

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093020\
 Data File : VN063742.D
 Acq On : 30 Sep 2020 11:36
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 30 12:14:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 30 11:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	282333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	471217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	229707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	456646	95.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.02%	
35) Dibromofluoromethane	7.55	113	317391	96.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.96%	
50) Toluene-d8	10.06	98	1226102	100.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.38%	
62) 4-Bromofluorobenzene	12.38	95	470616	104.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	278402	88.907	ug/l	98
3) Chloromethane	2.04	50	321522	78.735	ug/l	100
4) Vinyl Chloride	2.16	62	324503	88.797	ug/l	99
5) Bromomethane	2.51	94	207641	94.502	ug/l	99
6) Chloroethane	2.67	64	205697	90.697	ug/l	99
7) Trichlorofluoromethane	2.98	101	537260	97.073	ug/l	97
8) Diethyl Ether	3.37	74	188887	89.351	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	283374	91.734	ug/l	99
10) Methyl Iodide	3.91	142	374266	94.495	ug/l	100
11) Tert butyl alcohol	4.73	59	274422	431.630	ug/l	100
12) 1,1-Dichloroethene	3.69	96	278832	90.067	ug/l	96
13) Acrolein	3.57	56	170146	654.968	ug/l	100
14) Allyl chloride	4.27	41	545366	89.746	ug/l	97
15) Acrylonitrile	4.93	53	766978	464.980	ug/l	100
16) Acetone	3.77	43	710357	465.075	ug/l	100
17) Carbon Disulfide	4.01	76	773030	86.463	ug/l	99
18) Methyl Acetate	4.28	43	377741	97.986	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1061133	91.467	ug/l	100
20) Methylene Chloride	4.50	84	328660	85.818	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	309437	89.967	ug/l	98
22) Diisopropyl ether	5.90	45	1138564	90.894	ug/l	99
23) Vinyl Acetate	5.84	43	4846162	472.325	ug/l	99
24) 1,1-Dichloroethane	5.80	63	612900	89.591	ug/l	98
25) 2-Butanone	6.78	43	1110213	478.591	ug/l	99
26) 2,2-Dichloropropane	6.78	77	564202	92.876	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	359955	92.420	ug/l	98
28) Bromochloromethane	7.15	49	325784	100.958	ug/l	100
29) Tetrahydrofuran	7.16	42	723778	457.122	ug/l	100
30) Chloroform	7.33	83	654997	94.778	ug/l	94
31) Cyclohexane	7.61	56	516512	81.049	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	597690	96.595	ug/l	99
36) 1,1-Dichloropropene	7.75	75	474489	95.950	ug/l	99
37) Ethyl Acetate	6.88	43	474614	98.191	ug/l	99
38) Carbon Tetrachloride	7.73	117	518710	101.737	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	490501	92.186	ug/l	98
40) Benzene	8.00	78	1346398	95.381	ug/l	100
41) Methacrylonitrile	7.12	41	202026	91.262	ug/l #	80
42) 1,2-Dichloroethane	8.09	62	572123	99.837	ug/l	100
43) Isopropyl Acetate	8.13	43	832898	96.141	ug/l	99
44) Trichloroethene	8.80	130	347130	100.185	ug/l	97
45) 1,2-Dichloropropane	9.08	63	363737	94.749	ug/l	99
46) Dibromomethane	9.17	93	253183	99.793	ug/l	99
47) Bromodichloromethane	9.37	83	545280	102.945	ug/l	100
48) Methyl methacrylate	9.16	41	414386	97.727	ug/l	98
49) 1,4-Dioxane	9.16	88	109528	1807.977	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2466676	504.539	ug/l	99
52) Toluene	10.13	92	875131	102.654	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	606234	103.104	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	615489	99.577	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	341020	100.187	ug/l	98
56) Ethyl methacrylate	10.40	69	544209	103.507	ug/l	98
57) 1,3-Dichloropropane	10.68	76	594641	97.452	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	1389179	499.098	ug/l	100
59) 2-Hexanone	10.72	43	1842484	519.946	ug/l	100
60) Dibromochloromethane	10.87	129	415547	107.926	ug/l	100
61) 1,2-Dibromoethane	10.98	107	373610	105.768	ug/l	100
64) Tetrachloroethene	10.60	164	318742	104.422	ug/l	99
65) Chlorobenzene	11.41	112	924123	99.237	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	361376	104.976	ug/l	98
67) Ethyl Benzene	11.48	91	1753444	99.974	ug/l	100
68) m/p-Xylenes	11.59	106	1294326	204.138	ug/l	99
69) o-Xylene	11.92	106	617644	102.574	ug/l	100
70) Styrene	11.94	104	1085053	107.425	ug/l	99
71) Bromoform	12.10	173	290232	112.821	ug/l #	96
73) Isopropylbenzene	12.22	105	1697942	93.752	ug/l	100
74) N-amyl acetate	12.05	43	789923	93.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	502831	89.678	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	713189	127.572	ug/l #	100
77) Bromobenzene	12.50	156	410159	99.656	ug/l	99
78) n-propylbenzene	12.57	91	2001419	95.074	ug/l	100
79) 2-Chlorotoluene	12.65	91	1198850	94.759	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1462415	97.081	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	190076	93.735	ug/l	99
82) 4-Chlorotoluene	12.75	91	1279992	95.646	ug/l	100
83) tert-Butylbenzene	12.97	119	1183533	95.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1471667	96.515	ug/l	98
85) sec-Butylbenzene	13.15	105	1558498	93.705	ug/l	99
86) p-Isopropyltoluene	13.26	119	1420909	96.792	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	747254	98.204	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	760381	98.777	ug/l	98
89) n-Butylbenzene	13.59	91	1280778	95.072	ug/l	99
90) Hexachloroethane	13.85	117	269182	95.908	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	731088	98.377	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	120227	90.930	ug/l	96

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QLast Update : Wed Sep 30 11:35:29 2020
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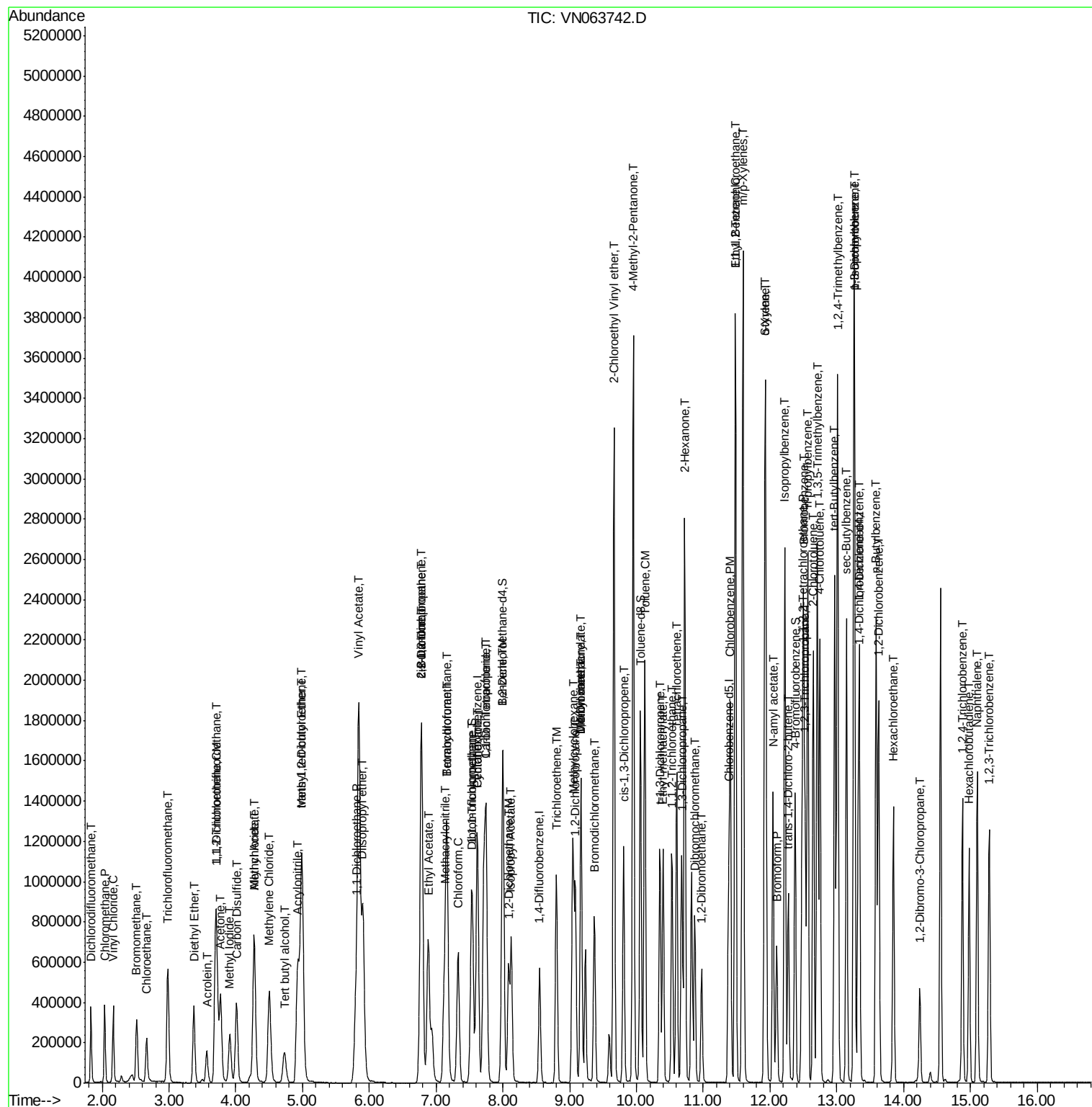
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	402507	93.512	ug/l	98
94) Hexachlorobutadiene	14.98	225	197161	106.321	ug/l	97
95) Naphthalene	15.10	128	1245953	88.456	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	392630	94.427	ug/l	98

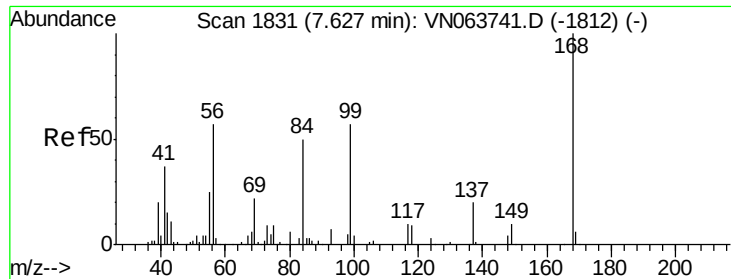
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN093020\
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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: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

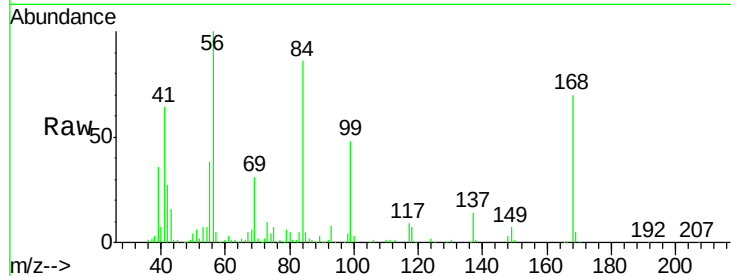
VSTDIC100

Tgt Ion: 168 Resp: 282333

Ion Ratio Lower Upper

168 100

99 67.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

100000

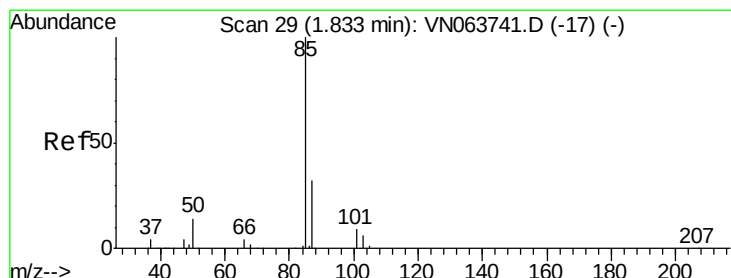
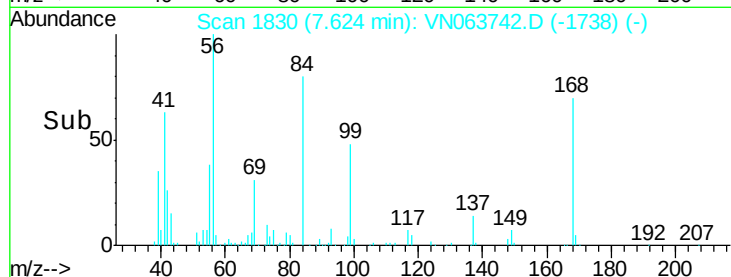
50000

