

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056936.D
 Acq On : 25 Jul 2019 22:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 3:38:05 PM

Quant Time: Jul 26 04:49:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 04:10:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	428868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	645791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	581065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	249055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	243037	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
35) Dibromofluoromethane	7.58	113	225159	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
50) Toluene-d8	10.08	98	856034	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	12.40	95	282737	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	268488	53.354	ug/l	100
3) Chloromethane	2.05	50	302610	54.747	ug/l	99
4) Vinyl Chloride	2.17	62	288787	55.486	ug/l	98
5) Bromomethane	2.54	94	173149	55.000	ug/l	99
6) Chloroethane	2.68	64	155605	53.860	ug/l	97
7) Trichlorofluoromethane	3.00	101	368774	54.364	ug/l	100
8) Diethyl Ether	3.39	74	141182	55.576	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	220003	52.782	ug/l	99
10) Methyl Iodide	3.93	142	337161	55.051	ug/l	100
11) Tert butyl alcohol	4.77	59	163668	255.651	ug/l	99
12) 1,1-Dichloroethene	3.72	96	222855	55.373	ug/l	98
13) Acrolein	3.59	56	89936	250.678	ug/l	99
14) Allyl chloride	4.30	41	351246	53.788	ug/l	99
15) Acrylonitrile	4.96	53	515696	279.913	ug/l	100
16) Acetone	3.80	43	377523	249.111	ug/l	100
17) Carbon Disulfide	4.03	76	575230	53.066	ug/l	99
18) Methyl Acetate	4.30	43	276035	52.026	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	668064	56.452	ug/l	100
20) Methylene Chloride	4.53	84	254071	52.941	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	233846	54.298	ug/l	98
22) Diisopropyl ether	5.93	45	744614	55.992	ug/l	98
23) Vinyl Acetate	5.87	43	2630042	287.099	ug/l	100
24) 1,1-Dichloroethane	5.83	63	427351	54.696	ug/l	99
25) 2-Butanone	6.82	43	620045	265.800	ug/l	100
26) 2,2-Dichloropropane	6.81	77	273085	47.626	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	268574	54.648	ug/l	99
28) Bromochloromethane	7.18	49	199808	55.414	ug/l	98
29) Tetrahydrofuran	7.19	42	428692	280.455	ug/l	100
30) Chloroform	7.36	83	422834	52.549	ug/l	99
31) Cyclohexane	7.64	56	399985	52.607	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	353169	54.805	ug/l	99
36) 1,1-Dichloropropene	7.78	75	316820	53.660	ug/l	99
37) Ethyl Acetate	6.91	43	261209	54.597	ug/l	99
38) Carbon Tetrachloride	7.76	117	306387	54.557	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	400017	55.591	ug/l	99
40) Benzene	8.03	78	990703	53.810	ug/l	99
41) Methacrylonitrile	7.16	41	126047m	59.905	ug/l	
42) 1,2-Dichloroethane	8.11	62	304693	53.581	ug/l	99
43) Isopropyl Acetate	8.15	43	426284	54.157	ug/l #	91
44) Trichloroethene	8.82	130	272229	54.200	ug/l	100
45) 1,2-Dichloropropane	9.11	63	265226	53.604	ug/l	99
46) Dibromomethane	9.20	93	163850	54.931	ug/l	99
47) Bromodichloromethane	9.39	83	313747	53.863	ug/l	98
48) Methyl methacrylate	9.19	41	211192	55.893	ug/l	99
49) 1,4-Dioxane	9.19	88	86490	1093.149	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1287132	275.034	ug/l	100
52) Toluene	10.15	92	612476	55.466	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	326039	55.518	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	378650	54.769	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	235134	53.133	ug/l	99
56) Ethyl methacrylate	10.42	69	341868	57.457	ug/l	100
57) 1,3-Dichloropropane	10.70	76	392837	54.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	670980	249.445	ug/l	99
59) 2-Hexanone	10.74	43	894926	278.933	ug/l	99
60) Dibromochloromethane	10.90	129	249662	55.527	ug/l	100
61) 1,2-Dibromoethane	11.00	107	242086	55.111	ug/l	99
64) Tetrachloroethene	10.62	164	284847	53.667	ug/l	99
65) Chlorobenzene	11.43	112	659995	54.289	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	242007	53.527	ug/l	97
67) Ethyl Benzene	11.50	91	1152750	55.073	ug/l	100
68) m/p-Xylenes	11.61	106	854636	109.498	ug/l	98
69) o-Xylene	11.94	106	420609	55.072	ug/l	100
70) Styrene	11.96	104	702668	52.662	ug/l	99
71) Bromoform	12.12	173	174101	55.441	ug/l #	99
73) Isopropylbenzene	12.24	105	1121531	57.370	ug/l	99
74) N-amyl acetate	12.06	43	352794	53.017	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	302814	56.700	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	275440m	58.288	ug/l	
77) Bromobenzene	12.52	156	290294	50.117	ug/l	99
78) n-propylbenzene	12.59	91	1234013	51.546	ug/l	100
79) 2-Chlorotoluene	12.67	91	736115	56.735	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	944003	50.431	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	82040	51.889	ug/l	99
82) 4-Chlorotoluene	12.77	91	718203	52.450	ug/l	99
83) tert-Butylbenzene	12.99	119	810354	57.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	932321	52.597	ug/l	99
85) sec-Butylbenzene	13.17	105	1063666	51.002	ug/l	100
86) p-Isopropyltoluene	13.28	119	957598	51.962	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	465590	53.722	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	445115	53.636	ug/l	99
89) n-Butylbenzene	13.61	91	764929	53.741	ug/l	100
90) Hexachloroethane	13.87	117	159647	55.093	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	461392	52.559	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	47632	53.439	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Jul 26 04:10:25 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	215441	47.349	ug/l	100
94) Hexachlorobutadiene	15.00	225	166784	56.466	ug/l	99
95) Naphthalene	15.12	128	575131	48.940	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	239542	50.294	ug/l	97

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

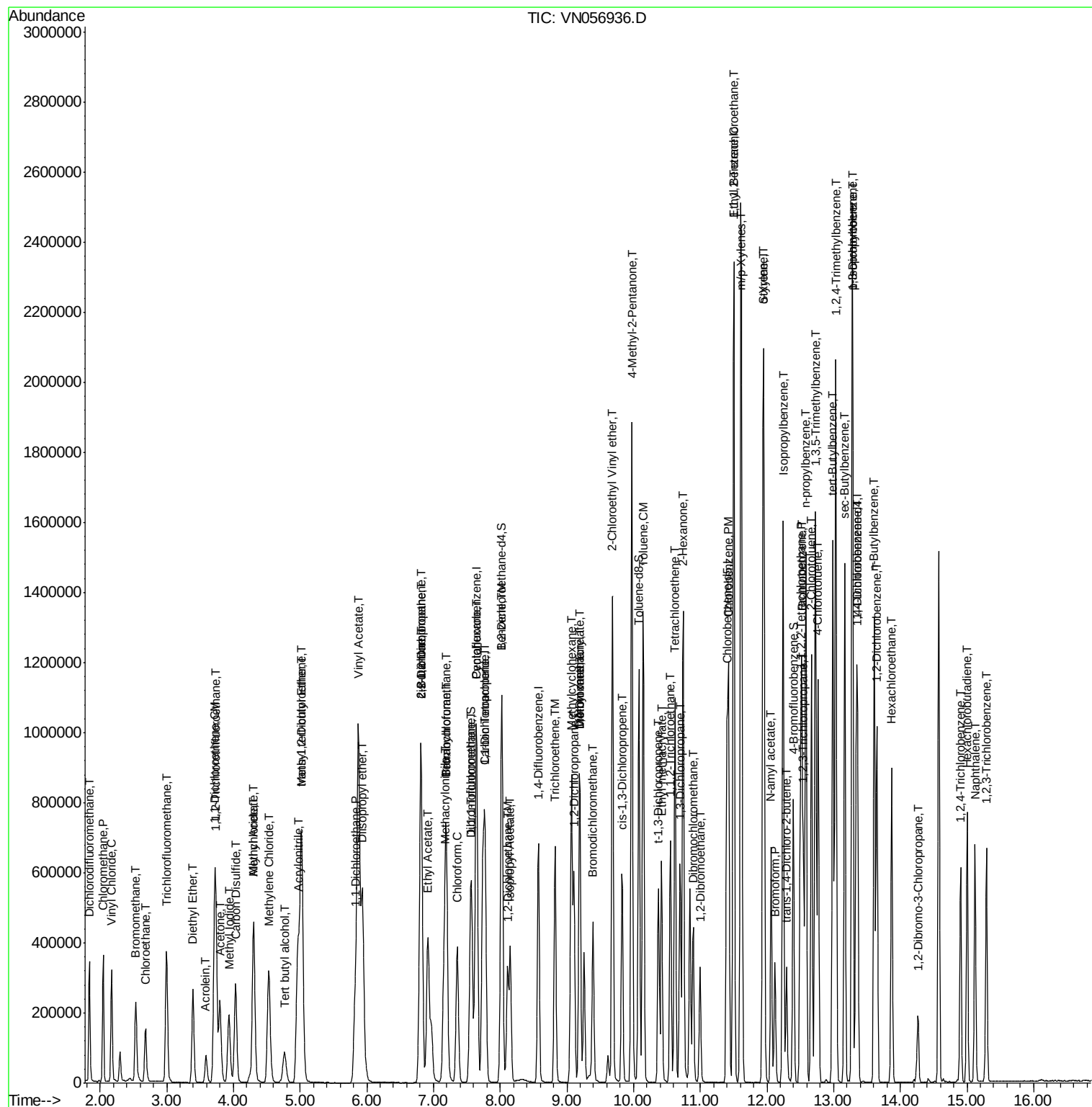
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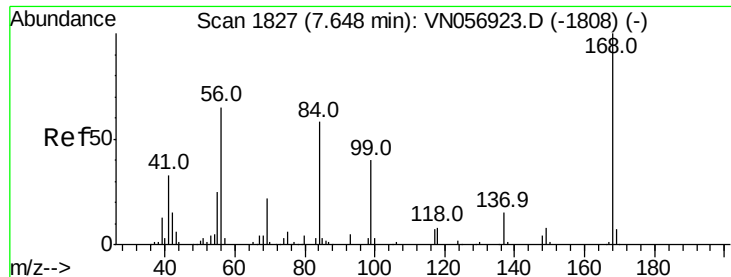
Instrument :
 MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 428868

Ion Ratio Lower Upper

168 100

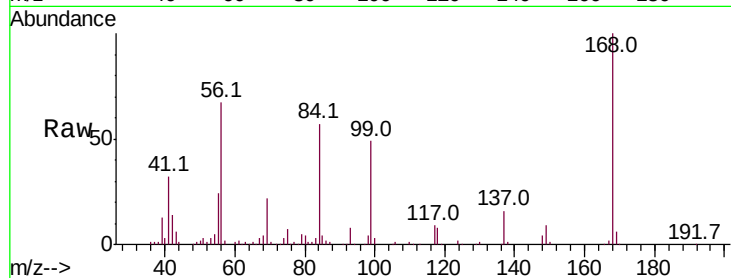
99 48.4 38.6 58.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

100000

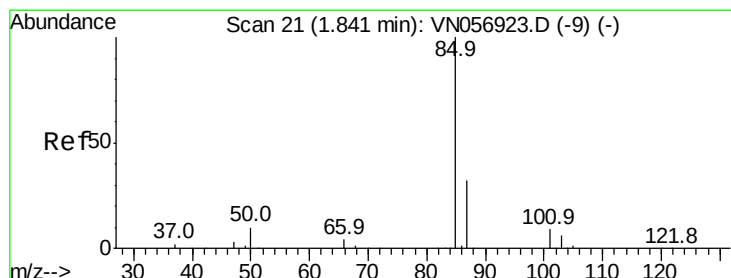
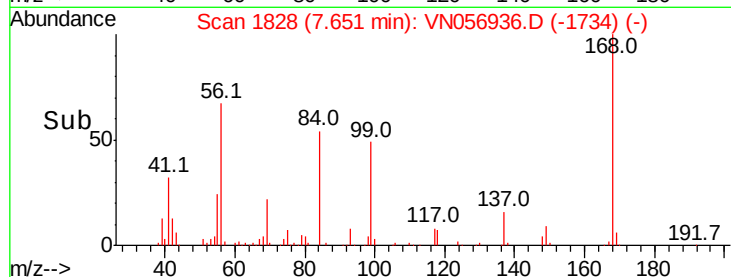
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 53.354 ug/l

RT: 1.84 min Scan# 21

Delta R.T. -0.00 min

Lab File: VN056936.D

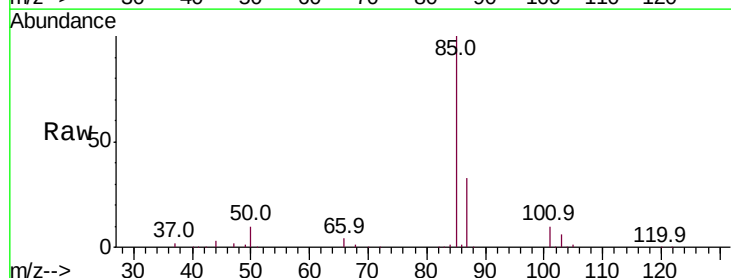
Acq: 25 Jul 2019 22:24

Tgt Ion: 85 Resp: 268488

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

200000

150000

100000

50000

0

1.75

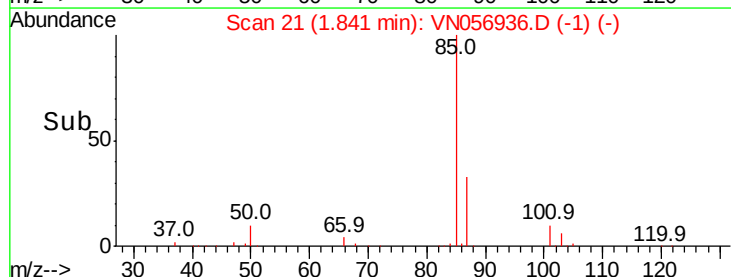
1.80

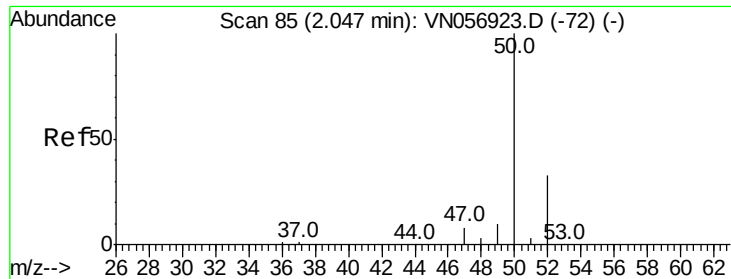
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 54.747 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 302610

Ion Ratio Lower Upper

50 100

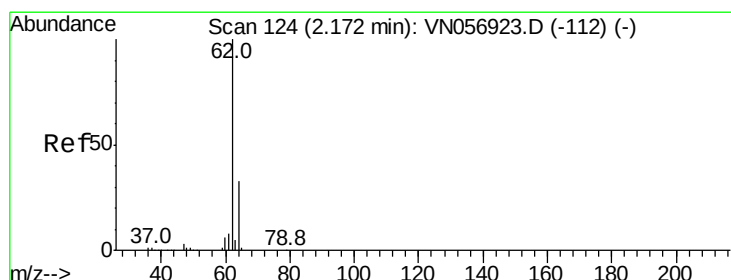
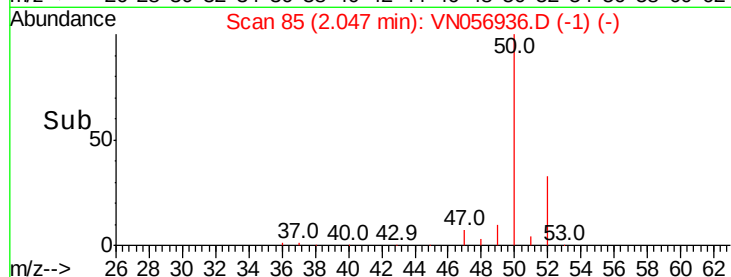
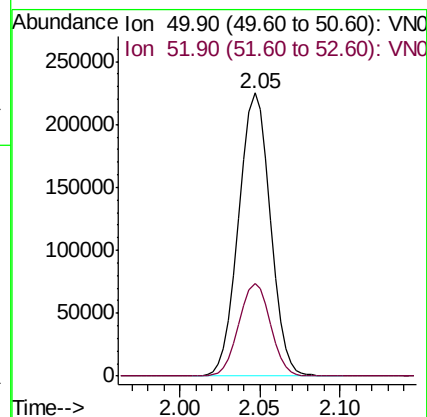
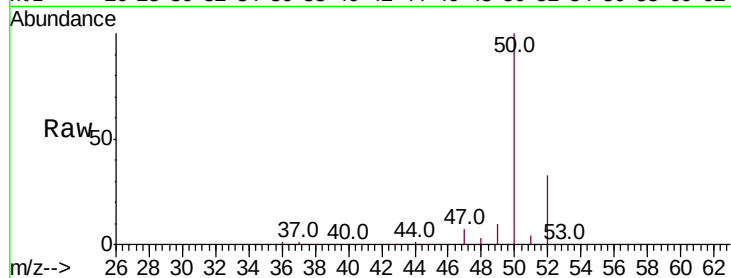
52 32.9 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.486 ug/l

RT: 2.17 min Scan# 124

Delta R.T. -0.00 min

Lab File: VN056936.D

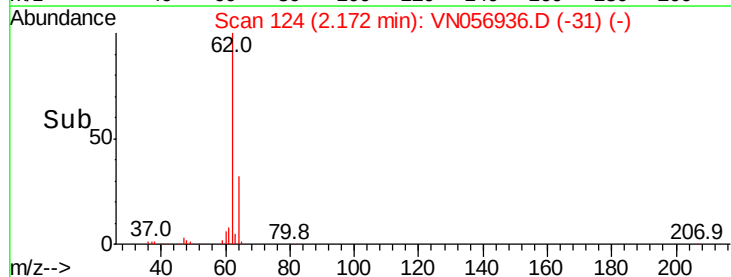
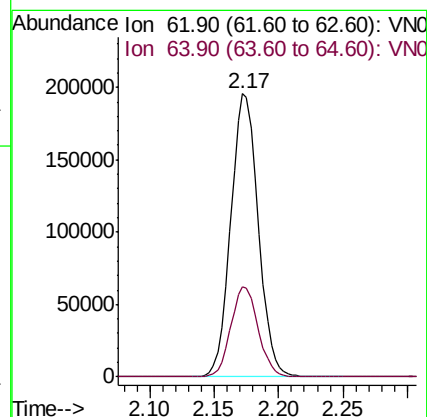
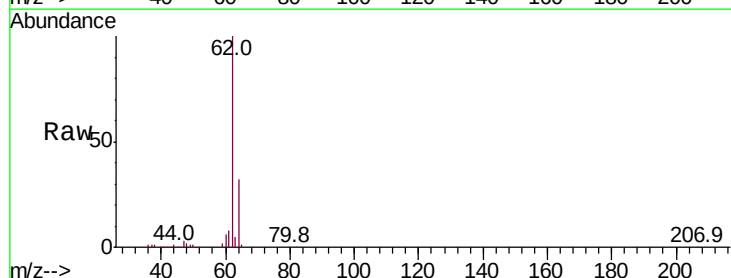
Acq: 25 Jul 2019 22:24

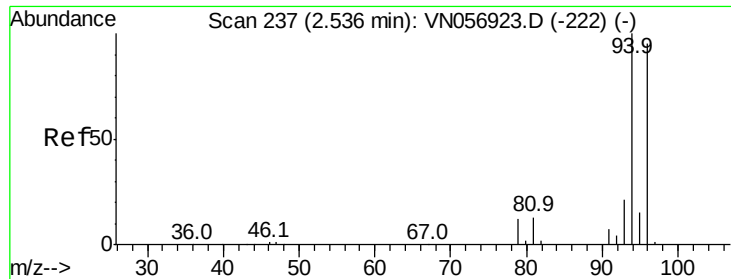
Tgt Ion: 62 Resp: 288787

Ion Ratio Lower Upper

62 100

64 31.9 26.4 39.6





#5

Bromomethane

Concen: 55.000 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 173149

Ion Ratio Lower Upper

94 100

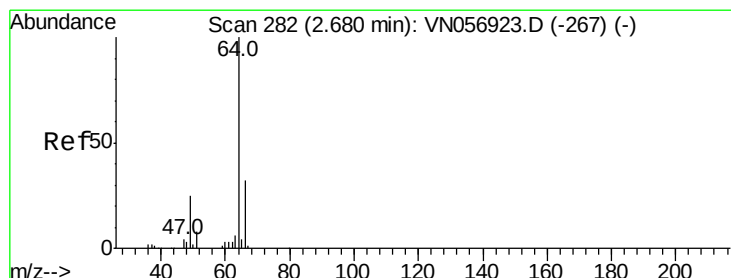
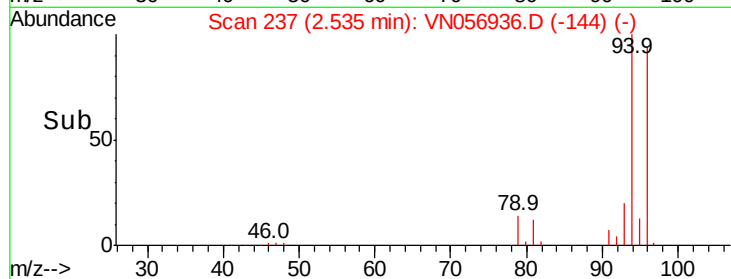
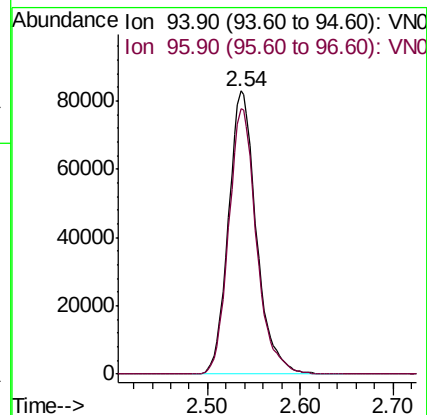
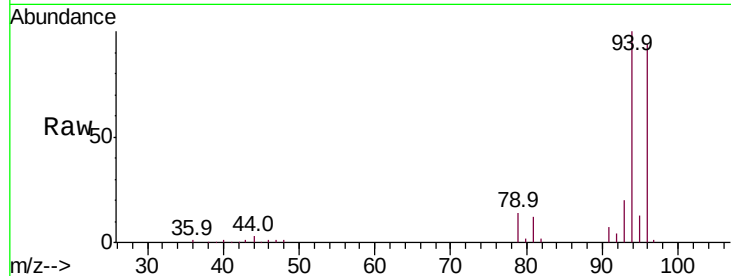
96 93.8 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 53.860 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN056936.D

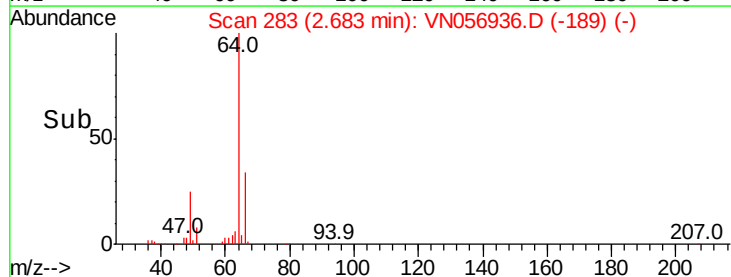
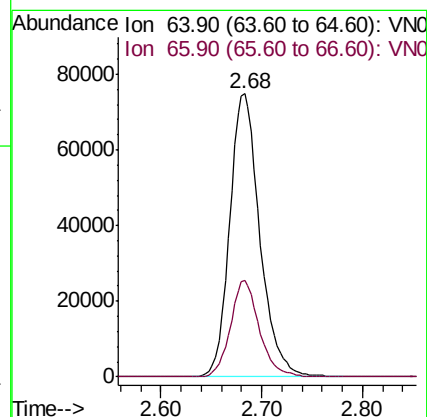
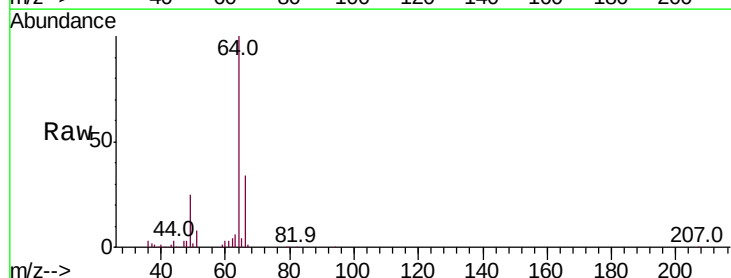
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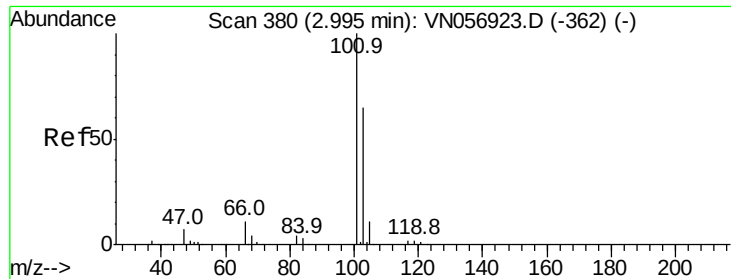
Tgt Ion: 64 Resp: 155605

Ion Ratio Lower Upper

64 100

66 33.9 25.8 38.6





#7

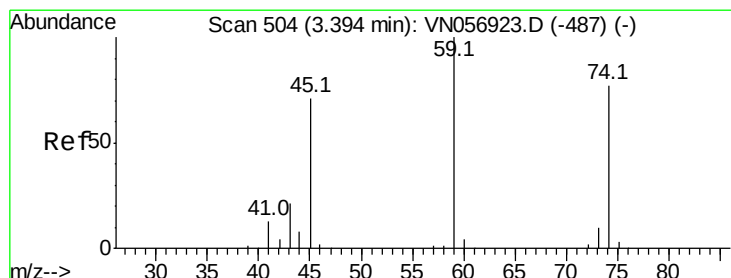
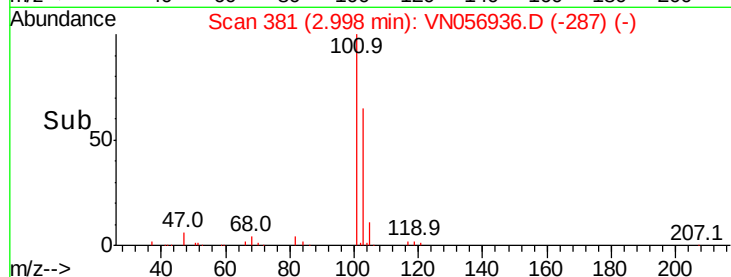
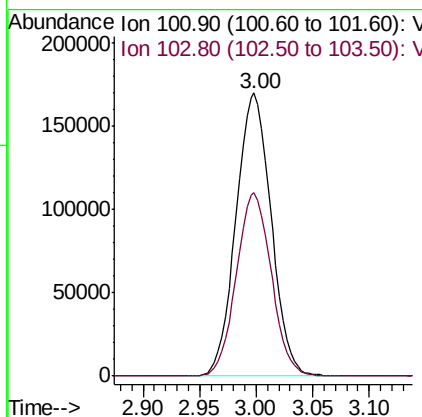
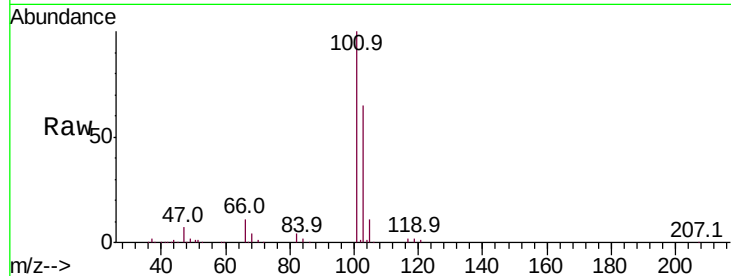
Trichlorofluoromethane
 Concen: 54.364 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.0	78.0

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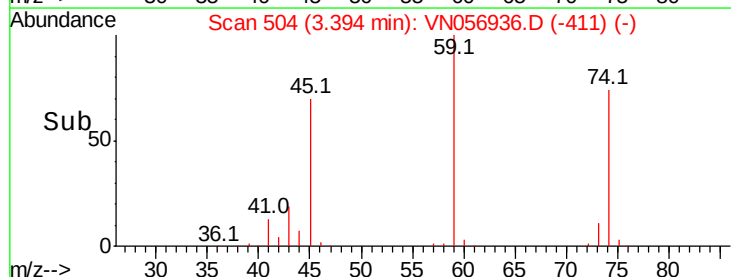
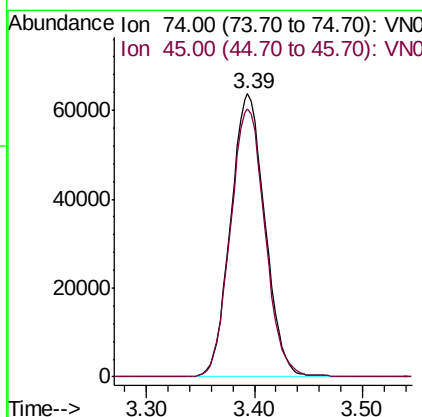
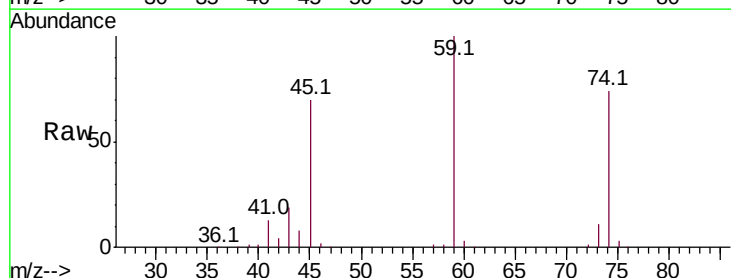
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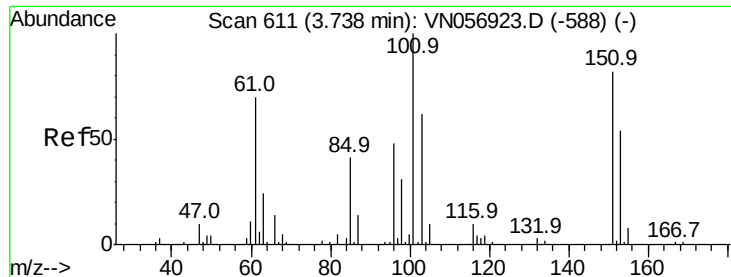


#8

Diethyl Ether
 Concen: 55.576 ug/l
 RT: 3.39 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: VN056936.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.7	48.1	144.4





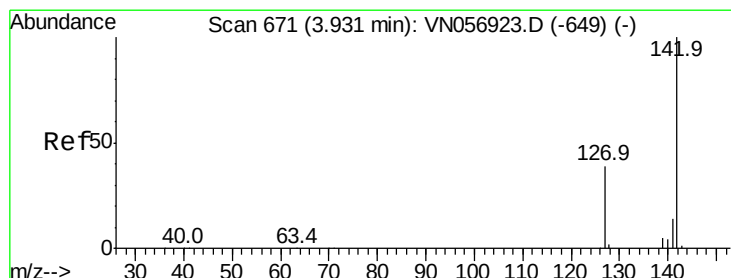
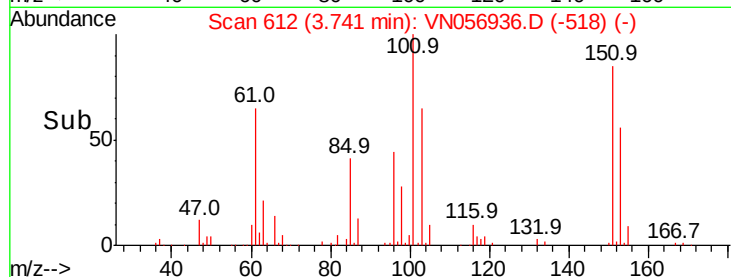
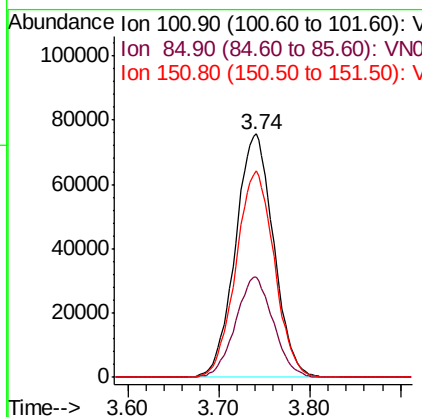
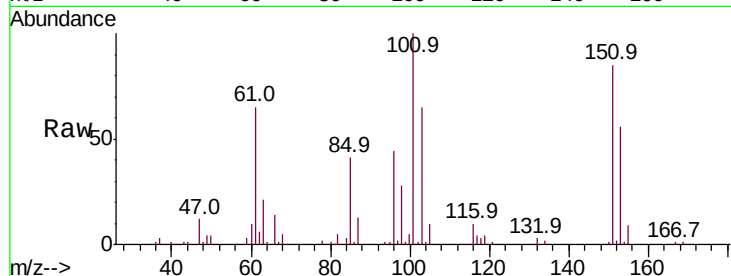
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.782 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	40.7	32.7	49.1
151	85.2	67.4	101.0

