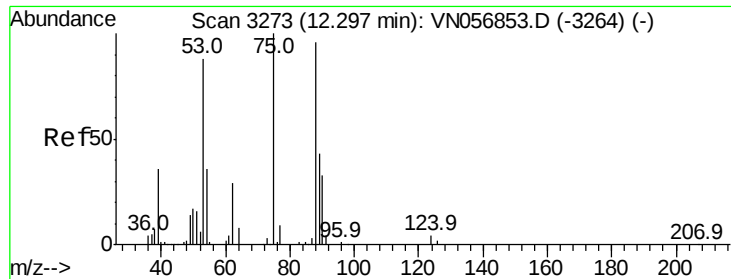
0

12.70

12.80

Time-->





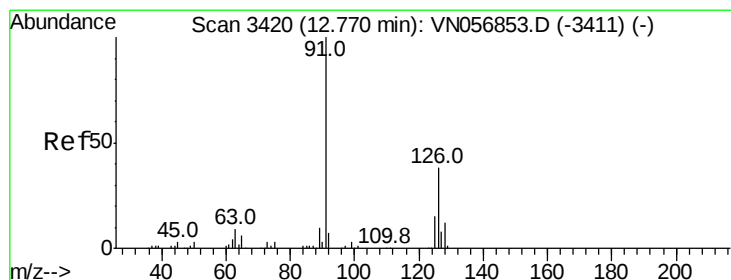
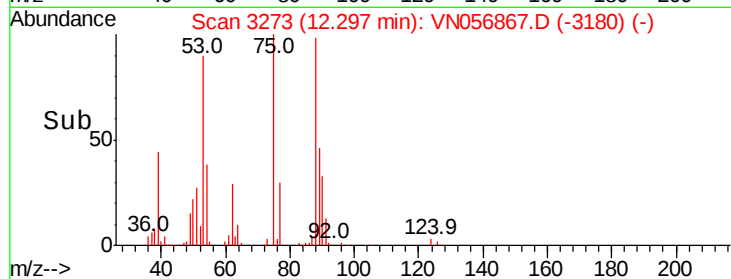
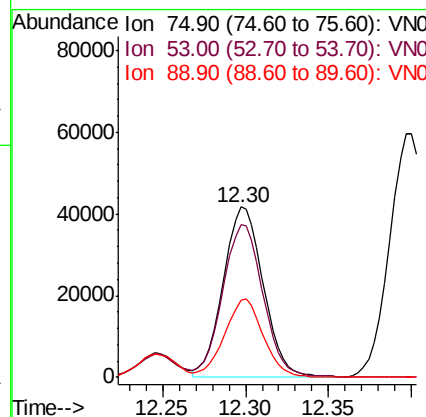
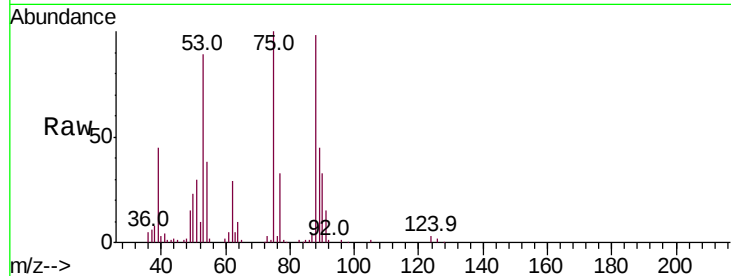
#81
trans-1,4-Dichloro-2-butene
Concen: 52.632 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.2	72.3	108.5
89	44.4	36.2	54.4

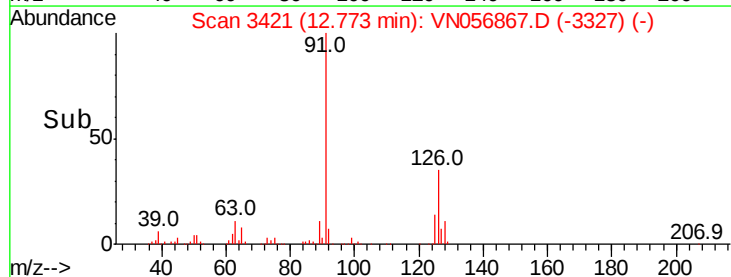
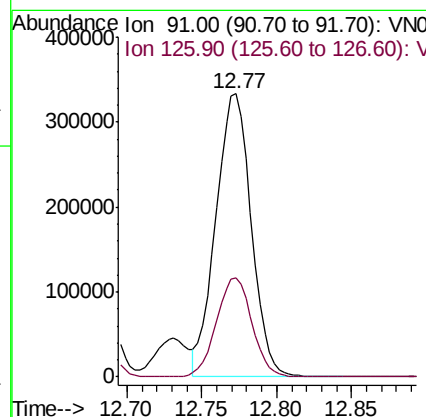
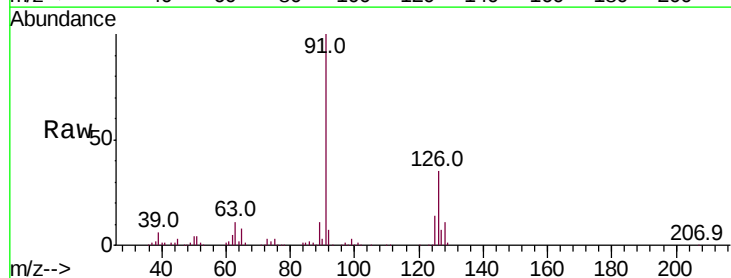
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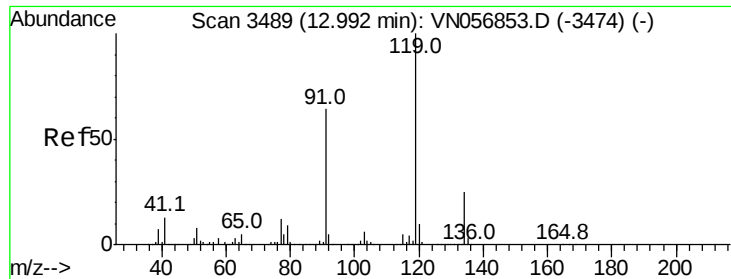
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.481 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.3	52.0