0

7.50 7.60 7.70

7.62

Time-->



#2

Dichlorodifluoromethane

Concen: 88.907 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063742.D

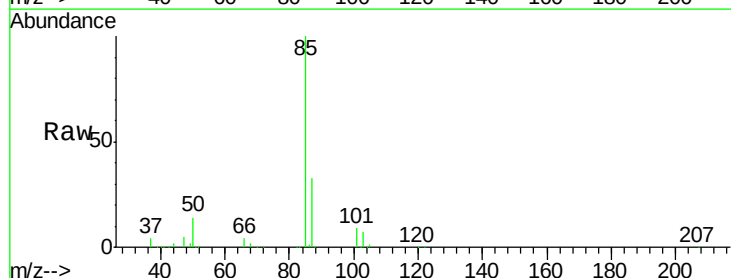
Acq: 30 Sep 2020 11:36

Tgt Ion: 85 Resp: 278402

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

200000

150000

100000

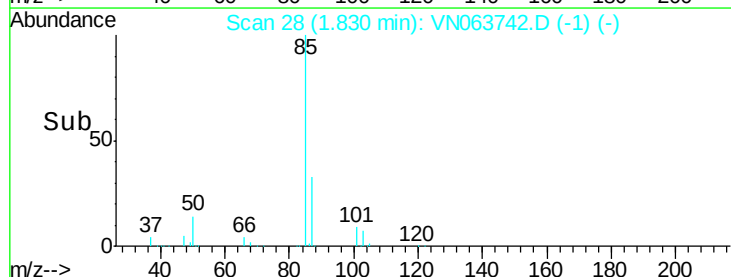
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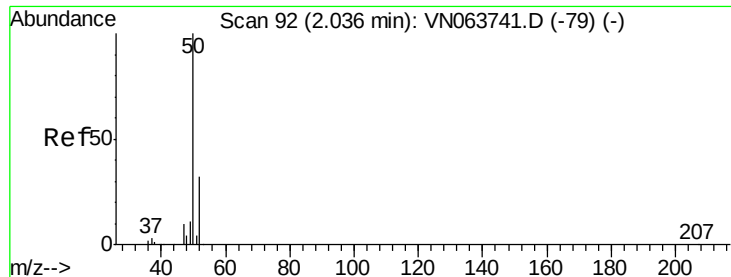
0

1.75 1.80 1.85 1.90

1.83

Time-->





#3

Chloromethane

Concen: 78.735 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

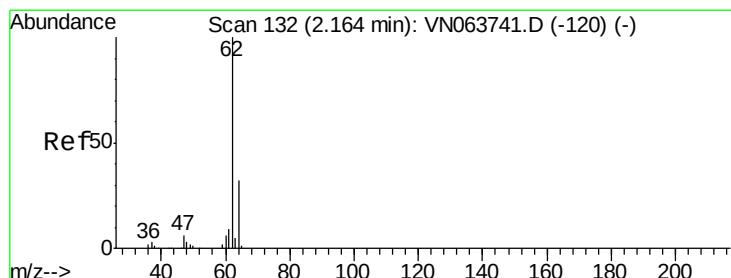
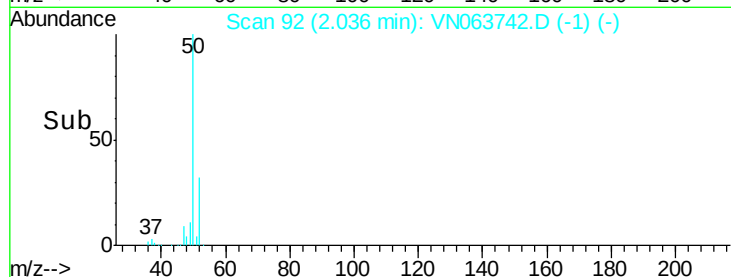
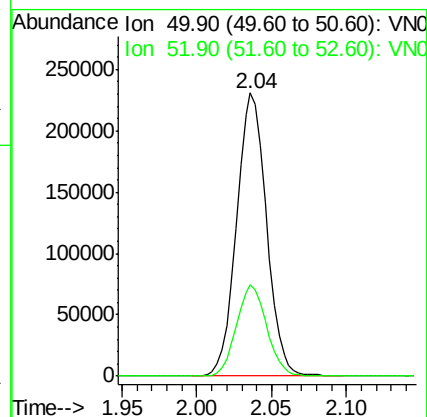
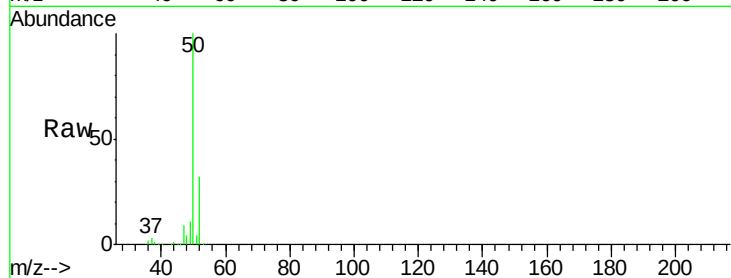
VSTDIC100

Tgt Ion: 50 Resp: 321522

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.8



#4

Vinyl Chloride

Concen: 88.797 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063742.D

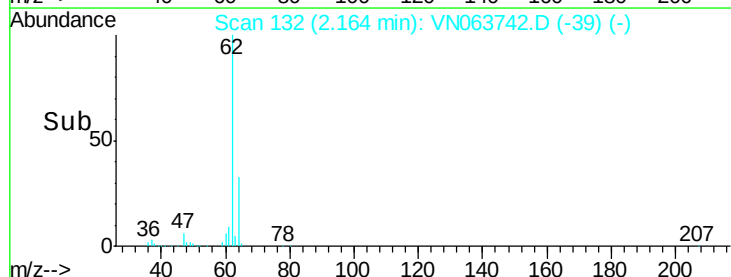
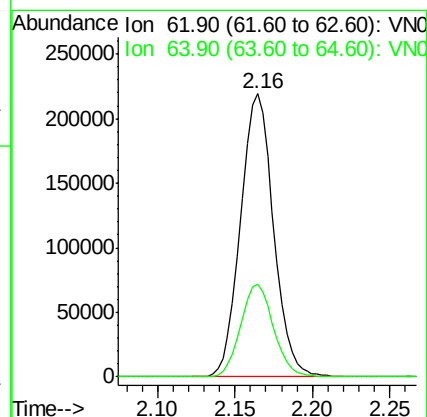
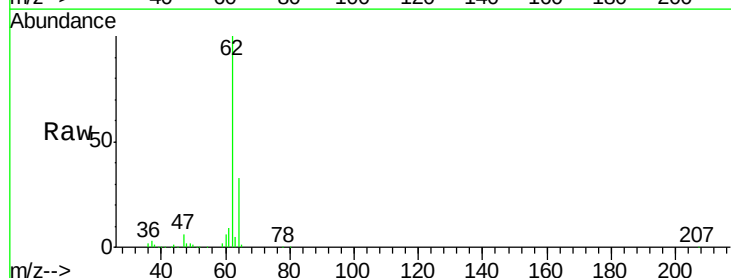
Acq: 30 Sep 2020 11:36

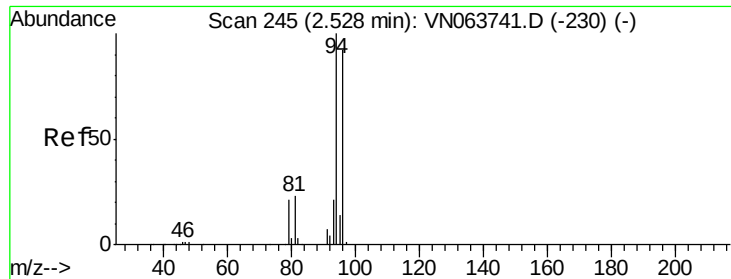
Tgt Ion: 62 Resp: 324503

Ion Ratio Lower Upper

62 100

64 32.8 25.6 38.4





#5

Bromomethane

Concen: 94.502 ug/l

RT: 2.51 min Scan# 241

Delta R.T. -0.01 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

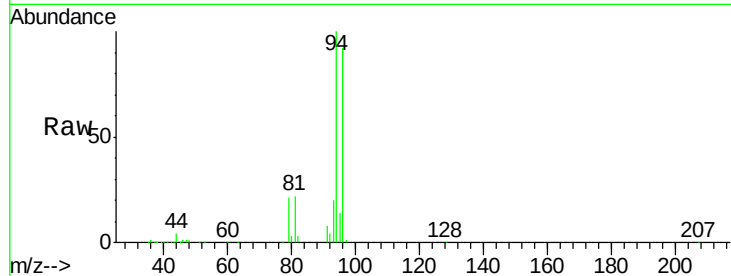
VSTDIC100

Tgt Ion: 94 Resp: 207641

Ion Ratio Lower Upper

94 100

96 92.2 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN063741.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN063741.D (-230) (-)

2.51

120000

100000

80000

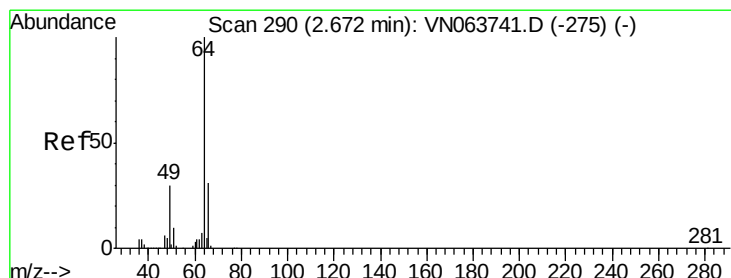
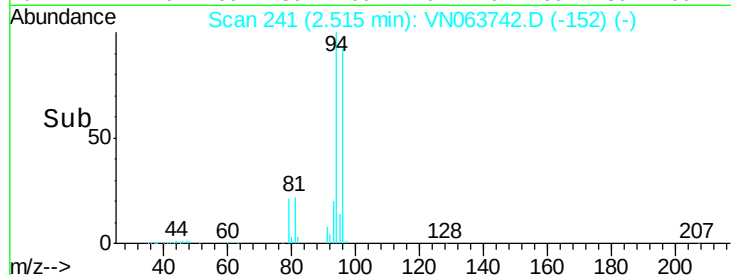
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 90.697 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063742.D

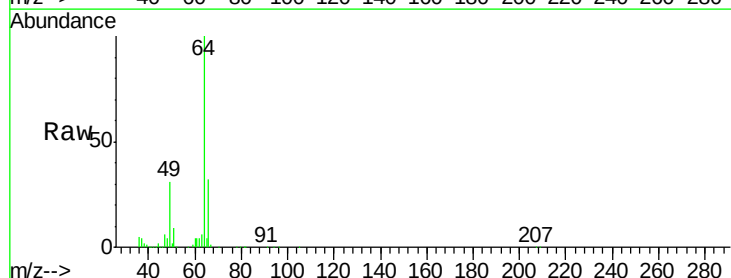
Acq: 30 Sep 2020 11:36

Tgt Ion: 64 Resp: 205697

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063741.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063741.D (-275) (-)

2.67

100000

80000

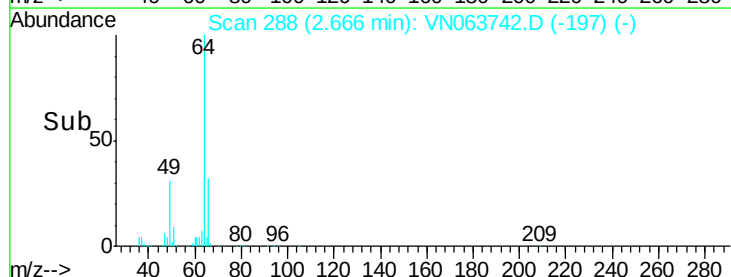
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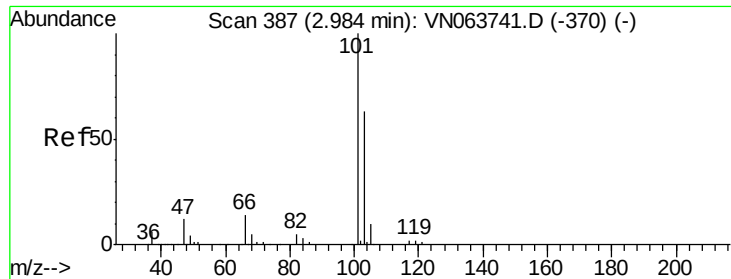
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20000

0

Time-->



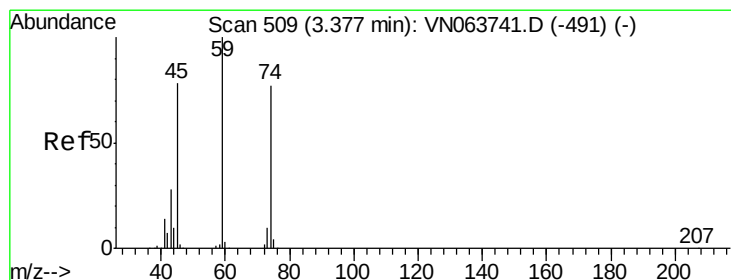
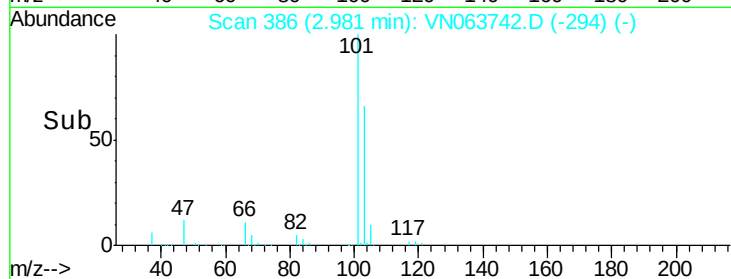
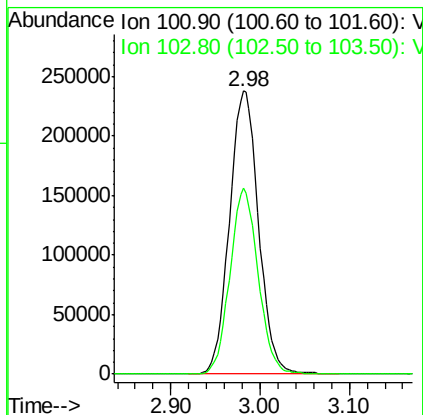
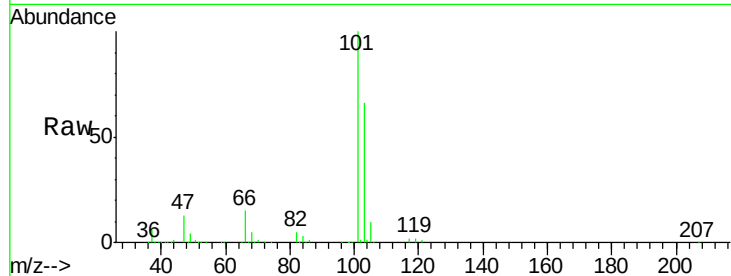