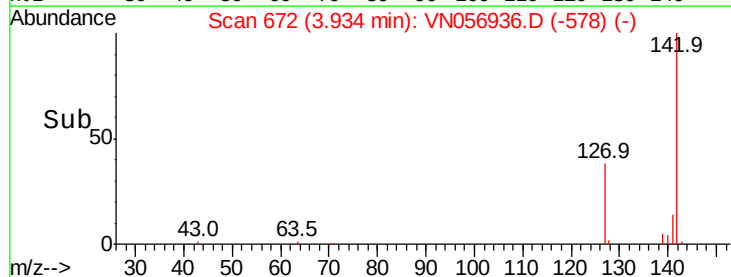
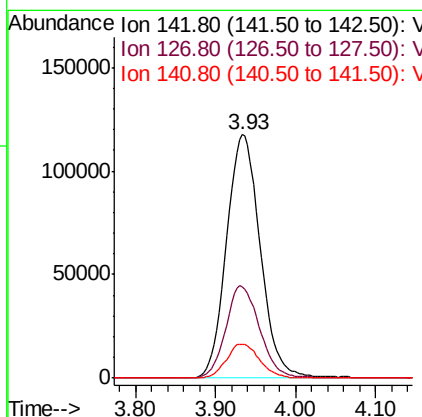
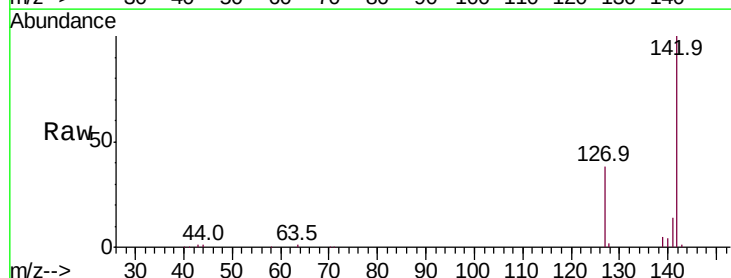
Manual Integrations
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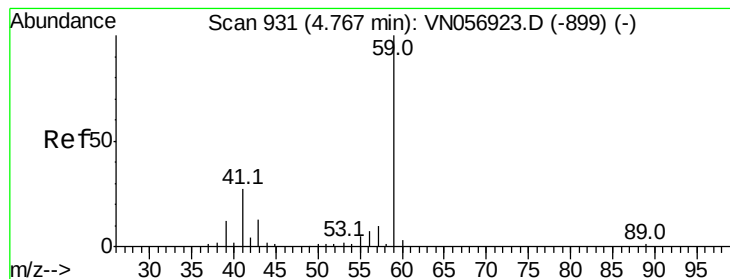
MMDadoda
7/26/2019 3:38:05 PM



#10
Methyl Iodide
Concen: 55.051 ug/l
RT: 3.93 min Scan# 672
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.1	30.5	45.7
141	13.9	11.1	16.7





#11

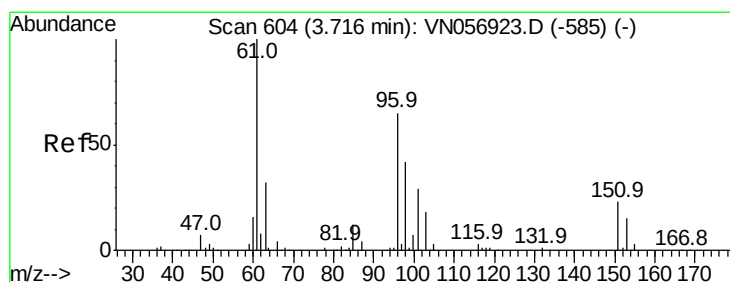
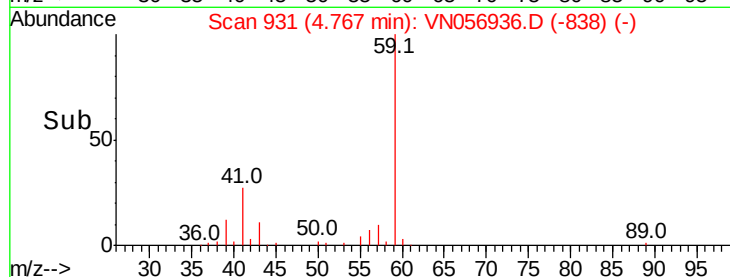
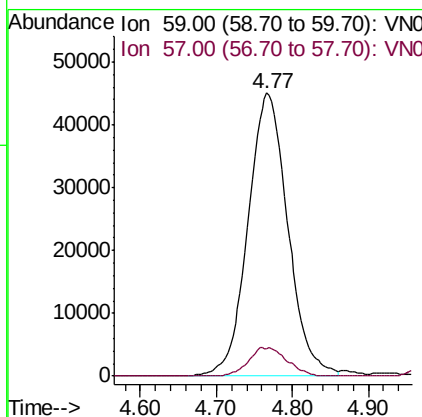
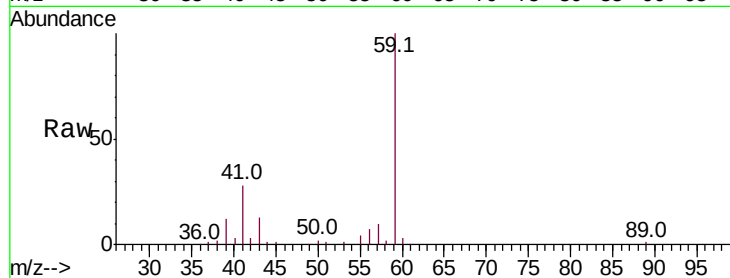
Tert butyl alcohol
 Concen: 255.651 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	163668
Ion Ratio	100	Lower	Upper
57	9.8	7.6	11.4

Manual Integrations
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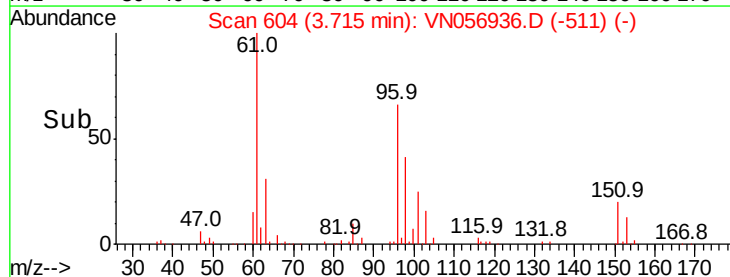
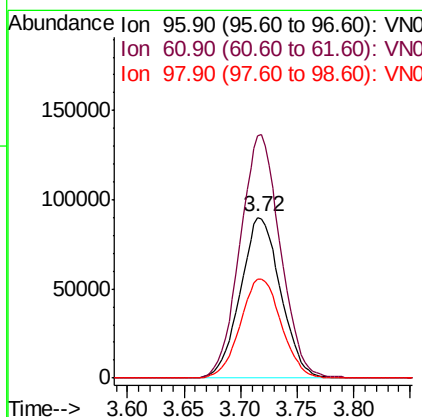
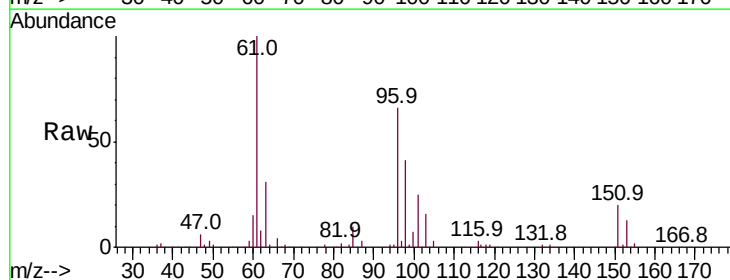
MMDadoda
 7/26/2019 3:38:05 PM

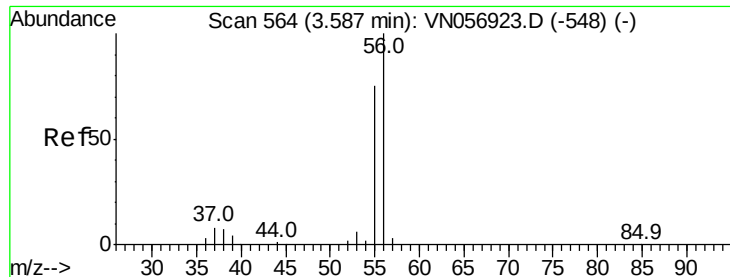


#12

1,1-Dichloroethene
 Concen: 55.373 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion	96	Resp	222855
Ion Ratio	100	Lower	Upper
61	150.5	122.4	183.6
98	61.6	51.3	76.9





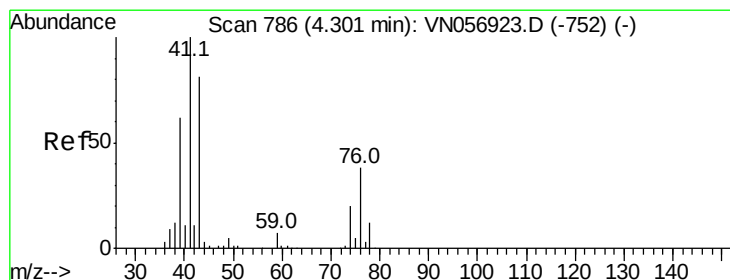
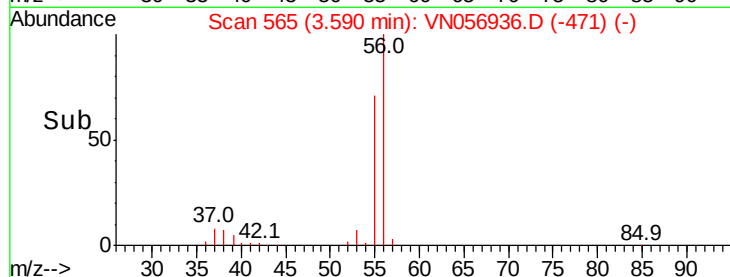
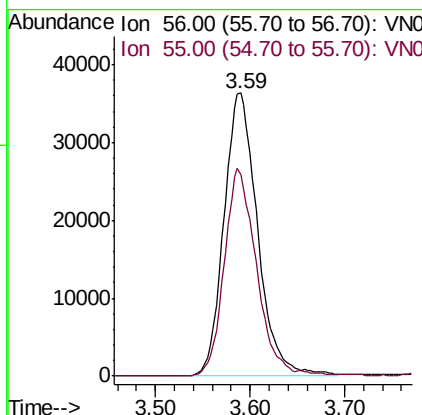
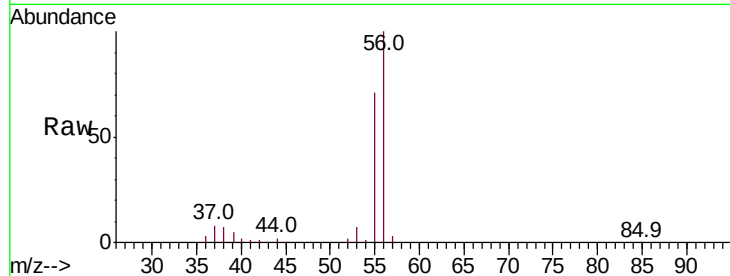
#13
Acrolein
Concen: 250.678 ug/l
RT: 3.59 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	89936
Ion Ratio	100	Lower	Upper
56	100		
55	70.8	57.5	86.3

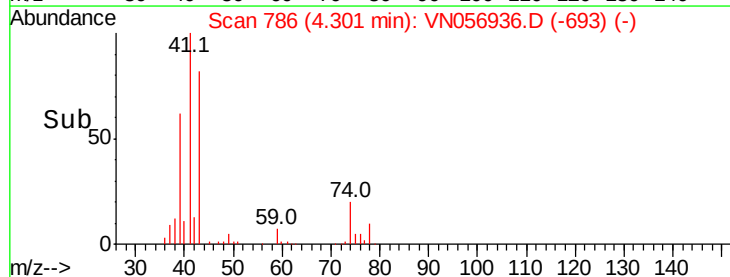
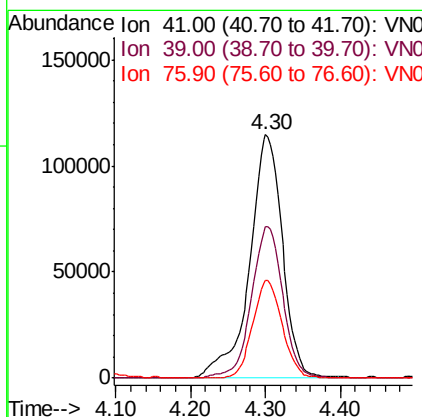
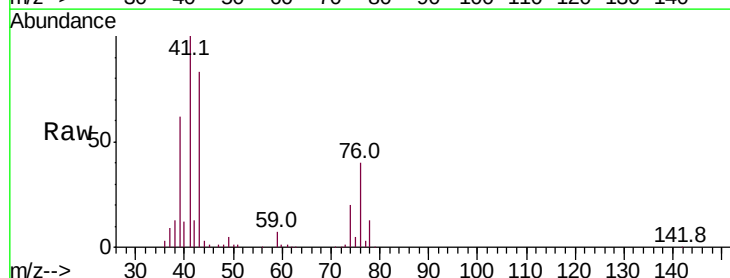
Manual Integrations
APPROVED

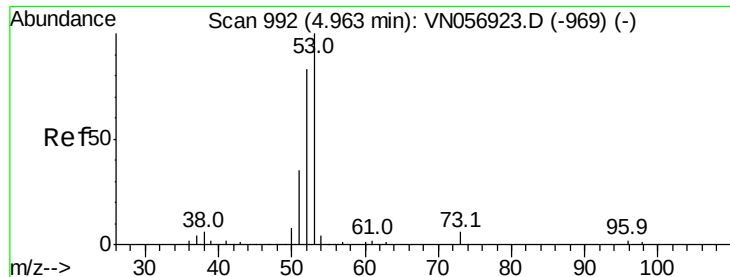
MMDadoda
7/26/2019 3:38:05 PM



#14
Allyl chloride
Concen: 53.788 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	41	Resp	351246
Ion Ratio	100	Lower	Upper
41	100		
39	59.5	47.5	71.3
76	36.1	28.0	42.0





#15

Acrylonitrile

Concen: 279.913 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

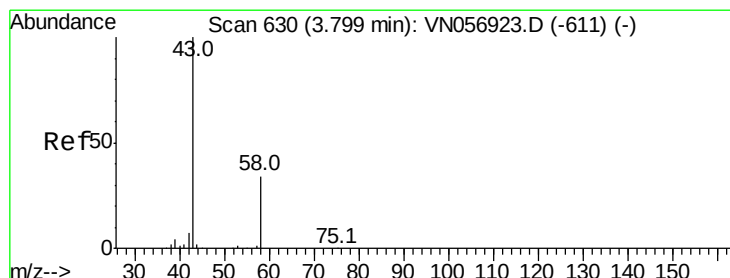
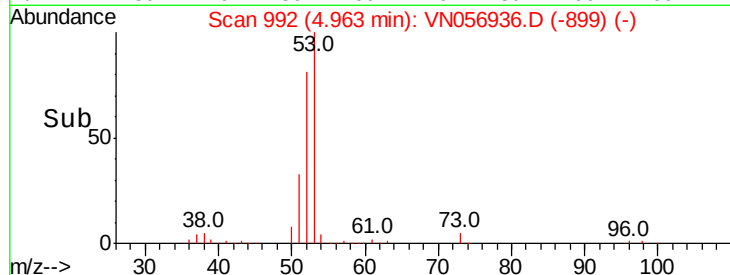
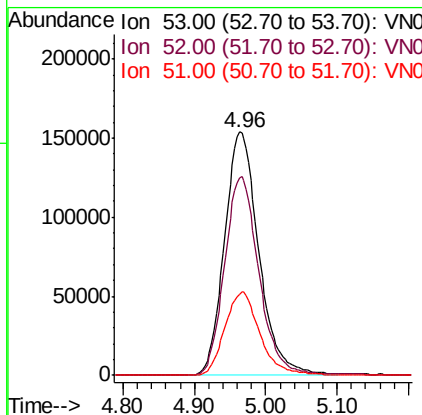
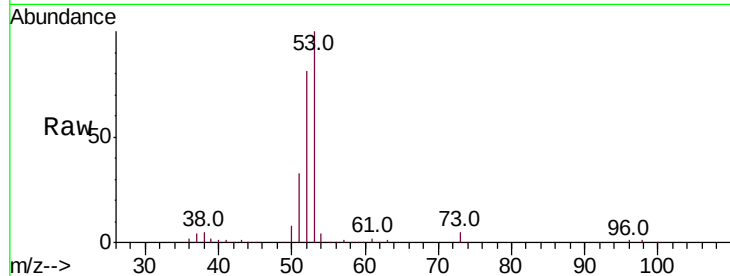
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	515696
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.5	98.3
51	35.0	28.1	42.1

Manual Integrations
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MMDadoda
7/26/2019 3:38:05 PM



#16

Acetone

Concen: 249.111 ug/l

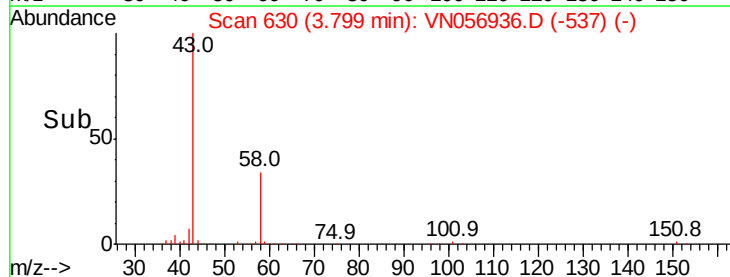
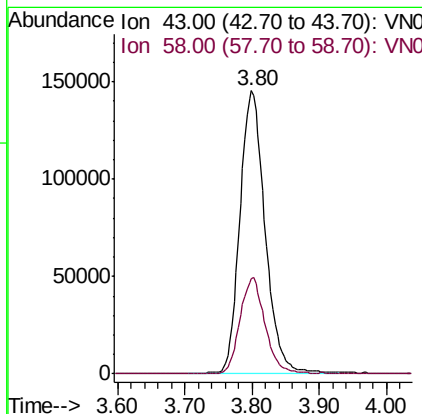
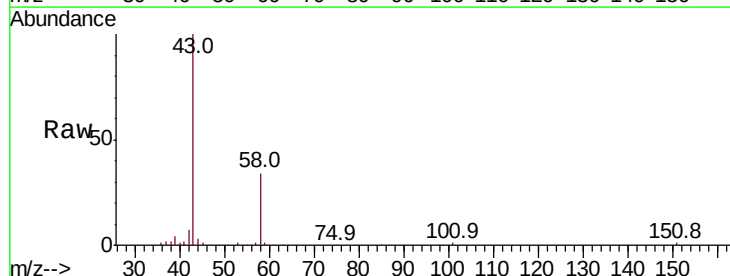
RT: 3.80 min Scan# 630

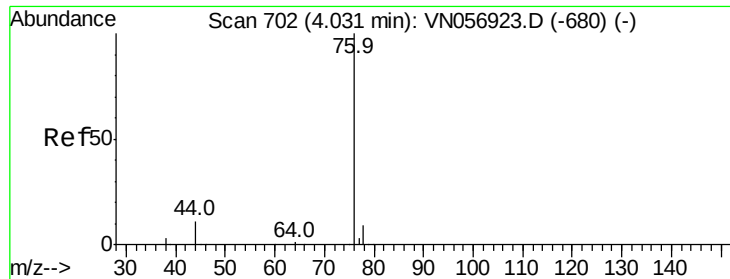
Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Tgt Ion:	43	Resp:	377523
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.3	40.9





#17

Carbon Disulfide

Concen: 53.066 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 575230

Ion Ratio Lower Upper

76 100

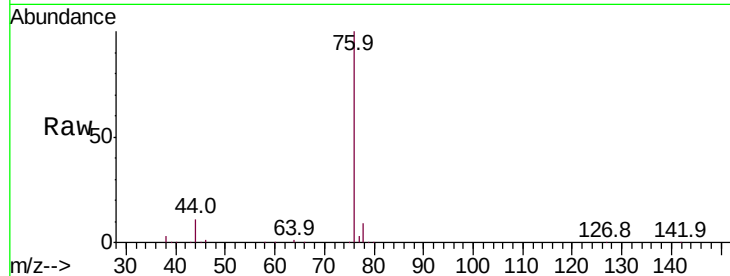
78 9.3 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN056923.D (-680) (-)

Ion 77.90 (77.60 to 78.60): VN056923.D (-680) (-)

4.03

250000

200000

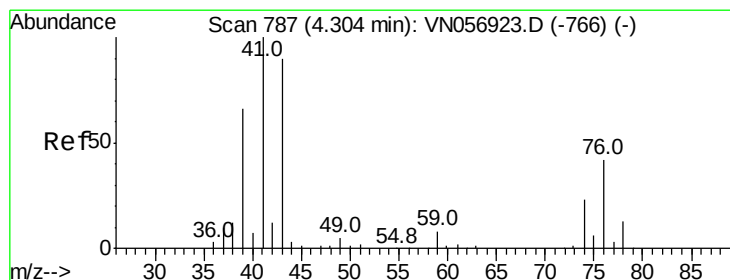
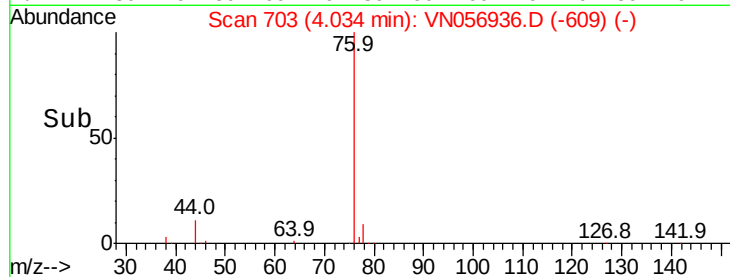
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.026 ug/l

RT: 4.30 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN056936.D

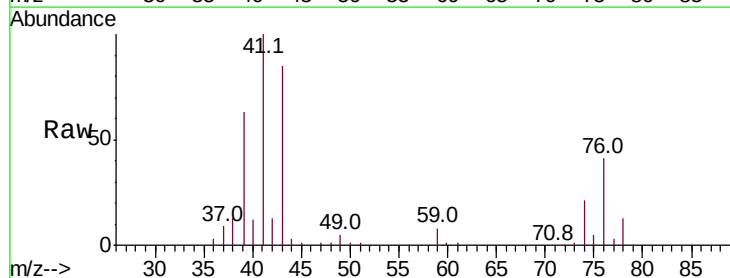
Acq: 25 Jul 2019 22:24

Tgt Ion: 43 Resp: 276035

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VN056923.D (-766) (-)

Ion 74.00 (73.70 to 74.70): VN056923.D (-766) (-)

4.30

100000

80000

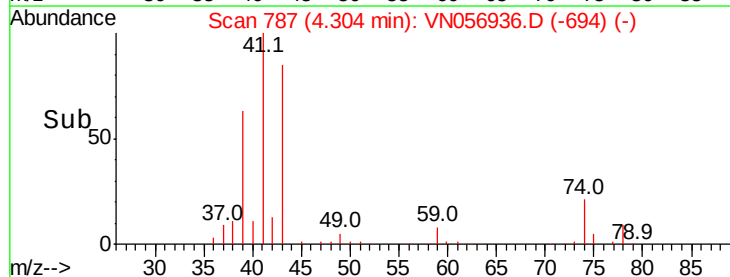
60000

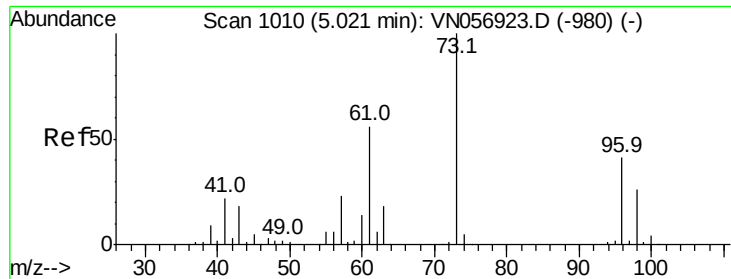
40000

20000

0

Time-->





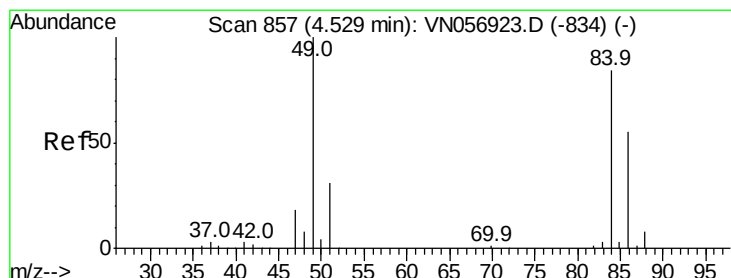
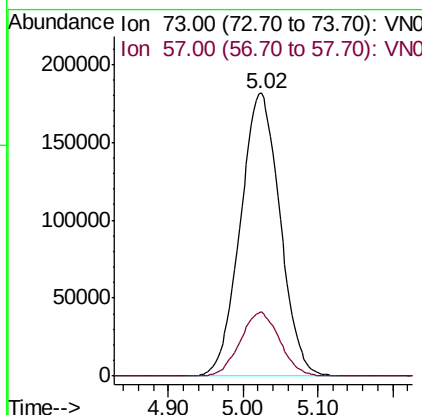
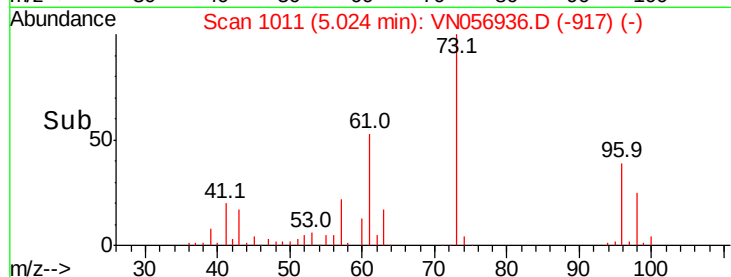
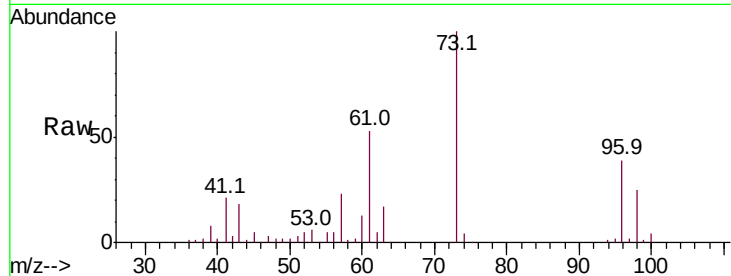
#19
Methyl tert-butyl Ether
Concen: 56.452 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 668064
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4

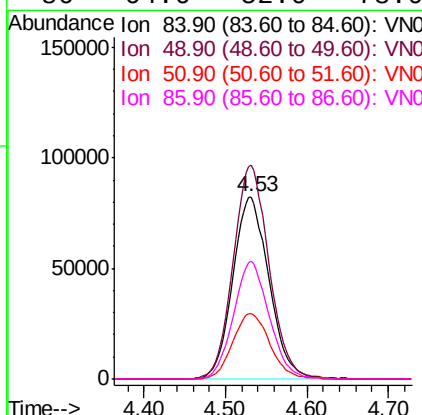
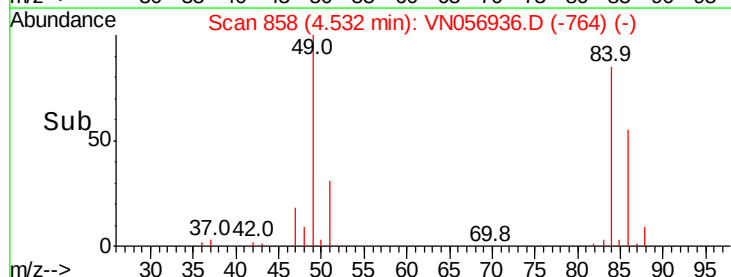
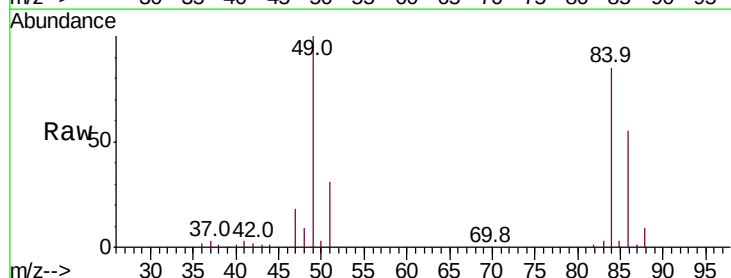
Manual Integrations
APPROVED

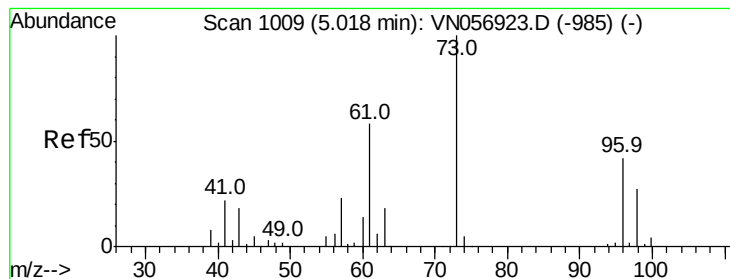
MMDadoda
7/26/2019 3:38:05 PM



#20
Methylene Chloride
Concen: 52.941 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 84 Resp: 254071
Ion Ratio Lower Upper
84 100
49 117.4 95.0 142.6
51 36.2 29.8 44.8
86 64.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 54.298 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 233846

Ion Ratio Lower Upper

96 100

61 135.6 109.9 164.9

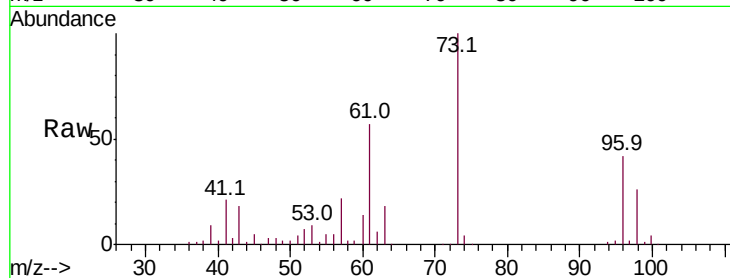
98 62.3 51.0 76.4

Manual Integrations

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MMDadoda

7/26/2019 3:38:05 PM

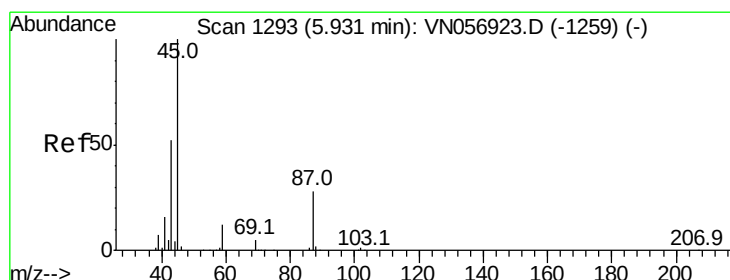
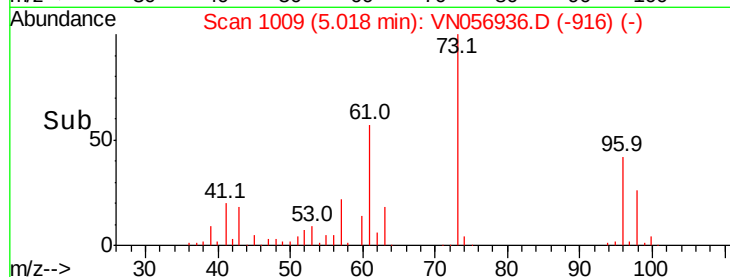
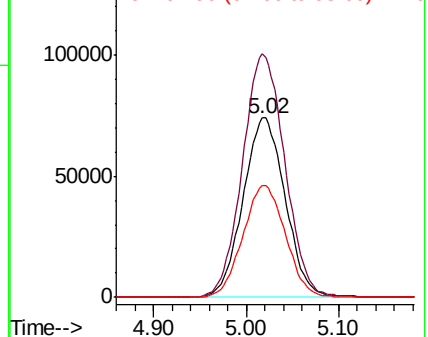


