

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055362.D
 Acq On : 2 May 2019 20:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 1:08:00 PM

Quant Time: May 03 05:22:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	407777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	660858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	230990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	270299	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	7.59	113	215823	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	10.09	98	759484	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.40	95	261262	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	230038	46.043	ug/l	100
3) Chloromethane	2.06	50	258593	41.799	ug/l	99
4) Vinyl Chloride	2.19	62	232241	46.571	ug/l	98
5) Bromomethane	2.56	94	124354	47.077	ug/l	98
6) Chloroethane	2.71	64	126320	46.759	ug/l	99
7) Trichlorofluoromethane	3.02	101	326928	46.104	ug/l	100
8) Diethyl Ether	3.41	74	130657	52.665	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	194639	46.094	ug/l	99
10) Methyl Iodide	3.96	142	278495	46.864	ug/l	100
11) Tert butyl alcohol	4.78	59	97452	319.072	ug/l	100
12) 1,1-Dichloroethene	3.74	96	191417	47.520	ug/l	98
13) Acrolein	3.61	56	49817	208.855	ug/l	99
14) Allyl chloride	4.33	41	406369	48.710	ug/l	99
15) Acrylonitrile	4.99	53	481702	280.589	ug/l	99
16) Acetone	3.82	43	362461	218.060	ug/l	100
17) Carbon Disulfide	4.06	76	447908	42.608	ug/l	99
18) Methyl Acetate	4.33	43	247381	61.329	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	625157	55.206	ug/l	100
20) Methylene Chloride	4.55	84	228649	45.066	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	199079	46.665	ug/l	99
22) Diisopropyl ether	5.96	45	867639	52.343	ug/l	99
23) Vinyl Acetate	5.90	43	3070555	282.636	ug/l	99
24) 1,1-Dichloroethane	5.85	63	441302	49.966	ug/l	99
25) 2-Butanone	6.84	43	596073	280.407	ug/l	99
26) 2,2-Dichloropropane	6.83	77	265815	43.585	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	241927	49.868	ug/l	100
28) Bromochloromethane	7.20	49	220824	49.602	ug/l	98
29) Tetrahydrofuran	7.21	42	404201	296.950	ug/l	99
30) Chloroform	7.37	83	406093	48.504	ug/l	100
31) Cyclohexane	7.65	56	378533	45.111	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	333352	49.059	ug/l	99
36) 1,1-Dichloropropene	7.80	75	295089	46.618	ug/l	99
37) Ethyl Acetate	6.93	43	266546	54.942	ug/l	97
38) Carbon Tetrachloride	7.78	117	276029	45.205	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	310896	46.194	ug/l	98
40) Benzene	8.04	78	901459	48.309	ug/l	99
41) Methacrylonitrile	7.18	41	153867	58.474	ug/l	95
42) 1,2-Dichloroethane	8.13	62	318090	48.129	ug/l	99
43) Isopropyl Acetate	8.17	43	466807	59.874	ug/l	98
44) Trichloroethene	8.84	130	224102	47.109	ug/l	99
45) 1,2-Dichloropropane	9.12	63	263458	48.952	ug/l	100
46) Dibromomethane	9.21	93	142849	48.558	ug/l	98
47) Bromodichloromethane	9.40	83	309832	49.093	ug/l	98
48) Methyl methacrylate	9.20	41	212894	55.546	ug/l	97
49) 1,4-Dioxane	9.20	88	46793	1181.024	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1281288	291.895	ug/l	99
52) Toluene	10.16	92	521524	48.709	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	293690	53.606	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	351366	51.438	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	204671	51.478	ug/l	98
56) Ethyl methacrylate	10.43	69	281877	57.600	ug/l	99
57) 1,3-Dichloropropane	10.71	76	355883	51.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	378208	249.075	ug/l	100
59) 2-Hexanone	10.75	43	810339	295.046	ug/l	99
60) Dibromochloromethane	10.90	129	210022	51.685	ug/l	98
61) 1,2-Dibromoethane	11.01	107	194285	52.869	ug/l	99
64) Tetrachloroethene	10.63	164	218007	47.522	ug/l	98
65) Chlorobenzene	11.44	112	534088	48.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	206011	47.969	ug/l	100
67) Ethyl Benzene	11.51	91	975235	49.240	ug/l	98
68) m/p-Xylenes	11.62	106	710410	100.489	ug/l	99
69) o-Xylene	11.95	106	350042	49.955	ug/l	100
70) Styrene	11.96	104	584280	54.307	ug/l	100
71) Bromoform	12.13	173	133077	55.843	ug/l #	98
73) Isopropylbenzene	12.25	105	940552	51.253	ug/l	99
74) N-amyl acetate	12.07	43	351096	59.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	249309	54.777	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	210915m	49.077	ug/l	
77) Bromobenzene	12.53	156	224794	51.062	ug/l	98
78) n-propylbenzene	12.59	91	1038835	43.782	ug/l	100
79) 2-Chlorotoluene	12.67	91	636550	50.896	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	794607	43.879	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	59749	49.019	ug/l	95
82) 4-Chlorotoluene	12.77	91	620967	45.011	ug/l	99
83) tert-Butylbenzene	12.99	119	657614	51.386	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	784035	48.410	ug/l	100
85) sec-Butylbenzene	13.17	105	846915	43.029	ug/l	99
86) p-Isopropyltoluene	13.29	119	750239	46.376	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	370613	47.948	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	355933	48.898	ug/l	99
89) n-Butylbenzene	13.61	91	589966	51.322	ug/l	100
90) Hexachloroethane	13.87	117	119976	46.736	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	369488	48.230	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38530	63.403	ug/l	98

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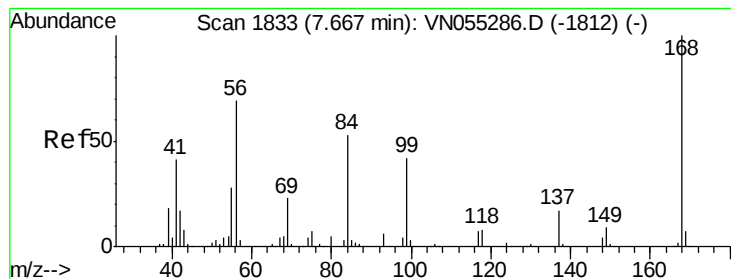
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	152761	50.541	ug/l	98
94) Hexachlorobutadiene	15.01	225	123233	53.663	ug/l	96
95) Naphthalene	15.13	128	322870	50.268	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	158206	53.024	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055362.D

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ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 407777

Ion Ratio Lower Upper

168 100

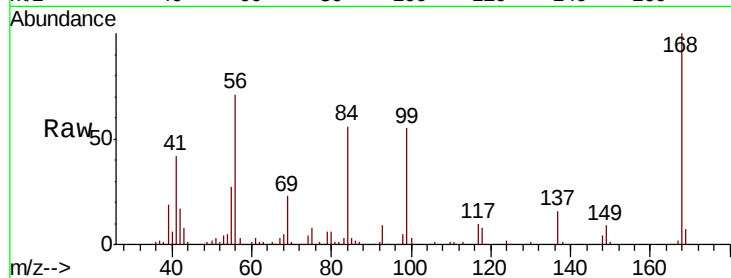
99 54.6 43.6 65.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

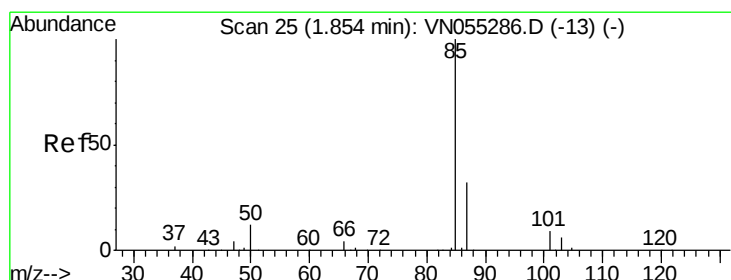
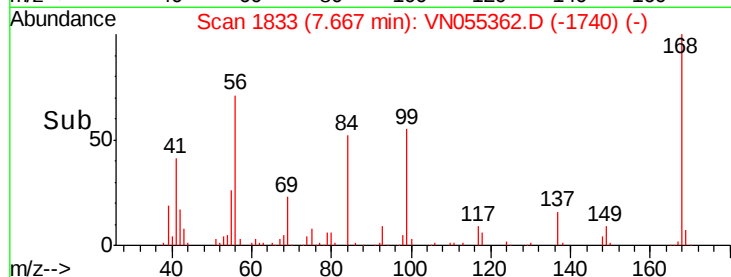
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.043 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055362.D

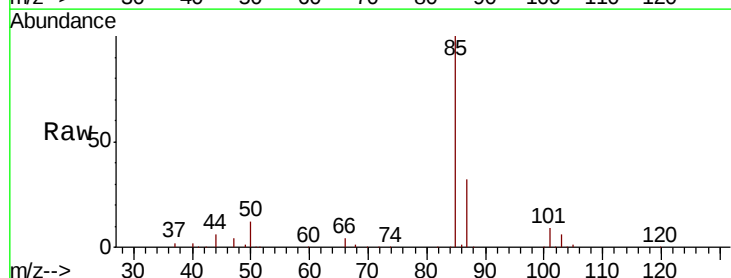
Acq: 2 May 2019 20:56

Tgt Ion: 85 Resp: 230038

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

150000

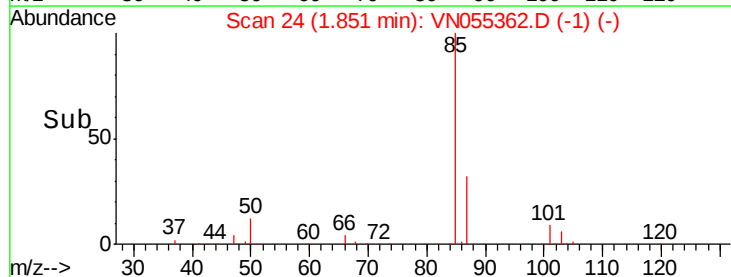
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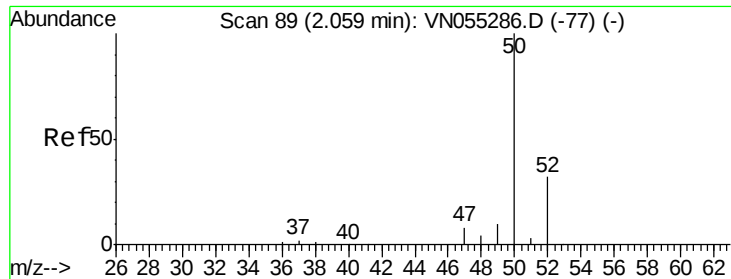
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 41.799 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 258593

Ion Ratio Lower Upper

50 100

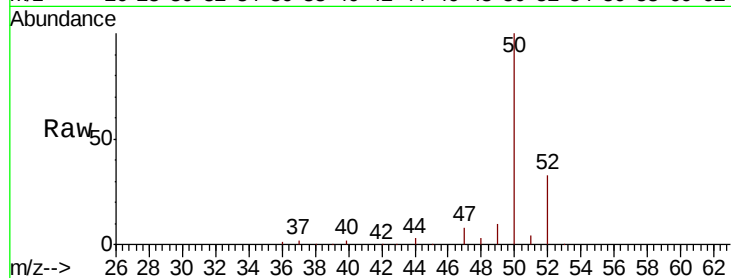
52 32.6 25.7 38.5

Manual Integrations

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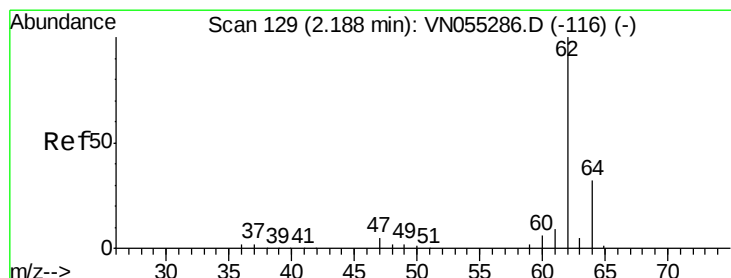
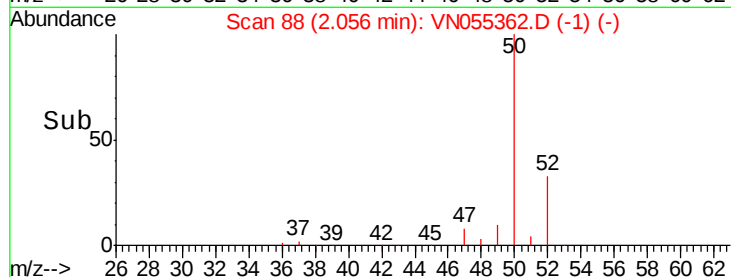
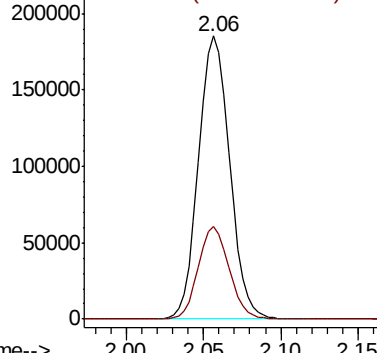
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.571 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055362.D

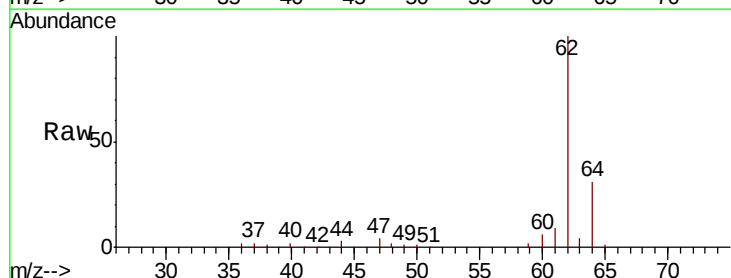
Acq: 2 May 2019 20:56

Tgt Ion: 62 Resp: 232241

Ion Ratio Lower Upper

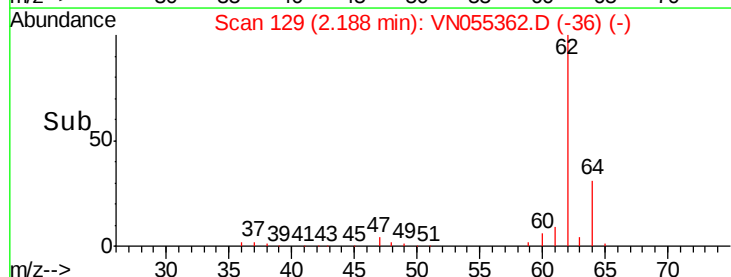
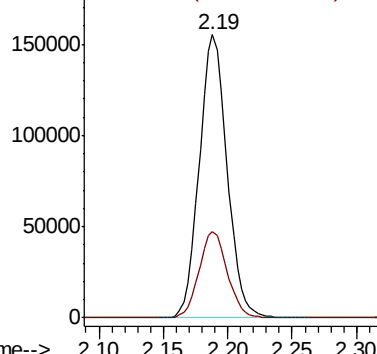
62 100

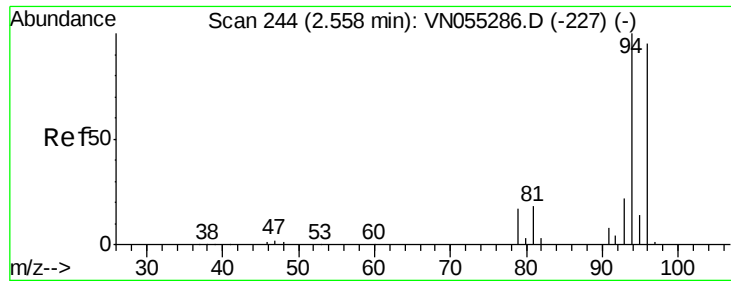
64 30.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 47.077 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.01 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 124354

Ion Ratio Lower Upper

94 100

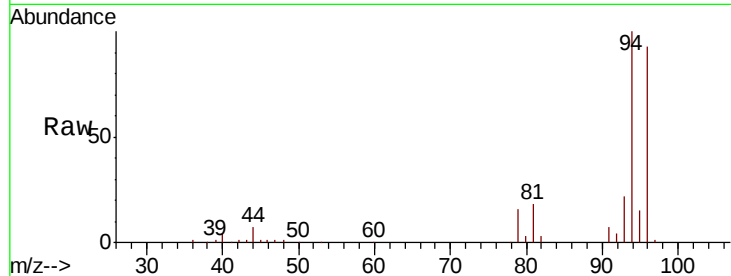
96 92.8 76.0 114.0

Manual Integrations

APPROVED

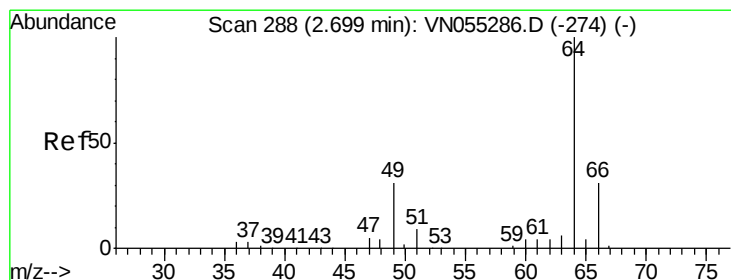
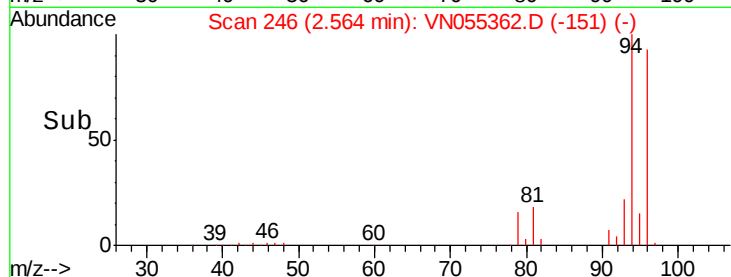
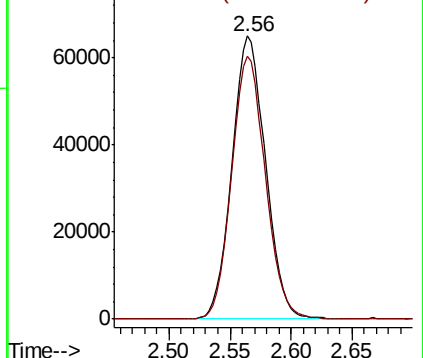
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.759 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN055362.D

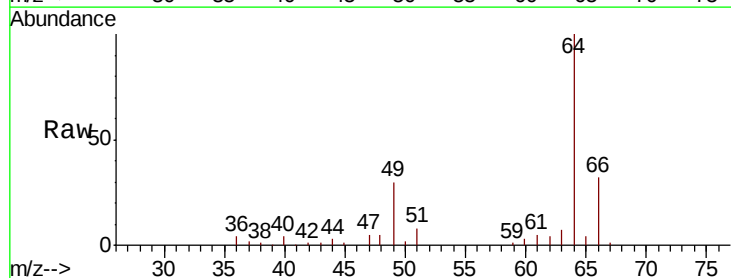
Acq: 2 May 2019 20:56

Tgt Ion: 64 Resp: 126320

Ion Ratio Lower Upper

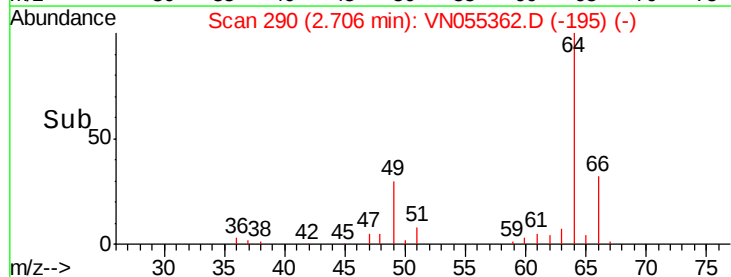
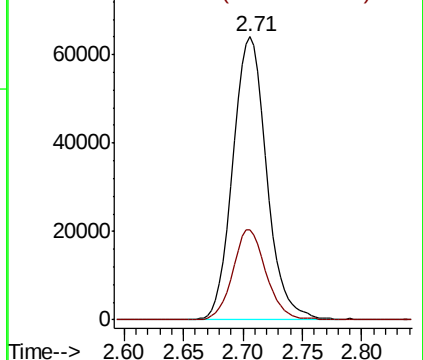
64 100

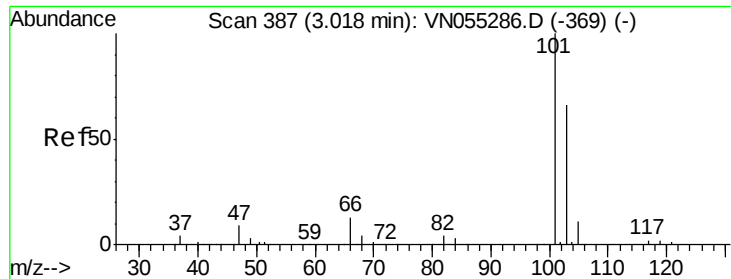
66 32.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

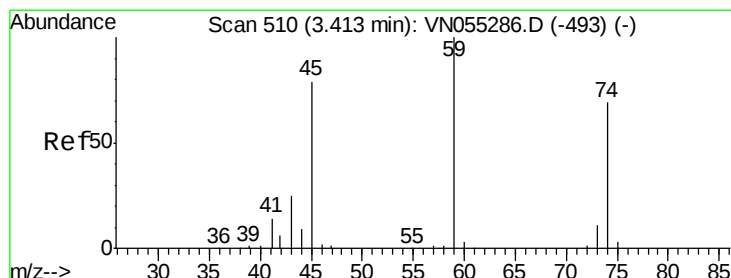
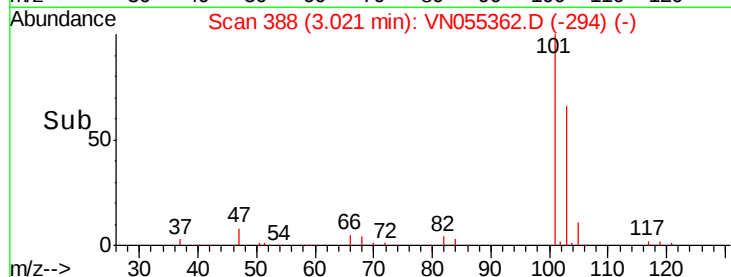
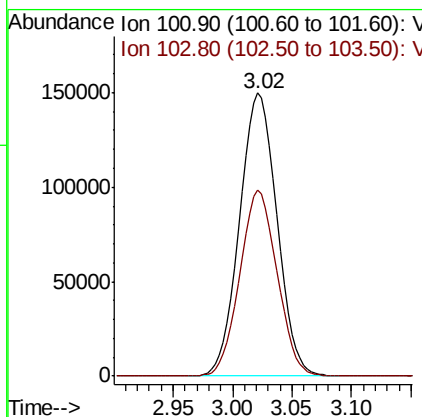
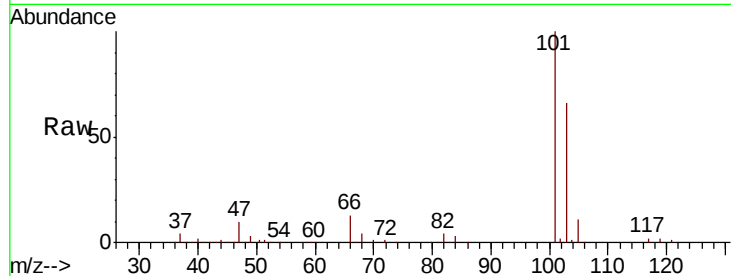
Trichlorofluoromethane
 Concen: 46.104 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

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 VSTDCCC050

Tgt Ion: 101 Resp: 326928
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.6 79.0

Manual Integrations
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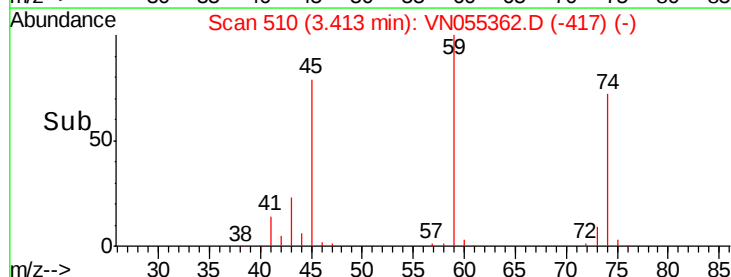
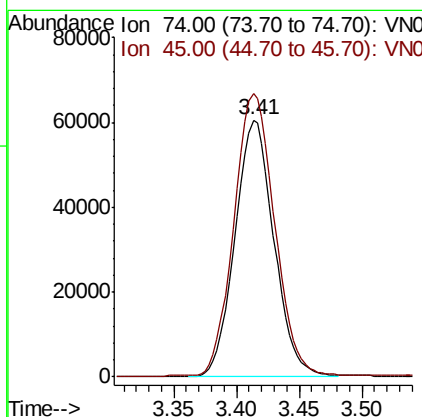
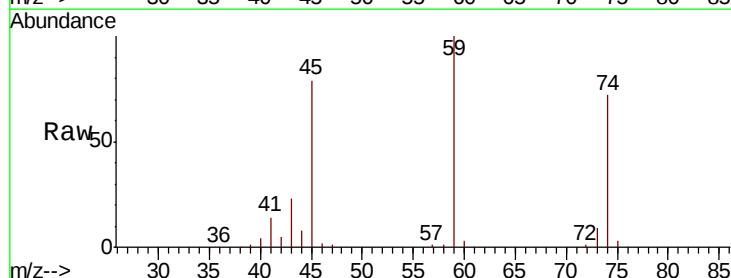
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 5/3/2019 1:08:00 PM

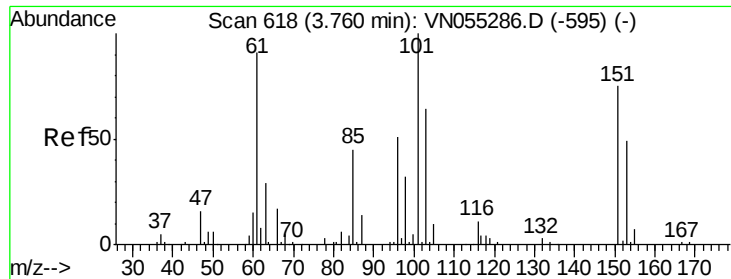


#8

Diethyl Ether
 Concen: 52.665 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion: 74 Resp: 130657
 Ion Ratio Lower Upper
 74 100
 45 114.3 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.094 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

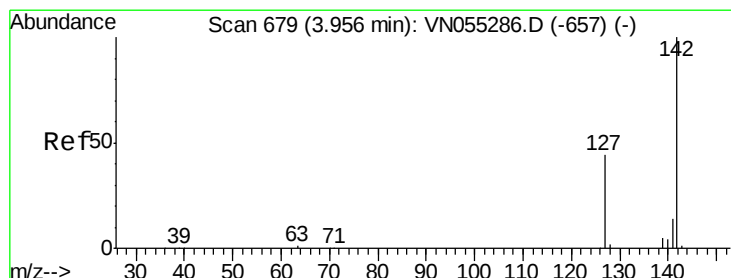
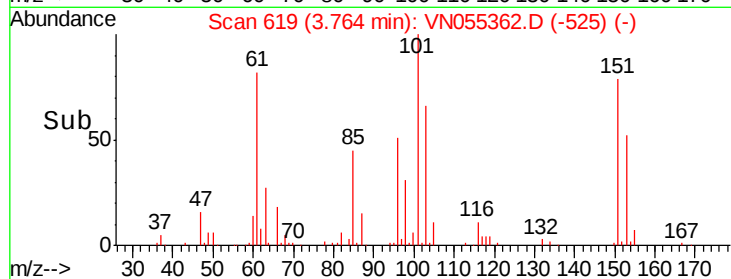
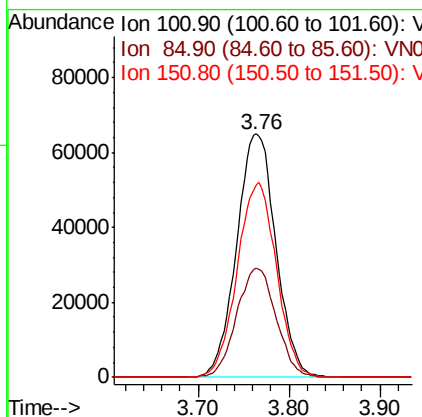
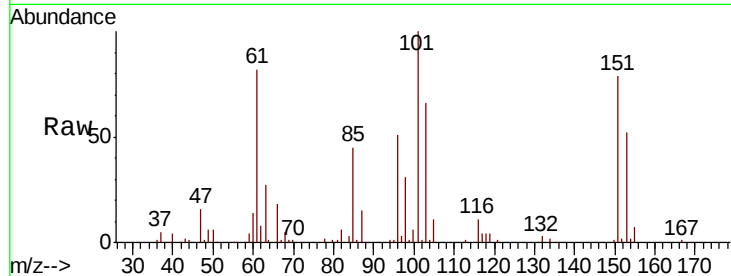
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	194639
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.7	53.5
151	79.9	63.3	94.9

Manual Integrations
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#10

Methyl Iodide

Concen: 46.864 ug/l

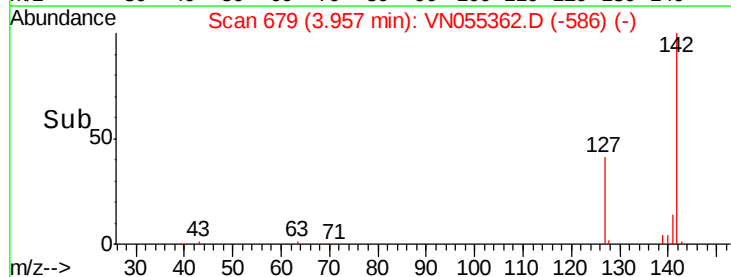
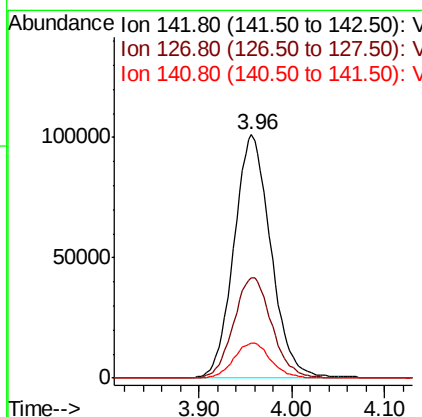
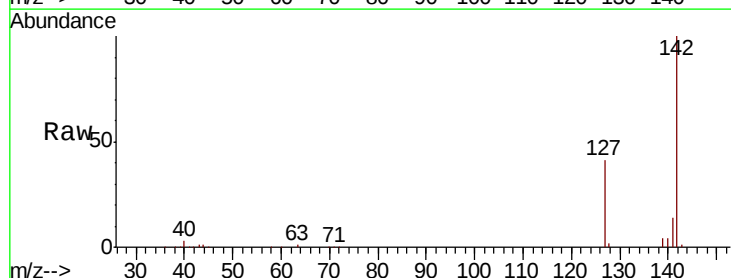
RT: 3.96 min Scan# 679

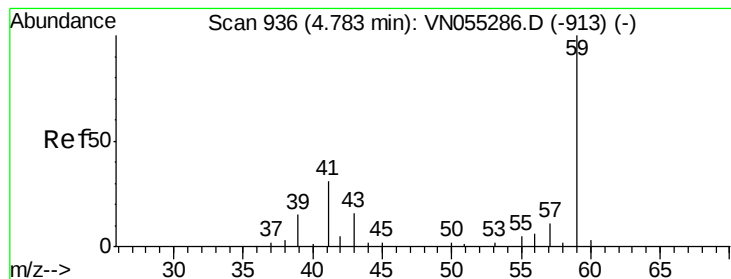
Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Tgt Ion:	142	Resp:	278495
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.4	51.6
141	14.6	11.5	17.3