#7

Trichlorofluoromethane
 Concen: 97.073 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

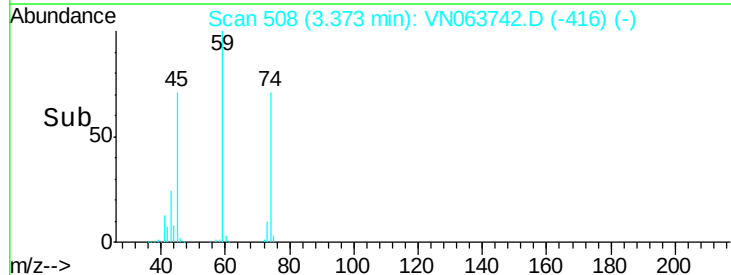
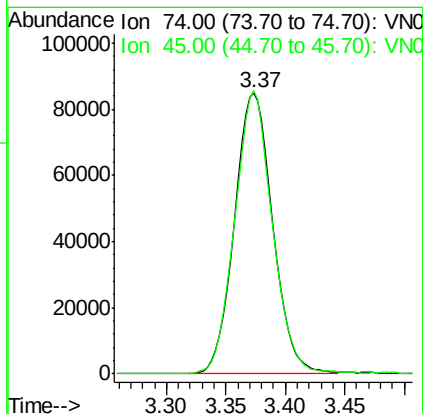
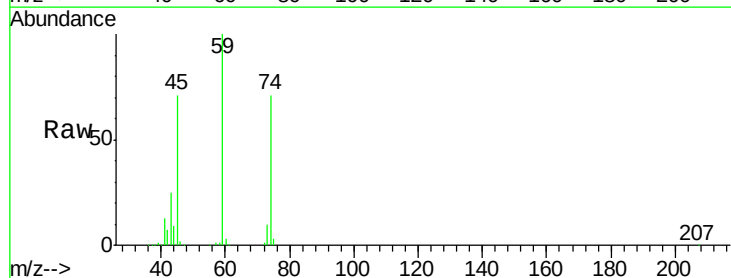
Tgt Ion:101 Resp: 537260
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.7 76.1

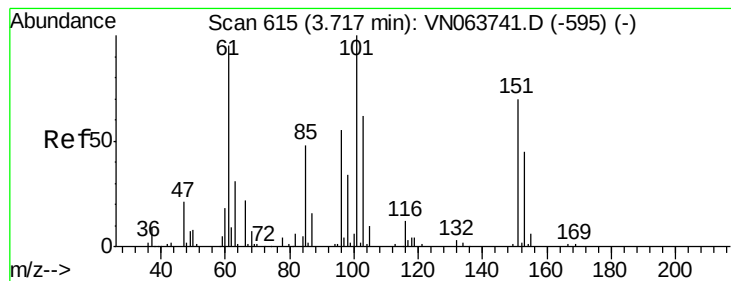


#8

Diethyl Ether
 Concen: 89.351 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion: 74 Resp: 188887
 Ion Ratio Lower Upper
 74 100
 45 99.2 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.734 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

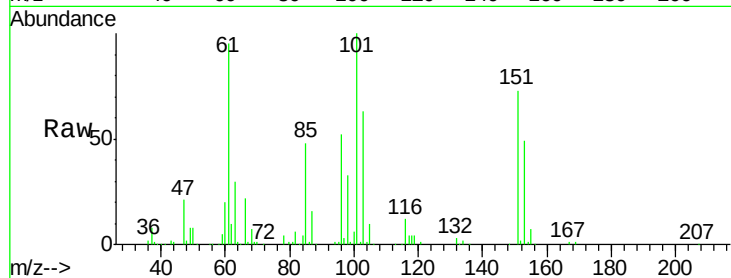
Tgt Ion:101 Resp: 283374

Ion Ratio Lower Upper

101 100

85 47.4 38.6 58.0

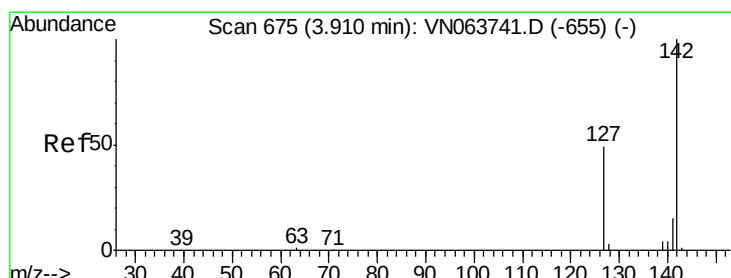
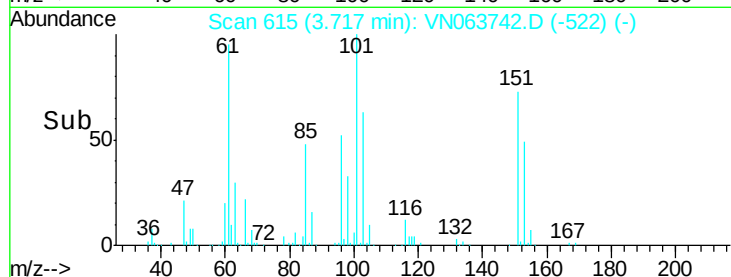
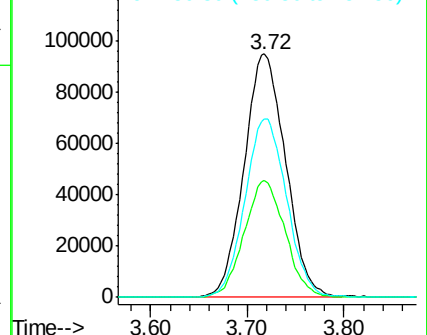
151 73.5 58.7 88.1



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: 94.495 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

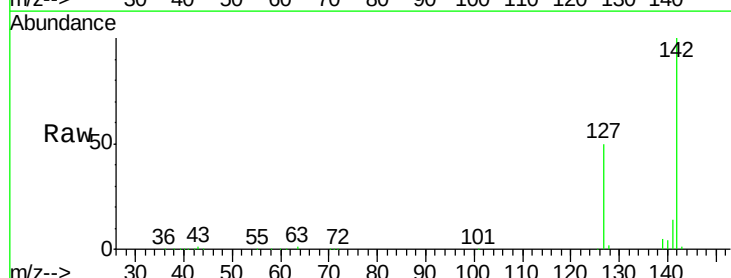
Tgt Ion:142 Resp: 374266

Ion Ratio Lower Upper

142 100

127 50.4 40.5 60.7

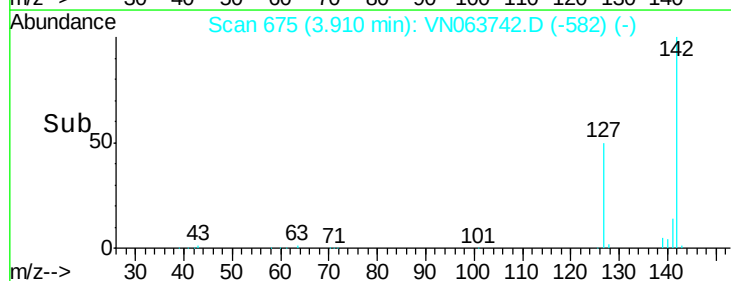
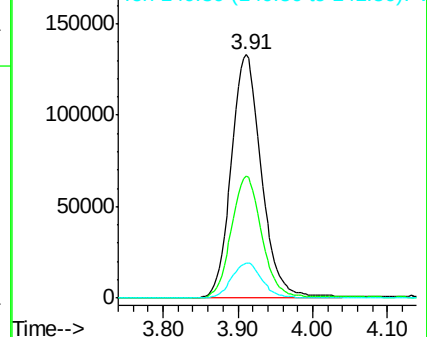
141 14.5 11.7 17.5

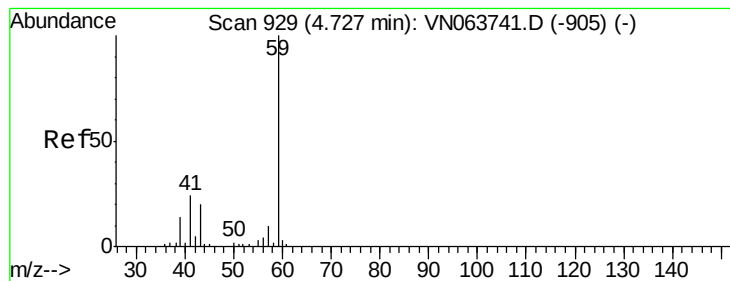


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



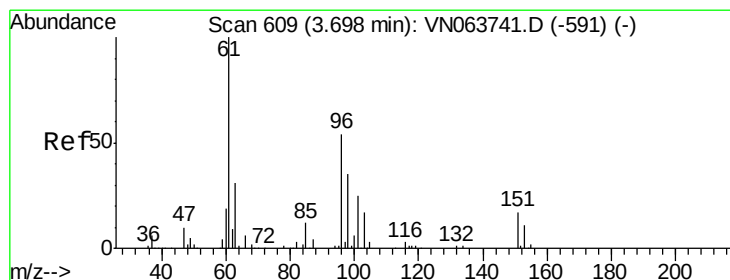
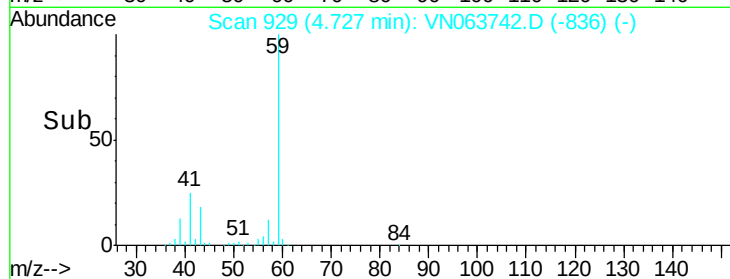
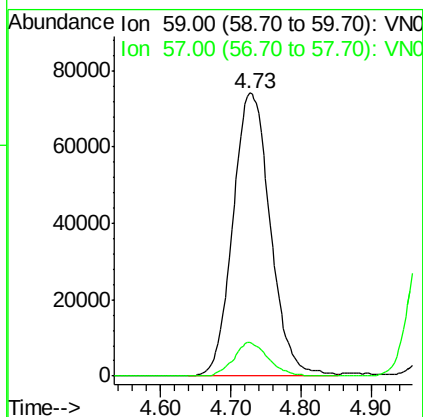
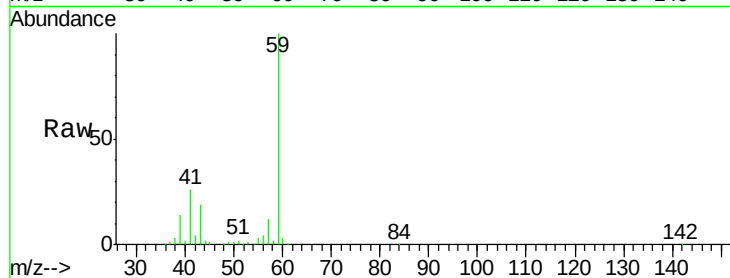


#11

Tert butyl alcohol
 Concen: 431.630 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

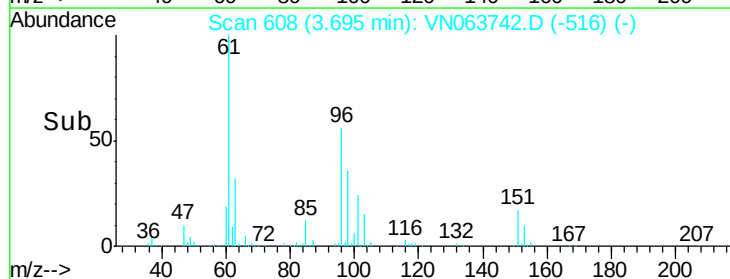
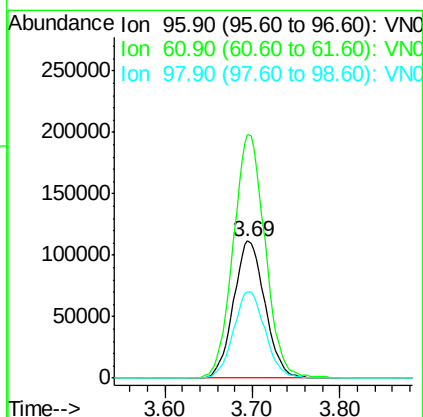
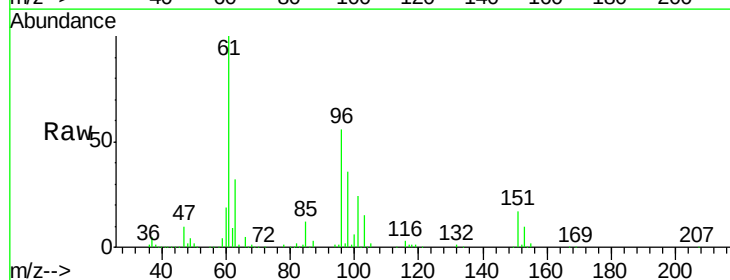
Tgt Ion: 59 Resp: 274422
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.7 13.1