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 55.992 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Tgt Ion: 45 Resp: 744614

Ion Ratio Lower Upper

45 100

43 54.1 44.7 67.1

87 28.1 23.1 34.7

59 12.3 9.7 14.5

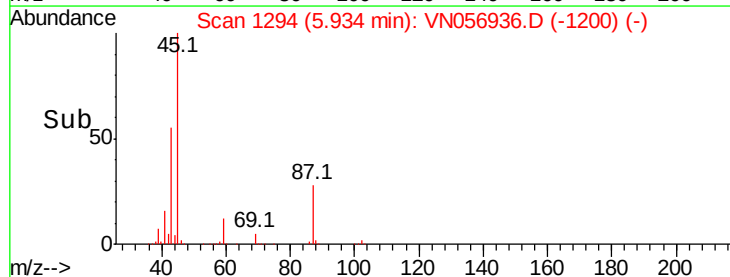
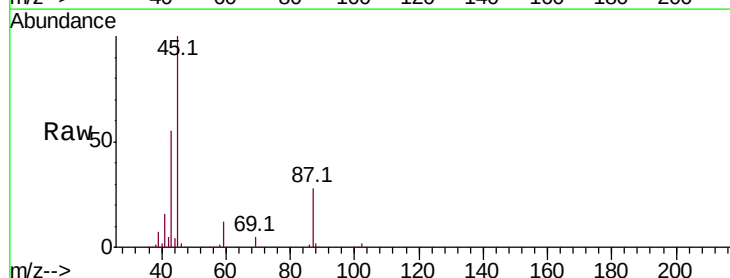
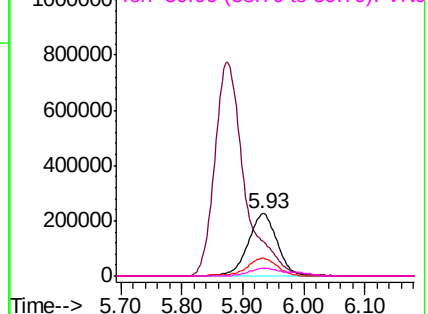
Abundance

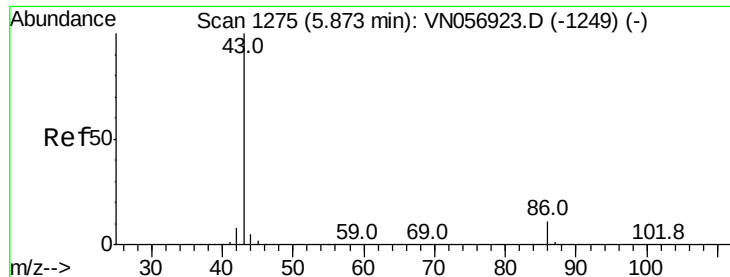
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 287.099 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2630042

Ion Ratio Lower Upper

43 100

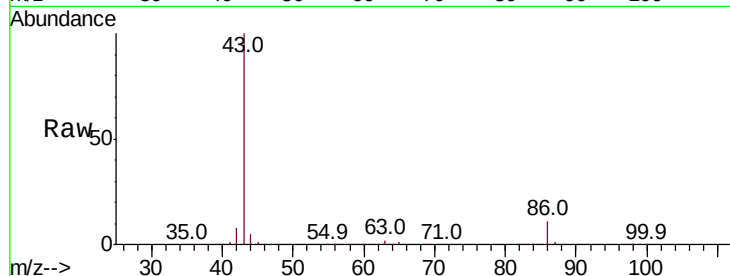
86 10.8 8.6 13.0

Manual Integrations

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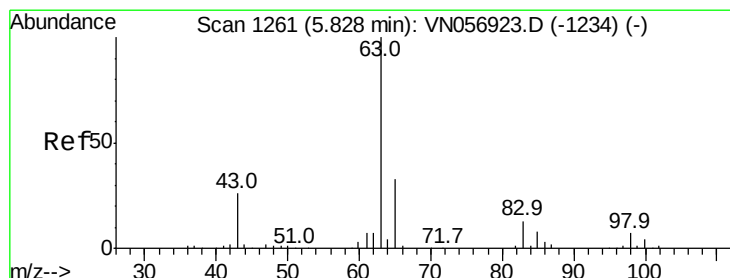
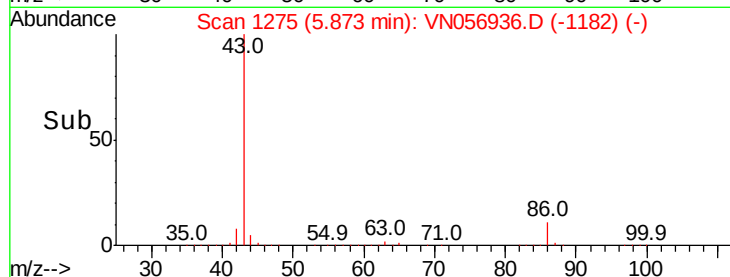
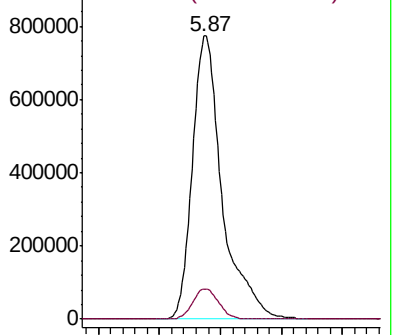
MMDadoda

7/26/2019 3:38:05 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 54.696 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

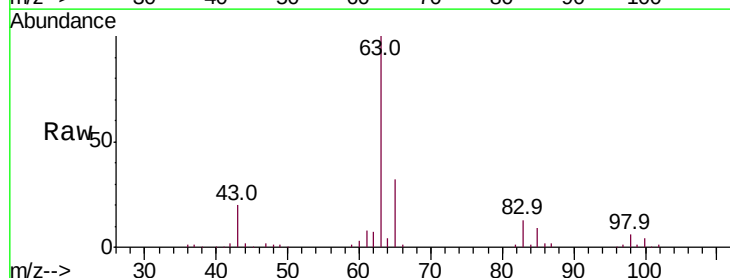
Tgt Ion: 63 Resp: 427351

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

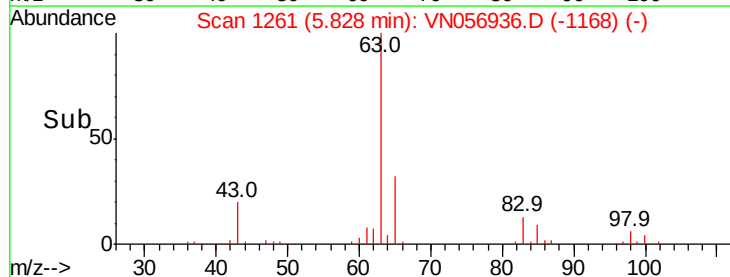
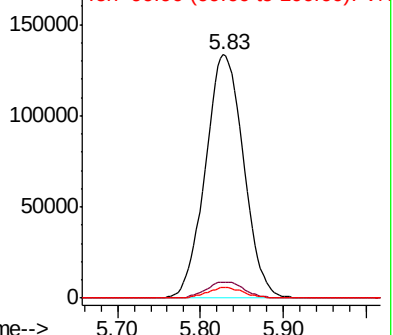
100 4.4 2.1 6.3

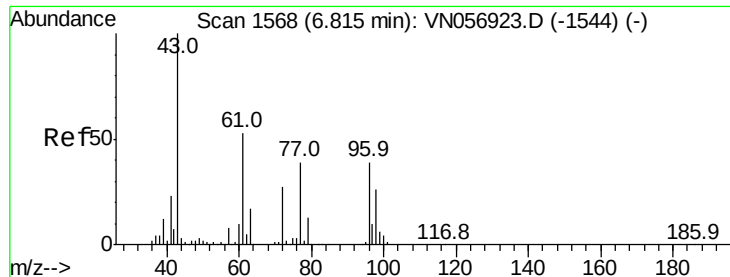


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 265.800 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 620045

Ion Ratio Lower Upper

43 100

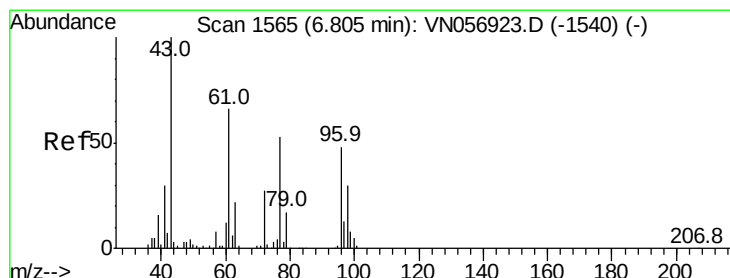
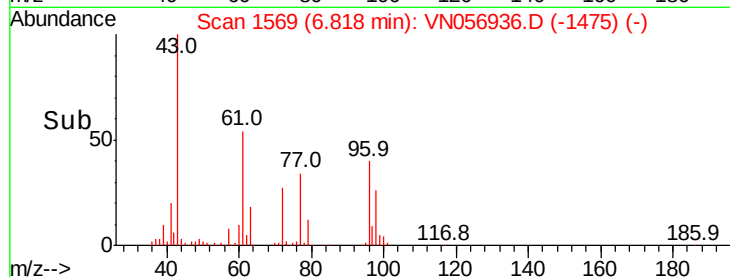
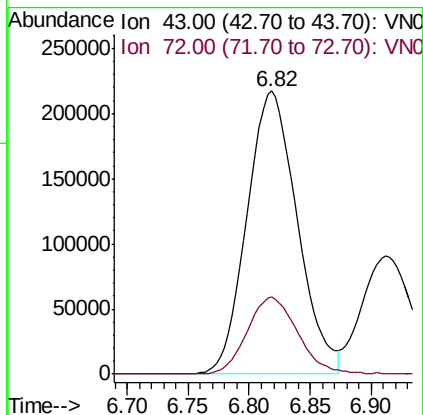
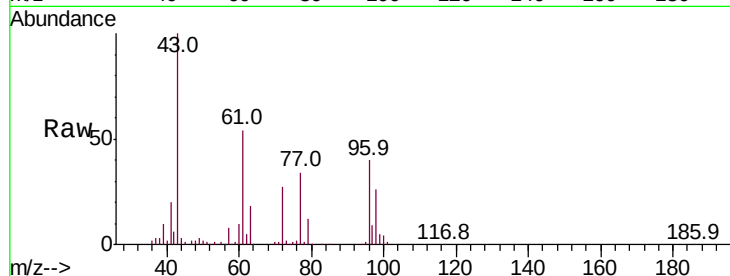
72 27.3 21.9 32.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.626 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN056936.D

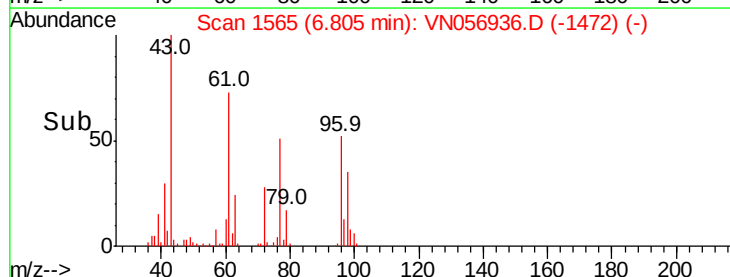
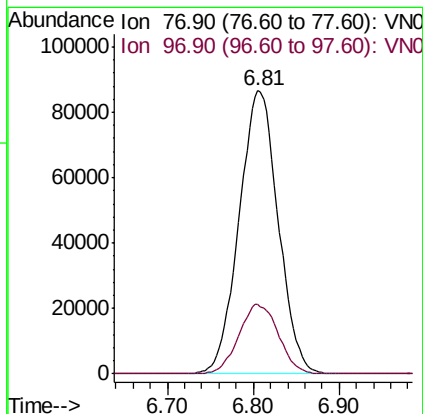
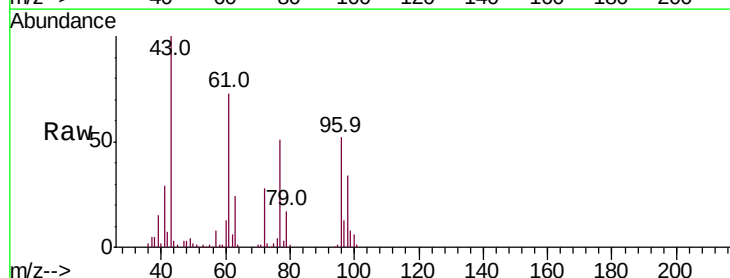
Acq: 25 Jul 2019 22:24

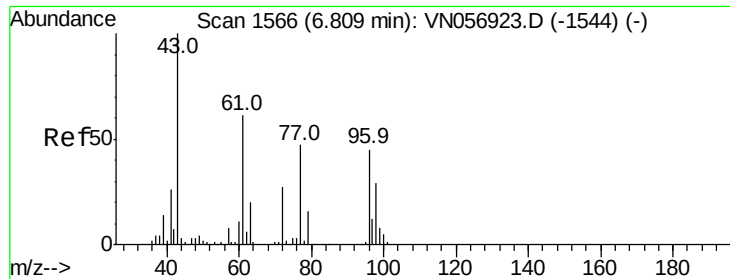
Tgt Ion: 77 Resp: 273085

Ion Ratio Lower Upper

77 100

97 24.9 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 54.648 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN056936.D

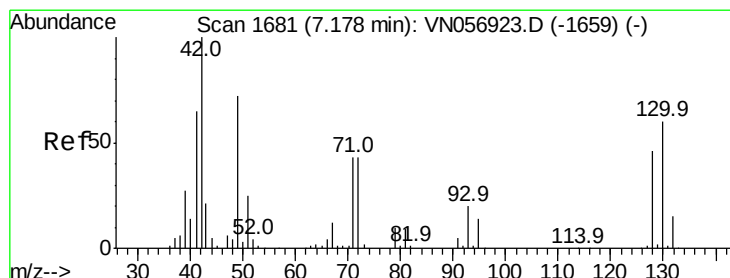
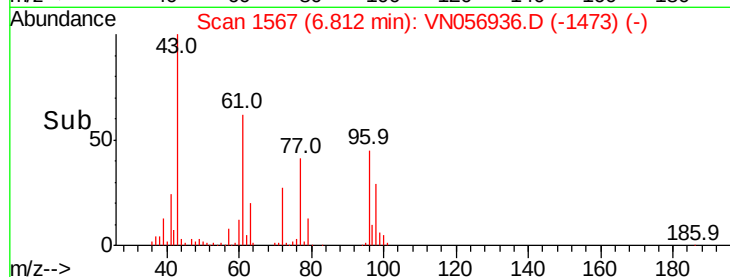
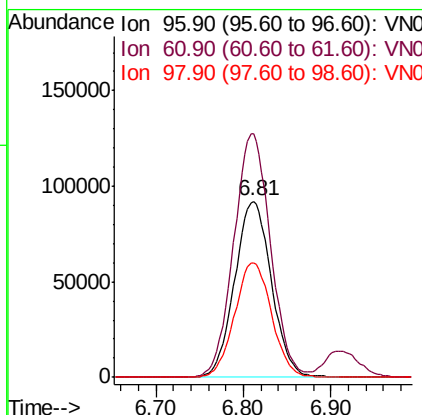
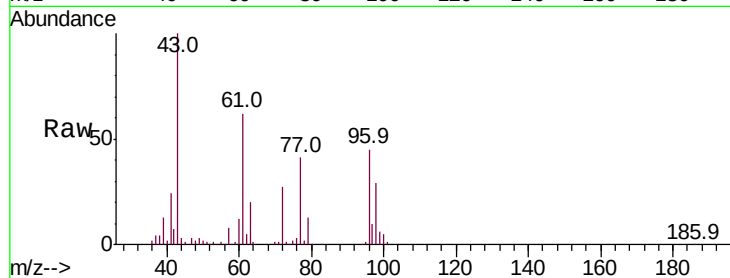
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	268574		
61	138.3	0.0	278.8	
98	65.5	0.0	130.0	

Manual Integrations
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#28

Bromochloromethane

Concen: 55.414 ug/l

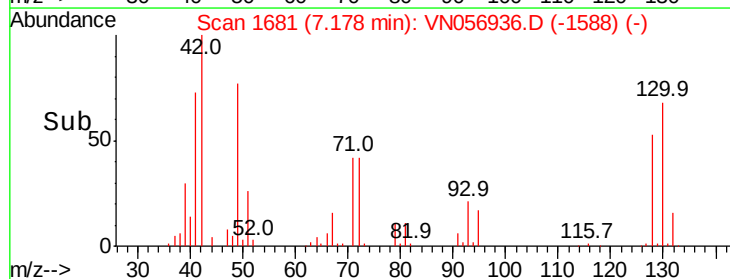
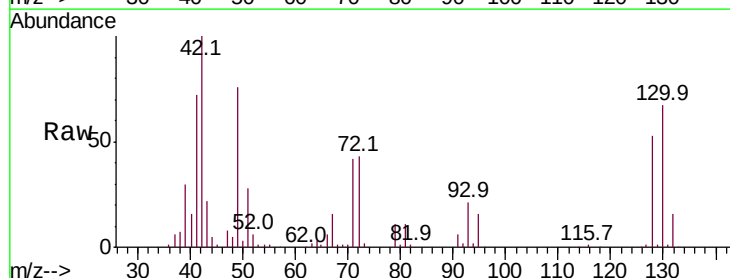
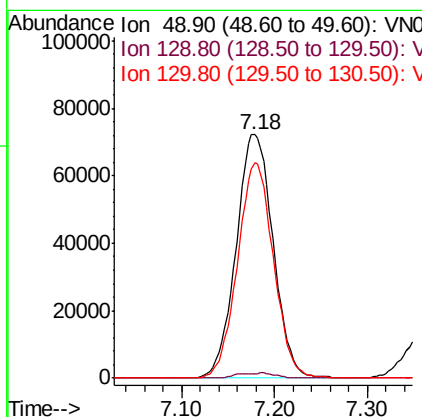
RT: 7.18 min Scan# 1681

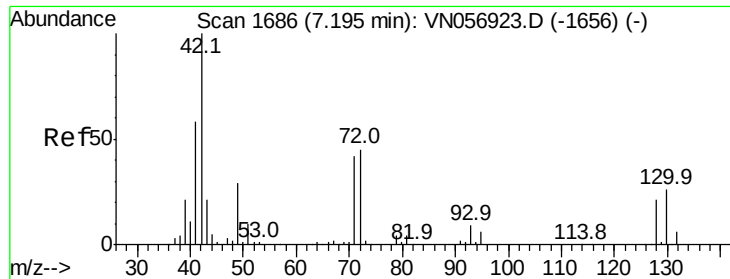
Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	199808		
129	1.1	0.0	4.4	
130	85.8	67.3	100.9	





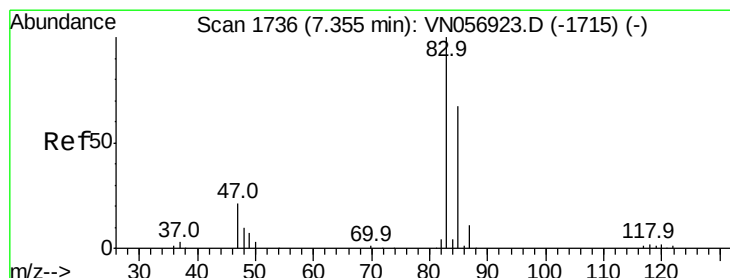
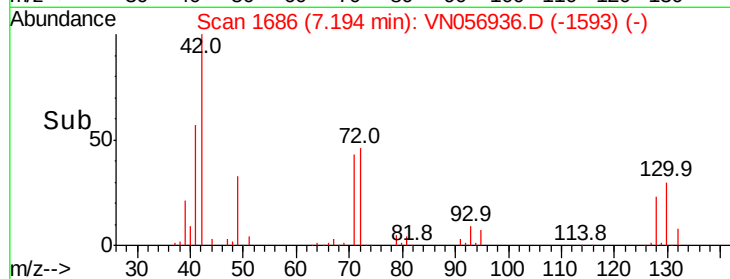
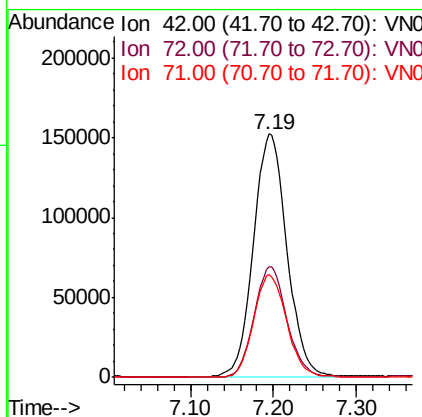
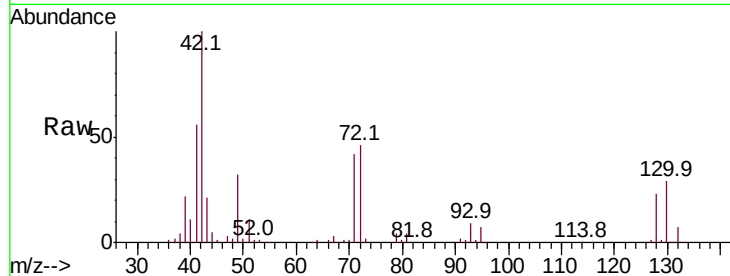
#29
Tetrahydrofuran
Concen: 280.455 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.5	53.3
71	41.6	33.0	49.6

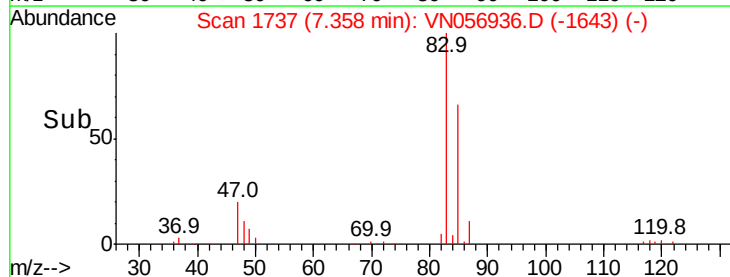
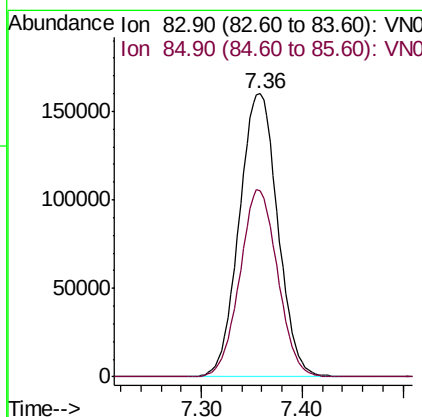
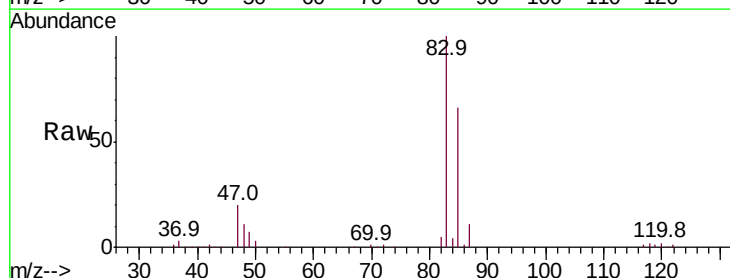
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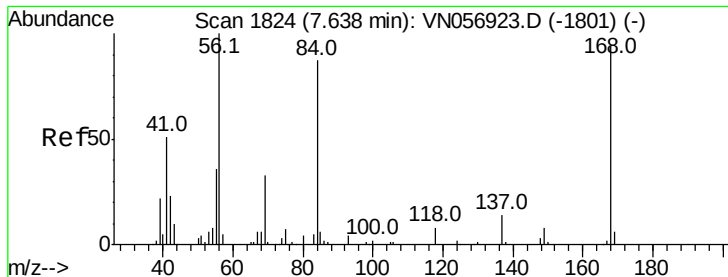
MMDadoda
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#30
Chloroform
Concen: 52.549 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.5	80.3





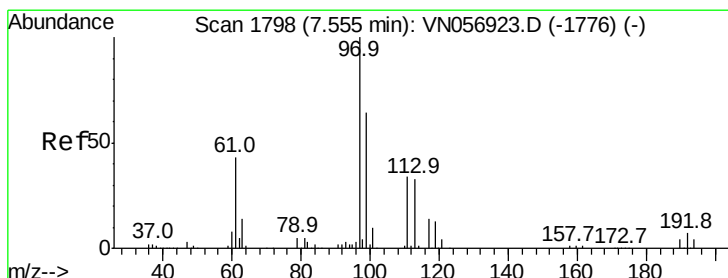
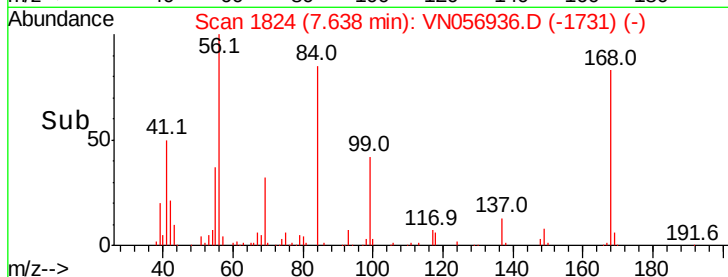
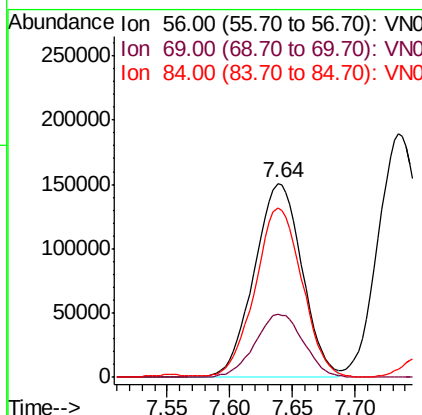
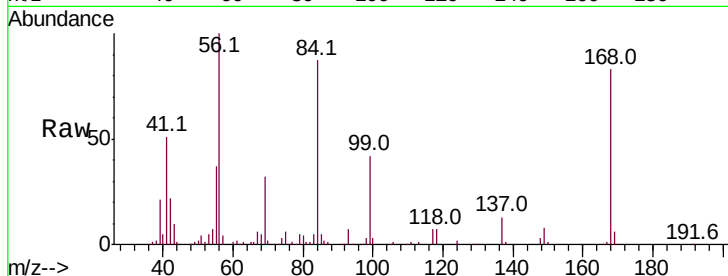
#31
Cyclohexane
Concen: 52.607 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.3	39.5
84	86.2	69.6	104.4

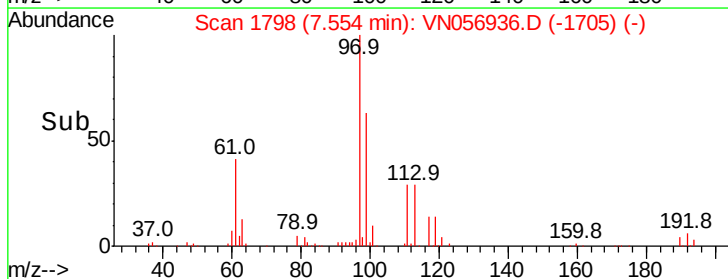
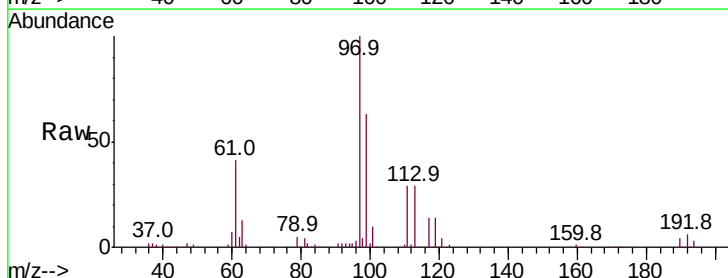
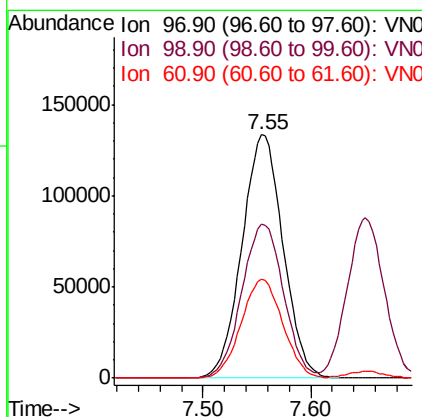
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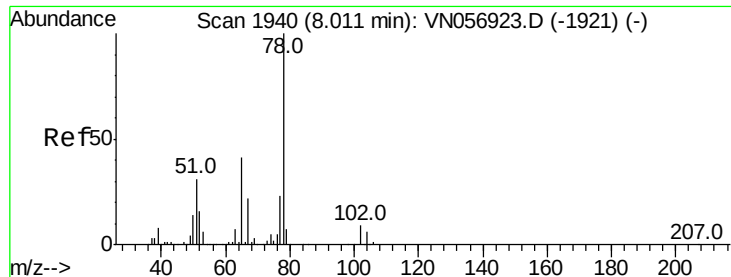
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 54.805 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	41.2	33.8	50.6





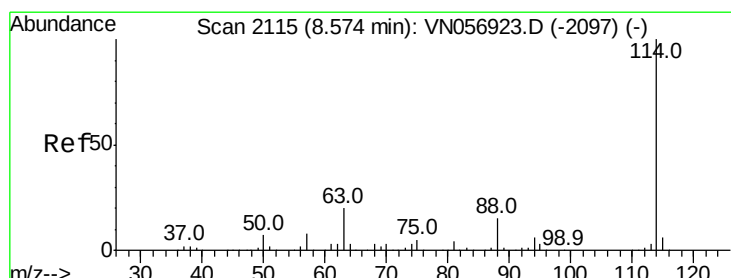
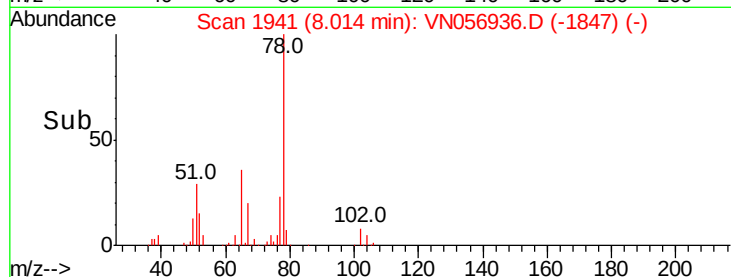
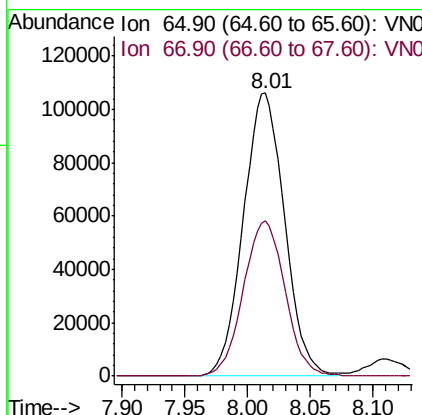
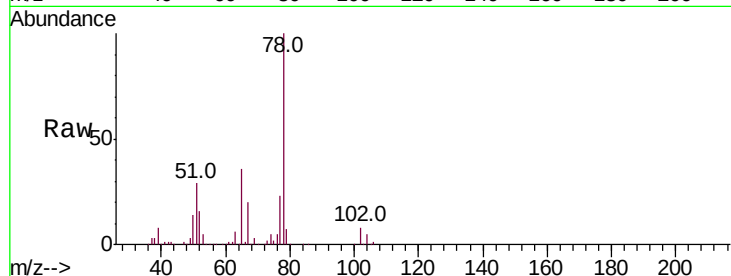
#33
 1,2-Dichloroethane-d4
 Concen: 54.765 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	109.2