#11

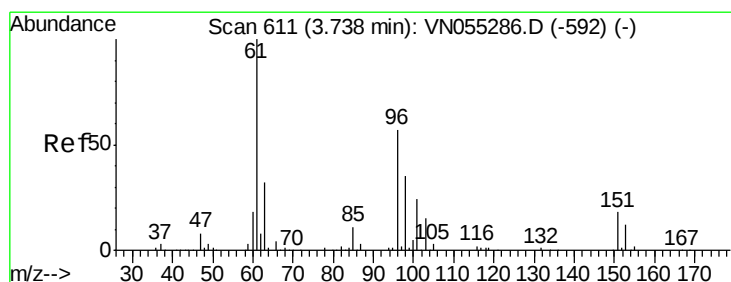
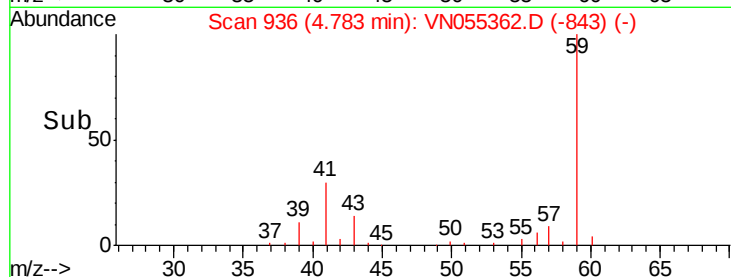
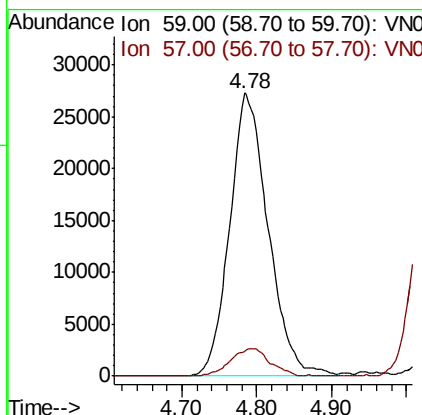
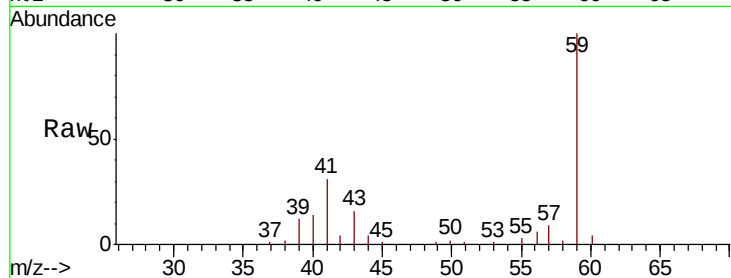
Tert butyl alcohol
 Concen: 319.072 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

Manual Integrations
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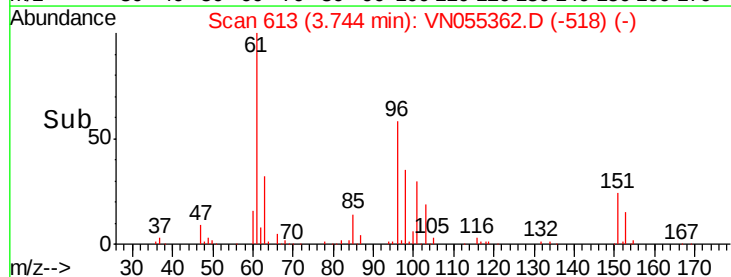
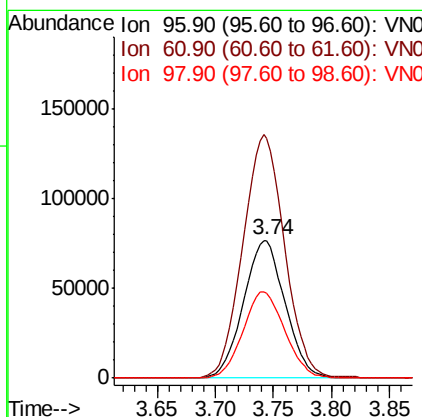
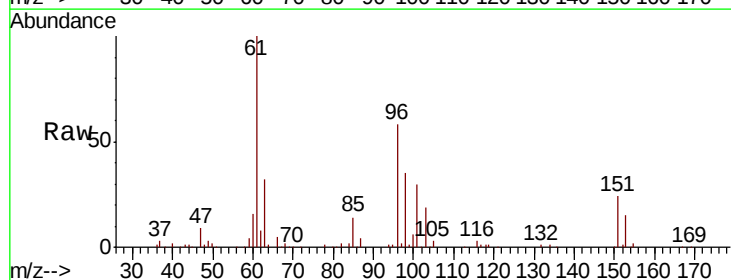
MMDadoda
 5/3/2019 1:08:00 PM

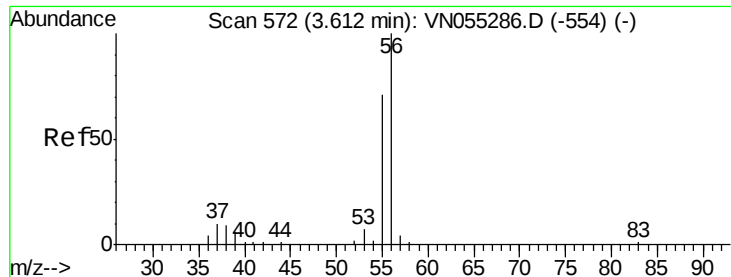


#12

1,1-Dichloroethene
 Concen: 47.520 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.8	140.9	211.3
98	61.1	50.0	75.0





#13

Acrolein

Concen: 208.855 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 49817

Ion Ratio Lower Upper

56 100

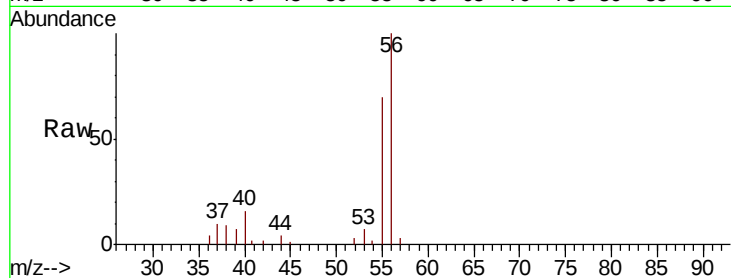
55 70.8 57.4 86.2

Manual Integrations

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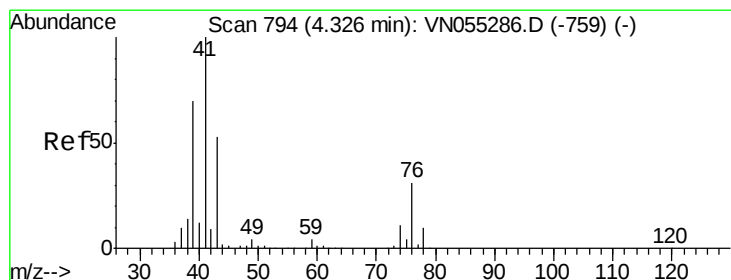
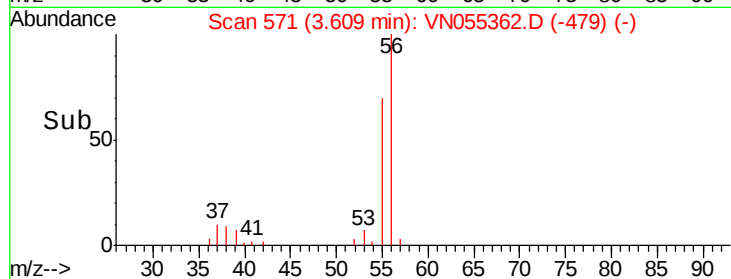
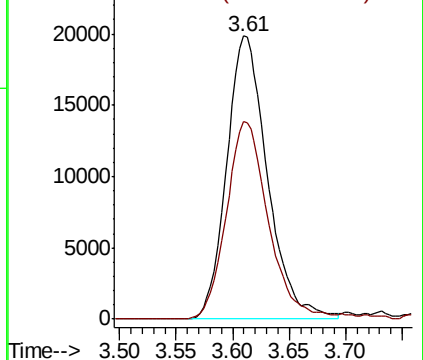
MMDadoda

5/3/2019 1:08:00 PM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.710 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

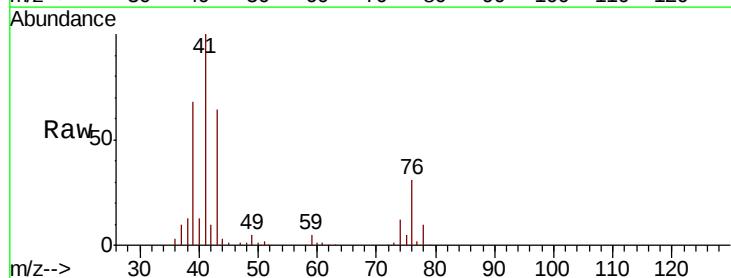
Tgt Ion: 41 Resp: 406369

Ion Ratio Lower Upper

41 100

39 65.6 53.0 79.6

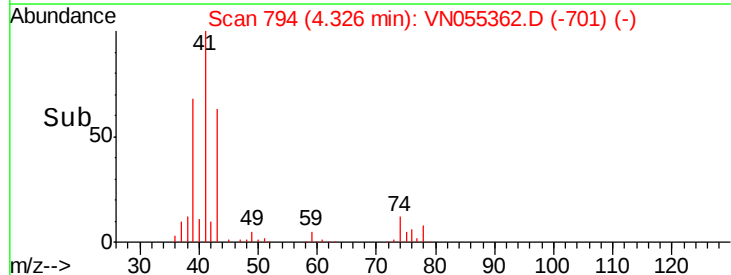
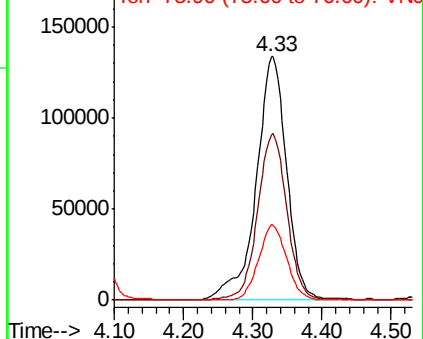
76 28.2 22.7 34.1

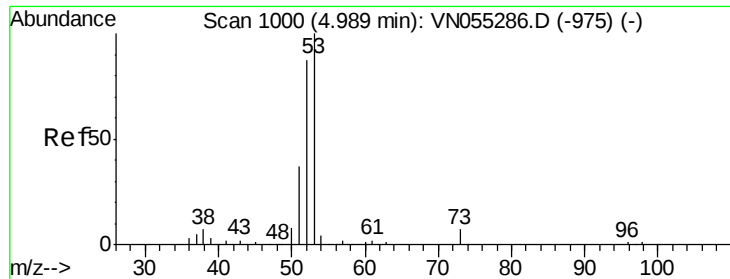


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 280.589 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 481702

Ion Ratio Lower Upper

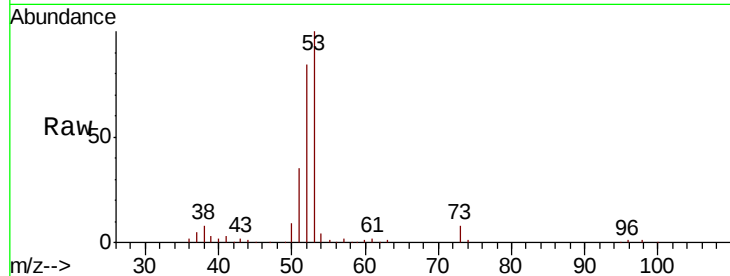
53 100

52 83.8 66.5 99.7

51 36.1 29.6 44.4

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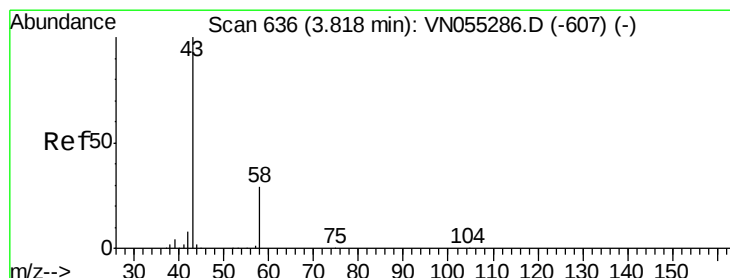
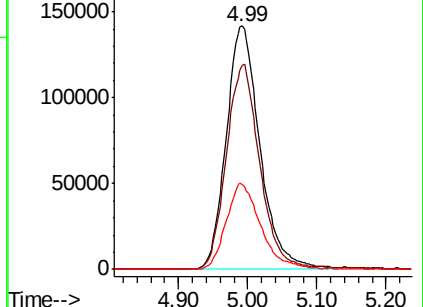
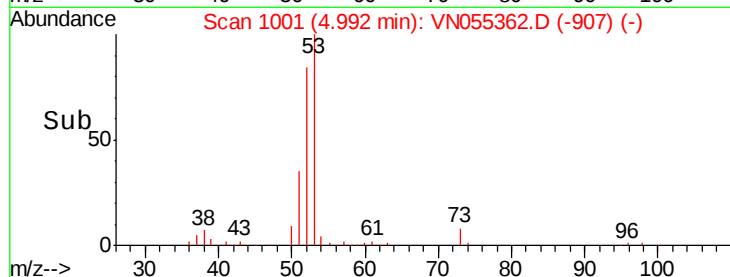


Abundance Ion 53.00 (52.70 to 53.70): VN055286.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN055286.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN055286.D (-975) (-)

Time-->



#16

Acetone

Concen: 218.060 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055362.D

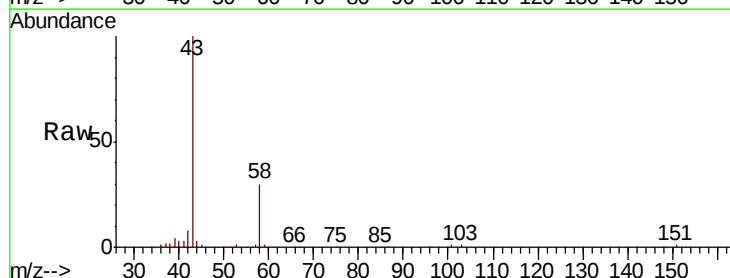
Acq: 2 May 2019 20:56

Tgt Ion: 43 Resp: 362461

Ion Ratio Lower Upper

43 100

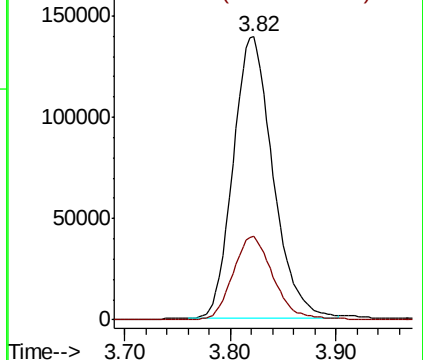
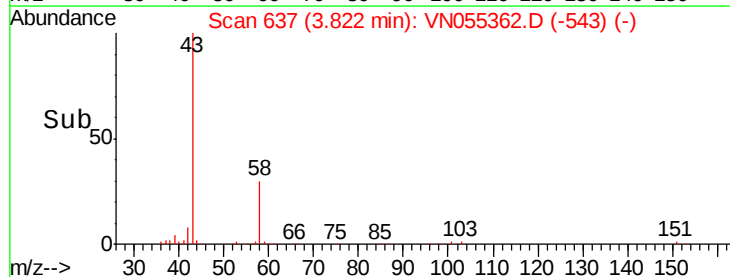
58 29.5 23.6 35.4

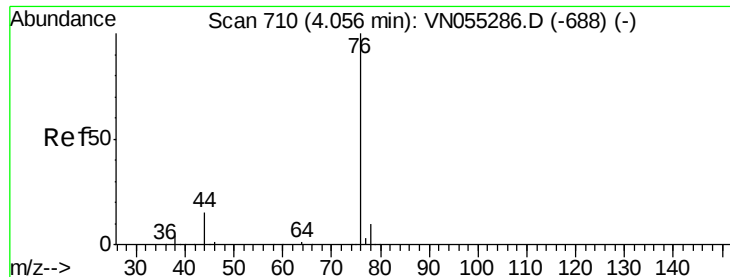


Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

Time-->





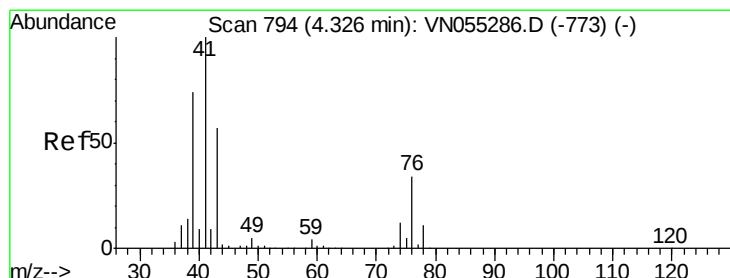
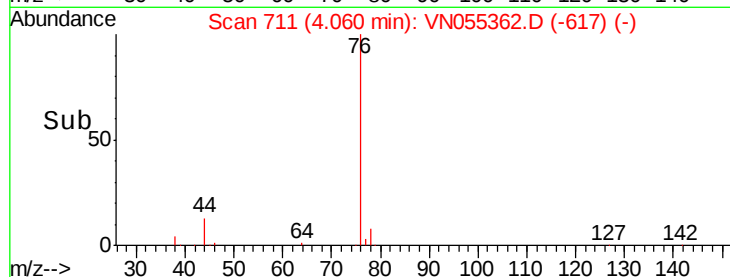
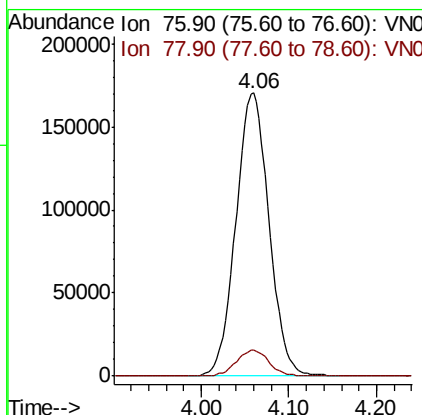
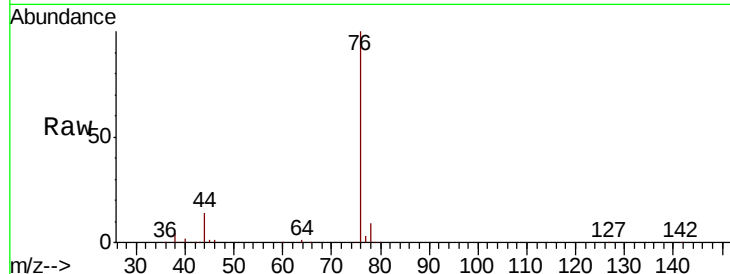
#17
Carbon Disulfide
Concen: 42.608 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 447908
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

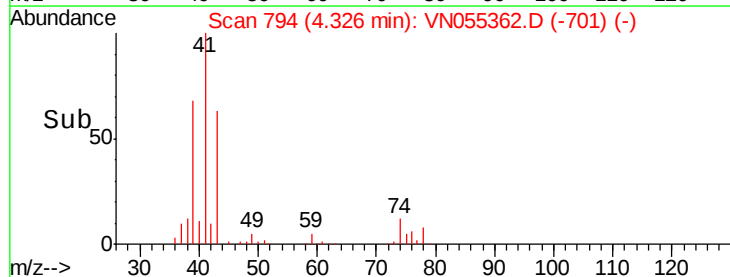
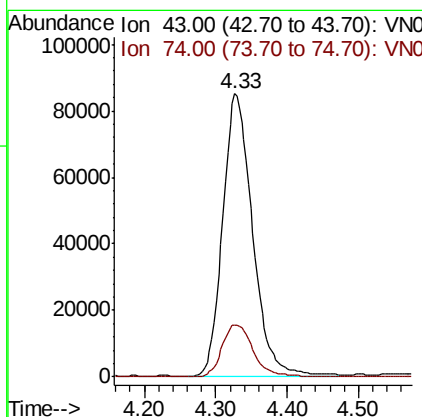
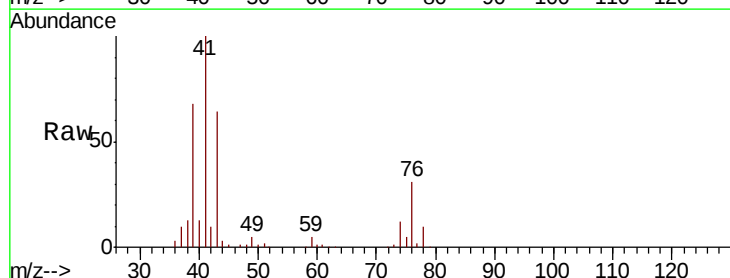
Manual Integrations
APPROVED

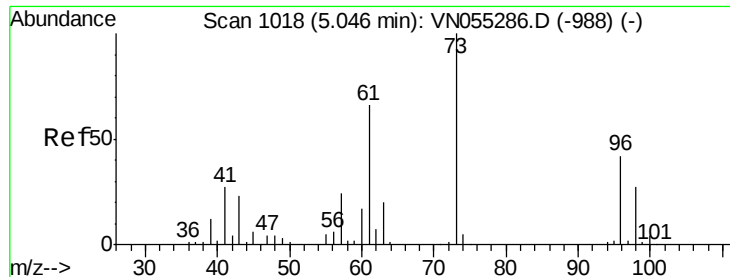
MMDadoda
5/3/2019 1:08:00 PM



#18
Methyl Acetate
Concen: 61.329 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion: 43 Resp: 247381
Ion Ratio Lower Upper
43 100
74 19.1 15.8 23.8





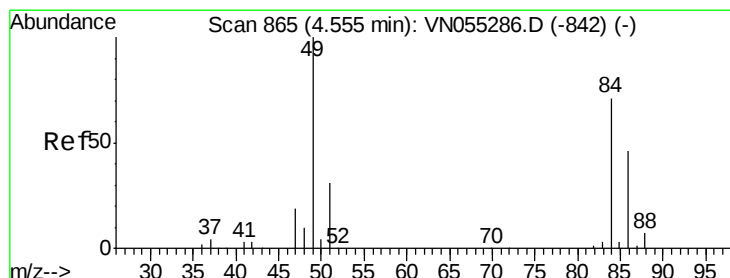
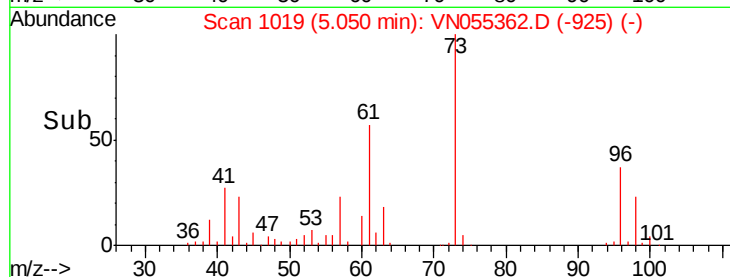
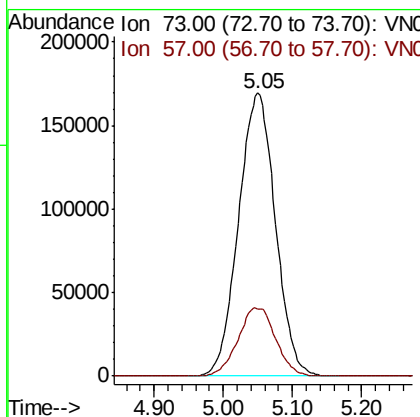
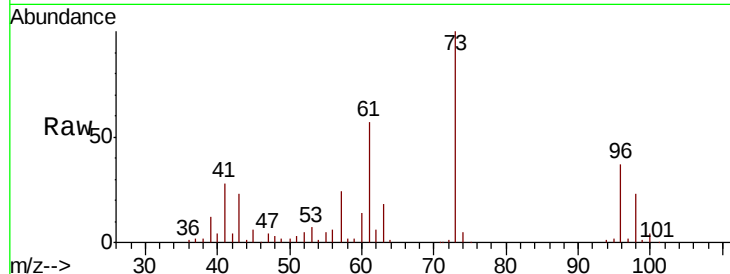
#19
Methyl tert-butyl Ether
Concen: 55.206 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 625157
Ion Ratio Lower Upper
73 100
57 23.8 19.1 28.7

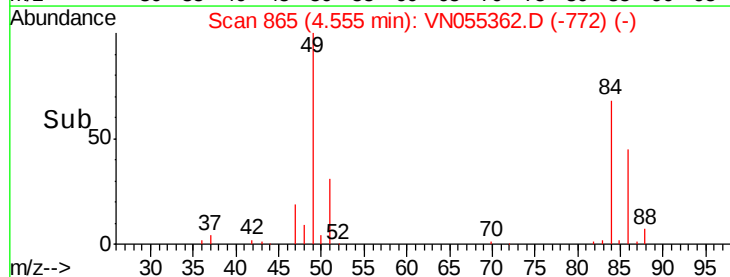
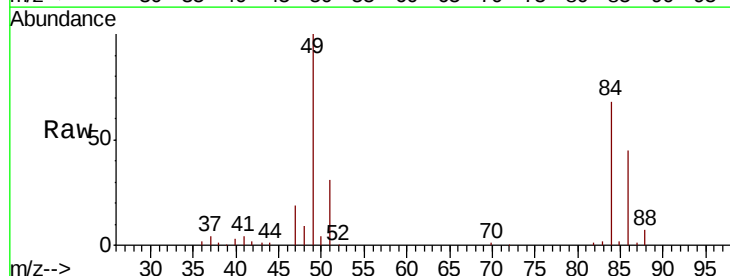
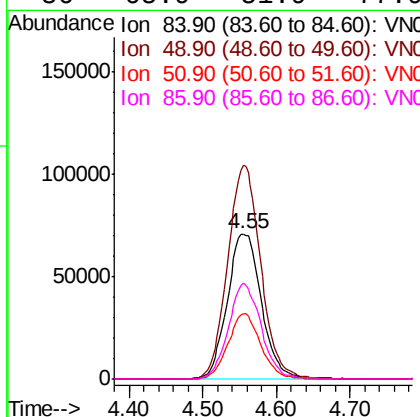
Manual Integrations
APPROVED

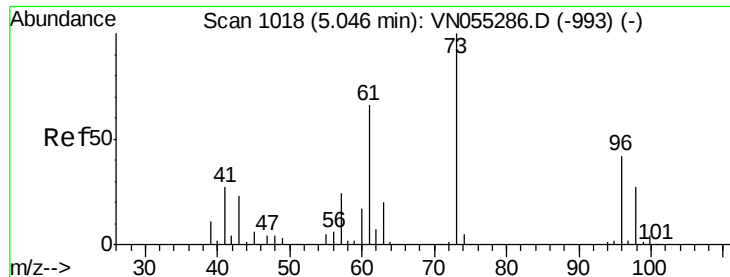
MMDadoda
5/3/2019 1:08:00 PM



#20
Methylene Chloride
Concen: 45.066 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion: 84 Resp: 228649
Ion Ratio Lower Upper
84 100
49 147.2 112.4 168.6
51 44.9 34.6 51.8
86 65.9 51.9 77.9





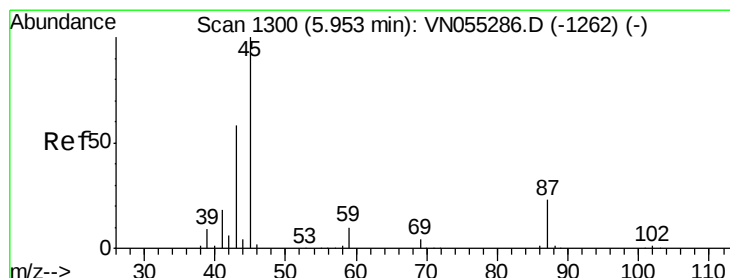
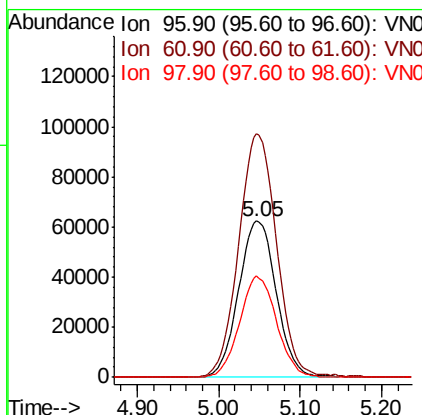
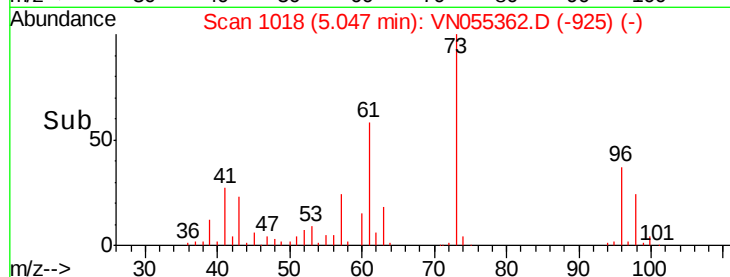
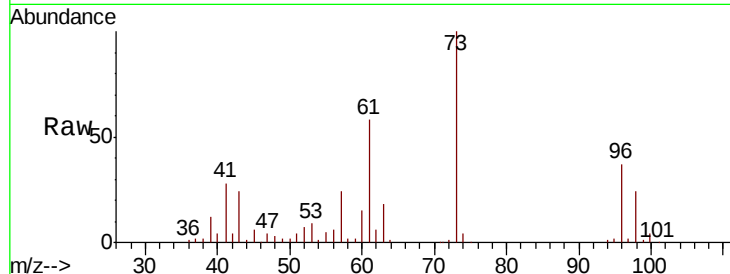
#21
trans-1,2-Dichloroethene
Concen: 46.665 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	126.2	189.4
98	64.7	52.2	78.2

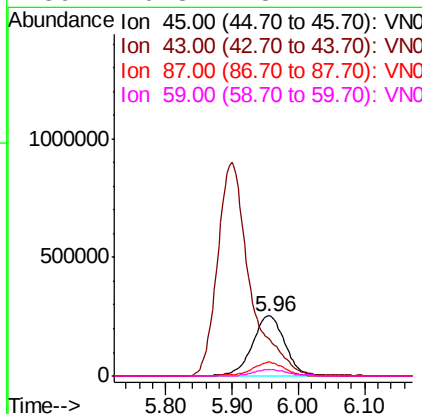
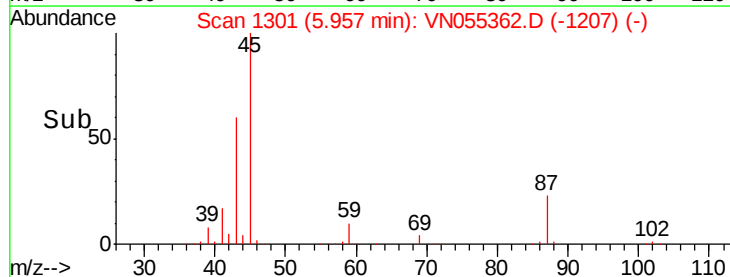
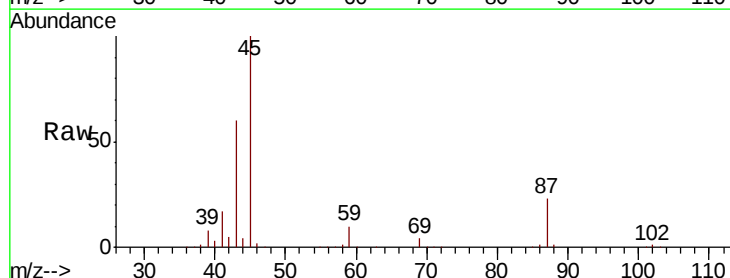
Manual Integrations
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#22
Diisopropyl ether
Concen: 52.343 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.7	46.6	70.0
87	22.4	18.1	27.1
59	10.3	8.2	12.2