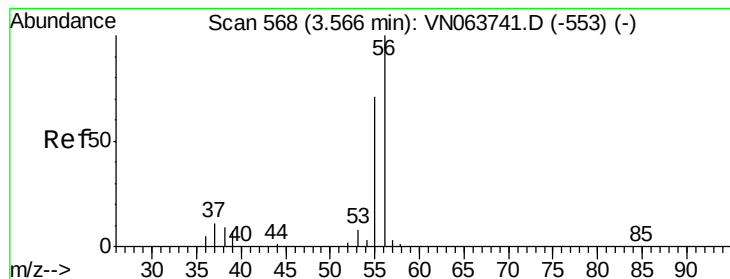


#12

1,1-Dichloroethene
 Concen: 90.067 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion: 96 Resp: 278832
 Ion Ratio Lower Upper
 96 100
 61 177.9 147.7 221.5
 98 63.4 51.9 77.9





#13

Acrolein

Concen: 654.968 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

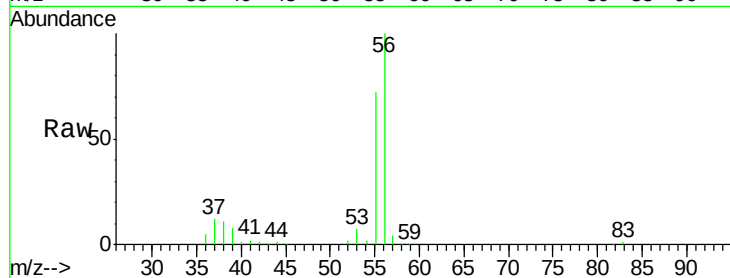
VSTDIC100

Tgt Ion: 56 Resp: 170146

Ion Ratio Lower Upper

56 100

55 71.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063742.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063742.D (-553) (-)

3.57

80000

60000

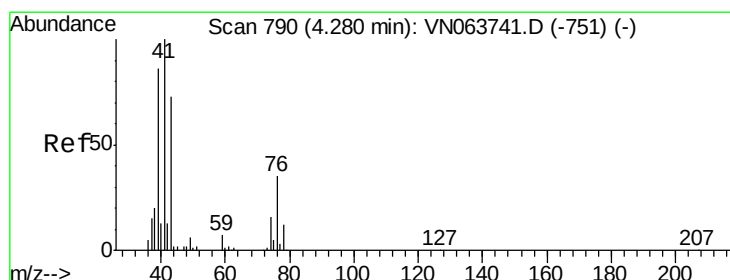
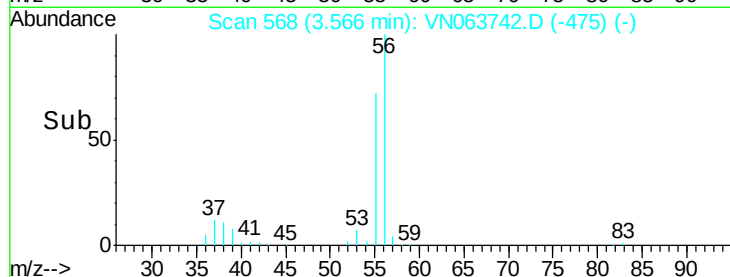
40000

20000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 89.746 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

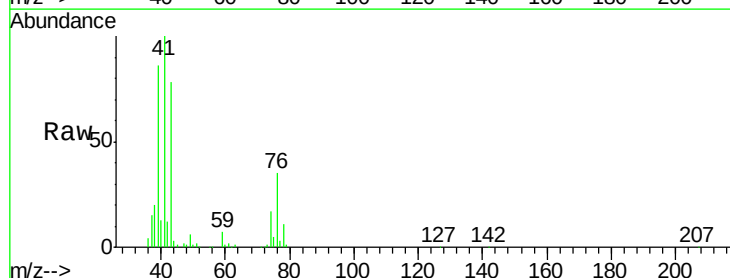
Tgt Ion: 41 Resp: 545366

Ion Ratio Lower Upper

41 100

39 77.7 64.5 96.7

76 30.7 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063742.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN063742.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN063742.D (-697) (-)

4.27

200000

150000

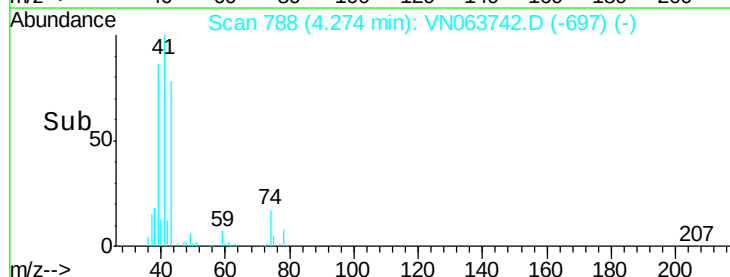
100000

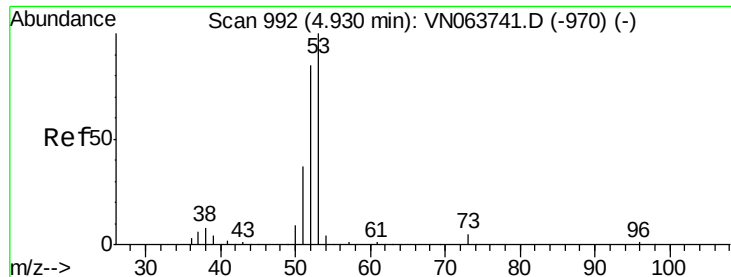
50000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 464.980 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

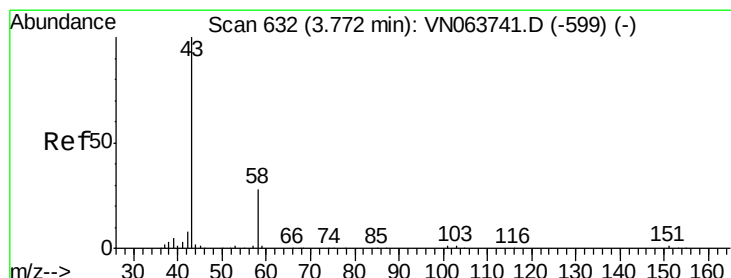
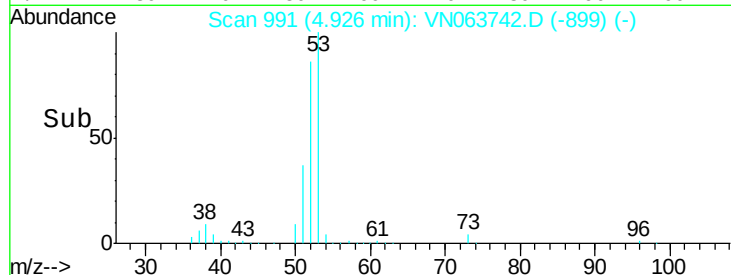
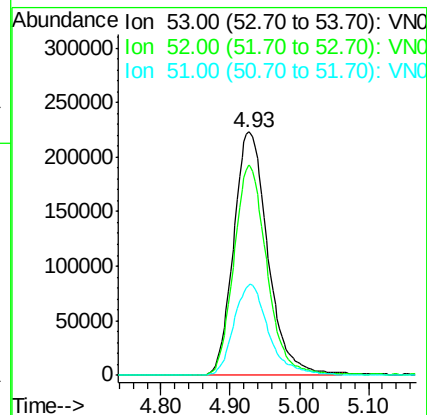
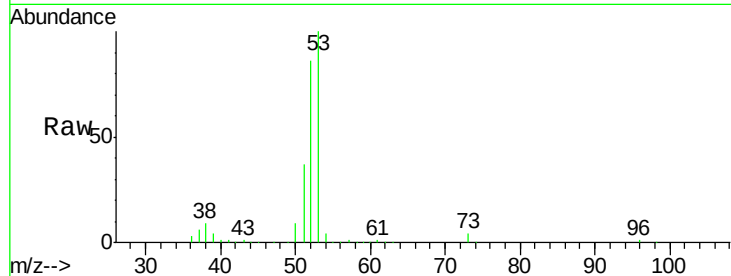
Tgt Ion: 53 Resp: 766978

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

51 38.1 29.9 44.9



#16

Acetone

Concen: 465.075 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063742.D

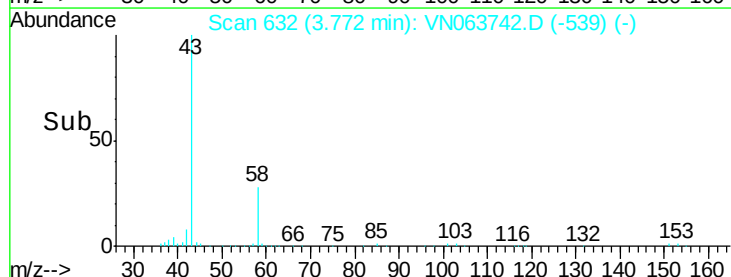
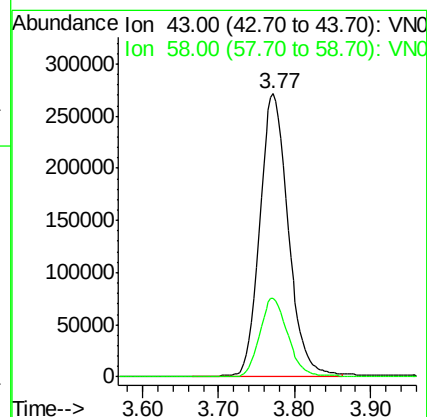
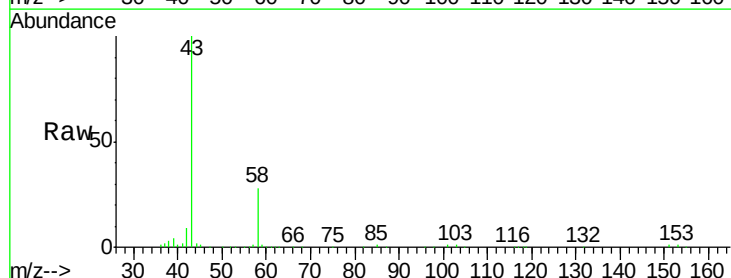
Acq: 30 Sep 2020 11:36

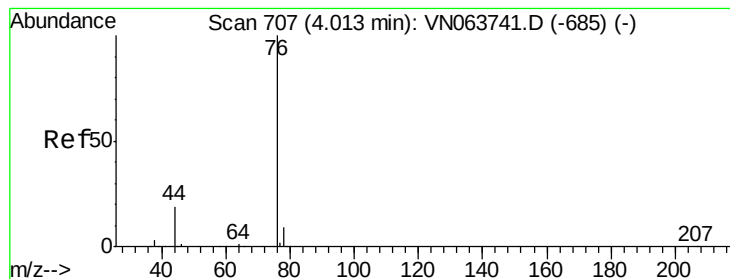
Tgt Ion: 43 Resp: 710357

Ion Ratio Lower Upper

43 100

58 27.8 22.3 33.5





#17

Carbon Disulfide

Concen: 86.463 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

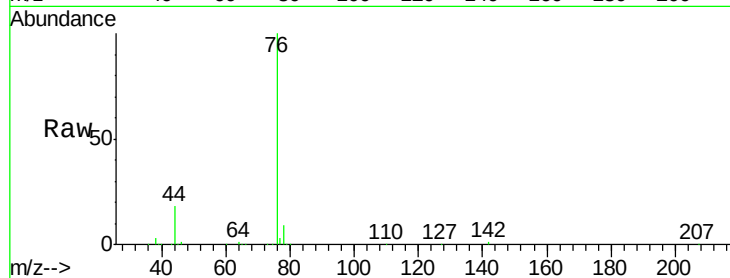
VSTDIC100

Tgt Ion: 76 Resp: 773030

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063742.D (-614) (-)

4.01

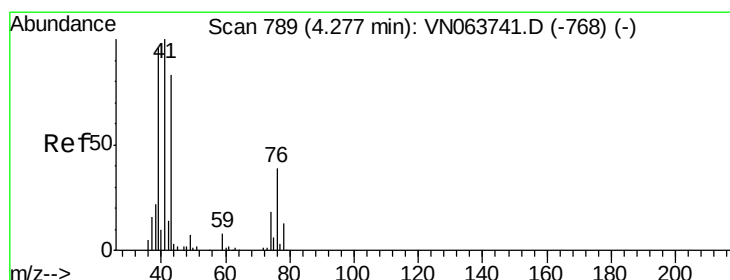
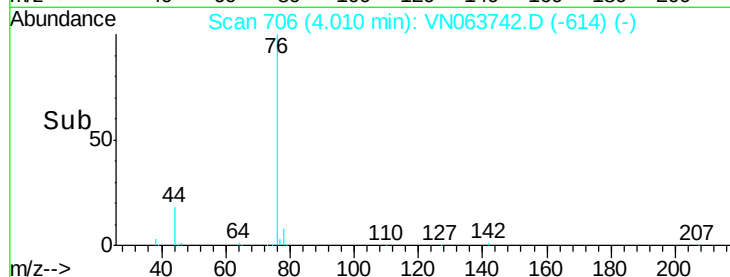
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 97.986 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063742.D