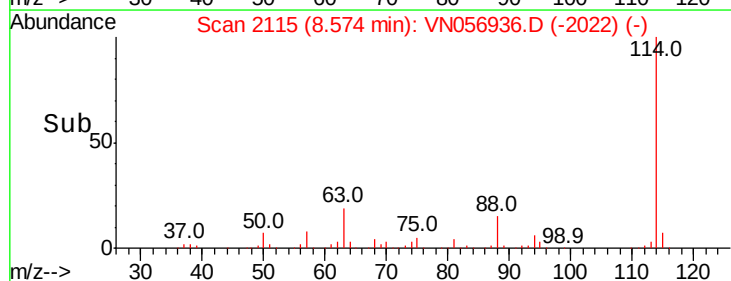
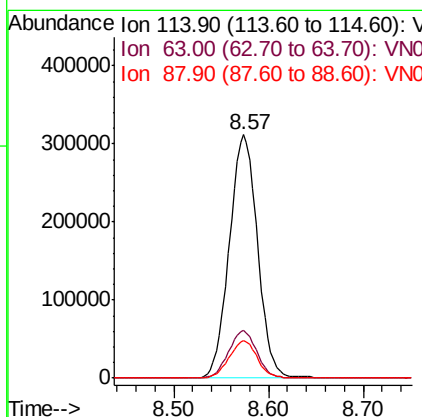
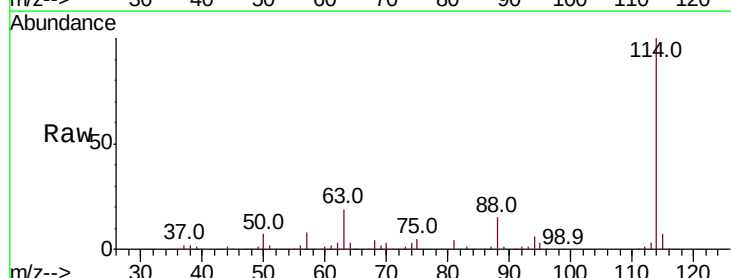
Manual Integrations
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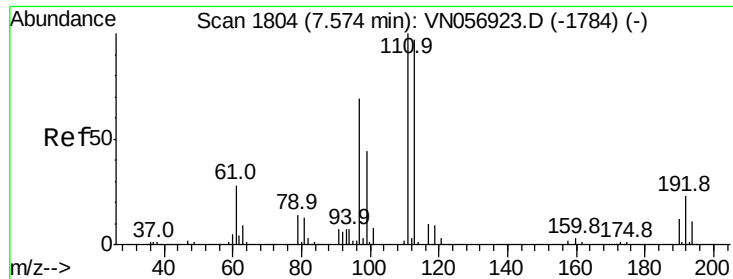
MMDadoda
 7/26/2019 3:38:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.4
88	15.4	0.0	30.4





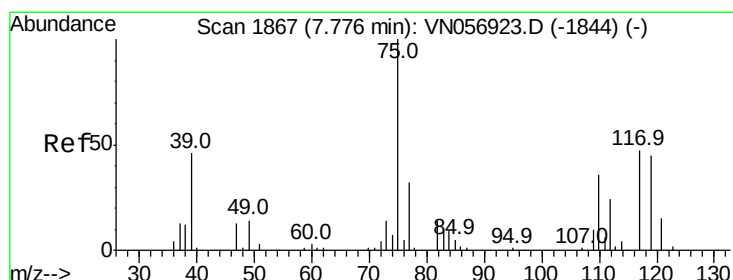
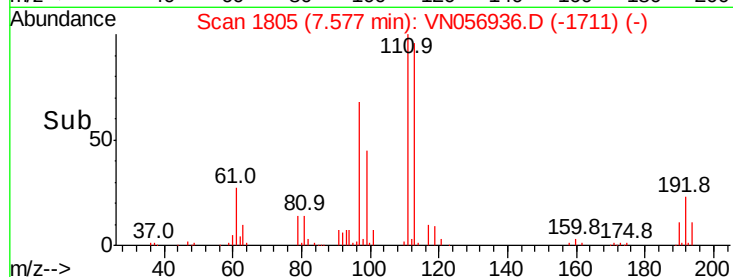
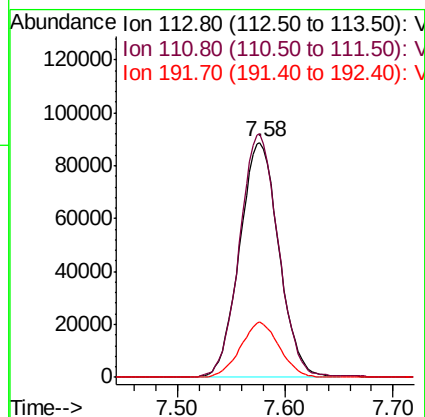
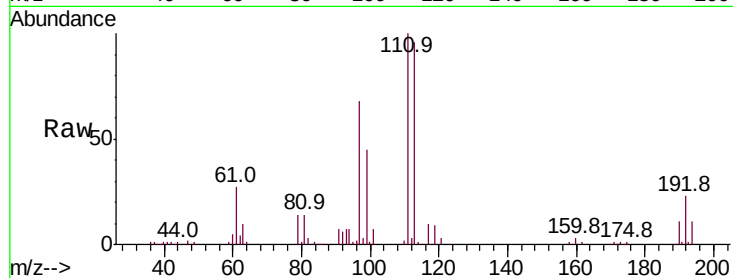
#35
 Dibromofluoromethane
 Concen: 54.645 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.7	82.2	123.2	
192	23.2	18.3	27.5	

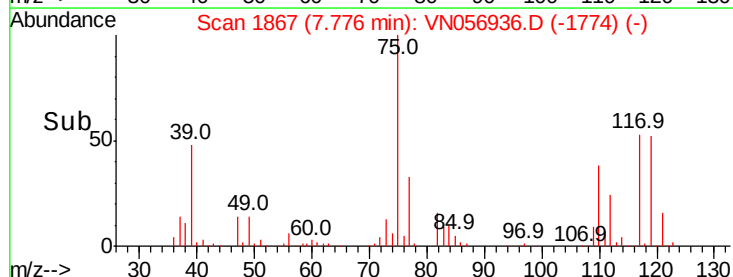
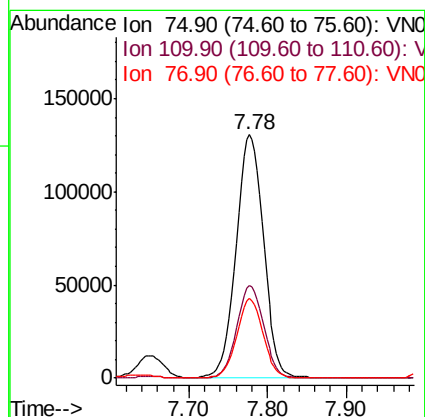
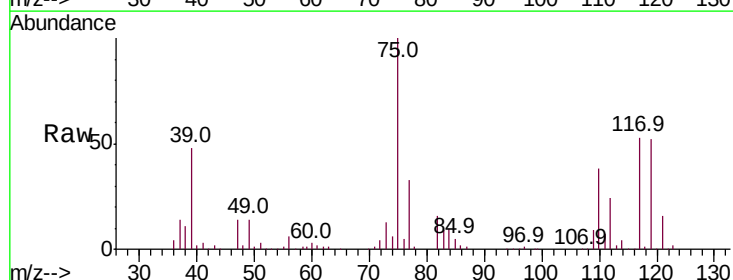
Manual Integrations
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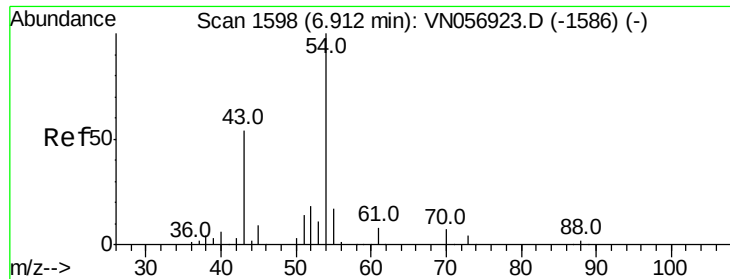
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 7/26/2019 3:38:05 PM



#36
 1,1-Dichloropropene
 Concen: 53.660 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.4	18.9	56.9	
77	31.4	25.4	38.0	





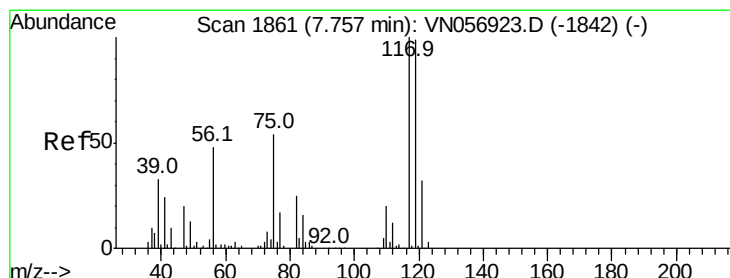
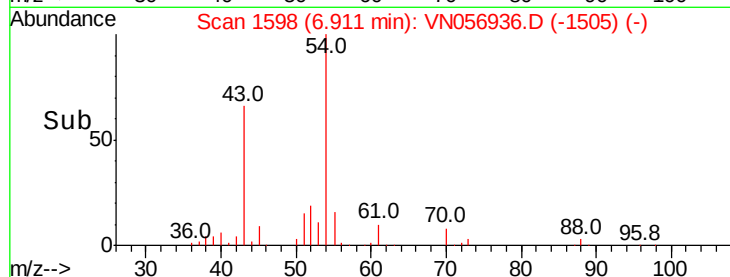
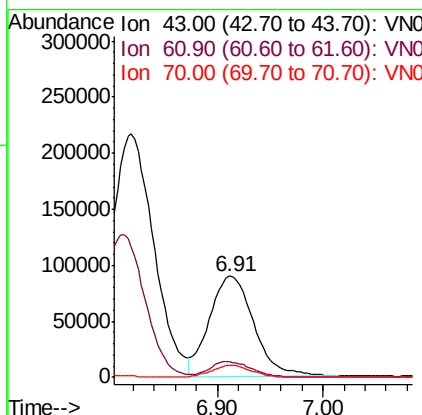
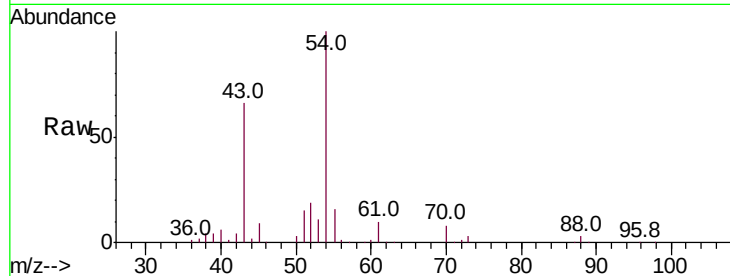
#37
Ethyl Acetate
Concen: 54.597 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.9	17.9
70	11.2	8.8	13.2

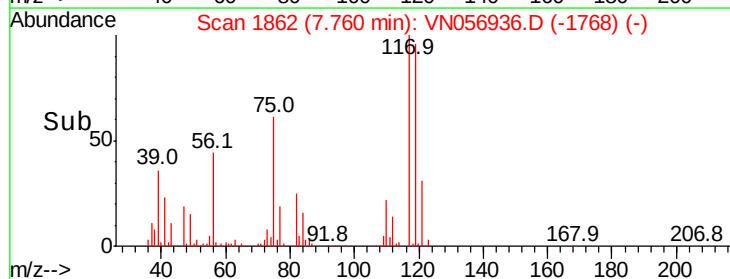
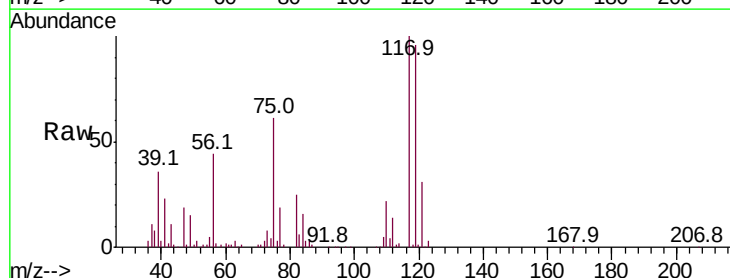
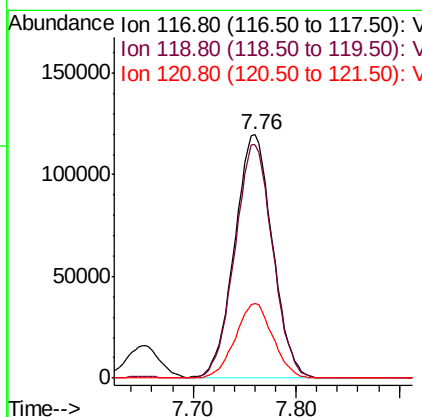
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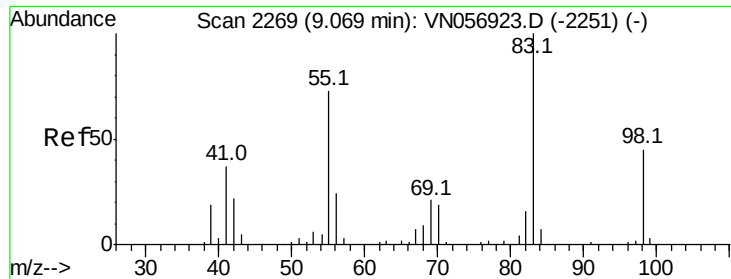
MMDadoda
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#38
Carbon Tetrachloride
Concen: 54.557 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.0	118.6
121	30.7	25.1	37.7





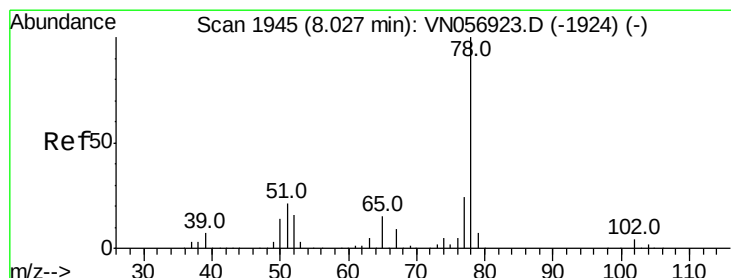
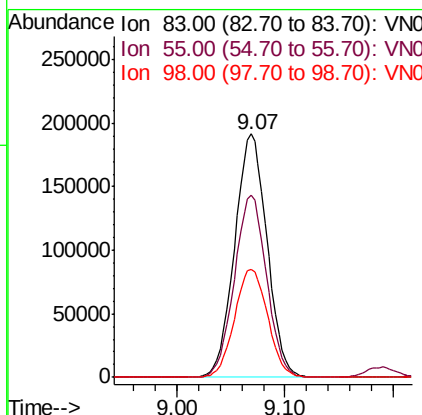
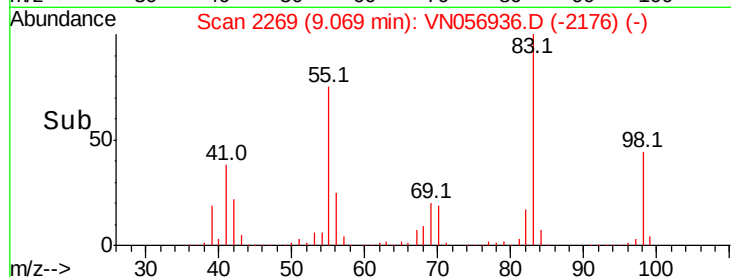
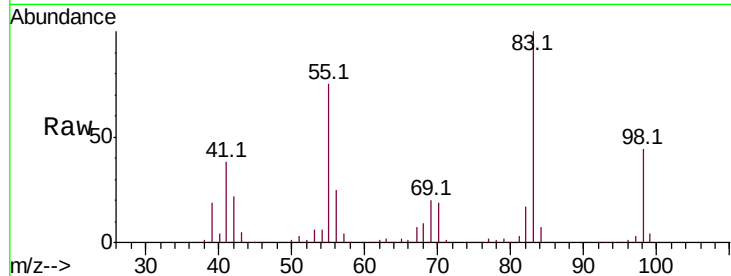
#39
Methylvlcyclohexane
Concen: 55.591 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	58.8	88.2
98	44.4	35.8	53.6

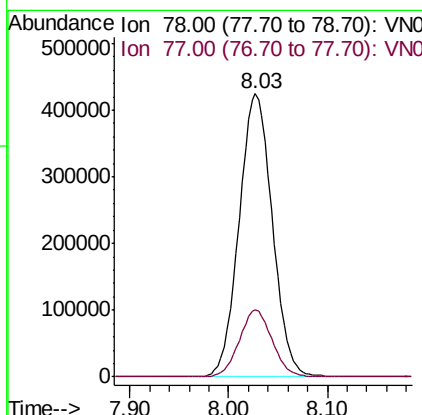
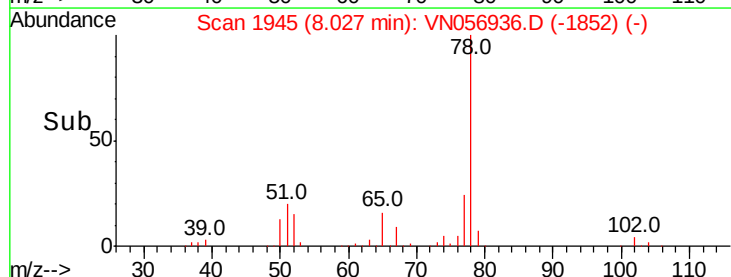
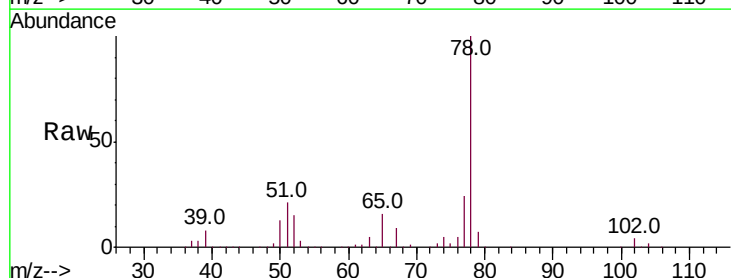
Manual Integrations
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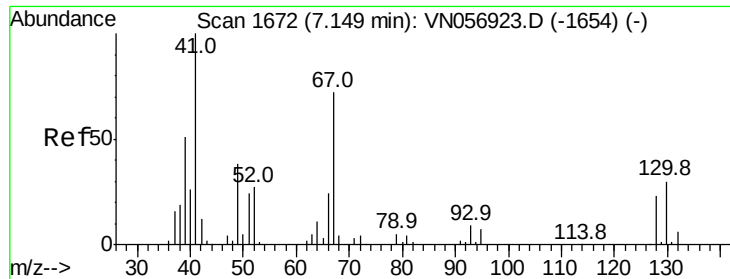
MMDadoda
7/26/2019 3:38:05 PM



#40
Benzene
Concen: 53.810 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3





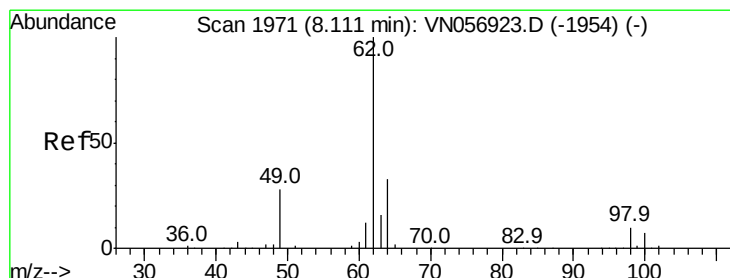
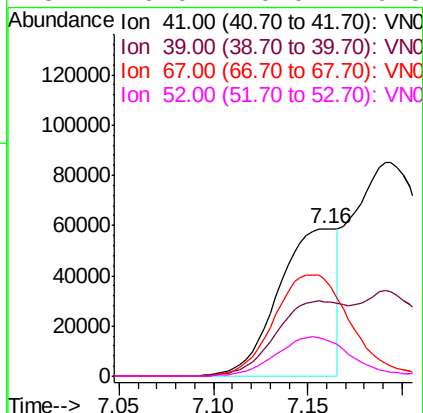
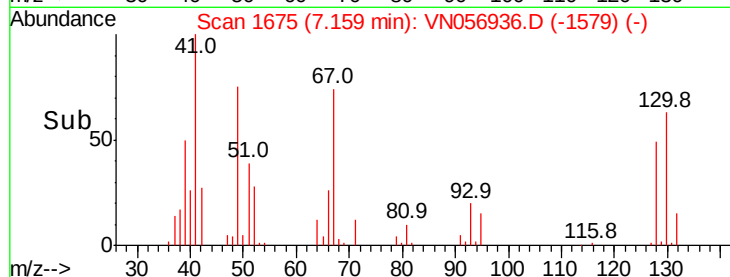
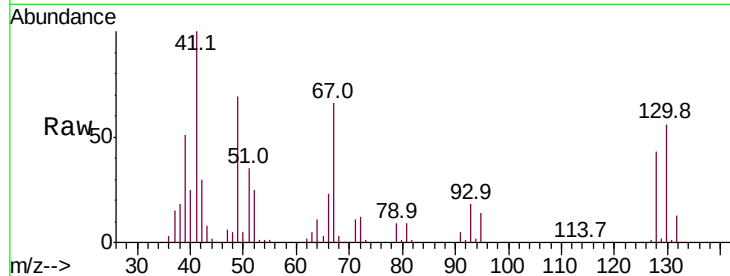
#41
Methacrylonitrile
Concen: 59.905 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	126047
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

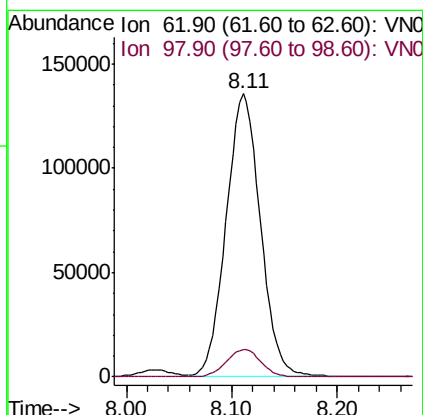
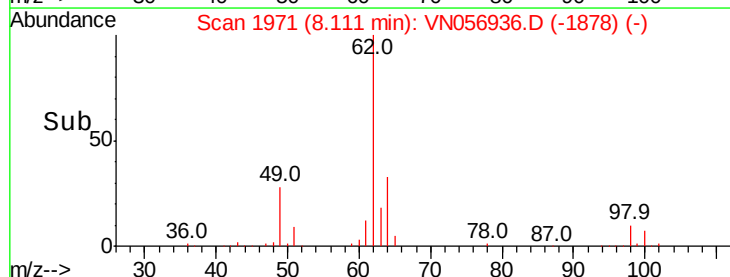
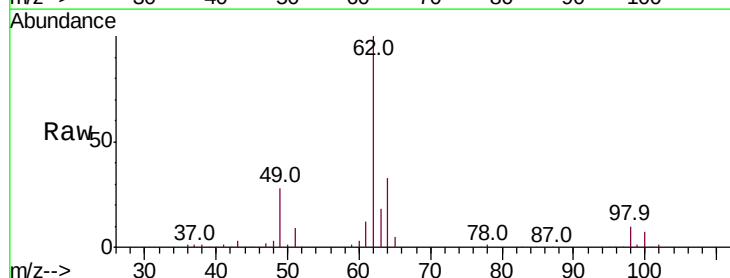
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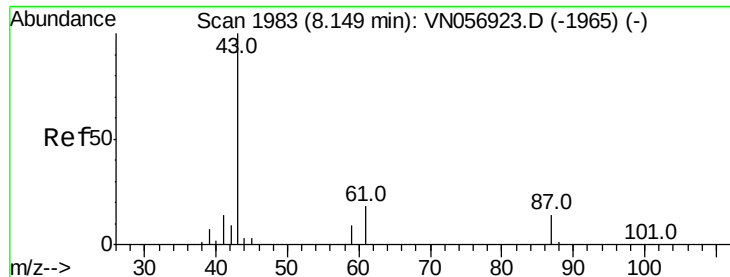
MMDadoda
7/26/2019 3:38:05 PM



#42
1,2-Dichloroethane
Concen: 53.581 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	62	Resp	304693
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	20.8





#43

Isopropyl Acetate

Concen: 54.157 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

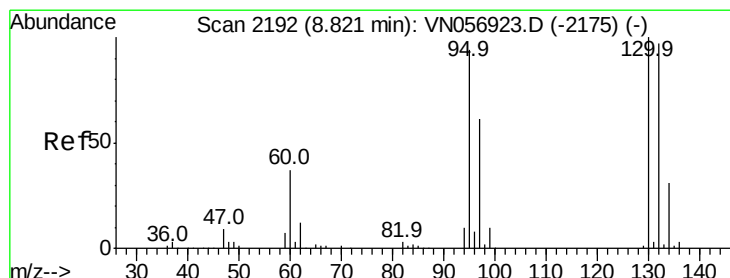
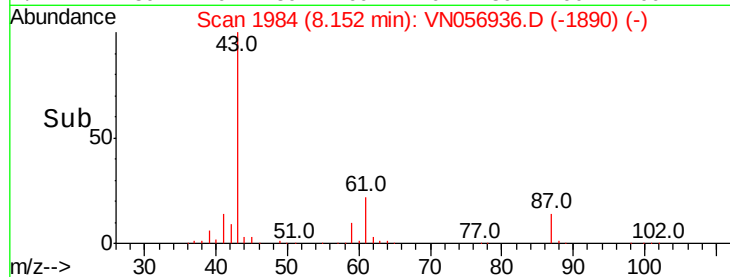
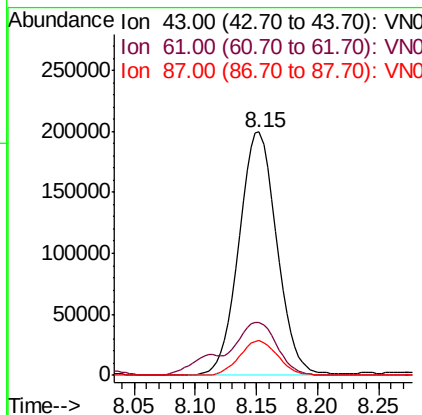
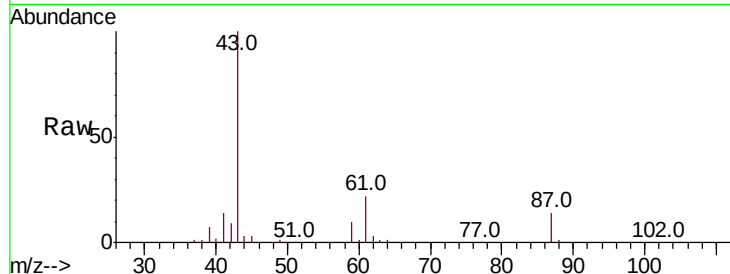
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	426284
Ion	Ratio	Lower	Upper
43	100		
61	22.6	23.8	35.6#
87	14.7	11.8	17.6

Manual Integrations
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MMDadoda
7/26/2019 3:38:05 PM



#44

Trichloroethene

Concen: 54.200 ug/l

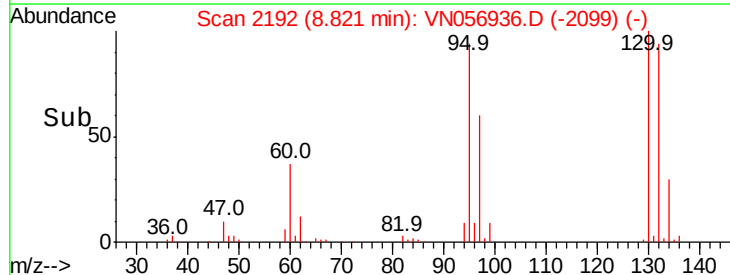
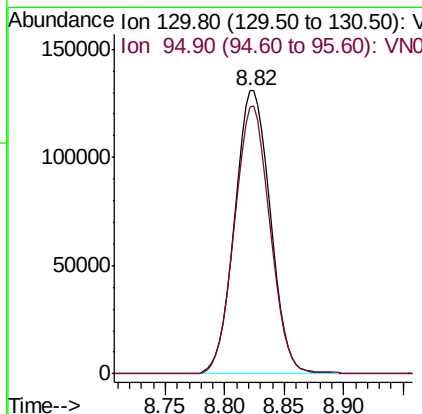
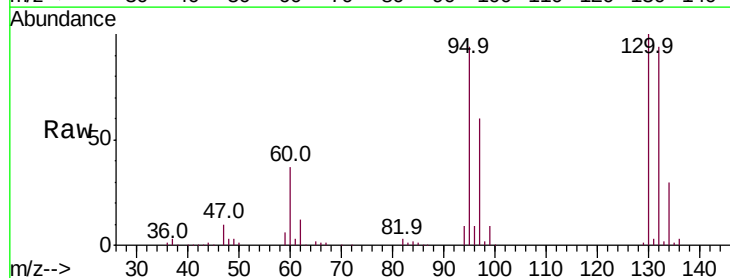
RT: 8.82 min Scan# 2192

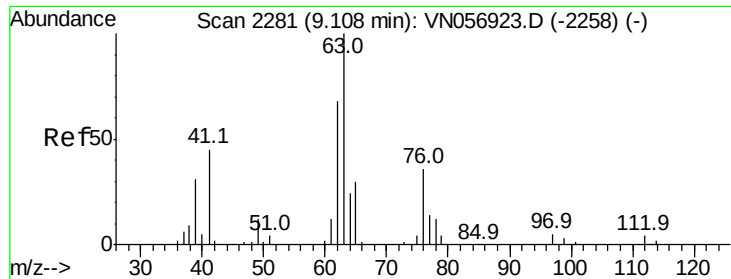
Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Tgt Ion:	130	Resp:	272229
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	187.6





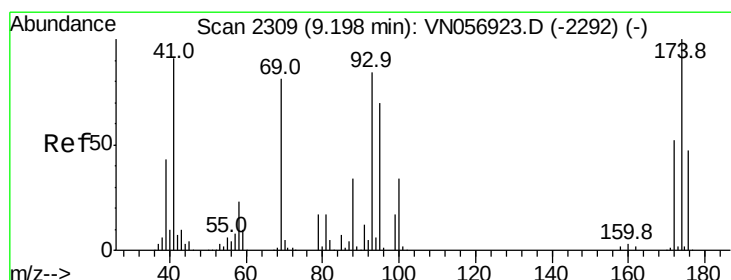
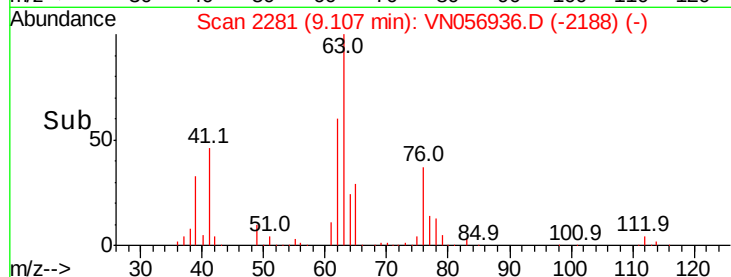
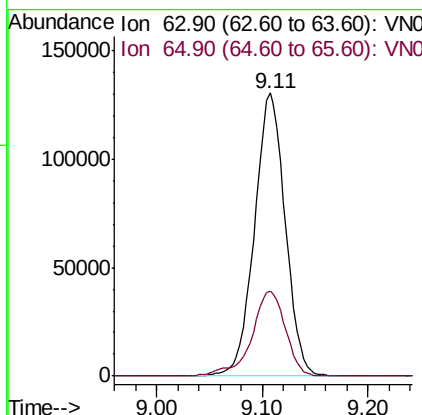
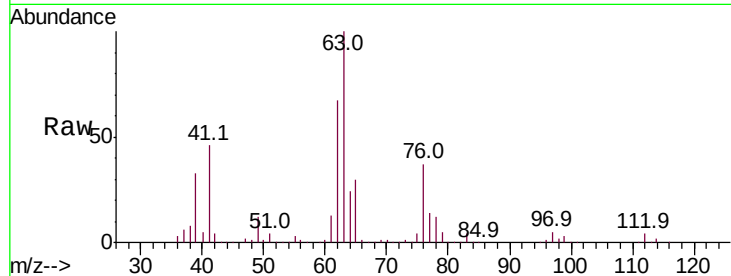
#45
 1,2-Dichloropropane
 Concen: 53.604 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 265226
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.5 36.7

