

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
 Data File : VN063362.D
 Acq On : 16 Sep 2020 12:43
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Sep 16 13:03:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:44:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	284898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	495859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	464444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225523	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	744869	154.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.02%	
35) Dibromofluoromethane	7.55	113	524480	153.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.00%	
50) Toluene-d8	10.06	98	2006353	156.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.72%	
62) 4-Bromofluorobenzene	12.38	95	777524	168.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	336.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	475491	146.794	ug/l	99
3) Chloromethane	2.03	50	573480	131.558	ug/l	99
4) Vinyl Chloride	2.16	62	572293	151.540	ug/l	100
5) Bromomethane	2.51	94	340137	151.796	ug/l	99
6) Chloroethane	2.66	64	333110	142.206	ug/l	96
7) Trichlorofluoromethane	2.98	101	849107	150.529	ug/l	100
8) Diethyl Ether	3.37	74	325134	147.333	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	462471	144.868	ug/l	99
10) Methyl Iodide	3.91	142	664317	163.685	ug/l	100
11) Tert butyl alcohol	4.73	59	454847	660.917	ug/l	100
12) 1,1-Dichloroethene	3.70	96	469387	145.223	ug/l	97
13) Acrolein	3.56	56	324756	1599.987	ug/l	99
14) Allyl chloride	4.27	41	953679	149.955	ug/l	98
15) Acrylonitrile	4.93	53	1260752	735.313	ug/l	100
16) Acetone	3.77	43	1099915	697.460	ug/l	100
17) Carbon Disulfide	4.01	76	1410054	150.936	ug/l	100
18) Methyl Acetate	4.27	43	577581	145.194	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1752257	145.503	ug/l	100
20) Methylene Chloride	4.50	84	548118	136.759	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	518512	144.711	ug/l	98
22) Diisopropyl ether	5.90	45	1906223	146.382	ug/l	97
23) Vinyl Acetate	5.84	43	7891556	739.067	ug/l	97
24) 1,1-Dichloroethane	5.79	63	1045414	147.173	ug/l	99
25) 2-Butanone	6.78	43	1730359	716.471	ug/l	99
26) 2,2-Dichloropropane	6.78	77	905629	144.352	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	600233	148.654	ug/l	98
28) Bromochloromethane	7.15	49	529306	164.501	ug/l	99
29) Tetrahydrofuran	7.16	42	1167713	706.324	ug/l	99
30) Chloroform	7.33	83	1056307	148.426	ug/l	100
31) Cyclohexane	7.61	56	913634	133.382	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	954471	151.266	ug/l	99
36) 1,1-Dichloropropene	7.75	75	797744	151.215	ug/l	99
37) Ethyl Acetate	6.88	43	767263	147.589	ug/l	100
38) Carbon Tetrachloride	7.73	117	826107	153.848	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	852349	148.399	ug/l	99
40) Benzene	8.00	78	2244528	148.611	ug/l	99
41) Methacrylonitrile	7.16	41	1117532	485.879	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	922096	152.466	ug/l	99
43) Isopropyl Acetate	8.13	43	1367842	147.061	ug/l #	89
44) Trichloroethene	8.80	130	542836	148.099	ug/l	98
45) 1,2-Dichloropropane	9.08	63	614172	149.444	ug/l	99
46) Dibromomethane	9.17	93	404792	149.943	ug/l	99
47) Bromodichloromethane	9.37	83	874807	157.247	ug/l	99
48) Methyl methacrylate	9.16	41	675119	147.870	ug/l	98
49) 1,4-Dioxane	9.17	88	176353	2644.754	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	3751787	717.678	ug/l	98
52) Toluene	10.12	92	1417105	157.622	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	992953	160.438	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1034563	158.064	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	547516	152.445	ug/l	98
56) Ethyl methacrylate	10.40	69	890014	160.080	ug/l	99
57) 1,3-Dichloropropane	10.68	76	968326	148.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2260153	769.708	ug/l	99
59) 2-Hexanone	10.72	43	2811035	747.117	ug/l	98
60) Dibromochloromethane	10.87	129	648955	161.553	ug/l	98
61) 1,2-Dibromoethane	10.98	107	581307	156.487	ug/l	99
64) Tetrachloroethene	10.60	164	461236	145.040	ug/l	99
65) Chlorobenzene	11.41	112	1474559	149.481	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	547657	151.855	ug/l	99
67) Ethyl Benzene	11.48	91	2747354	147.579	ug/l	98
68) m/p-Xylenes	11.60	106	2030065	303.928	ug/l	95
69) o-Xylene	11.92	106	975641	153.614	ug/l	99
70) Styrene	11.94	104	1708549	161.881	ug/l	99
71) Bromoform	12.10	173	444111	168.316	ug/l #	100
73) Isopropylbenzene	12.22	105	2649417	145.941	ug/l	99
74) N-amyl acetate	12.05	43	1308982	153.628	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	795493	140.691	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1134176	201.819	ug/l #	100
77) Bromobenzene	12.50	156	608979	149.763	ug/l	99
78) n-propylbenzene	12.57	91	3113571	147.511	ug/l	99
79) 2-Chlorotoluene	12.65	91	1884914	149.263	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2288642	152.248	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	307253	151.137	ug/l	99
82) 4-Chlorotoluene	12.75	91	2030360	152.763	ug/l	99
83) tert-Butylbenzene	12.97	119	1858079	149.269	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	2311025	152.193	ug/l	99
85) sec-Butylbenzene	13.15	105	2493700	149.740	ug/l	99
86) p-Isopropyltoluene	13.26	119	2253090	154.140	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	1146042	152.528	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1170429	153.356	ug/l	100
89) n-Butylbenzene	13.59	91	2117305	157.780	ug/l	99
90) Hexachloroethane	13.85	117	433935	156.272	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1130272	153.363	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	190047	141.238	ug/l	98

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VSTDICC150

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 12:44:36 2020
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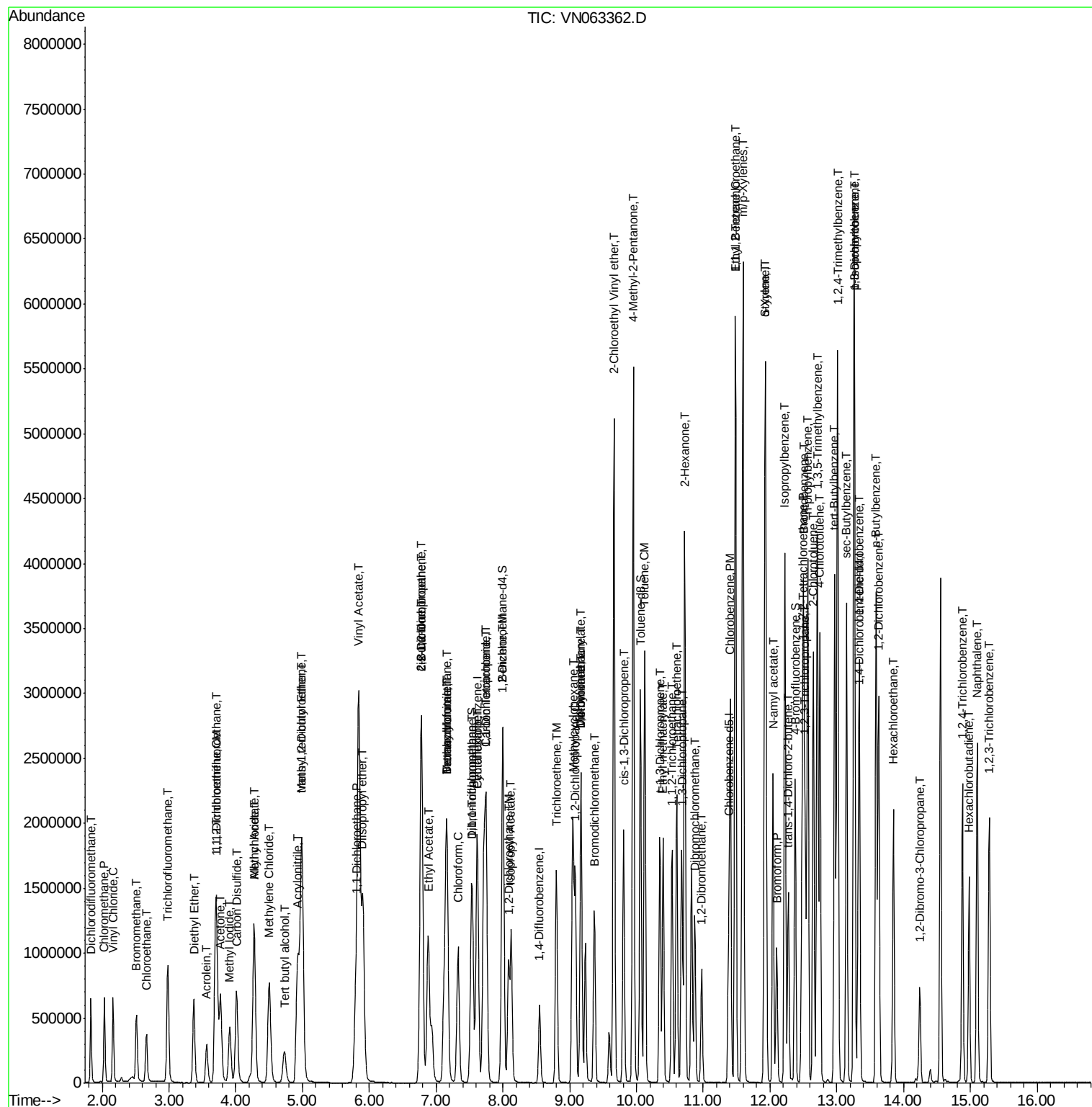
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	649444	148.705	ug/l	100
94) Hexachlorobutadiene	14.98	225	268467	148.443	ug/l	98
95) Naphthalene	15.10	128	2149758	149.048	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	619544	146.450	ug/l	98

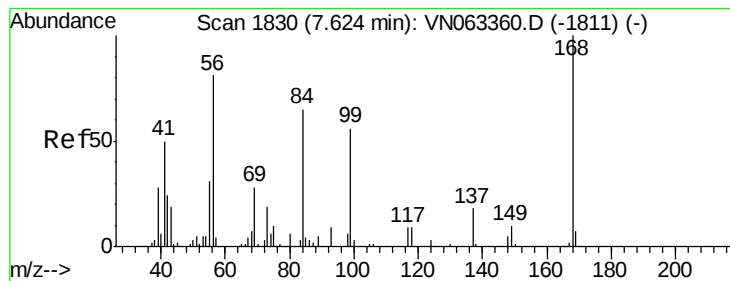
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
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ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Sep 16 13:03:00 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

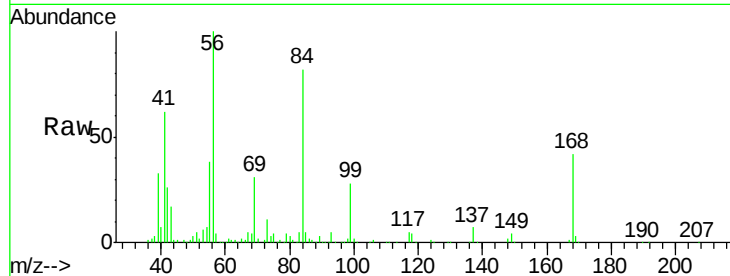
VSTDICC150

Tgt Ion:168 Resp: 284898

Ion Ratio Lower Upper

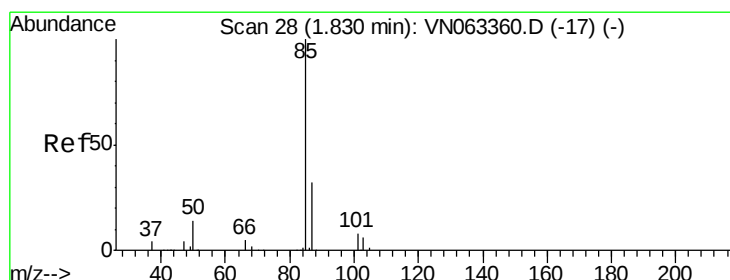
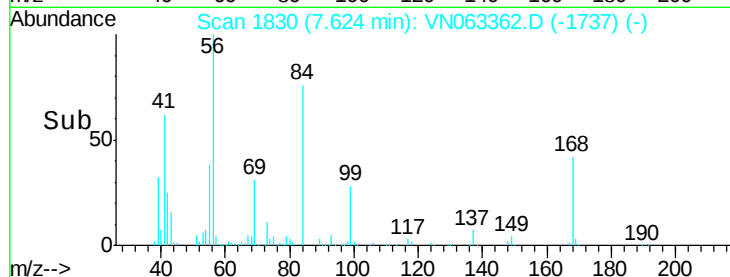
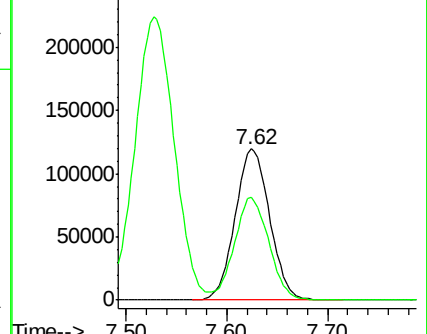
168 100

99 67.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 146.794 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063362.D

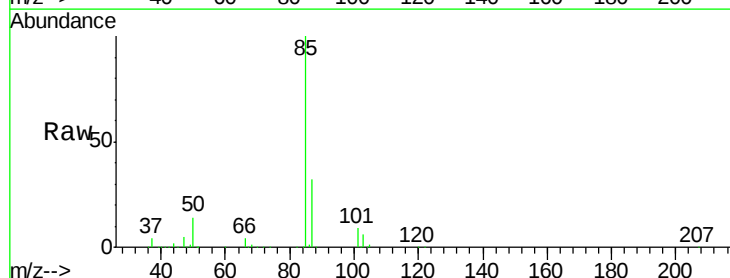
Acq: 16 Sep 2020 12:43

Tgt Ion: 85 Resp: 475491

Ion Ratio Lower Upper

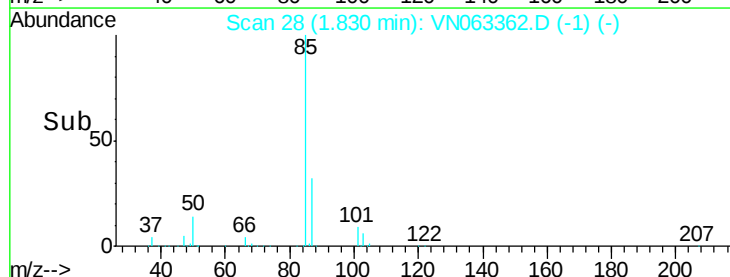
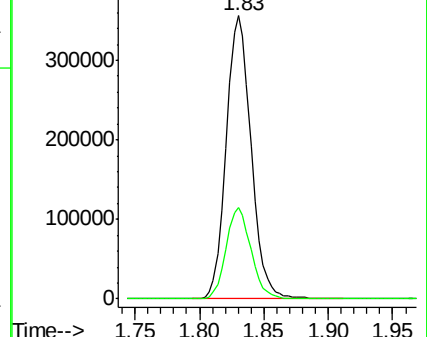
85 100

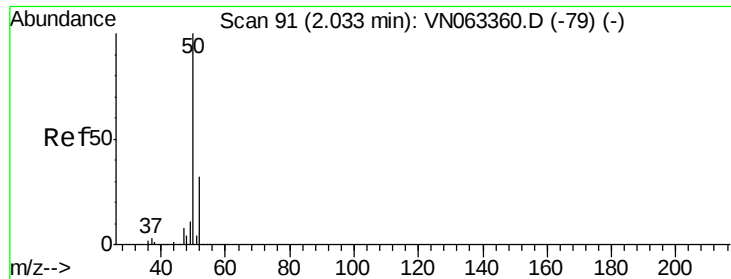
87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 131.558 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

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ClientSampleId :

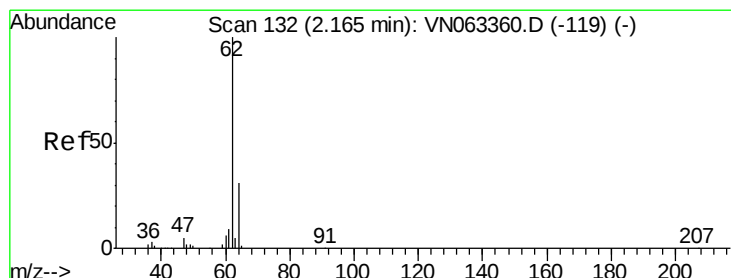
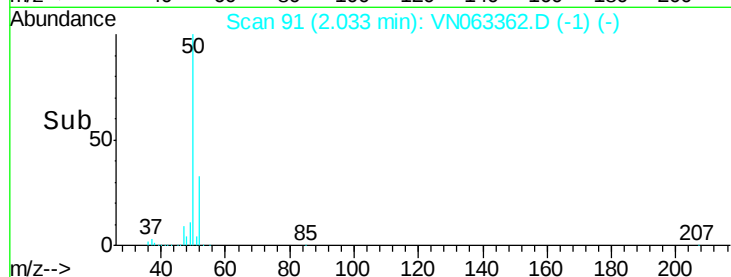
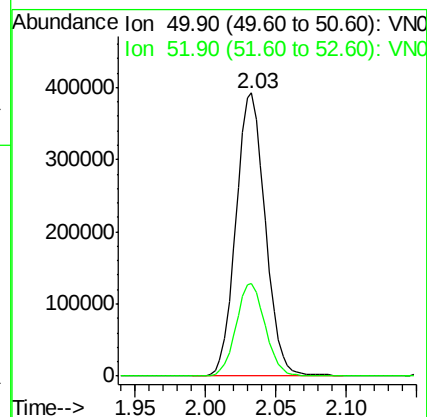
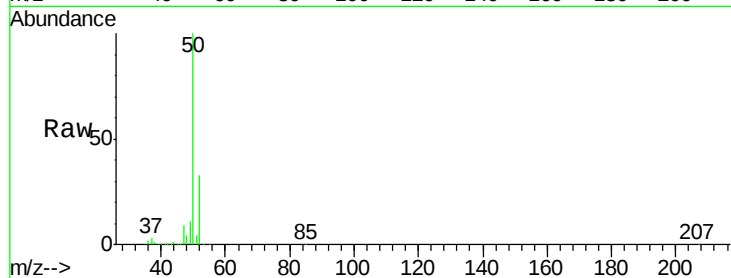
VSTDIC150

Tgt Ion: 50 Resp: 573480

Ion Ratio Lower Upper

50 100

52 32.7 25.9 38.9



#4

Vinyl Chloride

Concen: 151.540 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN063362.D

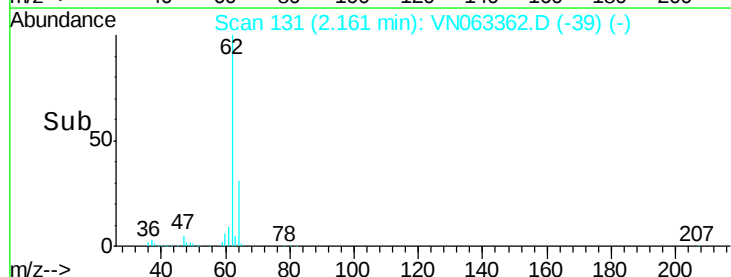
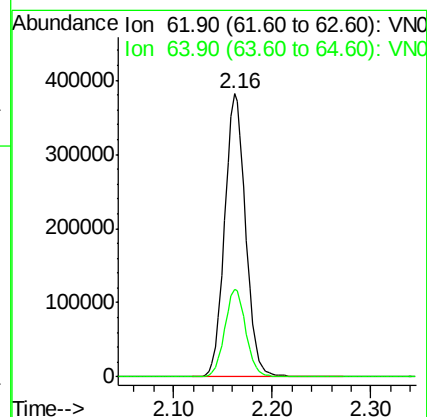
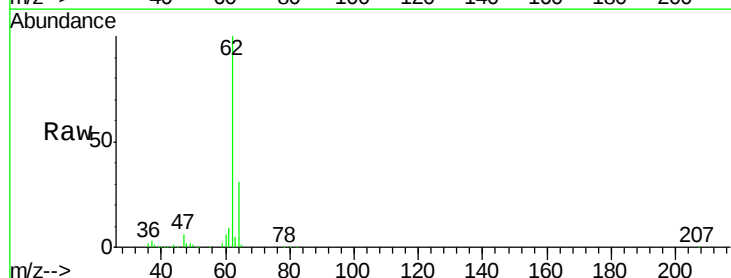
Acq: 16 Sep 2020 12:43

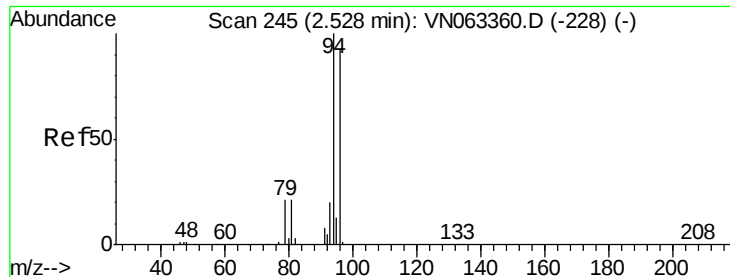
Tgt Ion: 62 Resp: 572293

Ion Ratio Lower Upper

62 100

64 31.1 25.1 37.7





#5

Bromomethane

Concen: 151.796 ug/l

RT: 2.51 min Scan# 240

Delta R.T. -0.02 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

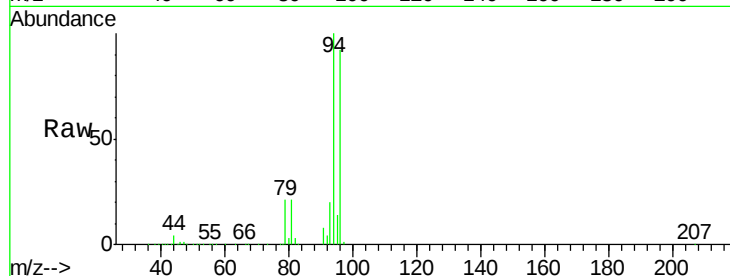
VSTDIC150

Tgt Ion: 94 Resp: 340137

Ion Ratio Lower Upper

94 100

96 92.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN063362.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN063362.D (-152) (-)

2.51

200000

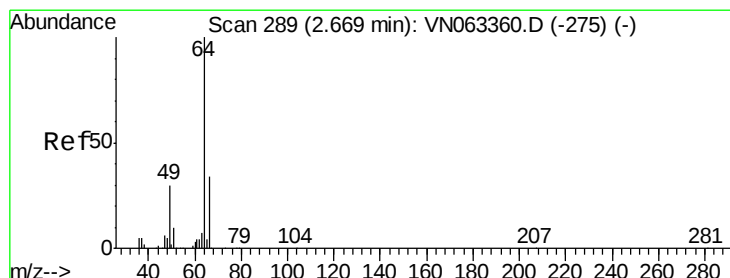
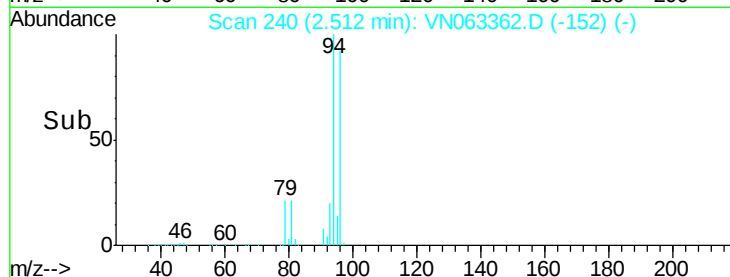
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 142.206 ug/l

RT: 2.66 min Scan# 287

Delta R.T. -0.01 min

Lab File: VN063362.D

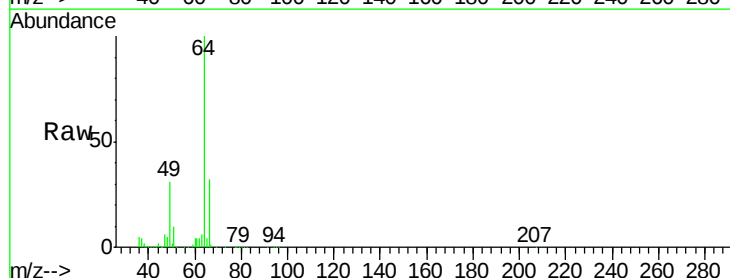
Acq: 16 Sep 2020 12:43

Tgt Ion: 64 Resp: 333110

Ion Ratio Lower Upper

64 100

66 31.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN063362.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN063362.D (-196) (-)

2.66

200000

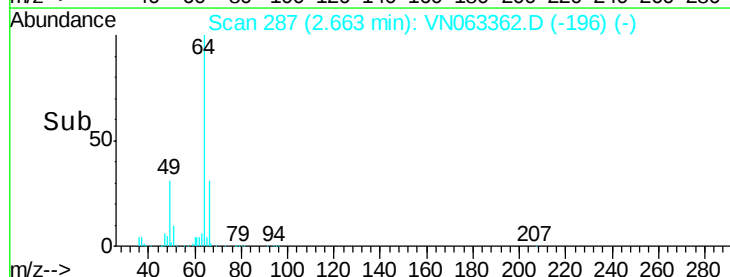
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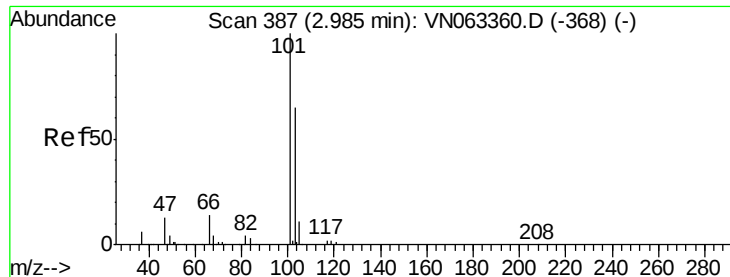
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Time-->



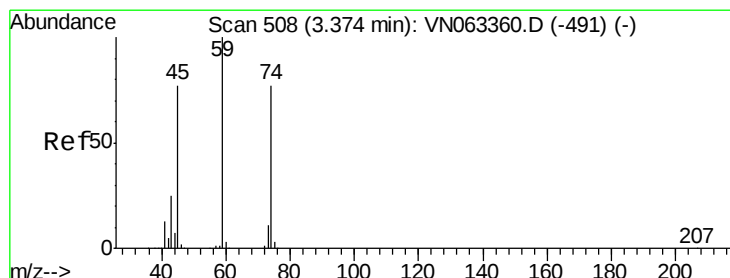
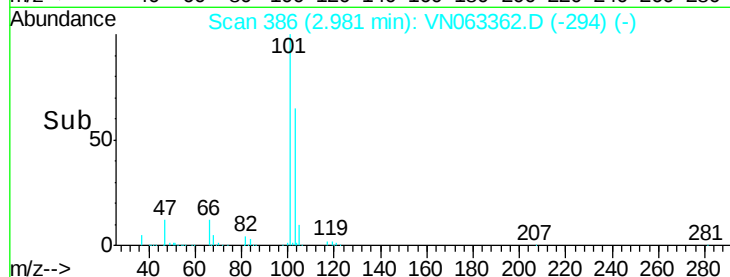
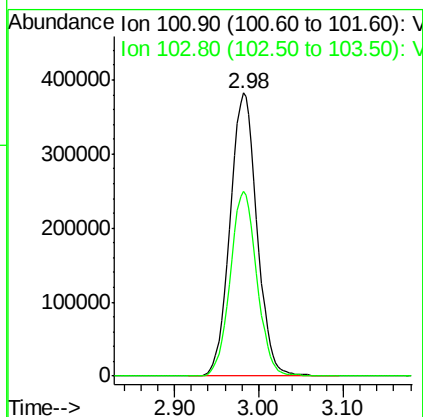
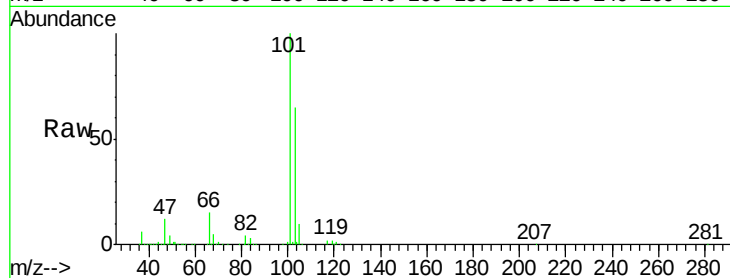


#7

Trichlorofluoromethane
 Concen: 150.529 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

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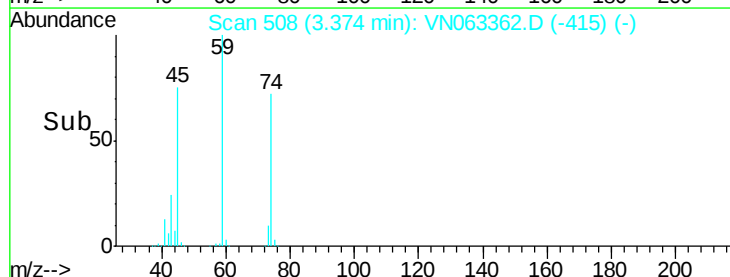
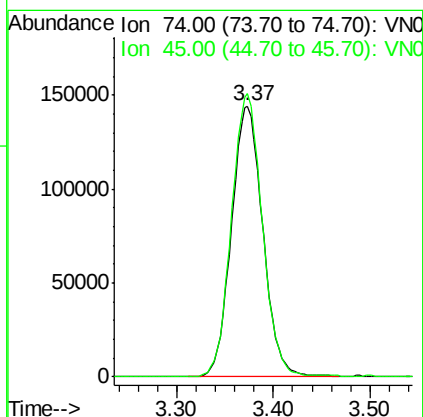
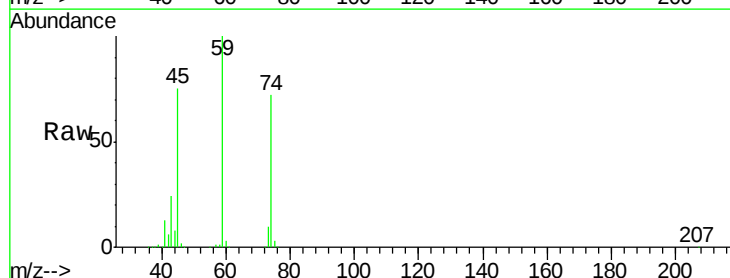
Tgt Ion: 101 Resp: 849107
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5

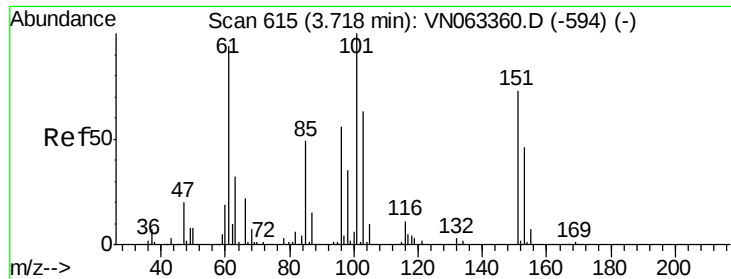


#8

Diethyl Ether
 Concen: 147.333 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

Tgt Ion: 74 Resp: 325134
 Ion Ratio Lower Upper
 74 100
 45 102.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.868 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