#83

tert-Butylbenzene

Concen: 53.594 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

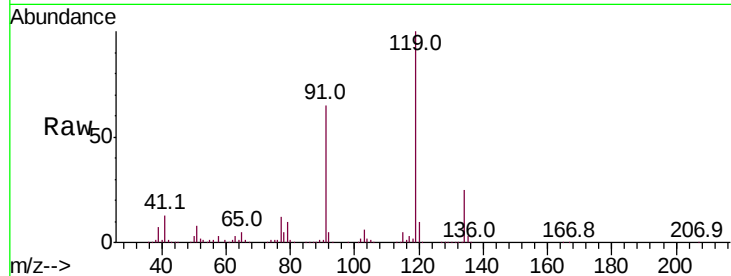
ClientSampleId :

VSTDCCC050EC

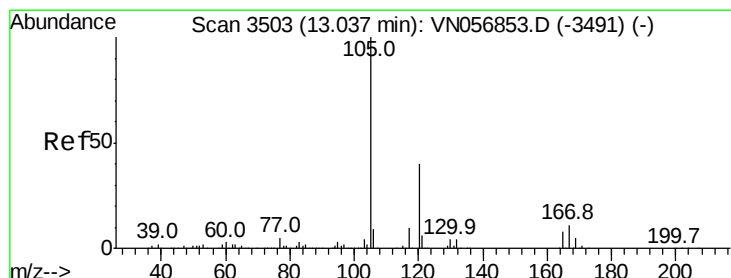
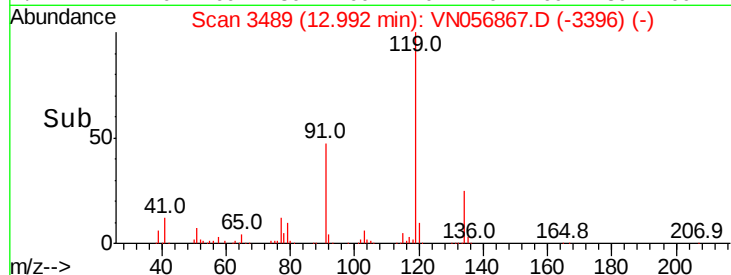
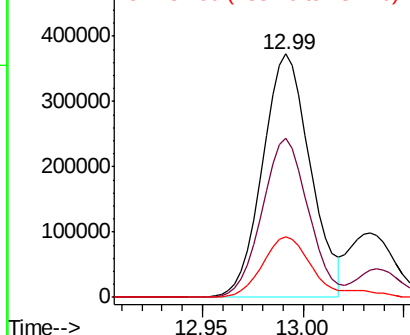
Tot Ion:	119	Resp:	614245
Ion Ratio	Lower	Upper	
119	100		
91	63.6	31.5	94.5
134	26.7	12.2	36.6

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.644 ug/l

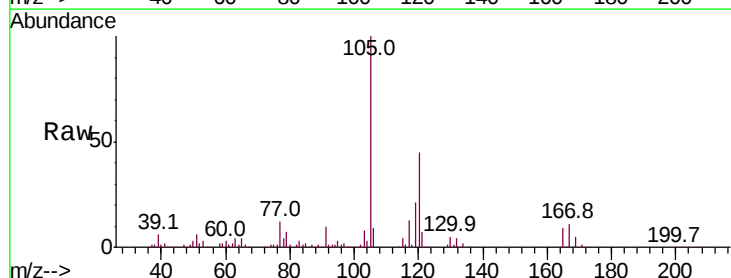
RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

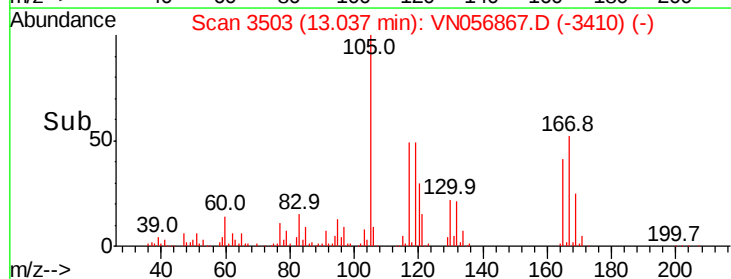
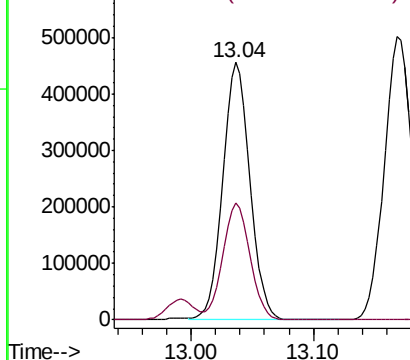
Lab File: VN056867.D