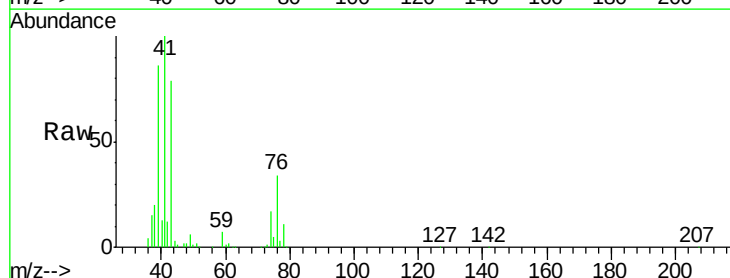
Acq: 30 Sep 2020 11:36

Tgt Ion: 43 Resp: 377741

Ion Ratio Lower Upper

43 100

74 22.6 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN063742.D (-696) (-)

4.28

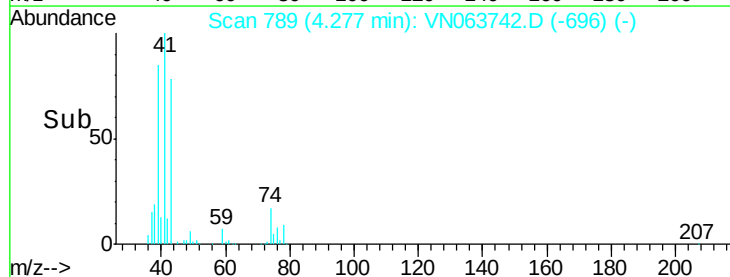
150000

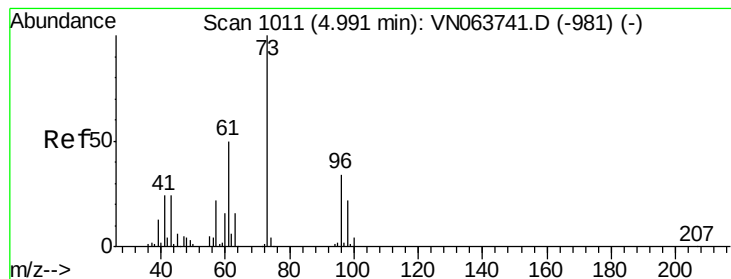
100000

50000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 91.467 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

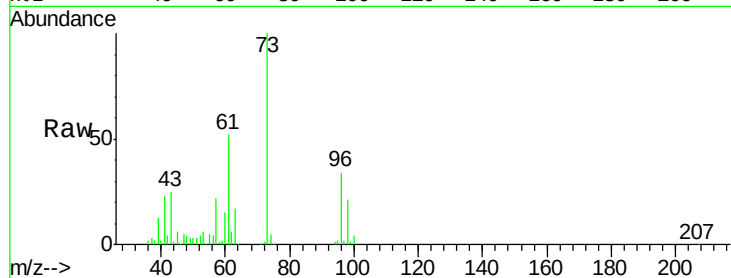
VSTDIC100

Tgt Ion: 73 Resp: 1061133

Ion Ratio Lower Upper

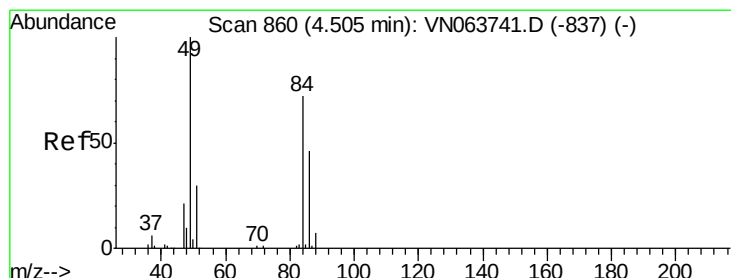
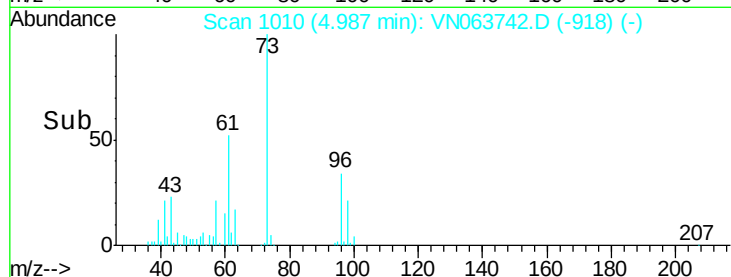
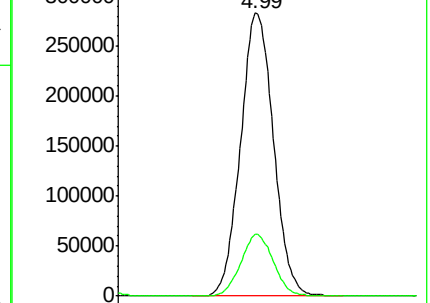
73 100

57 21.9 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VN063741.D (-981) (-)

Ion 57.00 (56.70 to 57.70): VN063741.D (-981) (-)



#20

Methylene Chloride

Concen: 85.818 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Tgt Ion: 84 Resp: 328660

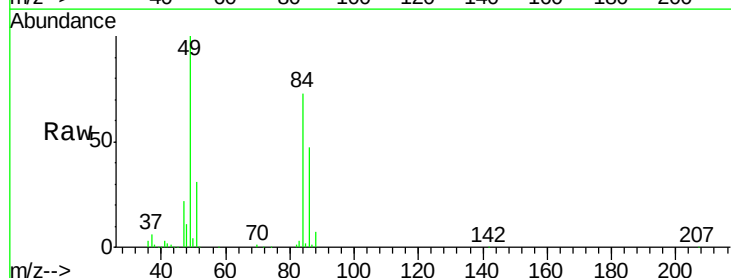
Ion Ratio Lower Upper

84 100

49 137.1 110.4 165.6

51 41.8 33.3 49.9

86 63.8 50.7 76.1

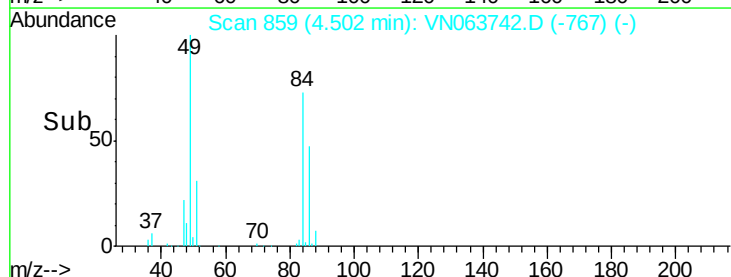
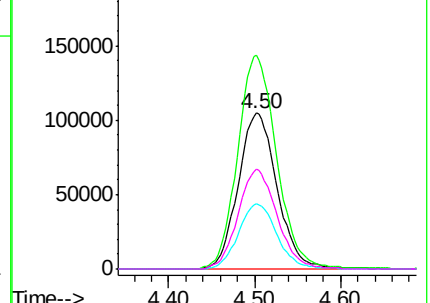


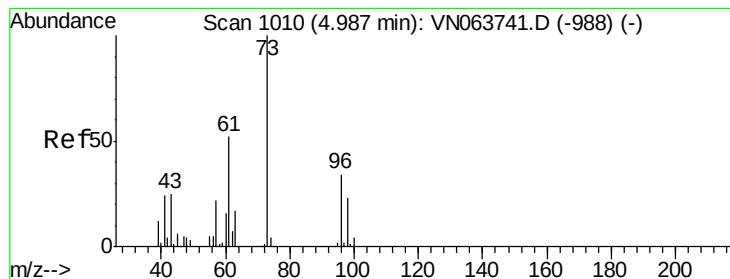
Abundance Ion 83.90 (83.60 to 84.60): VN063741.D (-837) (-)

Ion 48.90 (48.60 to 49.60): VN063741.D (-837) (-)

Ion 50.90 (50.60 to 51.60): VN063741.D (-837) (-)

Ion 85.90 (85.60 to 86.60): VN063741.D (-837) (-)





#21

trans-1,2-Dichloroethene

Concen: 89.967 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

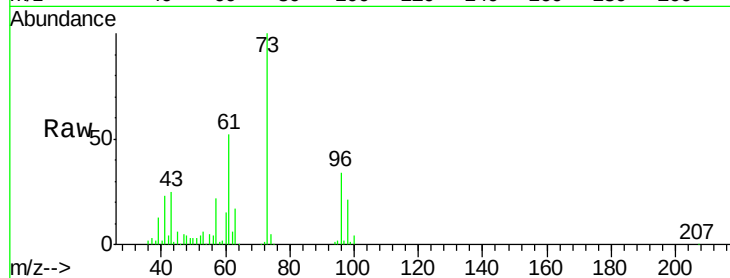
Tgt Ion: 96 Resp: 309437

Ion Ratio Lower Upper

96 100

61 151.8 120.2 180.2

98 62.4 52.6 79.0



Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

200000

150000

100000

50000

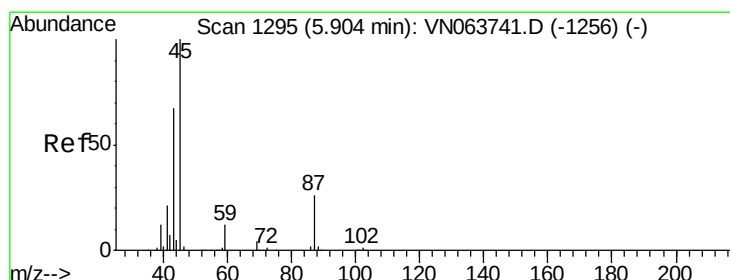
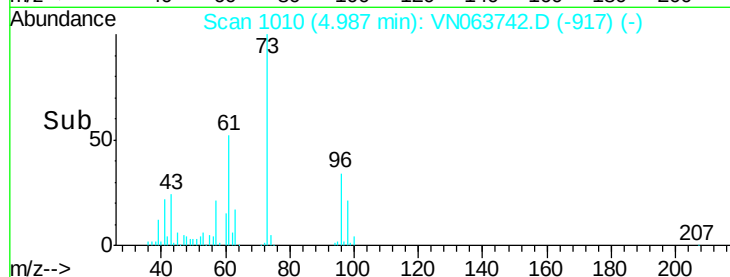
0

4.90

5.00

5.10

Time-->



#22

Diisopropyl ether

Concen: 90.894 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Tgt Ion: 45 Resp: 1138564