#23

Vinyl Acetate

Concen: 282.636 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 3070555

Ion Ratio Lower Upper

43 100

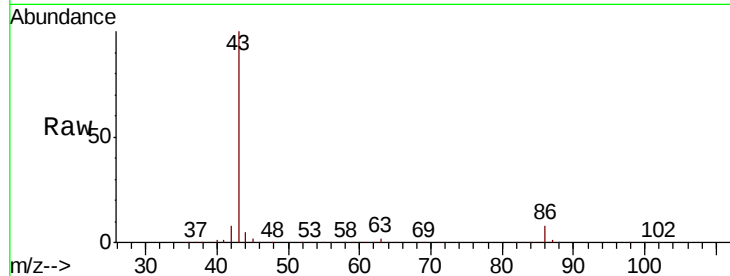
86 7.9 6.6 10.0

Manual Integrations

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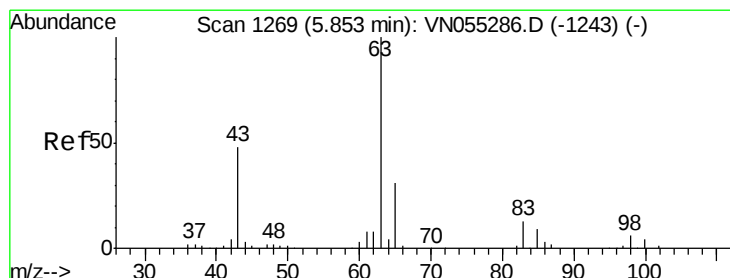
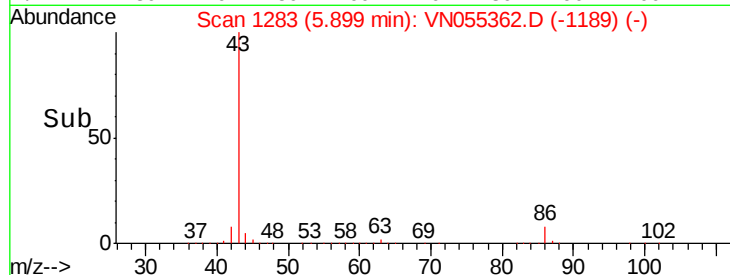
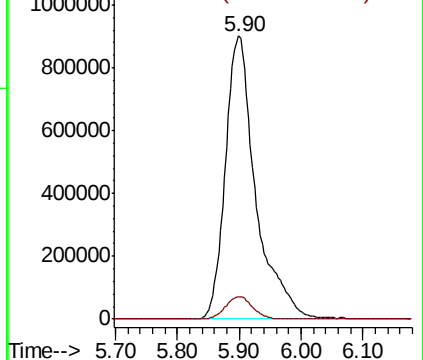
MMDadoda

5/3/2019 1:08:00 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: 49.966 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

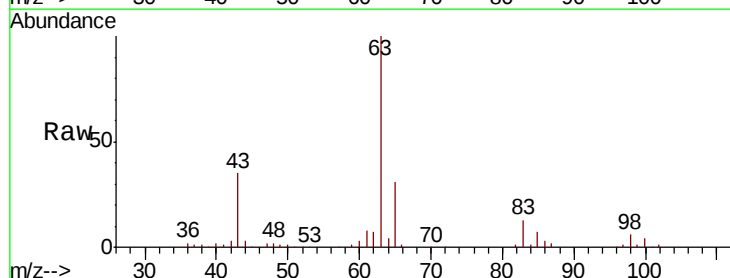
Tgt Ion: 63 Resp: 441302

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.0

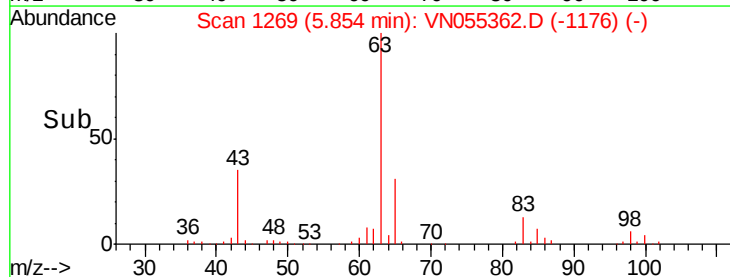
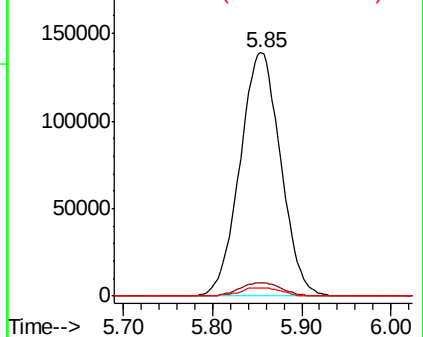
100 3.5 1.8 5.4

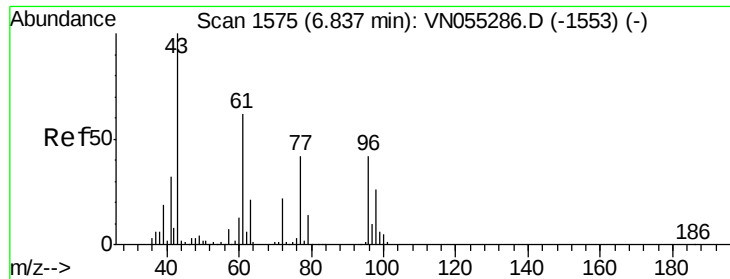


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 280.407 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 596073

Ion Ratio Lower Upper

43 100

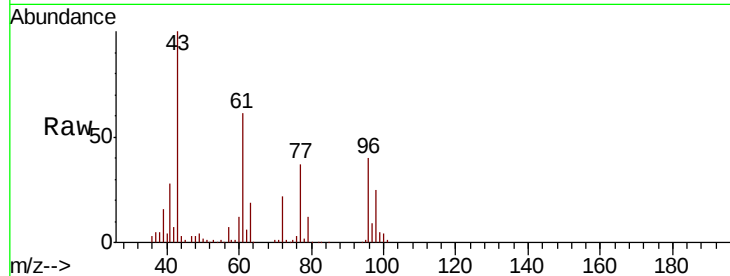
72 21.8 18.0 27.0

Manual Integrations

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MMDadoda

5/3/2019 1:08:00 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

200000

150000

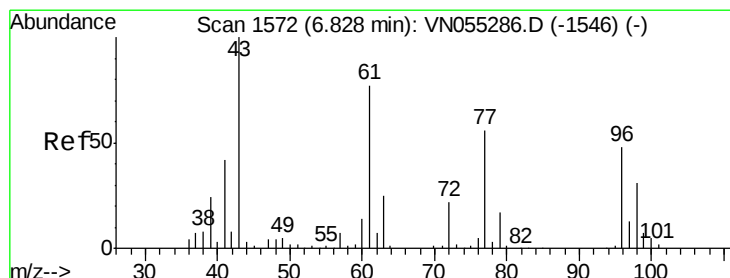
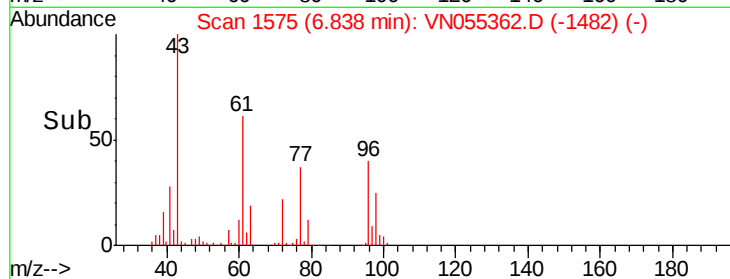
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 43.585 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055362.D

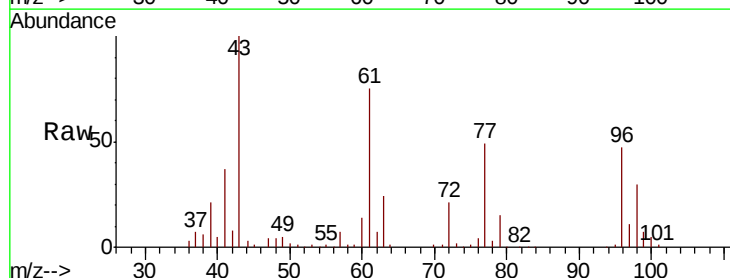
Acq: 2 May 2019 20:56

Tgt Ion: 77 Resp: 265815

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.83

100000

80000

60000

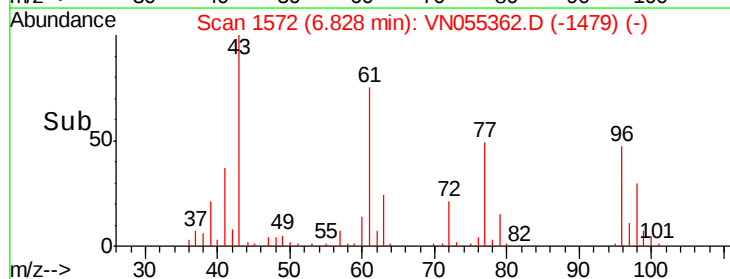
40000

20000

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6.70 6.80 6.90

Time-->





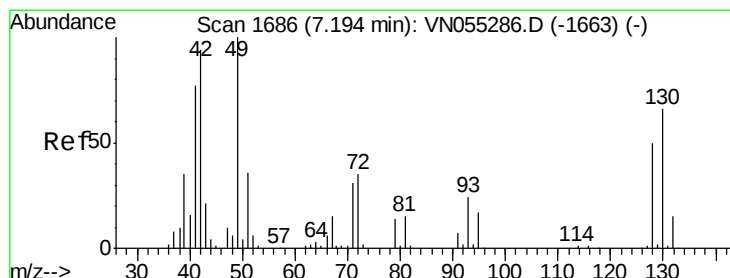
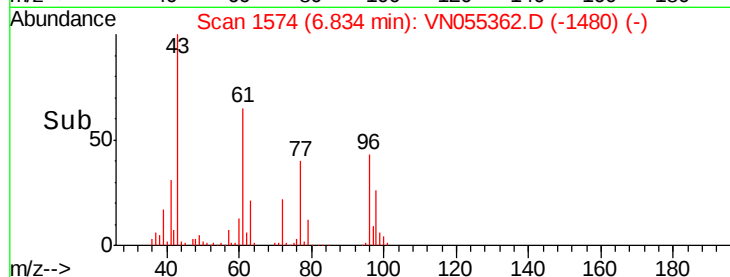
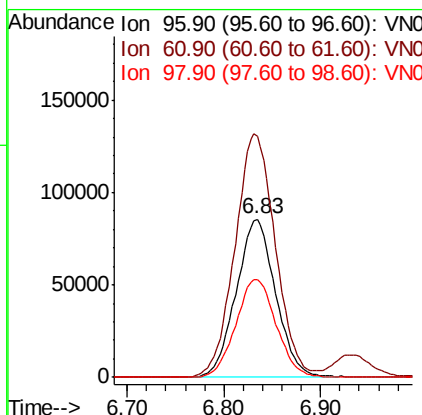
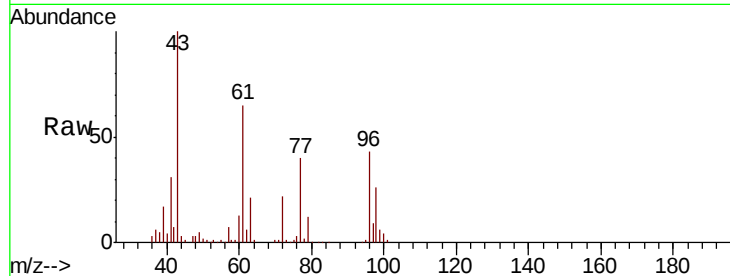
#27
 cis-1,2-Dichloroethene
 Concen: 49.868 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	241927		
61	157.8	0.0	316.2	
98	63.6	0.0	126.6	

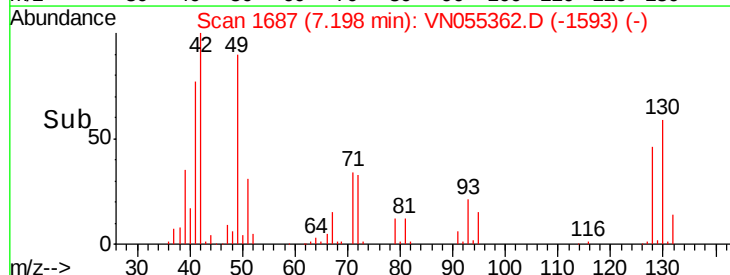
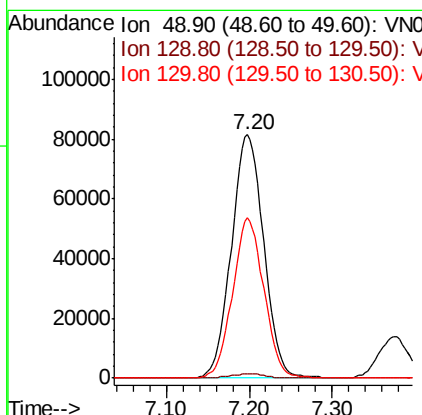
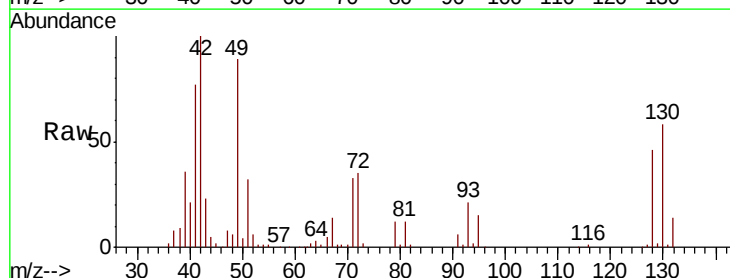
Manual Integrations
 APPROVED

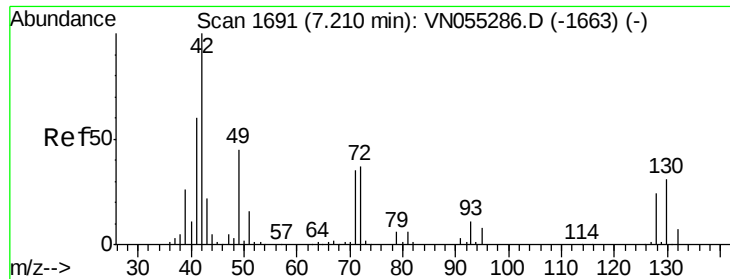
MMDadoda
 5/3/2019 1:08:00 PM



#28
 Bromochloromethane
 Concen: 49.602 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	220824		
129	1.8	0.0	2.4	
130	63.6	52.0	78.0	





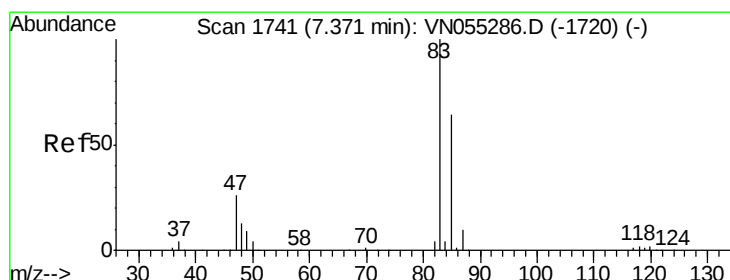
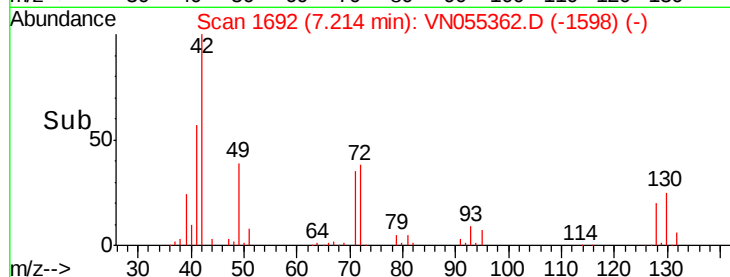
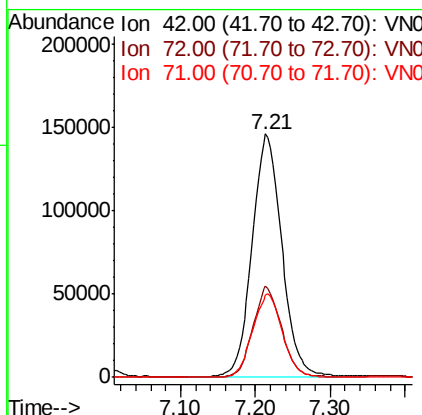
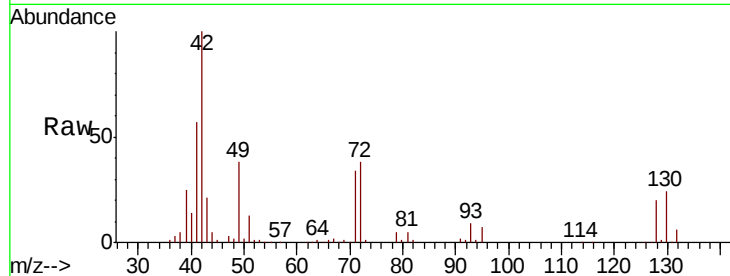
#29
Tetrahydrofuran
Concen: 296.950 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	35.8	29.0	43.6
71	34.3	27.1	40.7

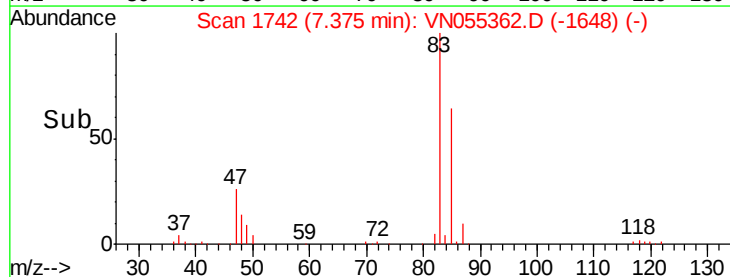
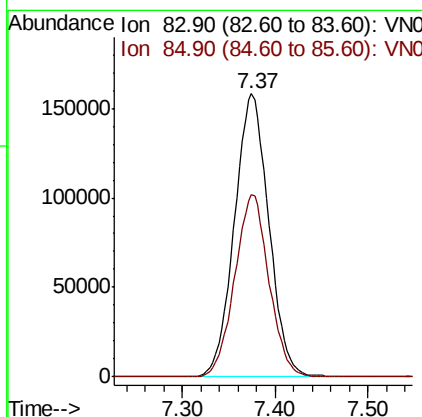
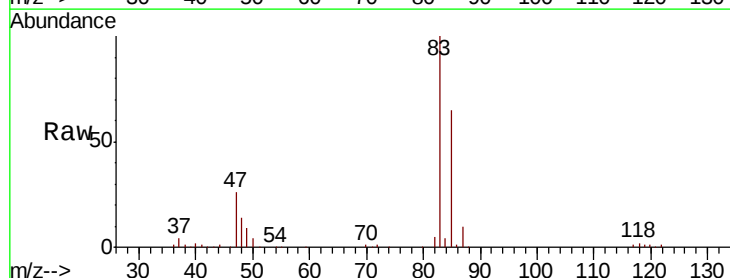
Manual Integrations
APPROVED

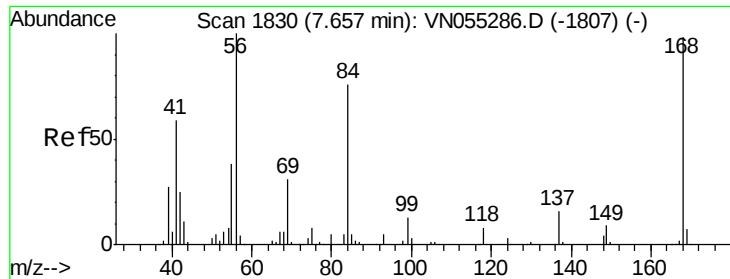
MMDadoda
5/3/2019 1:08:00 PM



#30
Chloroform
Concen: 48.504 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.2





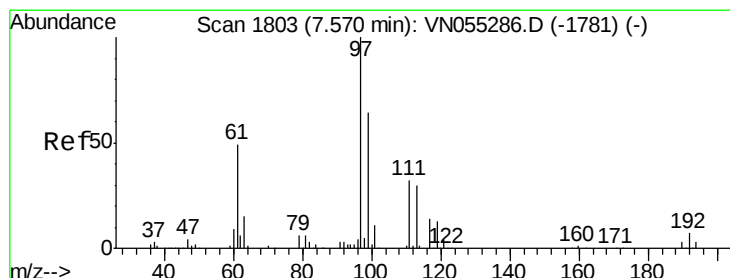
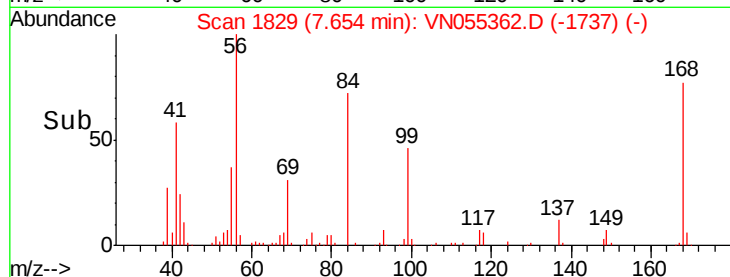
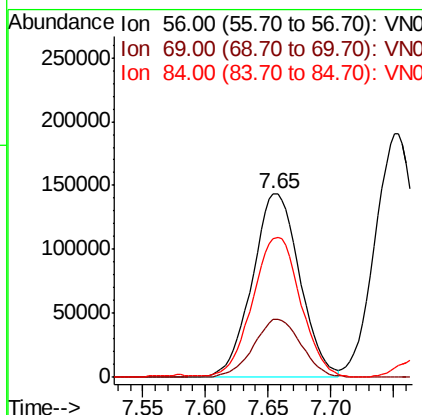
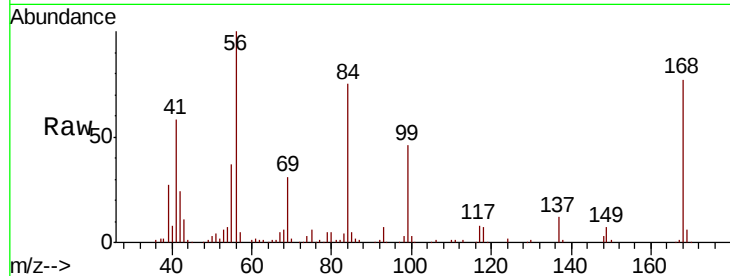
#31
Cyclohexane
Concen: 45.111 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.2	37.8
84	74.2	61.1	91.7

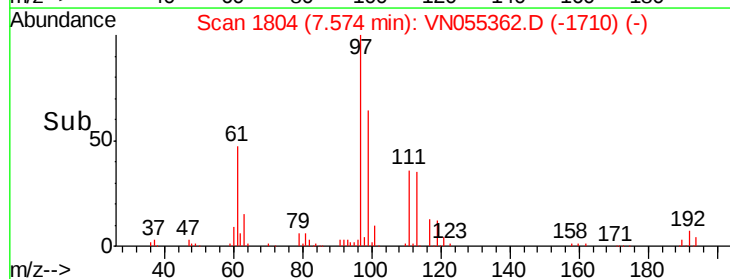
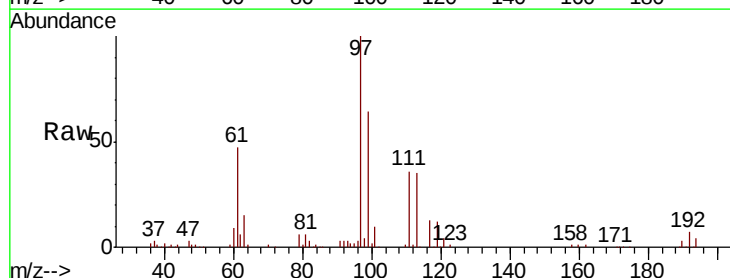
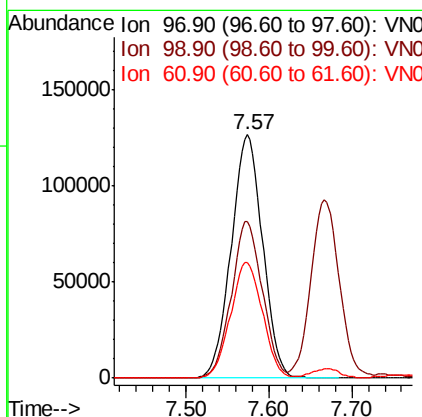
Manual Integrations
APPROVED

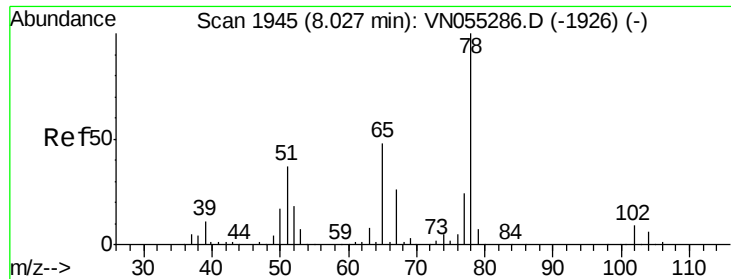
MMDadoda
5/3/2019 1:08:00 PM



#32
1,1,1-Trichloroethane
Concen: 49.059 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.8	77.8
61	48.4	39.0	58.6





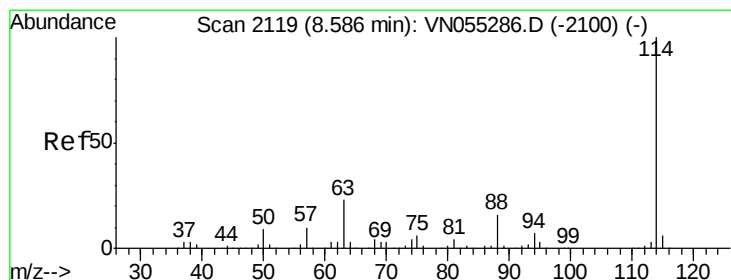
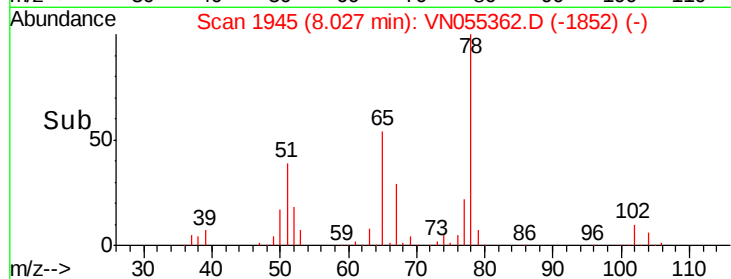
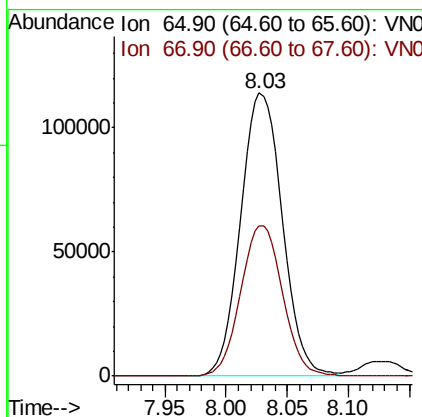
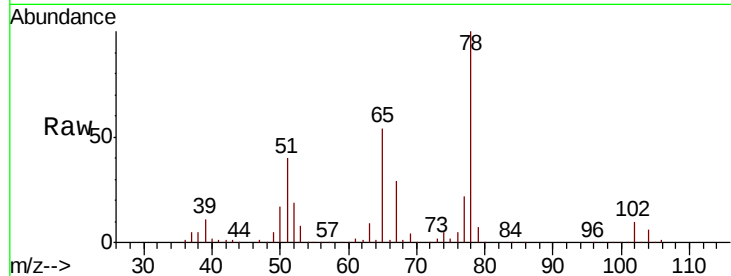
#33
 1,2-Dichloroethane-d4
 Concen: 50.669 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	270299		
67	53.3	0.0	106.8	

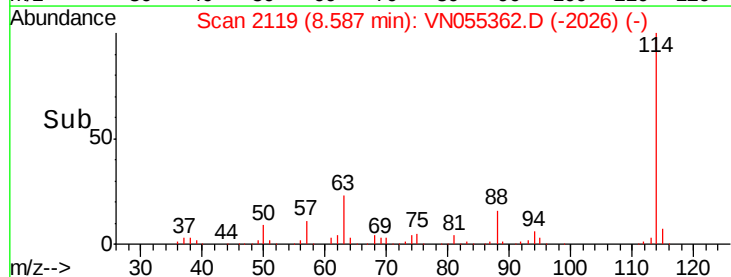
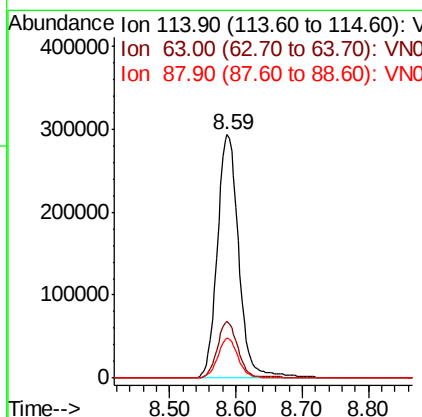
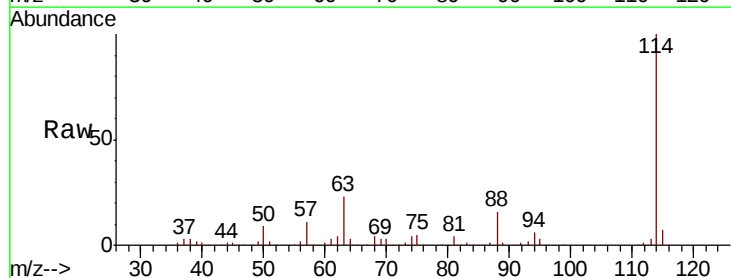
Manual Integrations
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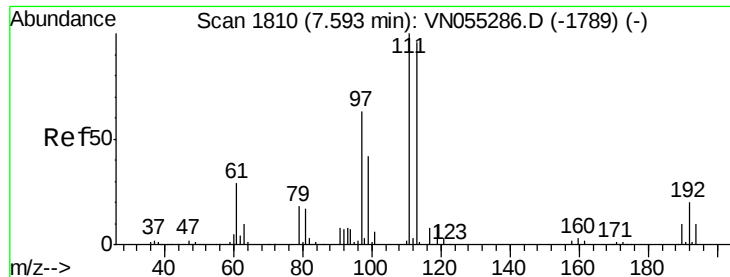
MMDadoda
 5/3/2019 1:08:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	660858		
63	23.2	0.0	45.2	
88	16.2	0.0	31.6	





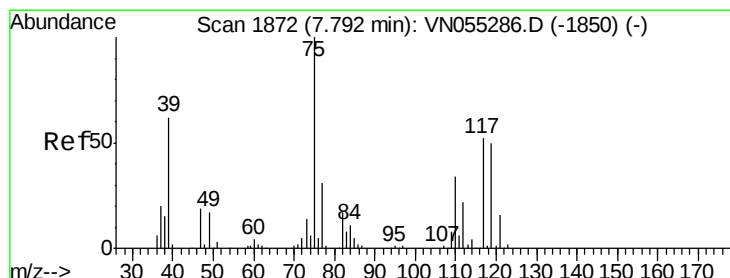
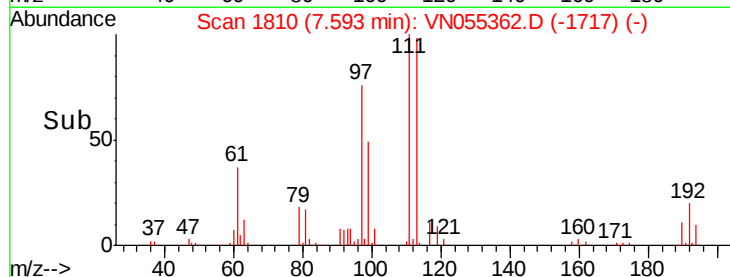
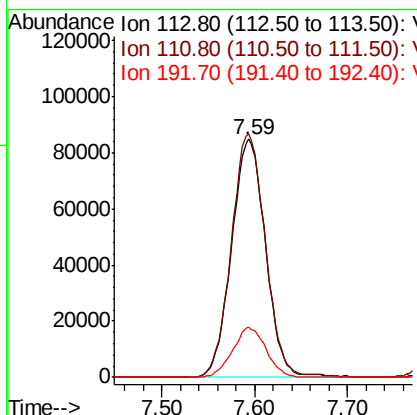
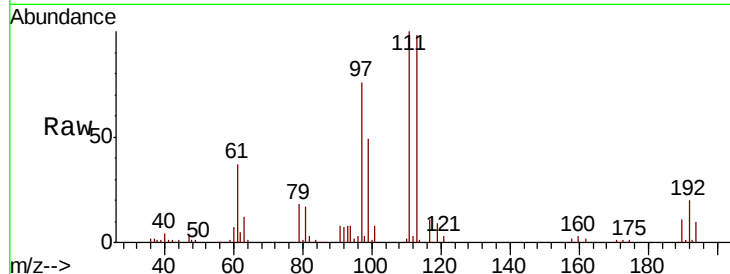
#35
 Dibromofluoromethane
 Concen: 49.756 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	215823		
111	101.8	82.3	123.5	
192	20.6	17.0	25.6	