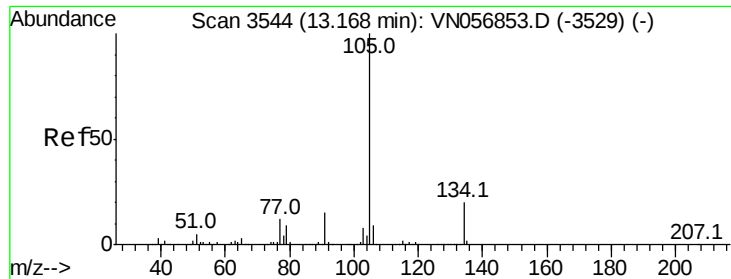
Acq: 22 Jul 2019 20:37

Tgt Ion:	105	Resp:	711824
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.2	69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.056 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 809733

Ion Ratio Lower Upper

105 100

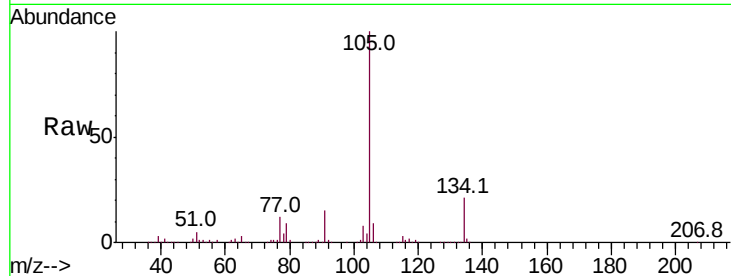
134 20.4 10.1 30.1

Manual Integrations

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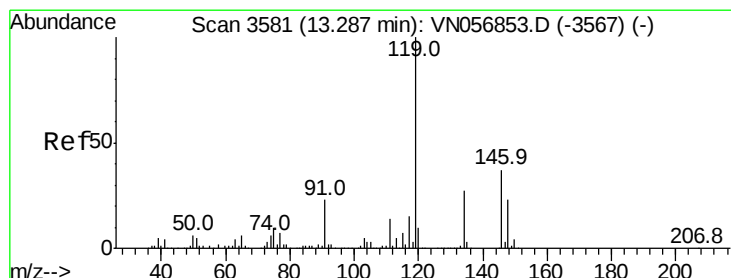
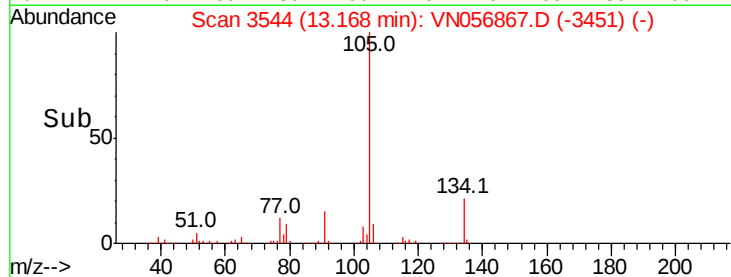
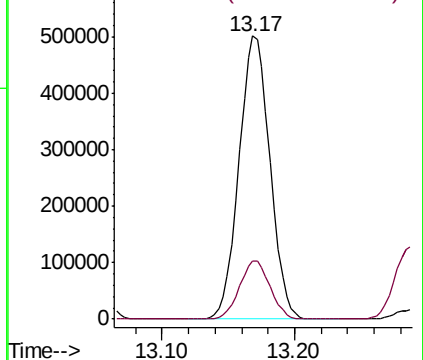
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.581 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

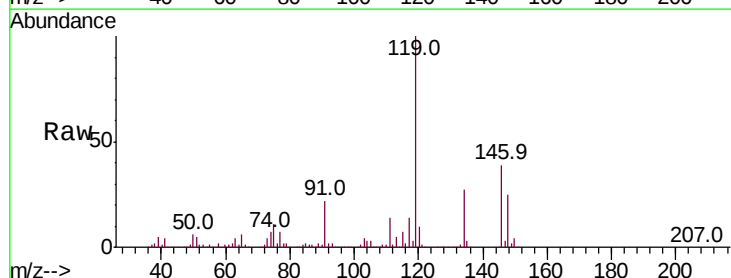
Tgt Ion:119 Resp: 729234

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

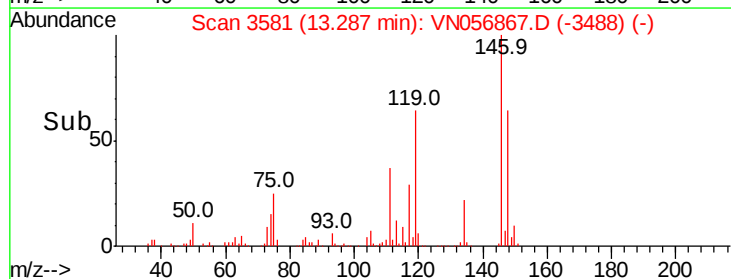
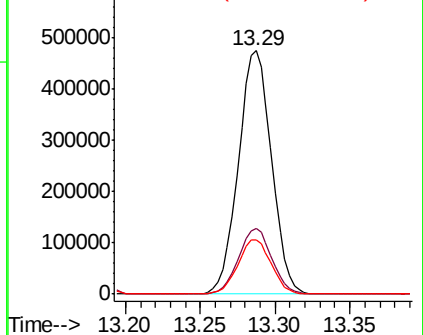
91 22.5 11.3 33.8