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VSTDIC150

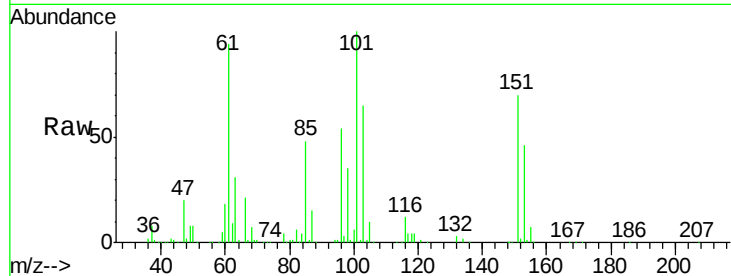
Tgt Ion:101 Resp: 462471

Ion Ratio Lower Upper

101 100

85 48.3 37.7 56.5

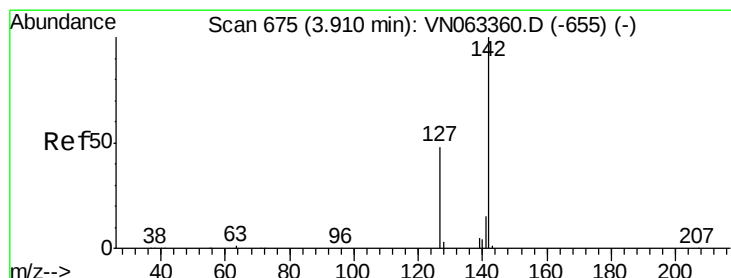
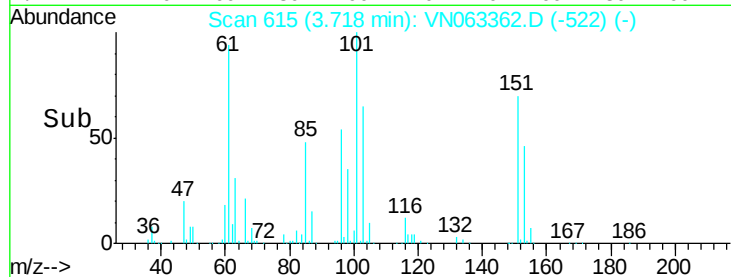
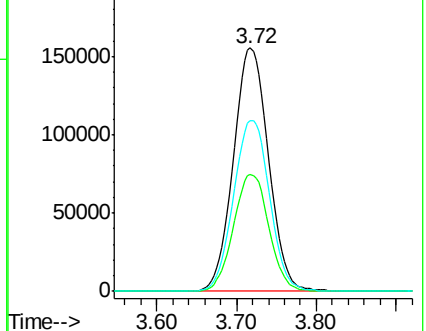
151 72.2 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 163.685 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

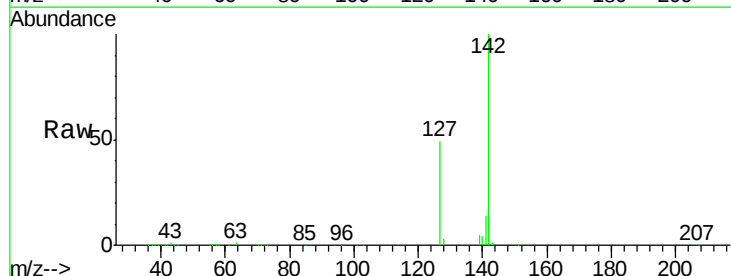
Tgt Ion:142 Resp: 664317

Ion Ratio Lower Upper

142 100

127 48.9 39.0 58.6

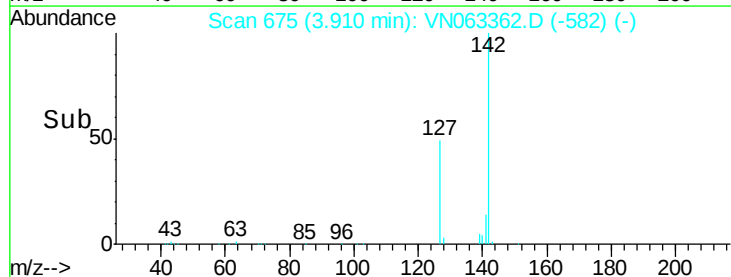
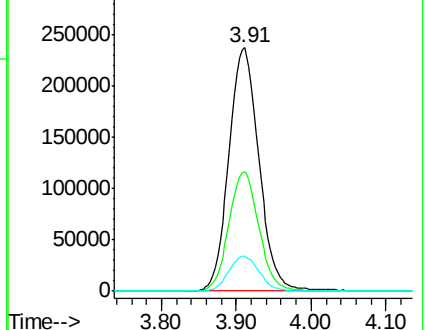
141 14.5 11.6 17.4

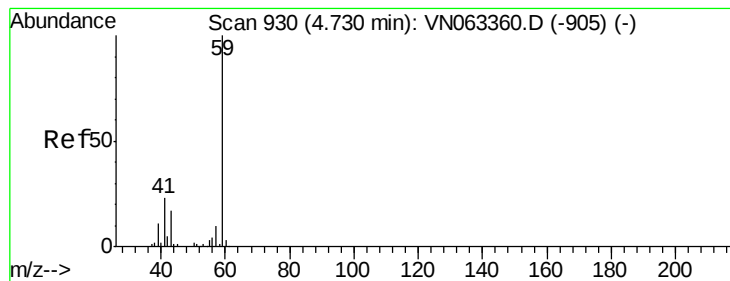


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



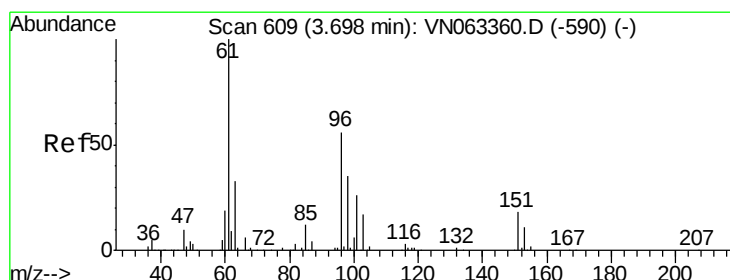
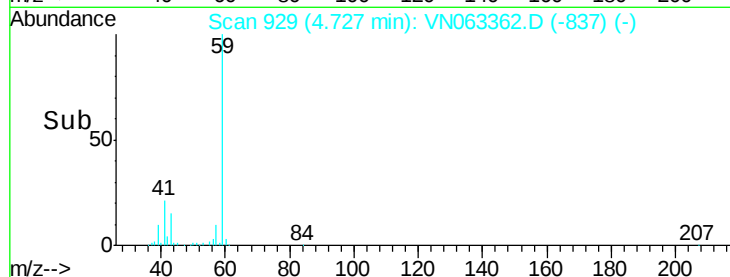
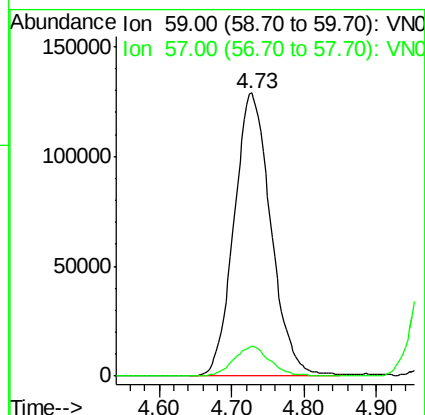
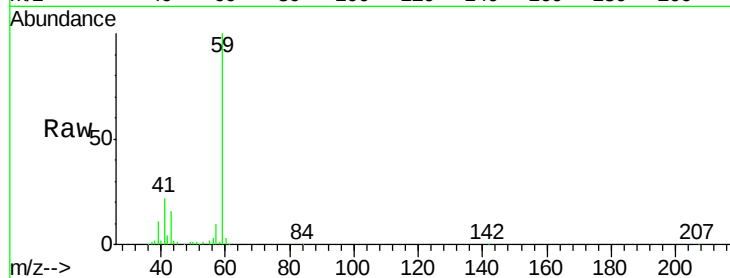


#11

Tert butyl alcohol
Concen: 660.917 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

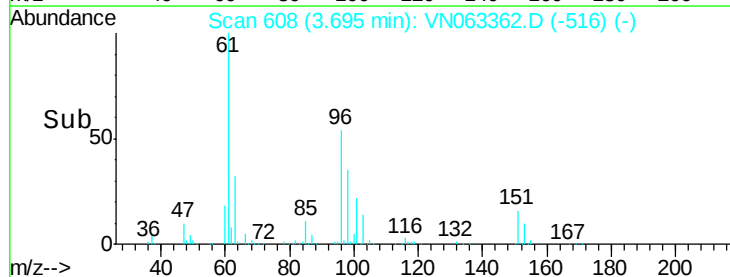
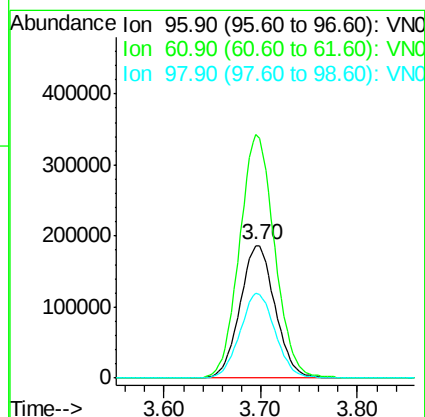
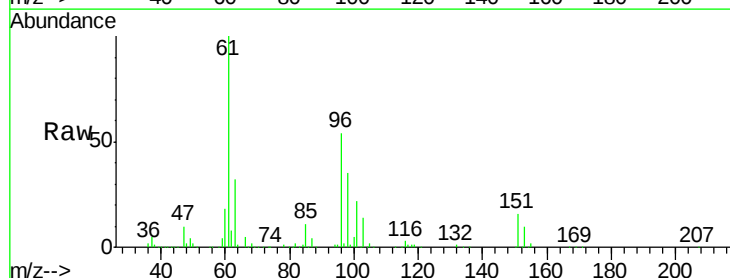
Tgt Ion: 59 Resp: 454847
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

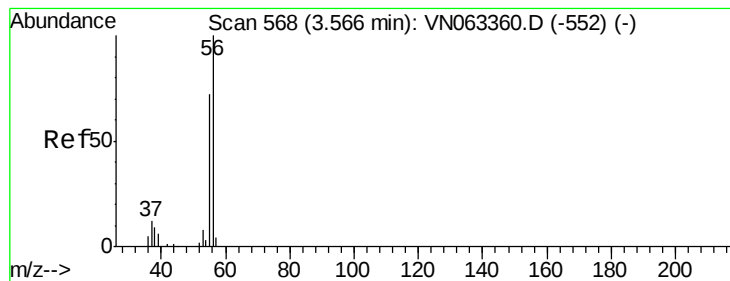


#12

1,1-Dichloroethene
Concen: 145.223 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion: 96 Resp: 469387
Ion Ratio Lower Upper
96 100
61 183.8 143.4 215.2
98 63.9 50.6 76.0





#13

Acrolein

Concen: 1599.987 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

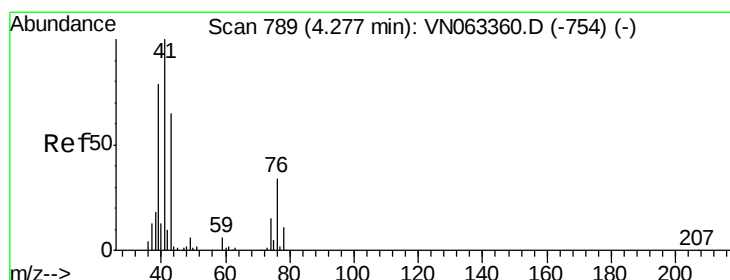
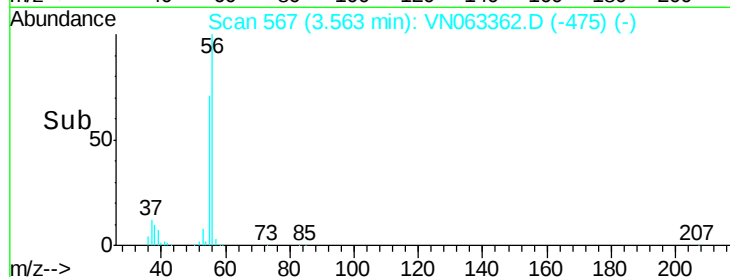
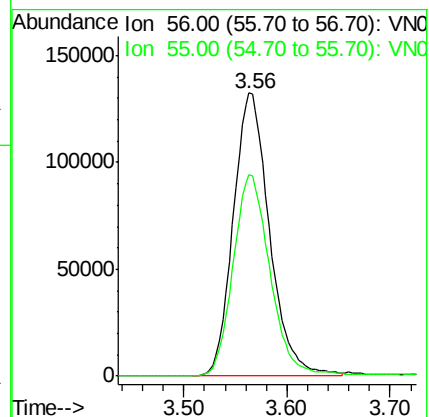
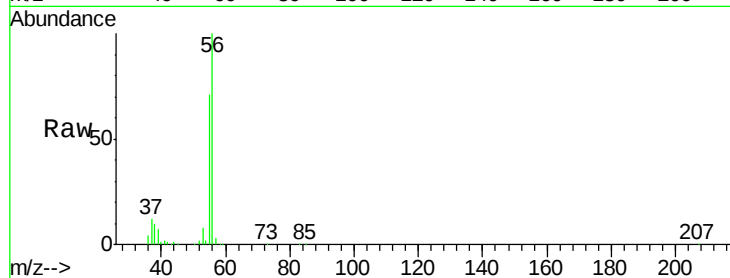
VSTDIC150

Tgt Ion: 56 Resp: 324756

Ion Ratio Lower Upper

56 100

55 71.5 58.2 87.2



#14

Allyl chloride

Concen: 149.955 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

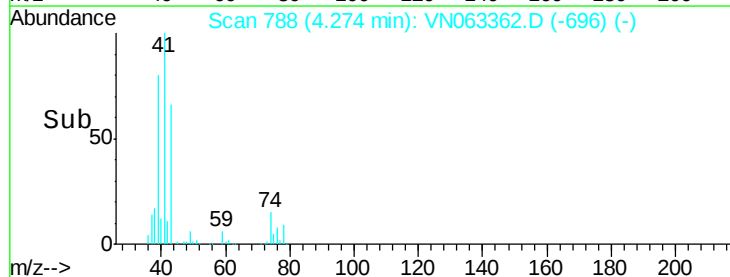
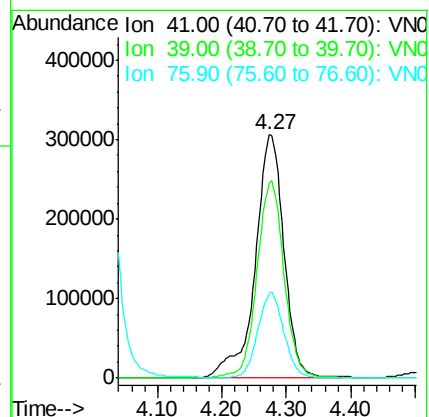
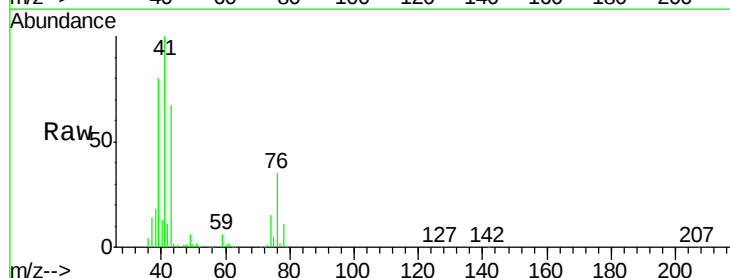
Tgt Ion: 41 Resp: 953679

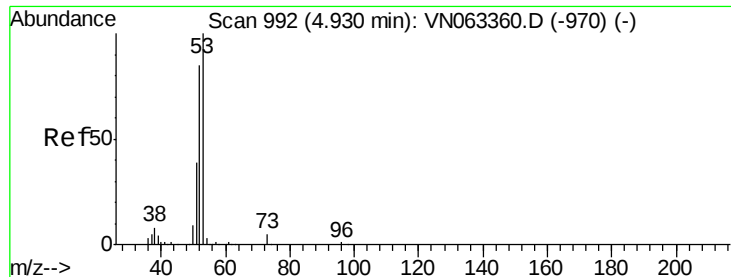
Ion Ratio Lower Upper

41 100

39 75.8 59.3 88.9

76 31.7 25.3 37.9

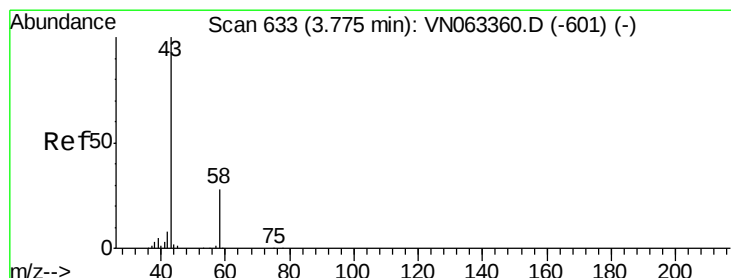
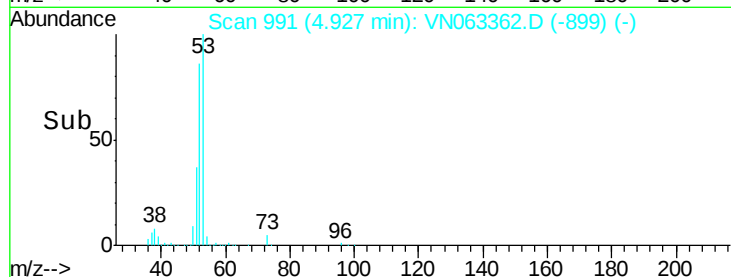
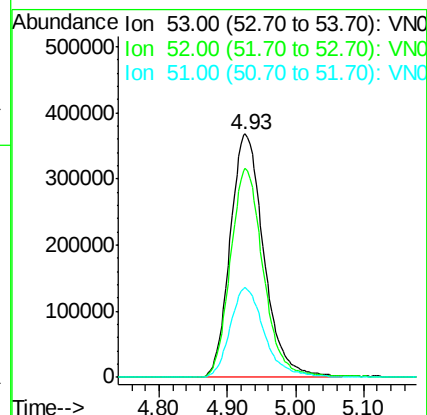
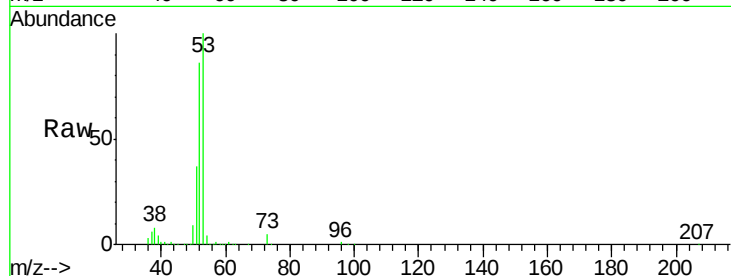




#15
 Acrylonitrile
 Concen: 735.313 ug/l
 RT: 4.93 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

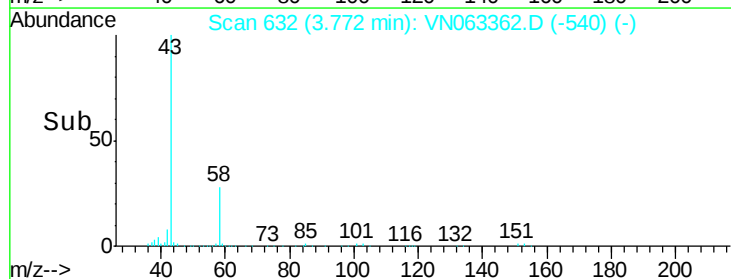
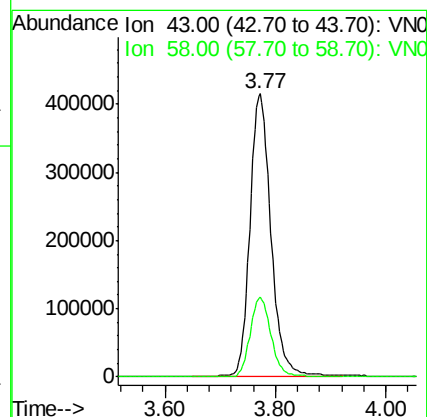
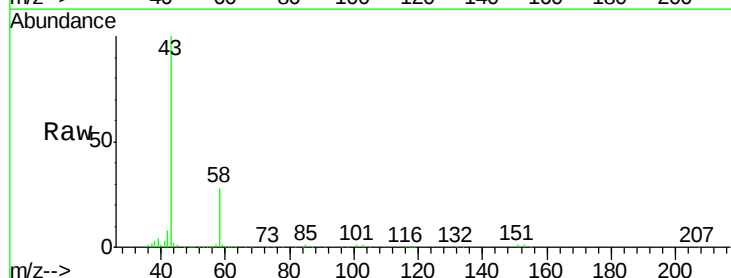
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

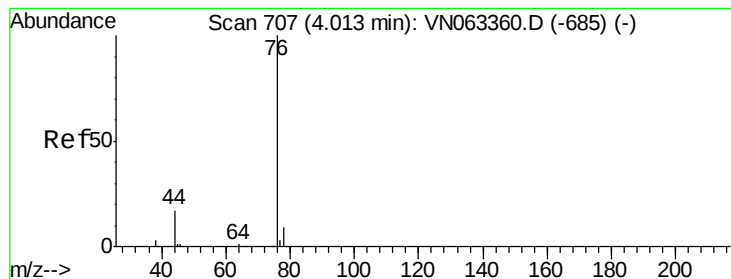
Tgt Ion: 53 Resp: 1260752
 Ion Ratio Lower Upper
 53 100
 52 83.5 66.4 99.6
 51 37.7 30.2 45.4



#16
 Acetone
 Concen: 697.460 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

Tgt Ion: 43 Resp: 1099915
 Ion Ratio Lower Upper
 43 100
 58 28.1 22.3 33.5





#17

Carbon Disulfide

Concen: 150.936 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

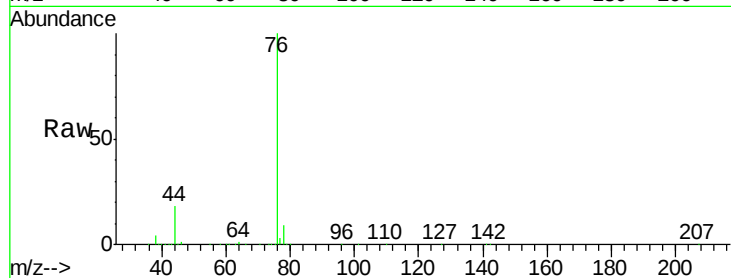
VSTDIC150

Tgt Ion: 76 Resp: 1410054

Ion Ratio Lower Upper

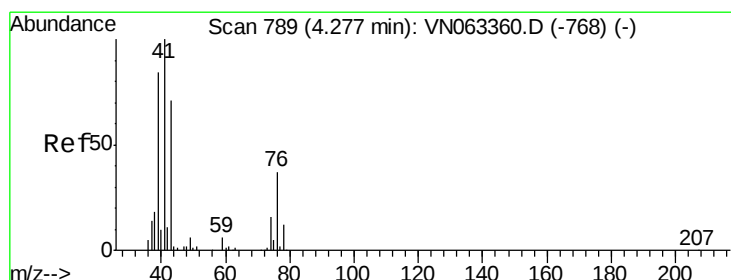
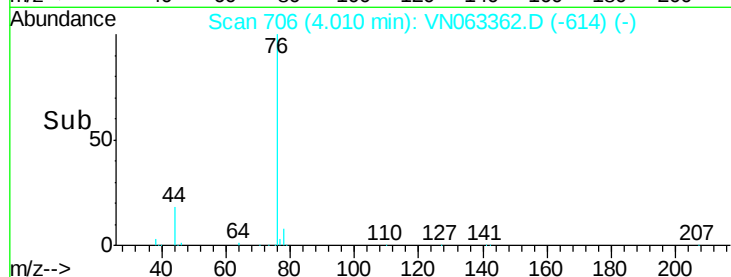
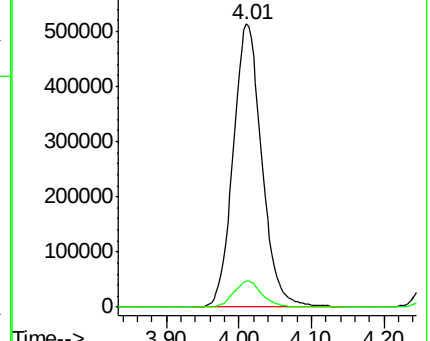
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN063362.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063362.D (-685) (-)



#18

Methyl Acetate

Concen: 145.194 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063362.D

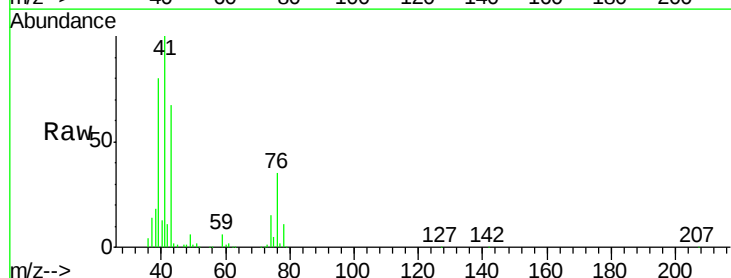
Acq: 16 Sep 2020 12:43

Tgt Ion: 43 Resp: 577581

Ion Ratio Lower Upper

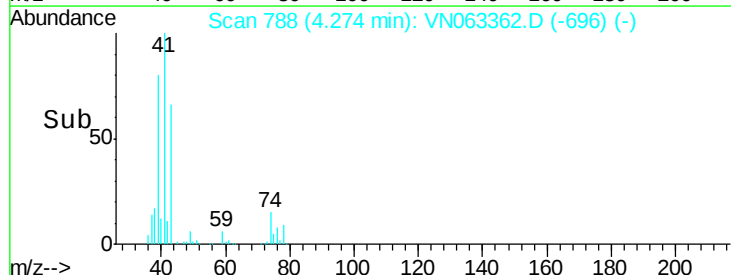
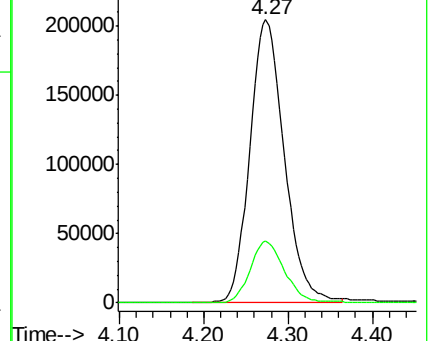
43 100

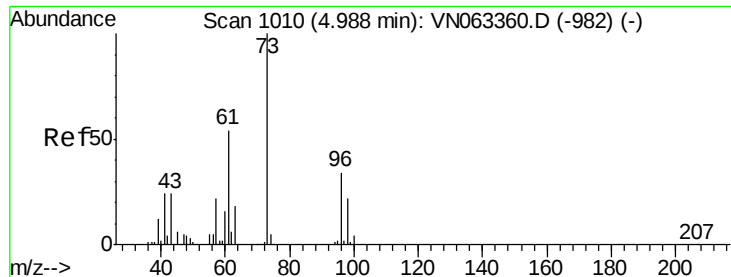
74 22.1 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063362.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063362.D (-696) (-)

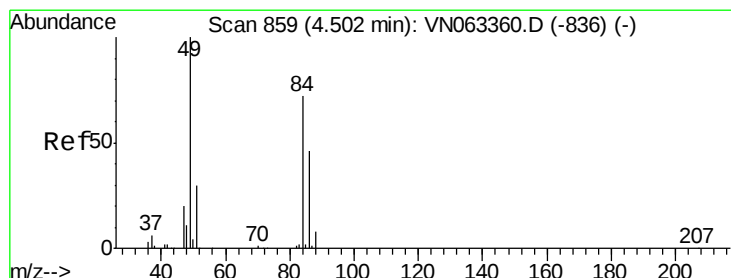
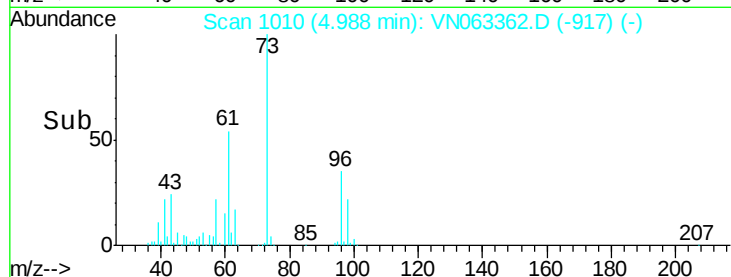
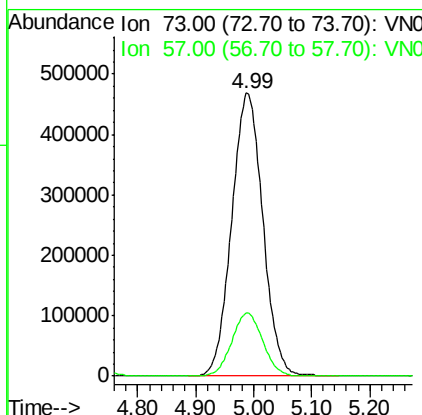
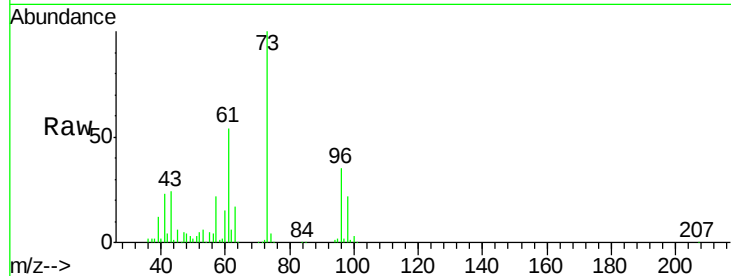




#19
Methyl tert-butyl Ether
Concen: 145.503 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

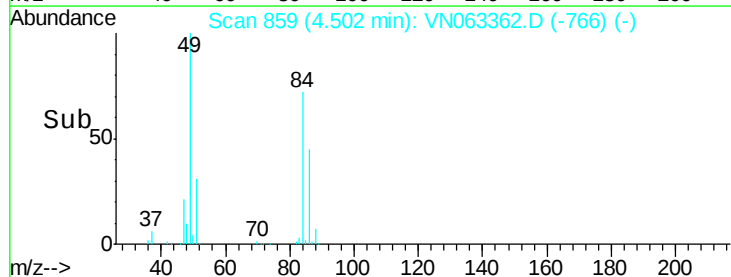
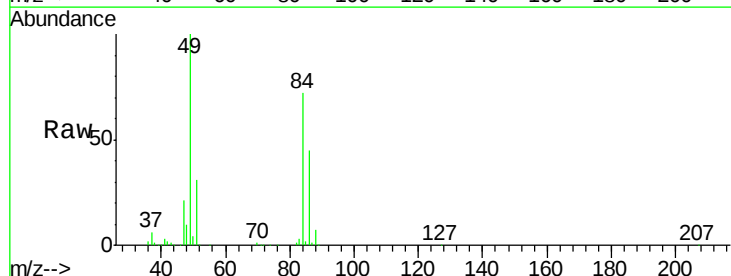
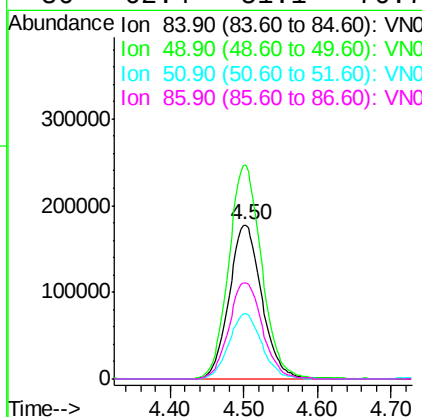
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

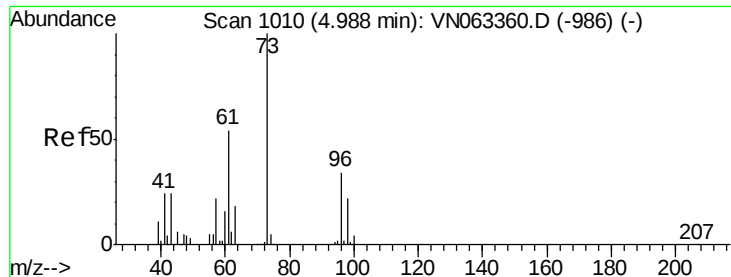
Tgt Ion: 73 Resp: 1752257
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9