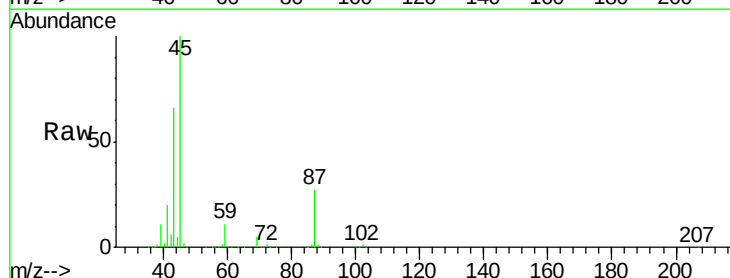
Ion Ratio Lower Upper

45 100

43 65.7 53.7 80.5

87 26.5 21.1 31.7

59 11.0 9.2 13.8



Abundance

Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

2000000

1500000

1000000

500000

0

5.70

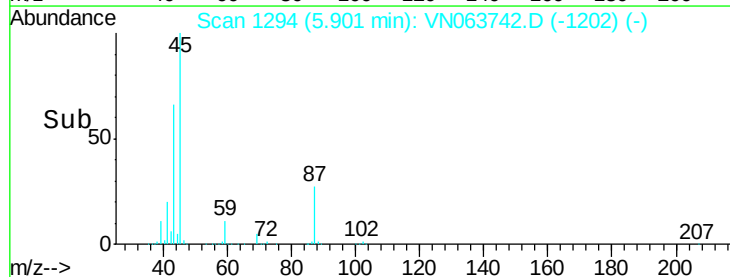
5.80

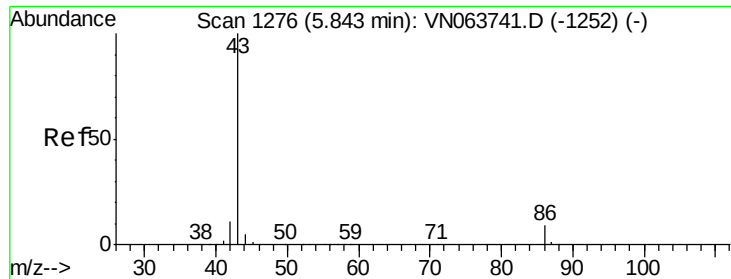
5.90

6.00

6.10

Time-->





#23

Vinyl Acetate

Concen: 472.325 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

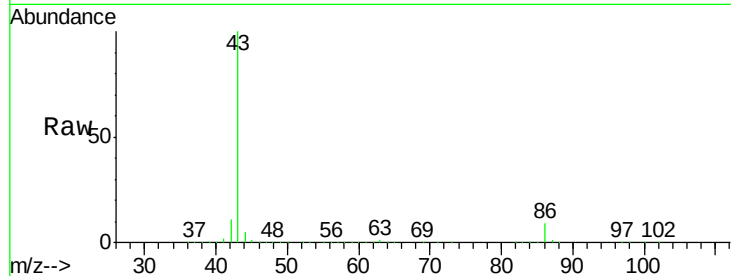
VSTDICC100

Tgt Ion: 43 Resp: 4846162

Ion Ratio Lower Upper

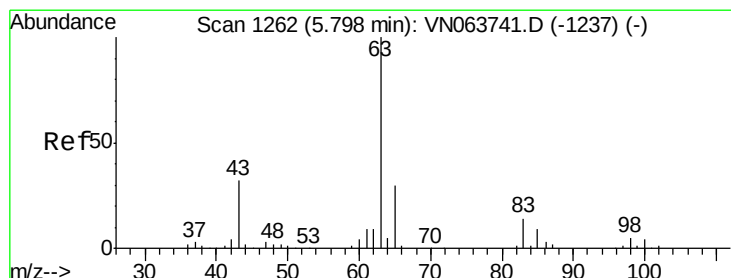
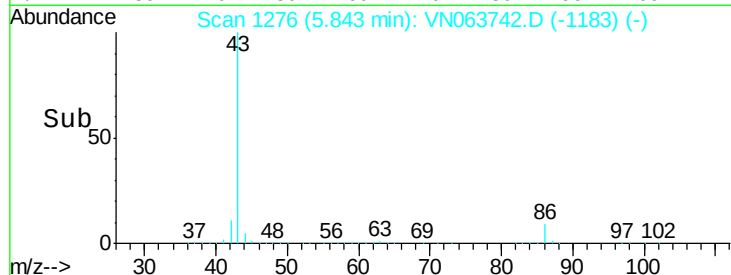
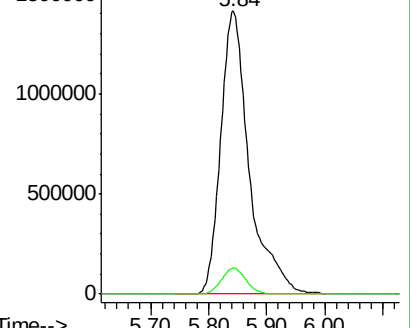
43 100

86 9.3 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN063742.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN063742.D (-1183) (-)



#24

1,1-Dichloroethane

Concen: 89.591 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

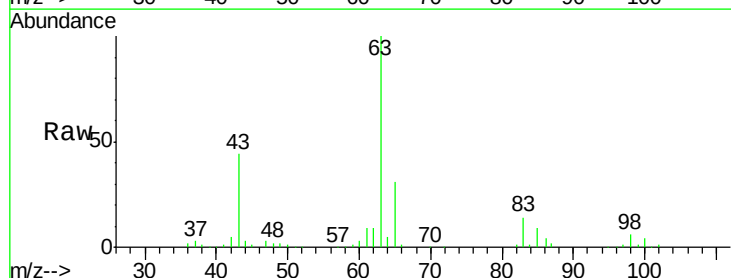
Tgt Ion: 63 Resp: 612900

Ion Ratio Lower Upper

63 100

98 6.1 2.7 8.1

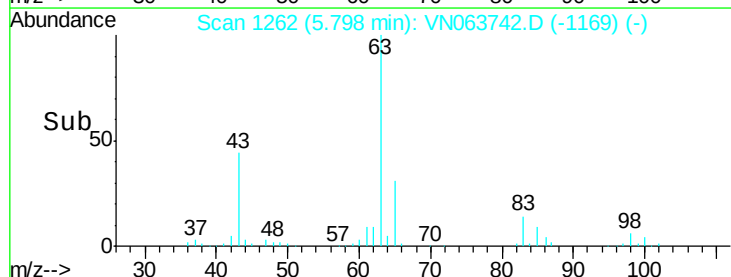
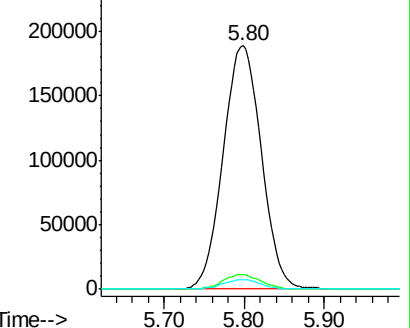
100 4.1 1.9 5.7

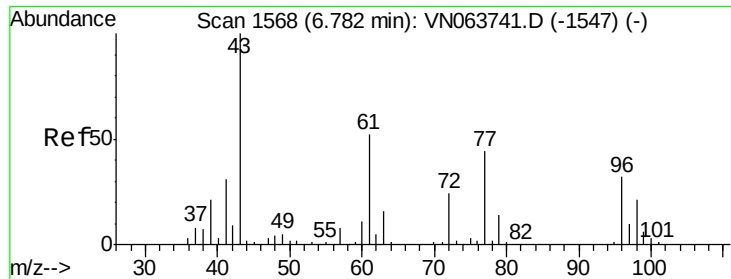


Abundance Ion 62.90 (62.60 to 63.60): VN063742.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN063742.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN063742.D (-1169) (-)

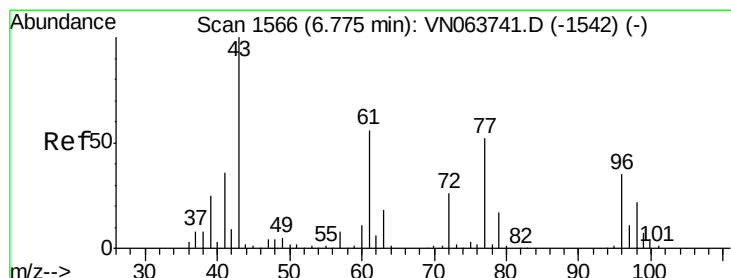
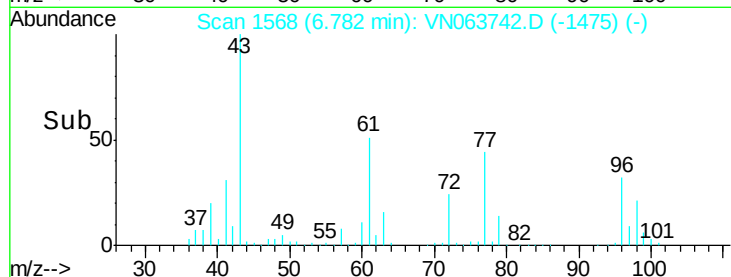
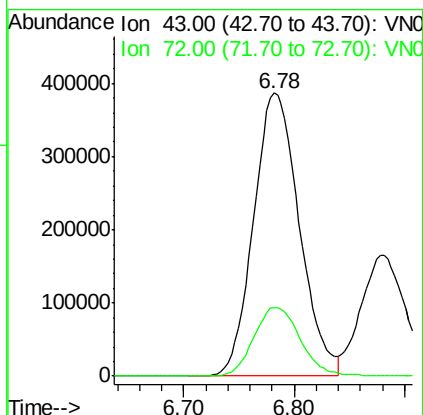
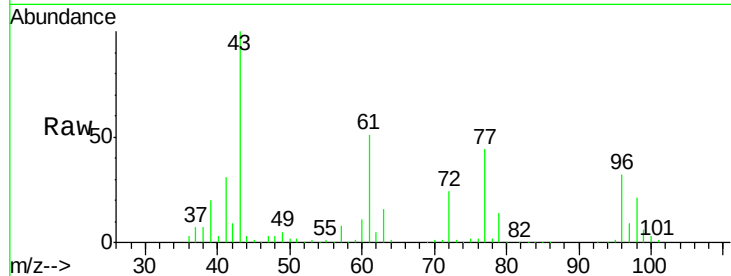




#25
2-Butanone
Concen: 478.591 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

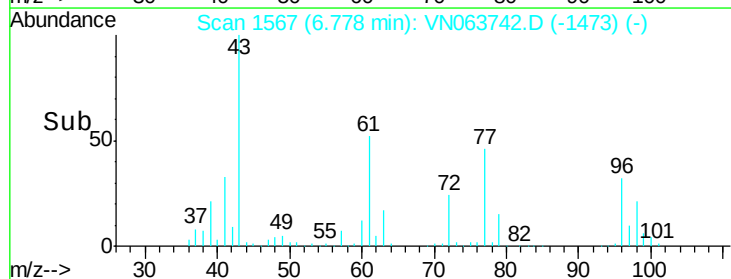
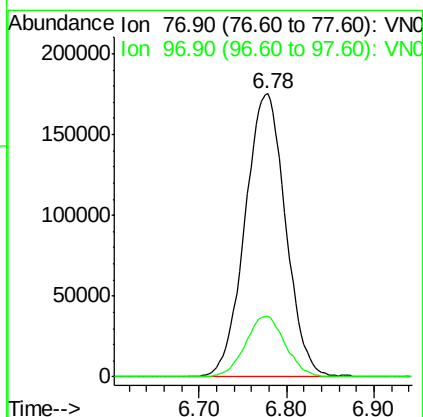
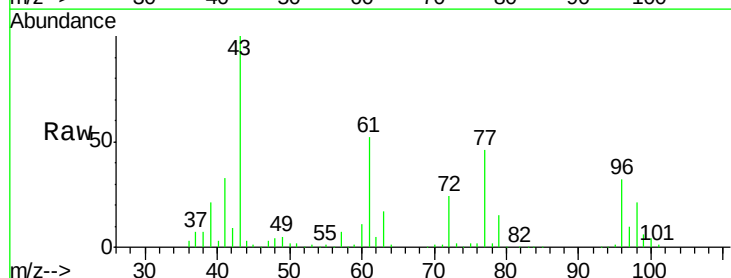
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

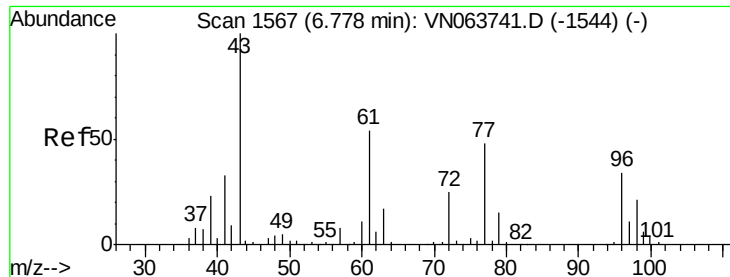
Tgt Ion: 43 Resp: 1110213
Ion Ratio Lower Upper
43 100
72 24.4 19.3 28.9



#26
2,2-Dichloropropane
Concen: 92.876 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Tgt Ion: 77 Resp: 564202
Ion Ratio Lower Upper
77 100
97 21.2 10.8 32.3

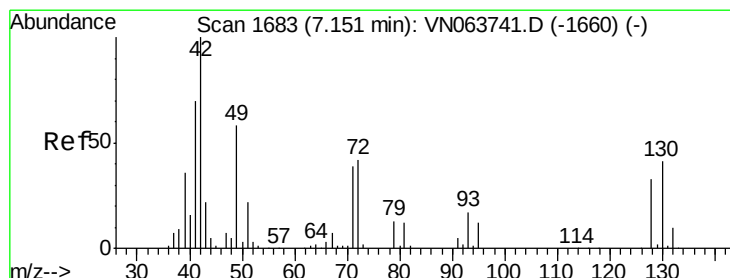
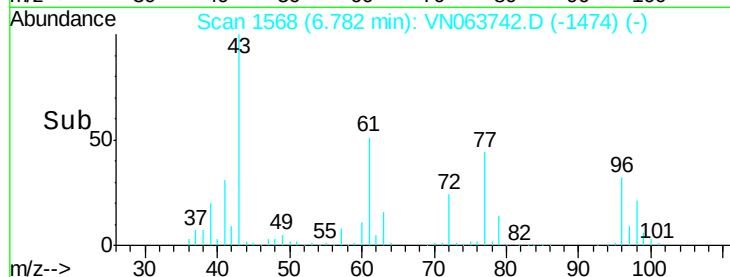
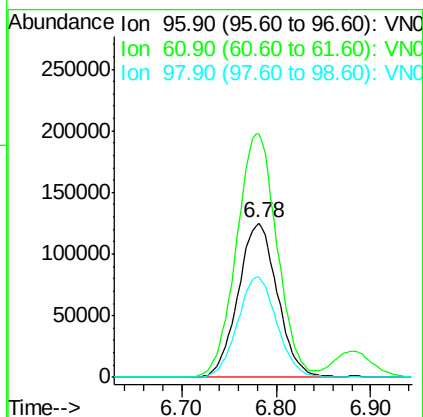
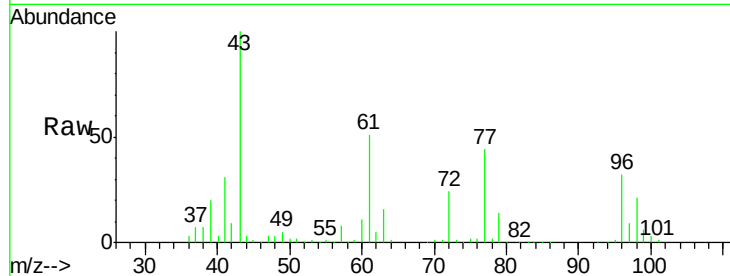