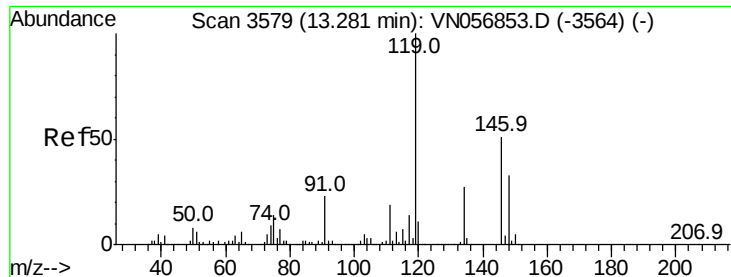


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





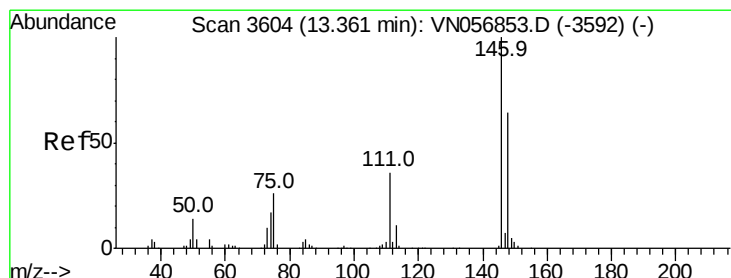
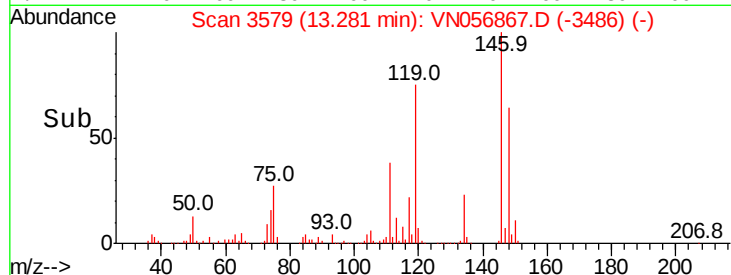
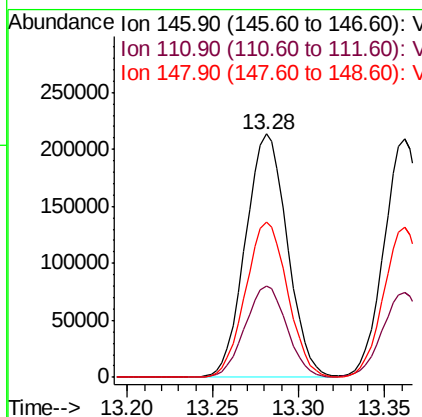
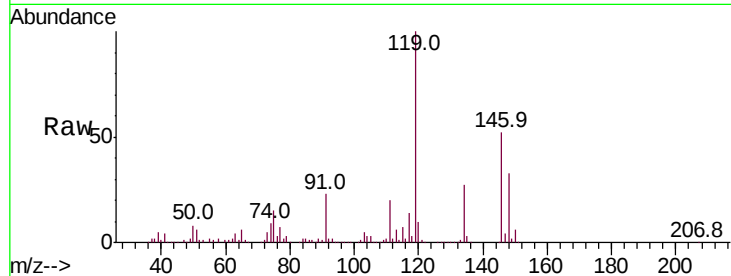
#87
 1,3-Dichlorobenzene
 Concen: 49.780 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	64.1	32.1	96.3