#20
Methylene Chloride
Concen: 136.759 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion: 84 Resp: 548118
Ion Ratio Lower Upper
84 100
49 138.5 110.7 166.1
51 42.4 32.9 49.3
86 62.4 51.1 76.7

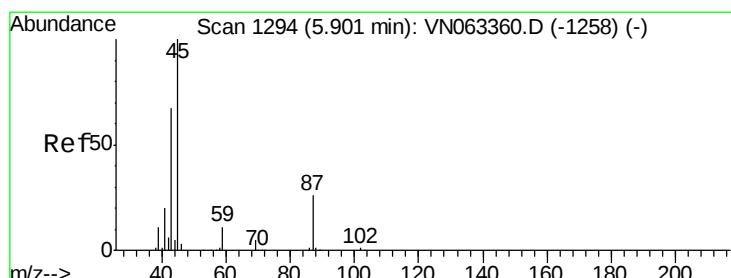
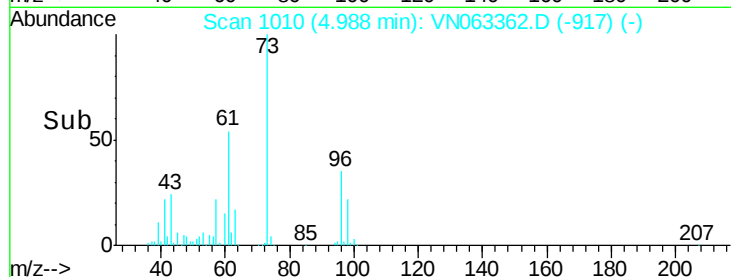
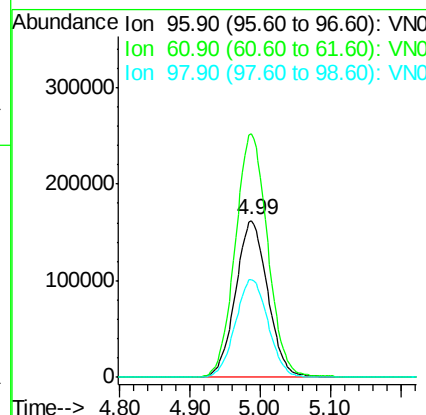
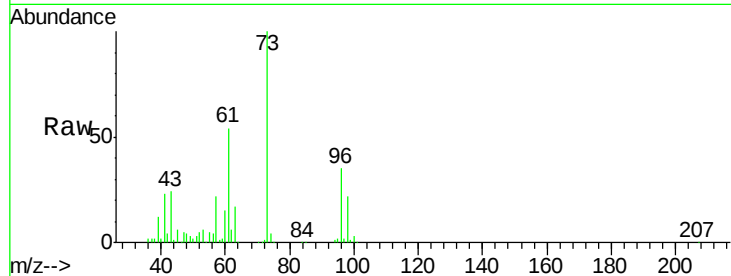




#21
trans-1,2-Dichloroethene
Concen: 144.711 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

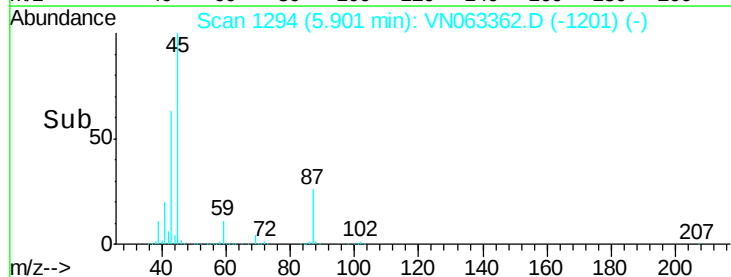
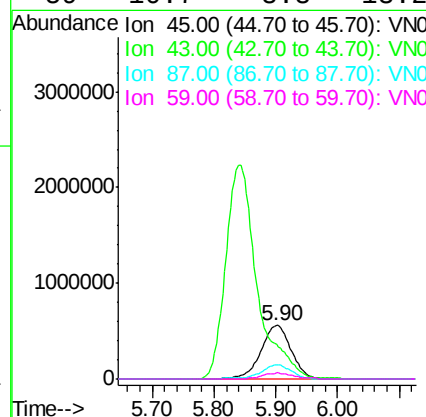
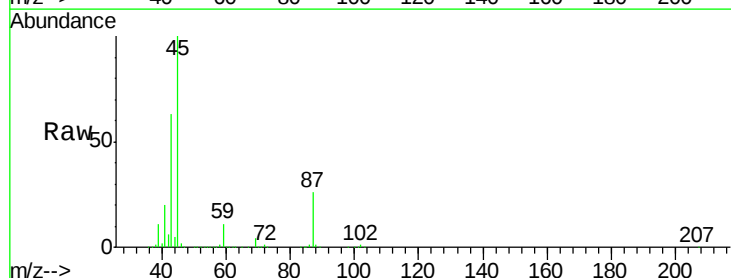
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

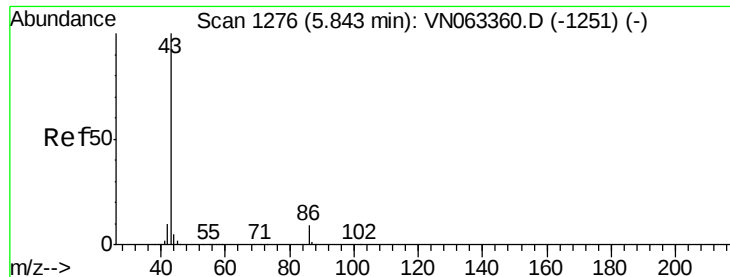
Tgt Ion: 96 Resp: 518512
Ion Ratio Lower Upper
96 100
61 155.1 126.2 189.4
98 62.4 51.0 76.4



#22
Diisopropyl ether
Concen: 146.382 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion: 45 Resp: 1906223
Ion Ratio Lower Upper
45 100
43 63.2 53.5 80.3
87 26.3 21.2 31.8
59 10.7 8.8 13.2

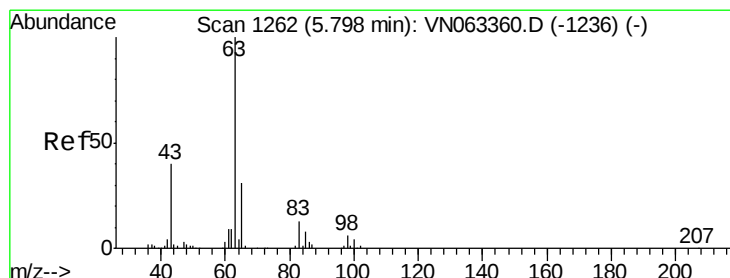
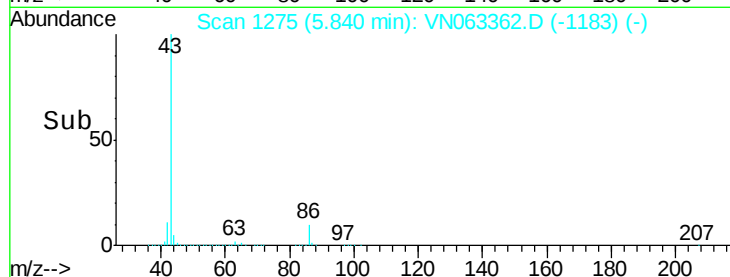
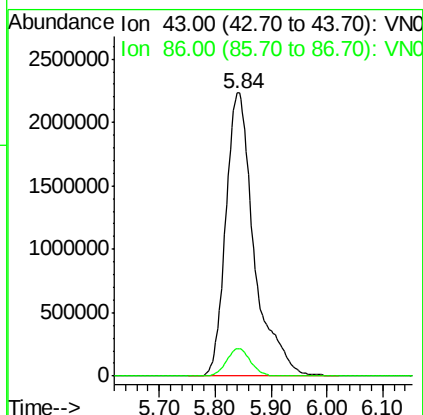
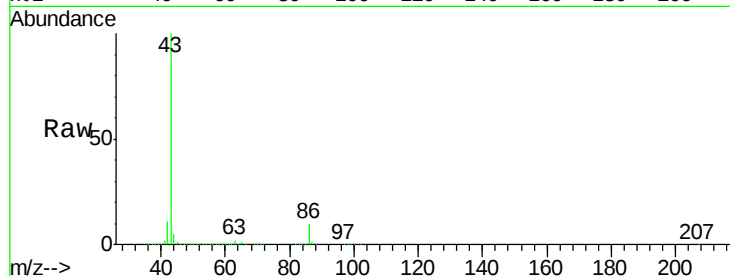




#23
 Vinyl Acetate
 Concen: 739.067 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

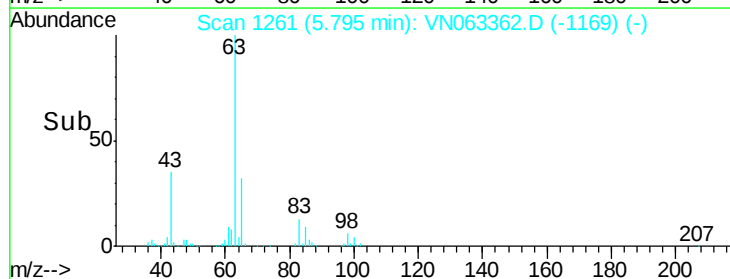
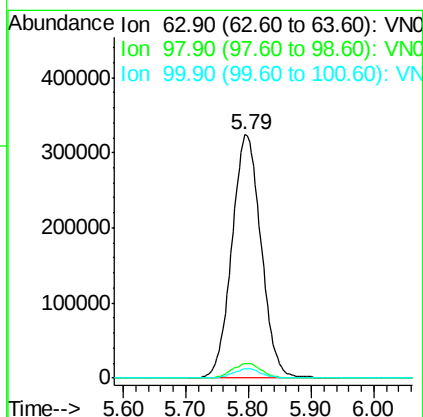
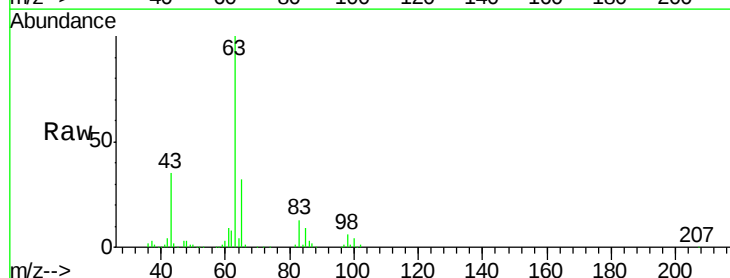
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

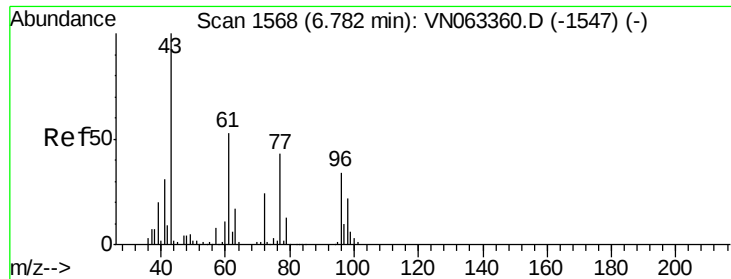
Tgt Ion: 43 Resp: 7891556
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 147.173 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

Tgt Ion: 63 Resp: 1045414
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.8
 100 3.8 2.1 6.3

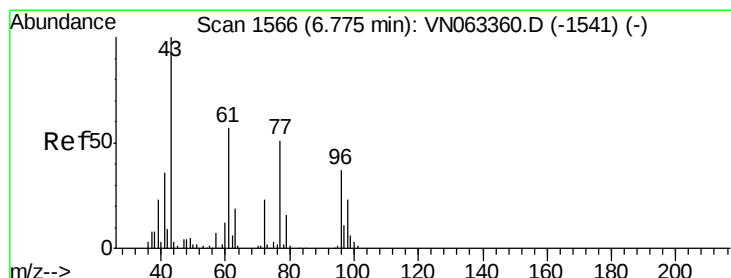
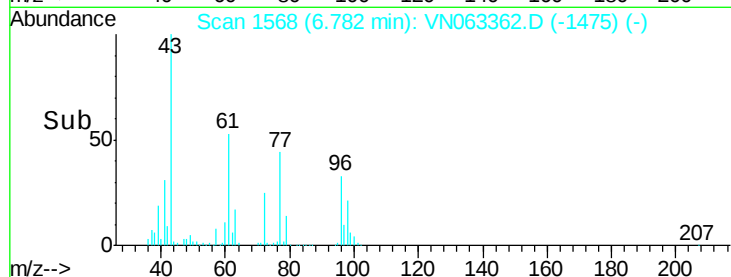
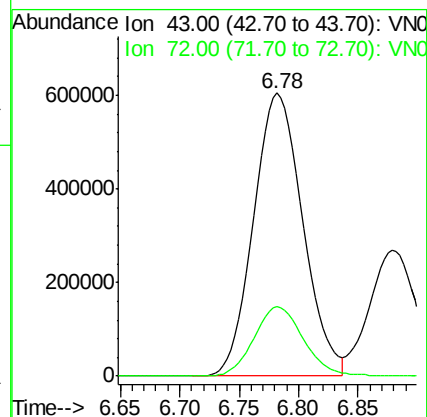
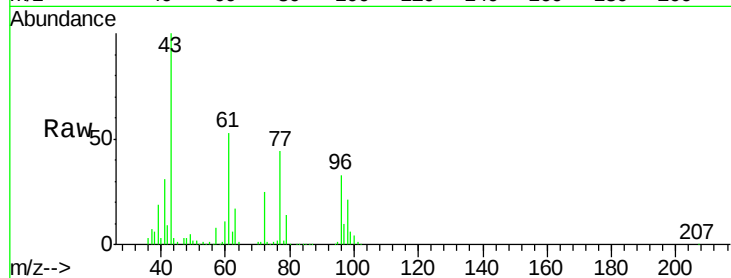




#25
2-Butanone
Concen: 716.471 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

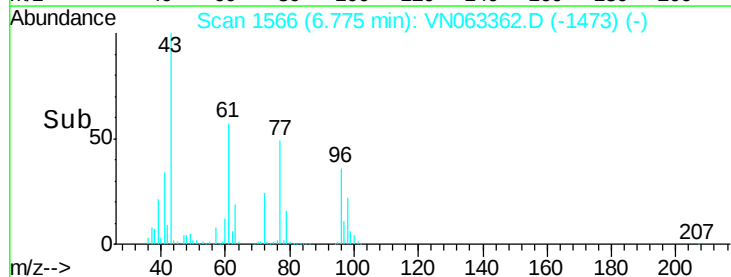
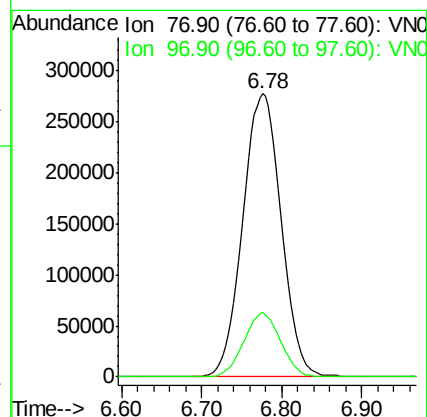
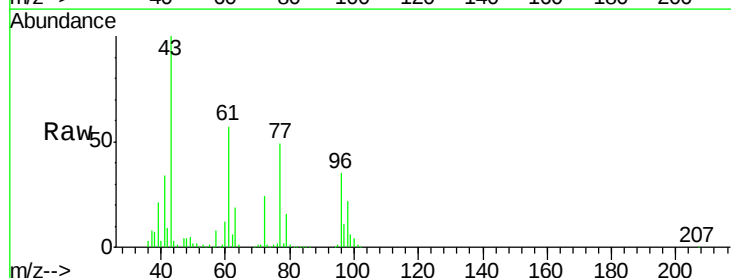
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

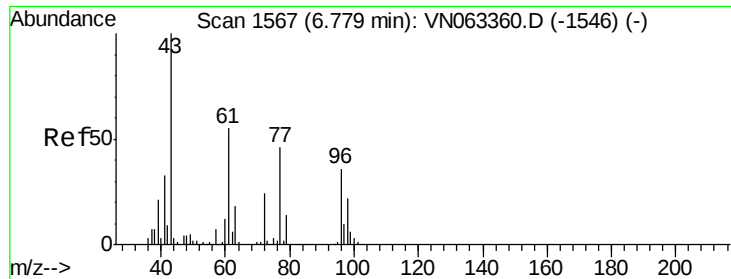
Tgt Ion: 43 Resp: 1730359
Ion Ratio Lower Upper
43 100
72 24.6 19.2 28.8



#26
2,2-Dichloropropane
Concen: 144.352 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion: 77 Resp: 905629
Ion Ratio Lower Upper
77 100
97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 148.654 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

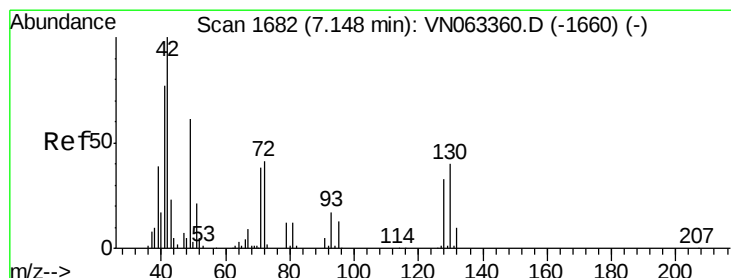
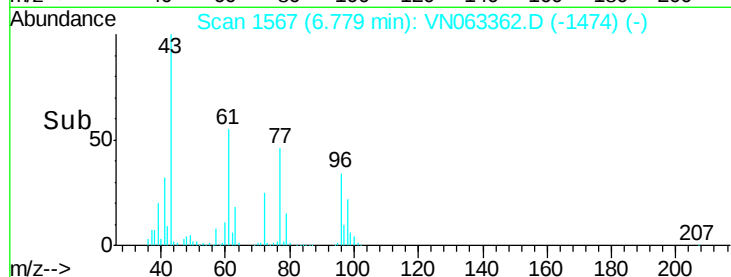
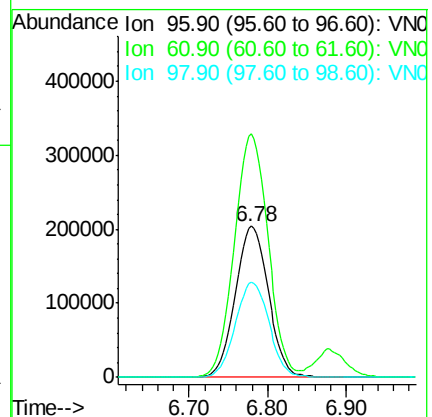
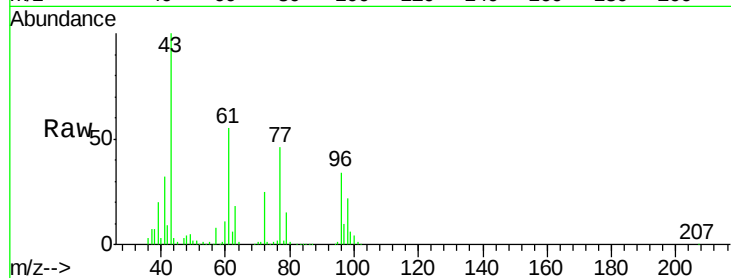
Tgt Ion: 96 Resp: 600233

Ion Ratio Lower Upper

96 100

61 163.8 0.0 319.6

98 64.5 0.0 127.8



#28

Bromochloromethane

Concen: 164.501 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

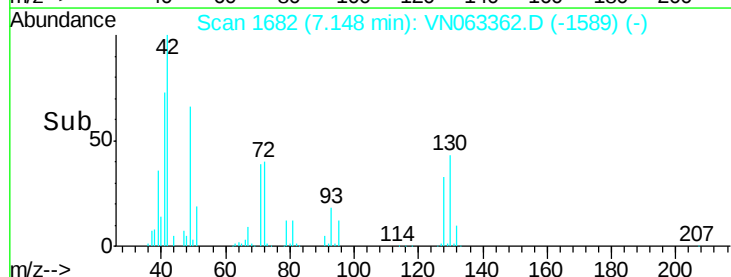
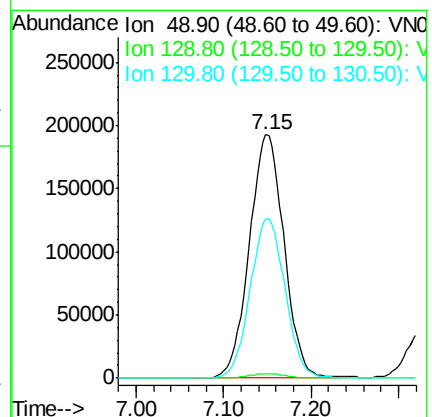
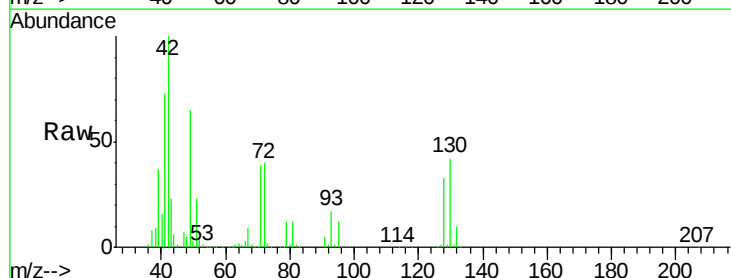
Tgt Ion: 49 Resp: 529306

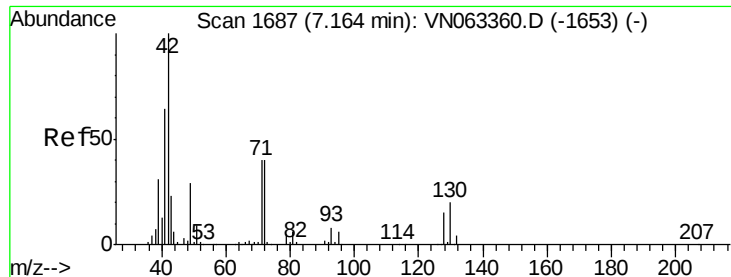
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 66.0 52.2 78.2

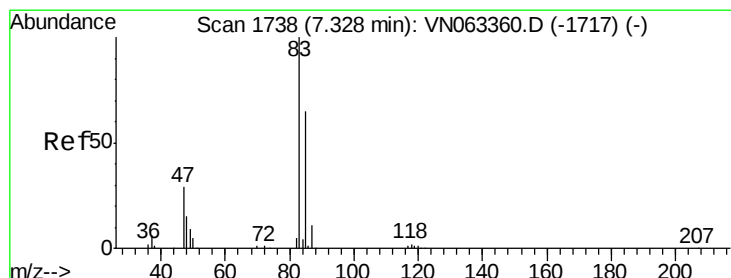
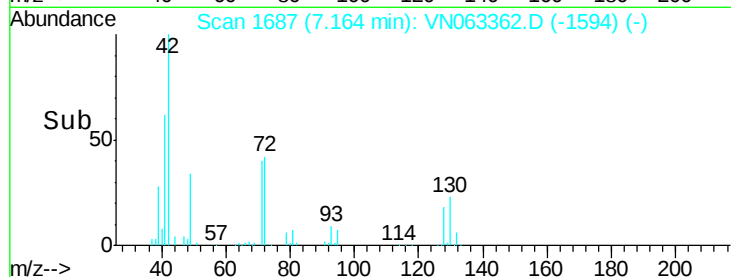
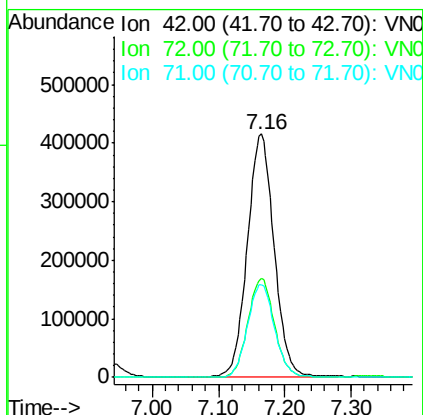
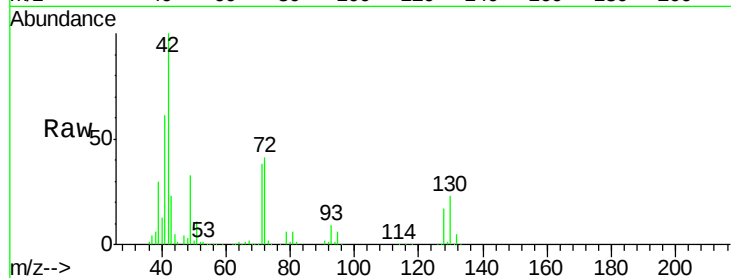




#29
Tetrahydrofuran
Concen: 706.324 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

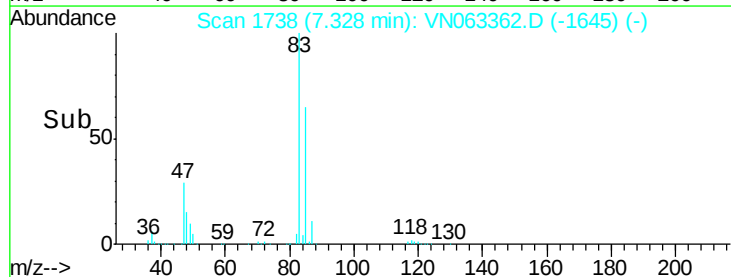
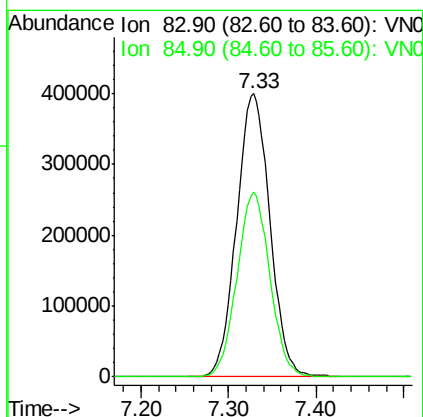
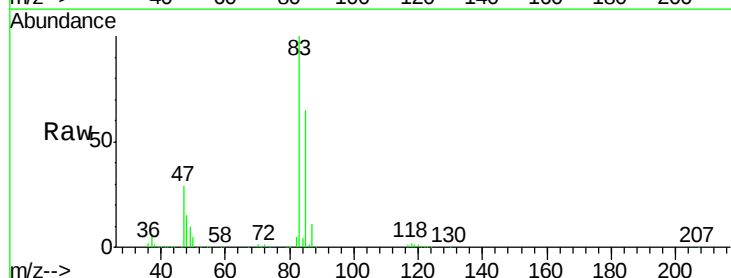
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

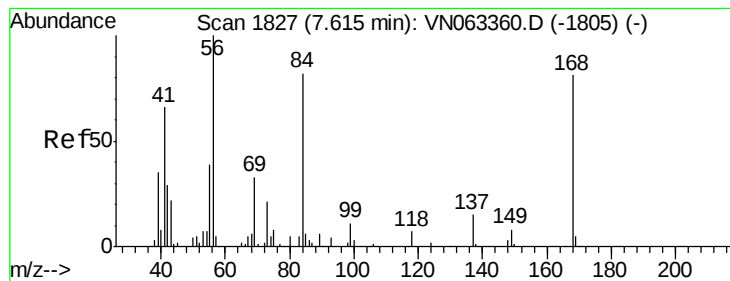
Tgt Ion: 42 Resp: 1167713
Ion Ratio Lower Upper
42 100
72 40.3 32.1 48.1
71 38.6 31.2 46.8



#30
Chloroform
Concen: 148.426 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion: 83 Resp: 1056307
Ion Ratio Lower Upper
83 100
85 65.2 52.1 78.1





#31

Cyclohexane

Concen: 133.382 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

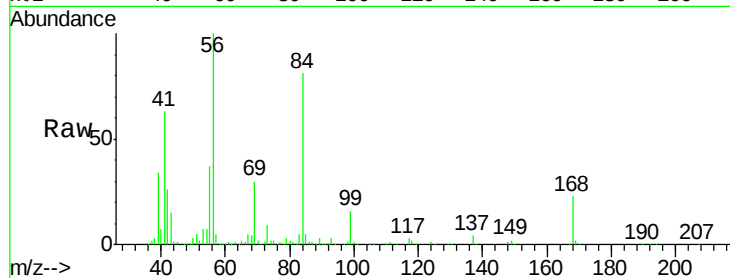
Tgt Ion: 56 Resp: 913634

Ion Ratio Lower Upper

56 100

69 30.0 26.1 39.1

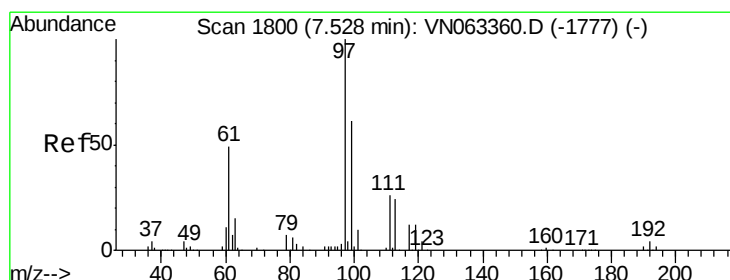
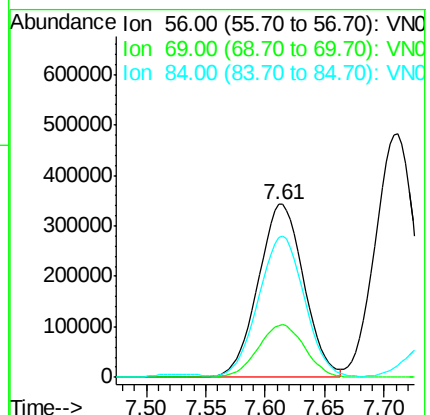
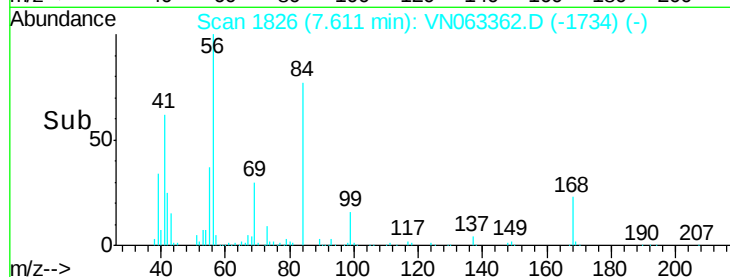
84 78.9 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063362.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063362.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063362.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 151.266 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

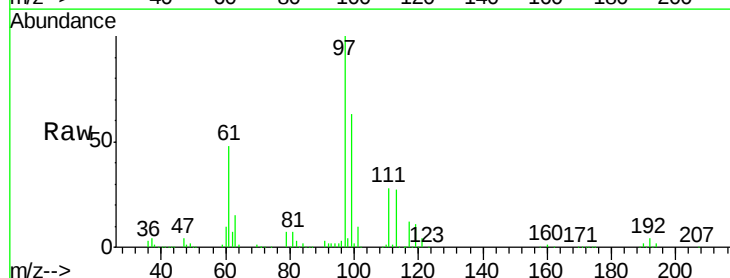
Tgt Ion: 97 Resp: 954471

Ion Ratio Lower Upper

97 100

99 63.6 50.6 76.0

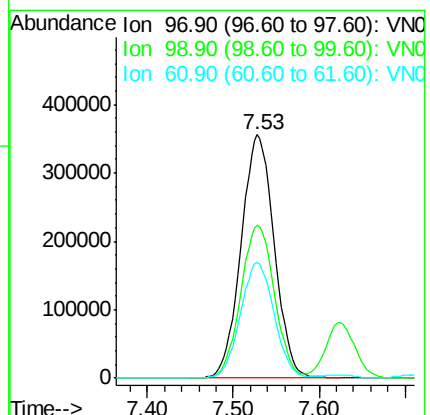
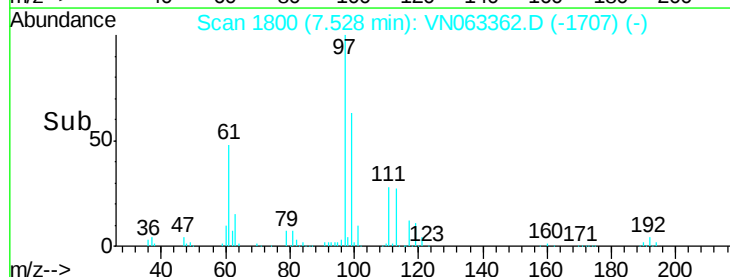
61 48.3 39.2 58.8