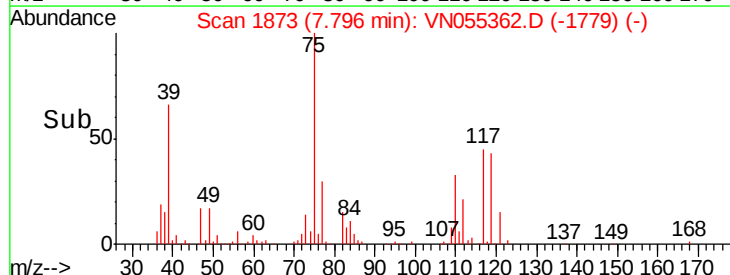
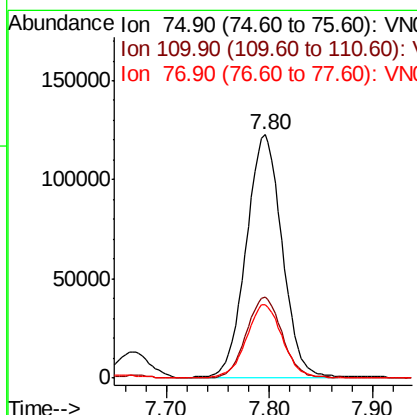
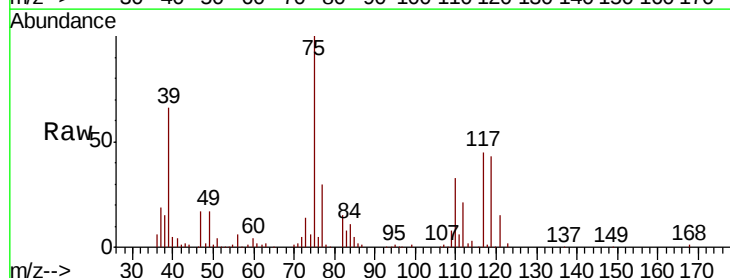
Manual Integrations
 APPROVED

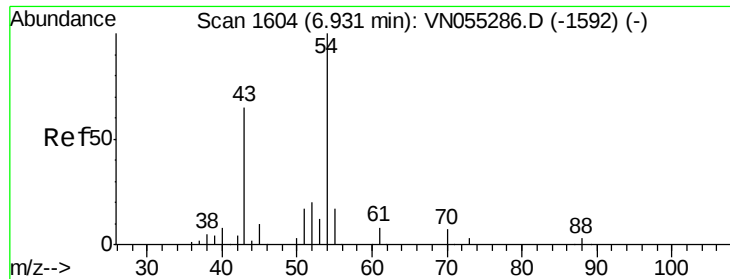
MMDadoda
 5/3/2019 1:08:00 PM



#36
 1,1-Dichloropropene
 Concen: 46.618 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	295089		
110	33.4	16.8	50.4	
77	30.8	25.0	37.6	





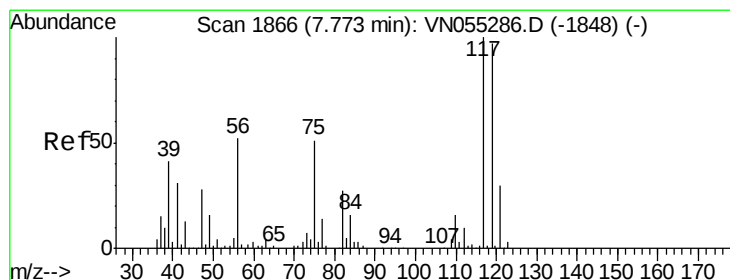
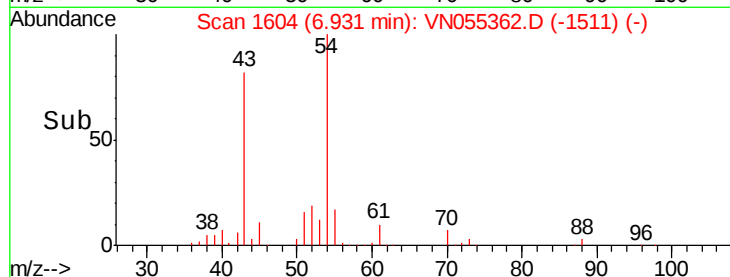
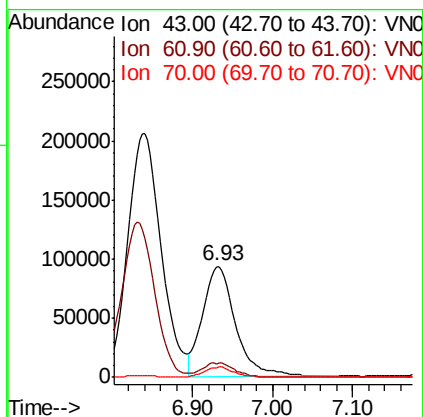
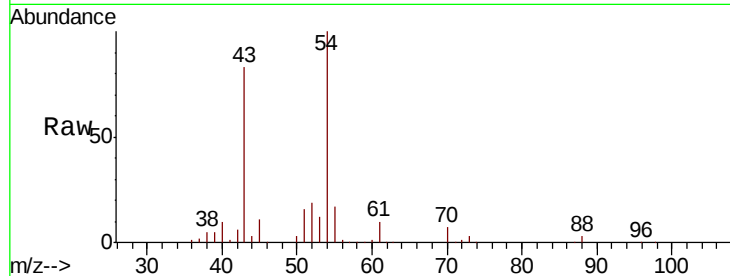
#37
Ethyl Acetate
Concen: 54.942 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.6	10.4	15.6
70	8.6	6.6	10.0

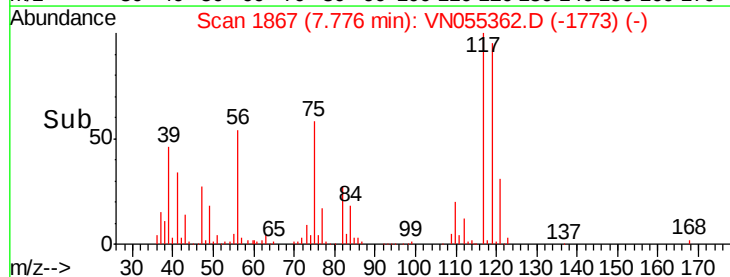
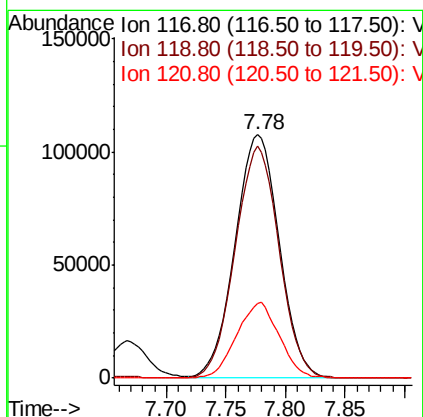
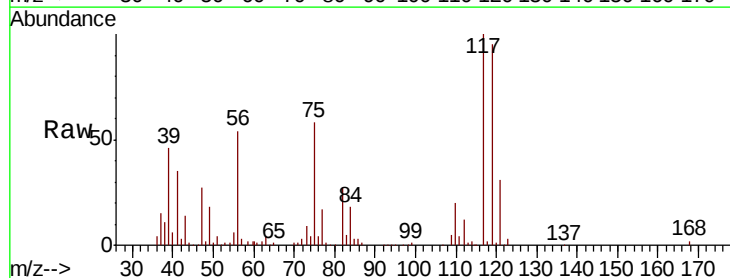
Manual Integrations
APPROVED

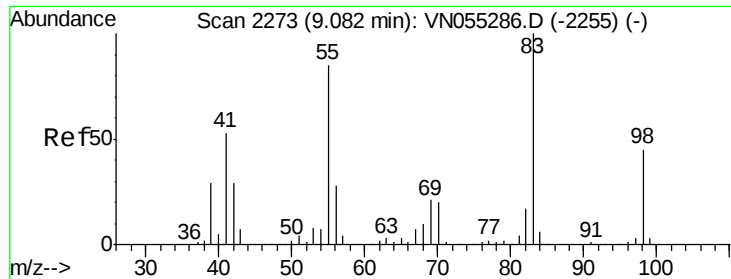
MMDadoda
5/3/2019 1:08:00 PM



#38
Carbon Tetrachloride
Concen: 45.205 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.6
121	30.8	23.8	35.8





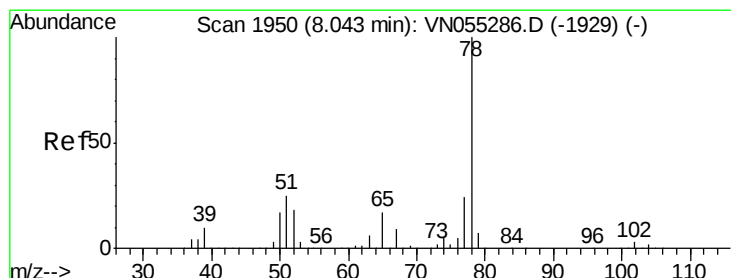
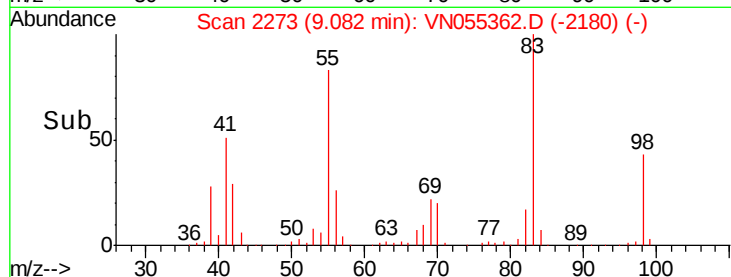
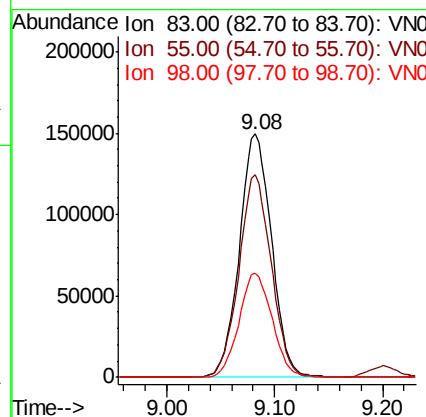
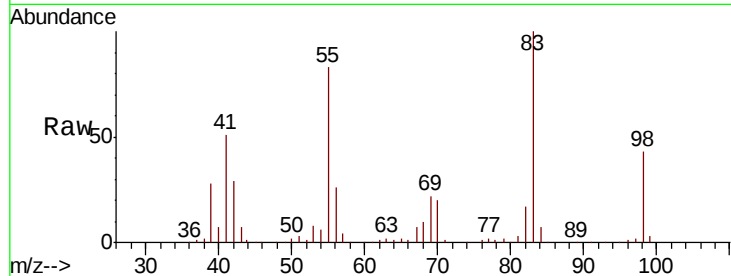
#39
Methylcyclohexane
Concen: 46.194 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	310896		
55	83.3	67.8	101.6	
98	42.8	36.2	54.4	

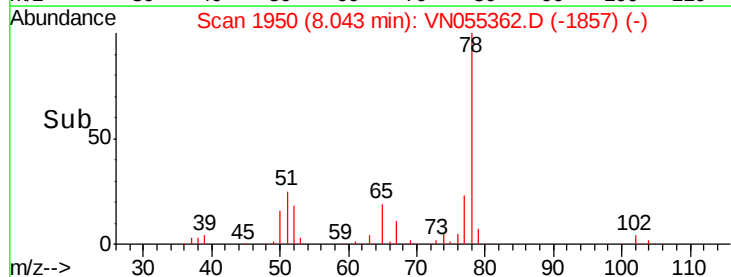
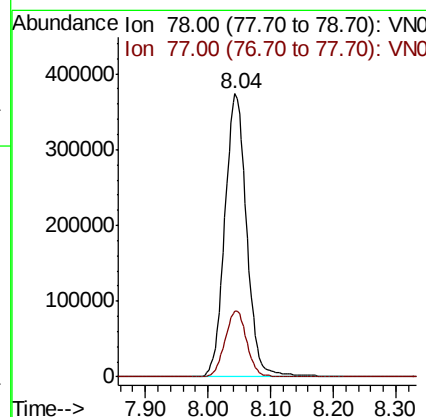
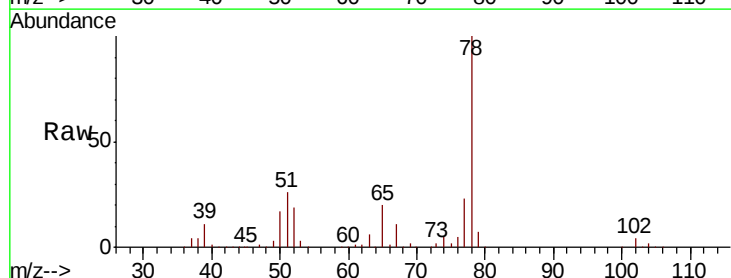
Manual Integrations
APPROVED

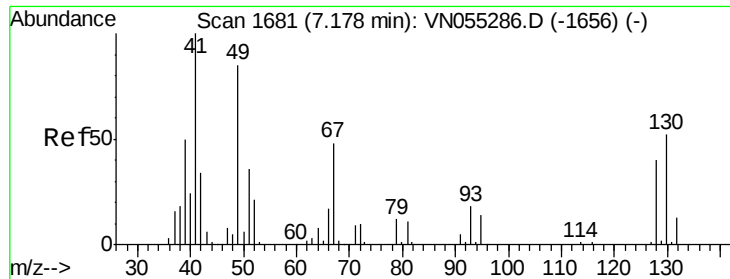
MMDadoda
5/3/2019 1:08:00 PM



#40
Benzene
Concen: 48.309 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	901459		
77	23.2	19.0	28.6	





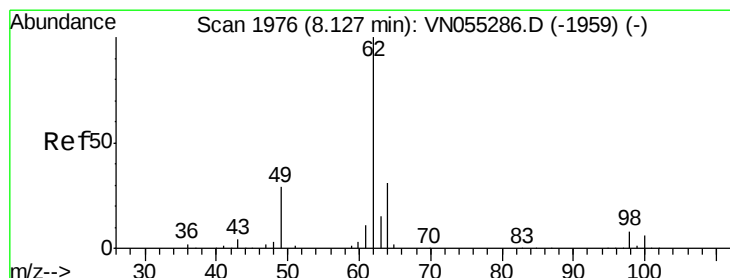
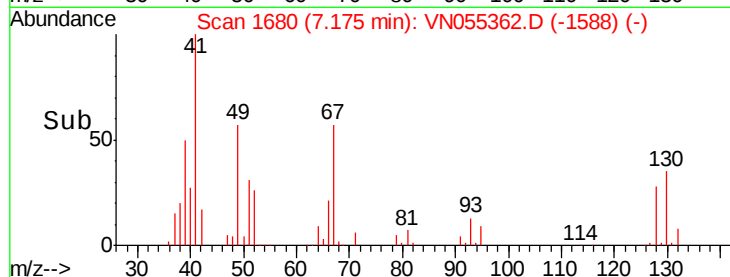
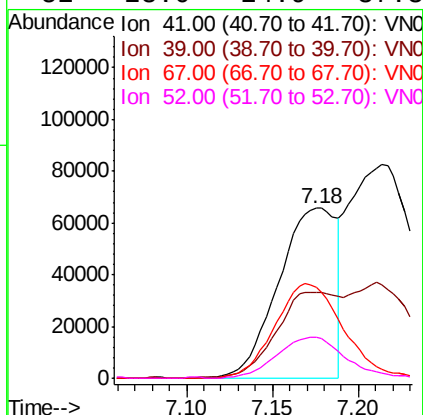
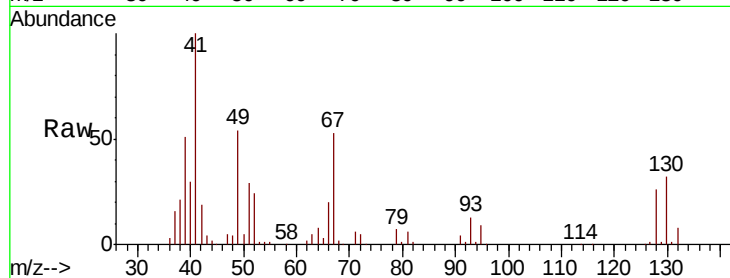
#41
Methacrylonitrile
Concen: 58.474 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.0	48.5	72.7
67	65.8	54.9	82.3
52	28.0	24.9	37.3

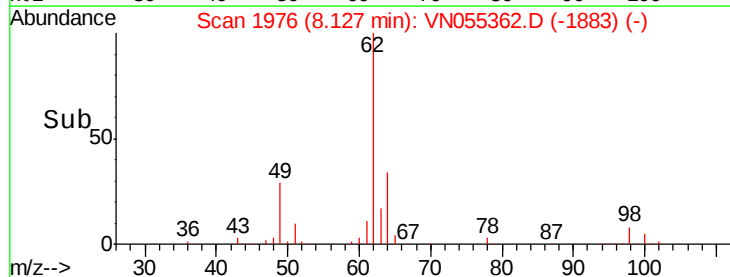
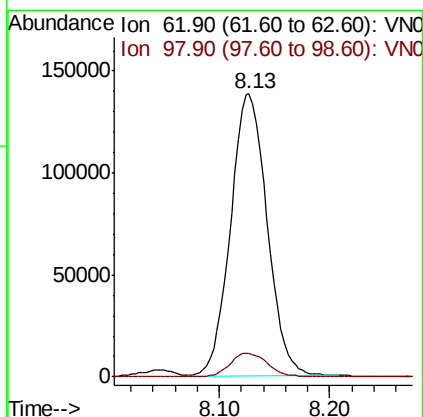
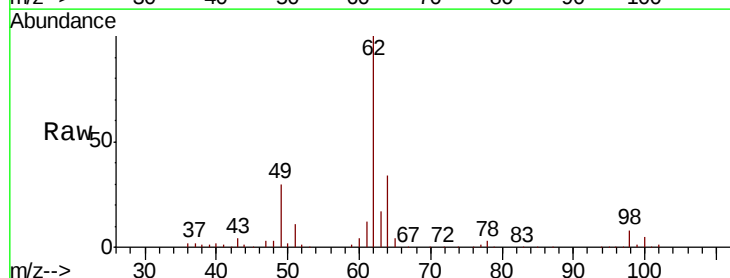
Manual Integrations
APPROVED

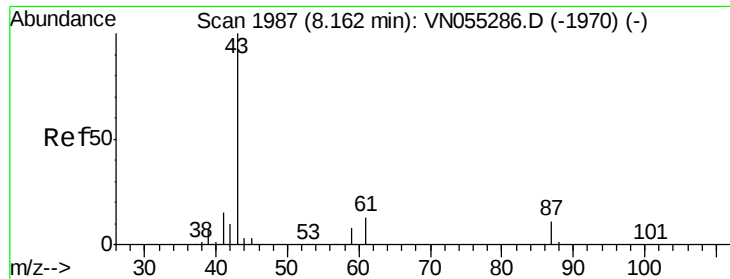
MMDadoda
5/3/2019 1:08:00 PM



#42
1,2-Dichloroethane
Concen: 48.129 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.4





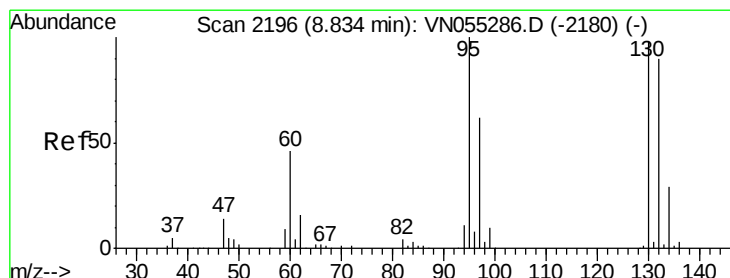
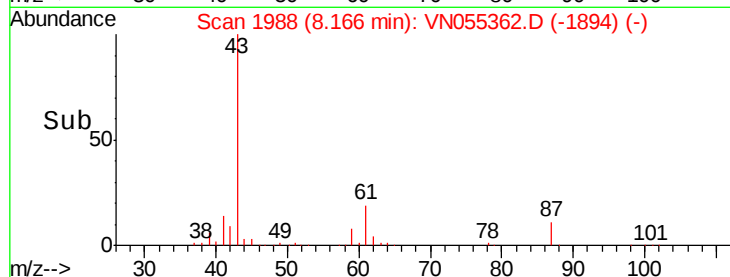
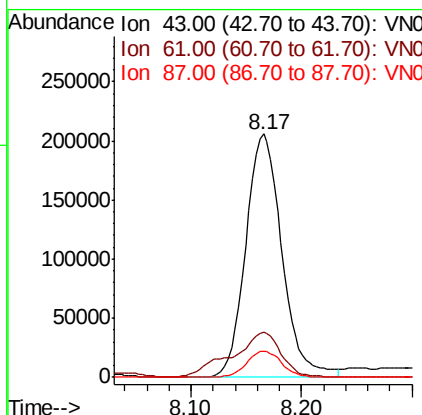
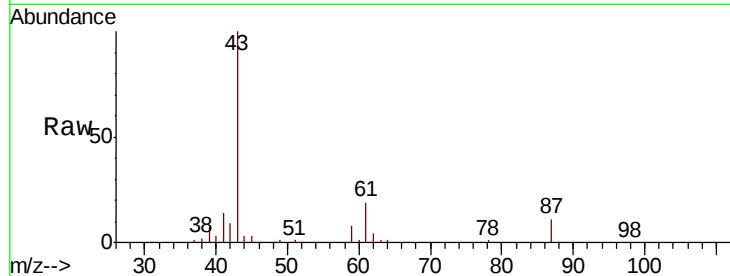
#43
Isopropyl Acetate
Concen: 59.874 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	24.7	20.8	31.2
87	10.5	8.5	12.7

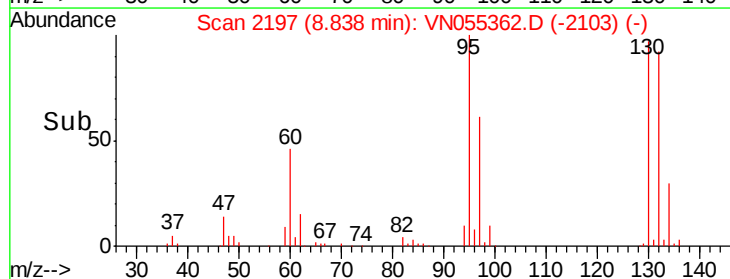
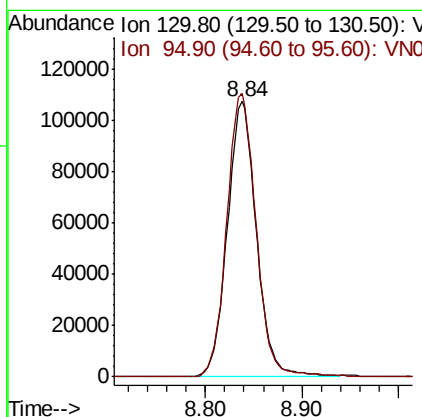
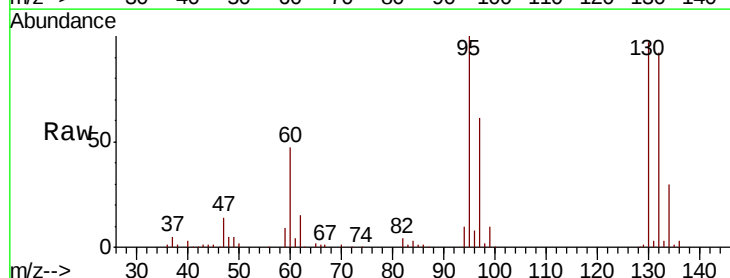
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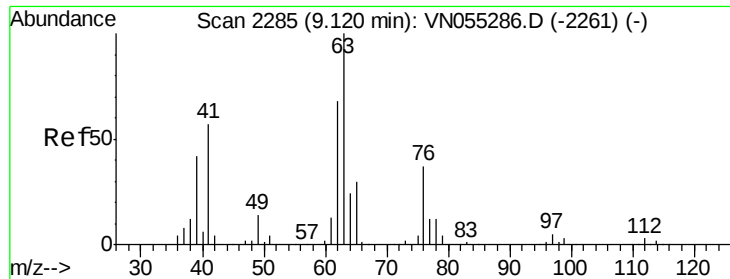
MMDadoda
5/3/2019 1:08:00 PM



#44
Trichloroethene
Concen: 47.109 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	203.4





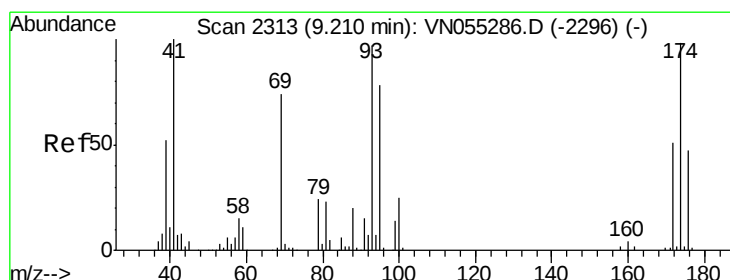
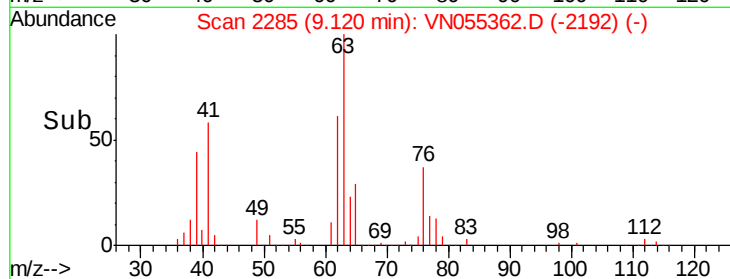
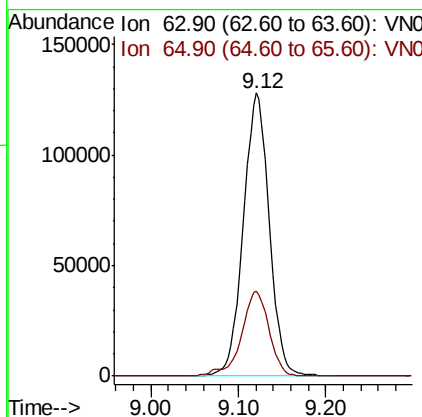
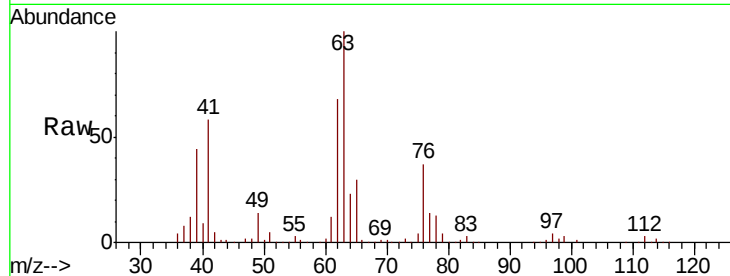
#45
 1,2-Dichloropropane
 Concen: 48.952 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 263458
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.9 35.9

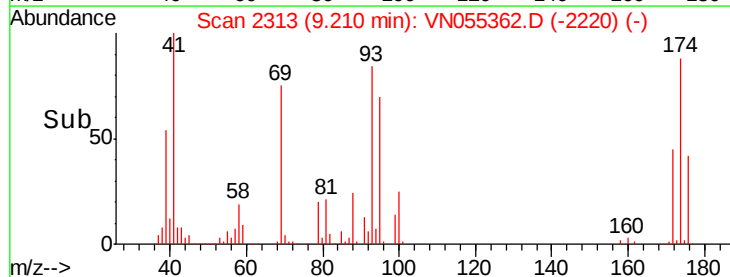
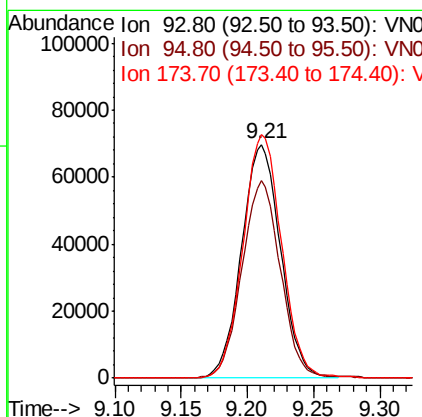
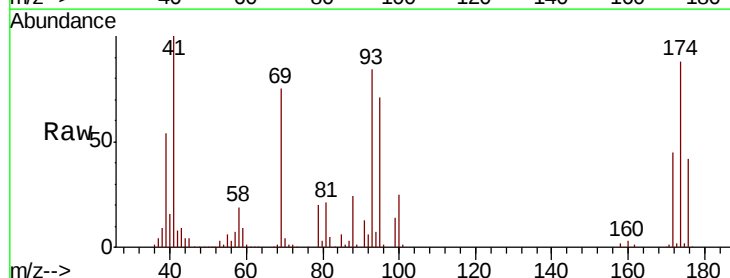
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#46
 Dibromomethane
 Concen: 48.558 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion: 93 Resp: 142849
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.7 98.5
 174 103.9 81.5 122.3





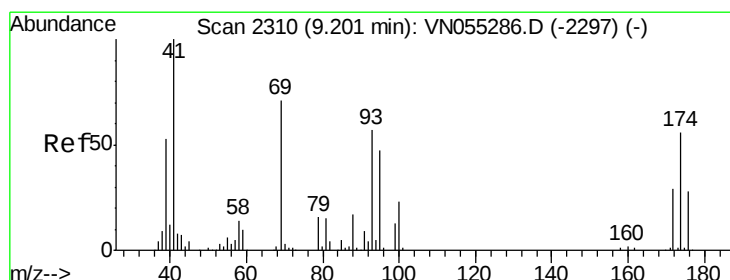
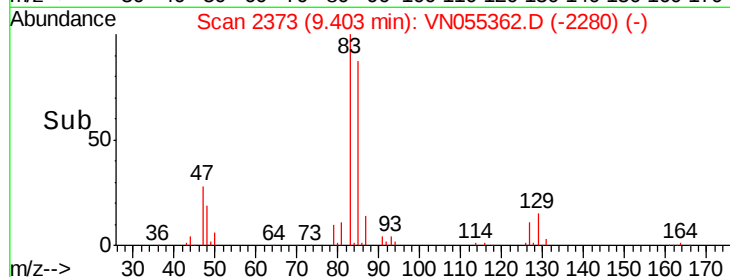
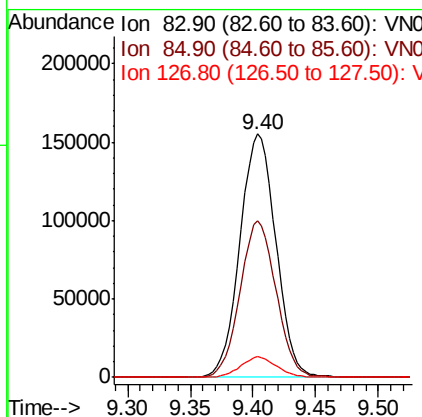
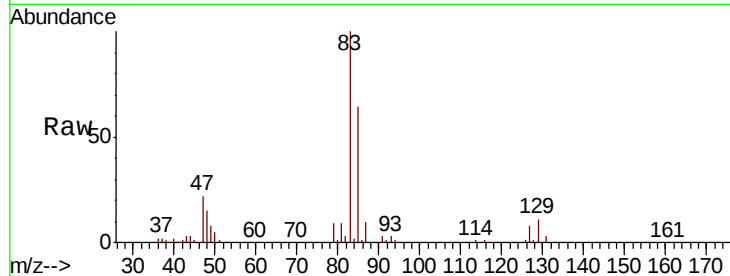
#47
Bromodichloromethane
Concen: 49.093 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	309832		
85	64.4	50.1	75.1	
127	8.3	6.7	10.1	