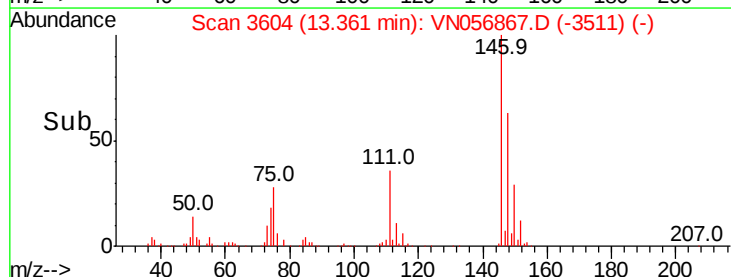
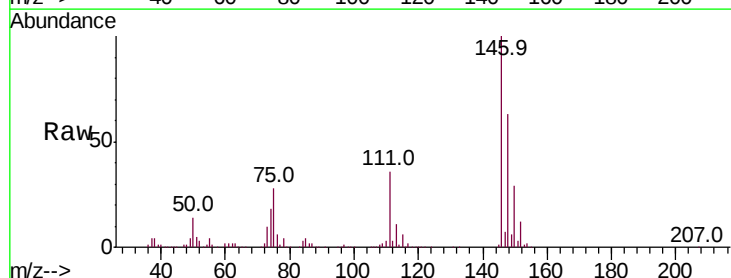
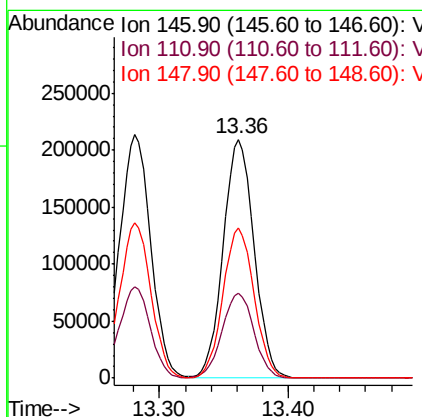
Manual Integrations
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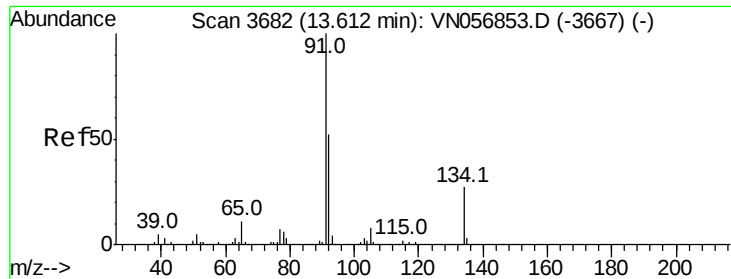
MMDadoda
 7/25/2019 3:01:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.592 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.3	54.9
148	63.1	32.1	96.3





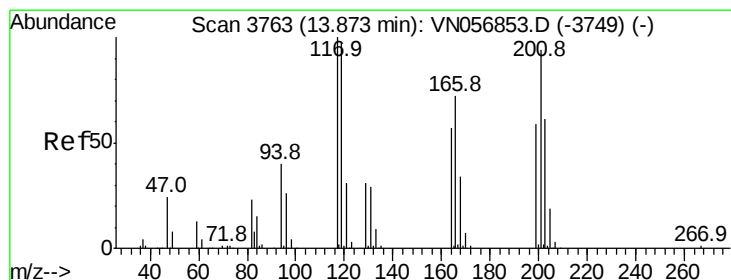
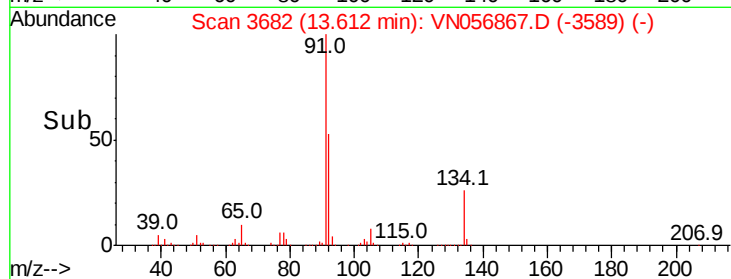
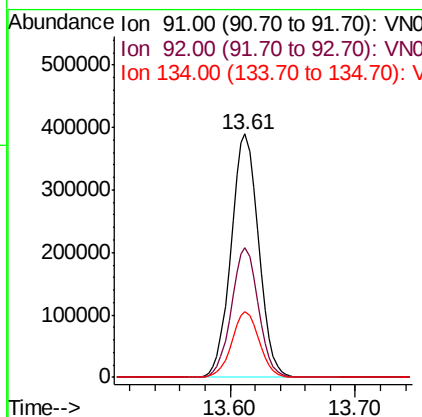
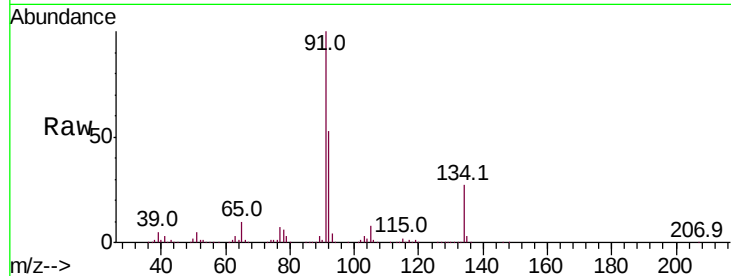
#89
n-Butylbenzene
Concen: 51.262 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	26.8	13.3	39.9