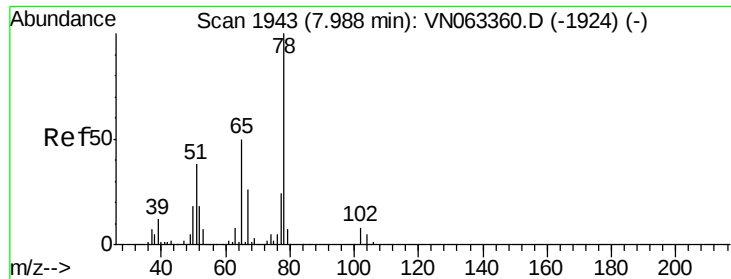


Abundance Ion 96.90 (96.60 to 97.60): VN063362.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063362.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063362.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 154.515 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

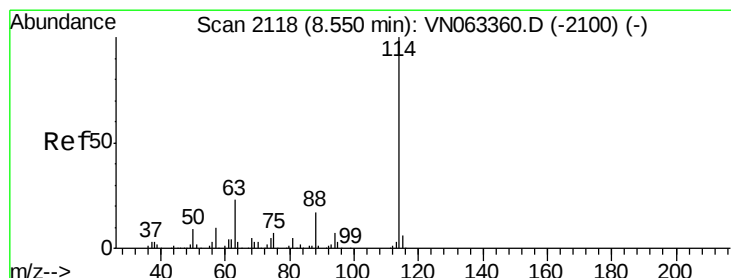
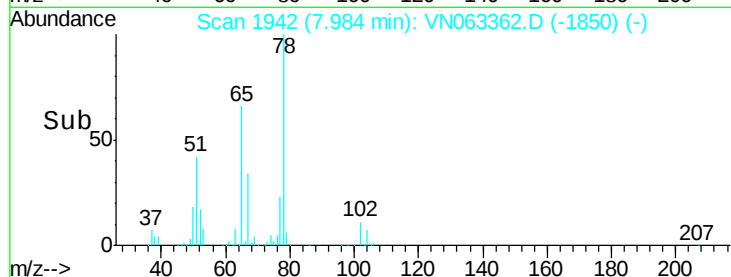
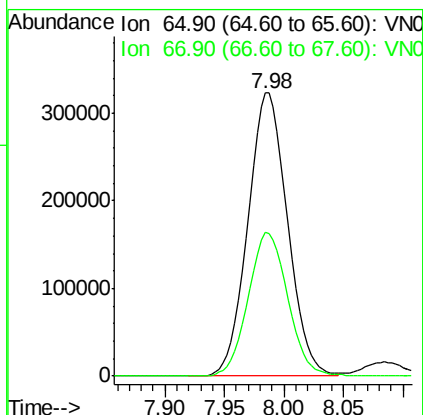
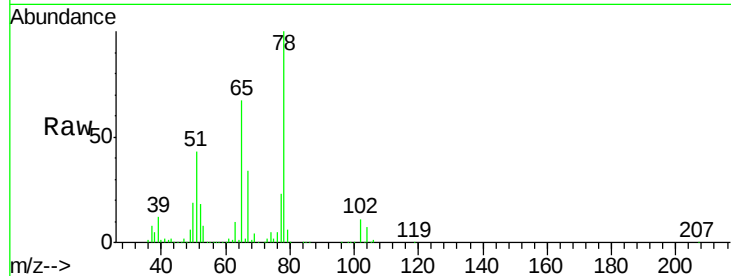
VSTDIC150

Tgt Ion: 65 Resp: 744869

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

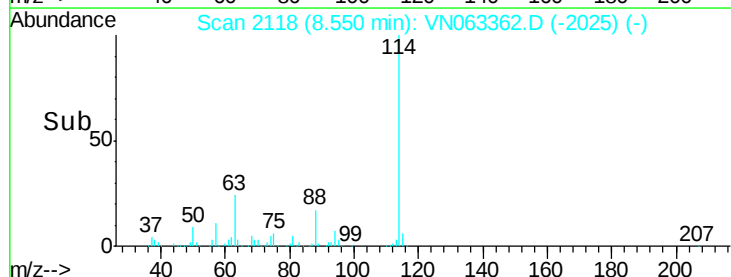
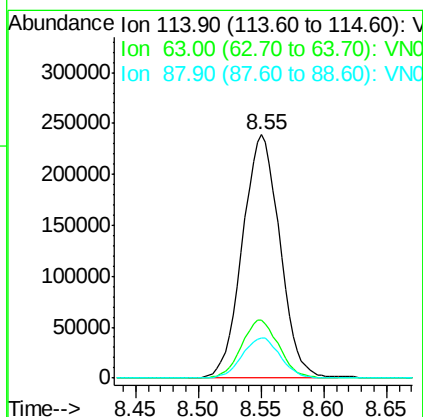
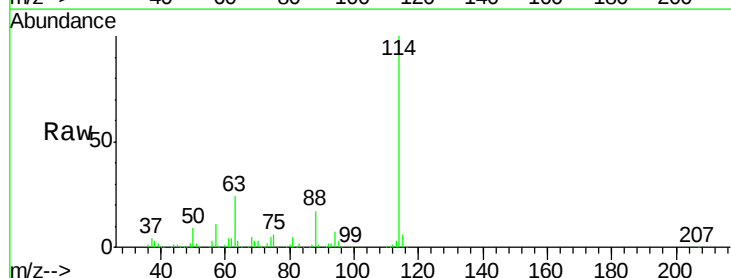
Tgt Ion: 114 Resp: 495859

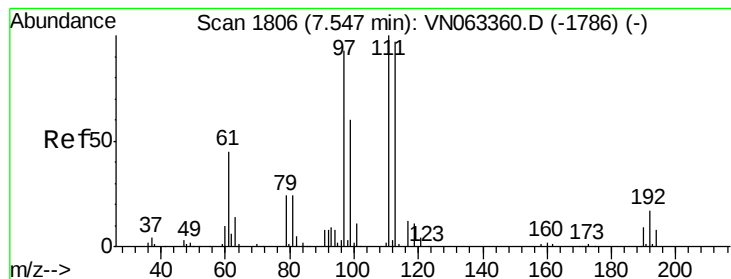
Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.4

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 153.501 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

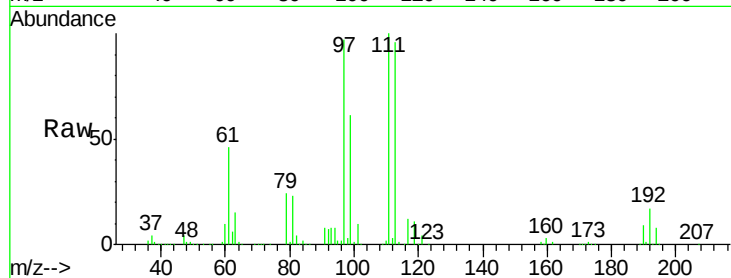
Tgt Ion: 113 Resp: 524480

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

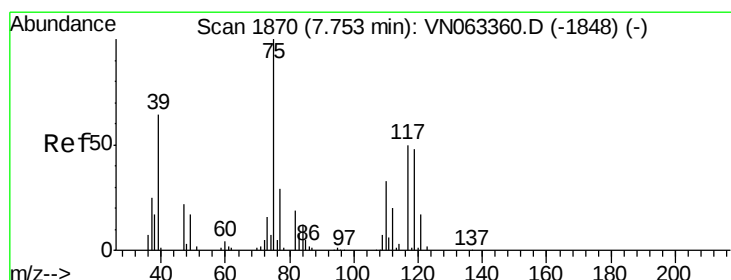
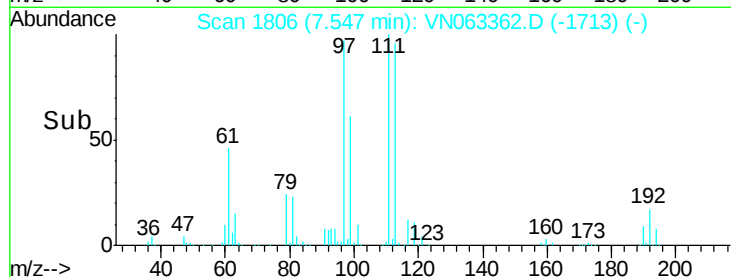
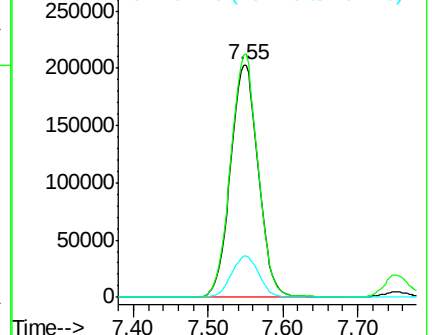
192 17.6 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 151.215 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

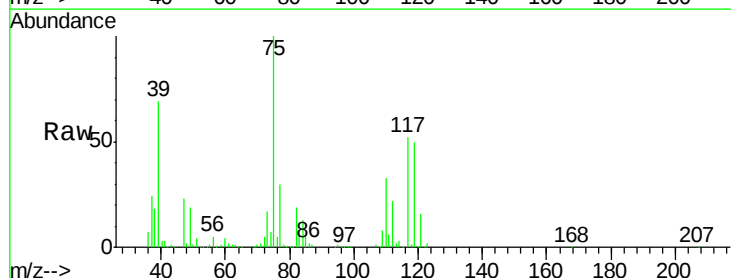
Tgt Ion: 75 Resp: 797744

Ion Ratio Lower Upper

75 100

110 32.5 16.5 49.5

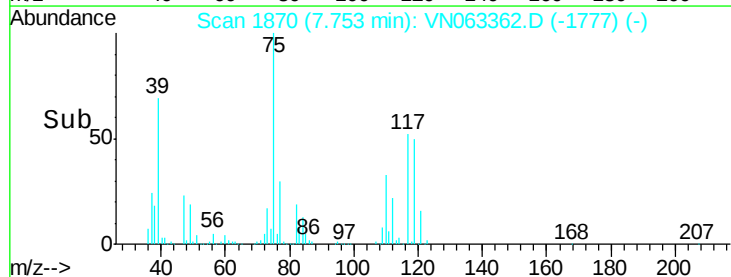
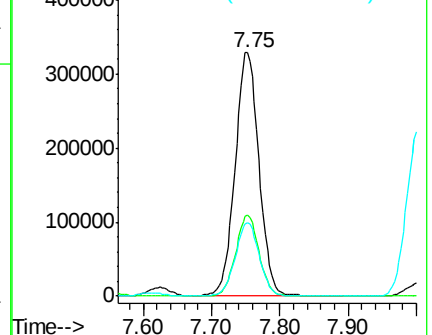
77 30.5 24.6 36.8

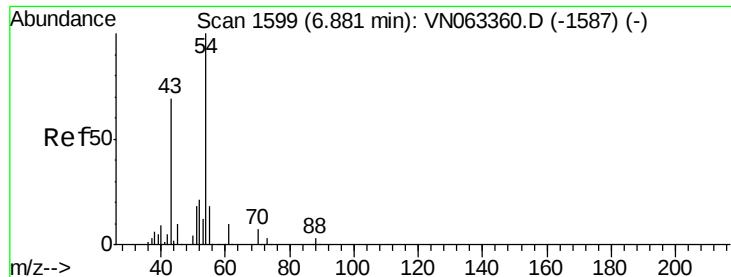


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

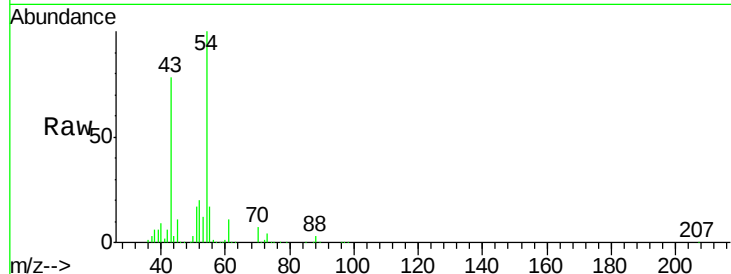




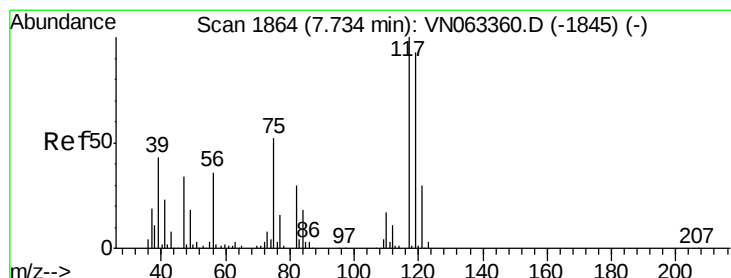
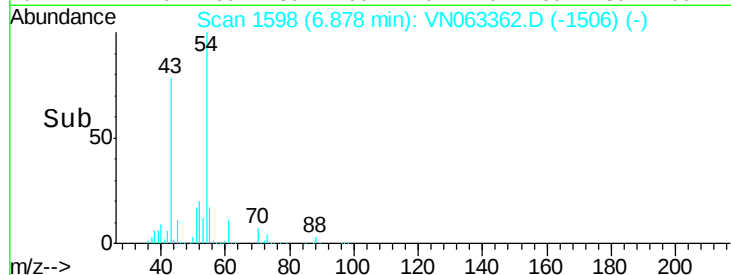
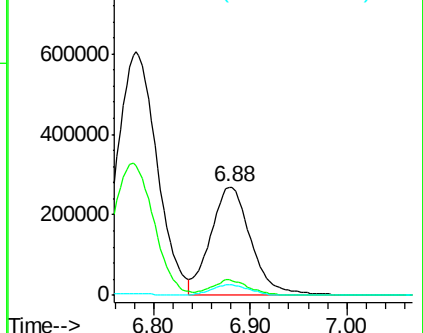
#37
 Ethyl Acetate
 Concen: 147.589 ug/l
 RT: 6.88 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 767263
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.6 15.8
 70 9.3 7.2 10.8

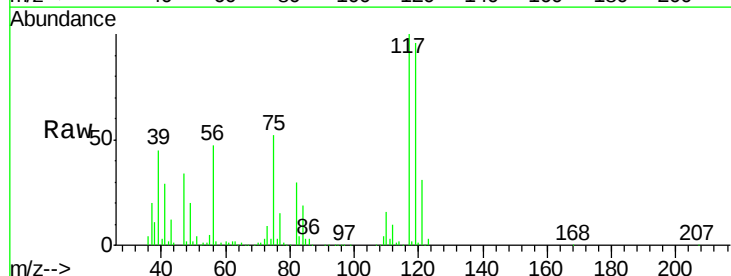


Abundance Ion 43.00 (42.70 to 43.70): VN063362.D (-1506) (-)
 Ion 60.90 (60.60 to 61.60): VN063362.D (-1506) (-)
 Ion 70.00 (69.70 to 70.70): VN063362.D (-1506) (-)

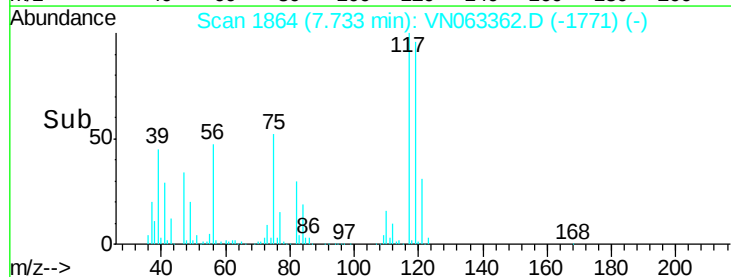
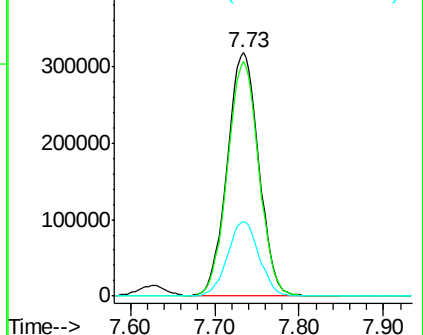


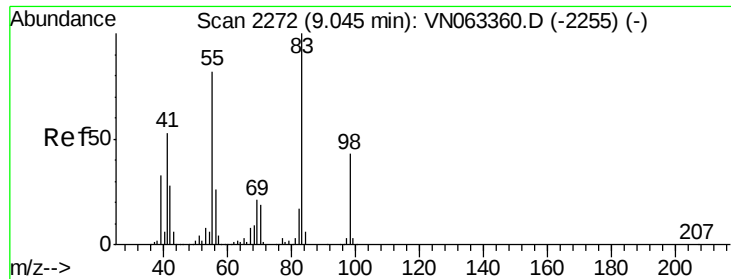
#38
 Carbon Tetrachloride
 Concen: 153.848 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

Tgt Ion: 117 Resp: 826107
 Ion Ratio Lower Upper
 117 100
 119 96.3 74.5 111.7
 121 30.8 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): VN063362.D (-1771) (-)
 Ion 118.80 (118.50 to 119.50): VN063362.D (-1771) (-)
 Ion 120.80 (120.50 to 121.50): VN063362.D (-1771) (-)

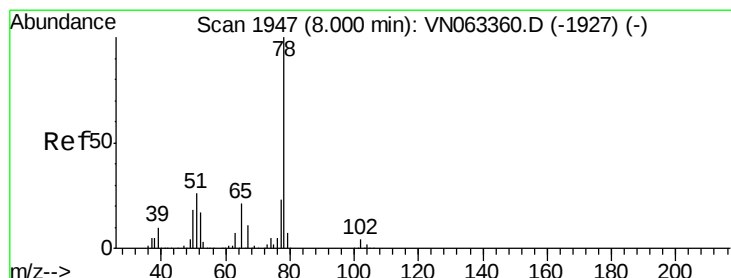
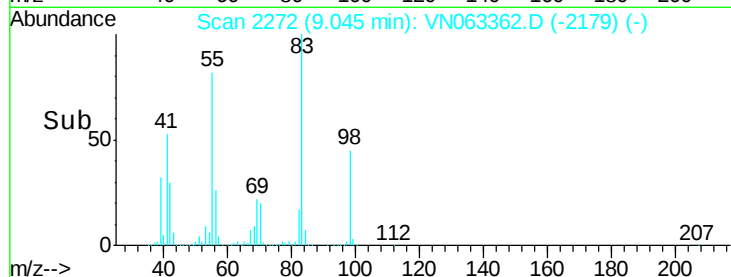
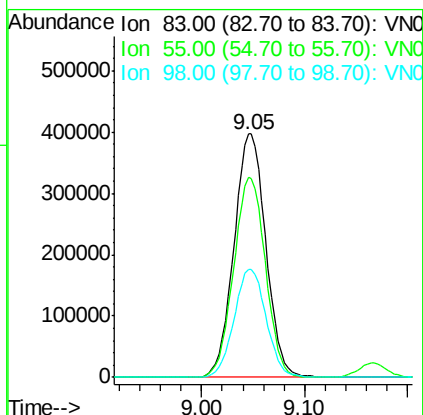
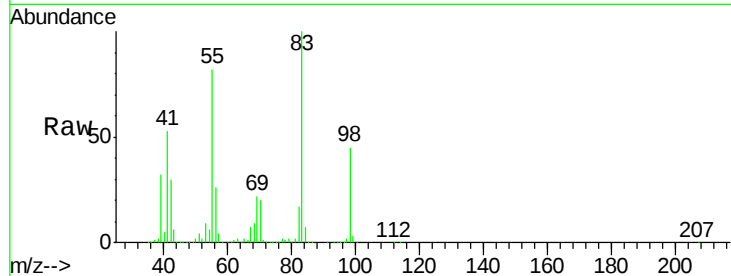




#39
Methylcyclohexane
Concen: 148.399 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

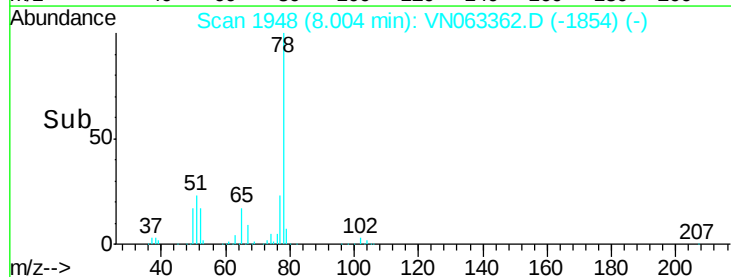
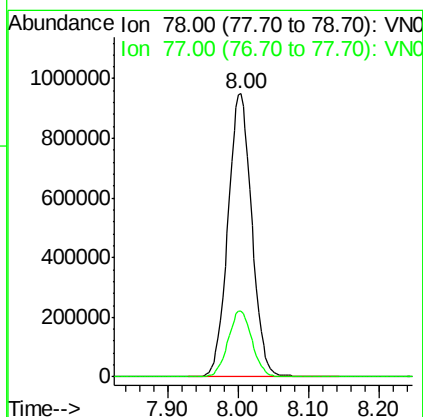
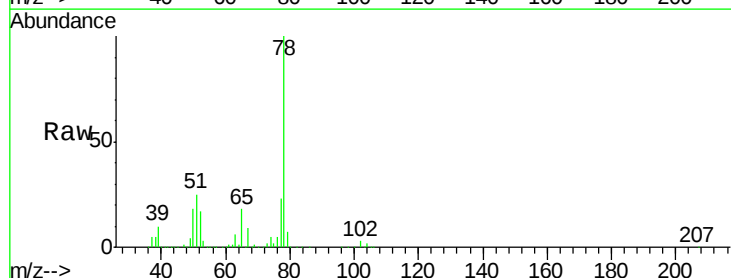
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

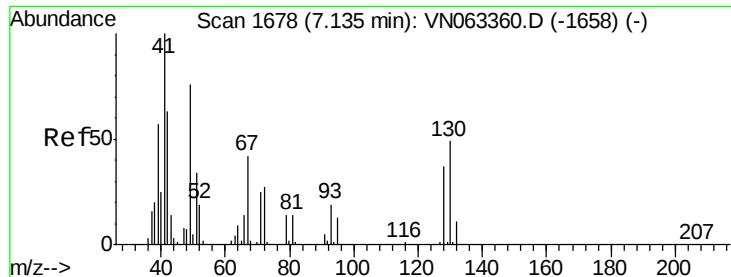
Tgt Ion: 83 Resp: 852349
Ion Ratio Lower Upper
83 100
55 81.9 65.5 98.3
98 44.5 34.2 51.4



#40
Benzene
Concen: 148.611 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion: 78 Resp: 2244528
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5



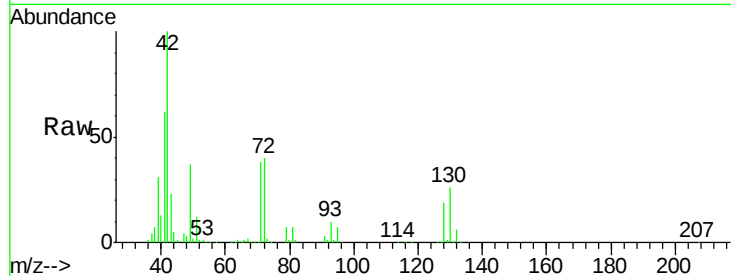


#41
Methacrylonitrile
Concen: 485.879 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 1117532

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

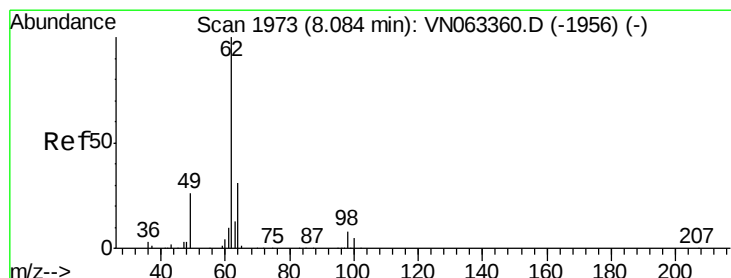
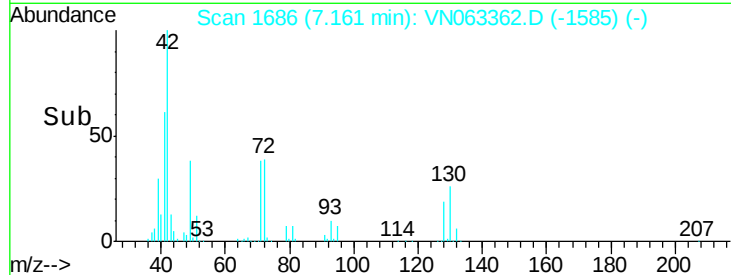
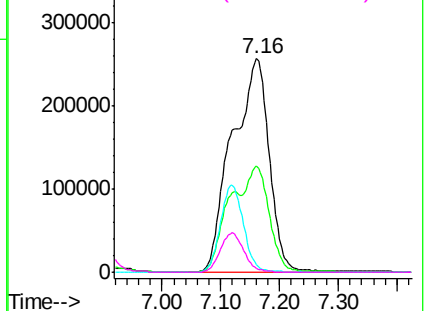


Abundance Ion 41.00 (40.70 to 41.70): VN063362.D (-1686) (-)

Ion 39.00 (38.70 to 39.70): VN063362.D (-1686) (-)

Ion 67.00 (66.70 to 67.70): VN063362.D (-1686) (-)

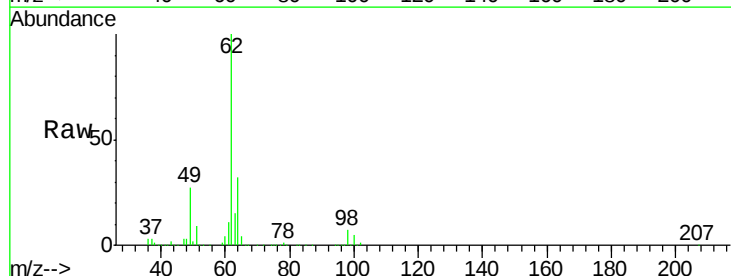
Ion 52.00 (51.70 to 52.70): VN063362.D (-1686) (-)



#42
1,2-Dichloroethane
Concen: 152.466 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

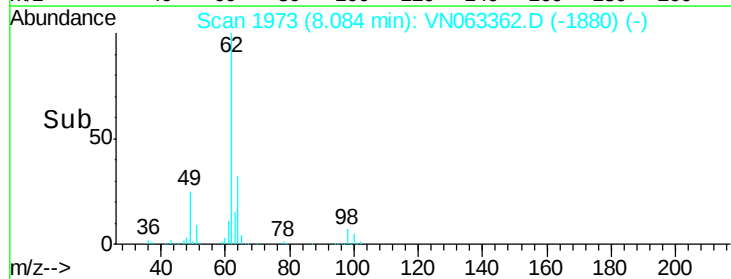
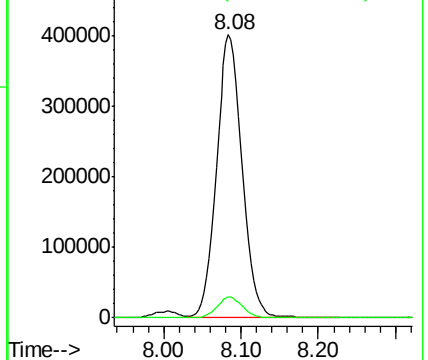
Tgt Ion: 62 Resp: 922096

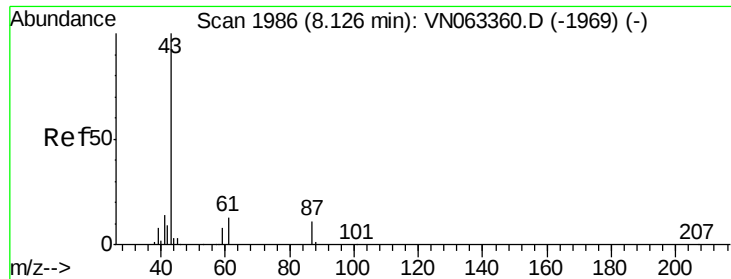
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VN063362.D (-1973) (-)

Ion 97.90 (97.60 to 98.60): VN063362.D (-1973) (-)





#43

Isopropyl Acetate

Concen: 147.061 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

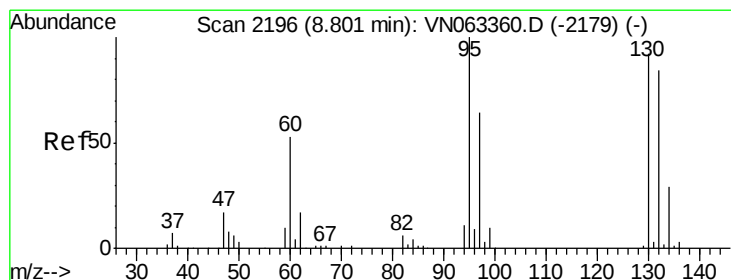
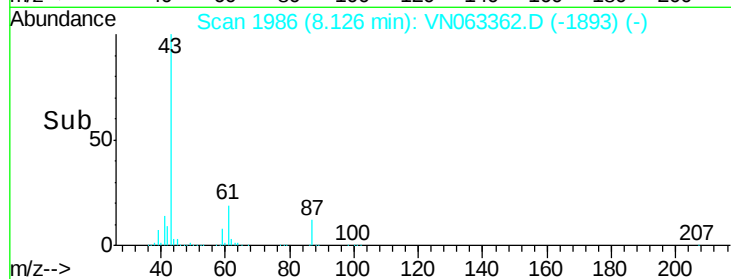
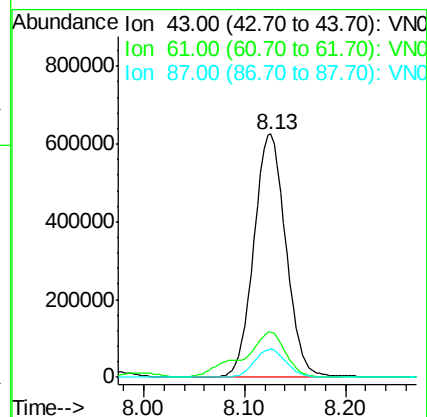
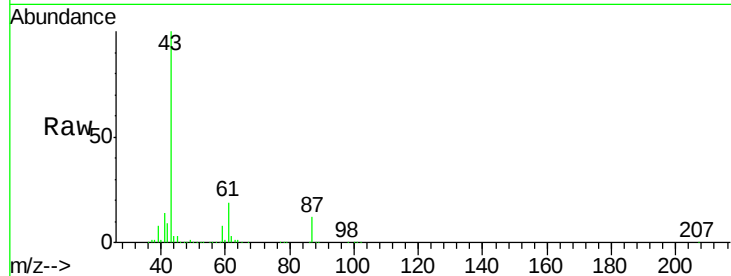
MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 1367842