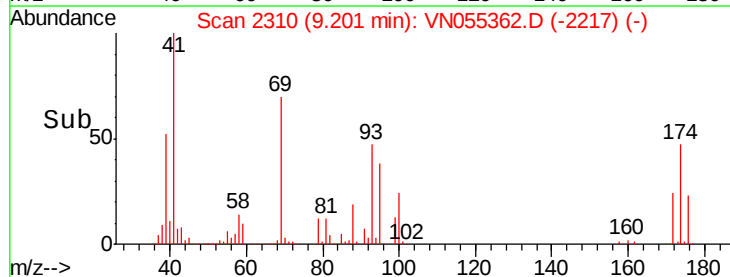
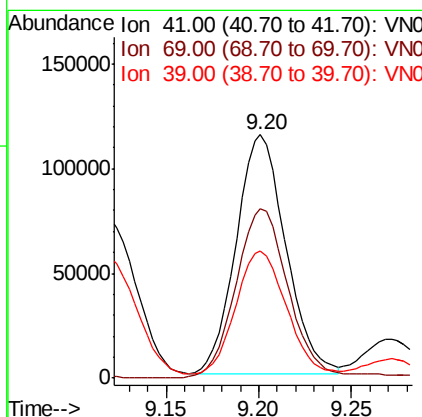
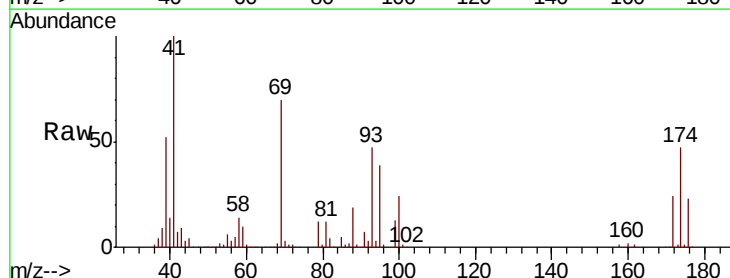
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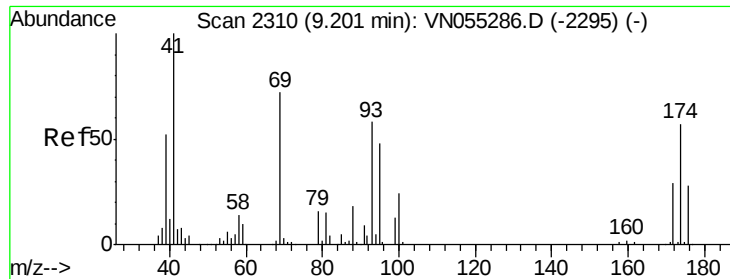
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5/3/2019 1:08:00 PM



#48
Methyl methacrylate
Concen: 55.546 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	212894		
69	77.2	58.6	87.8	
39	55.6	43.8	65.6	





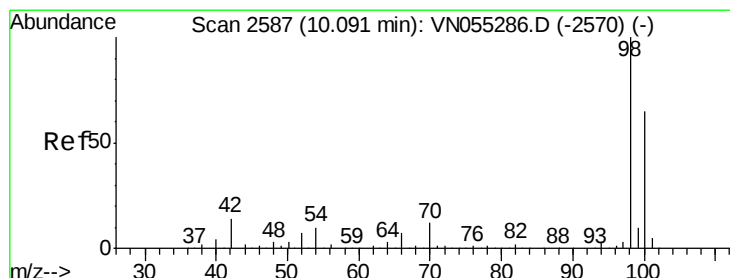
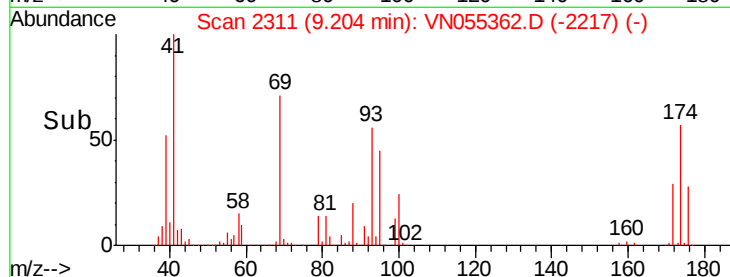
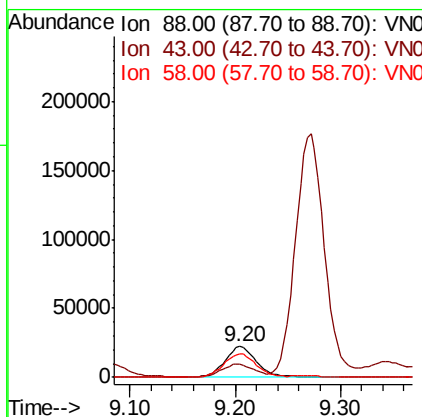
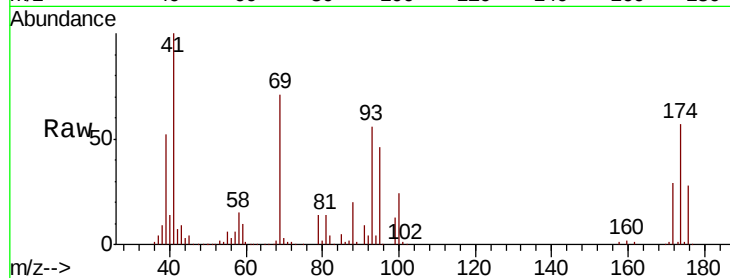
#49
 1,4-Dioxane
 Concen: 1181.024 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	40.1	33.3	49.9
58	78.1	62.7	94.1

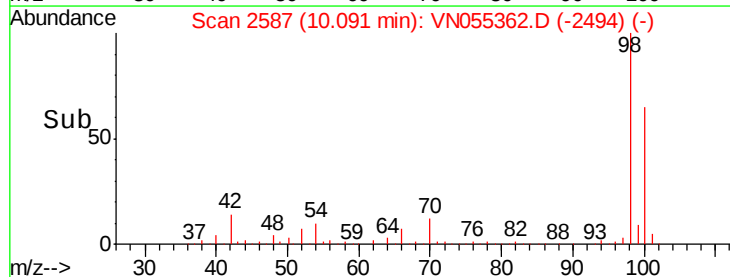
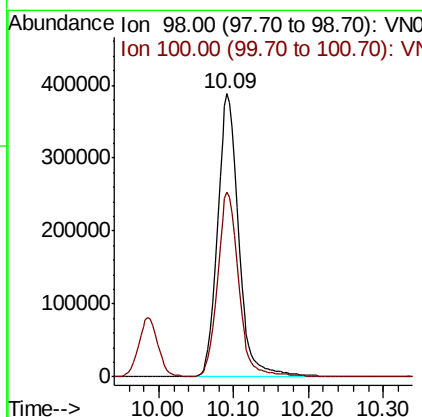
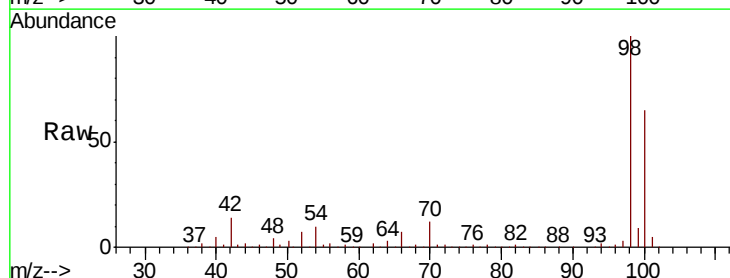
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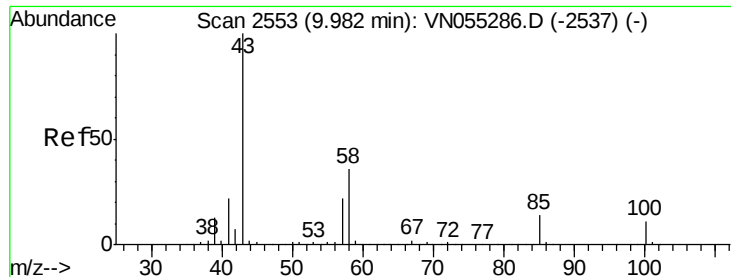
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 5/3/2019 1:08:00 PM



#50
 Toluene-d8
 Concen: 48.490 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.7	77.5





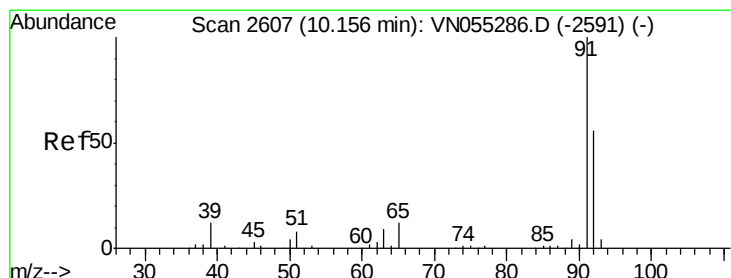
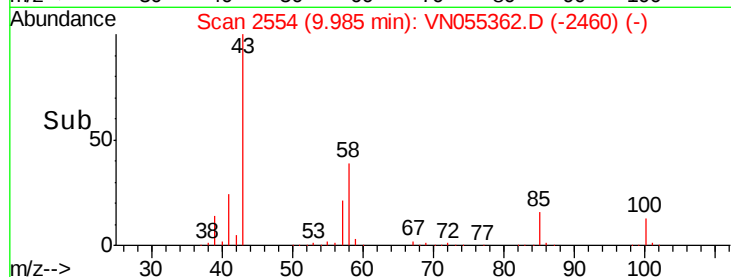
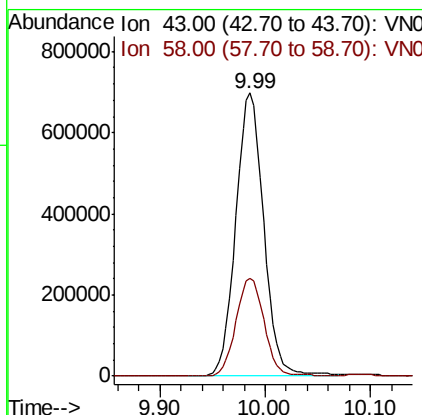
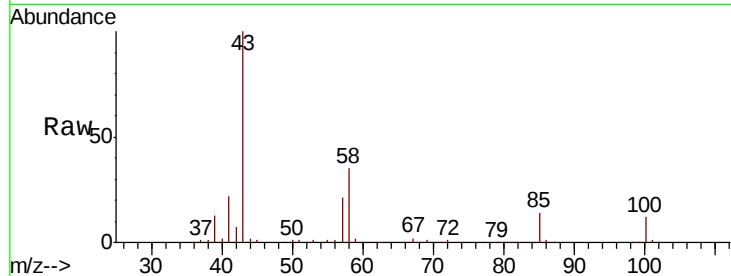
#51
 4-Methyl-2-Pentanone
 Concen: 291.895 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1281288
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.5 42.7

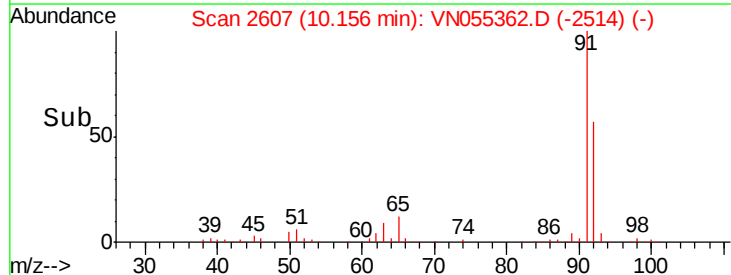
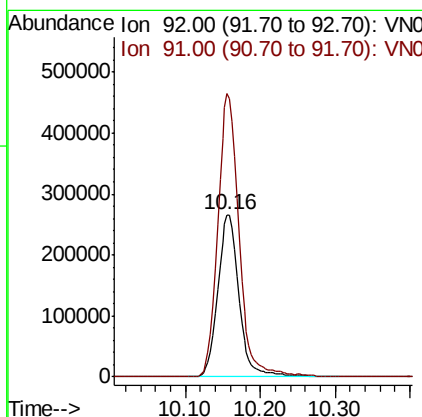
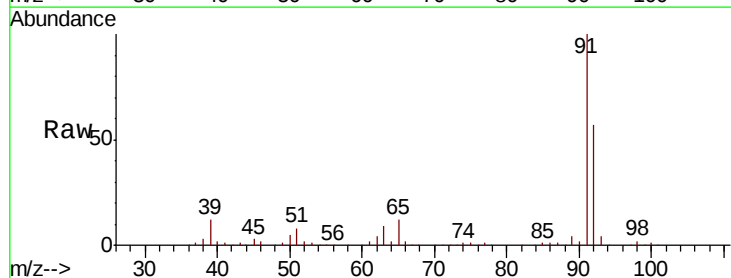
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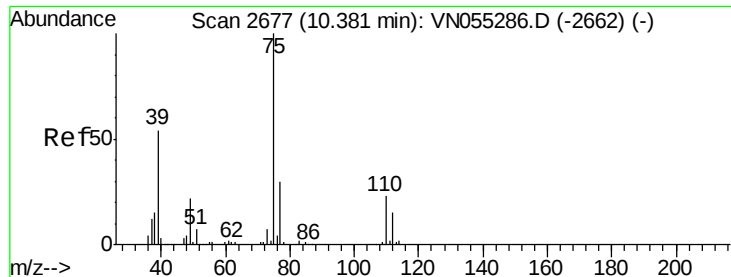
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#52
 Toluene
 Concen: 48.709 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion: 92 Resp: 521524
 Ion Ratio Lower Upper
 92 100
 91 175.2 140.1 210.1





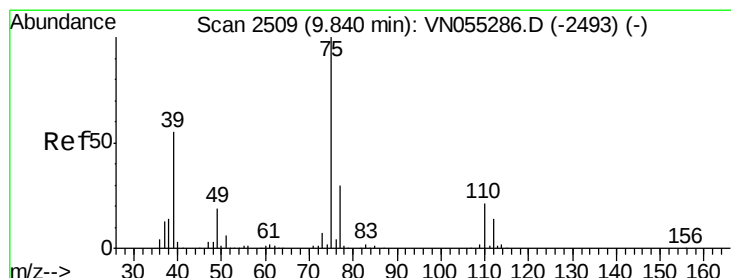
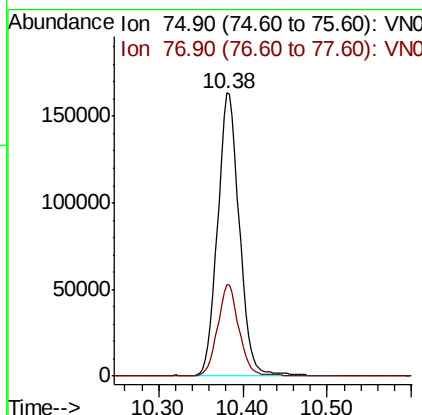
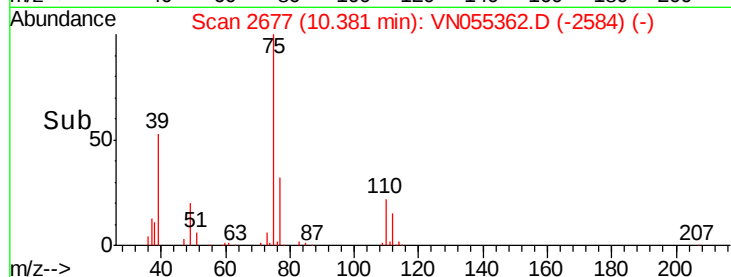
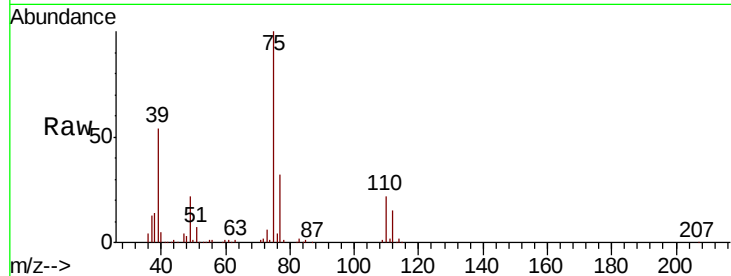
#53
 t-1,3-Dichloropropene
 Concen: 53.606 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 293690
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.4 36.6

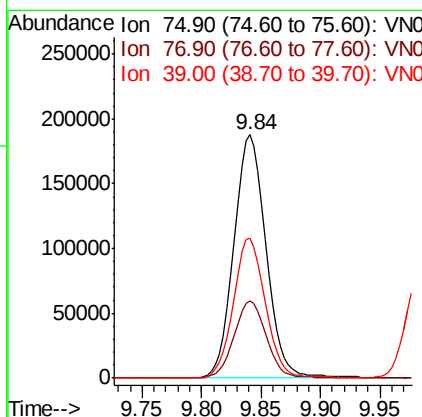
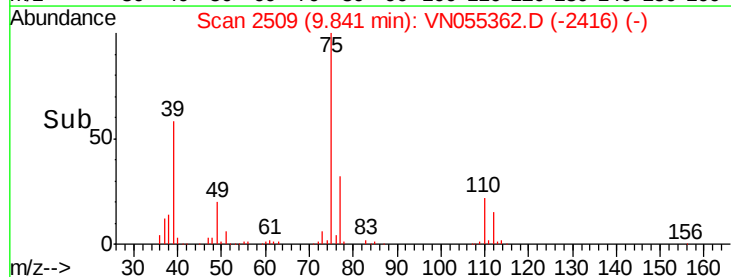
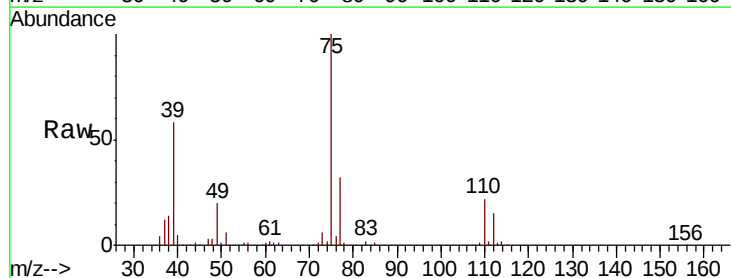
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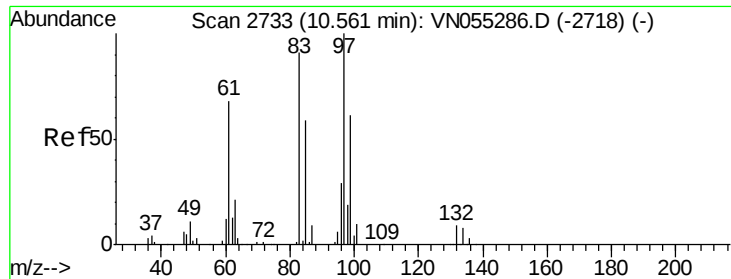
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 5/3/2019 1:08:00 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.438 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion: 75 Resp: 351366
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.2
 39 57.6 44.2 66.2





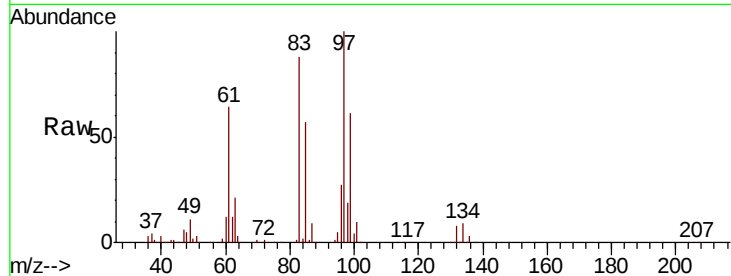
#55
 1,1,2-Trichloroethane
 Concen: 51.478 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

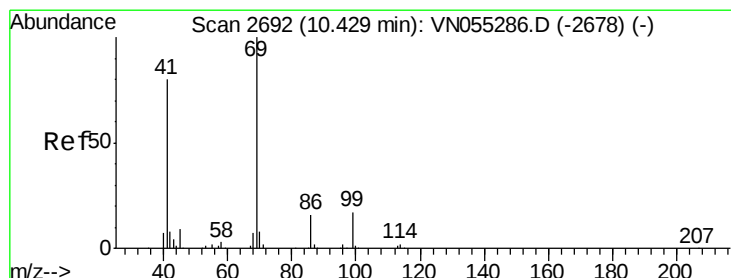
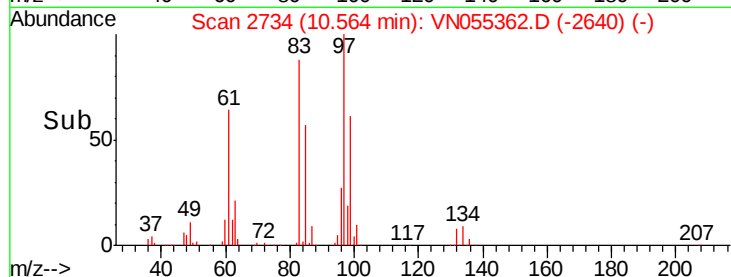
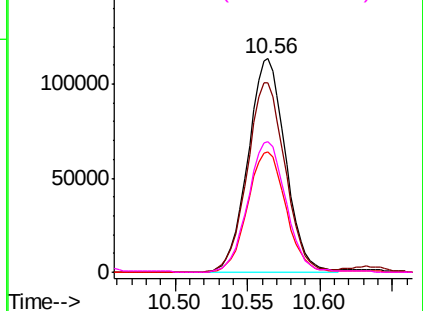
Tgt Ion:	97	Resp:	204671
Ion	Ratio	Lower	Upper
97	100		
83	88.4	72.8	109.2
85	56.5	47.0	70.6
99	61.2	49.0	73.4

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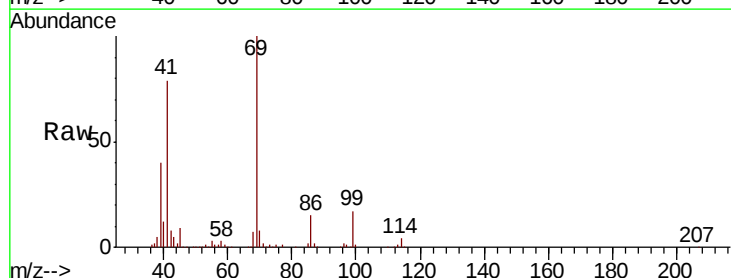


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

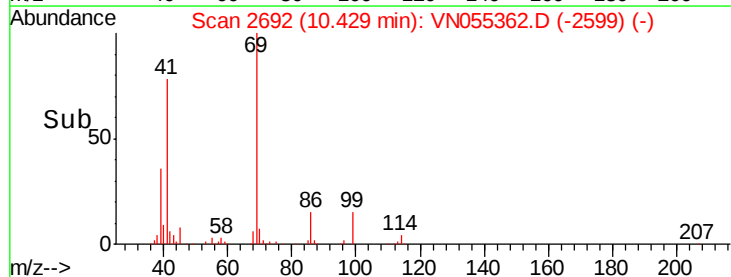
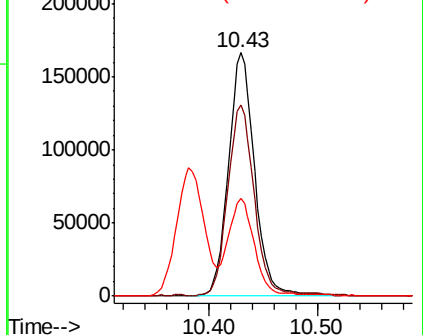


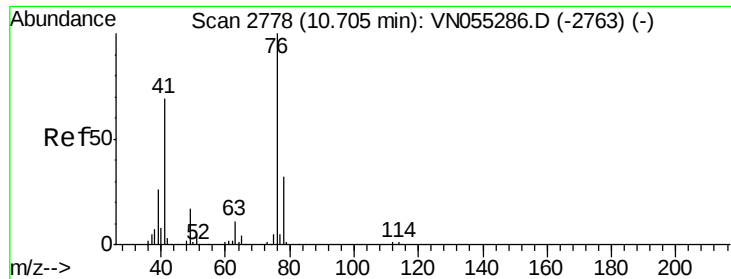
#56
 Ethyl methacrylate
 Concen: 57.600 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion:	69	Resp:	281877
Ion	Ratio	Lower	Upper
69	100		
41	79.5	62.7	94.1
39	40.4	32.0	48.0



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





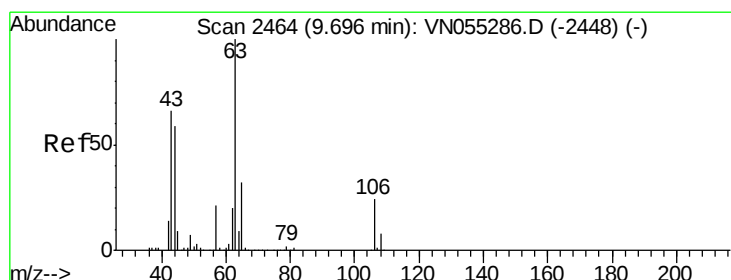
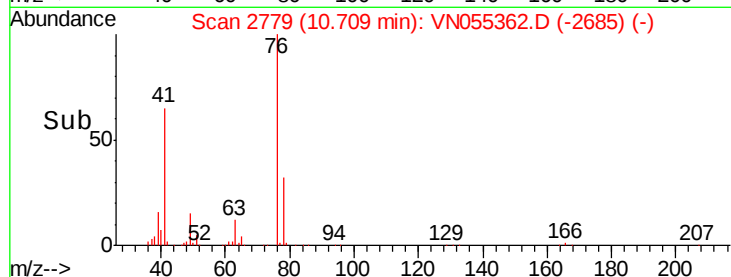
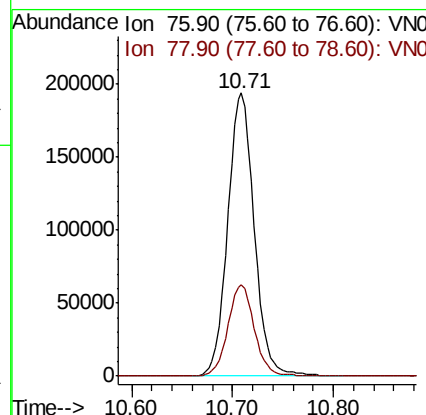
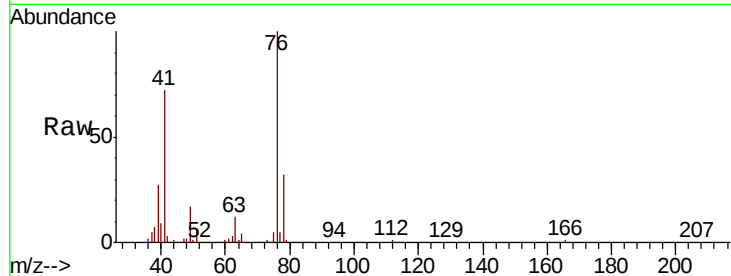
#57
 1,3-Dichloropropane
 Concen: 51.024 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 355883
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4

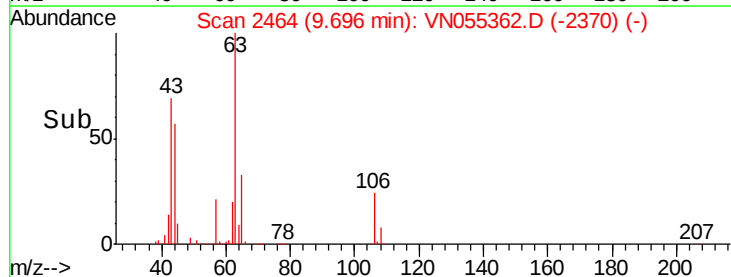
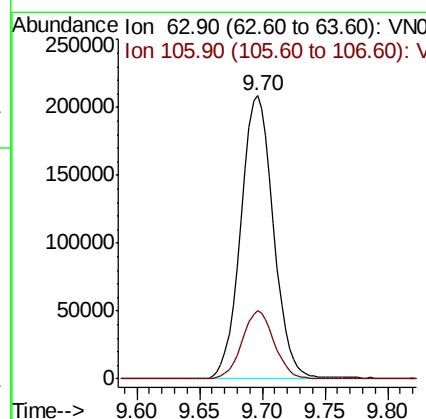
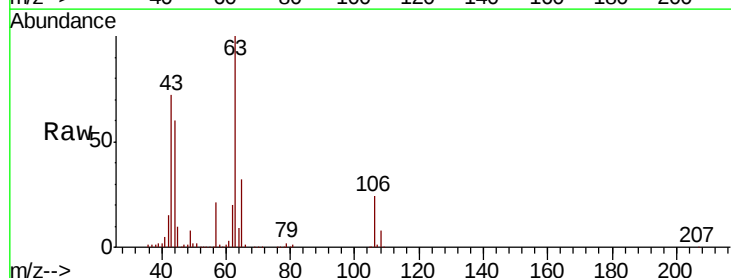
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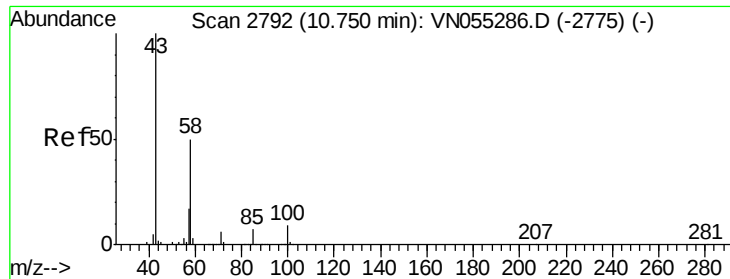
MMDadoda
 5/3/2019 1:08:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.075 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion: 63 Resp: 378208
 Ion Ratio Lower Upper
 63 100
 106 23.8 19.0 28.4





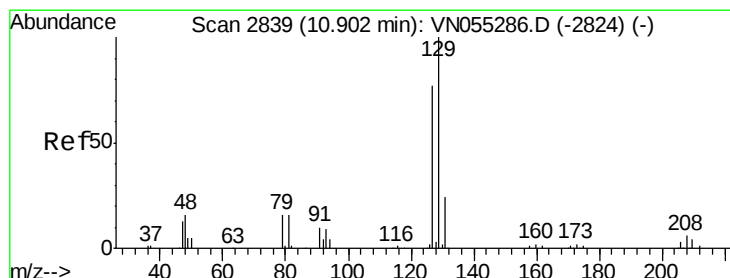
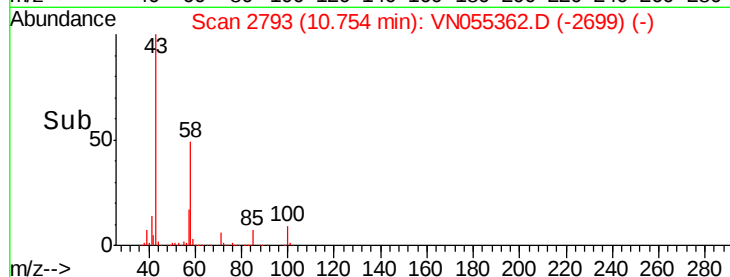
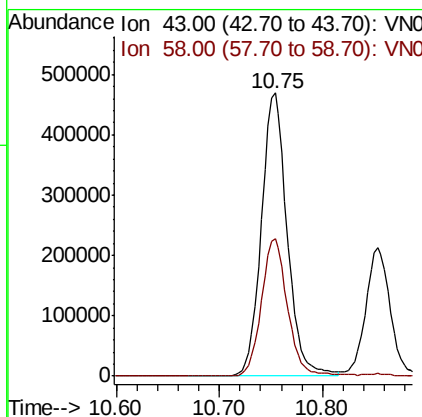
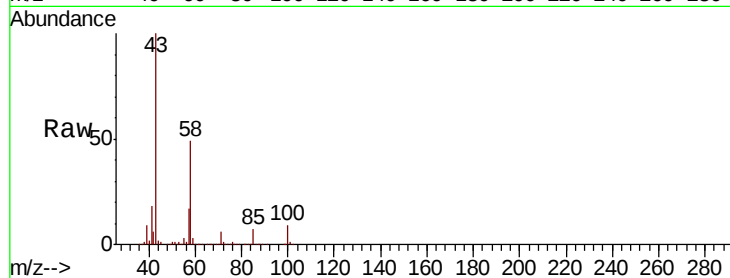
#59
2-Hexanone
Concen: 295.046 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 810339
Ion Ratio Lower Upper
43 100
58 49.4 24.9 74.6