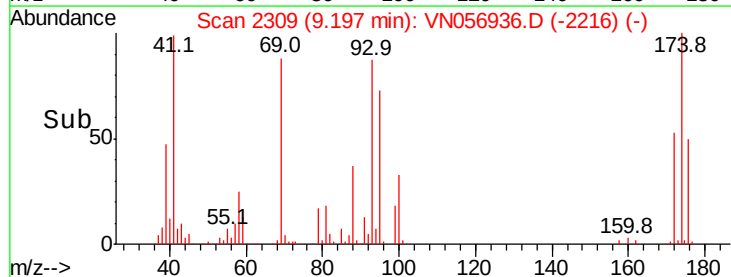
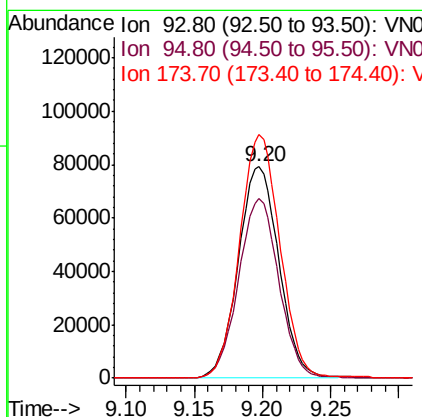
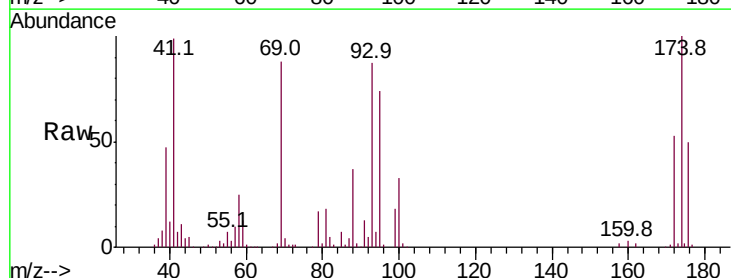
Manual Integrations
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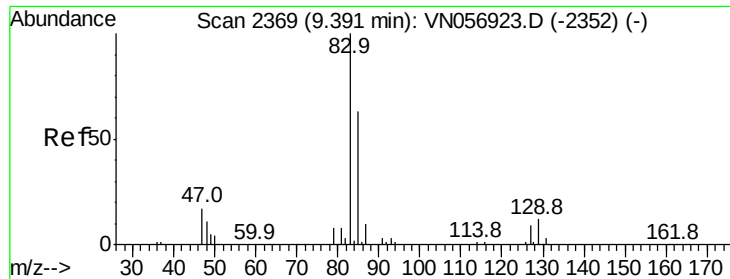
MMDadoda
 7/26/2019 3:38:05 PM



#46
 Dibromomethane
 Concen: 54.931 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion: 93 Resp: 163850
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.8 100.2
 174 114.2 92.9 139.3





#47

Bromodichloromethane

Concen: 53.863 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

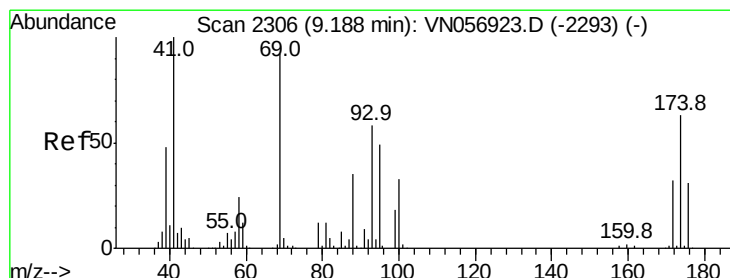
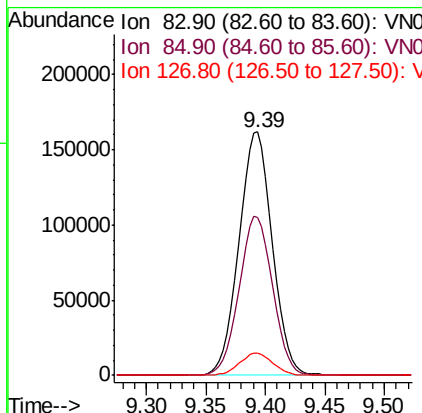
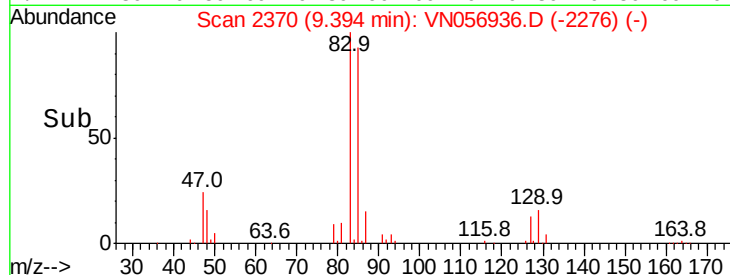
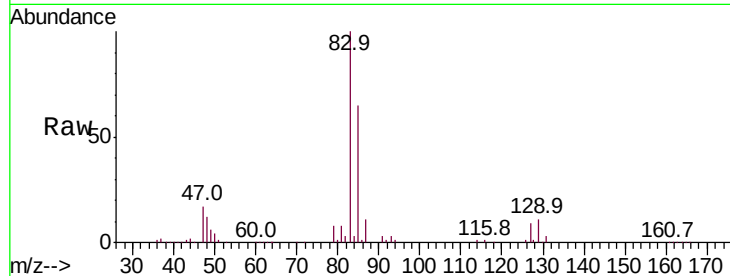
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	313747
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.5	75.7
127	9.1	7.4	11.0

Manual Integrations
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MMDadoda
7/26/2019 3:38:05 PM



#48

Methyl methacrylate

Concen: 55.893 ug/l

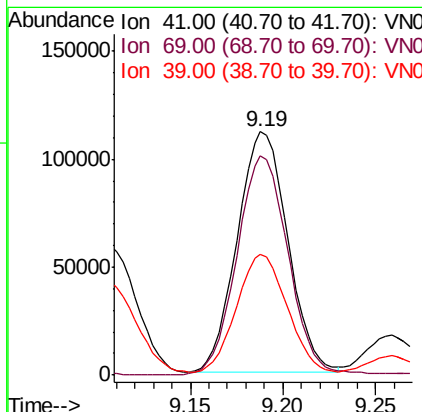
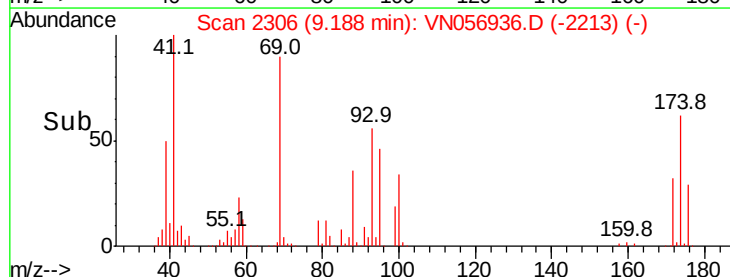
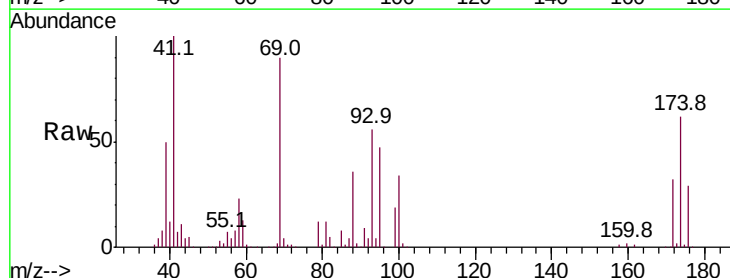
RT: 9.19 min Scan# 2306

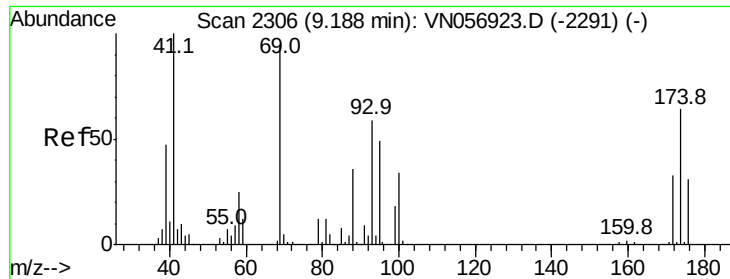
Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Tgt Ion:	41	Resp:	211192
Ion	Ratio	Lower	Upper
41	100		
69	93.0	73.4	110.0
39	50.8	40.1	60.1





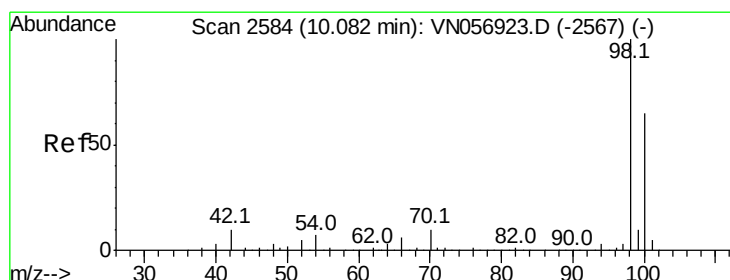
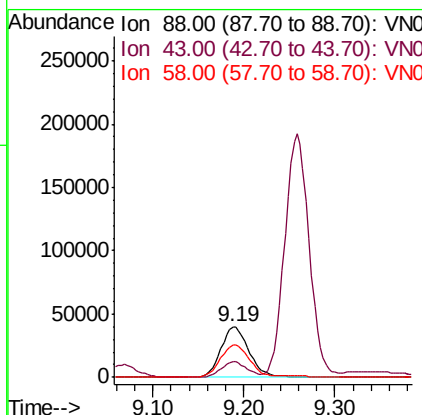
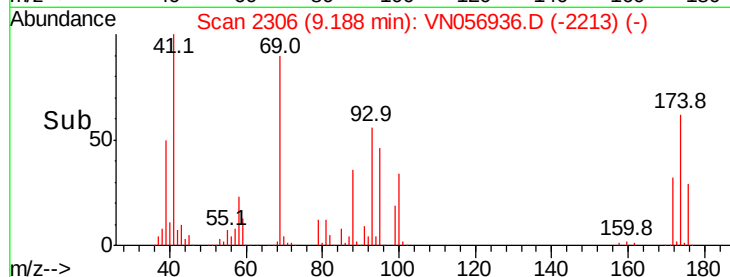
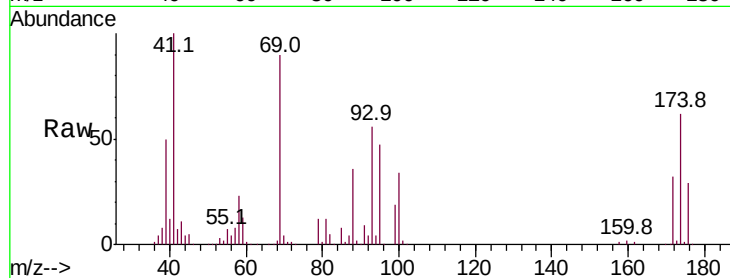
#49
1,4-Dioxane
Concen: 1093.149 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	86490
Ion	Ratio	Lower	Upper
88	100		
43	27.6	21.1	31.7
58	66.4	52.5	78.7

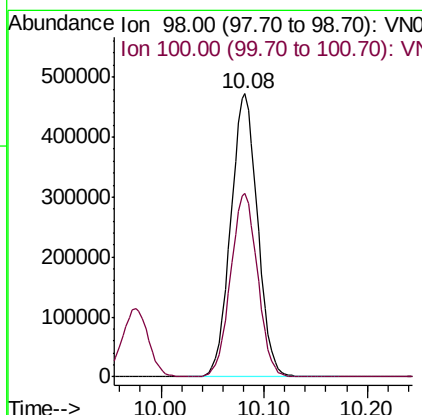
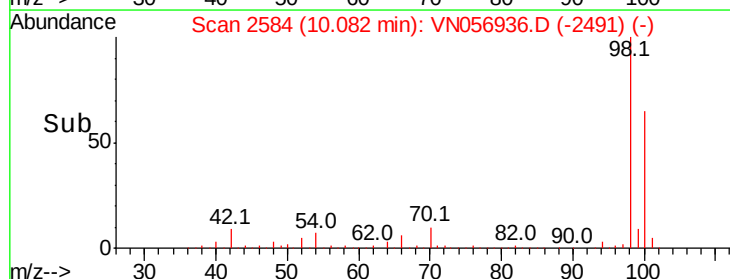
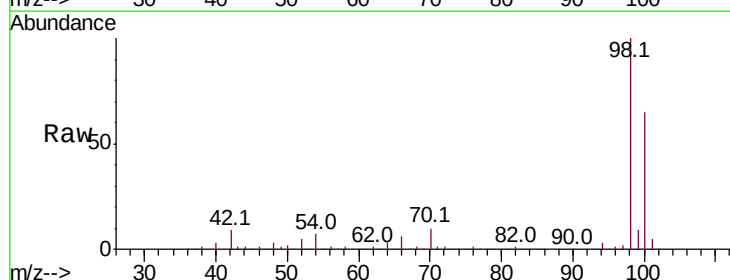
Manual Integrations
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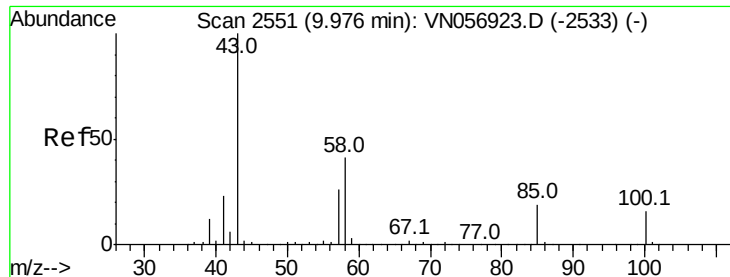
MMDadoda
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#50
Toluene-d8
Concen: 54.713 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	98	Resp	856034
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 275.034 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1287132

Ion Ratio Lower Upper

43 100

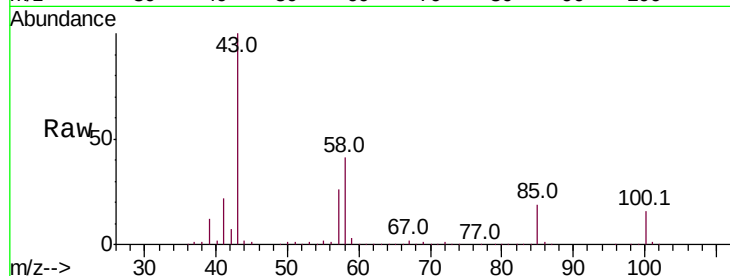
58 40.8 32.8 49.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN056923.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056923.D (-2533) (-)

9.97

800000

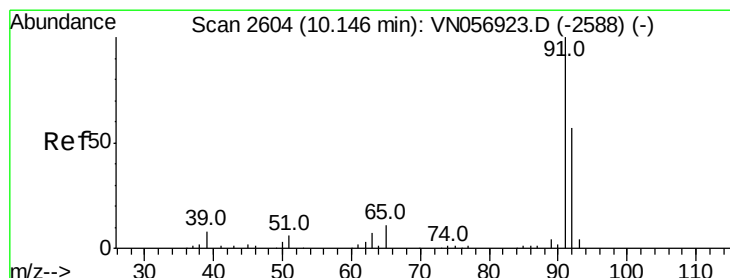
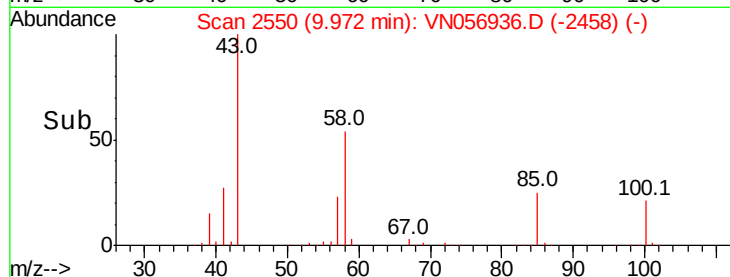
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 55.466 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN056936.D

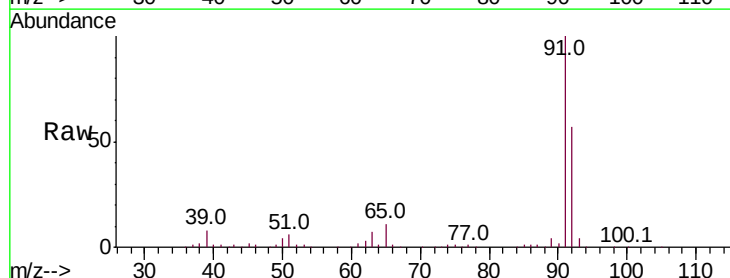
Acq: 25 Jul 2019 22:24

Tgt Ion: 92 Resp: 612476

Ion Ratio Lower Upper

92 100

91 173.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN056923.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN056923.D (-2588) (-)

10.15

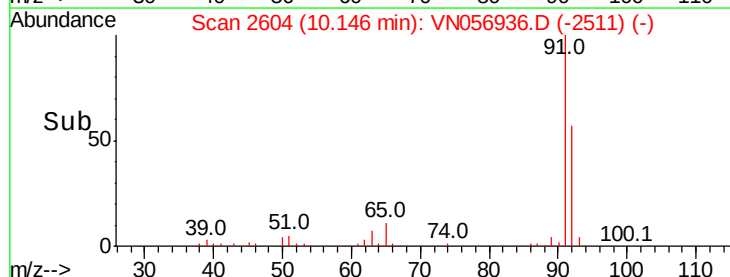
600000

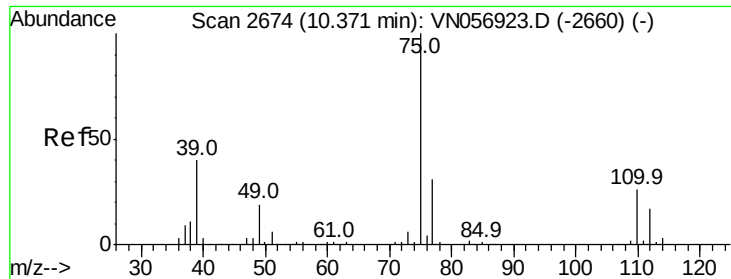
400000

200000

0

Time-->





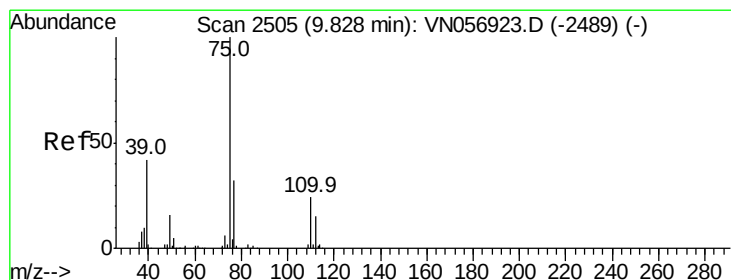
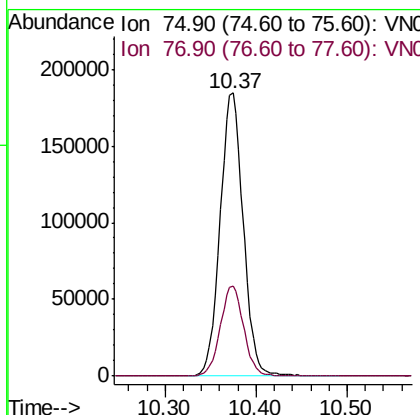
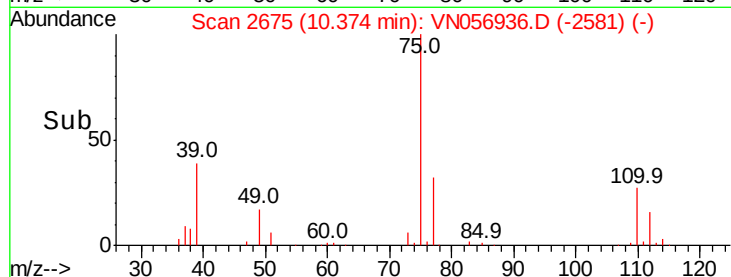
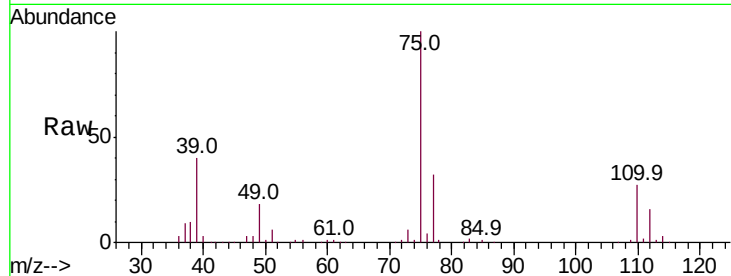
#53
t-1,3-Dichloropropene
Concen: 55.518 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 326039
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6

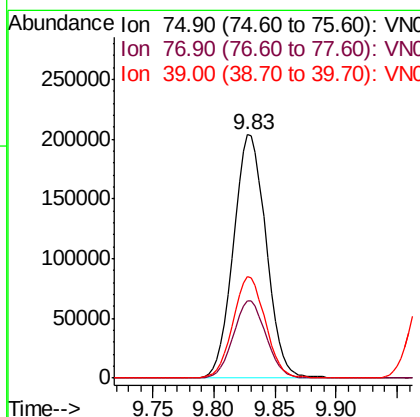
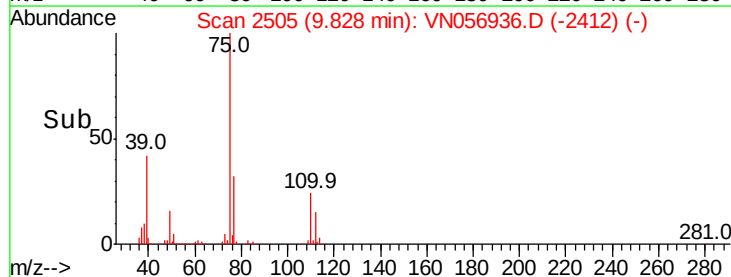
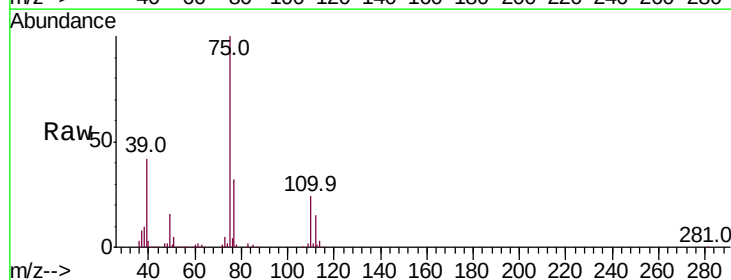
Manual Integrations
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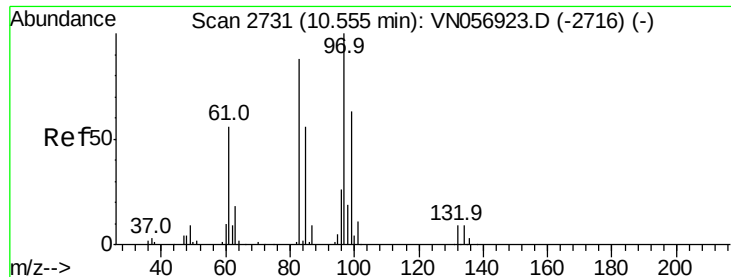
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.769 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 75 Resp: 378650
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 41.4 33.4 50.0





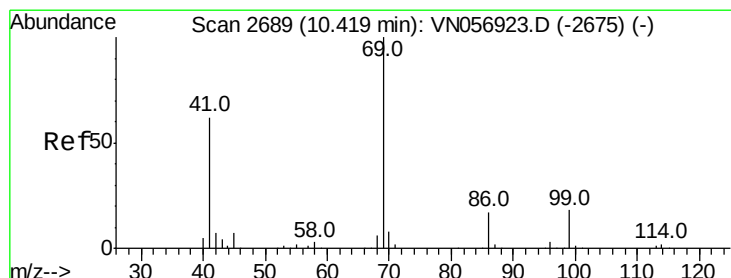
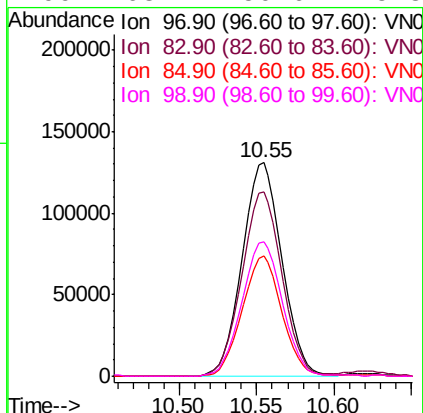
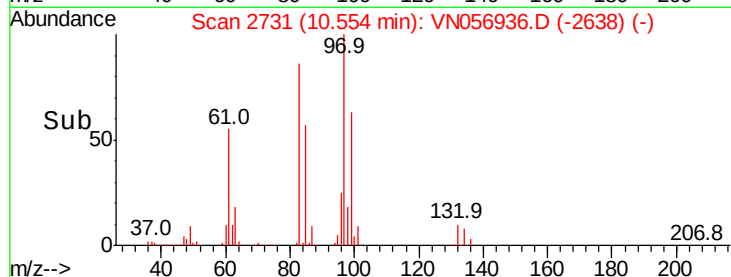
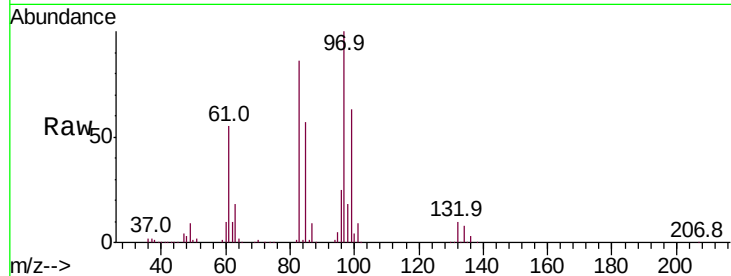
#55
 1,1,2-Trichloroethane
 Concen: 53.133 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.1	105.1
85	56.5	45.1	67.7
99	63.2	50.6	75.8

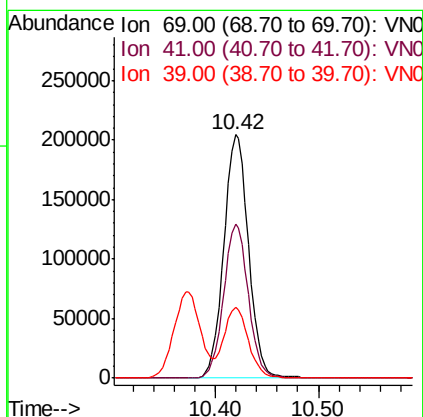
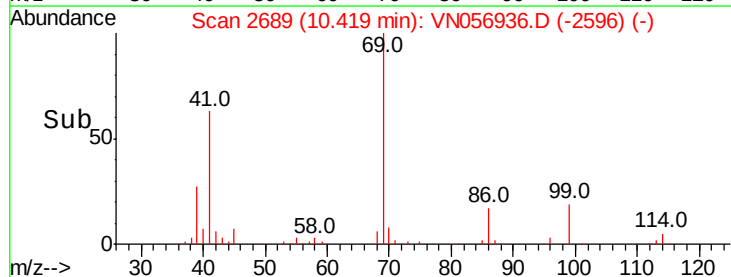
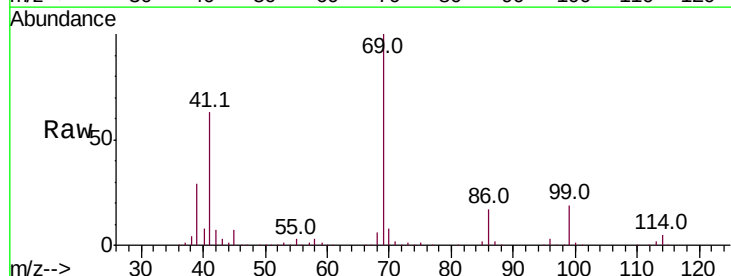
Manual Integrations
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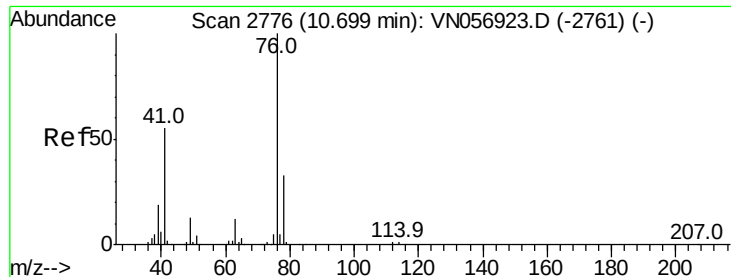
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 7/26/2019 3:38:05 PM



#56
 Ethyl methacrylate
 Concen: 57.457 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.7	74.5
39	29.3	23.6	35.4





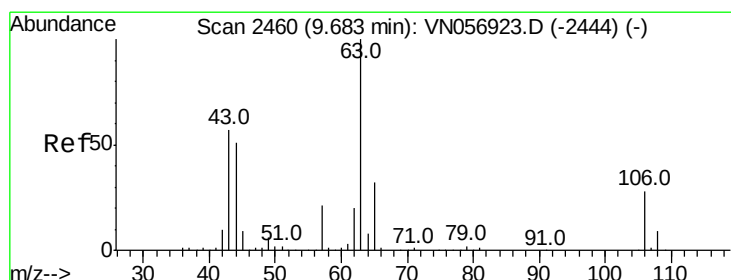
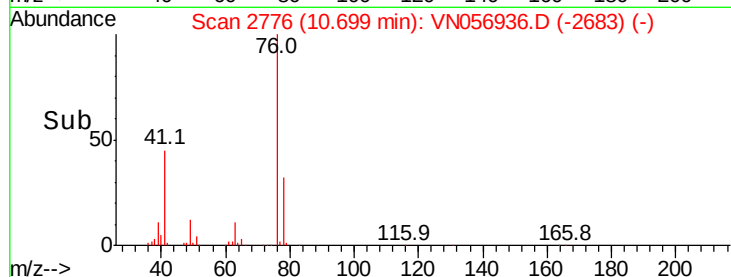
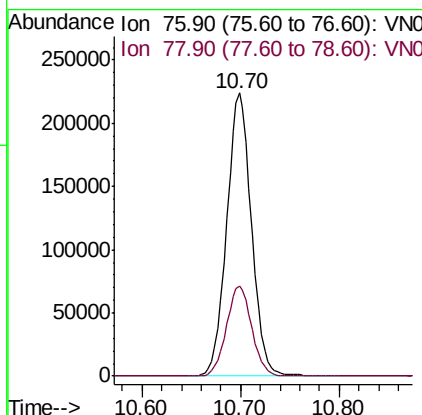
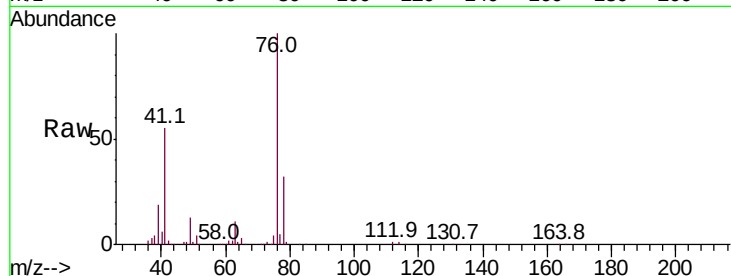
#57
 1,3-Dichloropropane
 Concen: 54.238 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 392837
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8

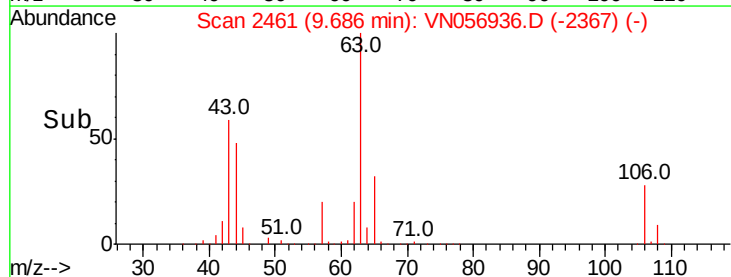
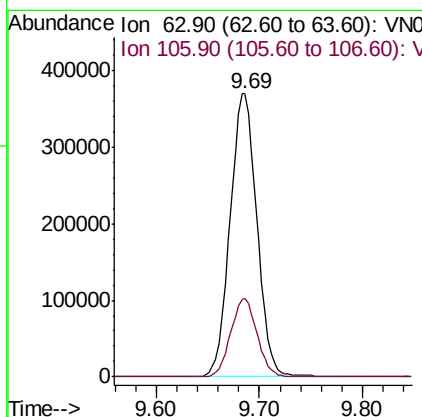
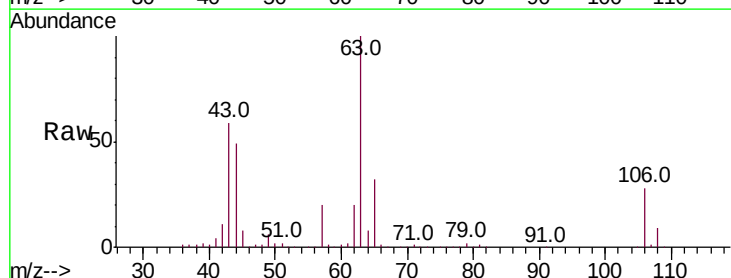
Manual Integrations
 APPROVED