Ion	Ratio	Lower	Upper
43	100		
61	25.1	14.2	21.2#
87	11.6	9.0	13.6



#44

Trichloroethene

Concen: 148.099 ug/l

RT: 8.80 min Scan# 2196

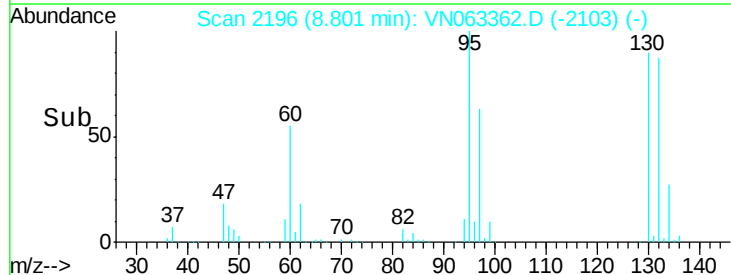
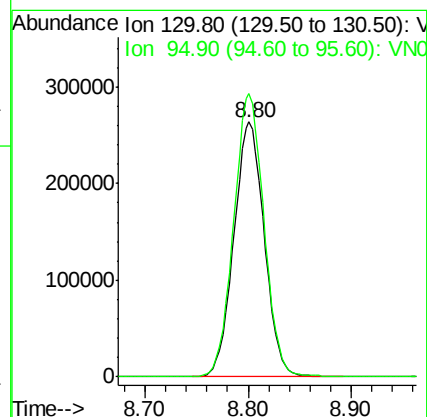
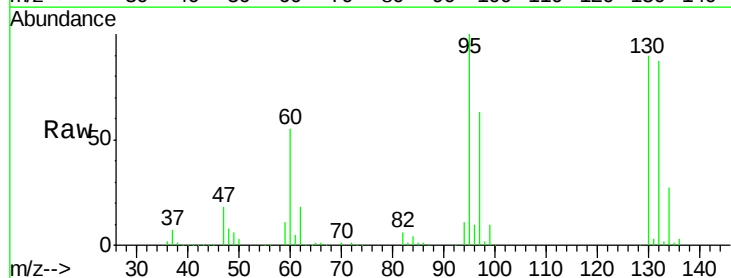
Delta R.T. -0.00 min

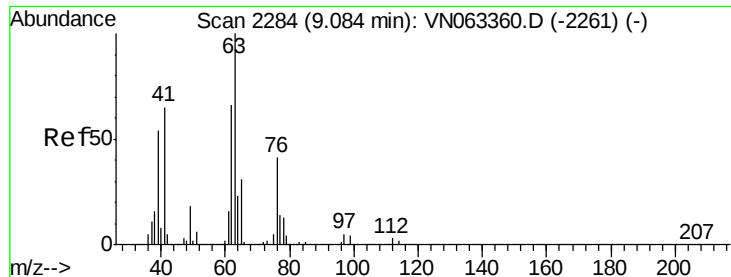
Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Tgt Ion: 130 Resp: 542836

Ion	Ratio	Lower	Upper
130	100		
95	111.1	0.0	217.4





#45

1,2-Dichloropropane

Concen: 149.444 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

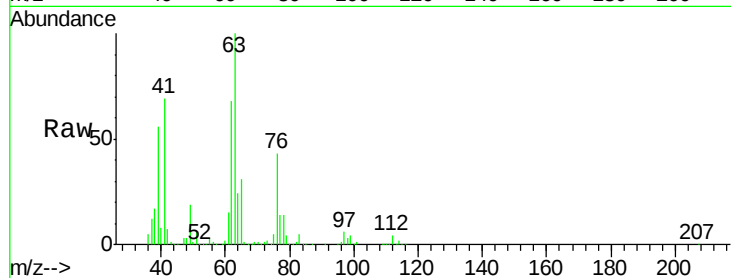
VSTDIC150

Tgt Ion: 63 Resp: 614172

Ion Ratio Lower Upper

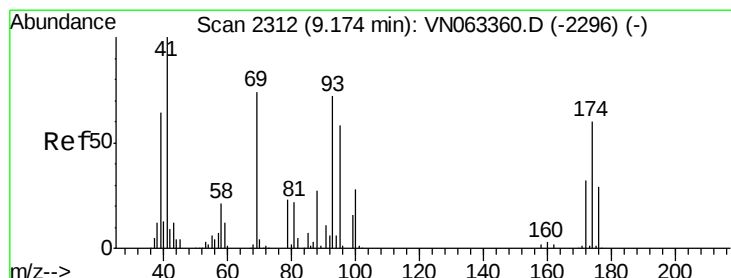
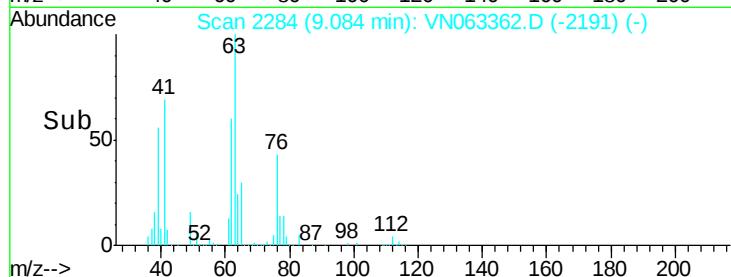
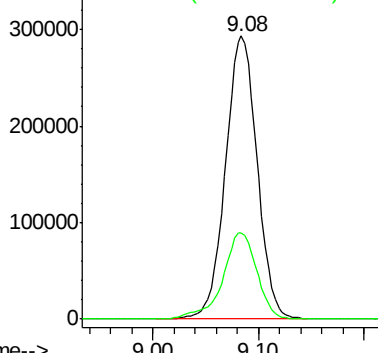
63 100

65 30.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 149.943 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

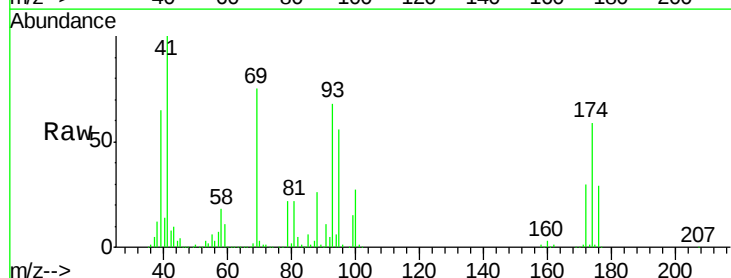
Tgt Ion: 93 Resp: 404792

Ion Ratio Lower Upper

93 100

95 81.4 65.6 98.4

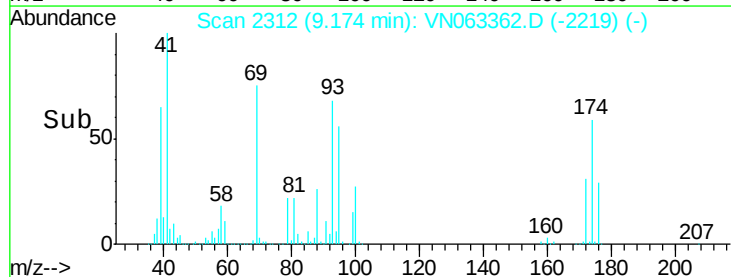
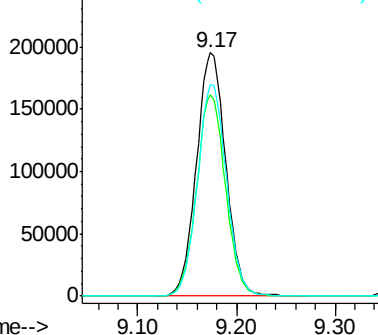
174 86.0 68.1 102.1

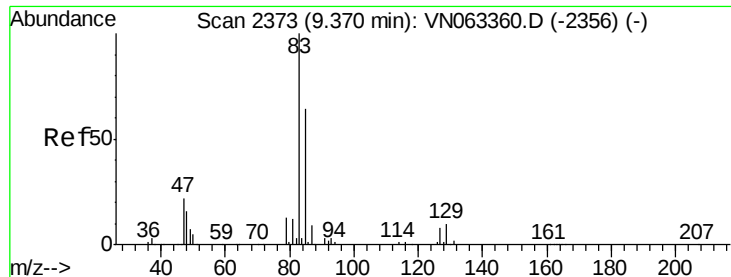


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 157.247 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

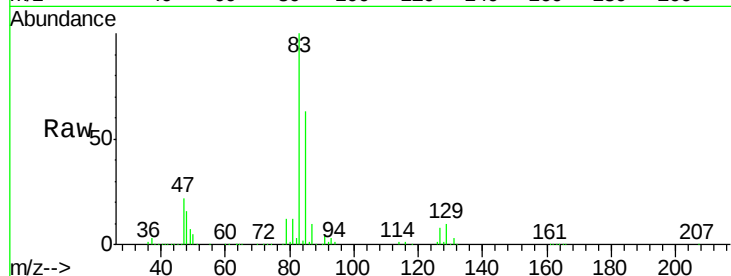
Tgt Ion: 83 Resp: 874807

Ion Ratio Lower Upper

83 100

85 63.4 51.0 76.6

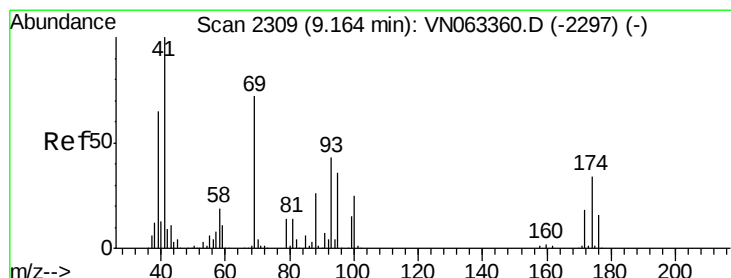
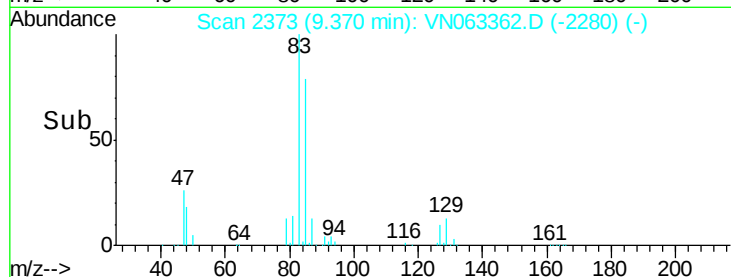
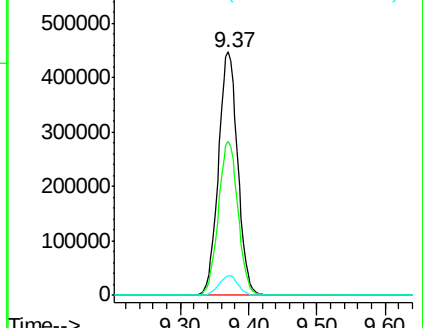
127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063362.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063362.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063362.D (-2280) (-)



#48

Methyl methacrylate

Concen: 147.870 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

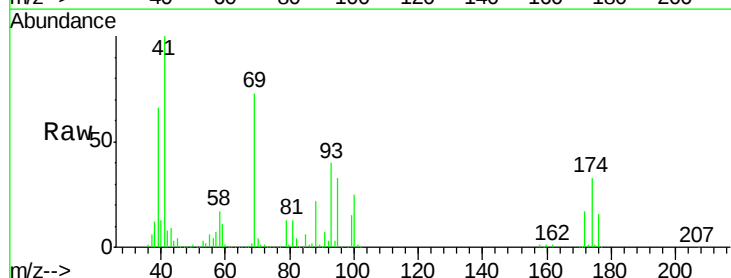
Tgt Ion: 41 Resp: 675119

Ion Ratio Lower Upper

41 100

69 75.9 59.3 88.9

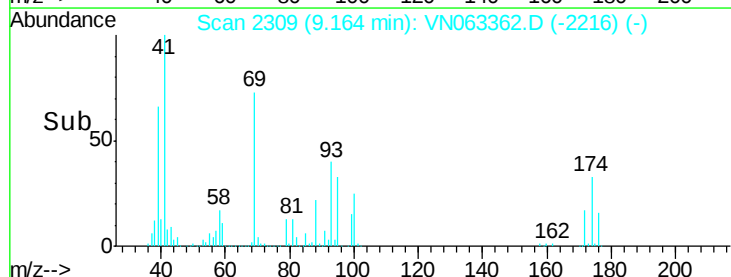
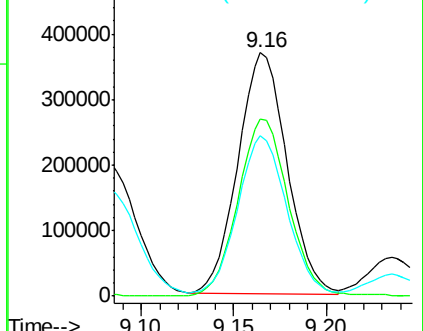
39 67.6 52.9 79.3

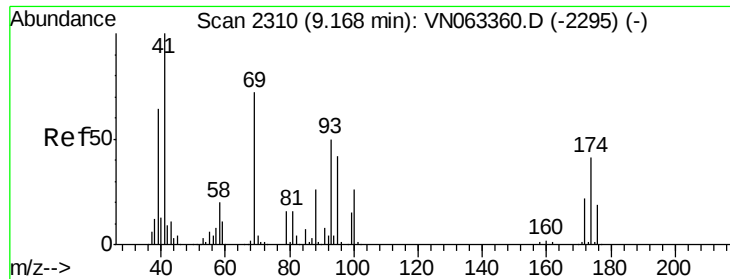


Abundance Ion 41.00 (40.70 to 41.70): VN063362.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063362.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063362.D (-2216) (-)

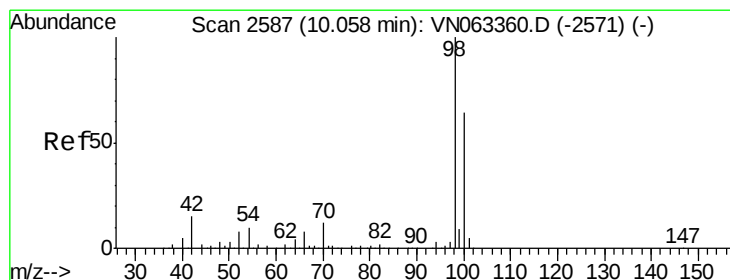
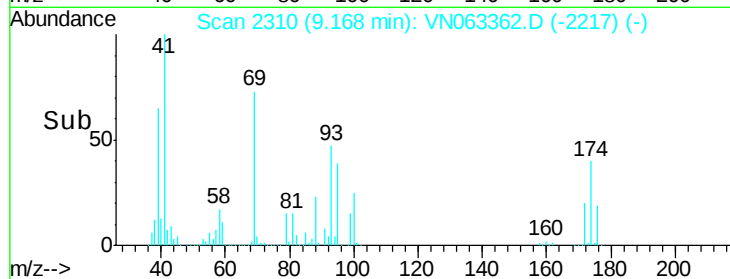
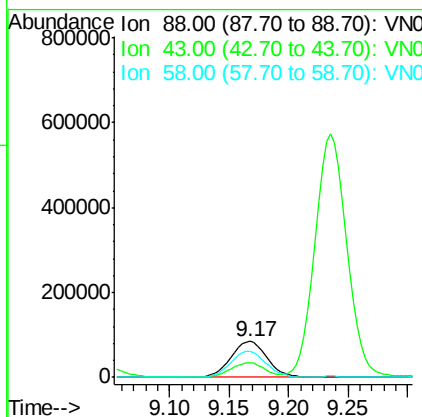
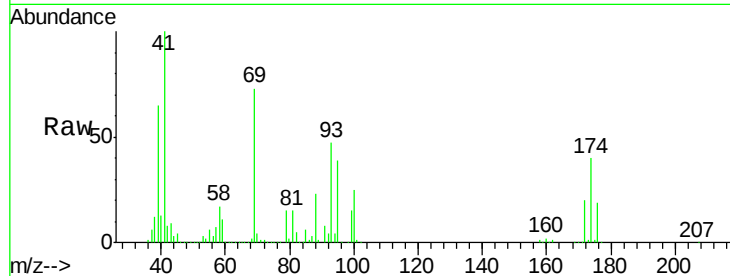




#49
1,4-Dioxane
Concen: 2644.754 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

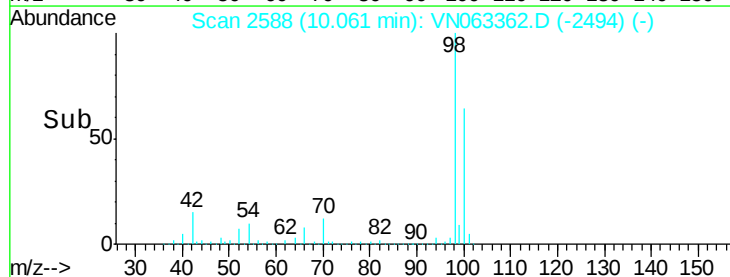
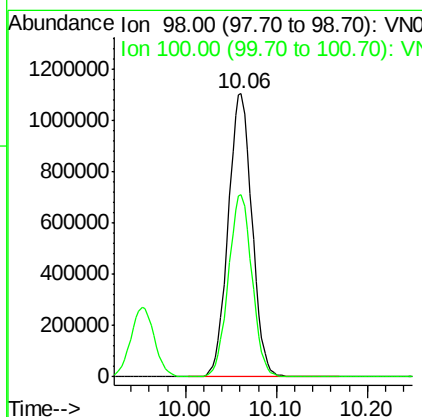
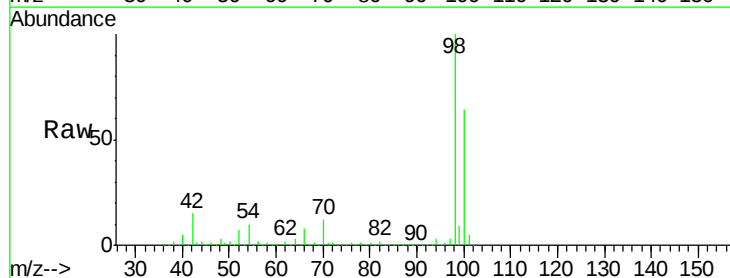
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

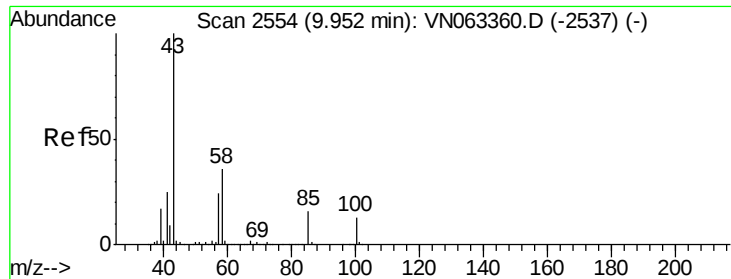
Tgt Ion: 88 Resp: 176353
Ion Ratio Lower Upper
88 100
43 38.7 32.6 49.0
58 71.7 60.0 90.0



#50
Toluene-d8
Concen: 156.860 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion: 98 Resp: 2006353
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1

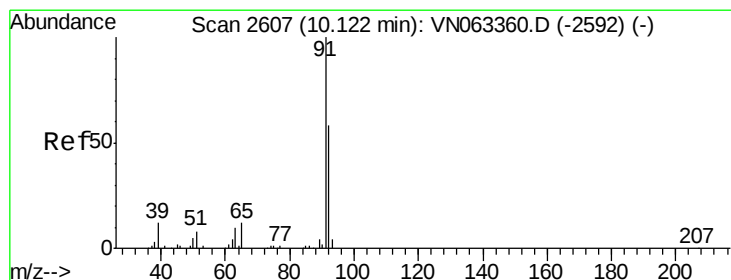
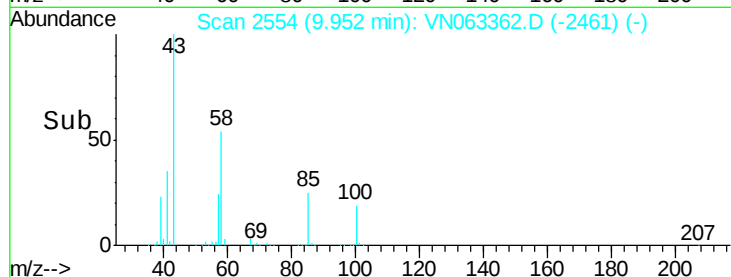
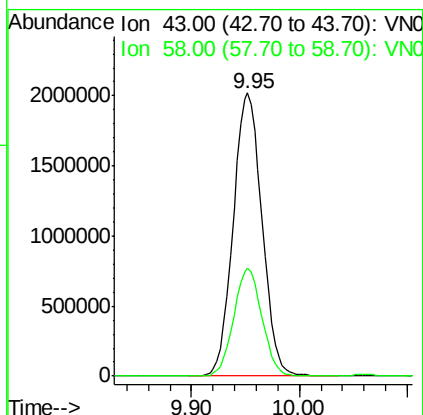
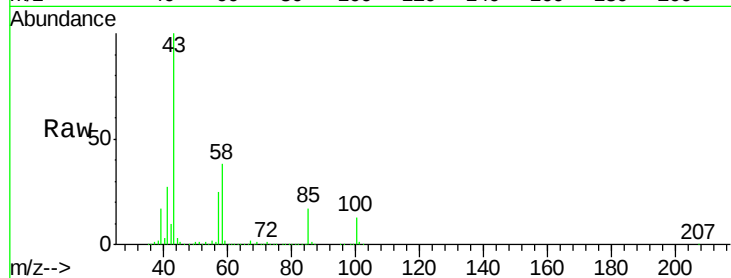




#51
 4-Methyl-2-Pentanone
 Concen: 717.678 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

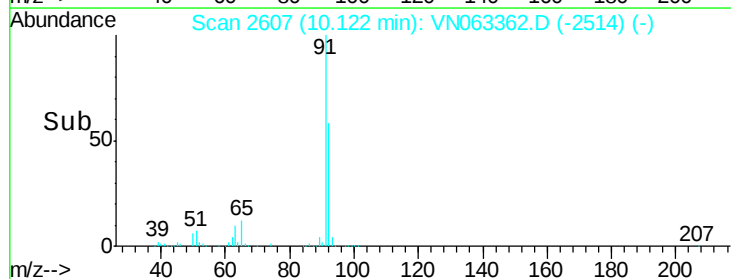
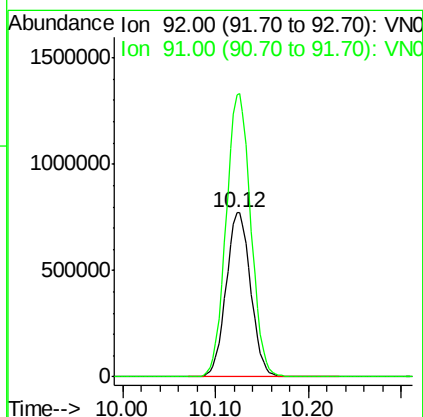
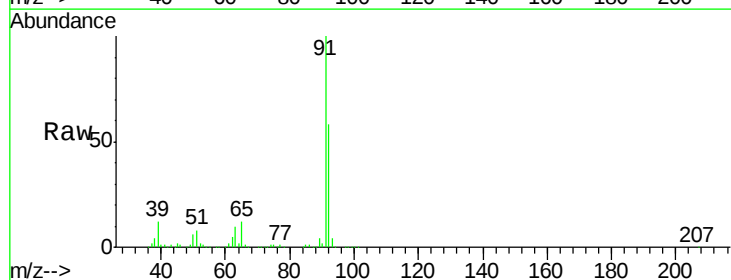
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

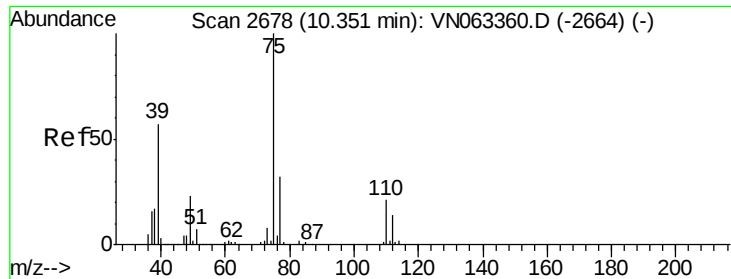
Tgt Ion: 43 Resp: 3751787
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.0 43.6



#52
 Toluene
 Concen: 157.622 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

Tgt Ion: 92 Resp: 1417105
 Ion Ratio Lower Upper
 92 100
 91 173.4 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 160.438 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

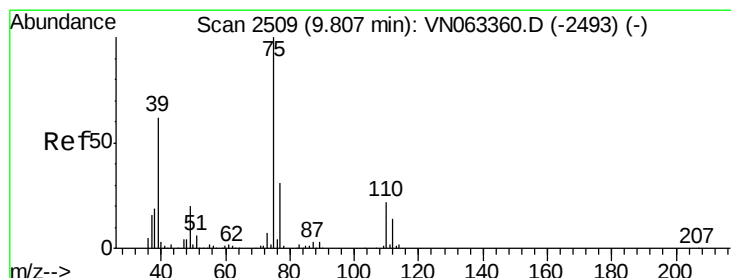
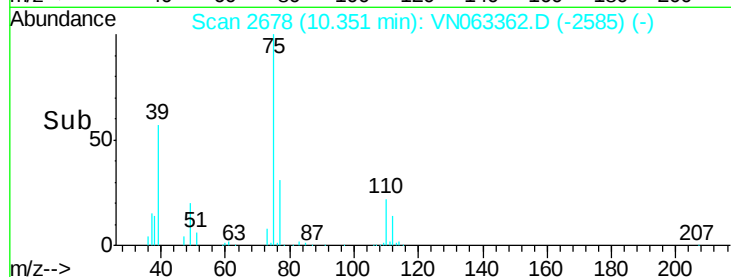
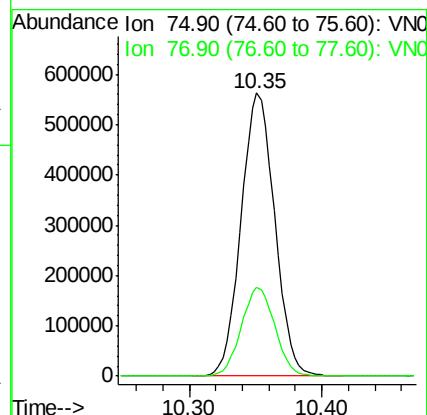
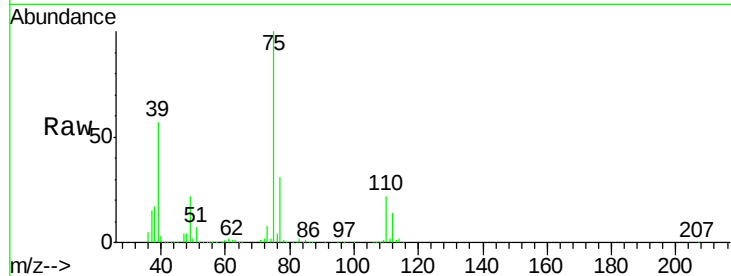
VSTDIC150

Tgt Ion: 75 Resp: 992953

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 158.064 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

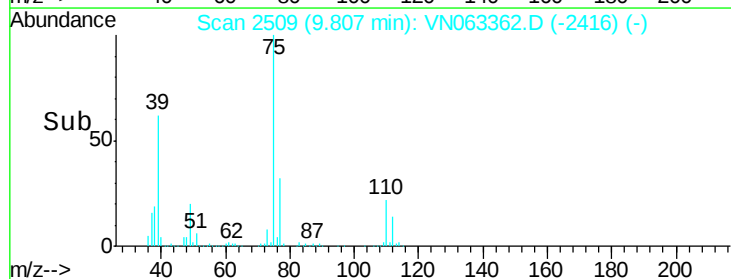
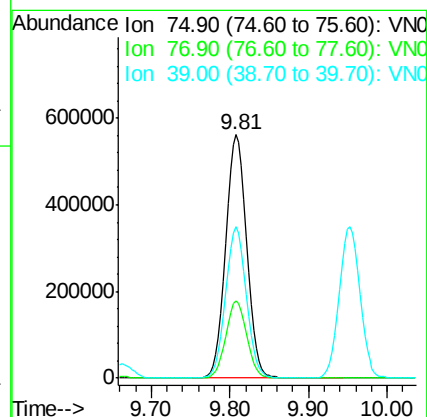
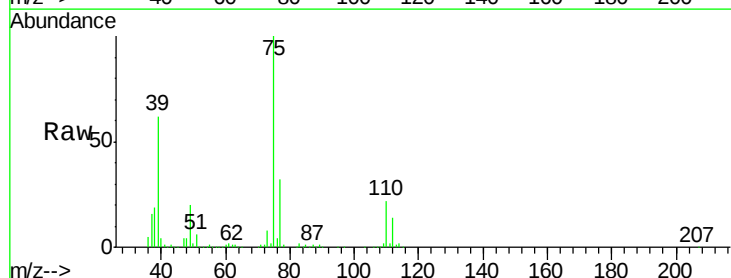
Tgt Ion: 75 Resp: 1034563

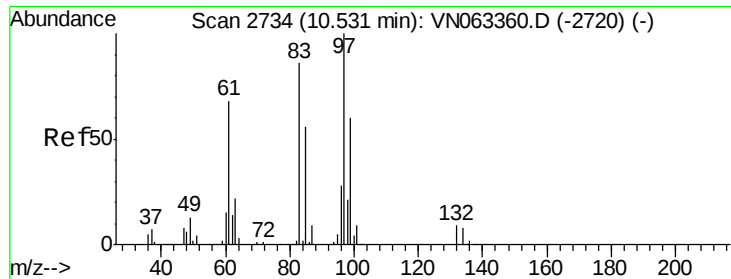
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 61.9 49.8 74.8

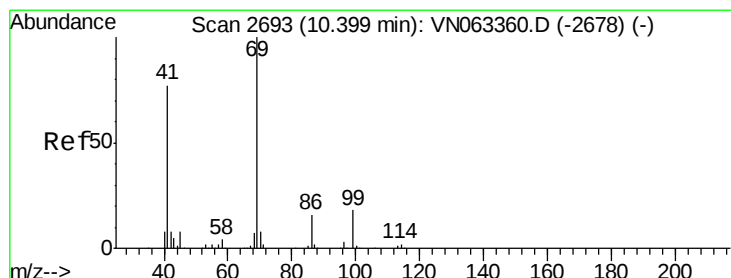
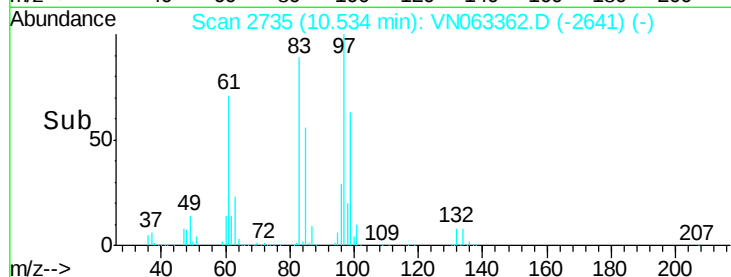
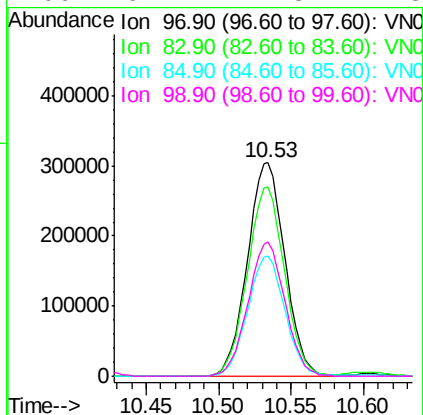
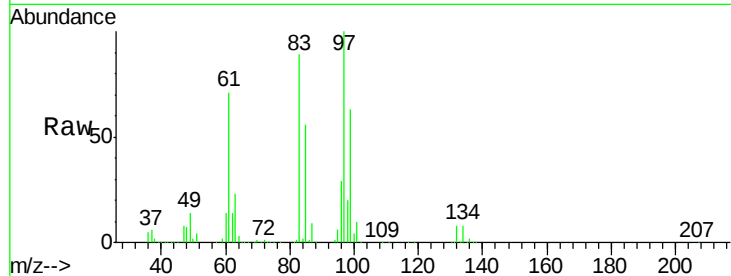