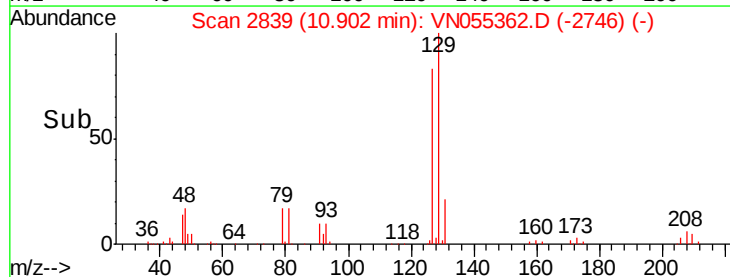
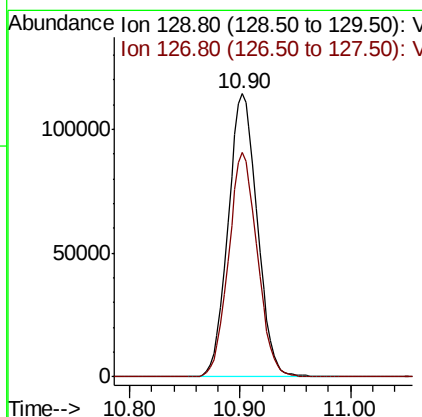
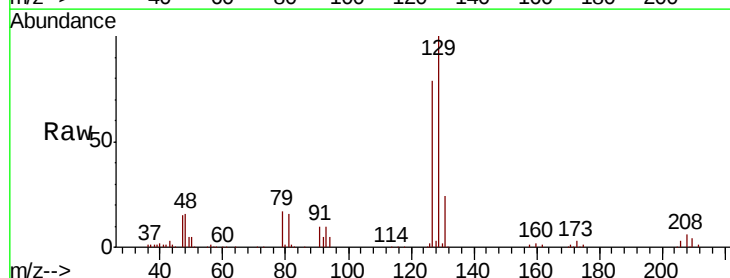
Manual Integrations
APPROVED

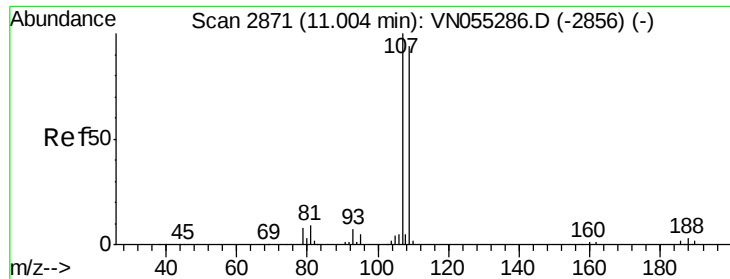
MMDadoda
5/3/2019 1:08:00 PM



#60
Dibromochloromethane
Concen: 51.685 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion: 129 Resp: 210022
Ion Ratio Lower Upper
129 100
127 78.1 38.1 114.5





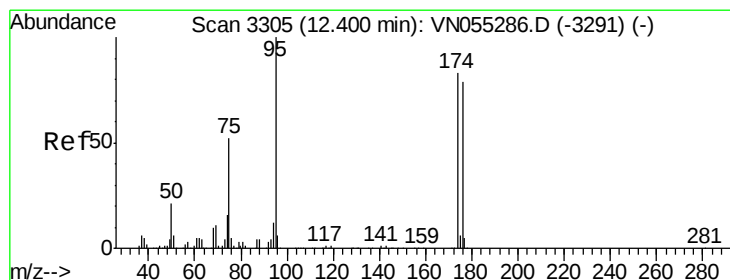
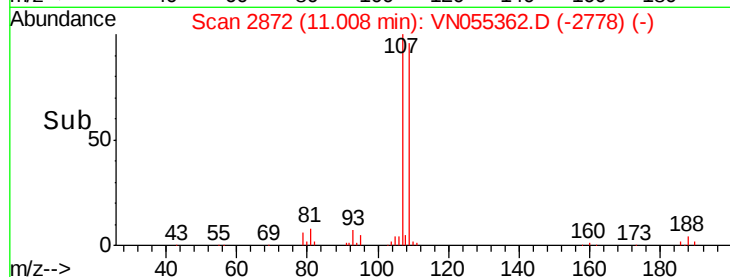
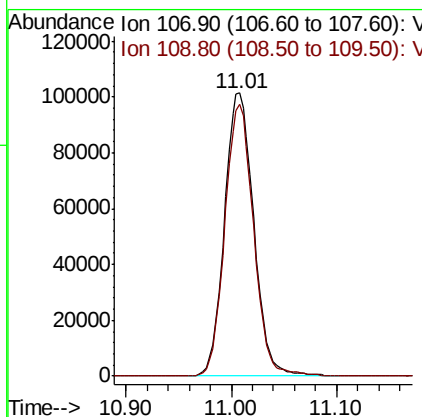
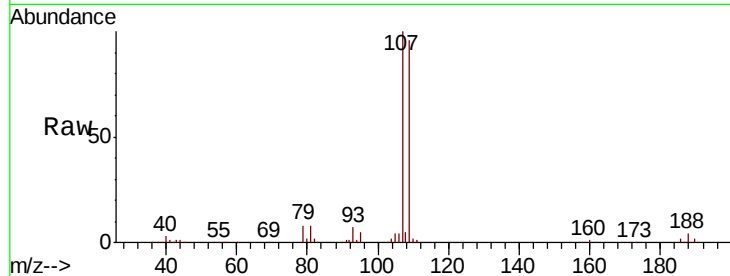
#61
 1,2-Dibromoethane
 Concen: 52.869 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 194285
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6

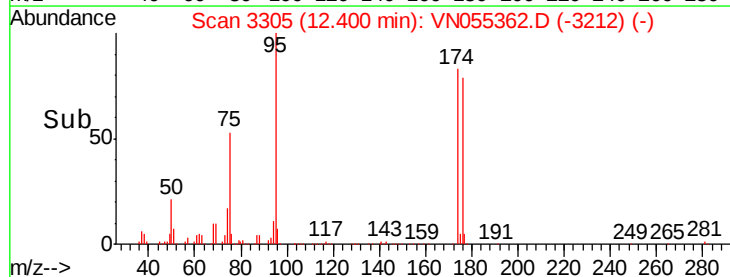
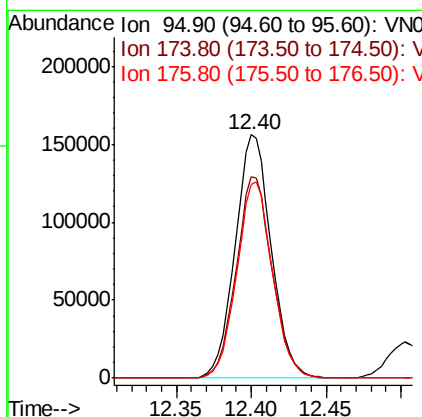
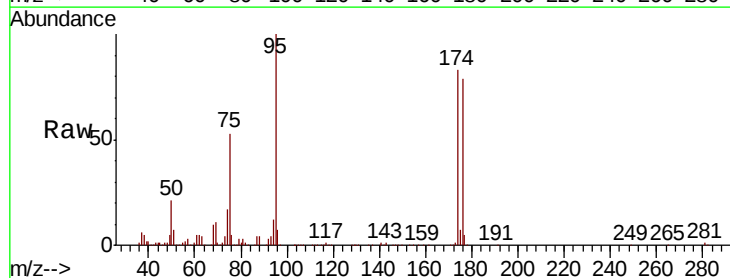
Manual Integrations
 APPROVED

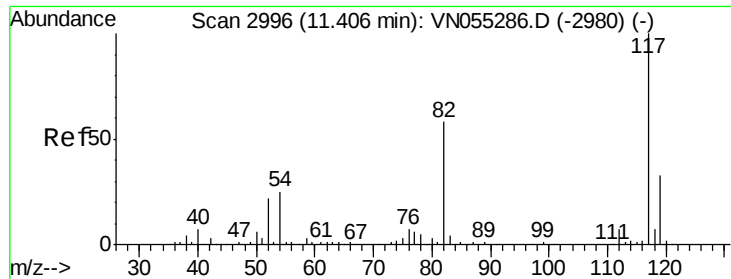
MMDadoda
 5/3/2019 1:08:00 PM



#62
 4-Bromofluorobenzene
 Concen: 53.371 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion: 95 Resp: 261262
 Ion Ratio Lower Upper
 95 100
 174 82.5 0.0 166.6
 176 79.9 0.0 157.8





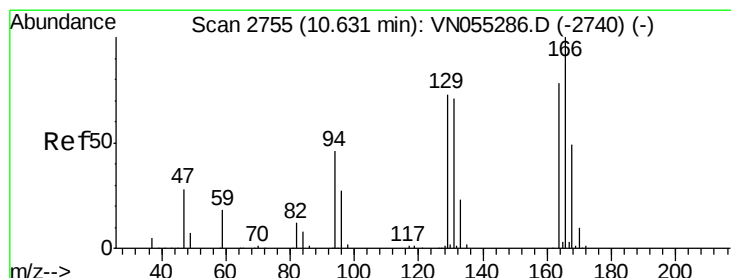
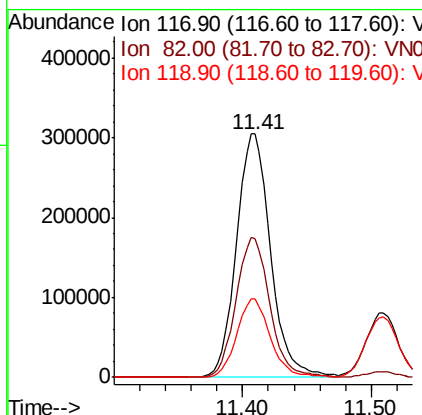
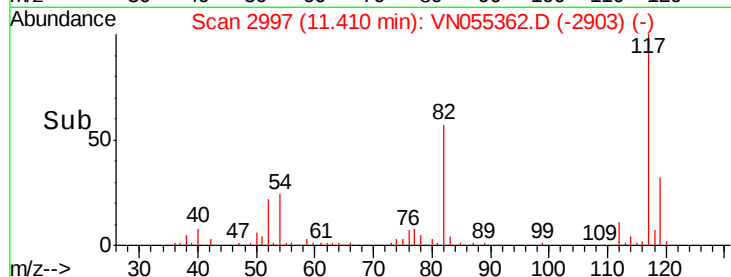
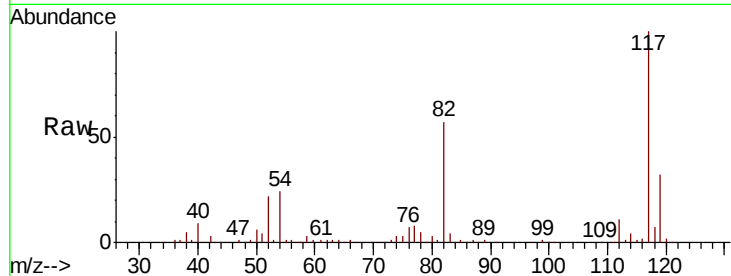
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	560978		
82	57.2	46.2	69.4	
119	32.1	26.6	40.0	

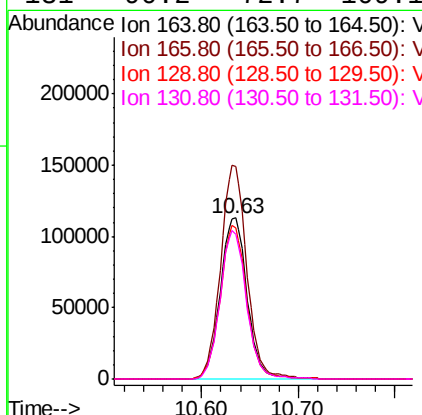
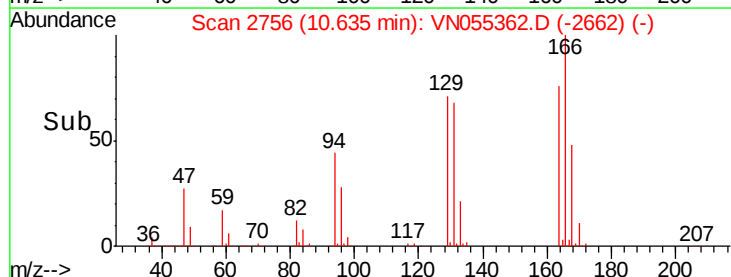
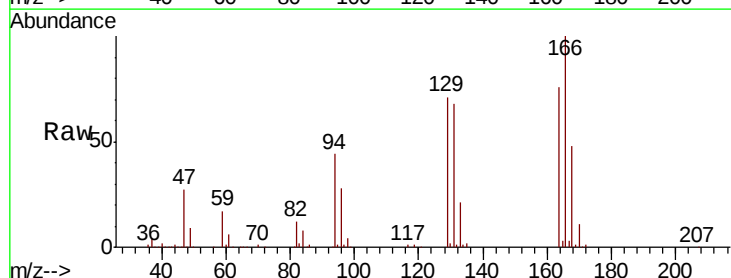
Manual Integrations
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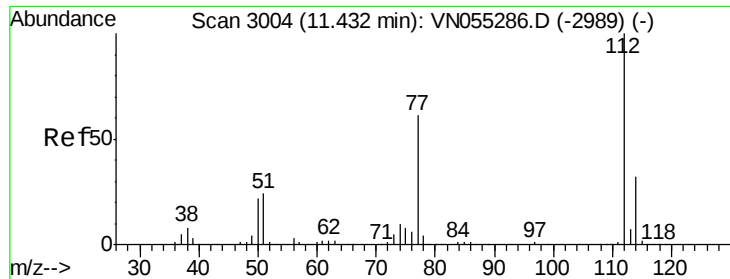
MMDadoda
5/3/2019 1:08:00 PM



#64
Tetrachloroethene
Concen: 47.522 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	218007		
166	132.1	102.3	153.5	
129	93.9	75.0	112.6	
131	90.2	72.7	109.1	





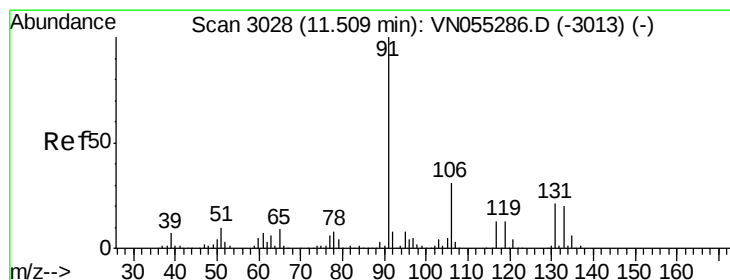
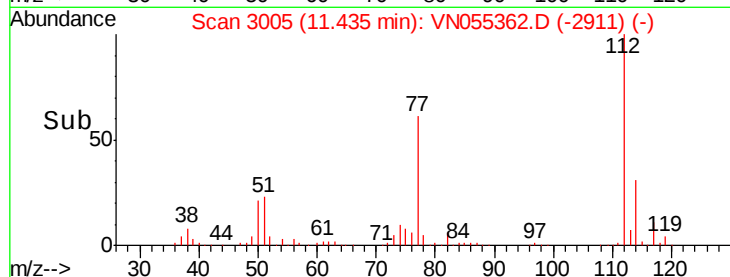
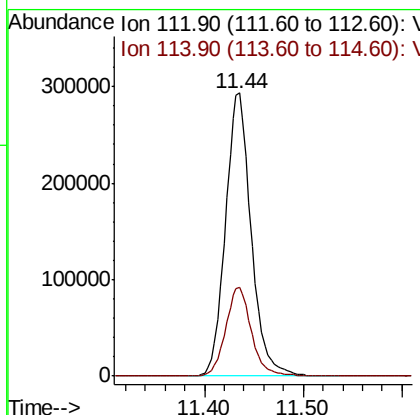
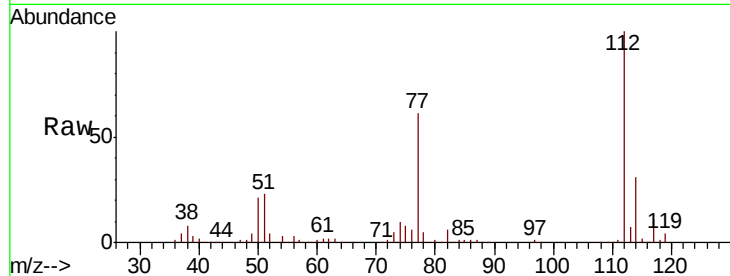
#65
Chlorobenzene
Concen: 48.696 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 534088
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9

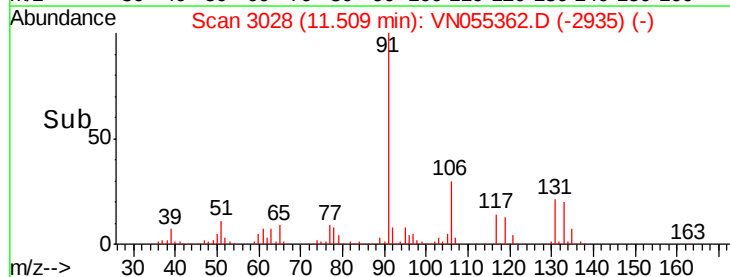
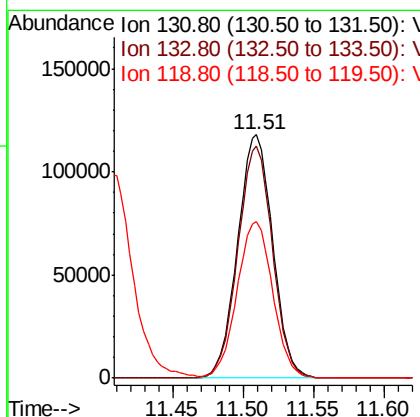
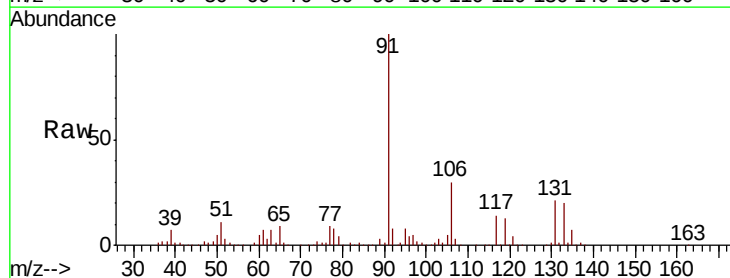
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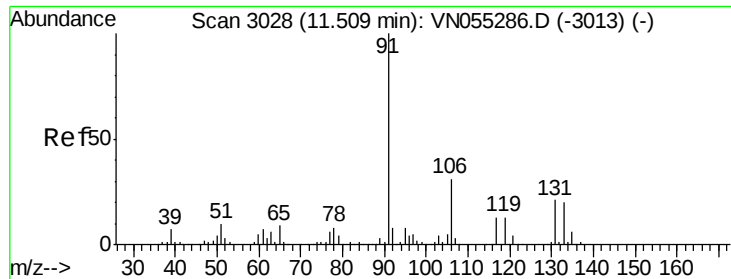
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.969 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion:131 Resp: 206011
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 65.4 32.7 98.1





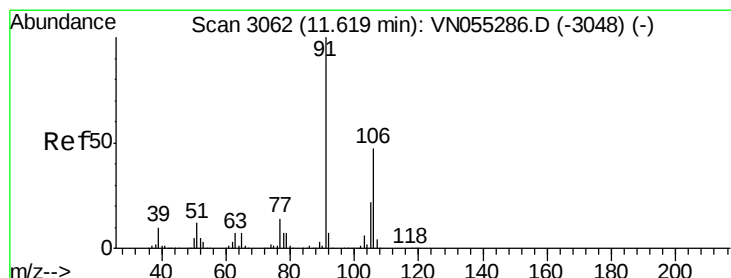
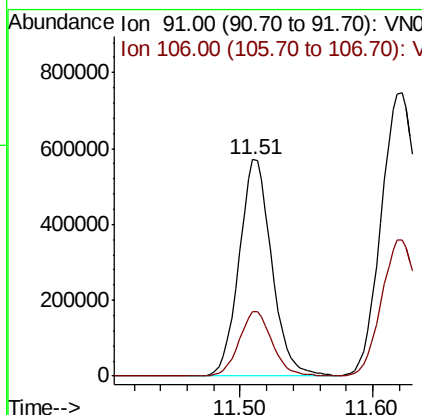
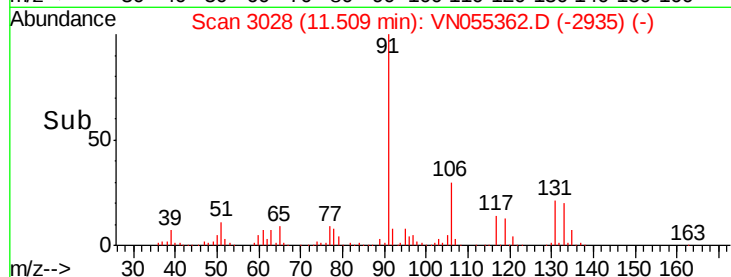
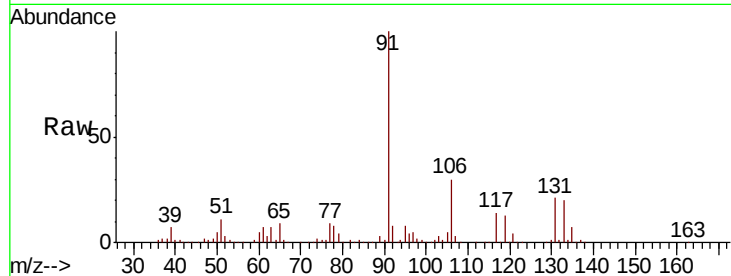
#67
Ethyl Benzene
Concen: 49.240 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 975235
Ion Ratio Lower Upper
91 100
106 29.6 24.6 36.8

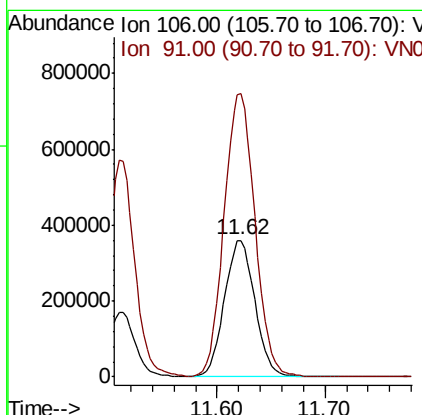
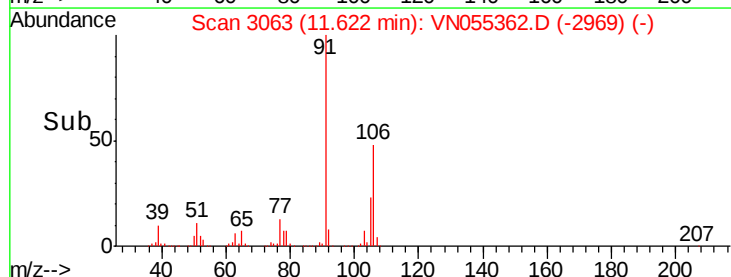
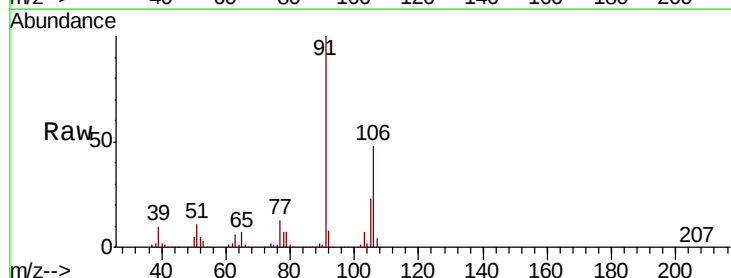
Manual Integrations
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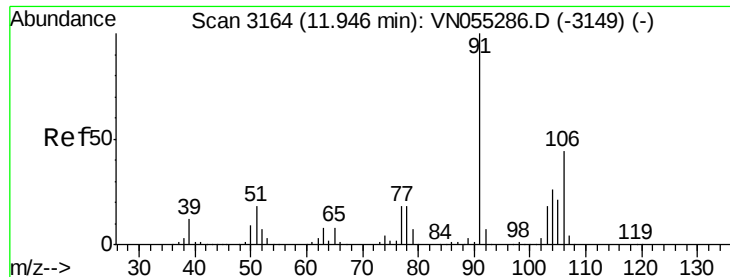
MMDadoda
5/3/2019 1:08:00 PM



#68
m/p-Xylenes
Concen: 100.489 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion: 106 Resp: 710410
Ion Ratio Lower Upper
106 100
91 209.8 169.5 254.3





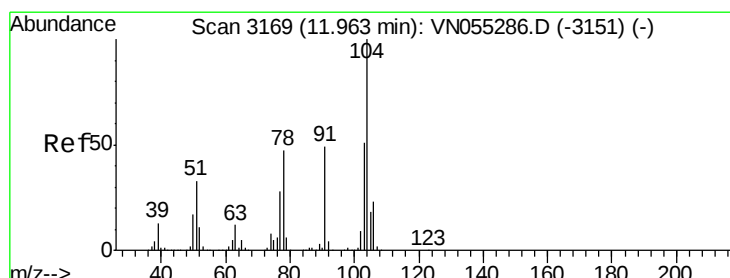
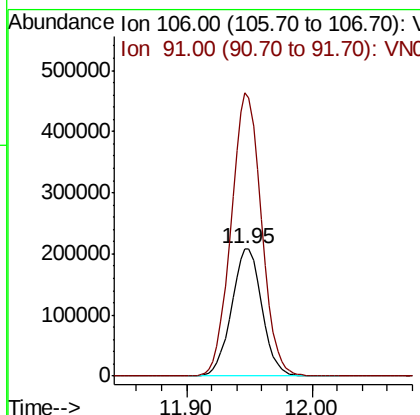
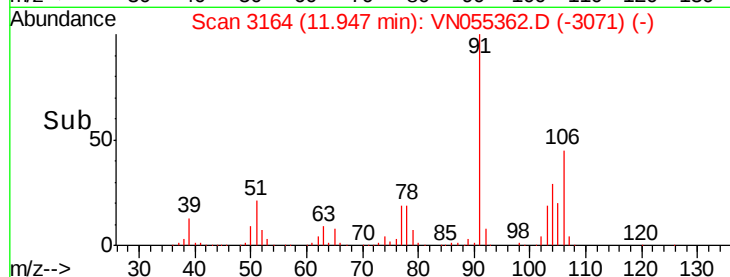
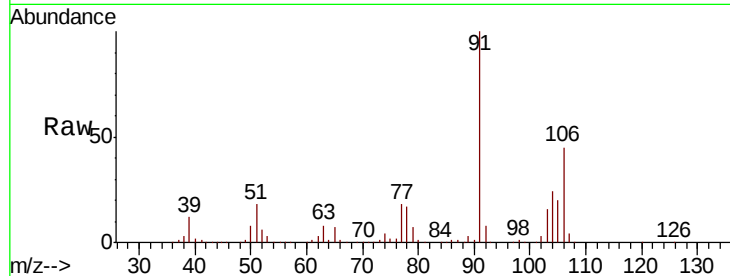
#69
o-Xylene
Concen: 49.955 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 350042
Ion Ratio Lower Upper
106 100
91 222.6 111.5 334.5

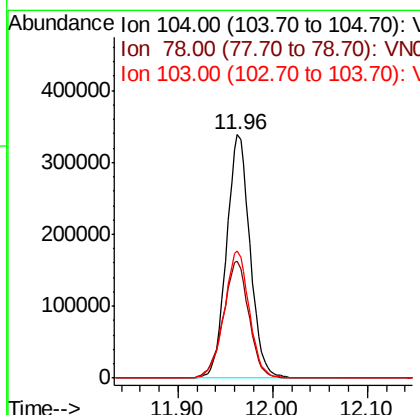
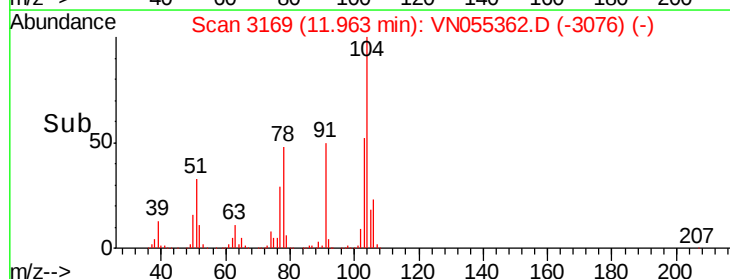
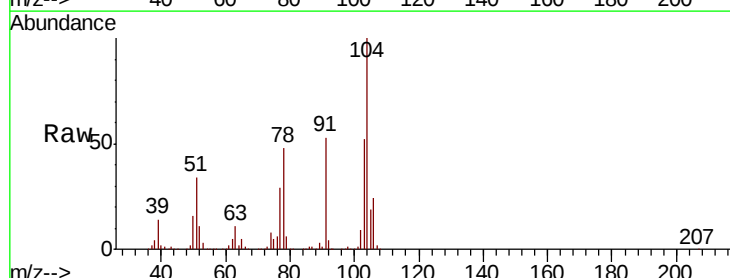
Manual Integrations
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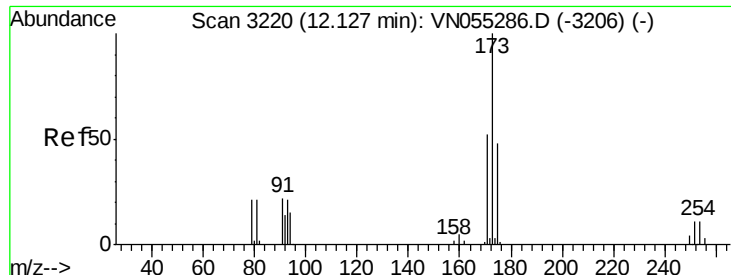
MMDadoda
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#70
Styrene
Concen: 54.307 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion:104 Resp: 584280
Ion Ratio Lower Upper
104 100
78 52.2 42.2 63.2
103 55.8 44.6 67.0





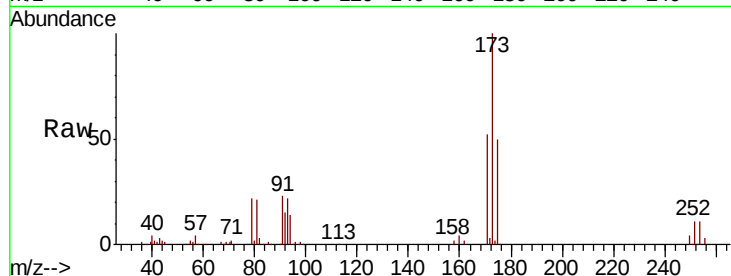
#71
Bromoform
Concen: 55.843 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.6	71.0
254	0.0	0.0	0.0