#27
 cis-1,2-Dichloroethene
 Concen: 92.420 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

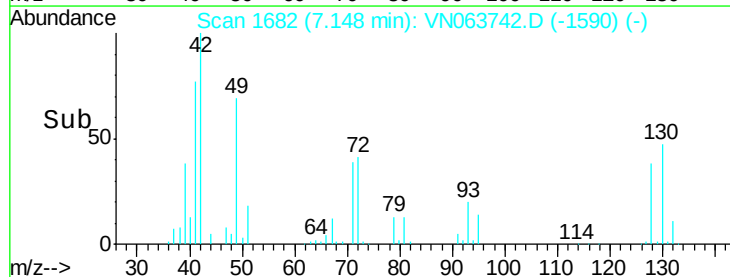
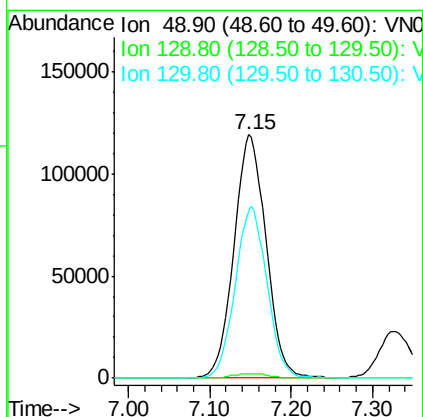
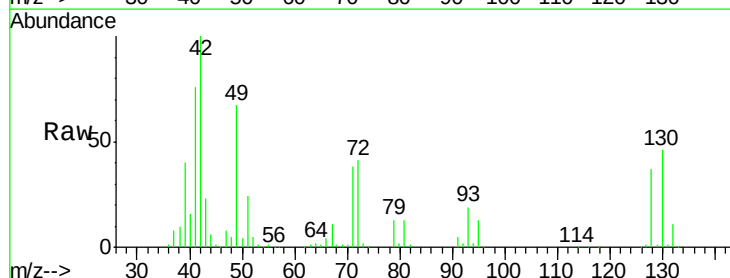
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

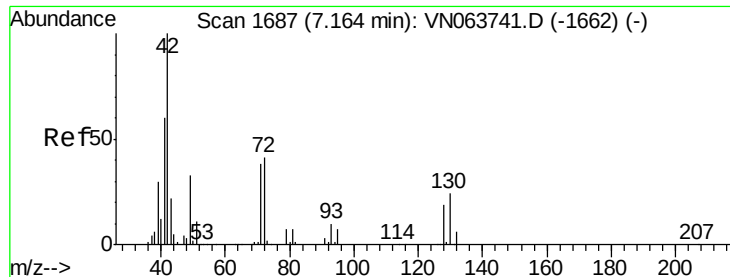
Tgt Ion: 96 Resp: 359955
 Ion Ratio Lower Upper
 96 100
 61 162.8 0.0 321.2
 98 65.3 0.0 124.4



#28
 Bromochloromethane
 Concen: 100.958 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion: 49 Resp: 325784
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 69.2 55.6 83.4





#29

Tetrahydrofuran

Concen: 457.122 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

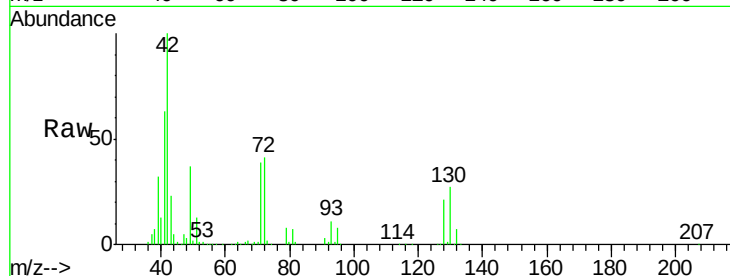
Tgt Ion: 42 Resp: 723778

Ion Ratio Lower Upper

42 100

72 41.0 32.8 49.2

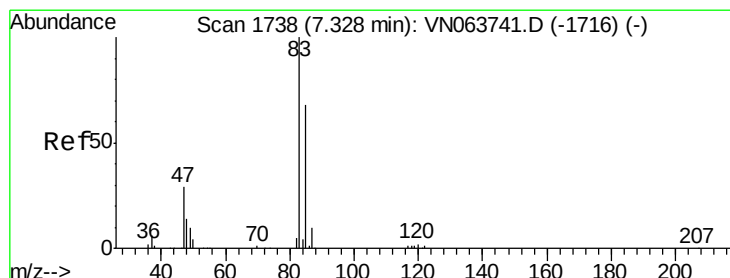
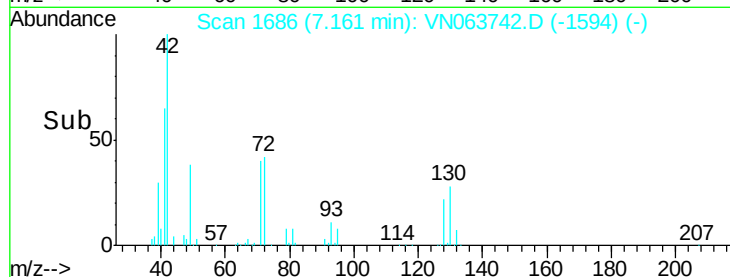
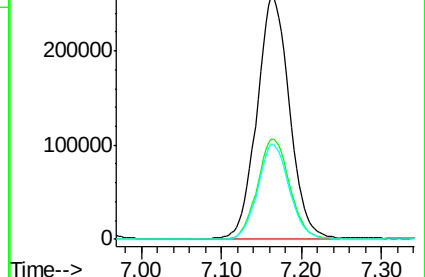
71 37.9 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN063741.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN063741.D (-1662) (-)



#30

Chloroform

Concen: 94.778 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063742.D

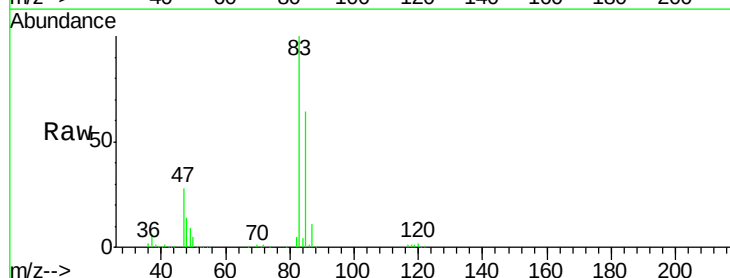
Acq: 30 Sep 2020 11:36

Tgt Ion: 83 Resp: 654997

Ion Ratio Lower Upper

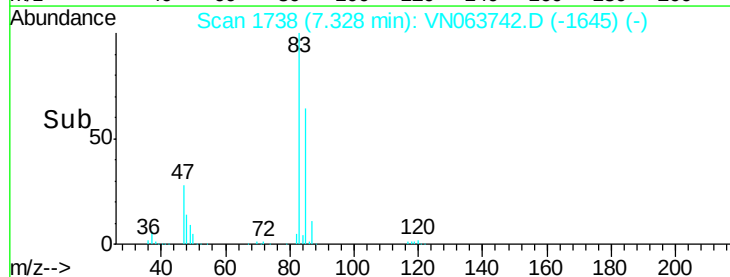
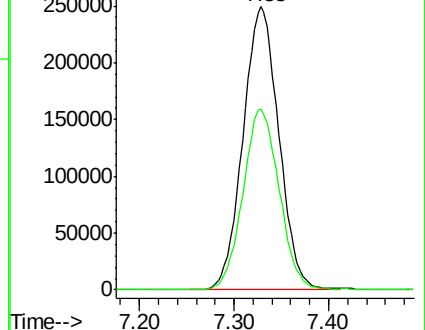
83 100

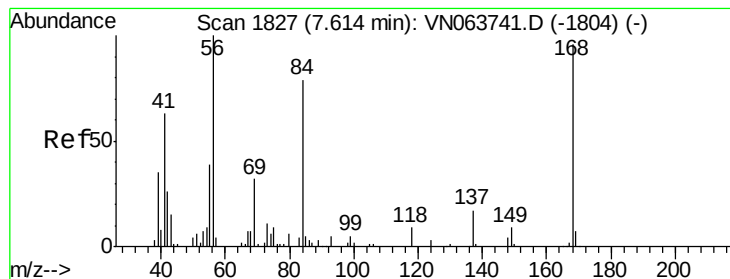
85 63.7 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-1716) (-)





#31

Cyclohexane

Concen: 81.049 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

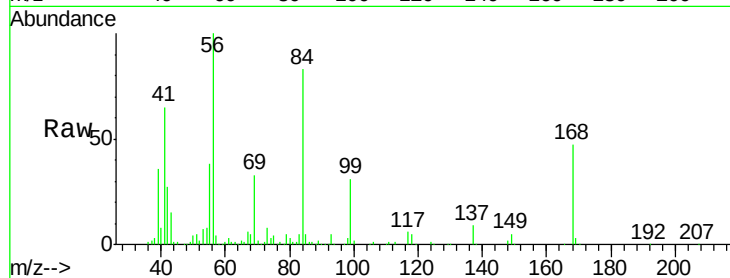
Tgt Ion: 56 Resp: 516512

Ion Ratio Lower Upper

56 100

69 32.5 25.4 38.2

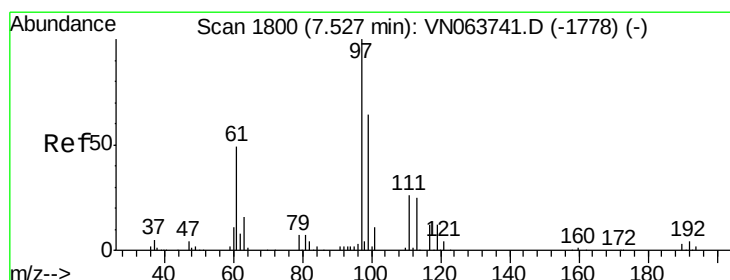
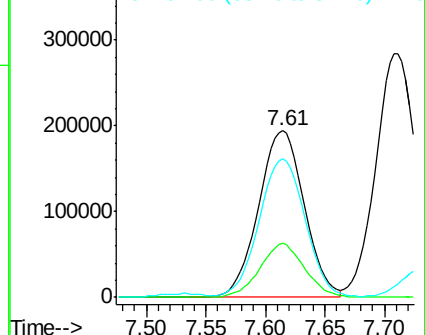
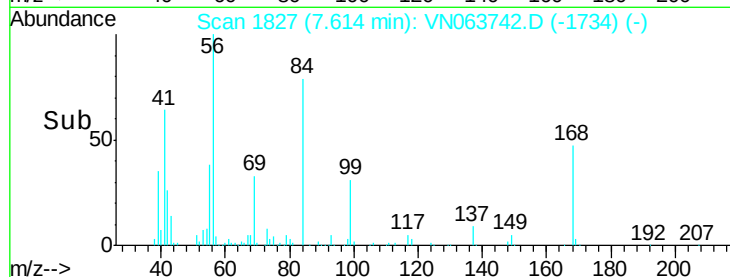
84 80.8 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063742.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063742.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063742.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 96.595 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

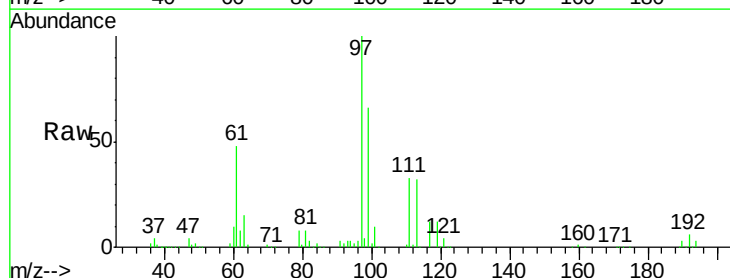
Tgt Ion: 97 Resp: 597690

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

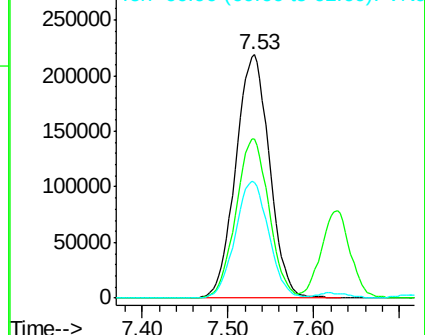
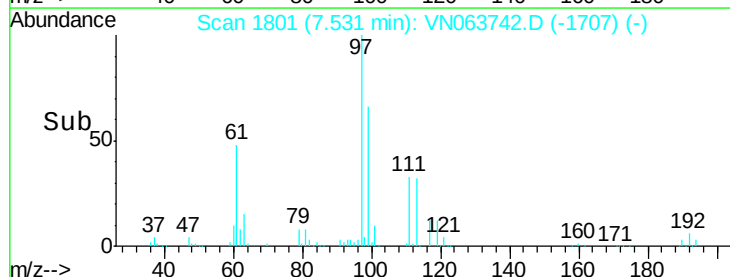
61 47.6 38.7 58.1