#55
 1,1,2-Trichloroethane
 Concen: 152.445 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

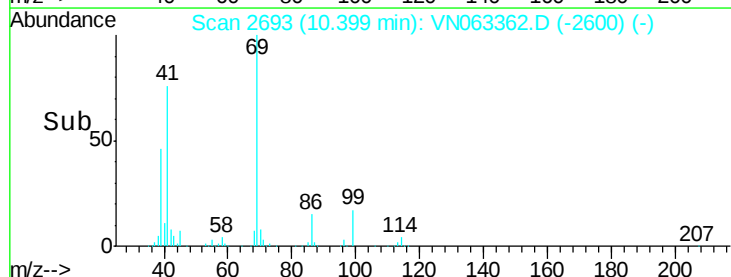
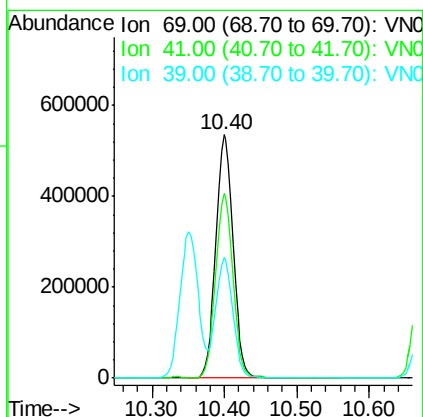
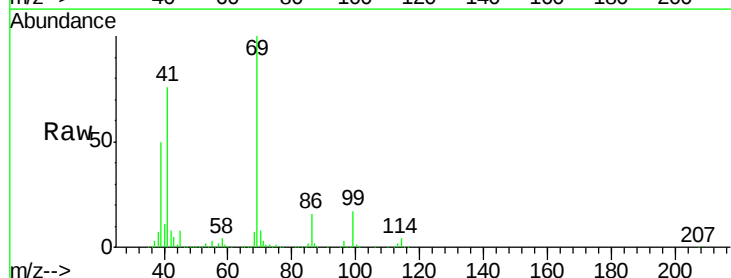
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	547516
Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.9	103.3
85	56.2	44.8	67.2
99	62.7	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 160.080 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

Tgt Ion:	69	Resp:	890014
Ion	Ratio	Lower	Upper
69	100		
41	75.0	61.0	91.6
39	48.8	39.2	58.8





#57

1,3-Dichloropropane

Concen: 148.924 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

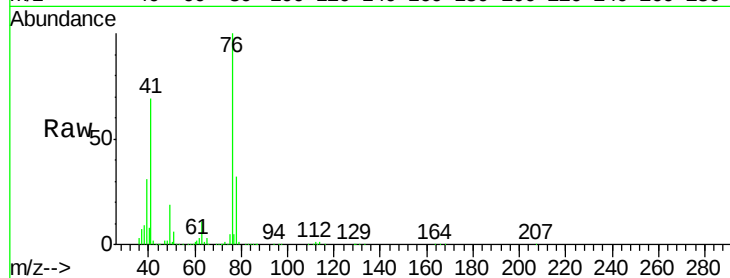
VSTDIC150

Tgt Ion: 76 Resp: 968326

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN063362.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN063362.D (-2764) (-)

10.68

600000

500000

400000

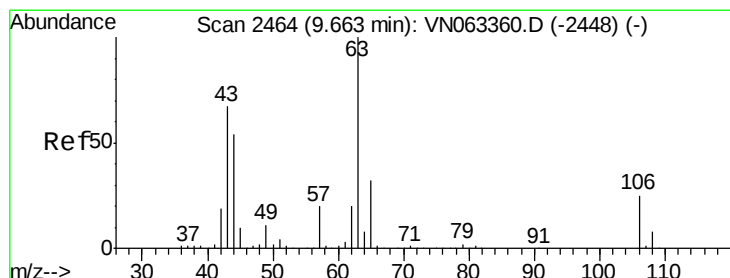
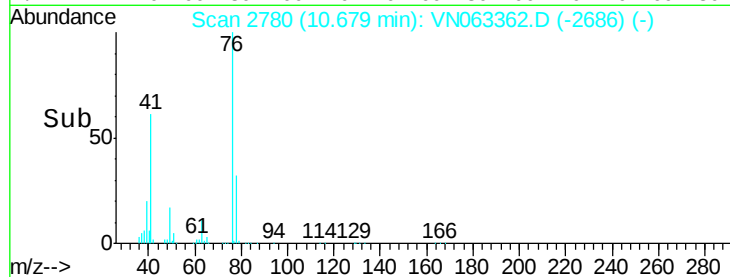
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 769.708 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063362.D

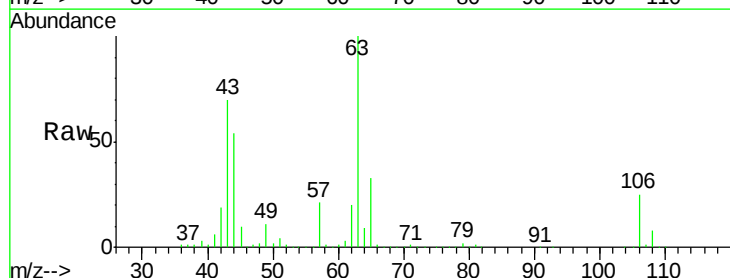
Acq: 16 Sep 2020 12:43

Tgt Ion: 63 Resp: 2260153

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN063362.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN063362.D (-2448) (-)

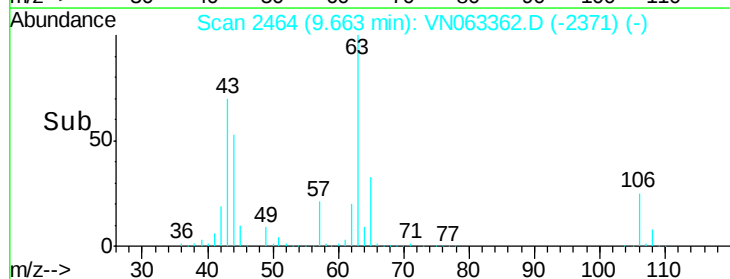
9.66

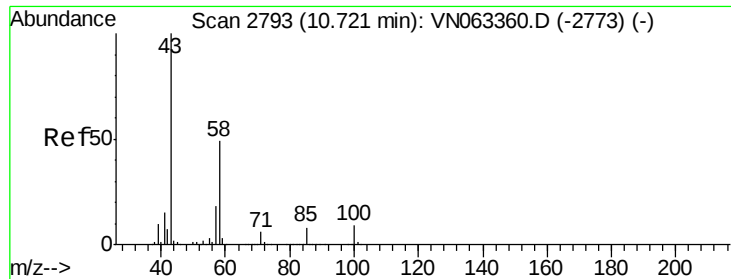
1000000

500000

0

Time-->

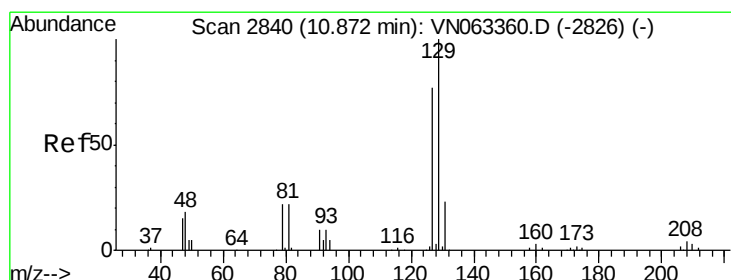
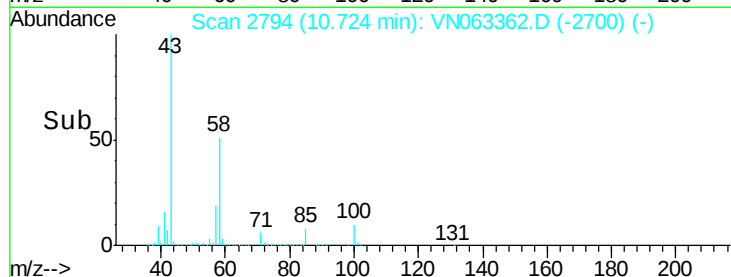
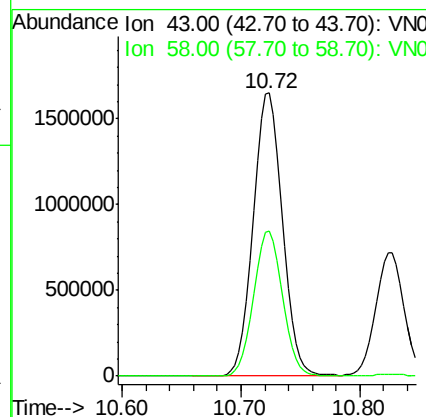
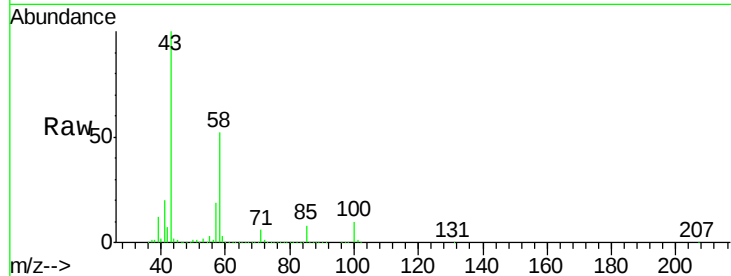




#59
2-Hexanone
Concen: 747.117 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

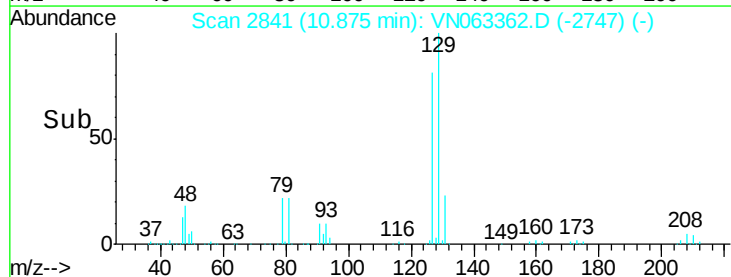
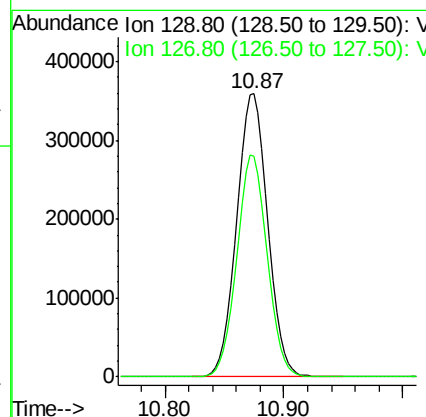
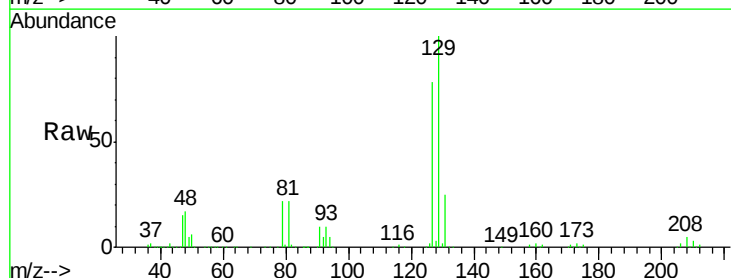
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

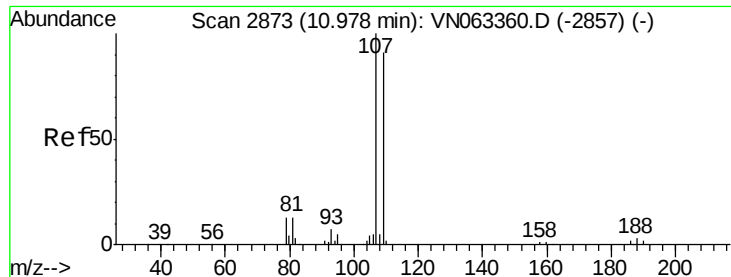
Tgt Ion: 43 Resp: 2811035
Ion Ratio Lower Upper
43 100
58 50.8 24.7 74.1



#60
Dibromochloromethane
Concen: 161.553 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion: 129 Resp: 648955
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





#61

1,2-Dibromoethane

Concen: 156.487 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

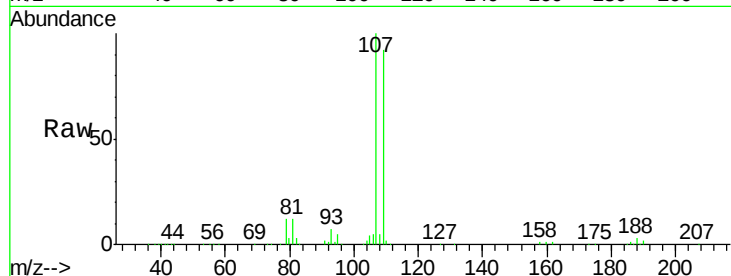
VSTDIC150

Tgt Ion: 107 Resp: 581307

Ion Ratio Lower Upper

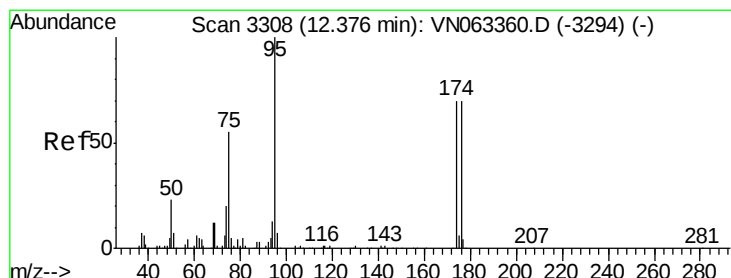
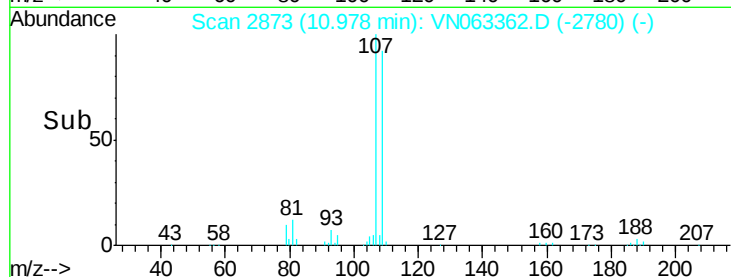
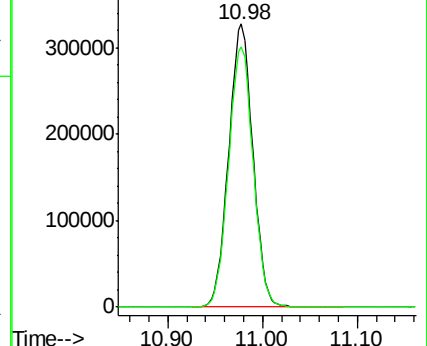
107 100

109 93.7 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 168.340 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

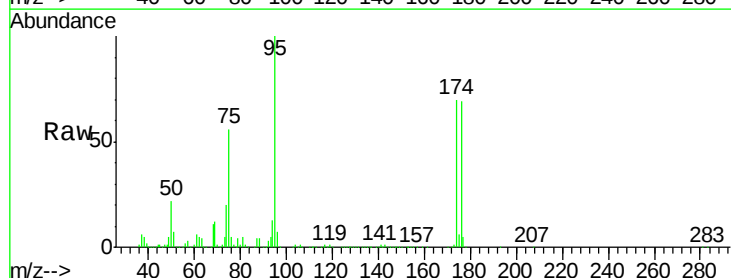
Tgt Ion: 95 Resp: 777524

Ion Ratio Lower Upper

95 100

174 70.4 0.0 140.8

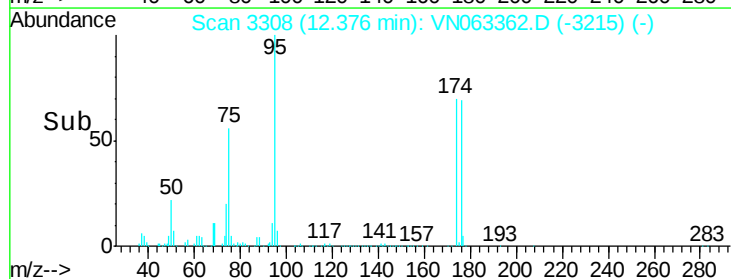
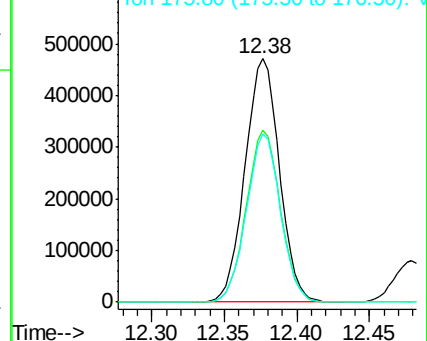
176 68.4 0.0 137.6

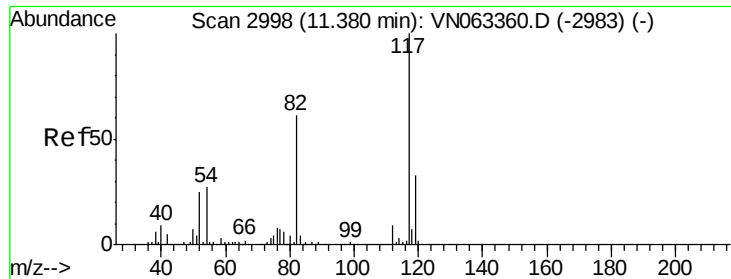


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

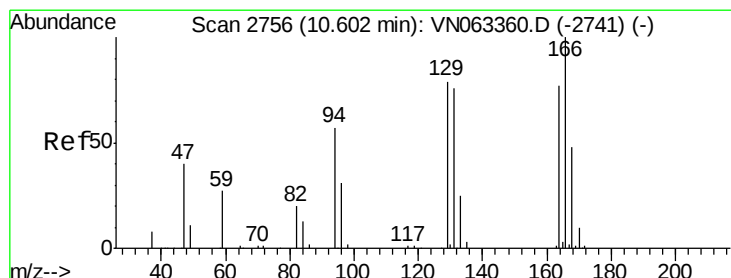
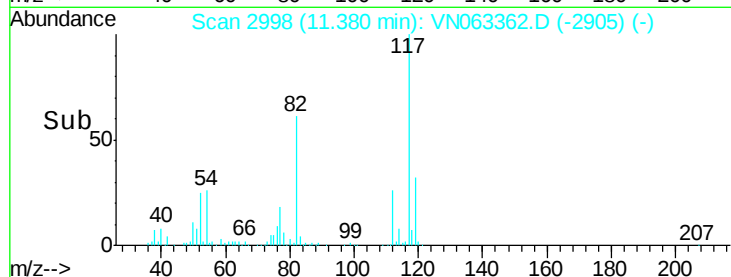
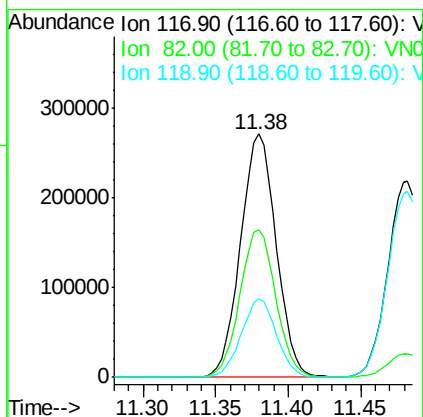
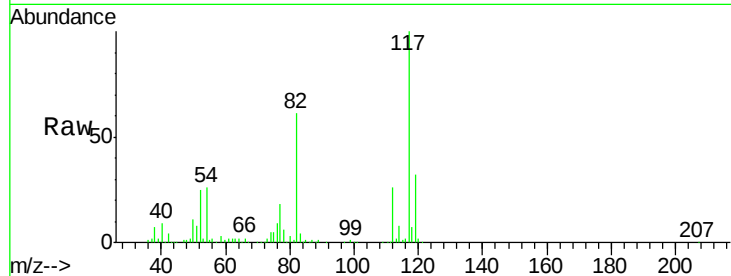




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

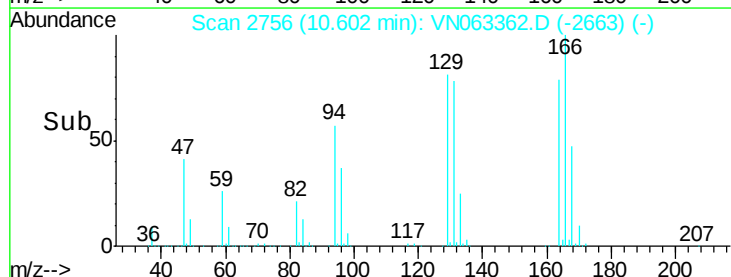
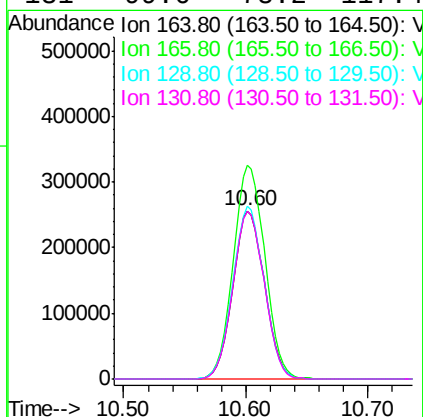
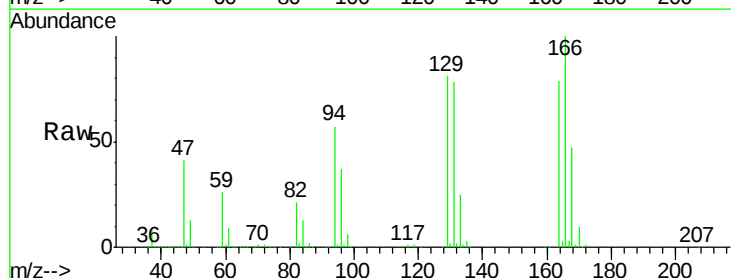
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

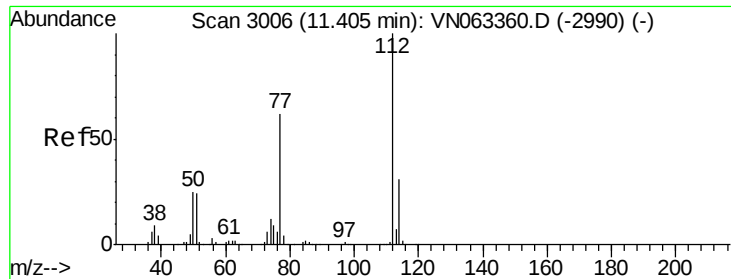
Tgt Ion:117 Resp: 464444
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 145.040 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion:164 Resp: 461236
Ion Ratio Lower Upper
164 100
166 127.1 103.4 155.0
129 102.6 81.8 122.6
131 99.6 78.2 117.4

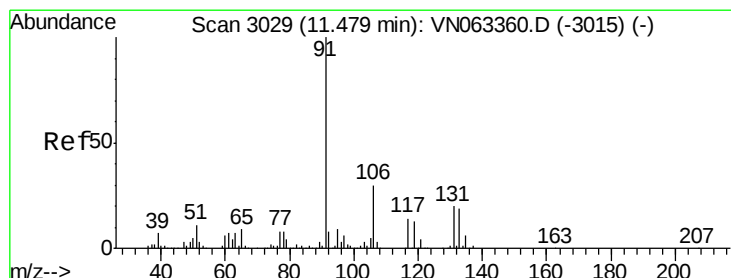
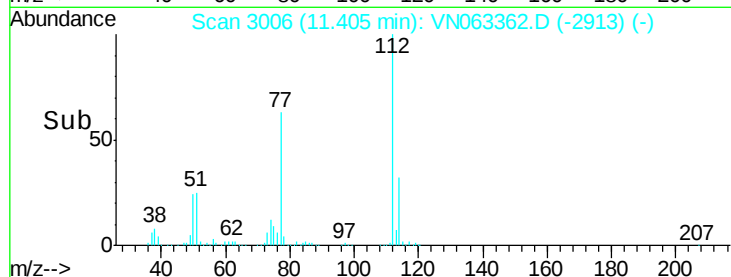
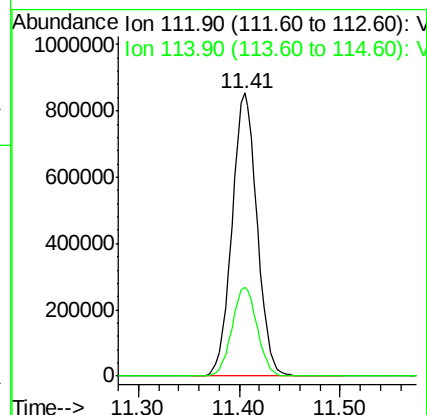
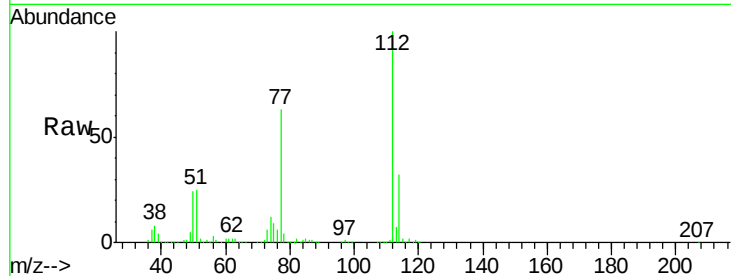




#65
Chlorobenzene
Concen: 149.481 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

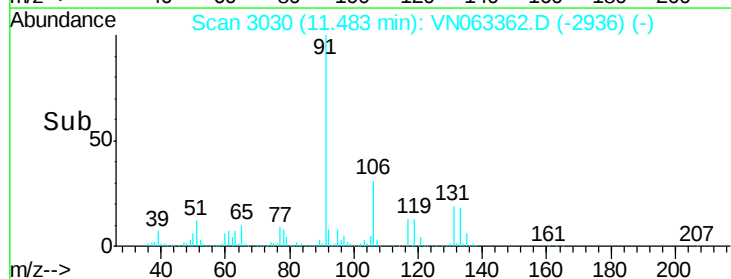
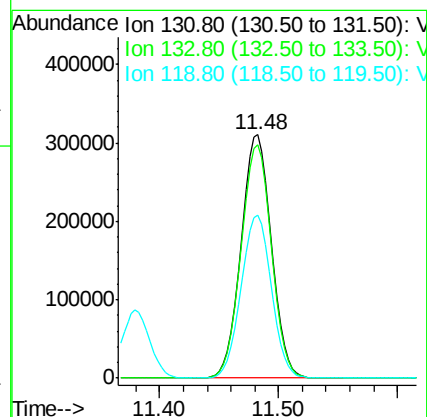
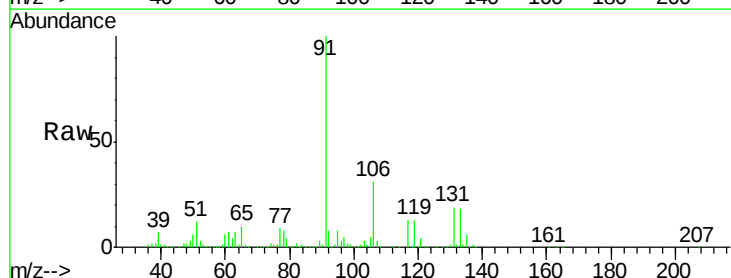
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

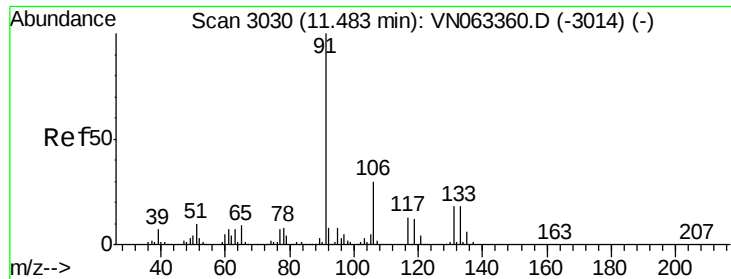
Tgt Ion:112 Resp: 1474559
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 151.855 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion:131 Resp: 547657
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.9
119 67.2 33.6 100.8

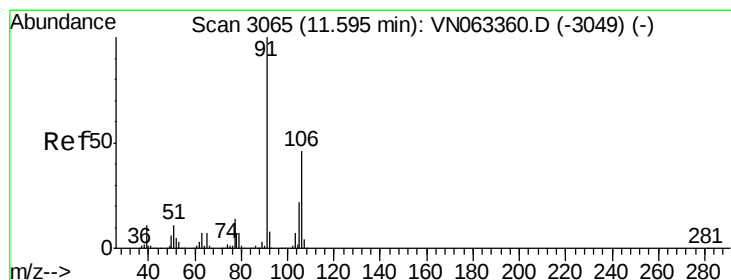
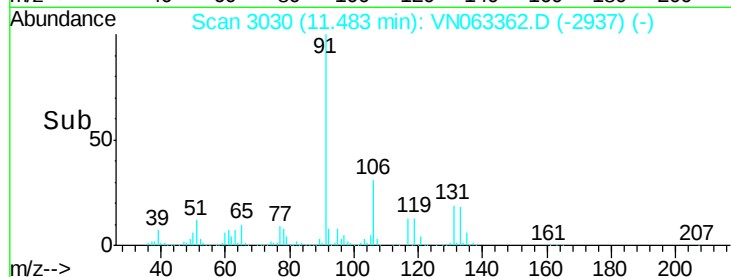
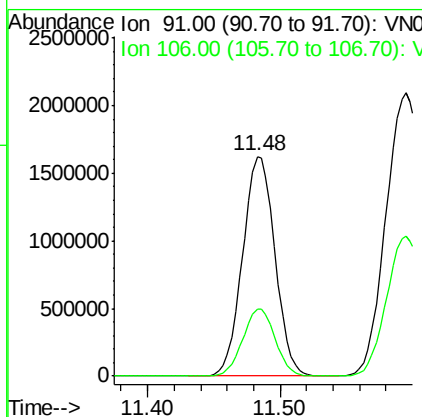
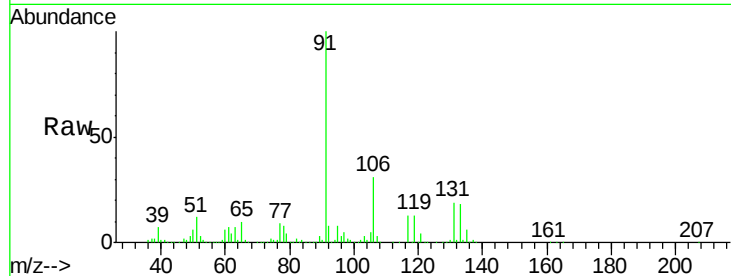




#67
Ethyl Benzene
Concen: 147.579 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