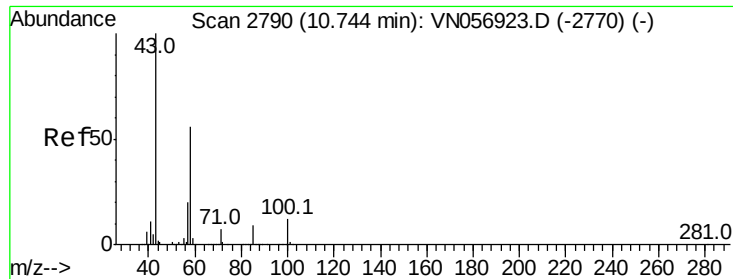
MMDadoda
 7/26/2019 3:38:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.445 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion: 63 Resp: 670980
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.2 33.4





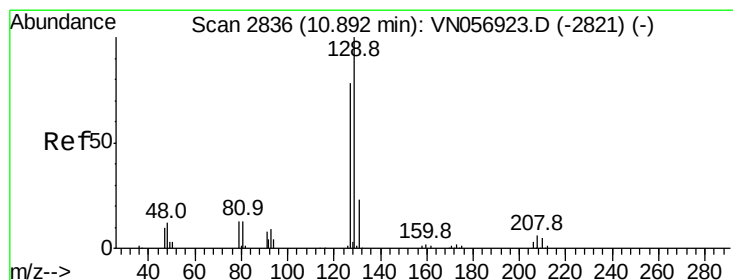
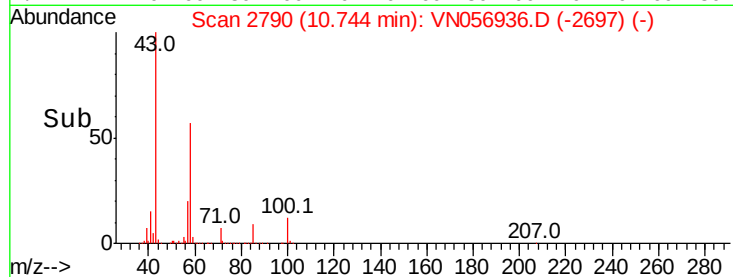
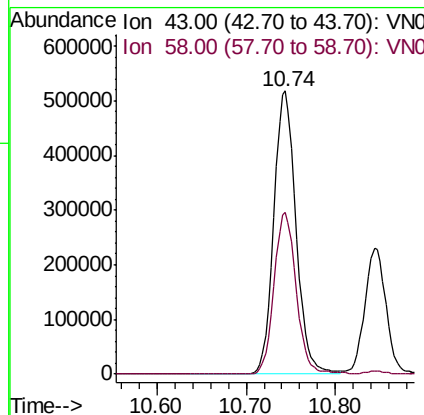
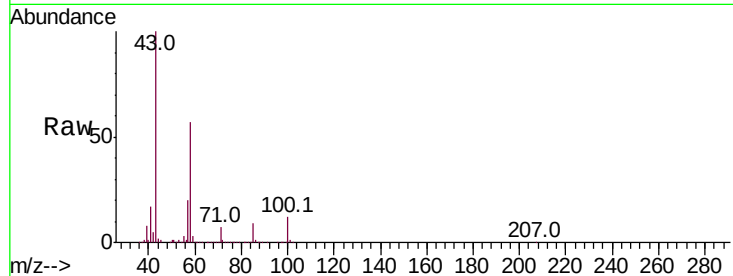
#59
2-Hexanone
Concen: 278.933 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.2	28.2	84.6

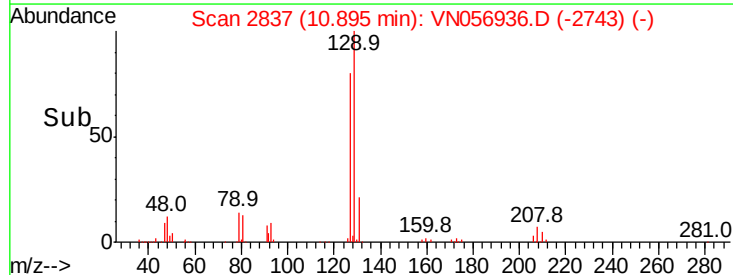
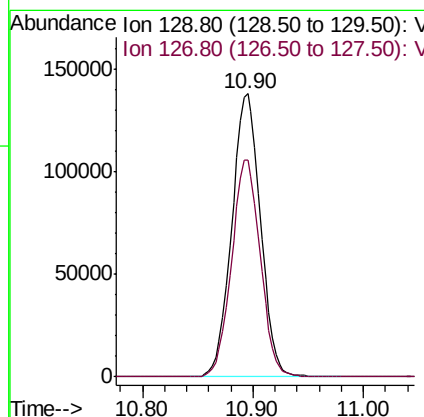
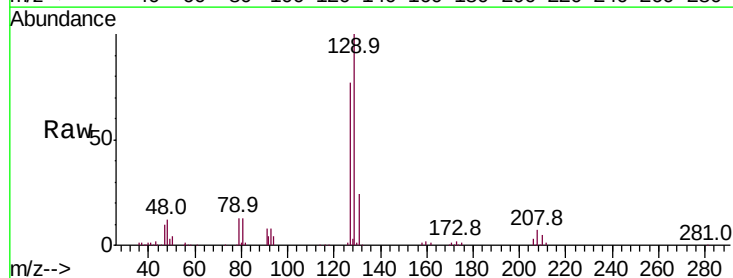
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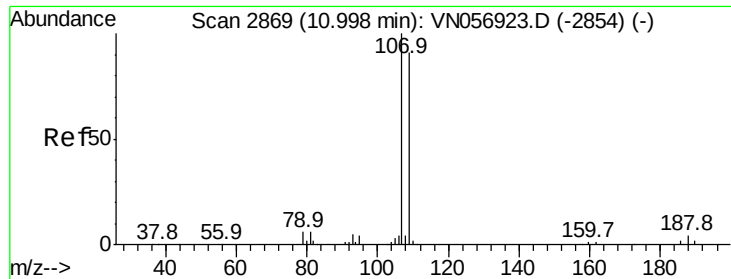
MMDadoda
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#60
Dibromochloromethane
Concen: 55.527 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.4	115.2





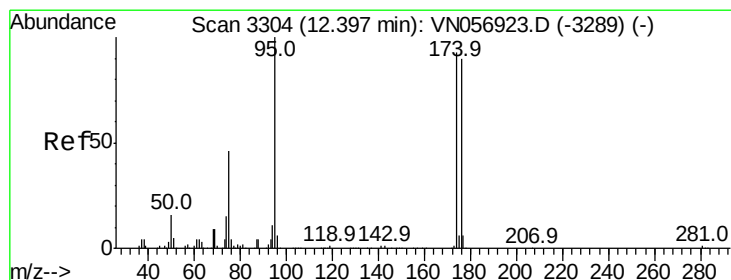
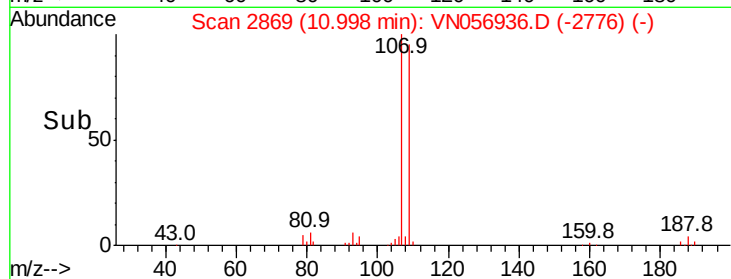
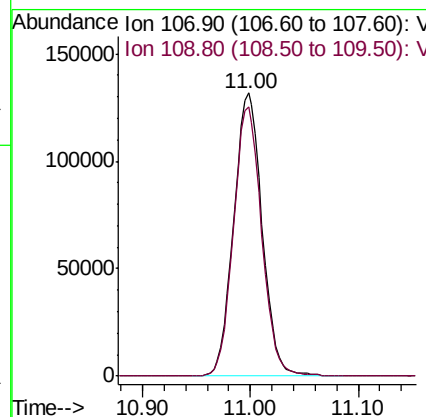
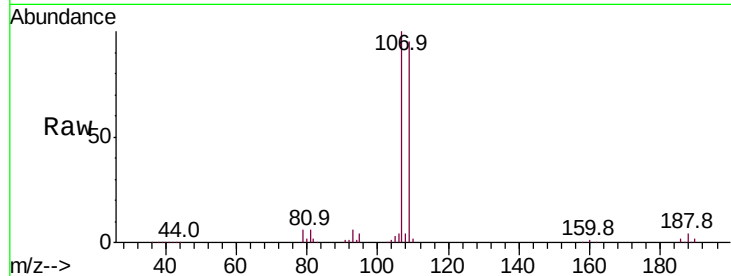
#61
 1,2-Dibromoethane
 Concen: 55.111 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	74.8	112.2

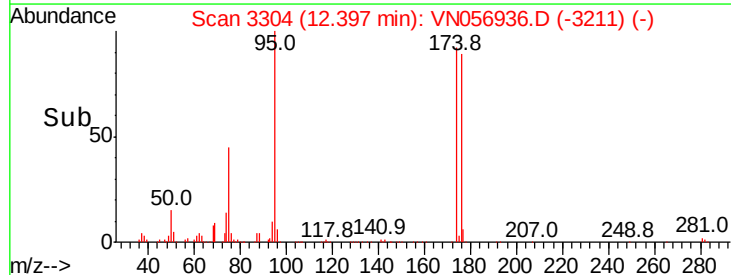
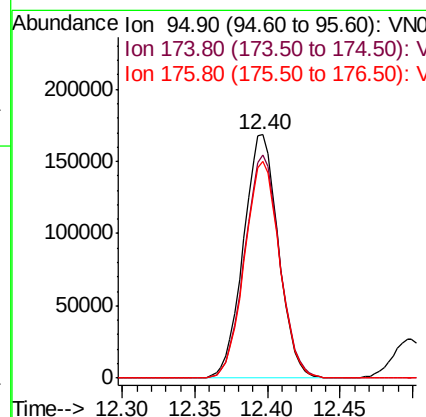
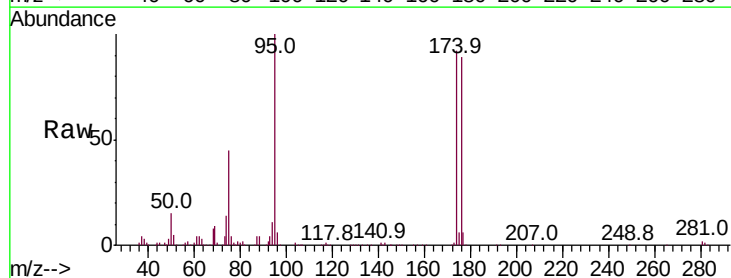
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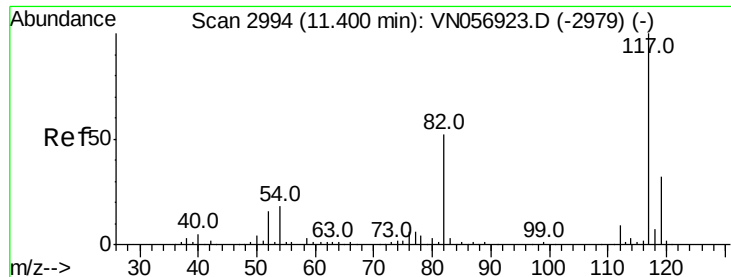
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 55.345 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	186.2
176	89.3	0.0	179.6





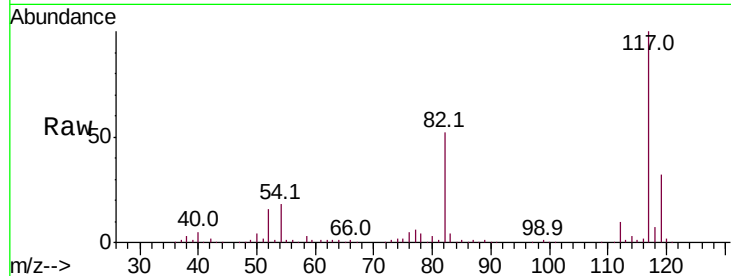
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.7	62.5
119	31.8	25.5	38.3

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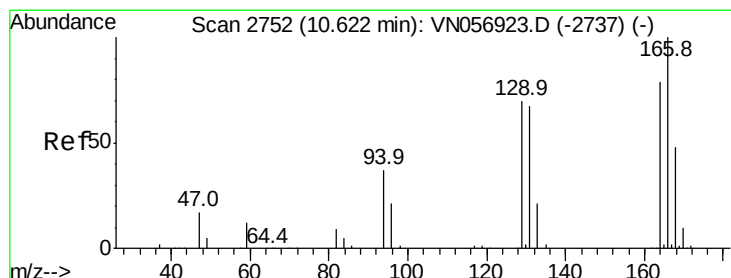
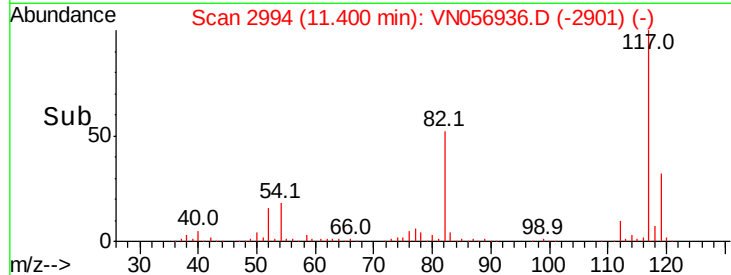
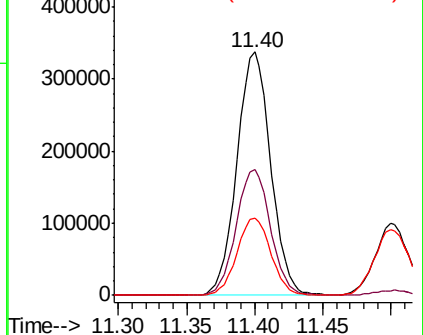


Abundance

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: 53.667 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.6	152.4
129	89.7	70.9	106.3
131	85.5	68.4	102.6

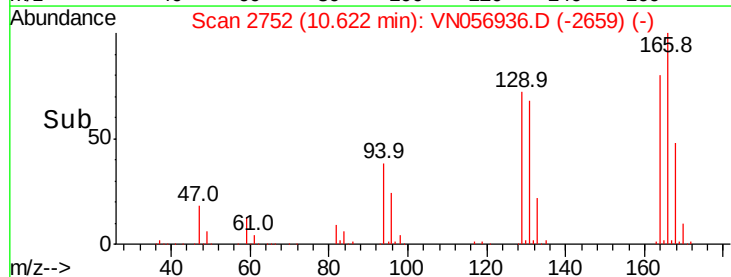
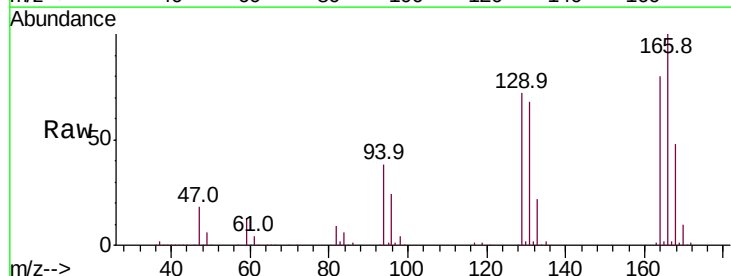
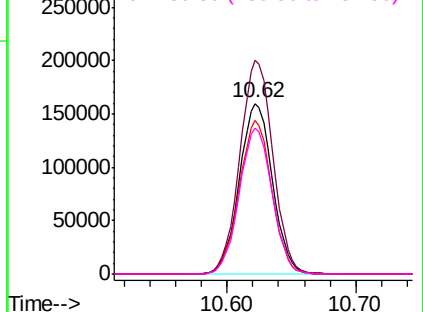
Abundance

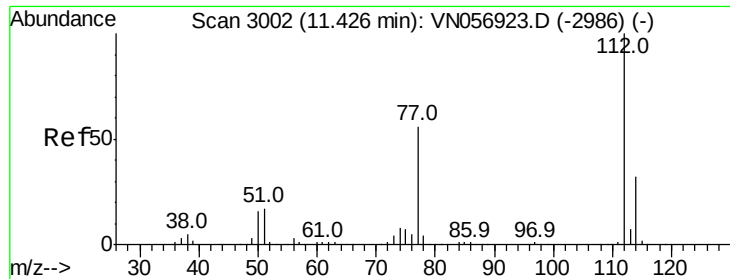
Ion 163.80 (163.50 to 164.50): V

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





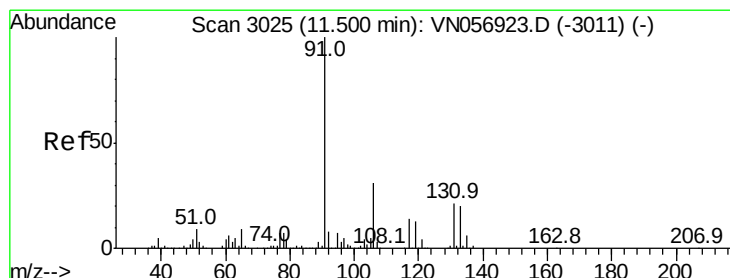
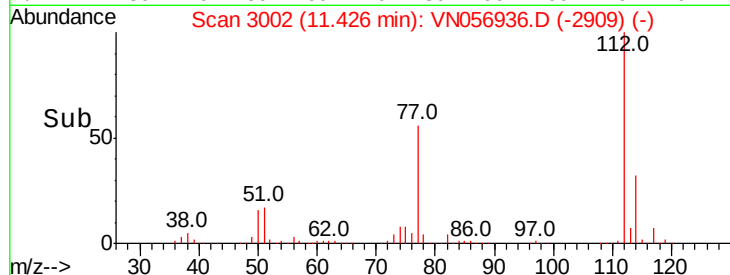
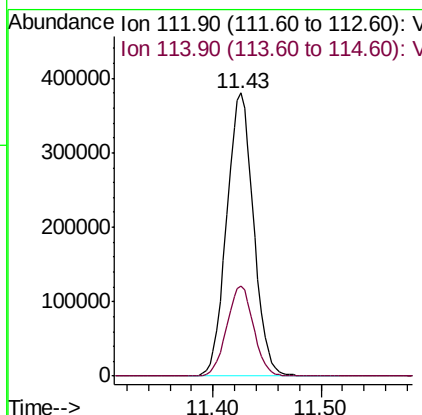
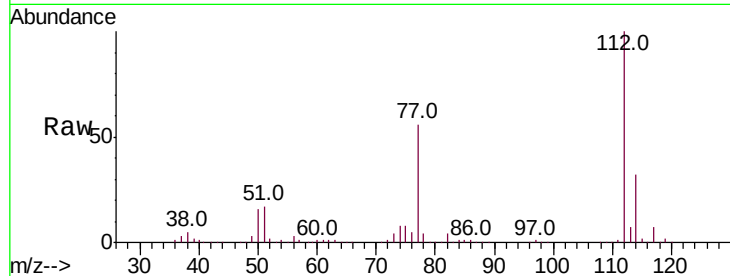
#65
Chlorobenzene
Concen: 54.289 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 659995
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

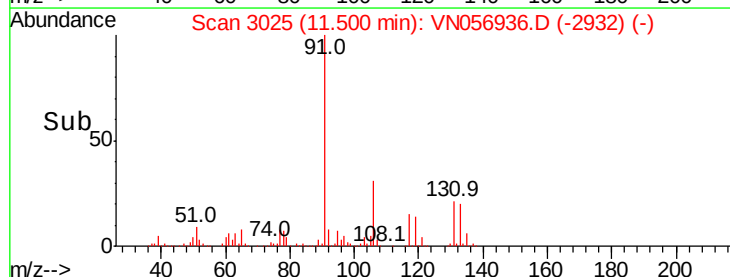
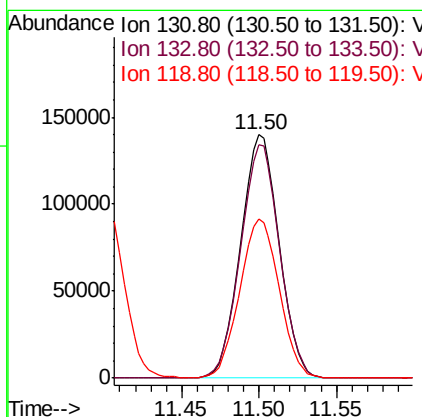
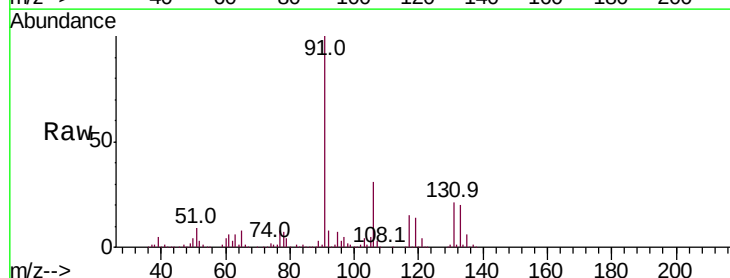
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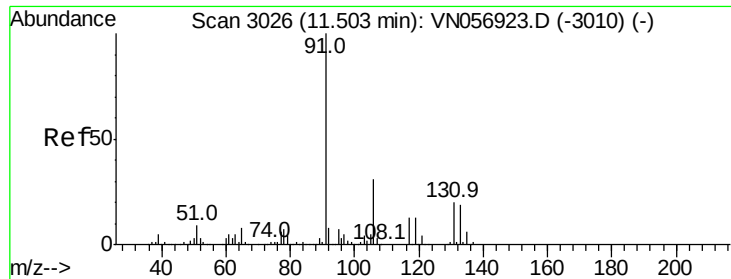
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.527 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion:131 Resp: 242007
Ion Ratio Lower Upper
131 100
133 97.3 47.1 141.4
119 67.0 32.6 98.0





#67

Ethyl Benzene

Concen: 55.073 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1152750

Ion Ratio Lower Upper

91 100

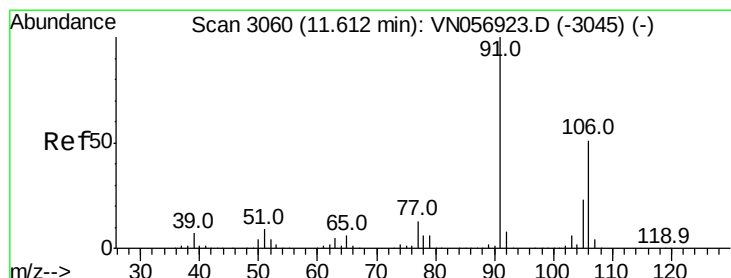
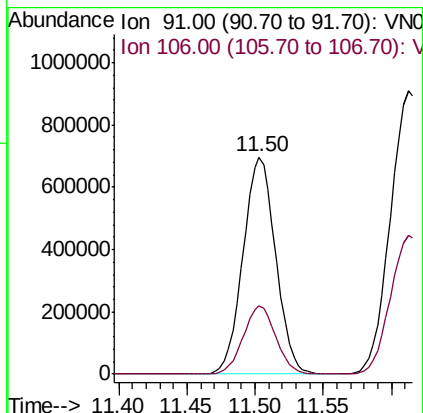
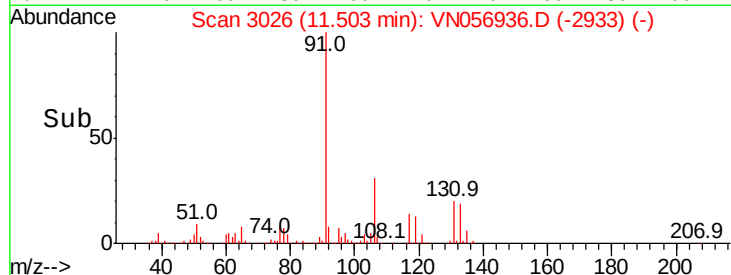
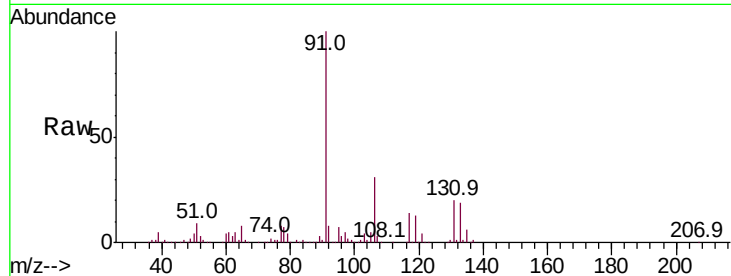
106 31.3 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 109.498 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN056936.D

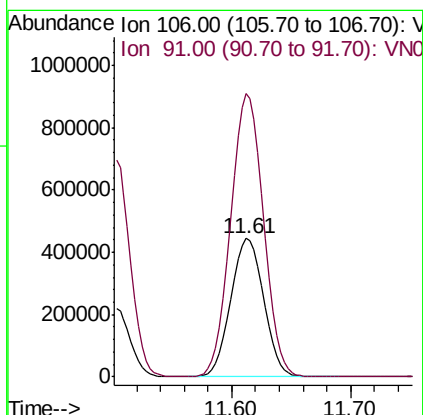
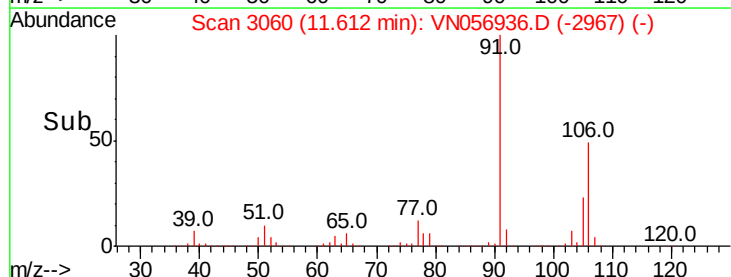
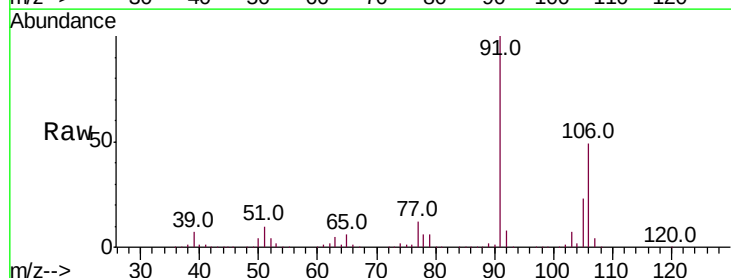
Acq: 25 Jul 2019 22:24

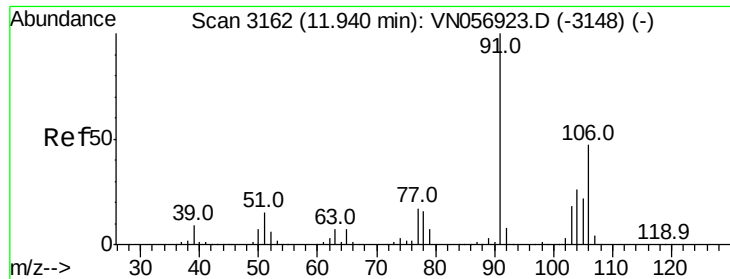
Tgt Ion: 106 Resp: 854636

Ion Ratio Lower Upper

106 100

91 202.7 159.6 239.4





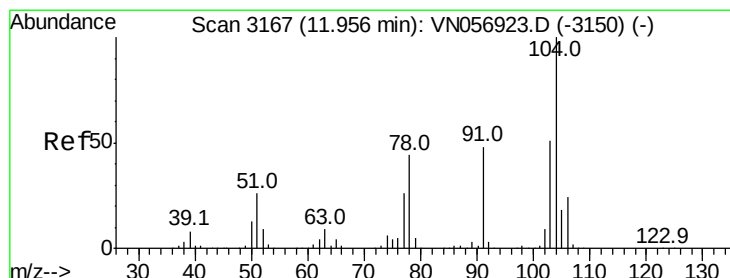
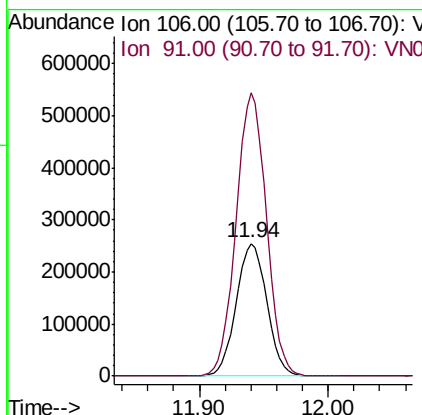
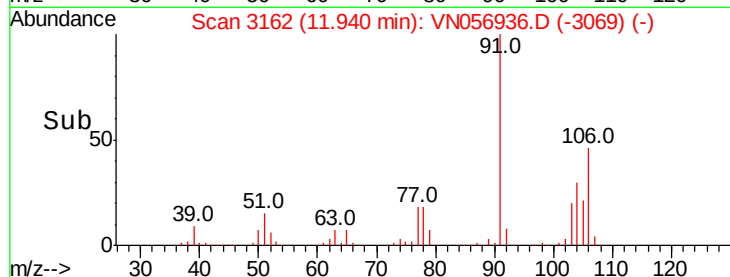
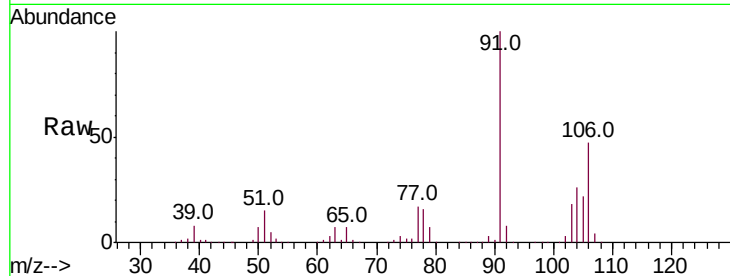
#69
o-Xylene
Concen: 55.072 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 420609
Ion Ratio Lower Upper
106 100
91 211.3 105.7 317.0

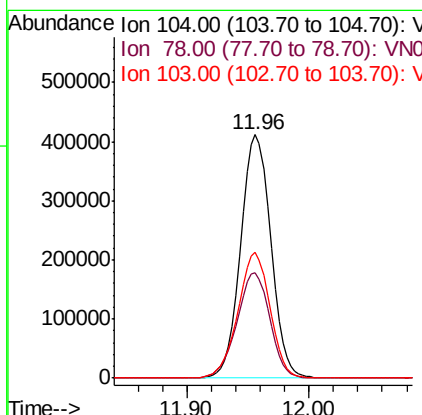
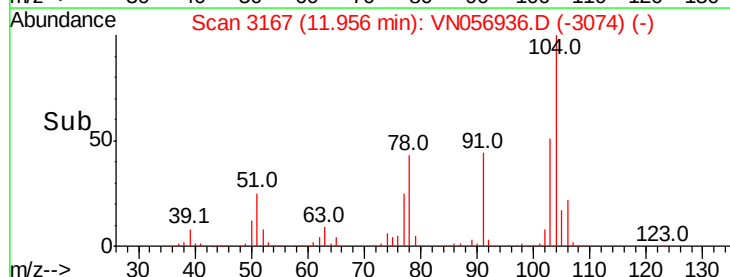
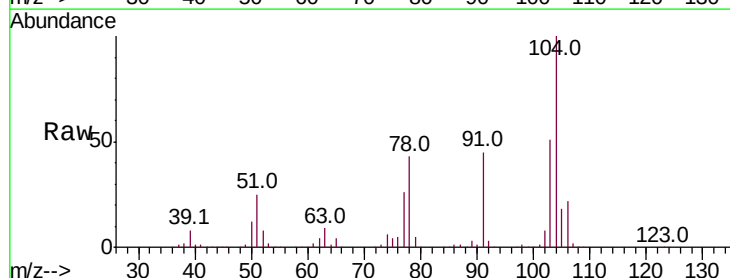
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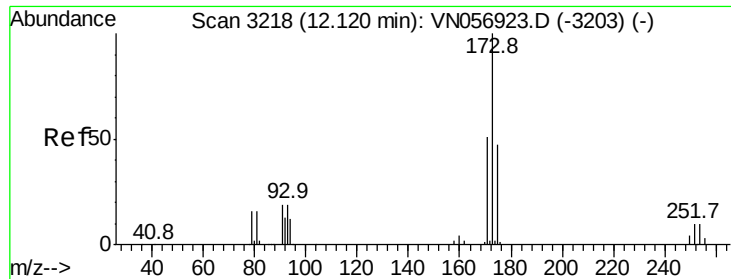
MMDadoda
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#70
Styrene
Concen: 52.662 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion:104 Resp: 702668
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 55.0 44.1 66.1