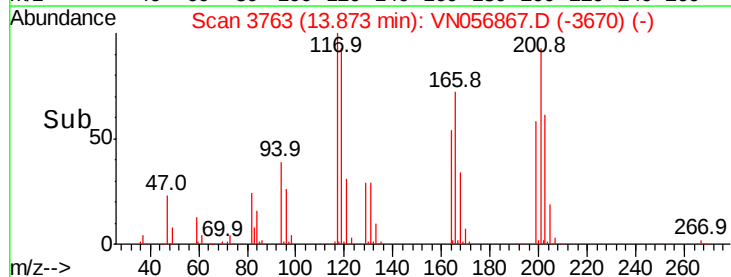
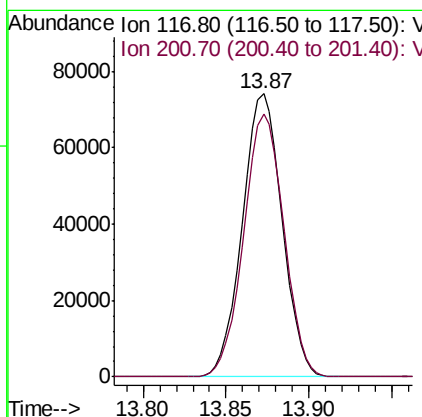
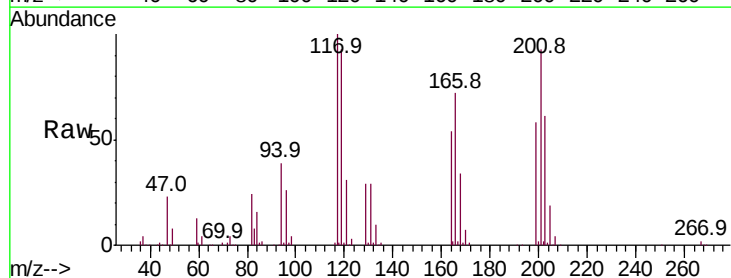
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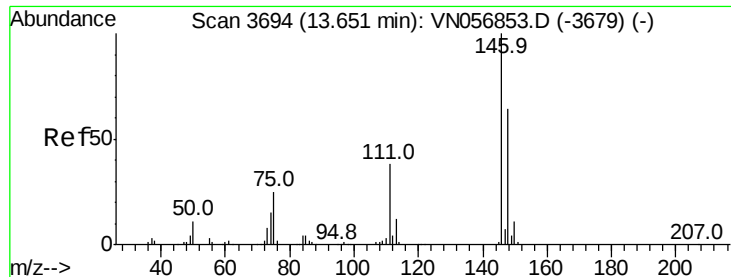
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#90
Hexachloroethane
Concen: 47.207 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.9	47.1	141.3





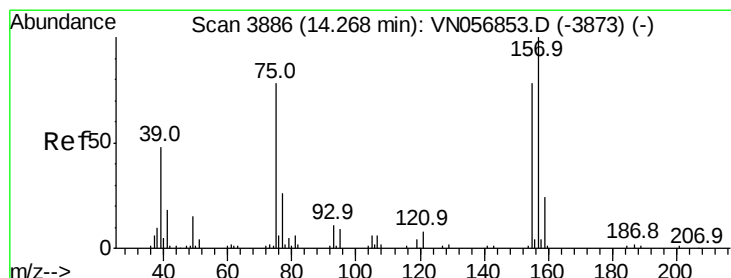
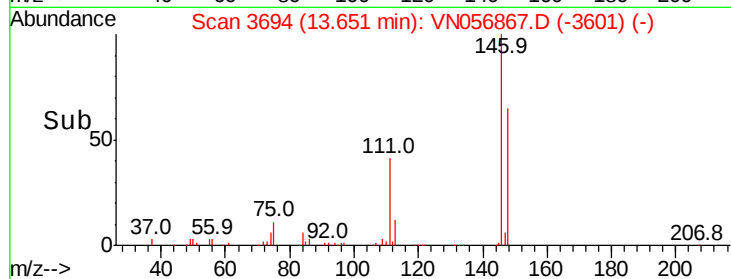
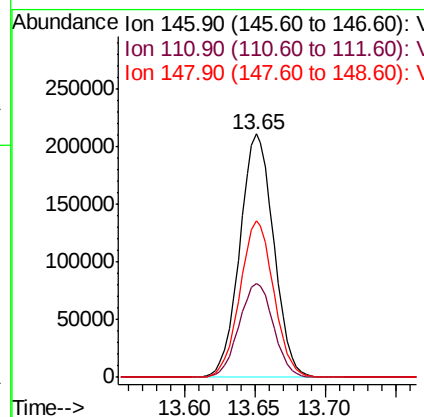
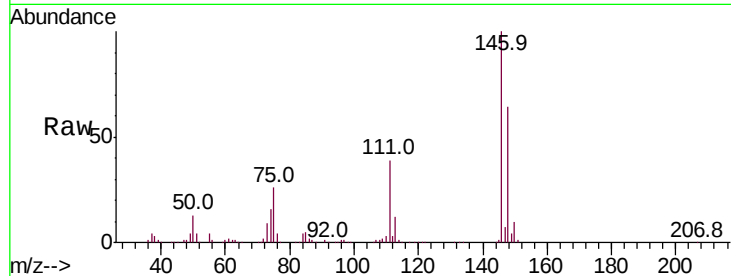
#91
 1,2-Dichlorobenzene
 Concen: 48.861 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.5
148	64.1	32.1	96.5