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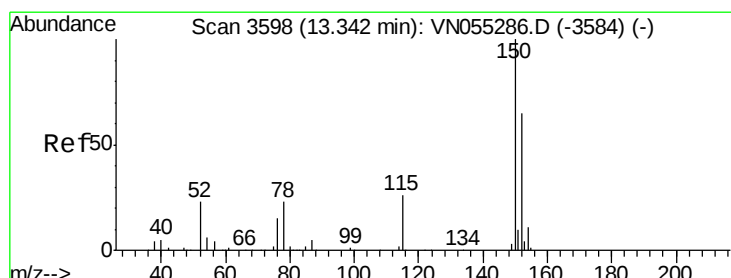
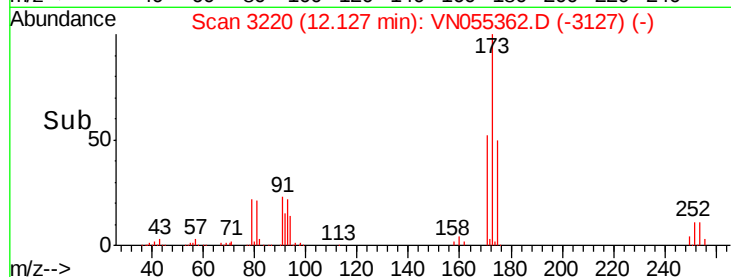
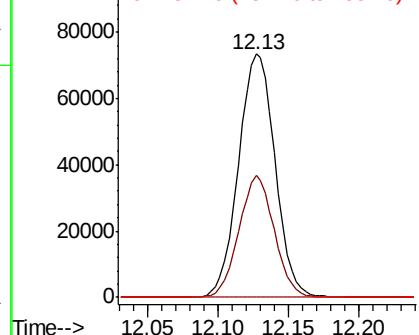


Abundance

Ion 172.70 (172.40 to 173.40): V

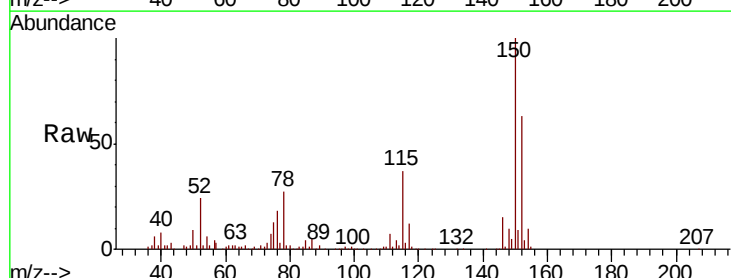
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.0	87.0
150	170.9	0.0	345.6

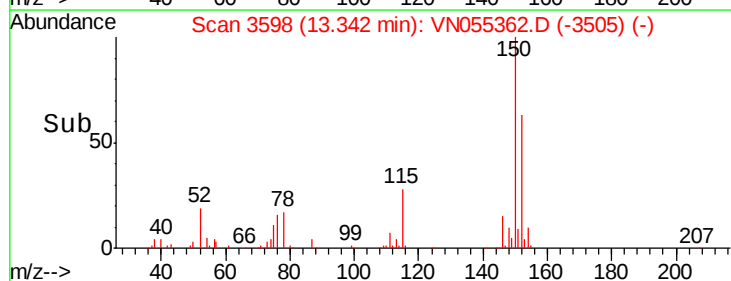
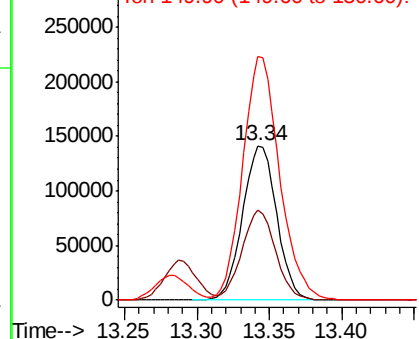


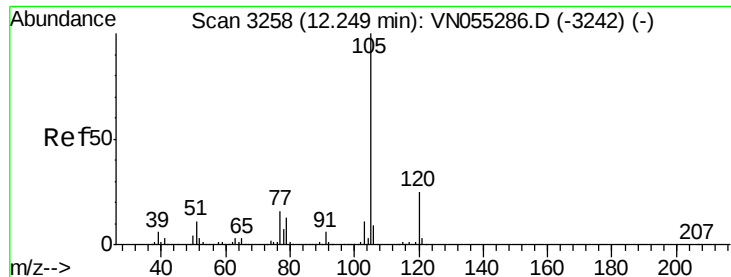
Abundance

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: 51.253 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 940552

Ion Ratio Lower Upper

105 100

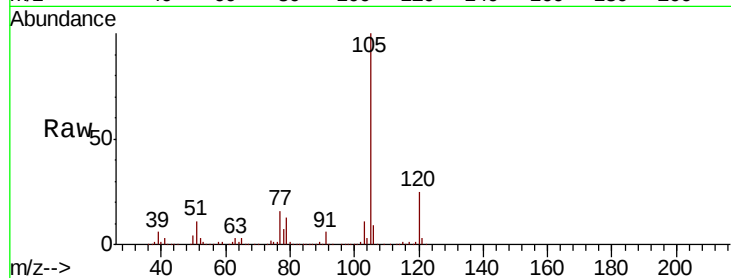
120 25.5 12.9 38.7

Manual Integrations

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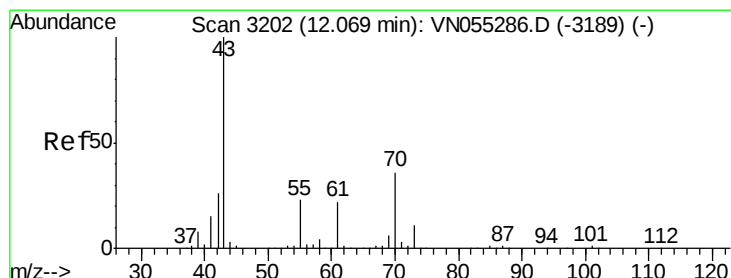
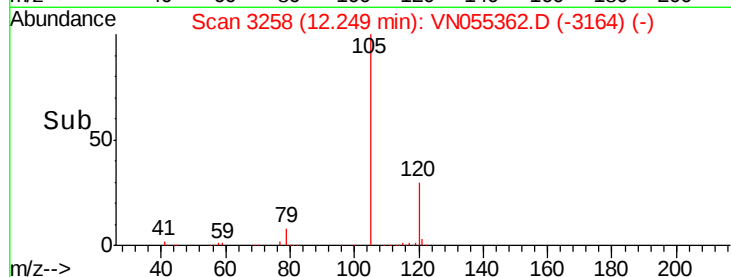
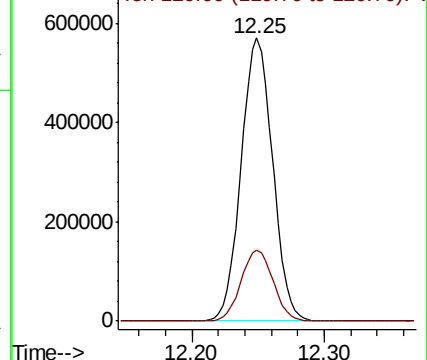
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.226 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Tgt Ion: 43 Resp: 351096

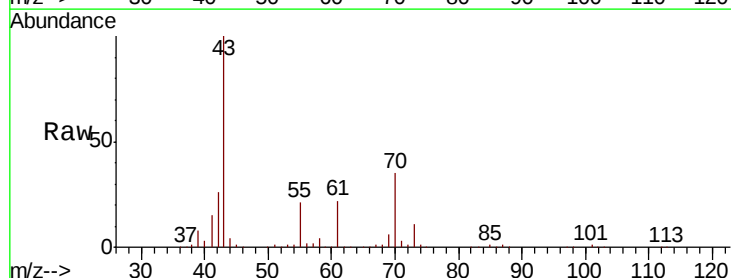
Ion Ratio Lower Upper

43 100

70 35.0 27.9 41.9

55 22.0 18.2 27.2

61 20.8 16.9 25.3

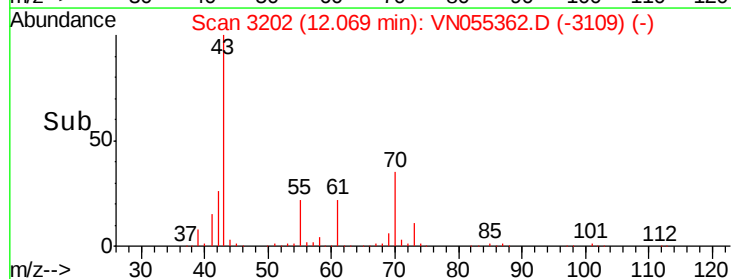
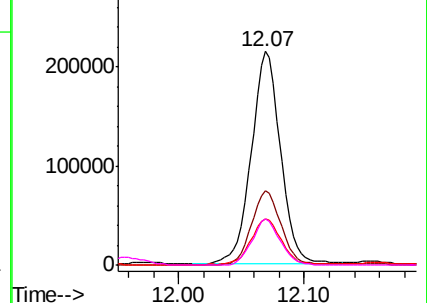


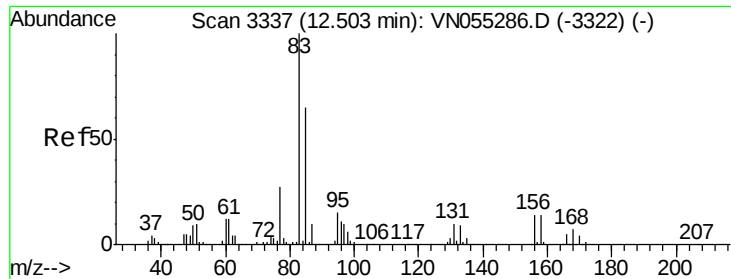
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 54.777 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

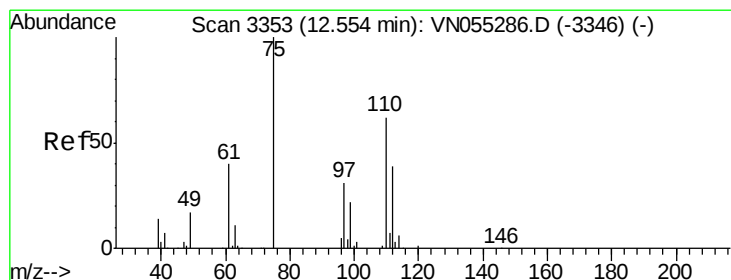
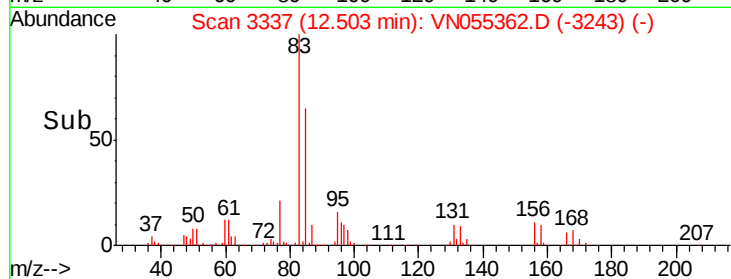
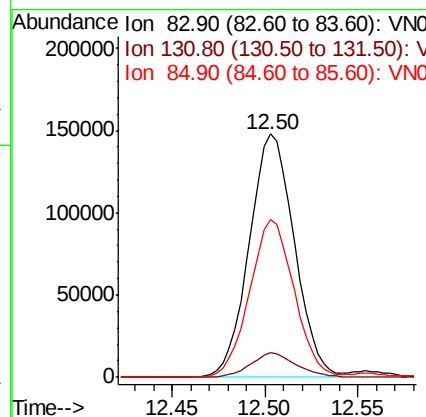
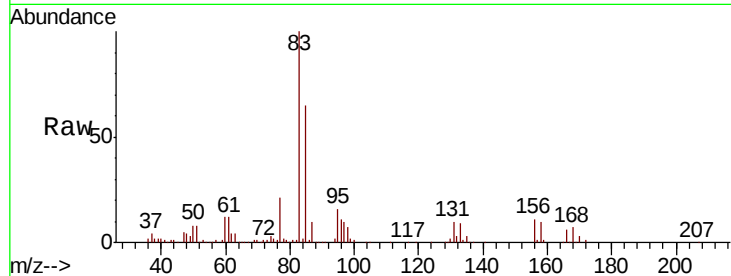
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	249309
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	63.5	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 49.077 ug/l m

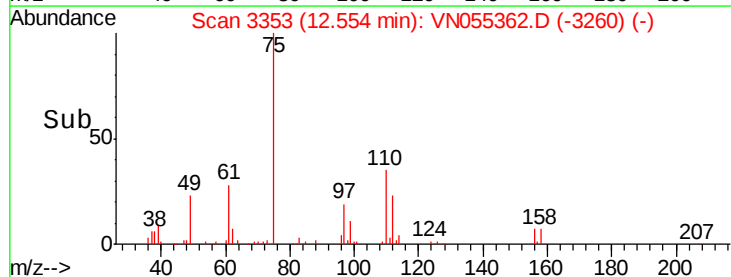
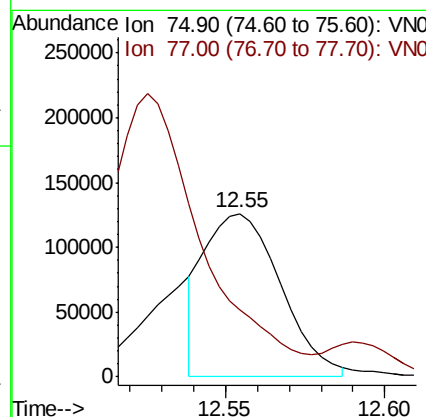
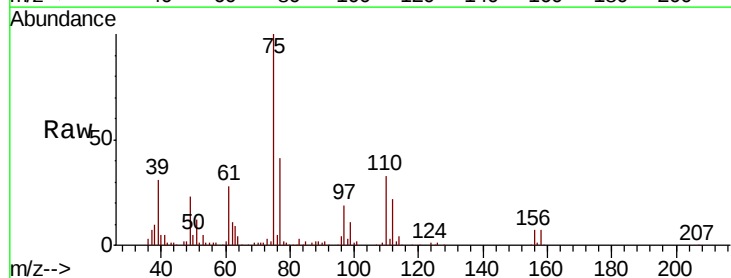
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Tgt Ion:	75	Resp:	210915
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.062 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

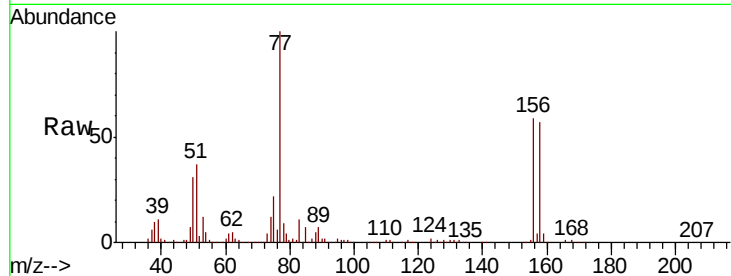
ClientSampleId :

VSTDCCC050

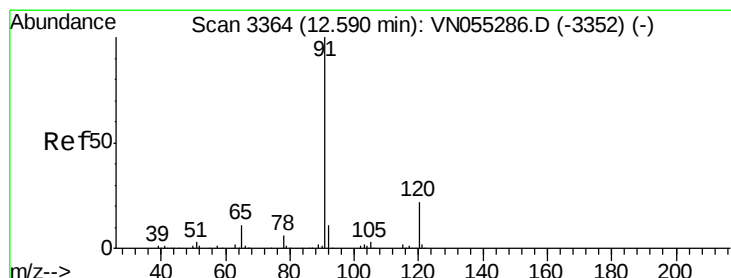
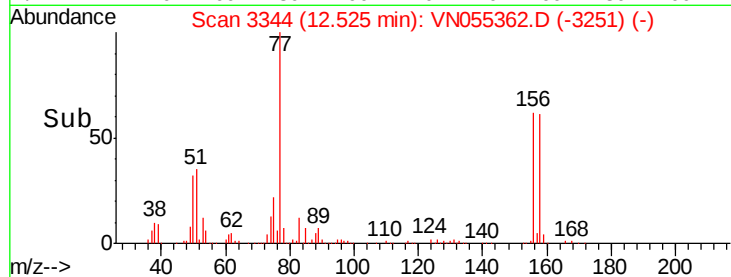
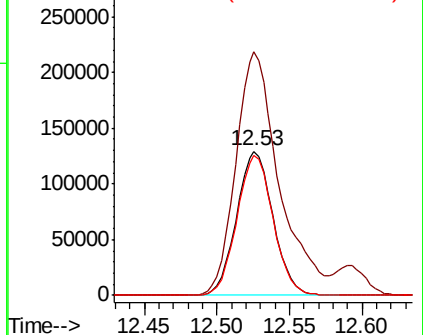
Tgt Ion:	156	Resp:	224794
Ion Ratio	Lower	Upper	
156	100		
77	202.3	99.6	298.8
158	96.9	49.3	147.8

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.782 ug/l

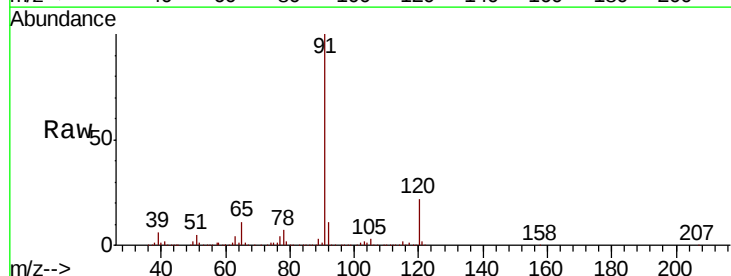
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

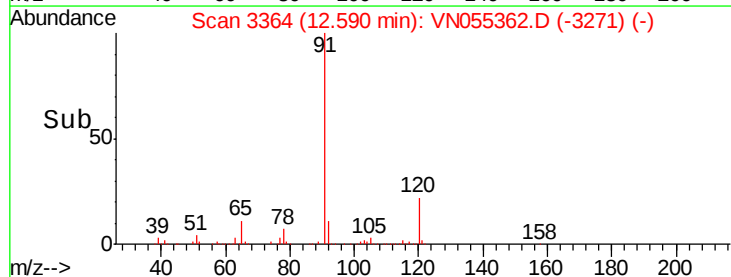
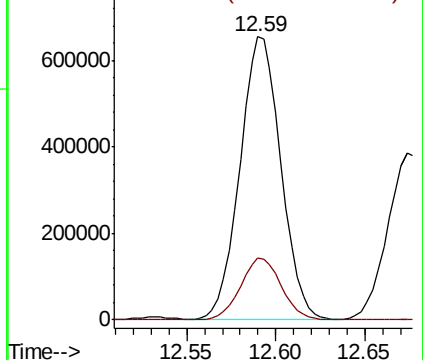
Lab File: VN055362.D

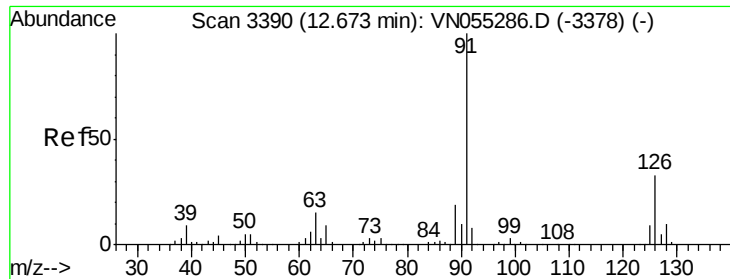
Acq: 2 May 2019 20:56

Tgt Ion:	91	Resp:	1038835
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





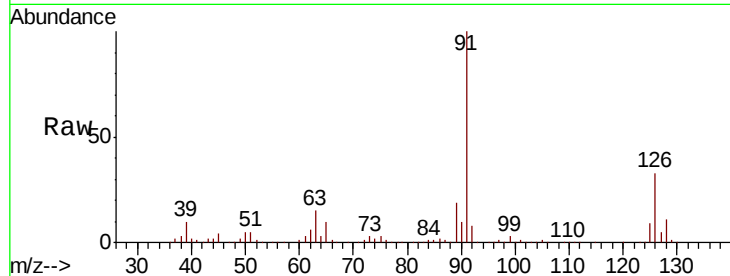
#79
 2-Chlorotoluene
 Concen: 50.896 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

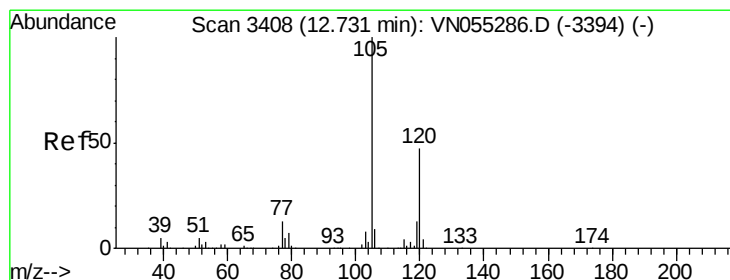
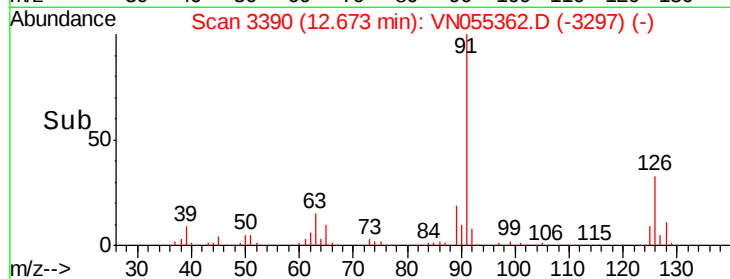
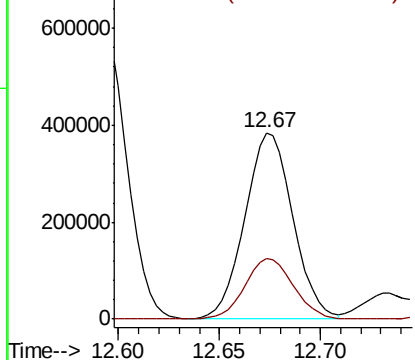
Tgt Ion: 91 Resp: 636550
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.7

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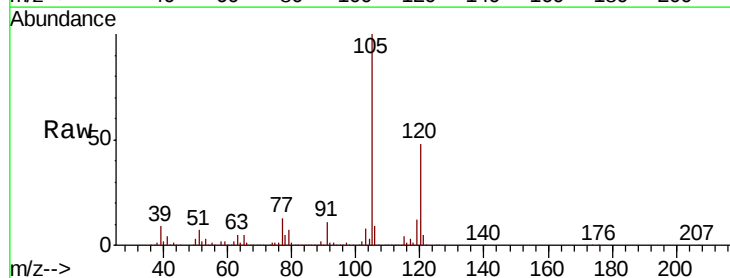


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN055286.D (-3378) (-)

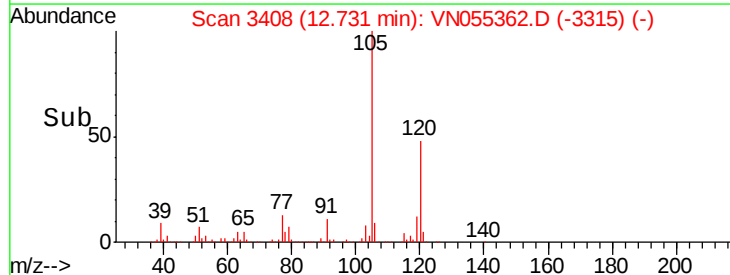
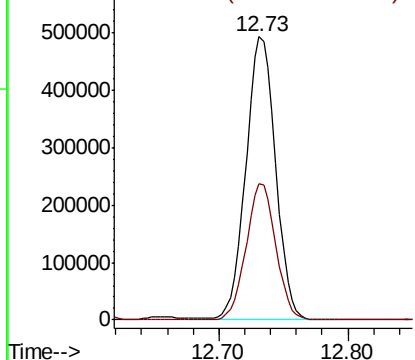


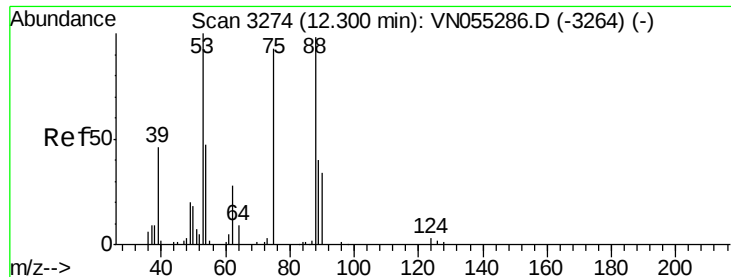
#80
 1,3,5-Trimethylbenzene
 Concen: 43.879 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion: 105 Resp: 794607
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN055286.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.019 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

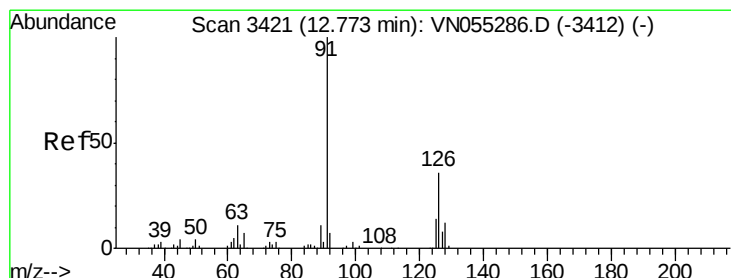
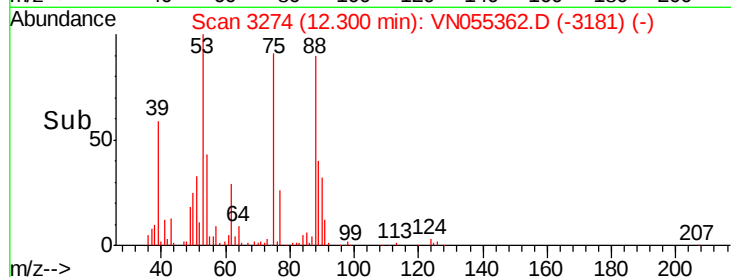
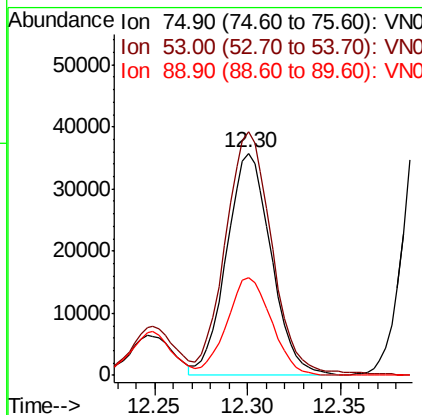
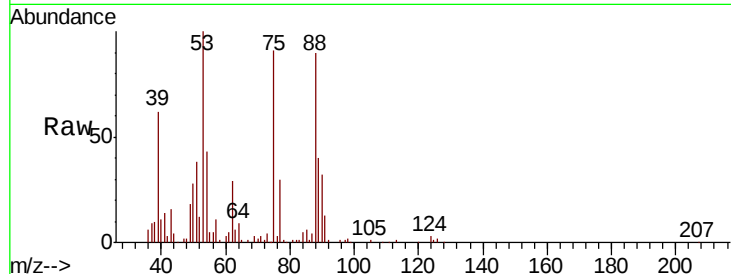
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	59749
Ion	Ratio	Lower	Upper
75	100		
53	114.3	86.3	129.5
89	44.0	34.6	51.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 45.011 ug/l

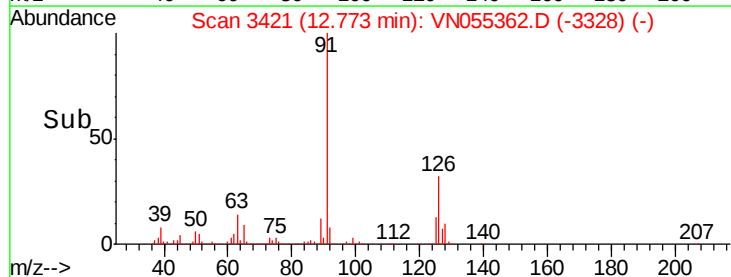
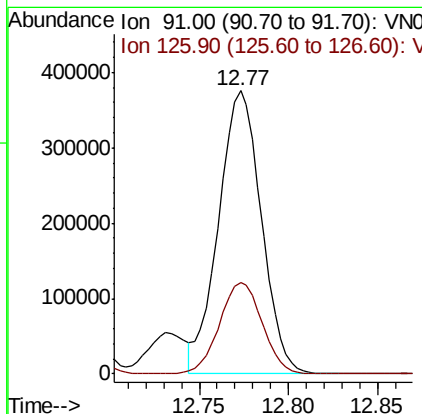
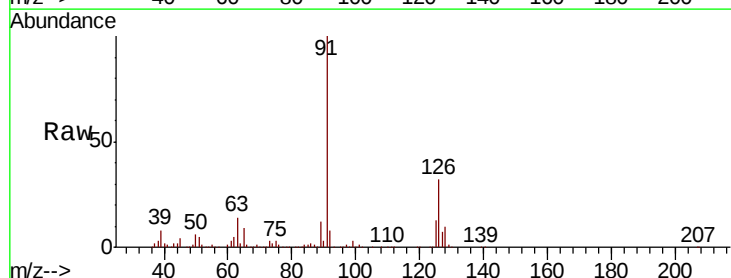
RT: 12.77 min Scan# 3421

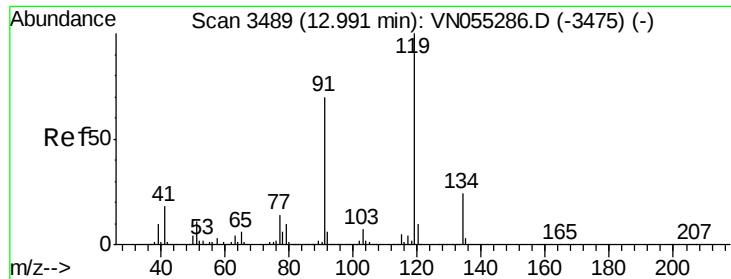
Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Tgt Ion:	91	Resp:	620967
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.6	49.7





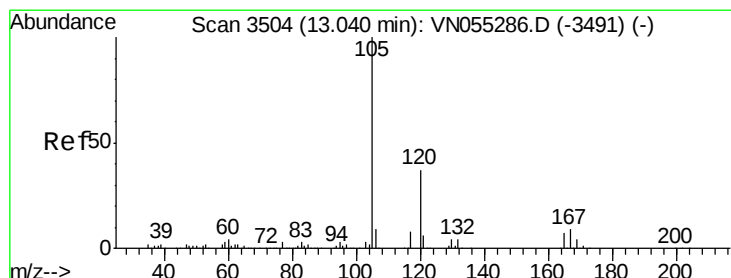
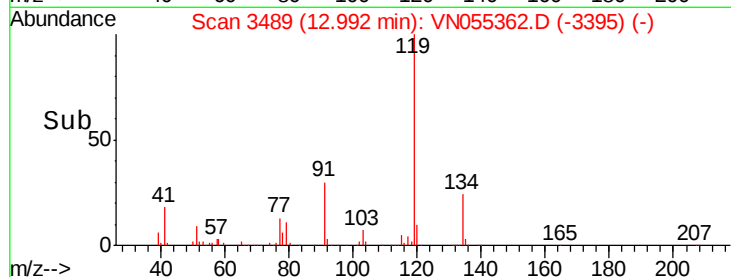
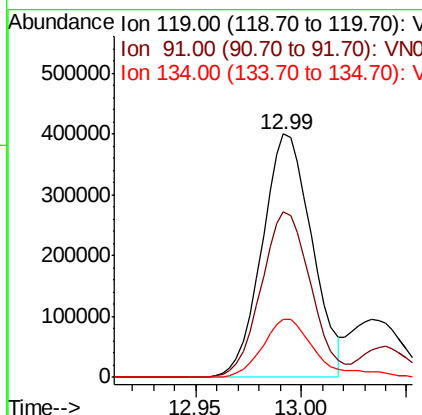
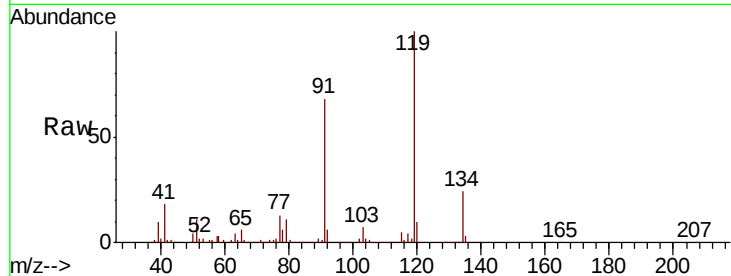
#83
 tert-Butylbenzene
 Concen: 51.386 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.4	34.3	102.9
134	25.6	13.1	39.3