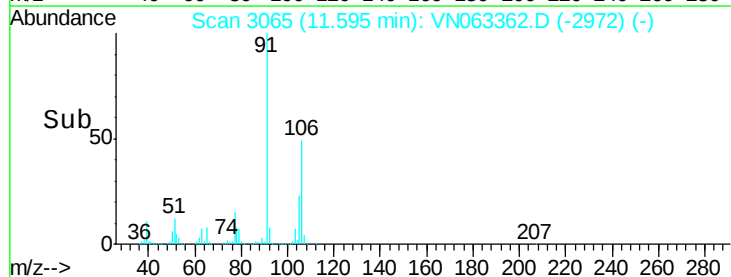
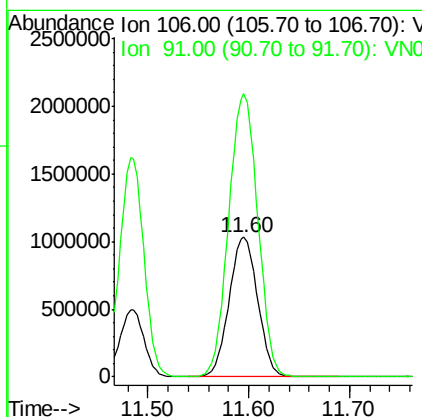
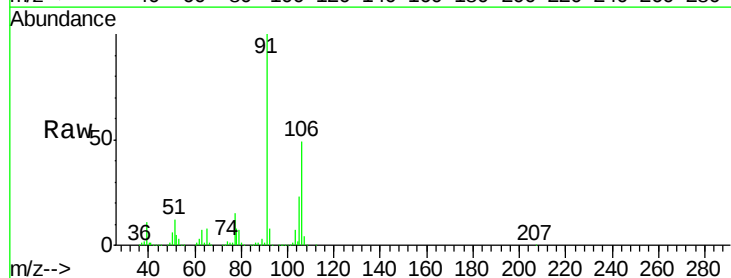
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

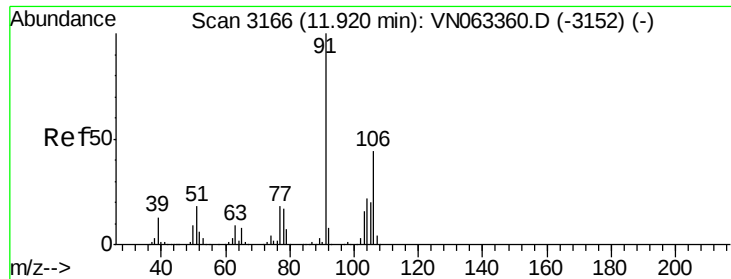
Tgt Ion: 91 Resp: 2747354
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.6



#68
m/p-Xylenes
Concen: 303.928 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion: 106 Resp: 2030065
Ion Ratio Lower Upper
106 100
91 206.6 171.2 256.8

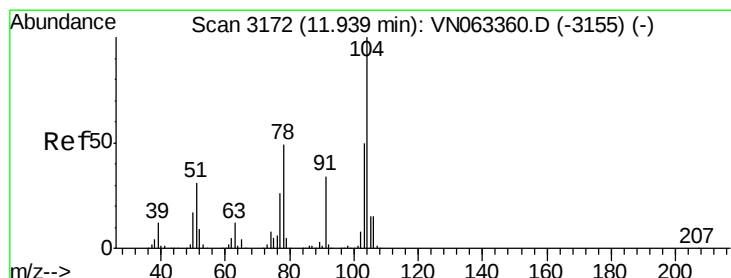
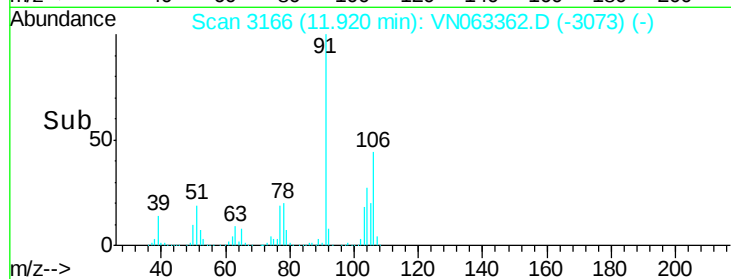
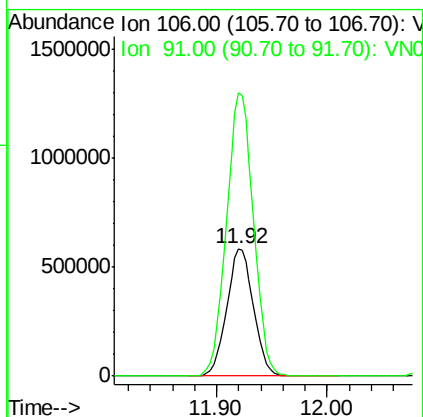
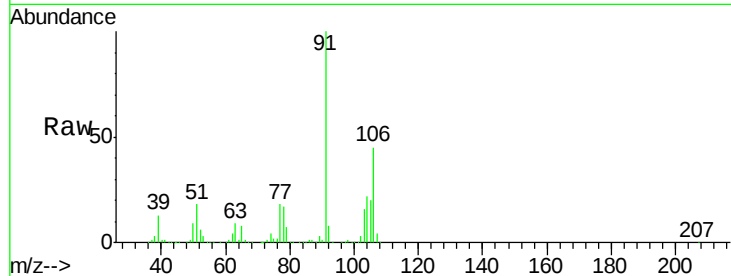




#69
o-Xylene
Concen: 153.614 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

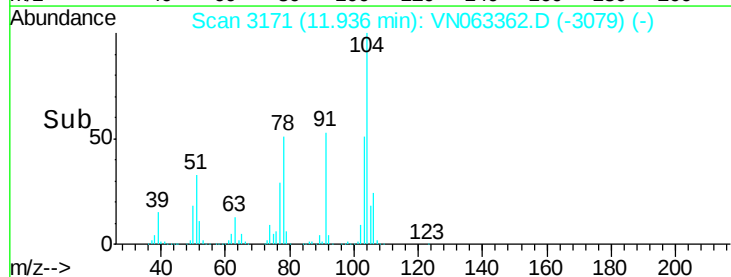
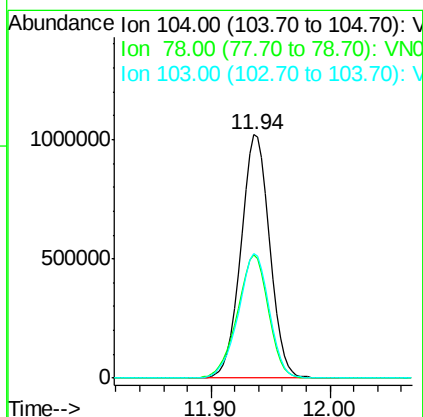
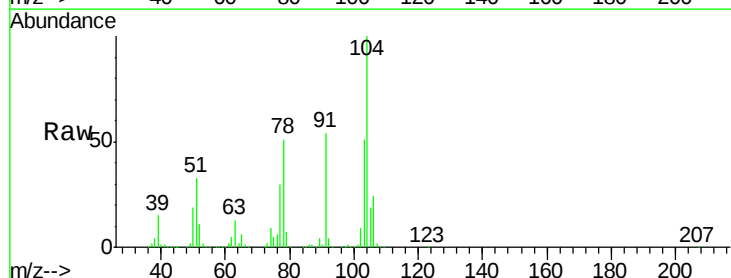
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

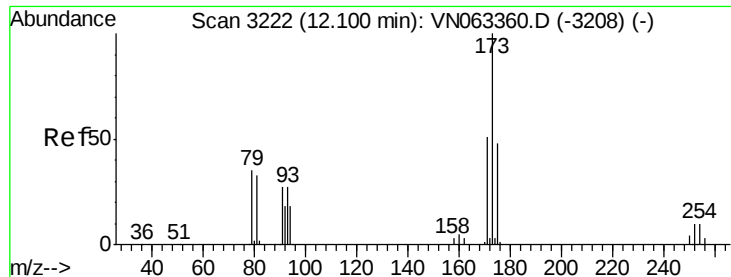
Tgt Ion:106 Resp: 975641
Ion Ratio Lower Upper
106 100
91 225.2 113.6 340.8



#70
Styrene
Concen: 161.881 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063362.D
Acq: 16 Sep 2020 12:43

Tgt Ion:104 Resp: 1708549
Ion Ratio Lower Upper
104 100
78 55.0 44.4 66.6
103 55.0 43.7 65.5





#71

Bromoform

Concen: 168.316 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

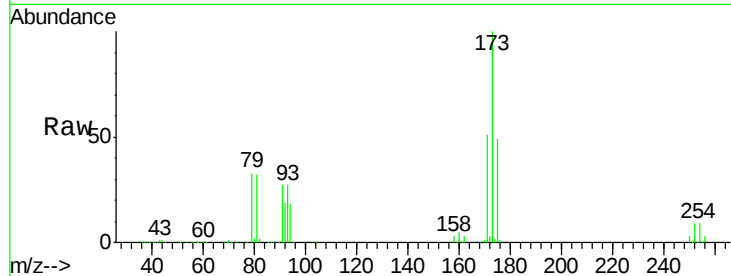
Tgt Ion:173 Resp: 444111

Ion Ratio Lower Upper

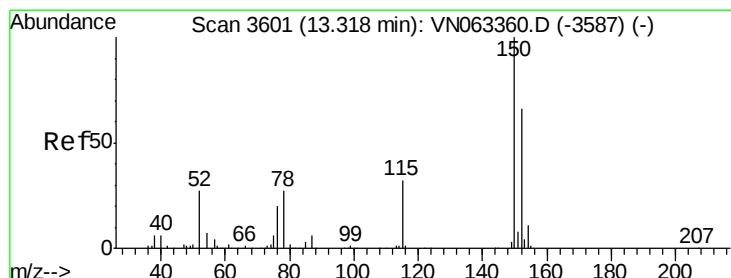
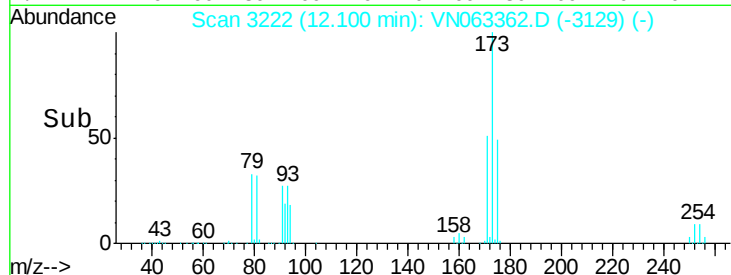
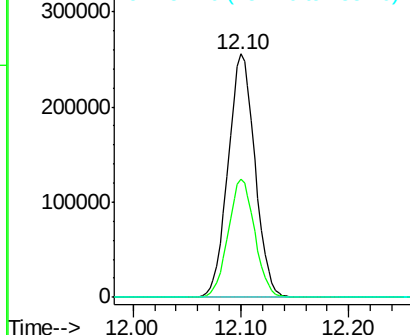
173 100

175 48.1 24.0 72.0

254 0.1 0.0 0.0#



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: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

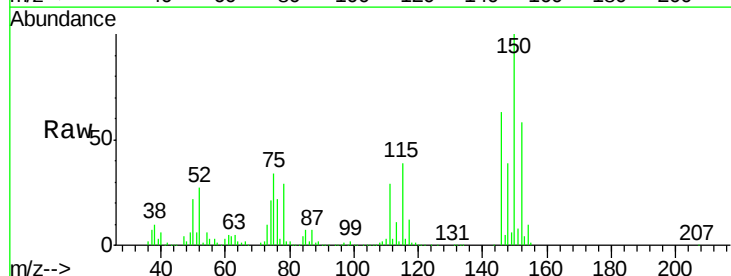
Tgt Ion:152 Resp: 225523

Ion Ratio Lower Upper

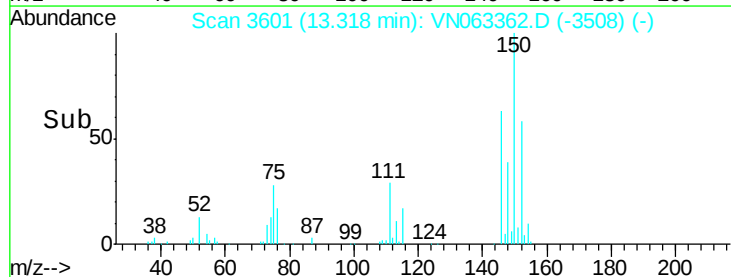
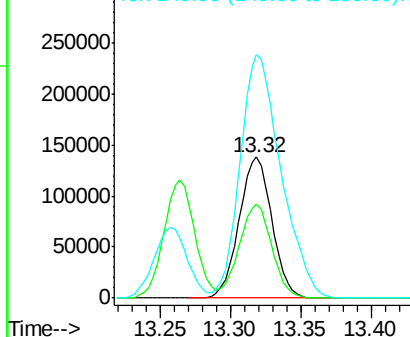
152 100

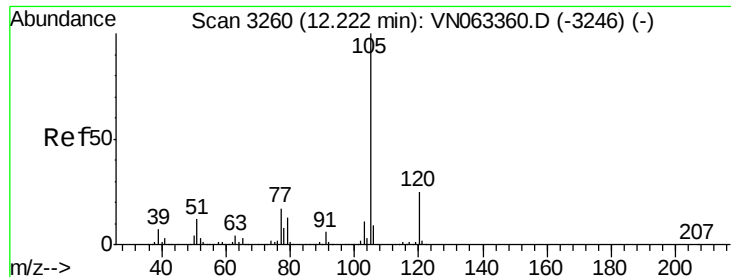
115 66.2 32.2 96.6

150 213.5 0.0 343.4



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: 145.941 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

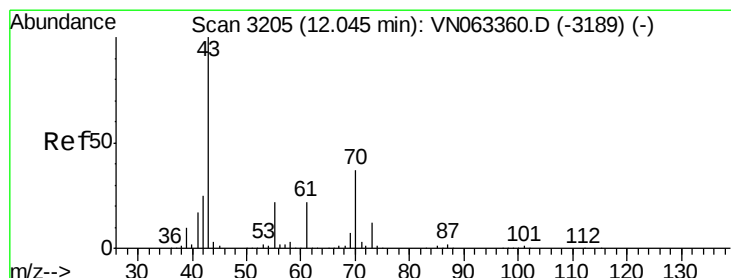
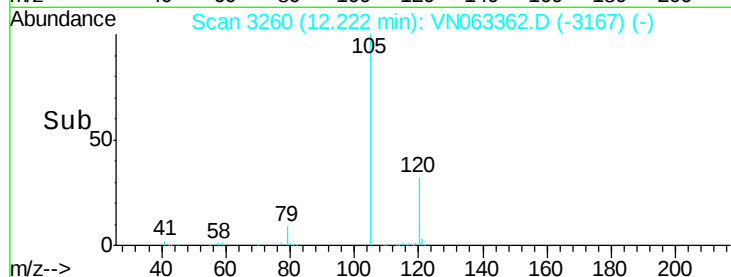
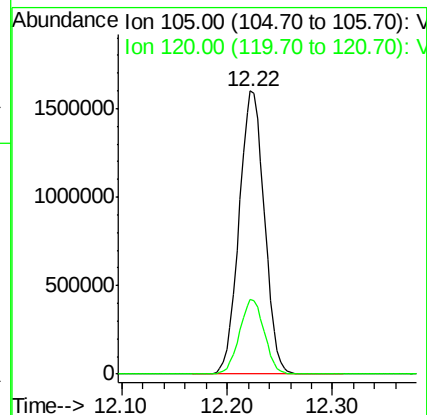
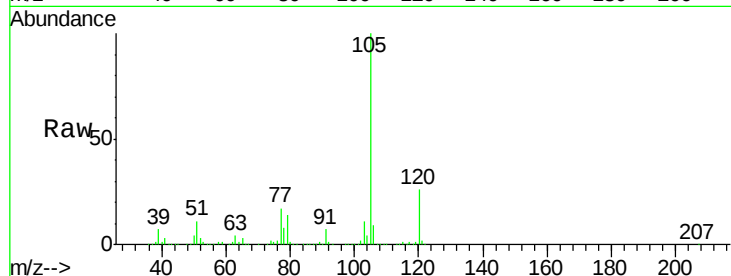
VSTDIC150

Tgt Ion: 105 Resp: 2649417

Ion Ratio Lower Upper

105 100

120 25.9 12.7 38.0



#74

N-ethyl acetate

Concen: 153.628 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Tgt Ion: 43 Resp: 1308982

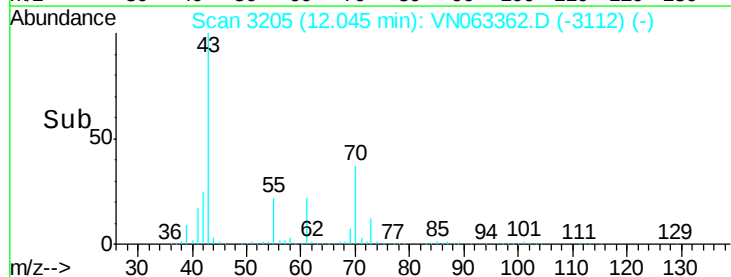
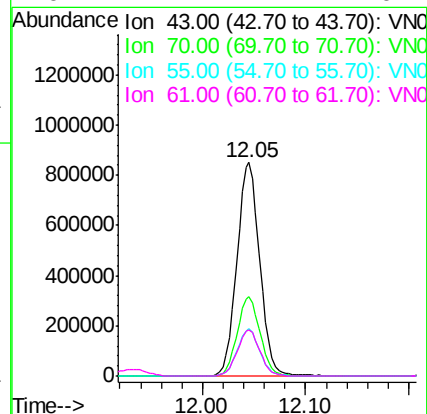
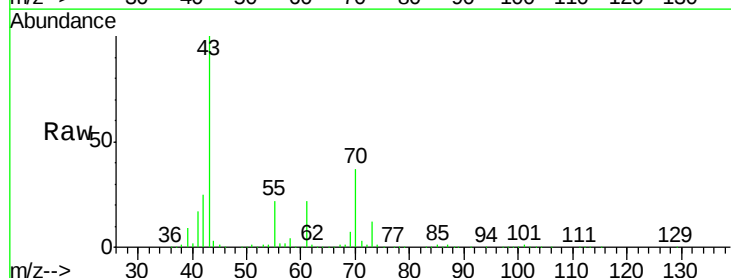
Ion Ratio Lower Upper

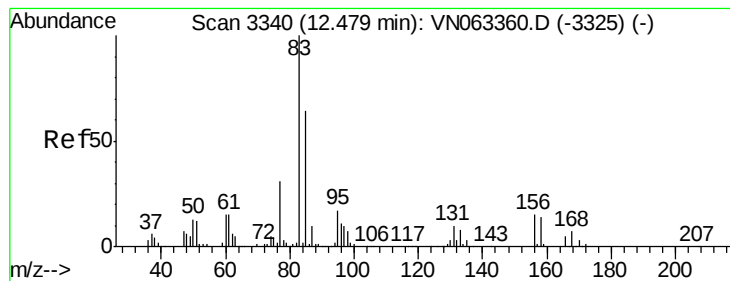
43 100

70 37.3 29.6 44.4

55 21.9 17.7 26.5

61 21.7 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 140.691 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

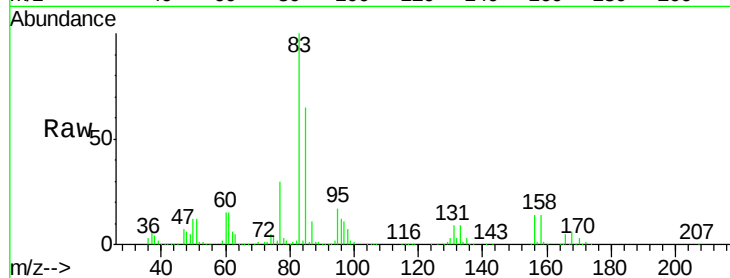
Tgt Ion: 83 Resp: 795493

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

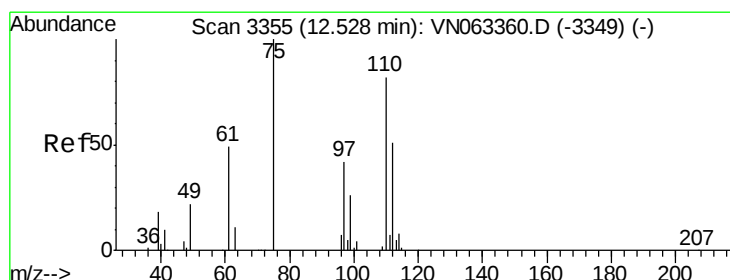
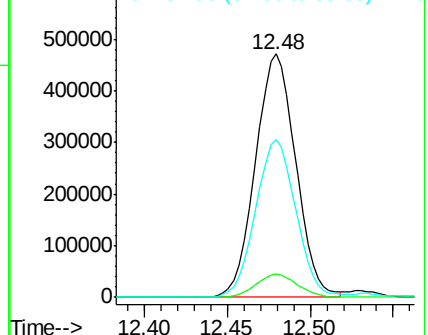
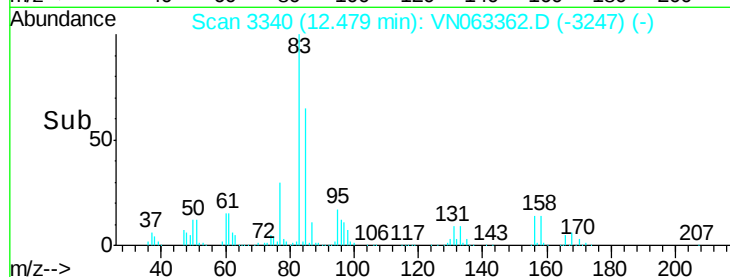
85 65.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063362.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063362.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063362.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 201.819 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063362.D

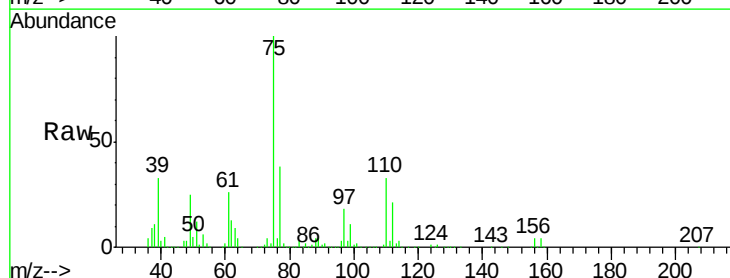
Acq: 16 Sep 2020 12:43

Tgt Ion: 75 Resp: 1134176

Ion Ratio Lower Upper

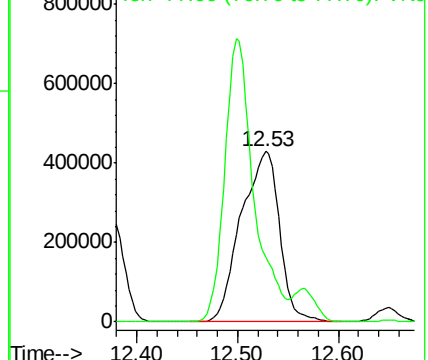
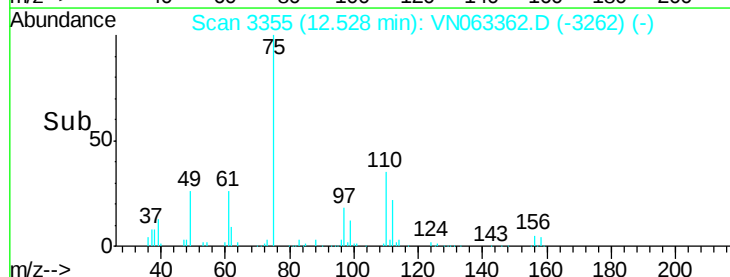
75 100

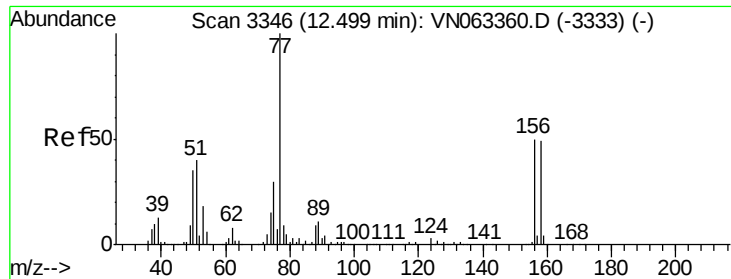
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063362.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063362.D (-3262) (-)





#77

Bromobenzene

Concen: 149.763 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

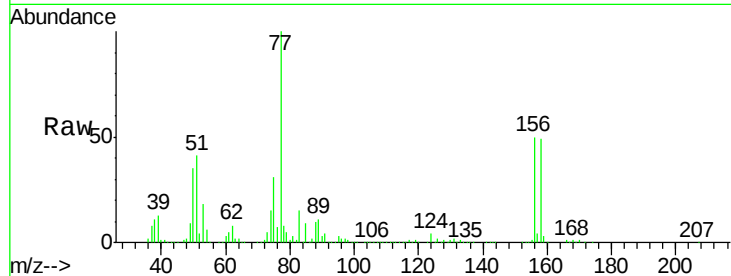
Tgt Ion:156 Resp: 608979

Ion Ratio Lower Upper

156 100

77 237.7 120.2 360.6

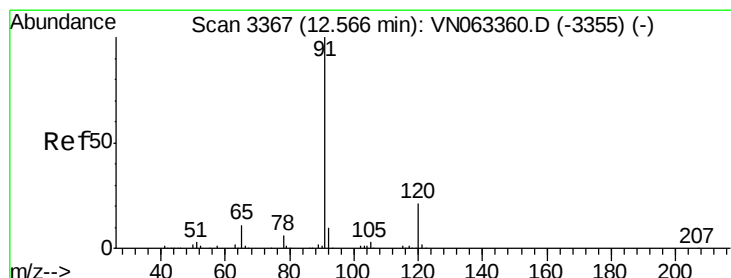
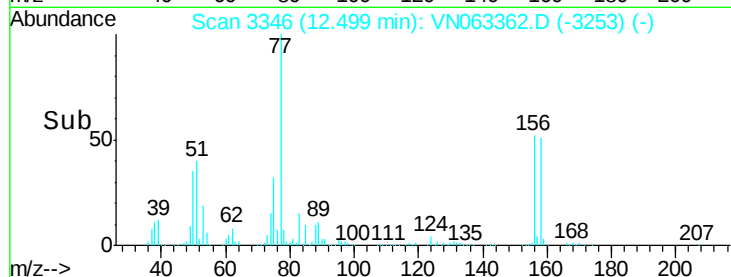
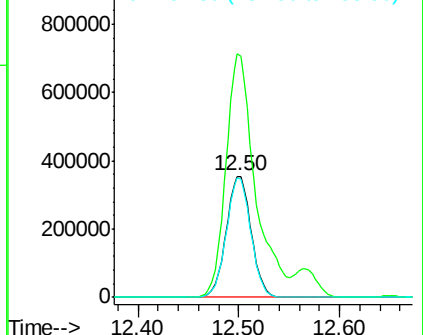
158 97.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 147.511 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063362.D

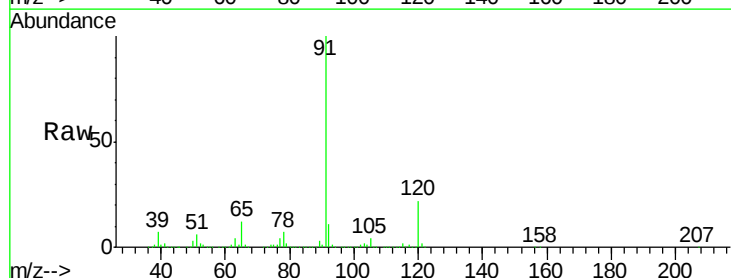
Acq: 16 Sep 2020 12:43

Tgt Ion: 91 Resp: 3113571

Ion Ratio Lower Upper

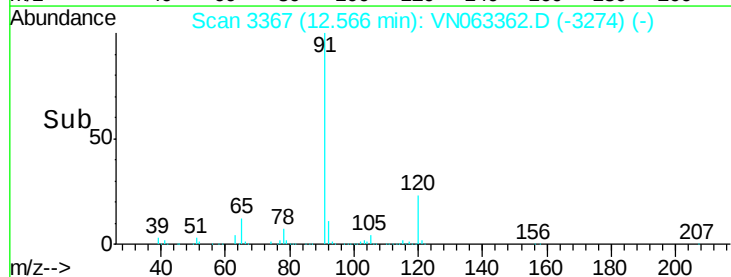
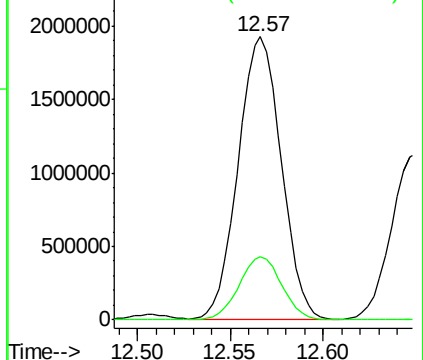
91 100

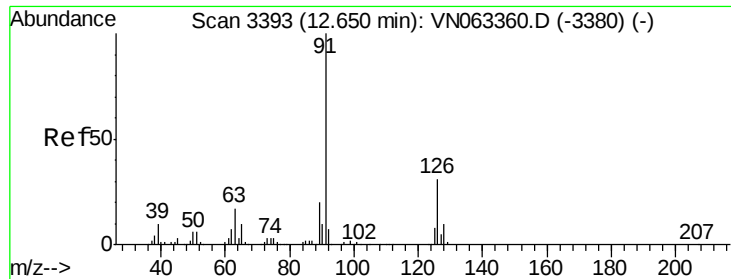
120 22.0 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 149.263 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

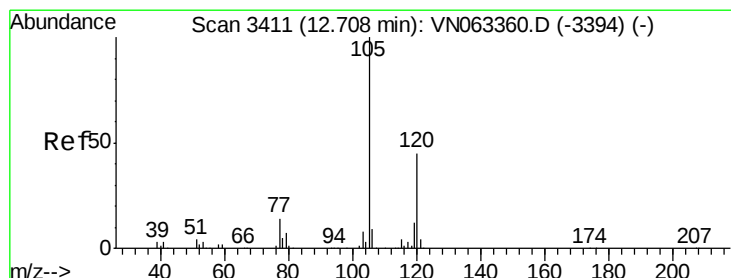
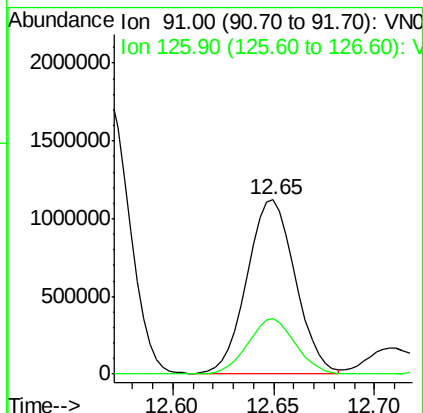
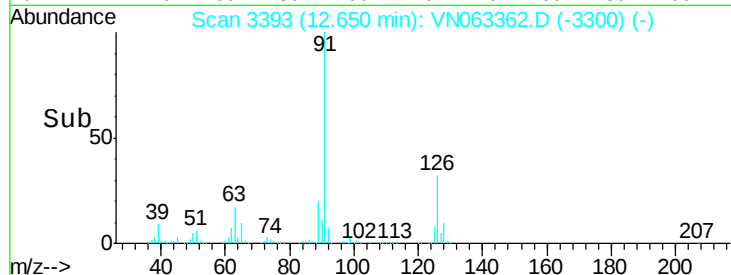
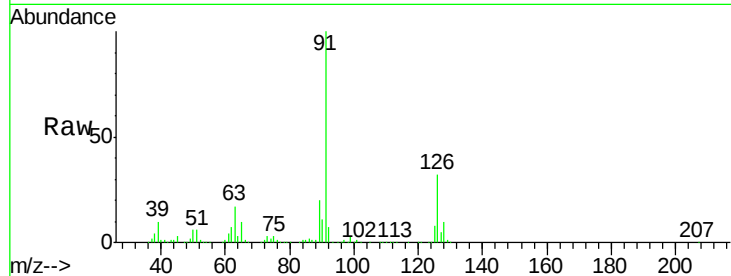
VSTDIC150