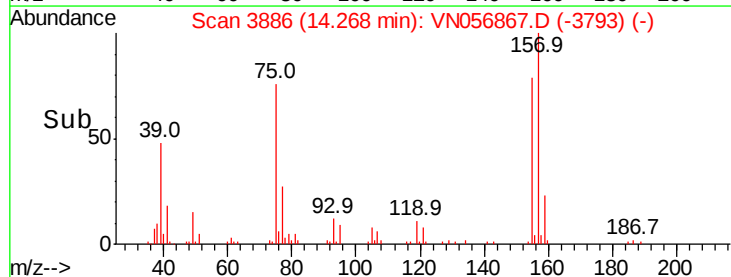
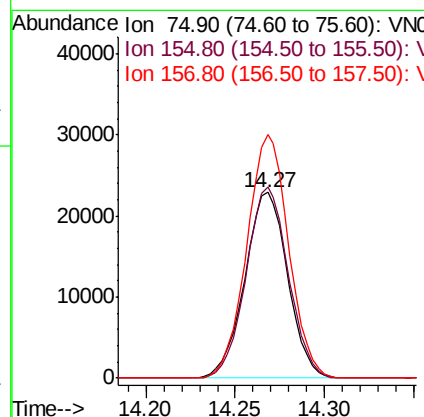
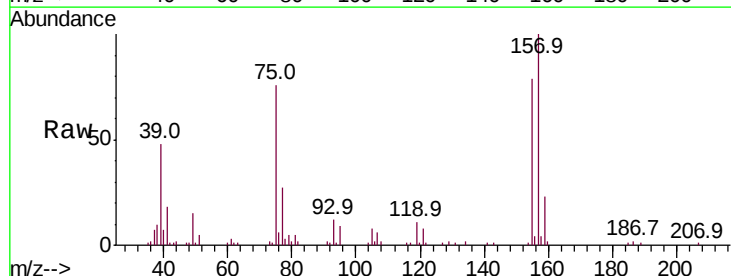
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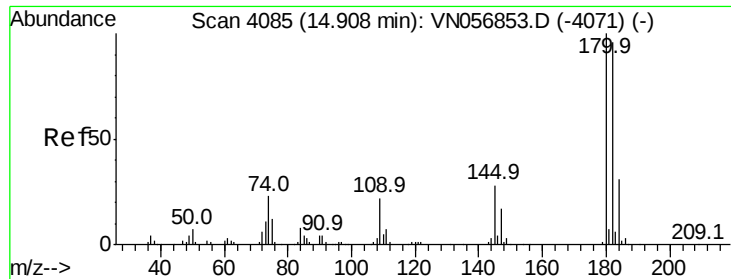
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.585 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.2	49.9	149.6
157	127.8	64.8	194.4





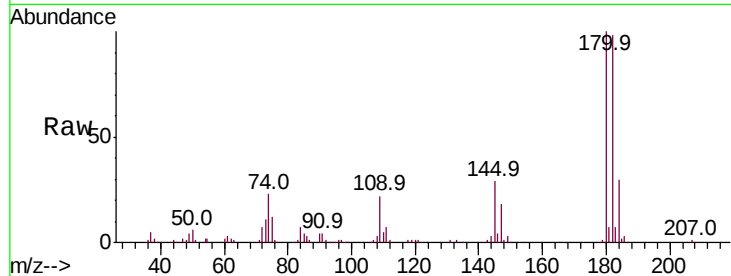
#93
 1,2,4-Trichlorobenzene
 Concen: 44.625 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

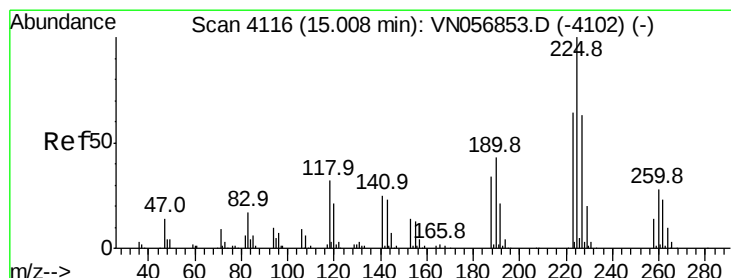
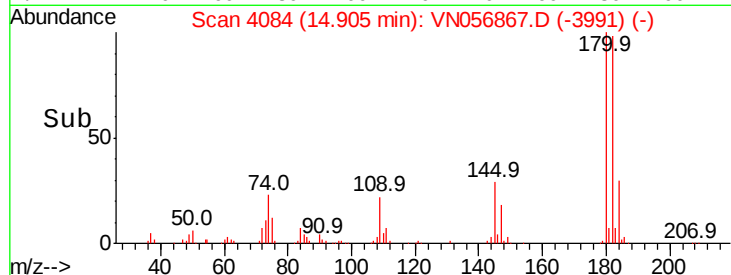
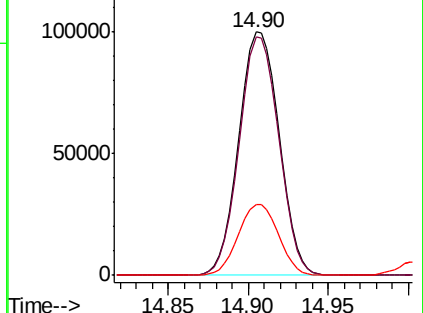
Tot Ion	Ratio	Resp	Lower	Upper
180	100	172569		
182	96.1	47.9	143.7	
145	28.8	14.1	42.3	