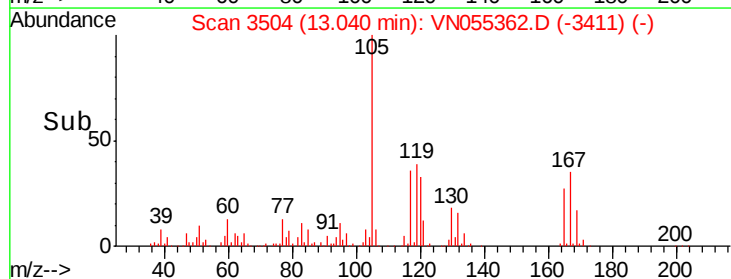
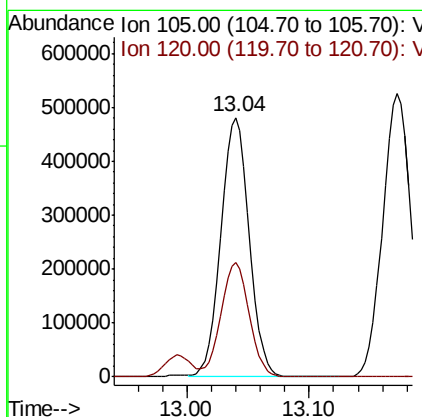
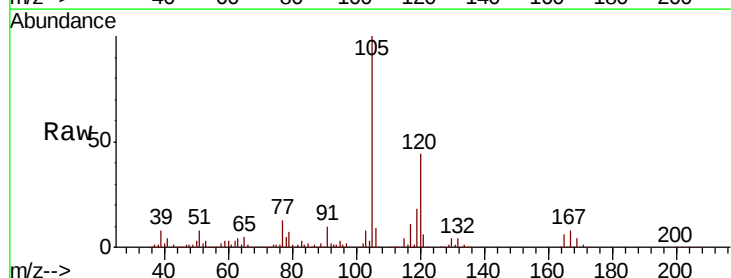
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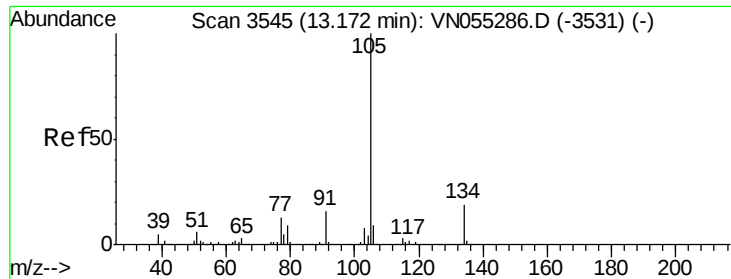
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 5/3/2019 1:08:00 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.410 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.5





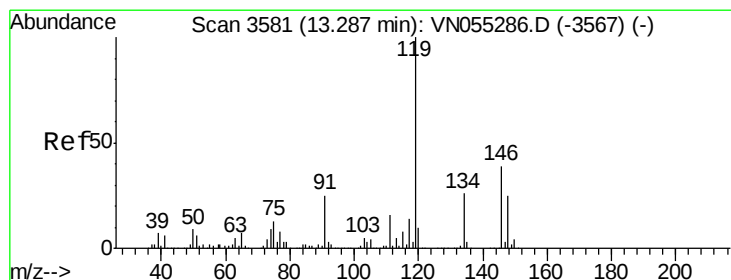
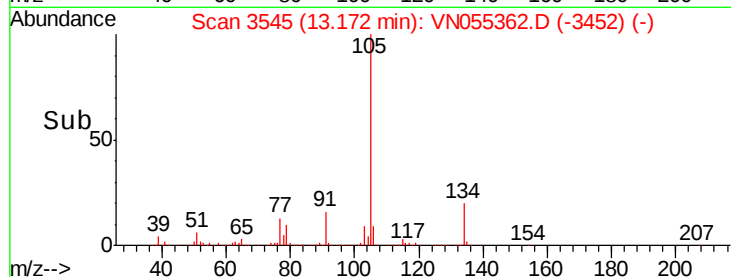
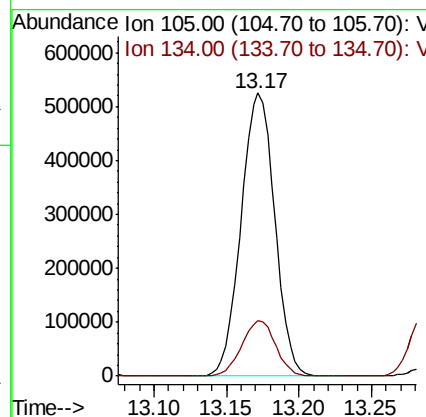
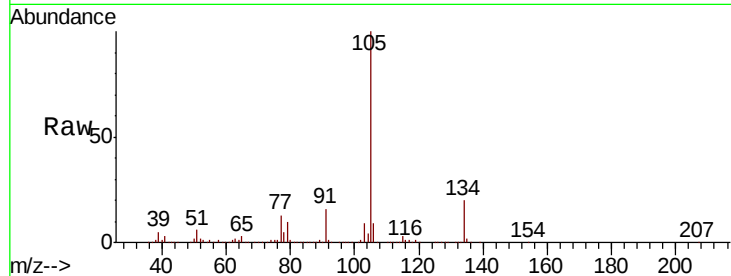
#85
 sec-Butylbenzene
 Concen: 43.029 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.6	28.8

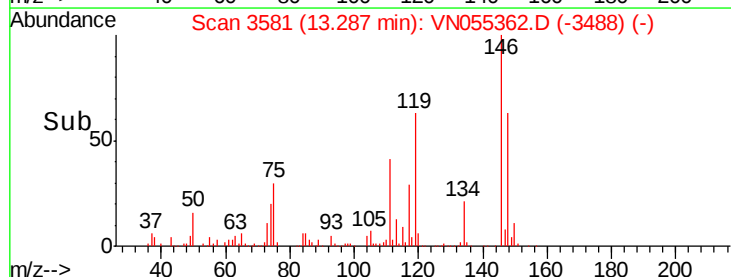
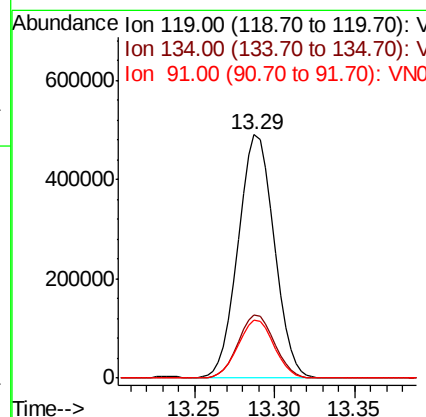
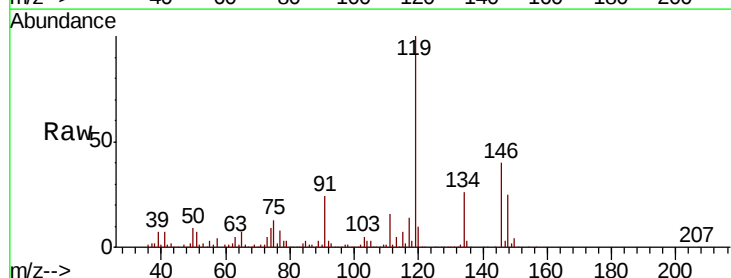
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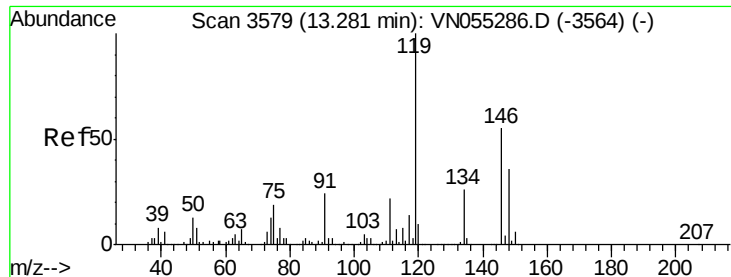
MMDadoda
 5/3/2019 1:08:00 PM



#86
 p-Isopropyltoluene
 Concen: 46.376 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	38.9
91	23.8	12.2	36.6





#87

1,3-Dichlorobenzene

Concen: 47.948 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

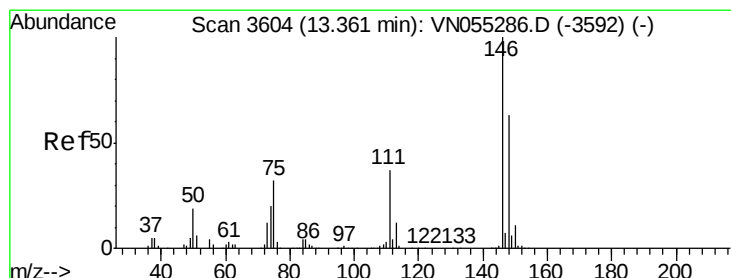
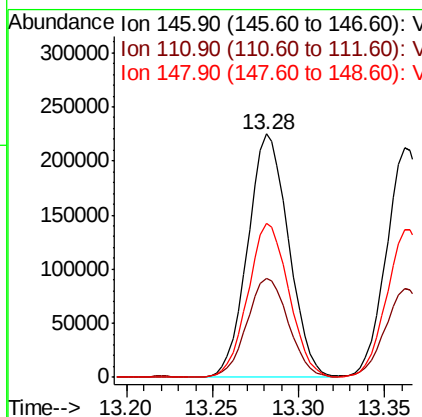
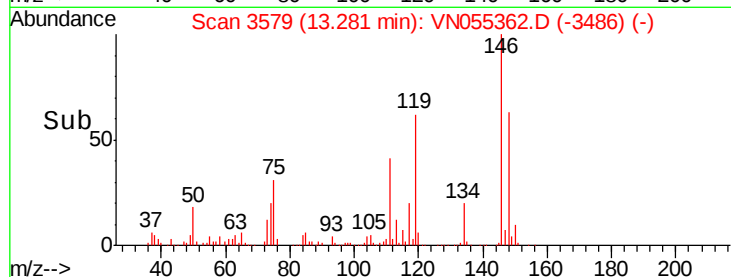
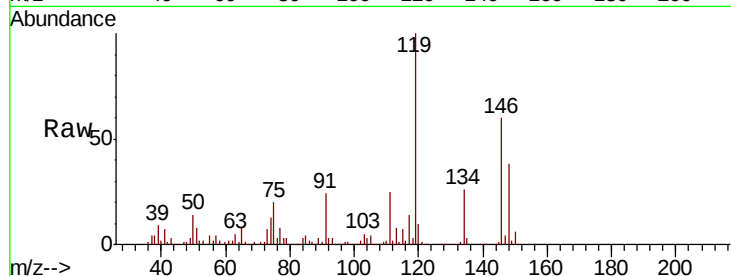
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	370613
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.3	60.8
148	63.2	32.5	97.5

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#88

1,4-Dichlorobenzene

Concen: 48.898 ug/l

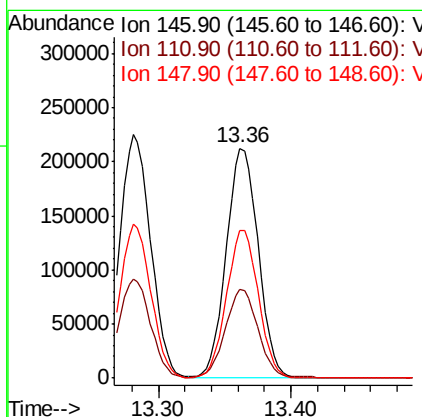
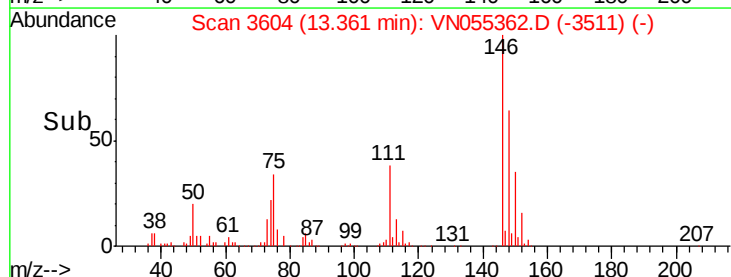
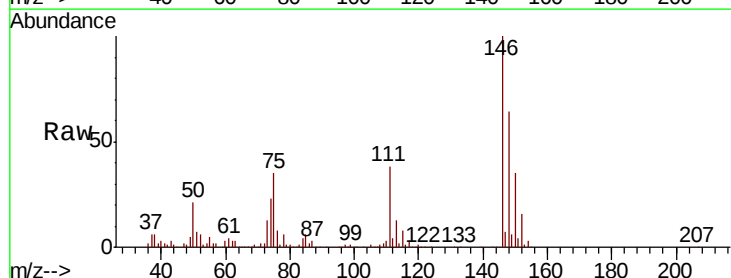
RT: 13.36 min Scan# 3604

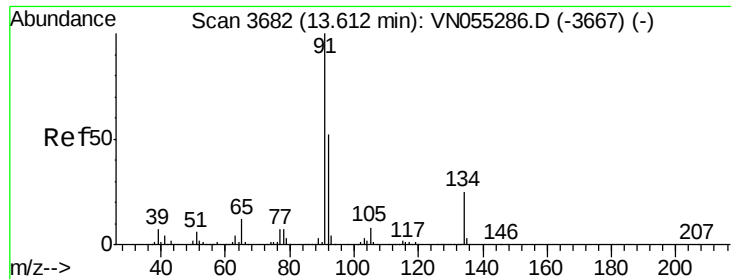
Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Tgt Ion:	146	Resp:	355933
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.5	58.5
148	64.2	32.5	97.4





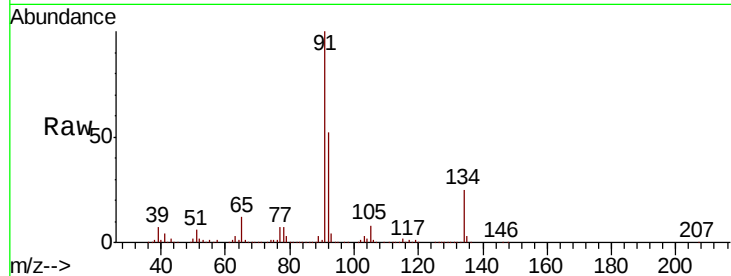
#89
n-Butylbenzene
Concen: 51.322 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.3
134	25.1	12.4	37.4

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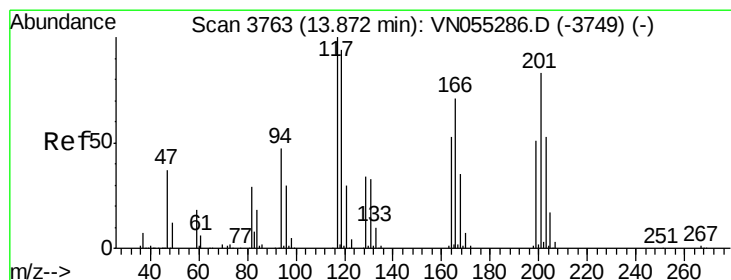
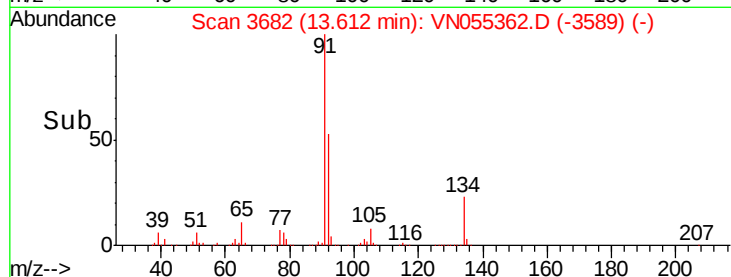
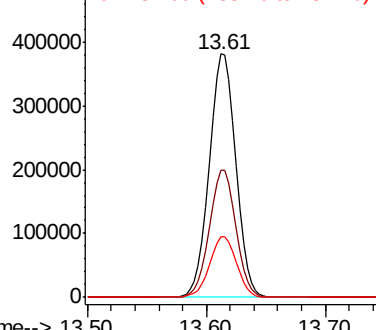


Abundance

Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

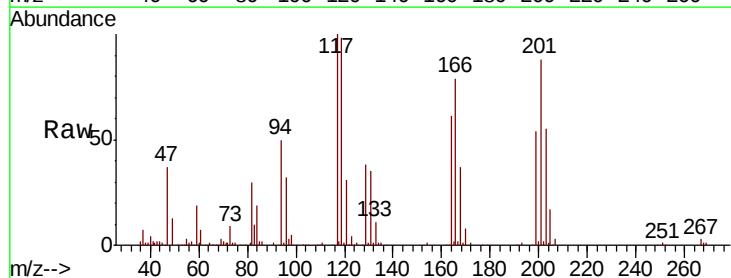
Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)



#90
Hexachloroethane
Concen: 46.736 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055362.D
Acq: 2 May 2019 20:56

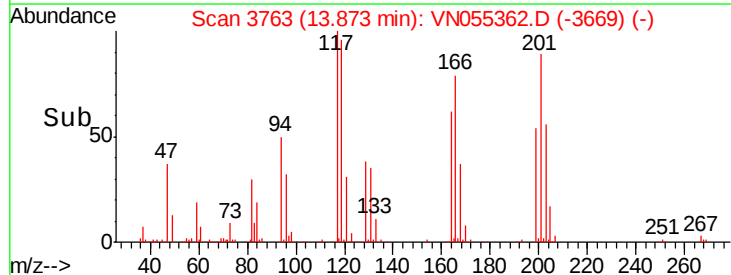
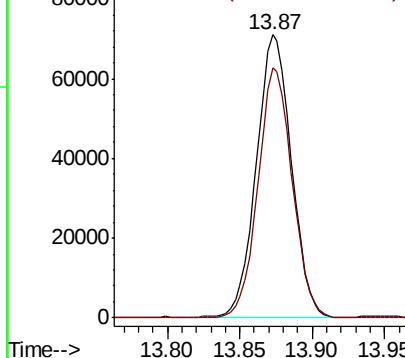
Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	41.9	125.8

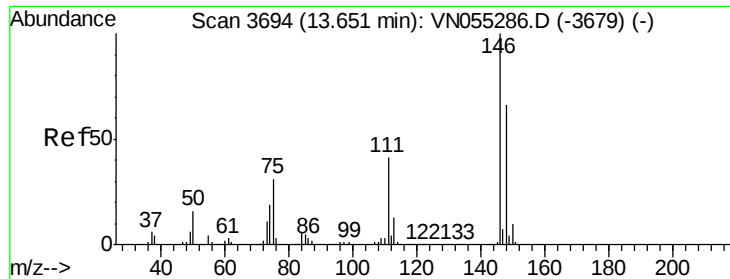


Abundance

Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)





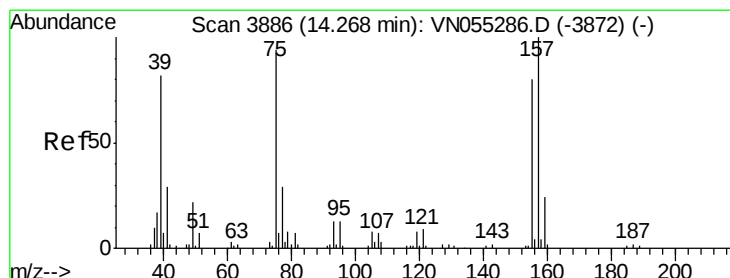
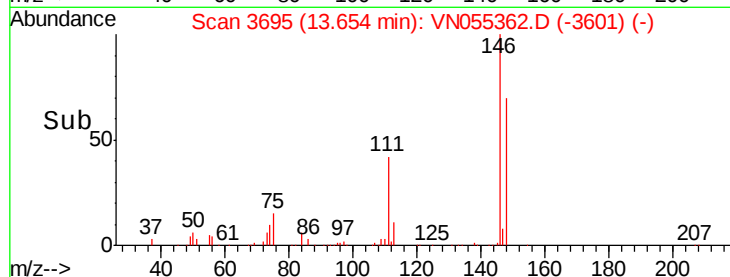
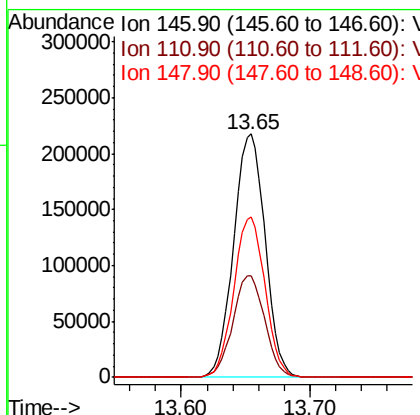
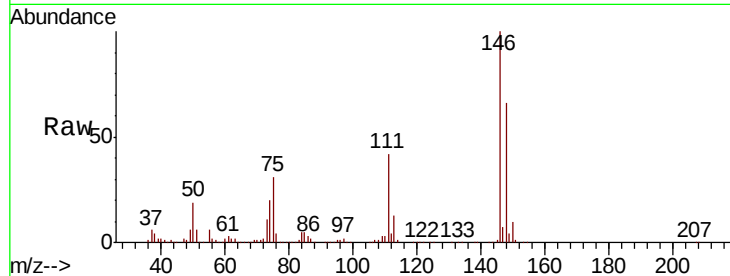
#91
 1,2-Dichlorobenzene
 Concen: 48.230 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	369488		
111	42.2	20.3	61.0	
148	65.2	32.4	97.2	

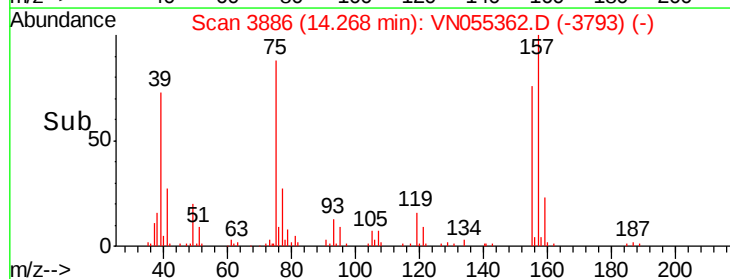
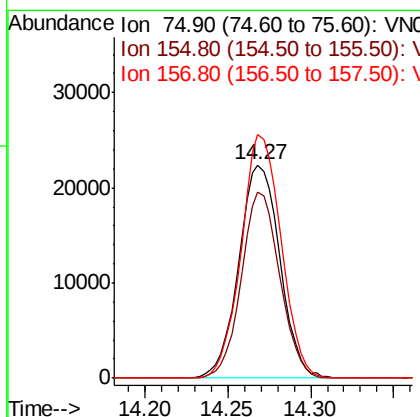
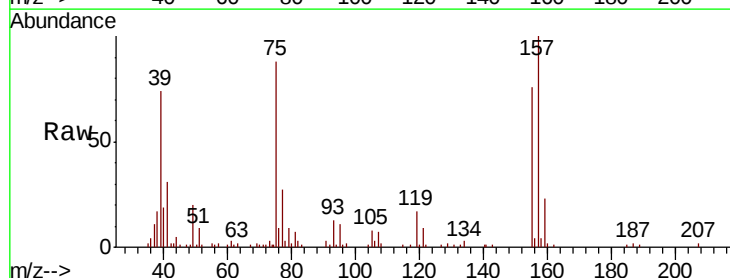
Manual Integrations
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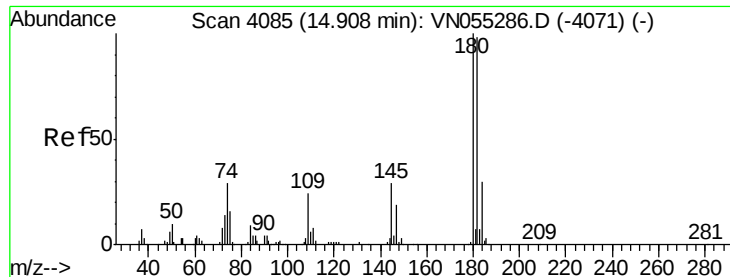
MMDadoda
 5/3/2019 1:08:00 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.403 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38530		
155	81.7	41.5	124.6	
157	111.0	54.0	162.2	





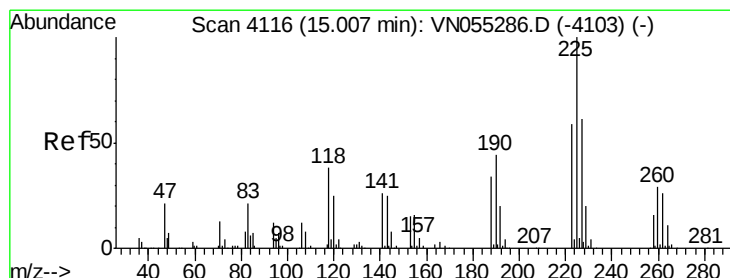
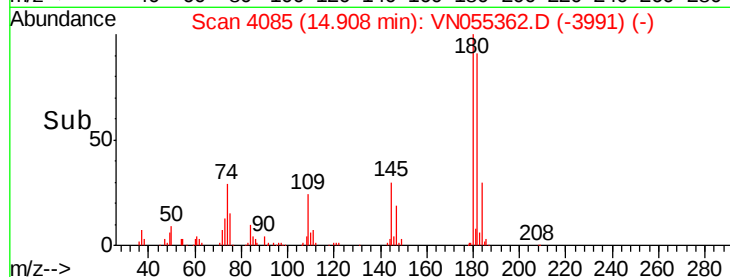
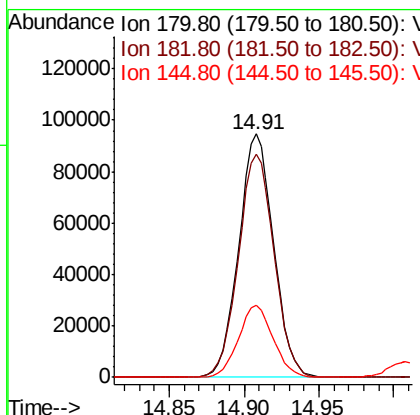
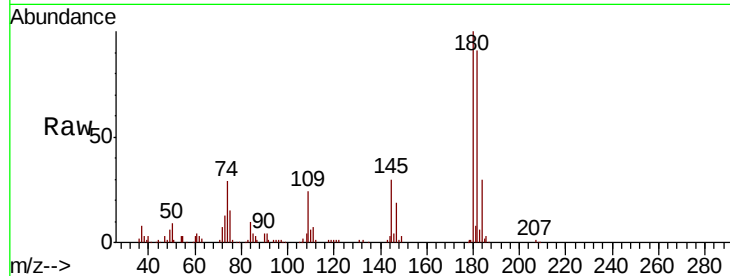
#93
 1,2,4-Trichlorobenzene
 Concen: 50.541 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	152761		
182	94.1	48.3	144.9	
145	29.5	14.2	42.6	

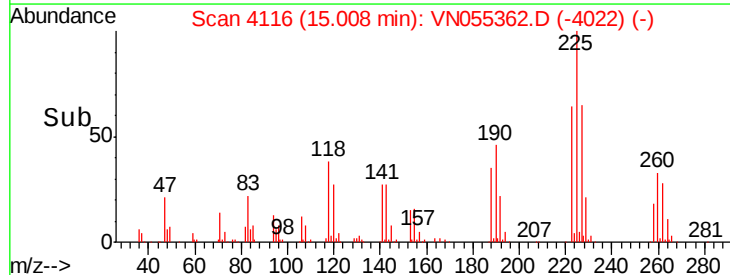
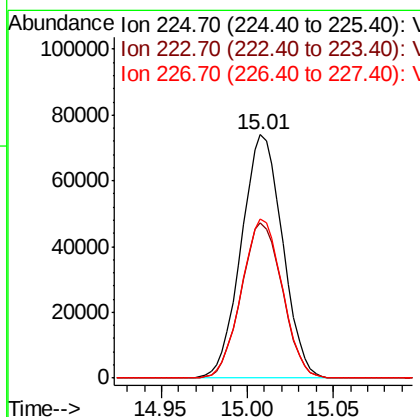
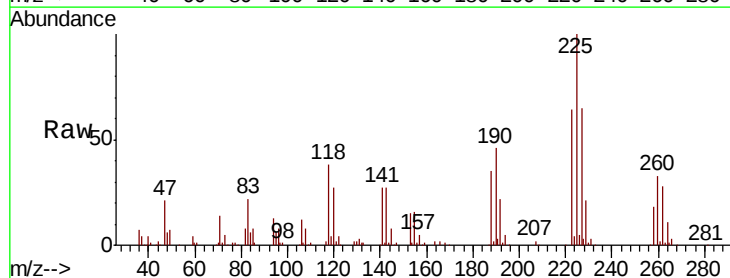
Manual Integrations
 APPROVED

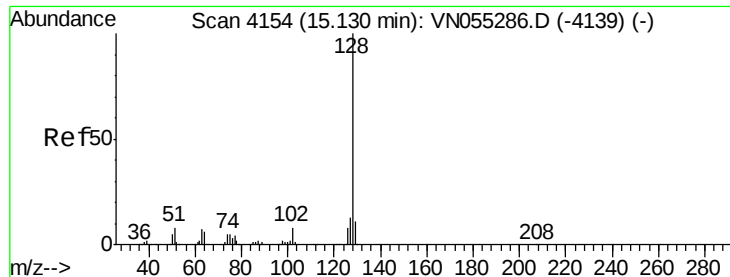
MMDadoda
 5/3/2019 1:08:00 PM



#94
 Hexachlorobutadiene
 Concen: 53.663 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055362.D
 Acq: 2 May 2019 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123233		
223	63.4	30.3	90.8	
227	64.8	30.9	92.7	





#95

Naphthalene

Concen: 50.268 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Instrument :

MSVOA_N

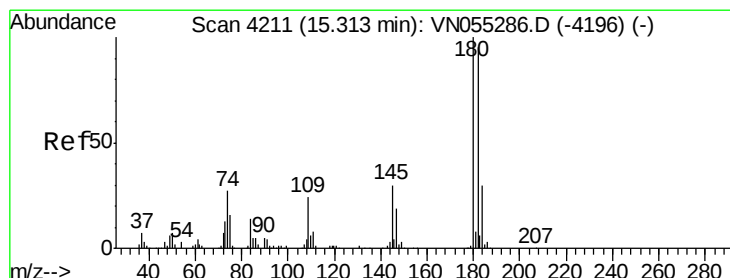
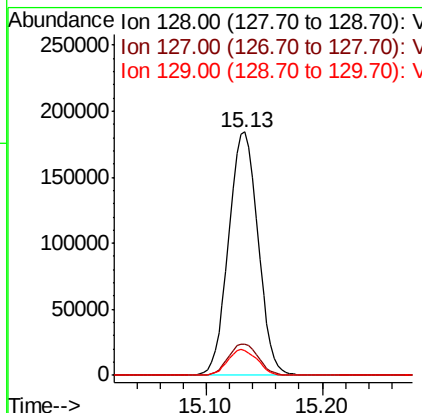
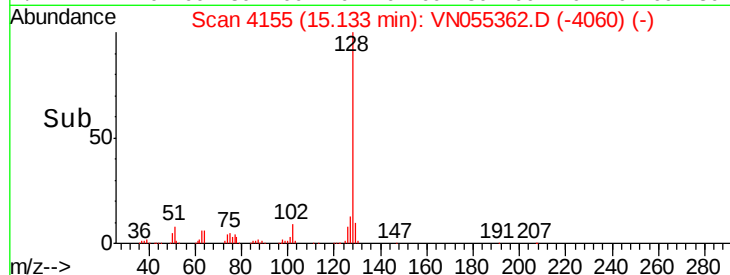
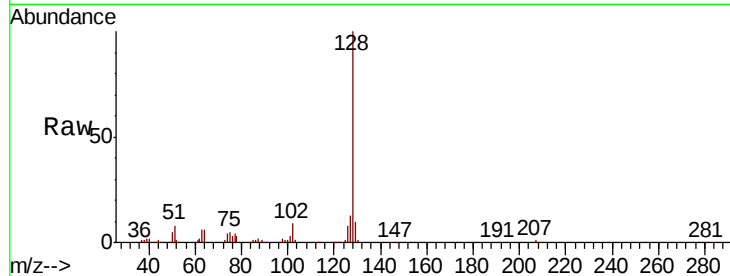
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	322870
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.7	16.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/3/2019 1:08:00 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.024 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055362.D

Acq: 2 May 2019 20:56

Tgt Ion:	180	Resp:	158206
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.3	144.9
145	31.3	15.2	45.6