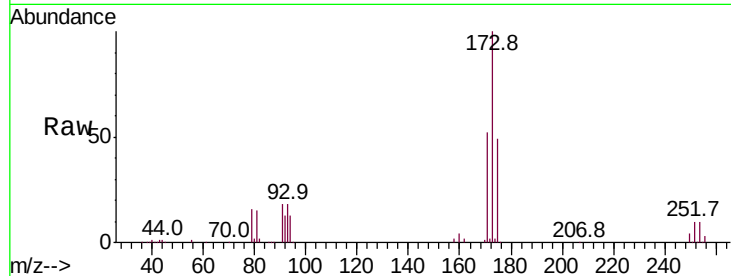
#71
Bromoform
Concen: 55.441 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

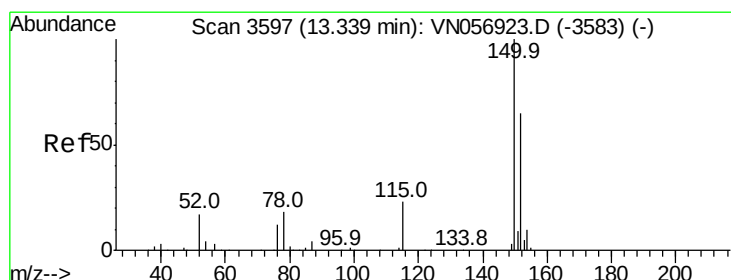
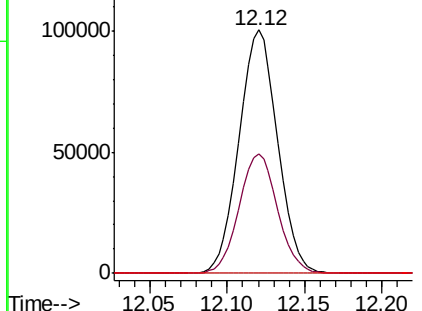
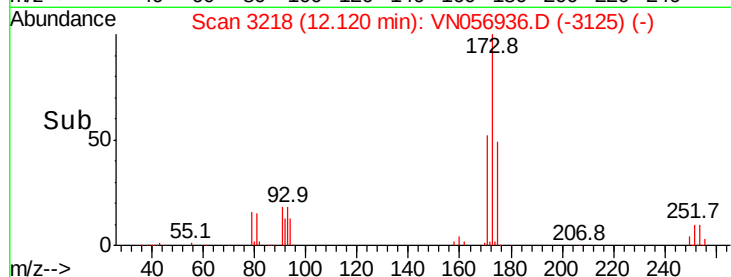
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.2	72.6
254	0.1	0.1	0.1#

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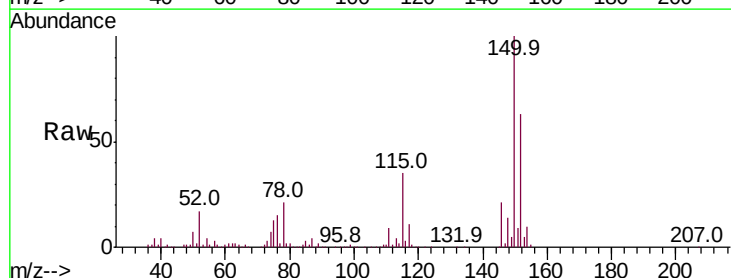


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

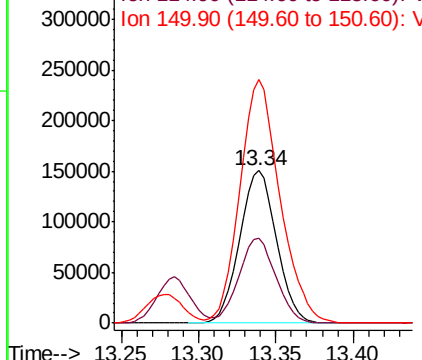
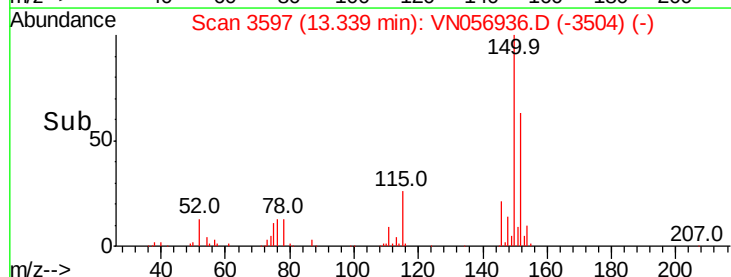


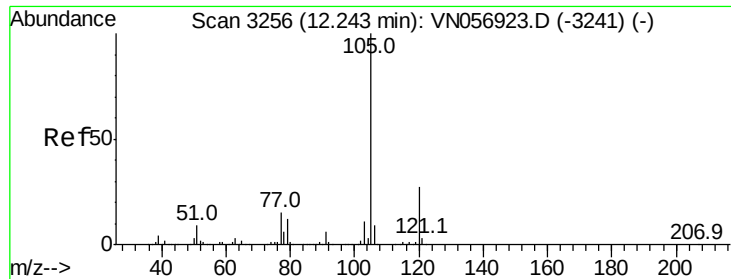
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.9	83.7
150	173.7	0.0	354.2



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: 57.370 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1121531

Ion Ratio Lower Upper

105 100

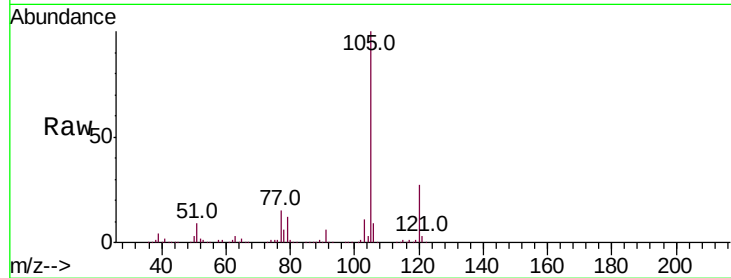
120 27.3 13.4 40.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

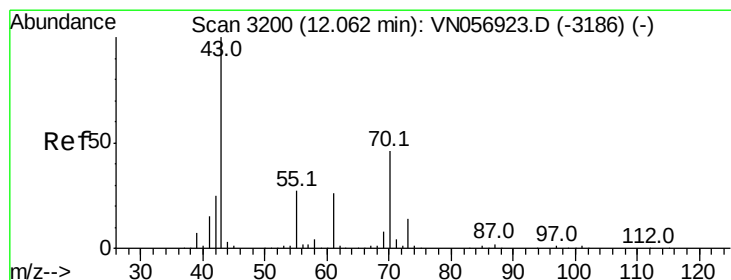
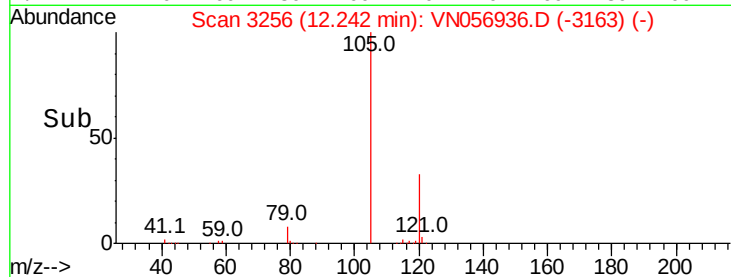
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 53.017 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Tgt Ion: 43 Resp: 352794

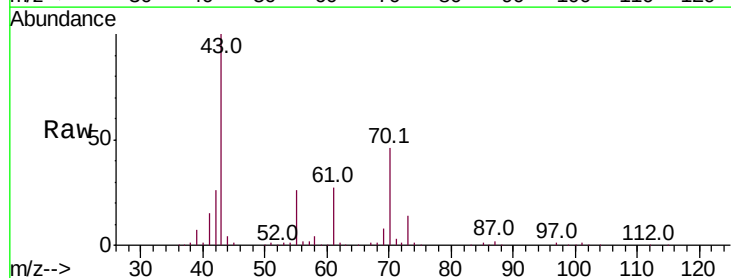
Ion Ratio Lower Upper

43 100

70 45.7 35.9 53.9

55 26.1 21.4 32.2

61 26.0 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

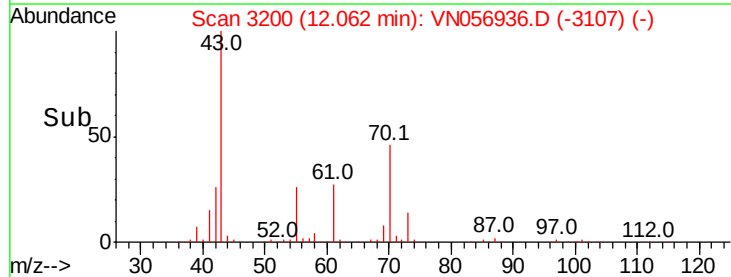
300000

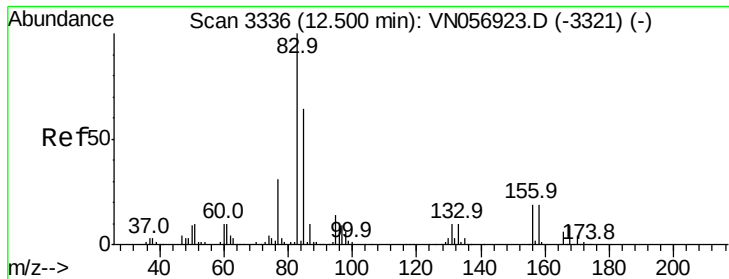
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.700 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

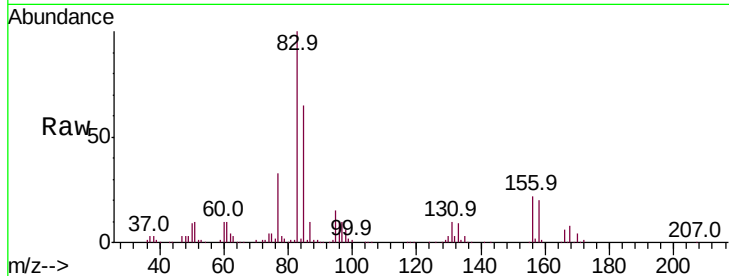
ClientSampleId :

VSTDCCC050EC

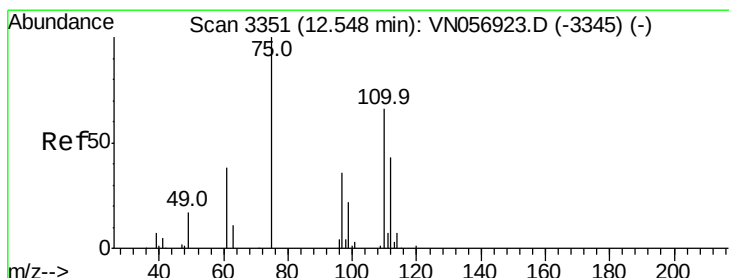
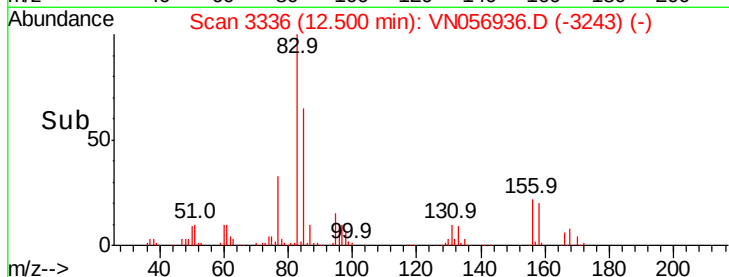
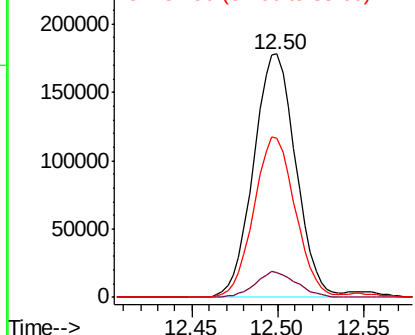
Tot Ion:	83	Resp:	302814
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	64.9	32.3	96.9

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



#76

1,2,3-Trichloropropane

Concen: 58.288 ug/l m

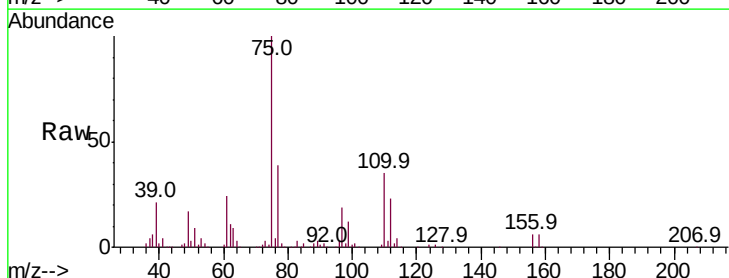
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

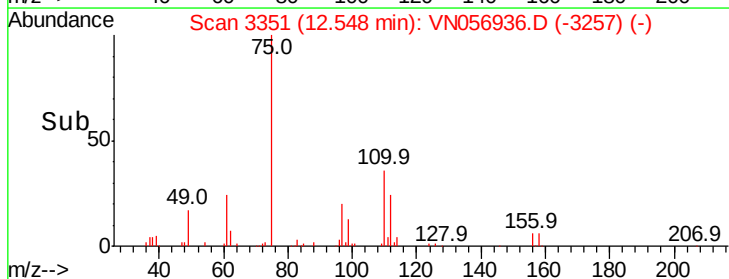
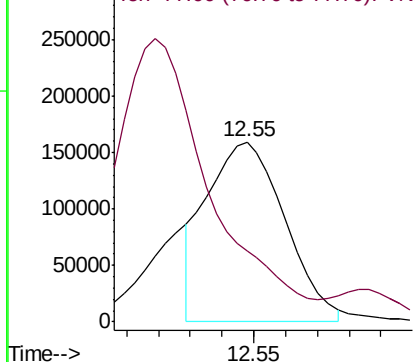
Lab File: VN056936.D

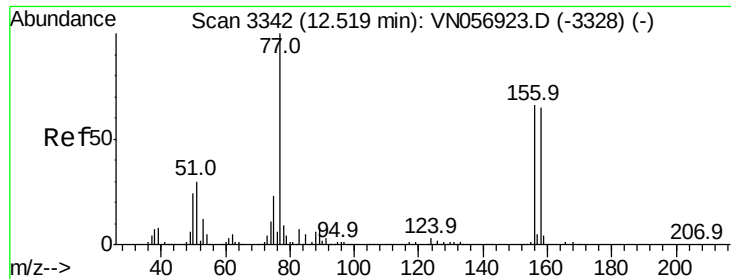
Acq: 25 Jul 2019 22:24

Tgt Ion:	75	Resp:	275440
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



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





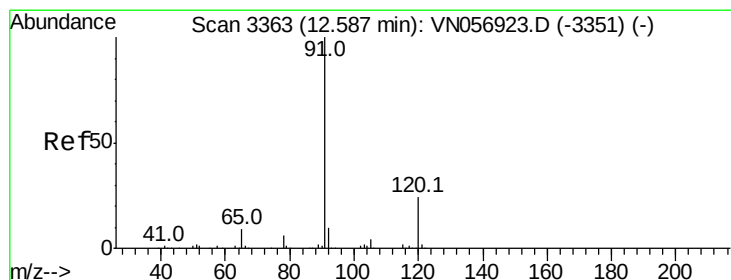
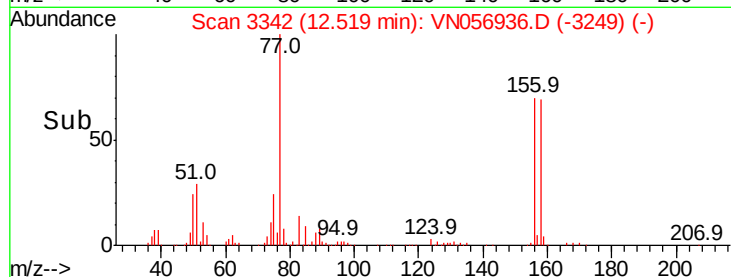
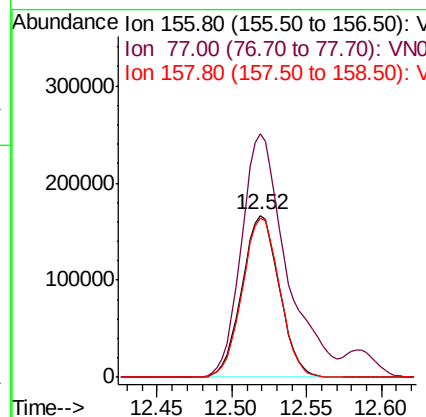
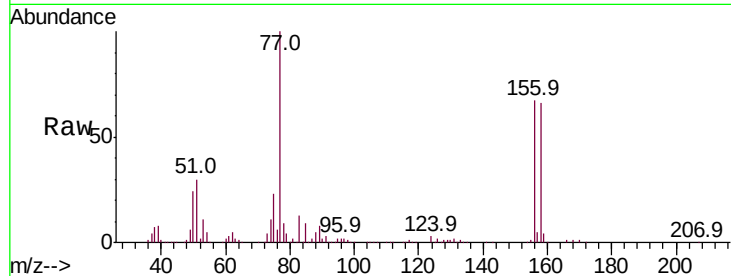
#77
Bromobenzene
Concen: 50.117 ug/l
RT: 12.52 min Scan# 3342
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.8	90.8	272.3
158	98.3	49.5	148.5

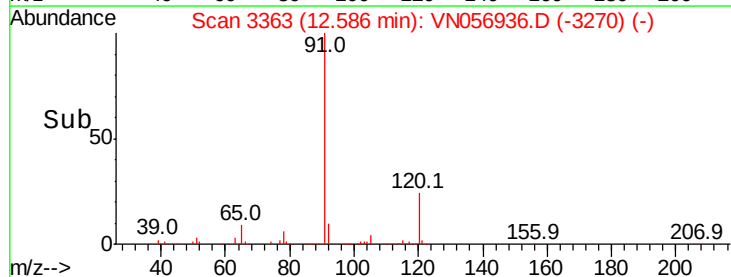
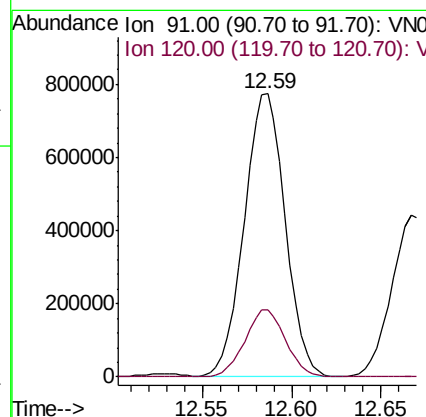
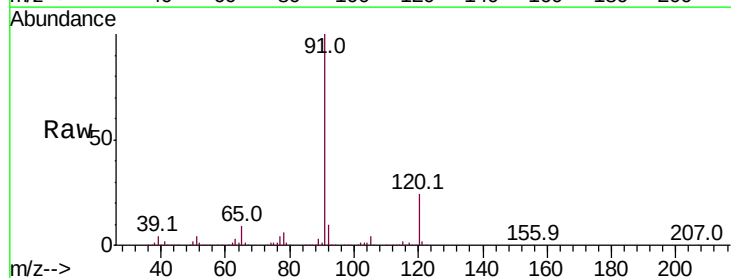
Manual Integrations
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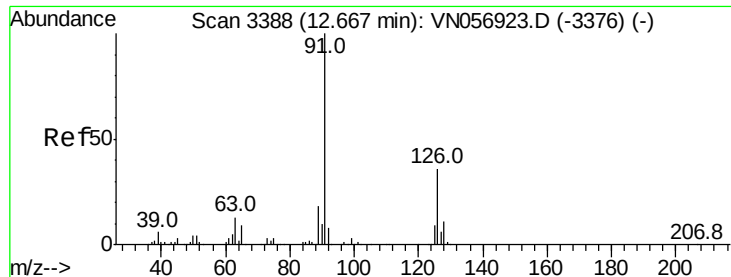
MMDadoda
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#78
n-propylbenzene
Concen: 51.546 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.7





#79

2-Chlorotoluene

Concen: 56.735 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 736115

Ion Ratio Lower Upper

91 100

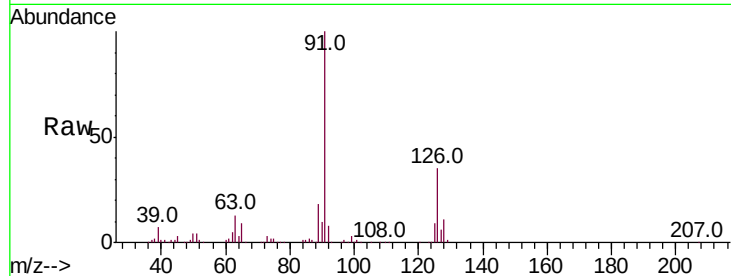
126 35.8 17.9 53.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN056923.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN056923.D (-3376) (-)

600000

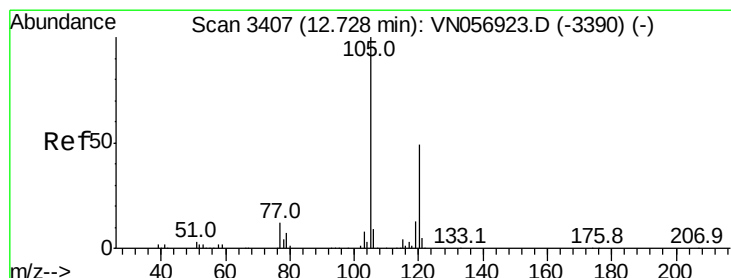
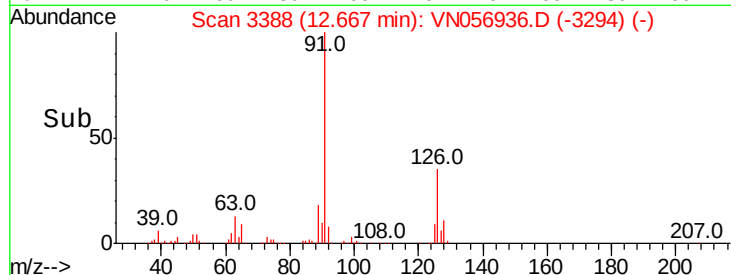
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.431 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN056936.D

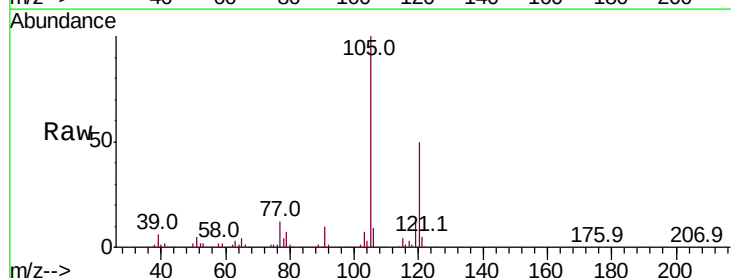
Acq: 25 Jul 2019 22:24

Tgt Ion: 105 Resp: 944003

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN056923.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN056923.D (-3390) (-)

600000

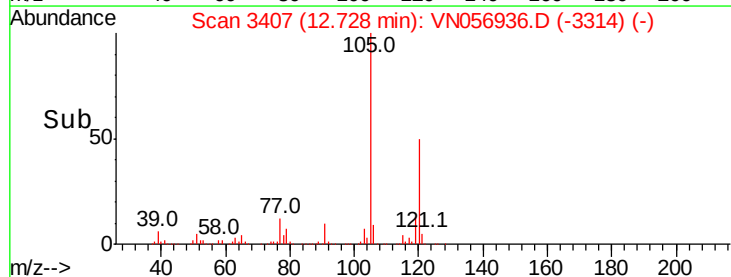
400000

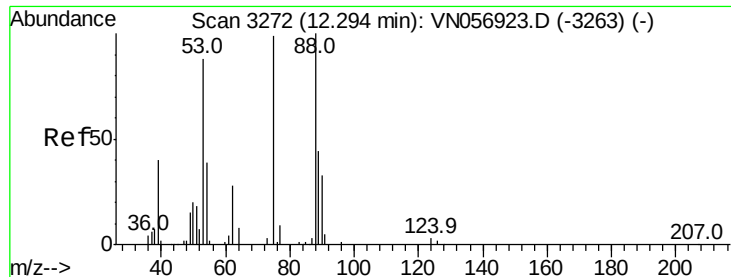
200000

0

12.70 12.80

Time-->





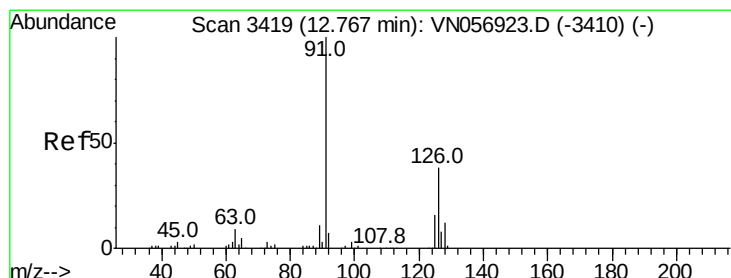
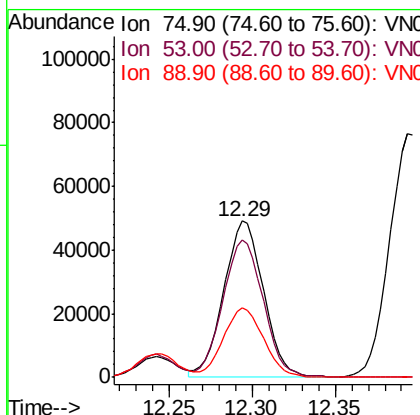
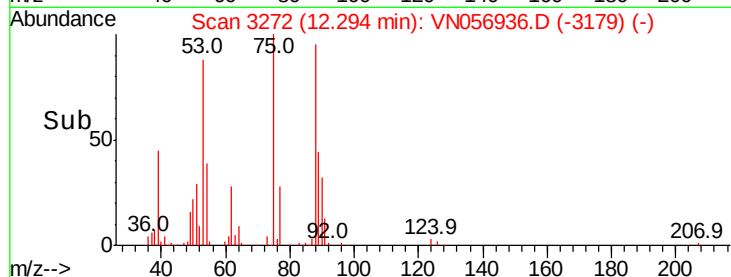
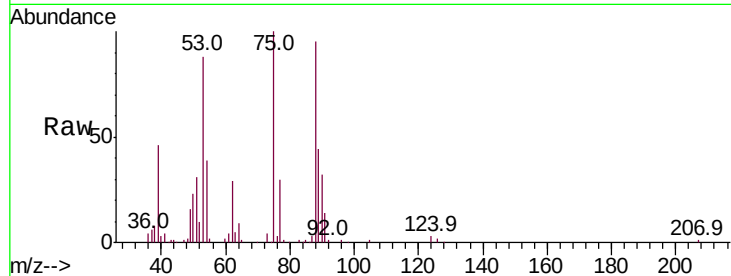
#81
trans-1,4-Dichloro-2-butene
Concen: 51.889 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.4	72.3	108.5
89	45.2	36.2	54.2

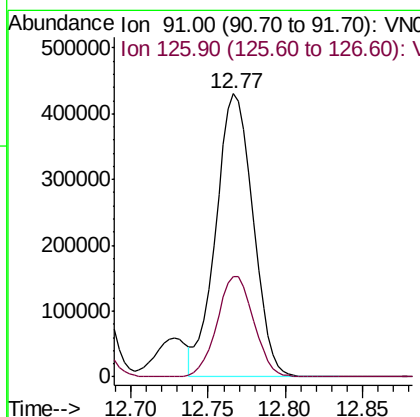
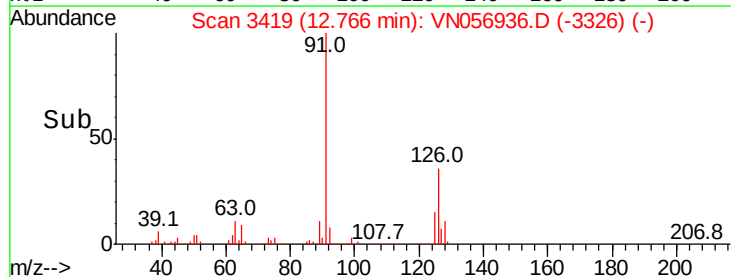
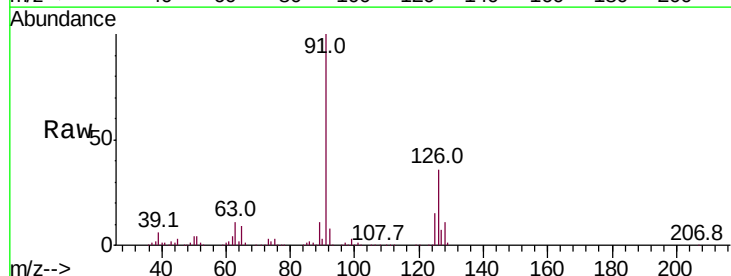
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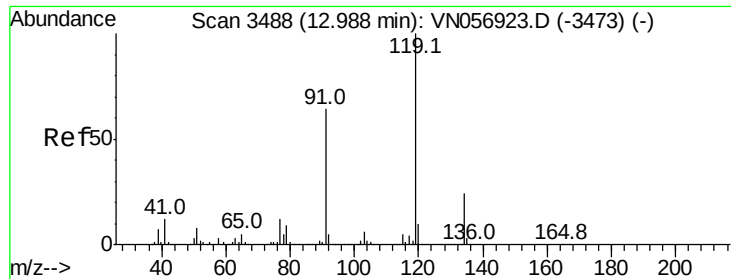
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.450 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.3	51.7





#83

tert-Butylbenzene

Concen: 57.469 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

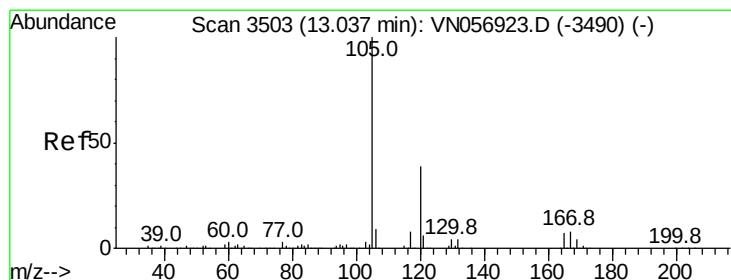
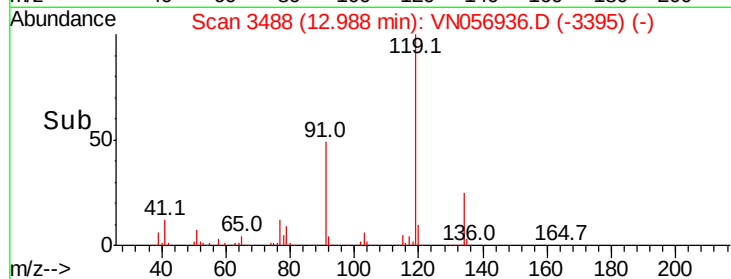
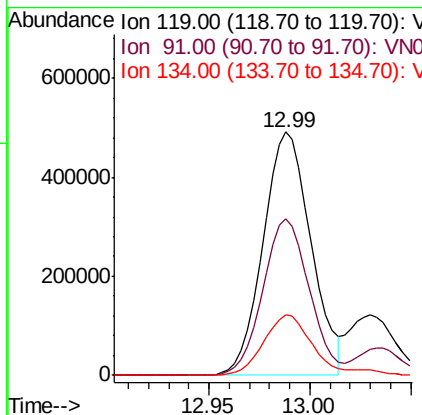
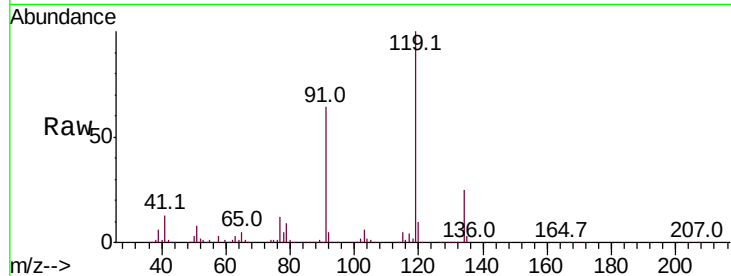
ClientSampleId :