Tgt Ion: 91 Resp: 1884914

Ion Ratio Lower Upper

91 100

126 31.2 15.8 47.3



#80

1,3,5-Trimethylbenzene

Concen: 152.248 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063362.D

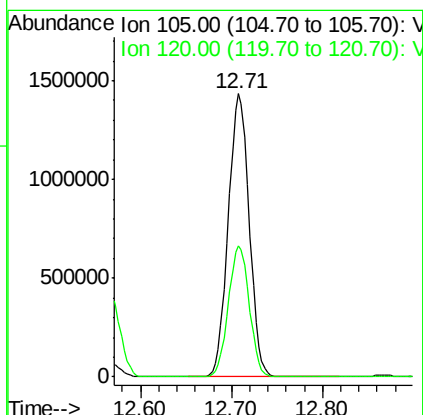
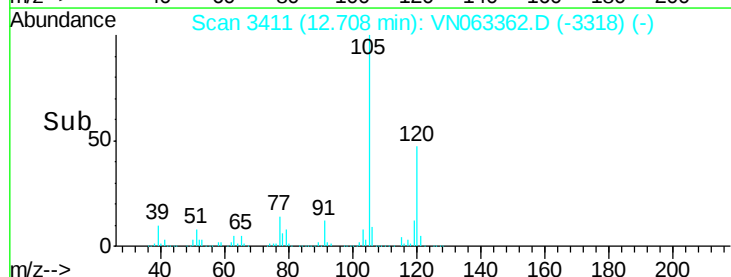
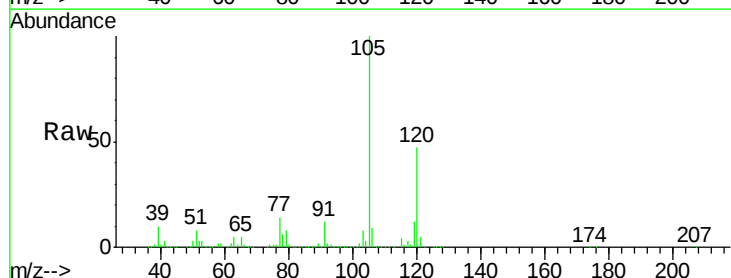
Acq: 16 Sep 2020 12:43

Tgt Ion: 105 Resp: 2288642

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 151.137 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

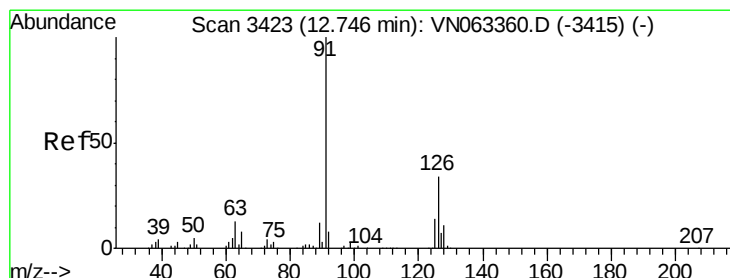
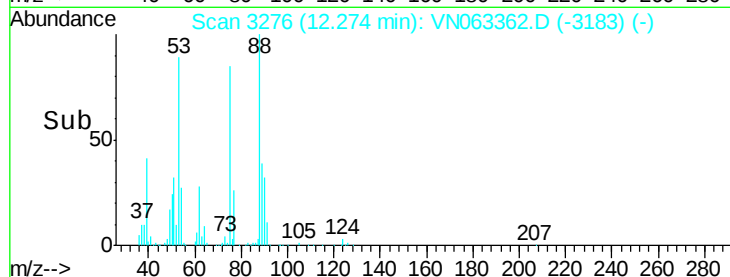
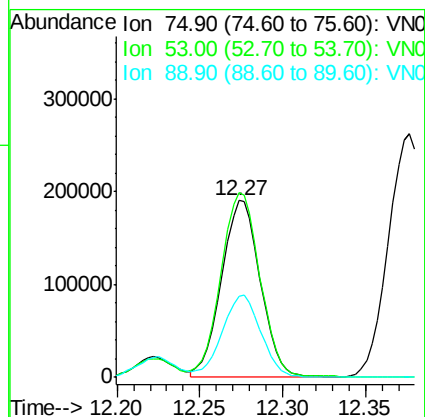
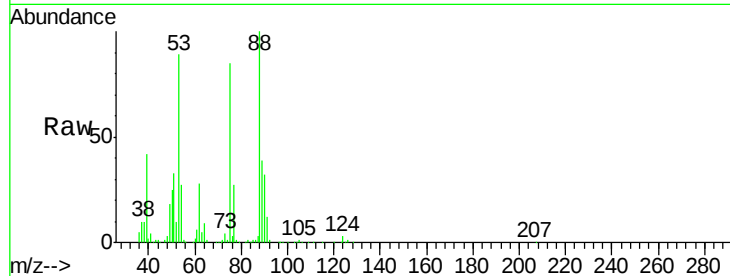
Tgt Ion: 75 Resp: 307253

Ion Ratio Lower Upper

75 100

53 106.7 85.7 128.5

89 46.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 152.763 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063362.D

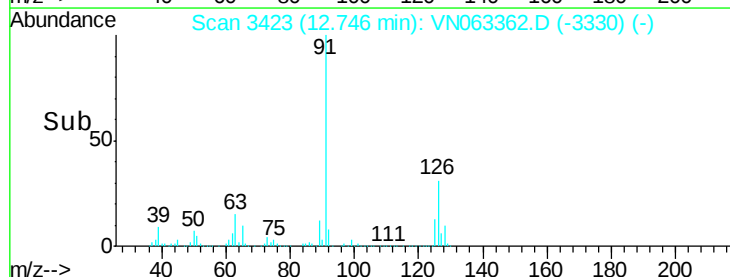
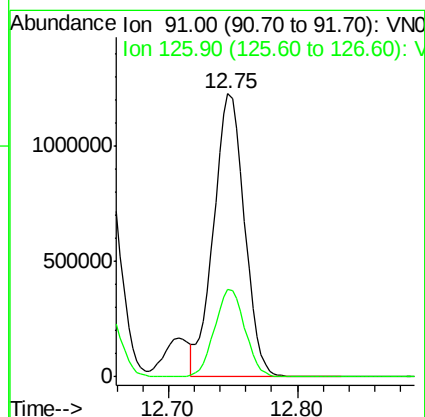
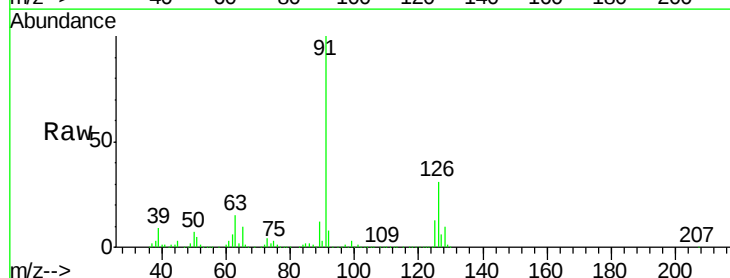
Acq: 16 Sep 2020 12:43

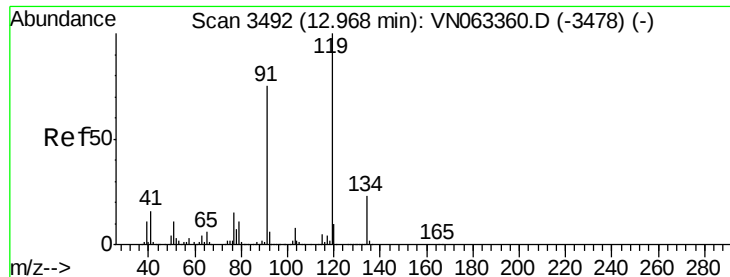
Tgt Ion: 91 Resp: 2030360

Ion Ratio Lower Upper

91 100

126 30.5 15.5 46.5

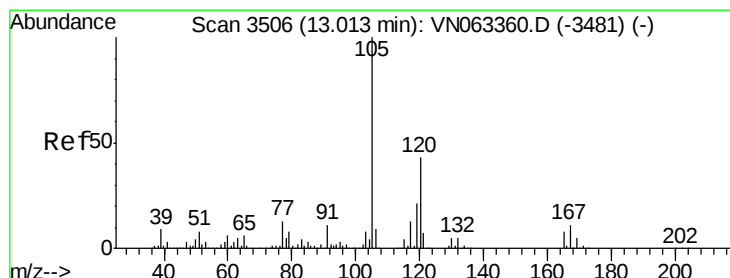
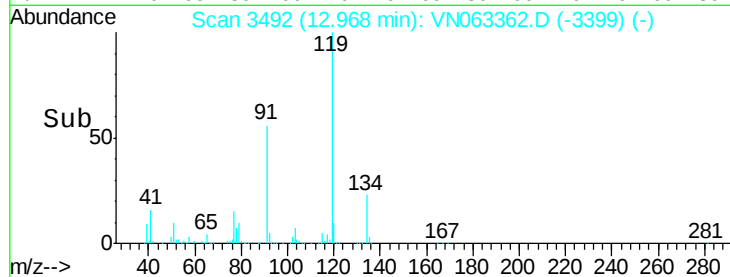
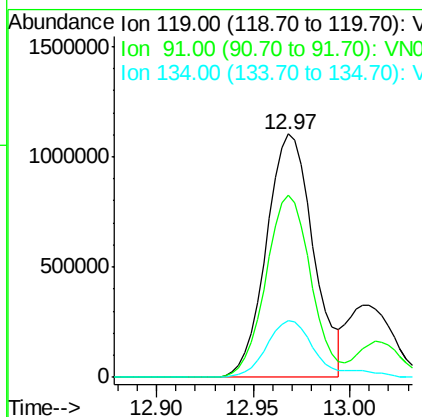
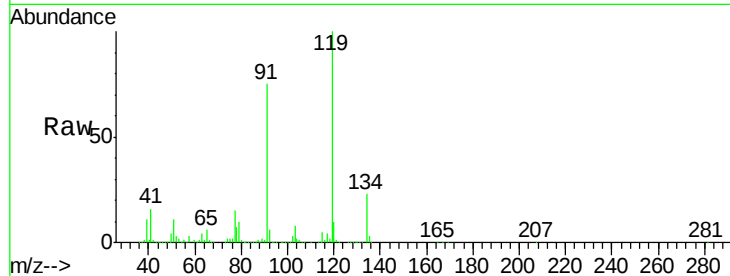




#83
 tert-Butylbenzene
 Concen: 149.269 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

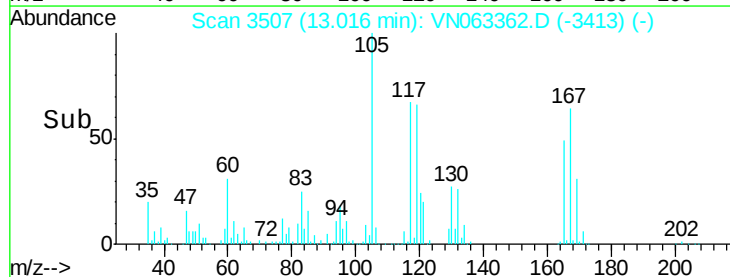
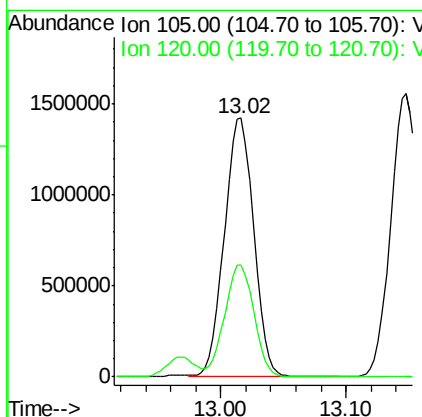
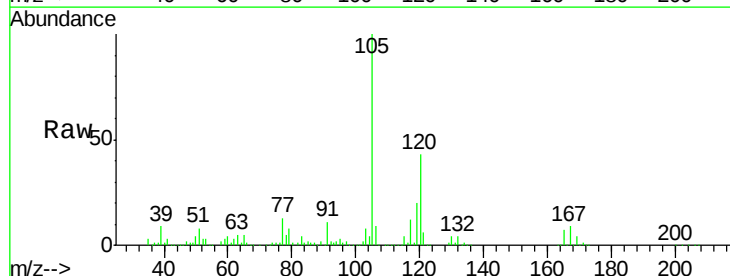
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

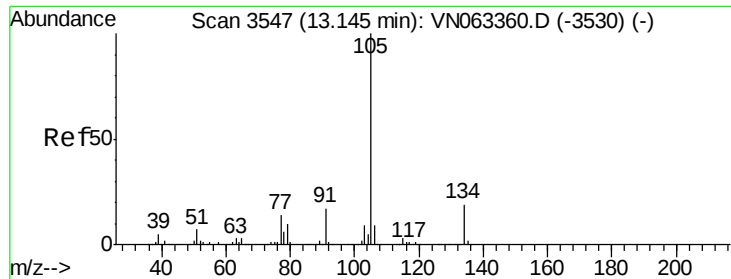
Tgt Ion:119 Resp: 1858079
 Ion Ratio Lower Upper
 119 100
 91 72.1 36.3 108.9
 134 24.8 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 152.193 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

Tgt Ion:105 Resp: 2311025
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.3 63.9

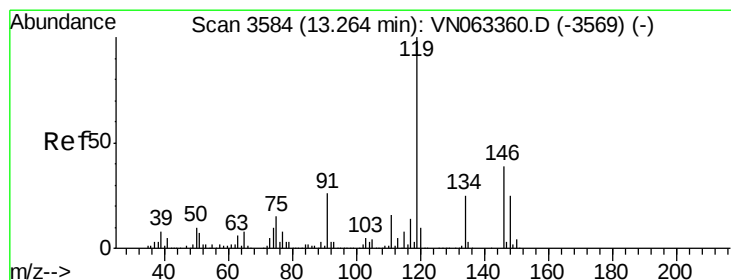
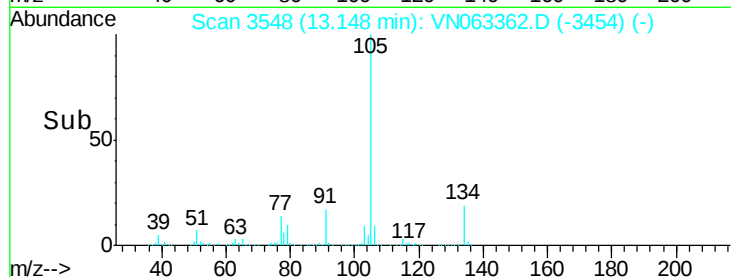
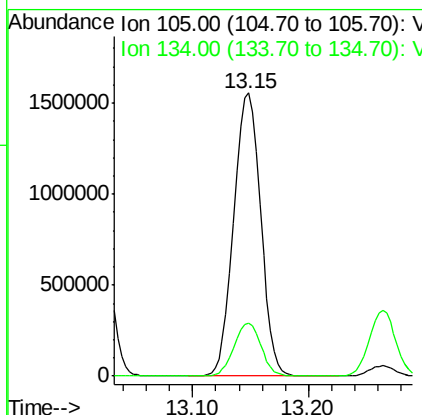
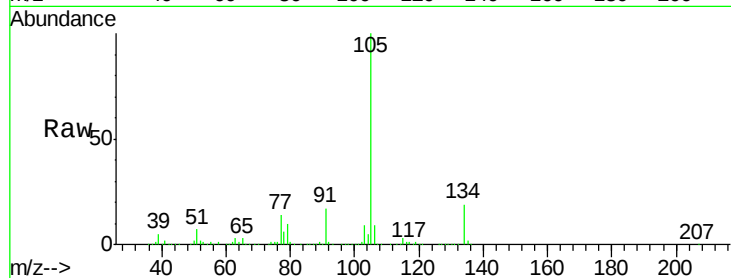




#85
 sec-Butylbenzene
 Concen: 149.740 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

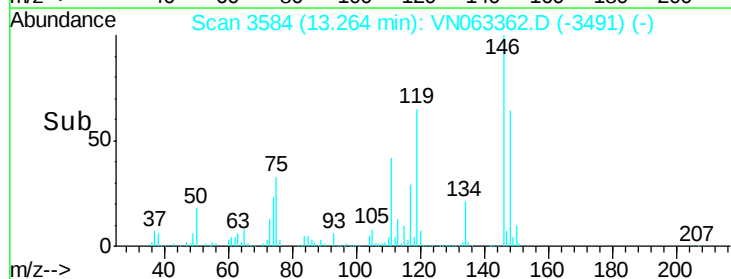
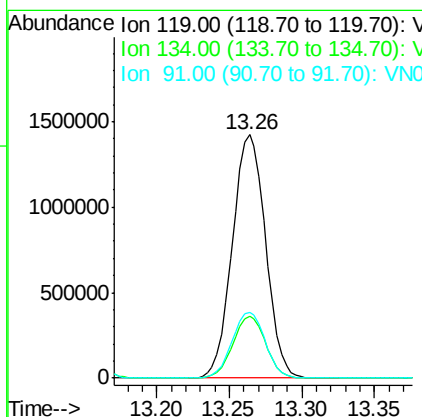
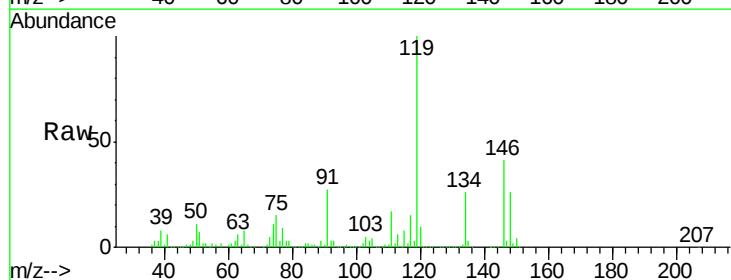
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

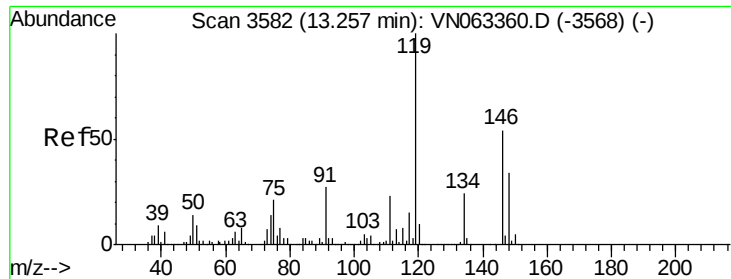
Tgt Ion:105 Resp: 2493700
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 154.140 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

Tgt Ion:119 Resp: 2253090
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 27.0 13.4 40.1

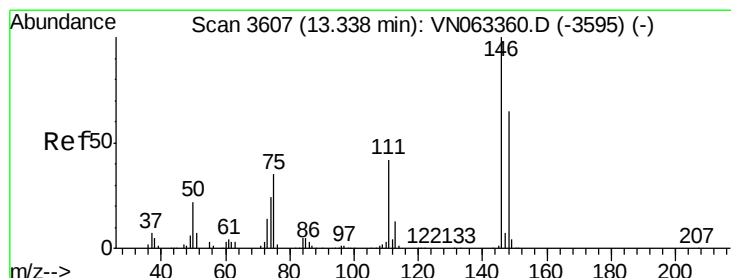
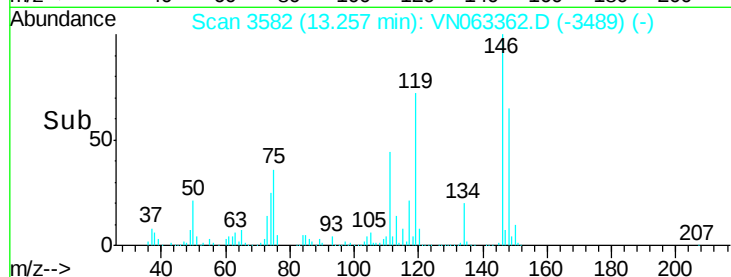
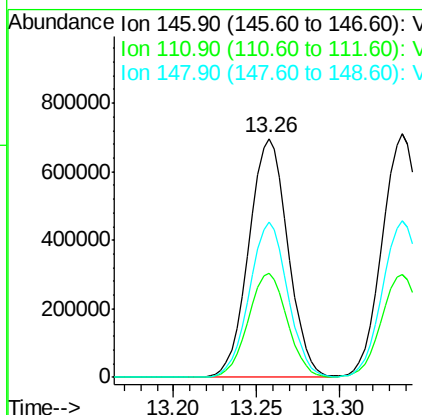
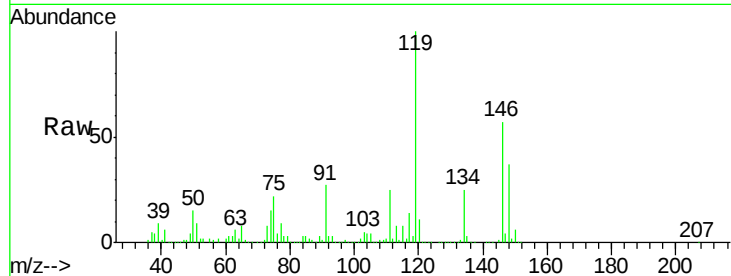




#87
 1,3-Dichlorobenzene
 Concen: 152.528 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

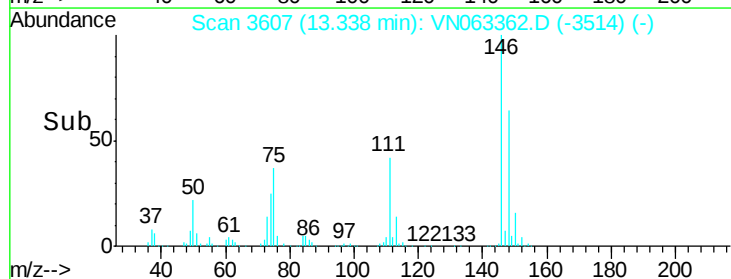
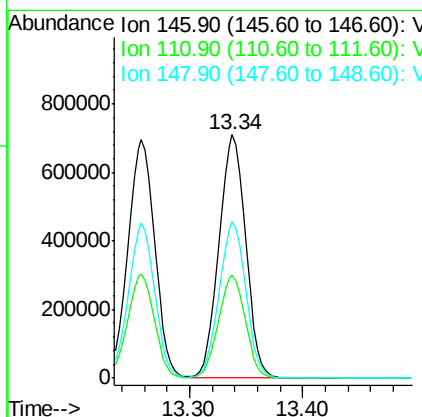
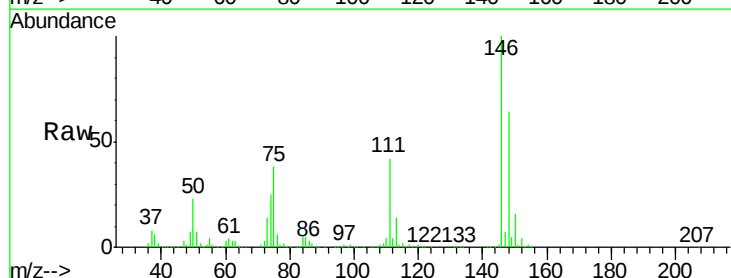
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

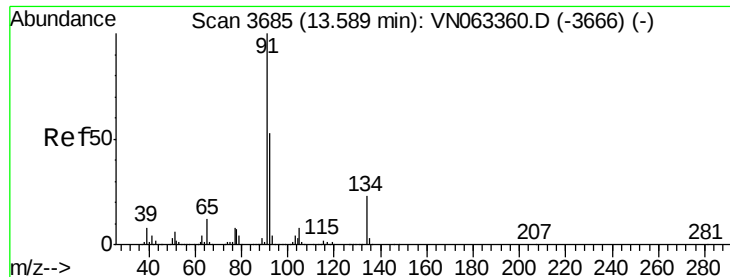
Tgt Ion:146 Resp: 1146042
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.4 64.3
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 153.356 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063362.D
 Acq: 16 Sep 2020 12:43

Tgt Ion:146 Resp: 1170429
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.2 63.6
 148 64.0 31.9 95.9





#89

n-Butylbenzene

Concen: 157.780 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

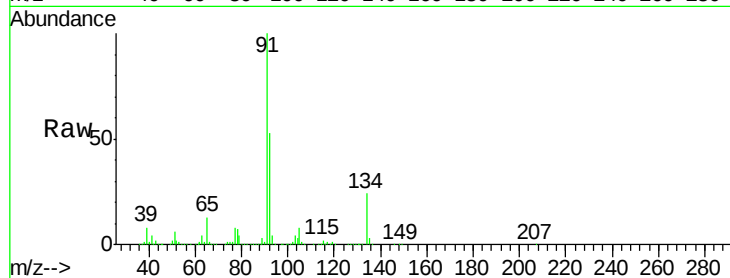
Tgt Ion: 91 Resp: 2117305

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

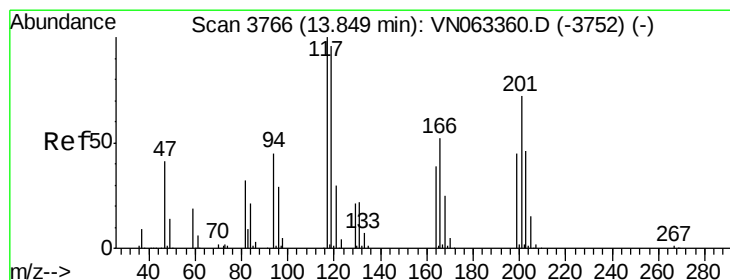
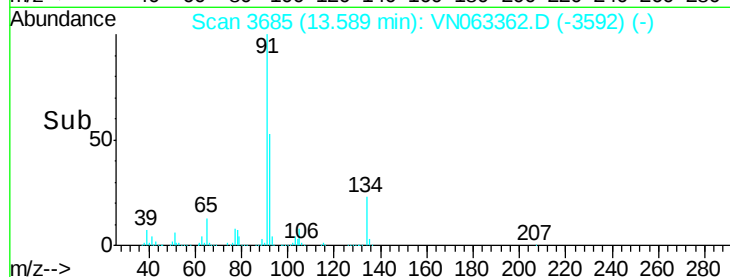
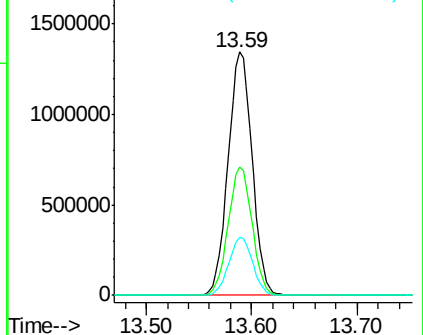
134 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063362.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063362.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063362.D (-3592) (-)



#90

Hexachloroethane

Concen: 156.272 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063362.D

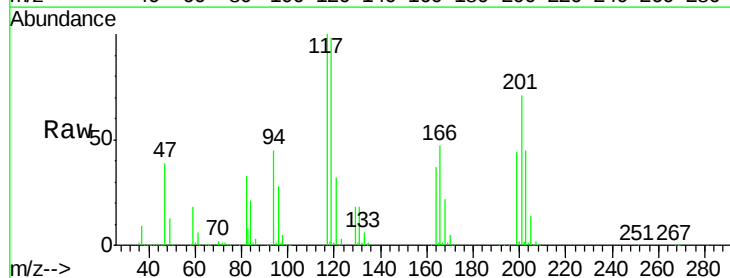
Acq: 16 Sep 2020 12:43

Tgt Ion: 117 Resp: 433935

Ion Ratio Lower Upper

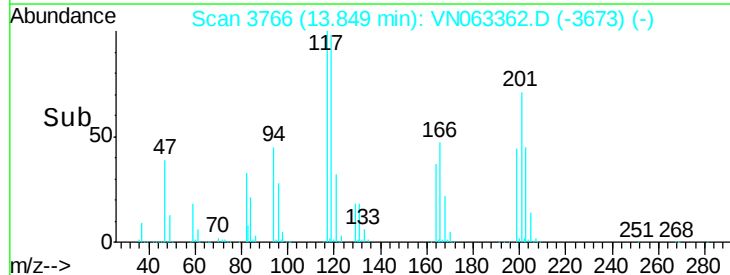
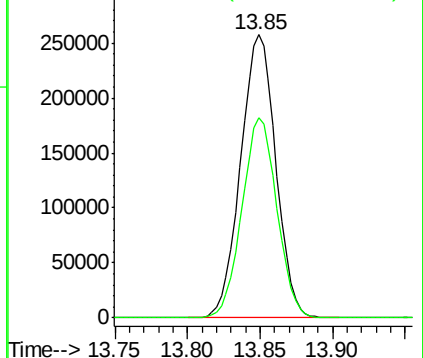
117 100

201 70.3 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063362.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063362.D (-3673) (-)





#91

1,2-Dichlorobenzene

Concen: 153.363 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

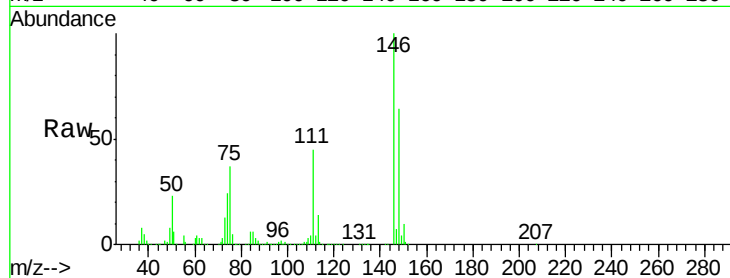
Tgt Ion:146 Resp: 1130272

Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.2

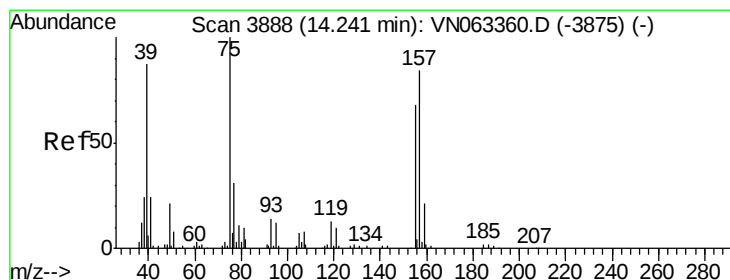
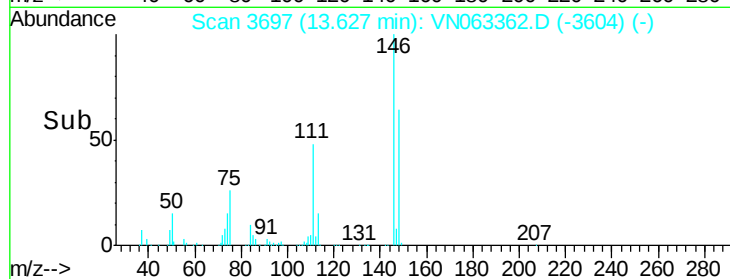
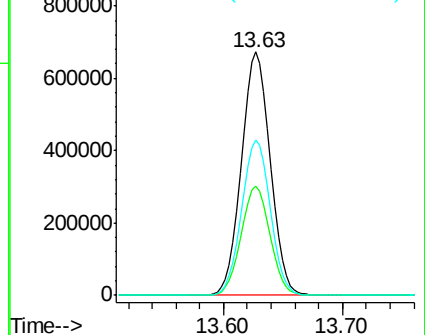
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 141.238 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063362.D

Acq: 16 Sep 2020 12:43

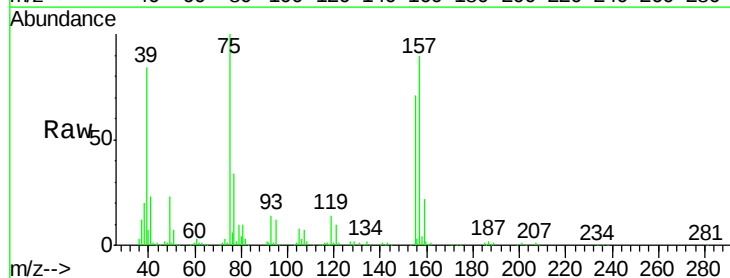
Tgt Ion: 75 Resp: 190047

Ion Ratio Lower Upper

75 100

155 69.9 34.6 103.9

157 89.5 43.7 131.1



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