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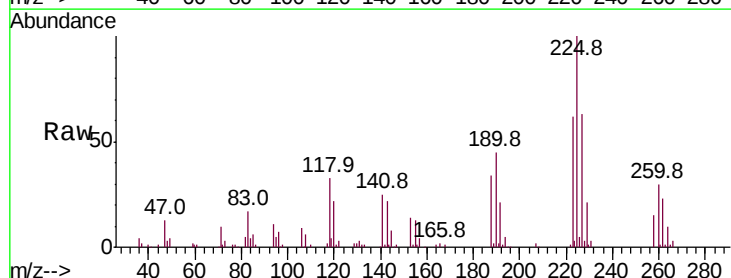


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

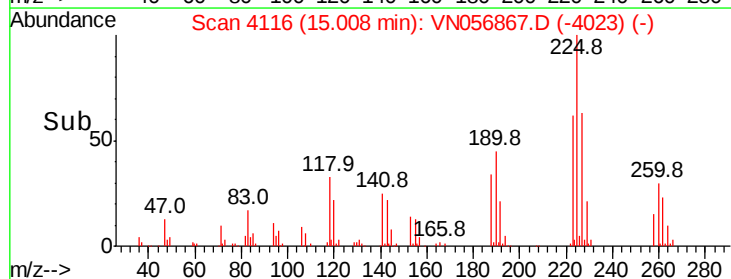
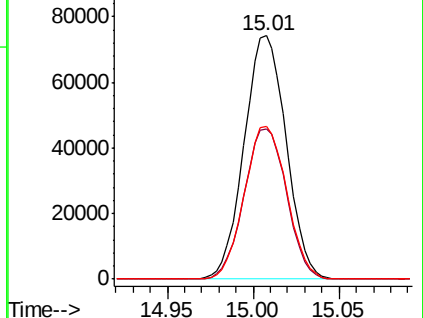


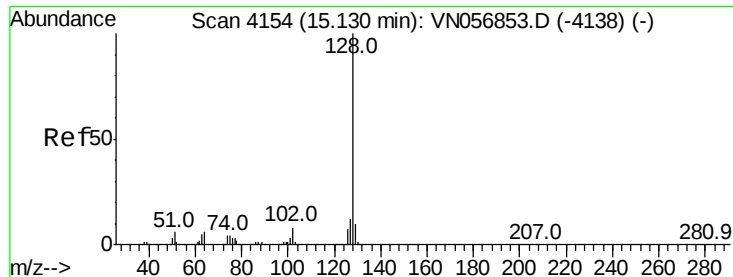
#94
 Hexachlorobutadiene
 Concen: 51.935 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125736		
223	62.4	31.9	95.5	
227	63.1	31.7	95.1	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





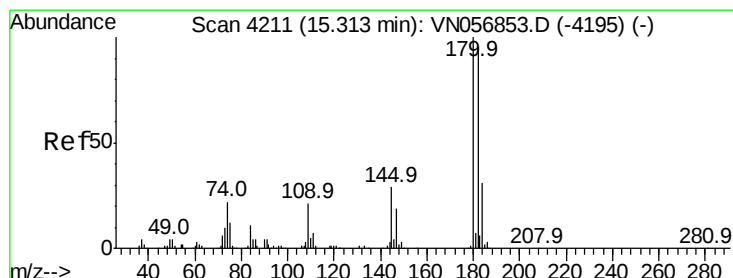
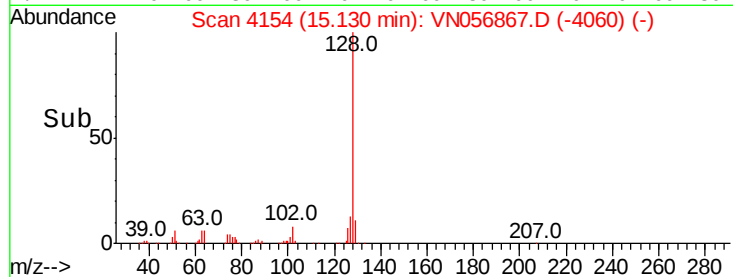
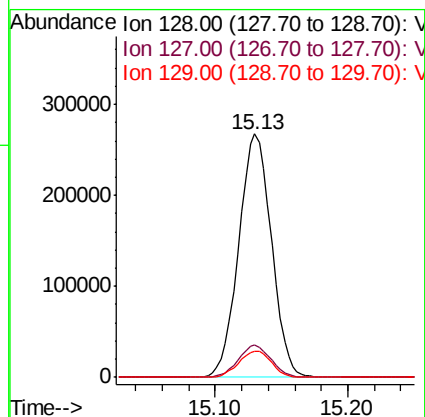
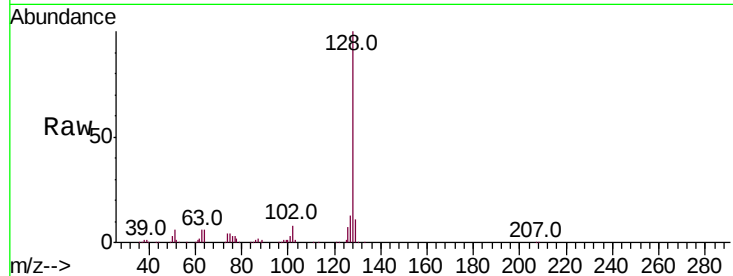
#95
Naphthalene
Concen: 45.929 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.8	8.5	12.7

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#96
1,2,3-Trichlorobenzene
Concen: 46.603 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.3
145	29.9	14.7	44.1