VSTDCCC050EC

Tot Ion:119	Resp:	810354
Ion Ratio	Lower	Upper
119 100		
91 62.7	31.6	95.0
134 26.3	13.2	39.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.597 ug/l

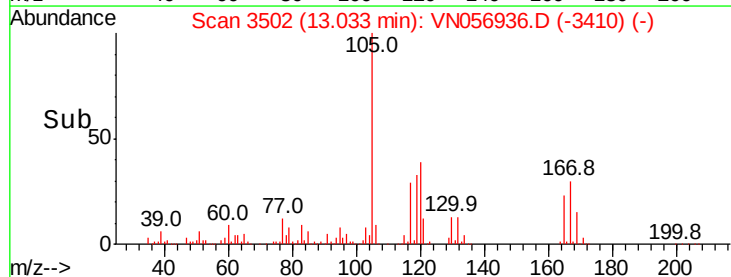
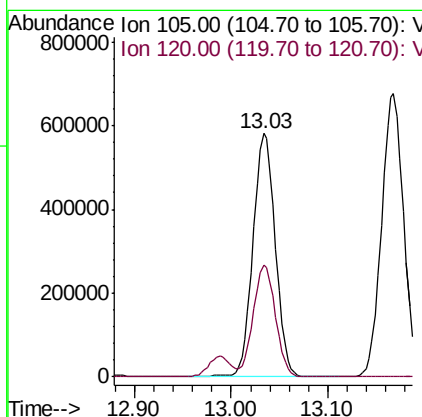
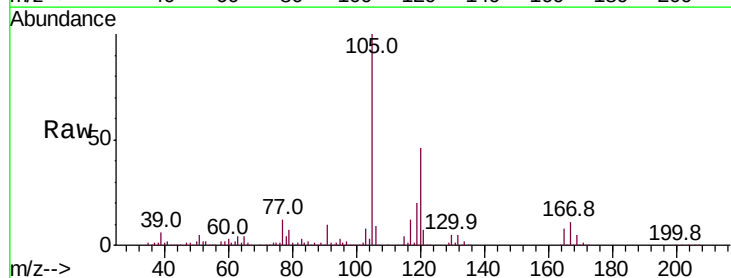
RT: 13.03 min Scan# 3502

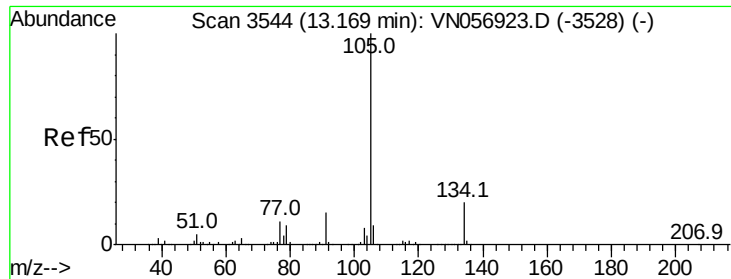
Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Tgt Ion:105	Resp:	932321
Ion Ratio	Lower	Upper
105 100		
120 45.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 51.002 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1063666

Ion Ratio Lower Upper

105 100

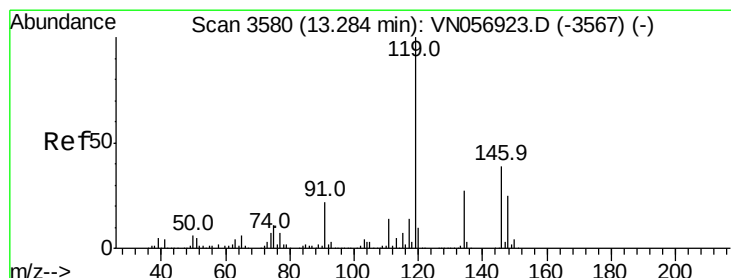
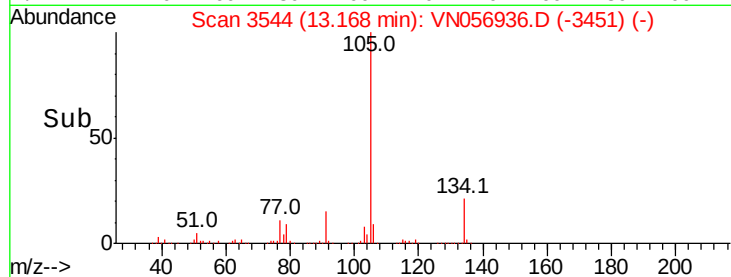
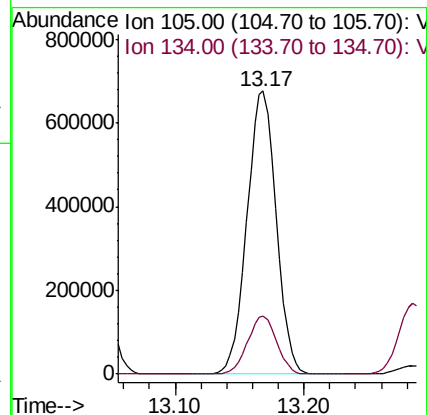
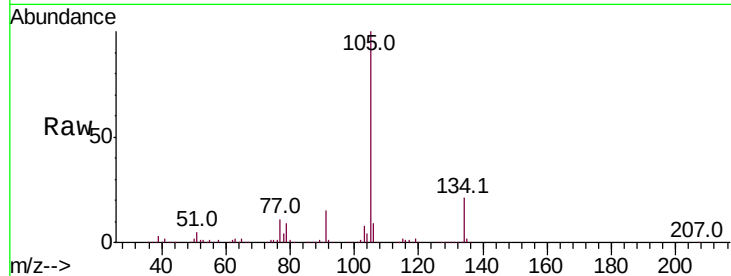
134 20.6 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.962 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

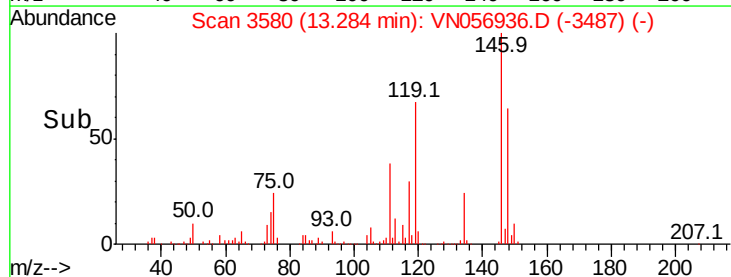
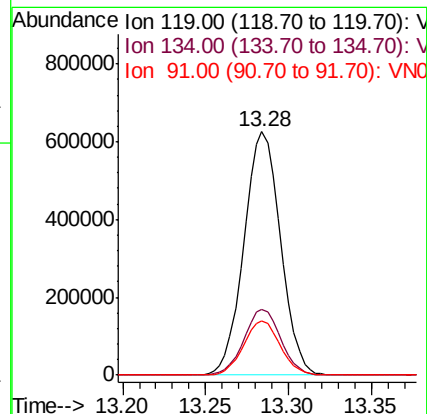
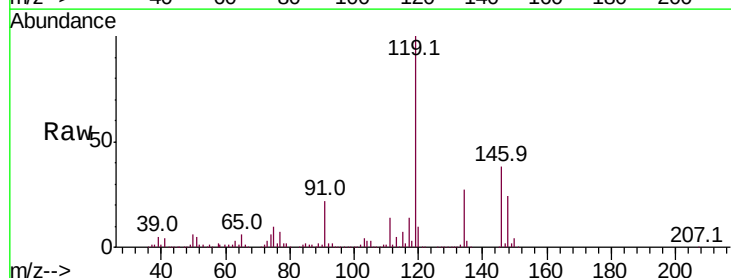
Tgt Ion:119 Resp: 957598

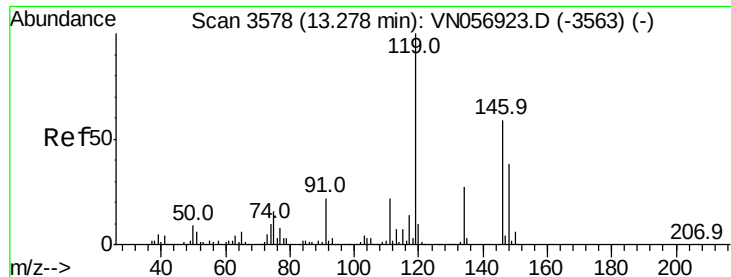
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.3 11.0 33.0





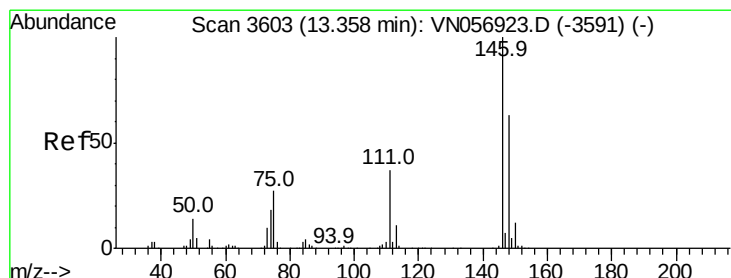
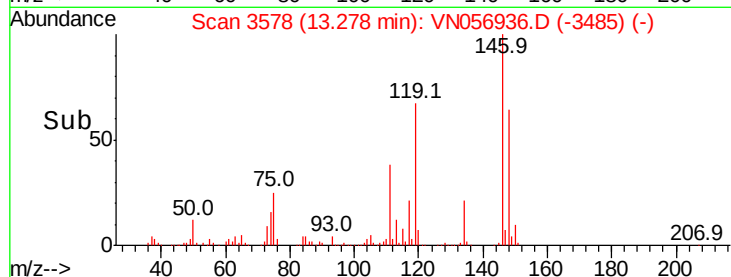
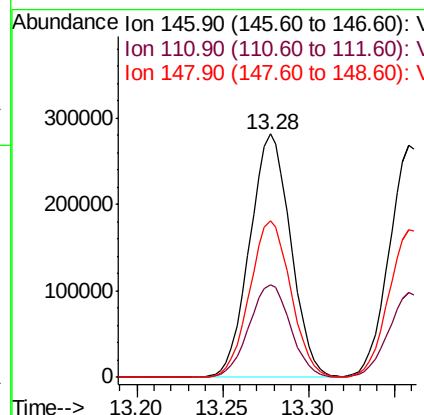
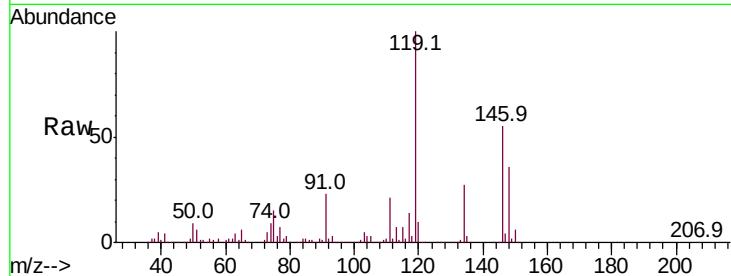
#87
 1,3-Dichlorobenzene
 Concen: 53.722 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.6	56.0
148	64.4	31.6	94.7

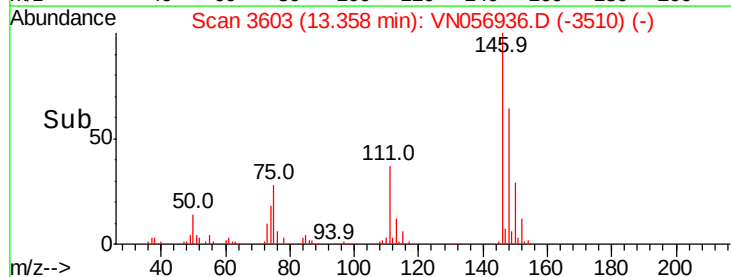
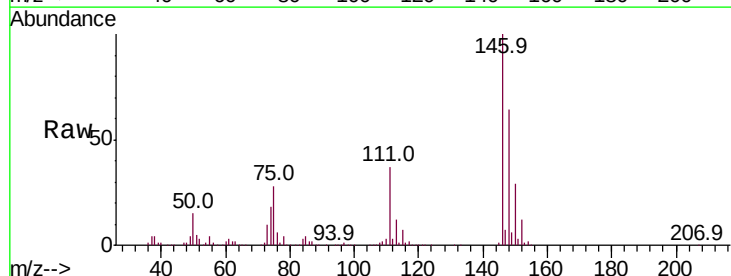
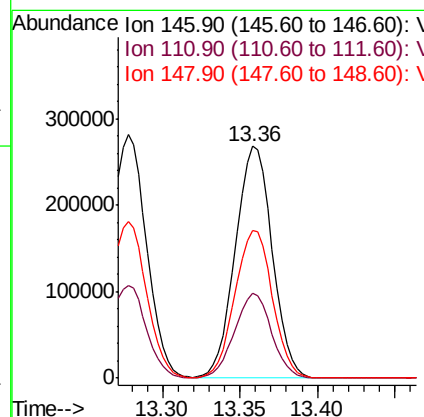
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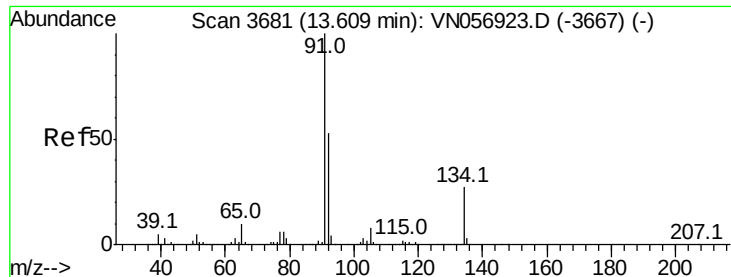
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#88
 1,4-Dichlorobenzene
 Concen: 53.636 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.9	56.5
148	64.7	32.1	96.3





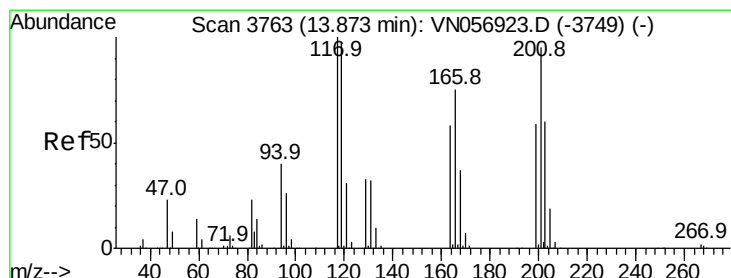
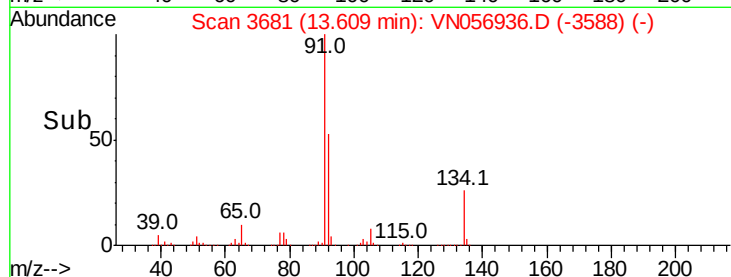
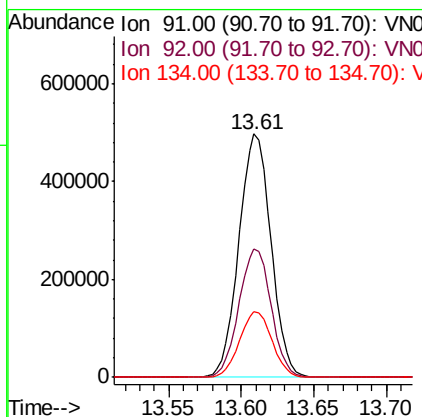
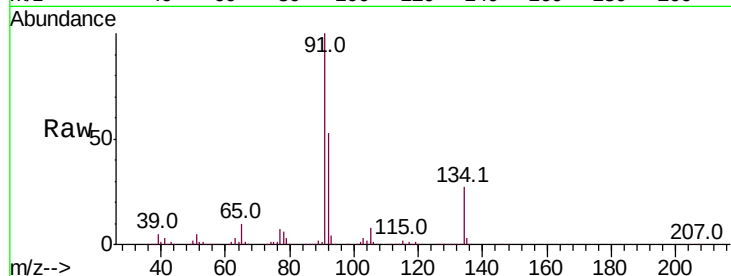
#89
n-Butylbenzene
Concen: 53.741 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.5
134	27.4	13.5	40.5

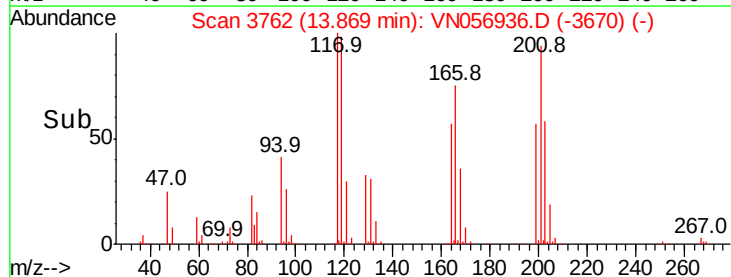
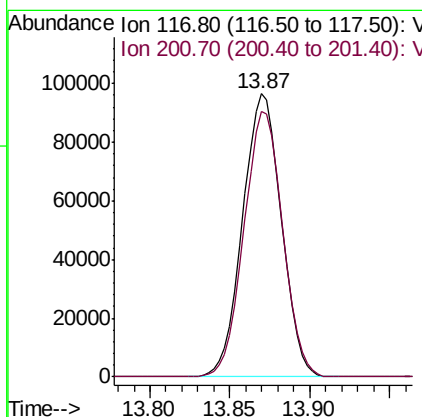
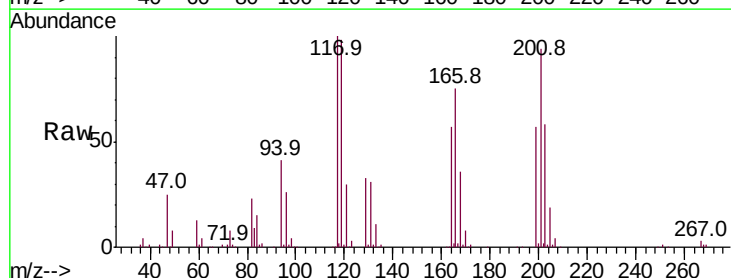
Manual Integrations
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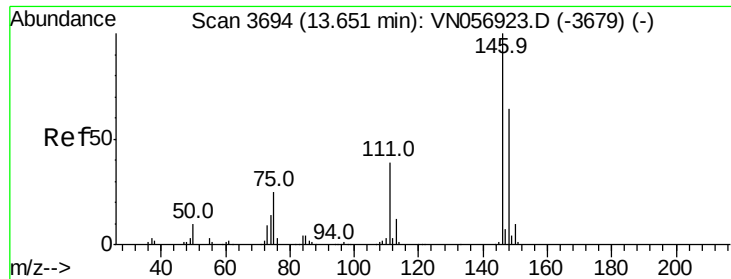
MMDadoda
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#90
Hexachloroethane
Concen: 55.093 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.9	47.3	142.0





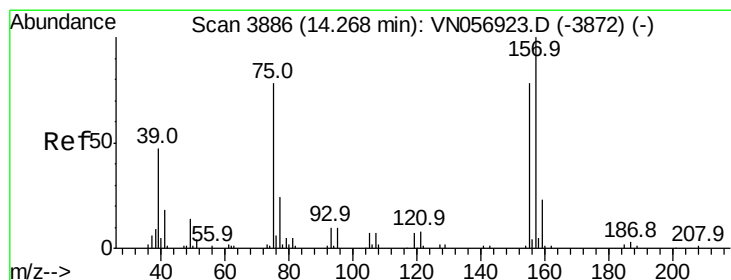
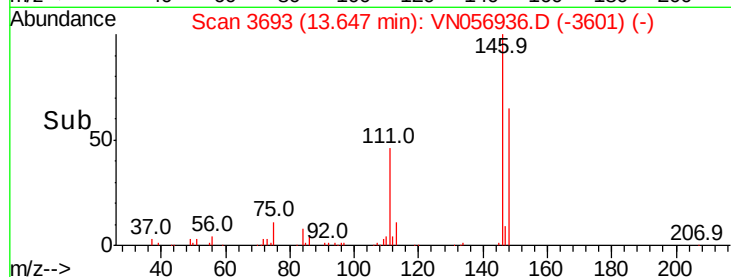
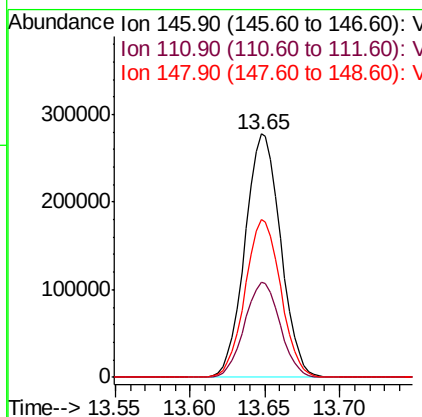
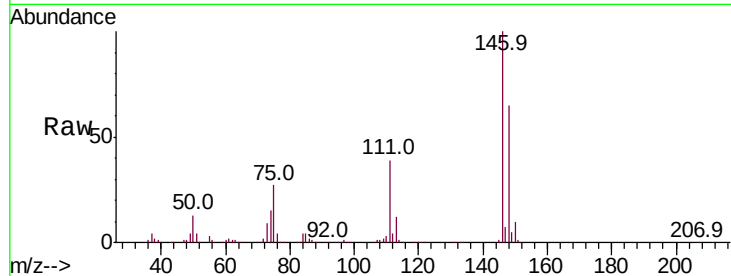
#91
 1,2-Dichlorobenzene
 Concen: 52.559 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.8
148	64.8	32.2	96.6

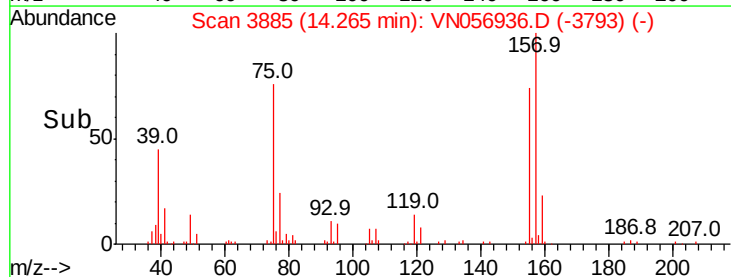
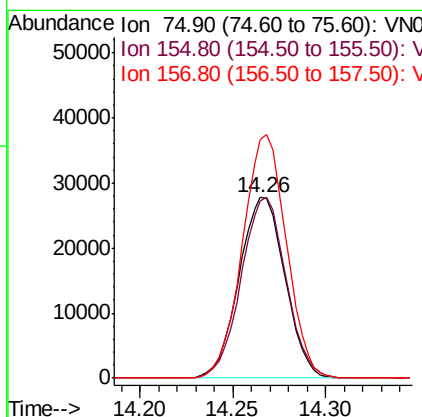
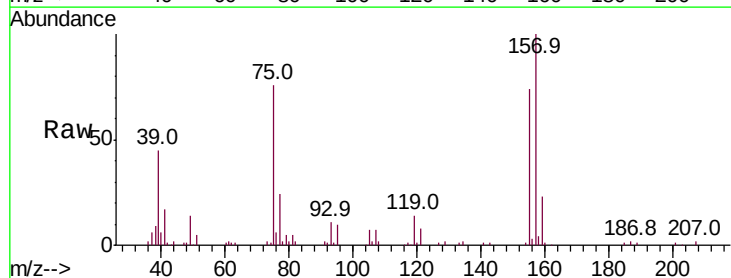
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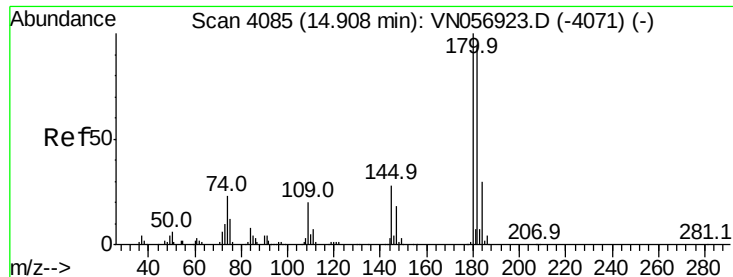
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.439 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	47.3	141.9
157	128.9	63.0	189.0





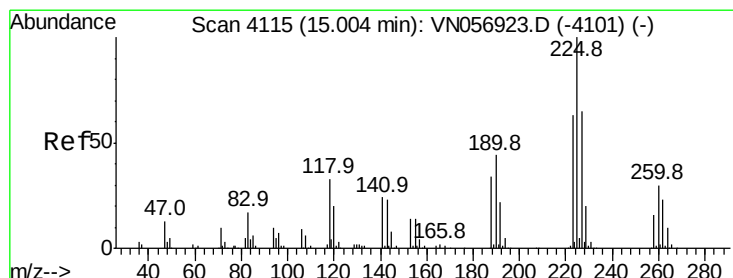
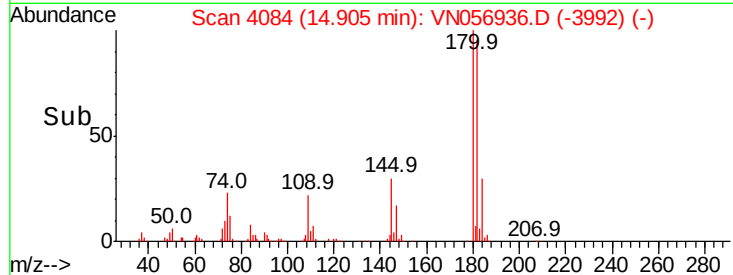
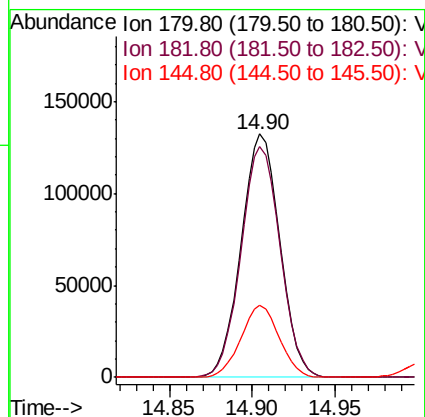
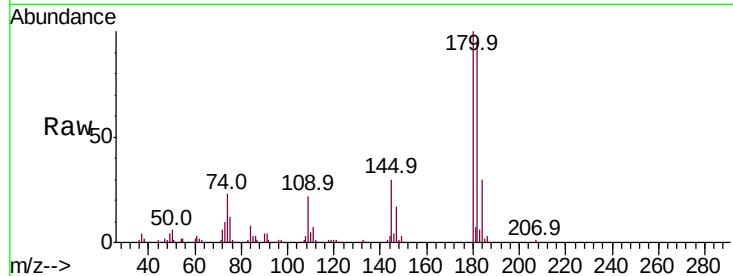
#93
1,2,4-Trichlorobenzene
Concen: 47.349 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	215441		
182	95.8	47.9	143.8	
145	29.2	14.1	42.4	

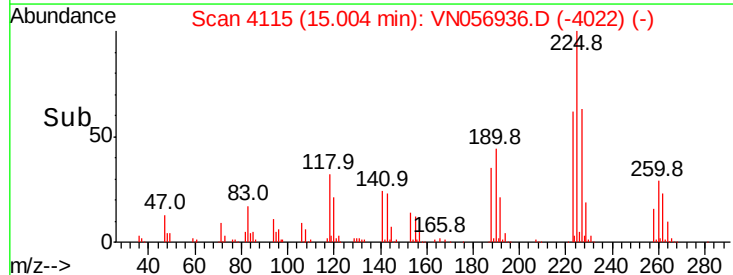
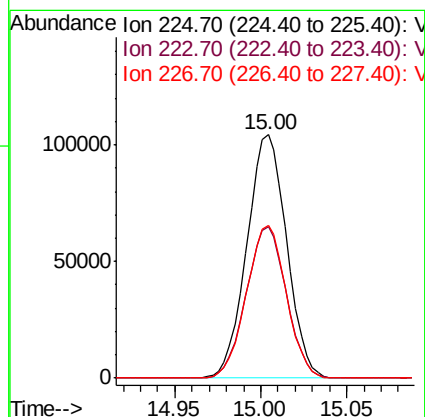
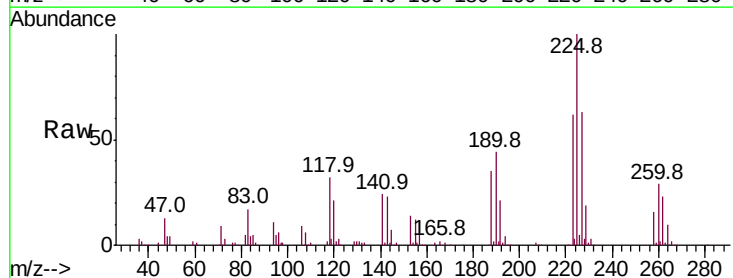
Manual Integrations
APPROVED

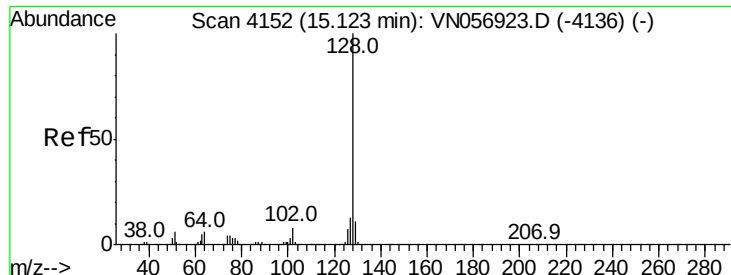
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#94
Hexachlorobutadiene
Concen: 56.466 ug/l
RT: 15.00 min Scan# 4115
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166784		
223	62.9	31.3	93.9	
227	62.8	31.9	95.7	





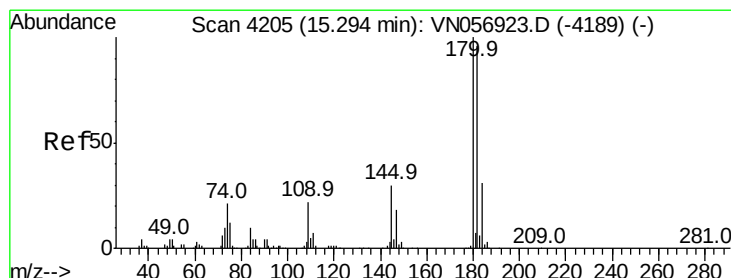
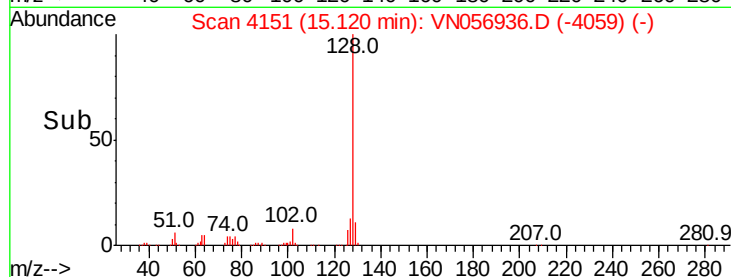
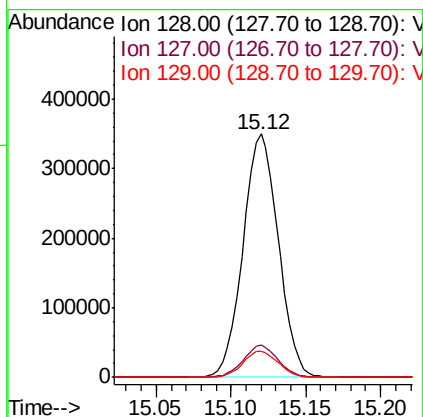
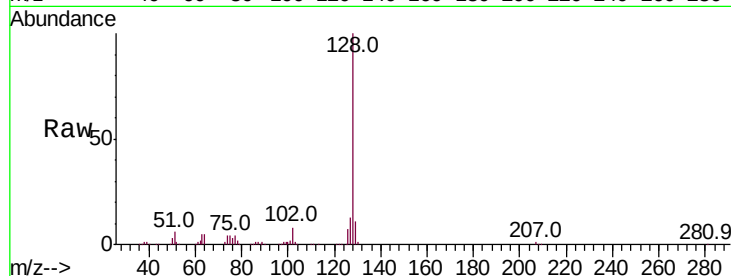
#95
Naphthalene
Concen: 48.940 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.294 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.4	145.3
145	29.1	15.1	45.3