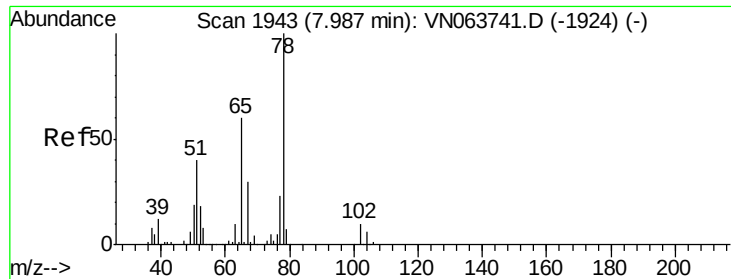


Abundance Ion 96.90 (96.60 to 97.60): VN063742.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063742.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063742.D (-1707) (-)

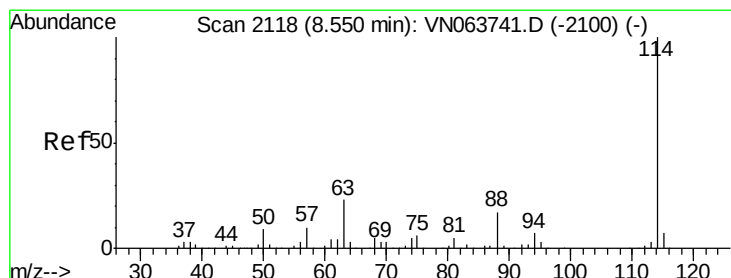
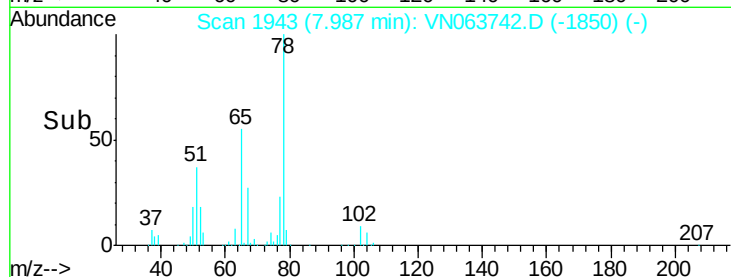
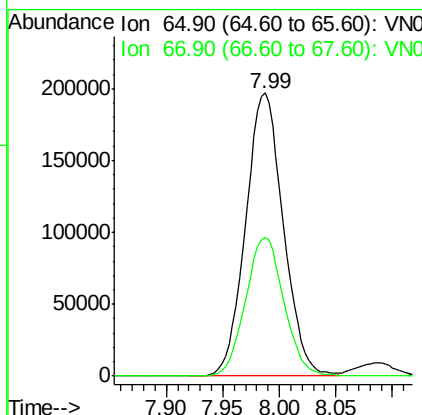
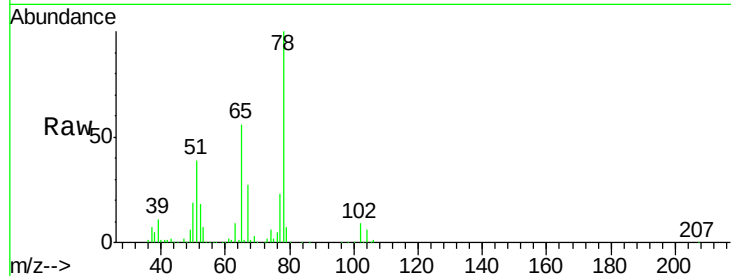




#33
 1,2-Dichloroethane-d4
 Concen: 95.508 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

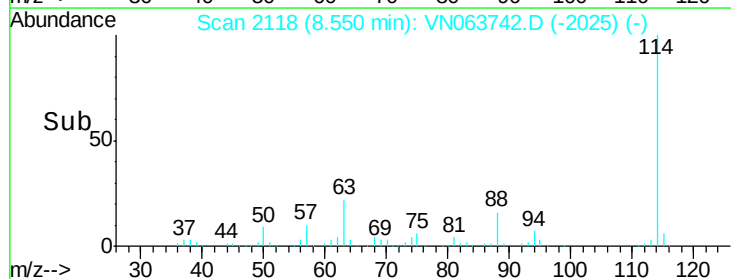
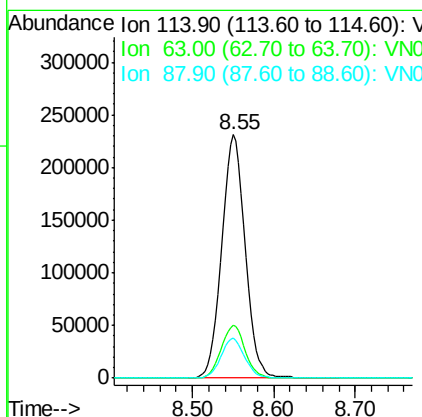
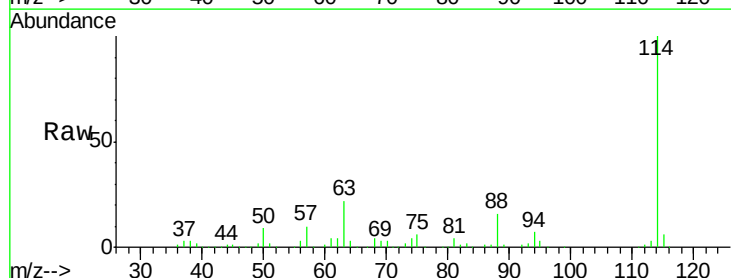
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

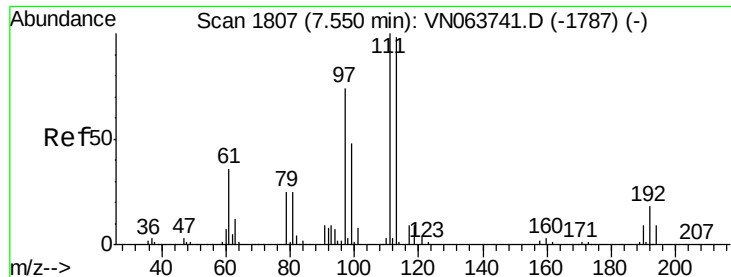
Tgt Ion: 65 Resp: 456646
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion: 114 Resp: 471217
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 16.4 0.0 34.0

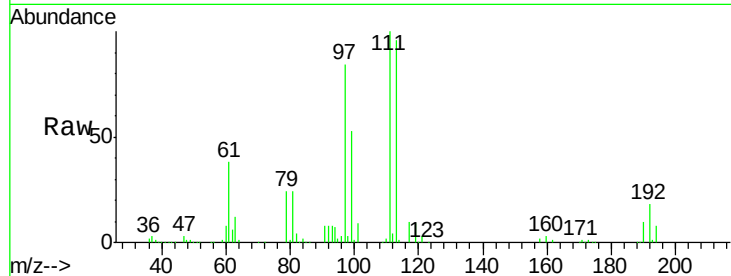




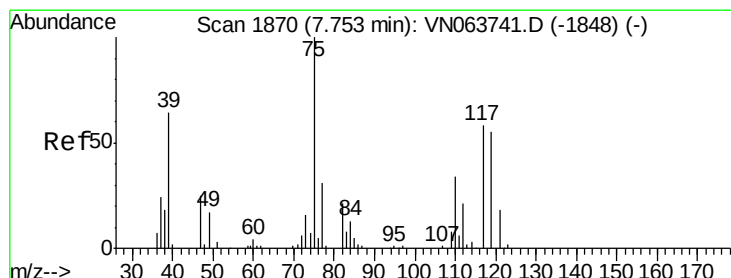
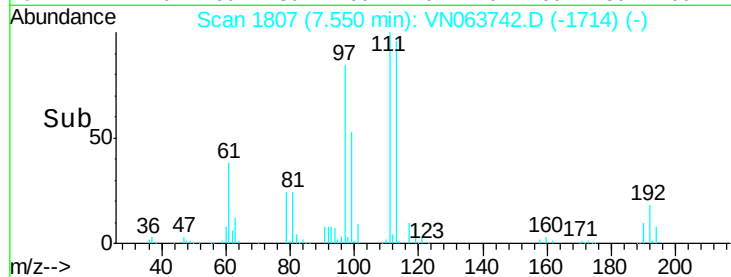
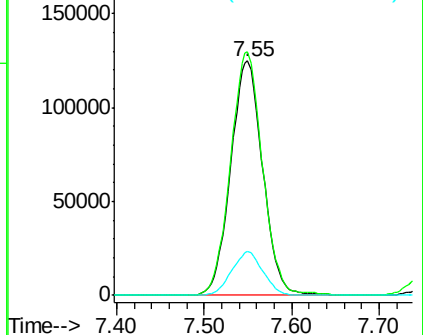
#35
 Dibromofluoromethane
 Concen: 96.979 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 113 Resp: 317391
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.8
 192 18.3 14.2 21.2

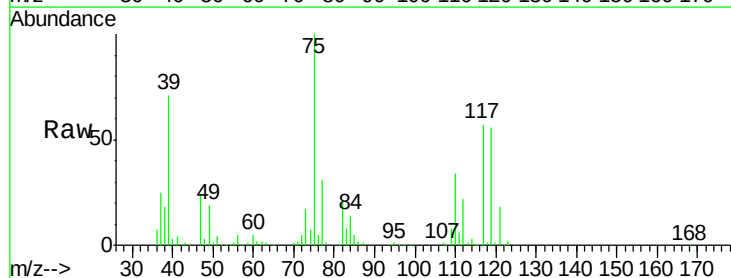


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

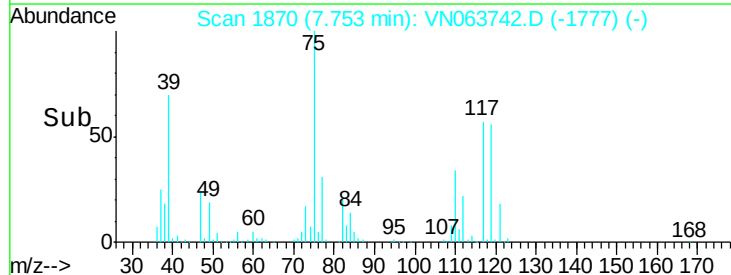
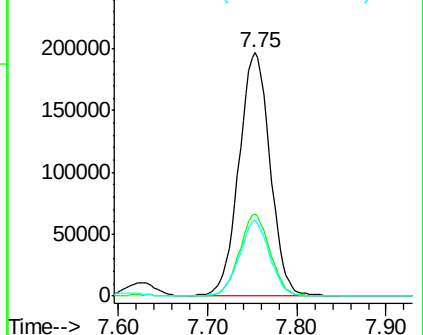


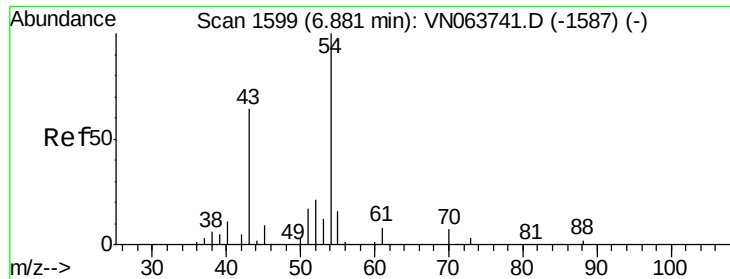
#36
 1,1-Dichloropropene
 Concen: 95.950 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion: 75 Resp: 474489
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.9 50.6
 77 30.4 24.5 36.7



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

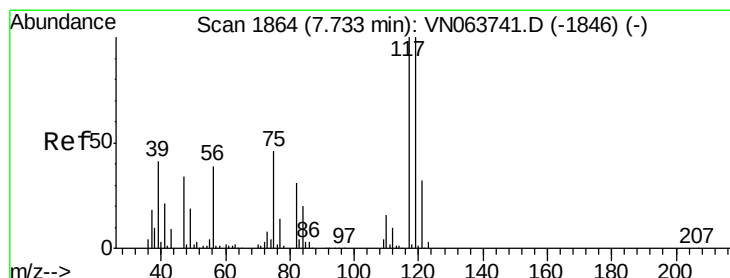
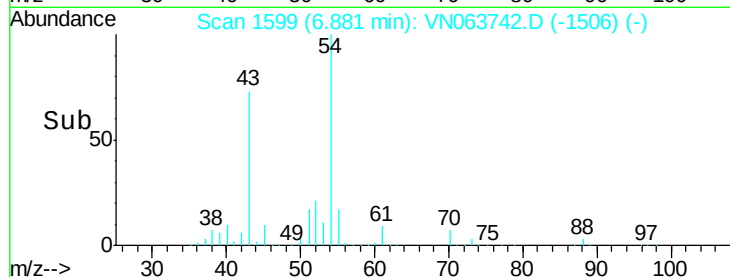
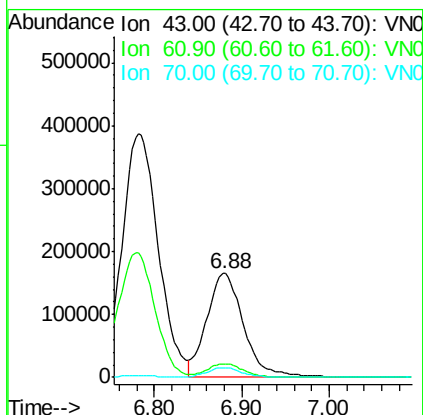
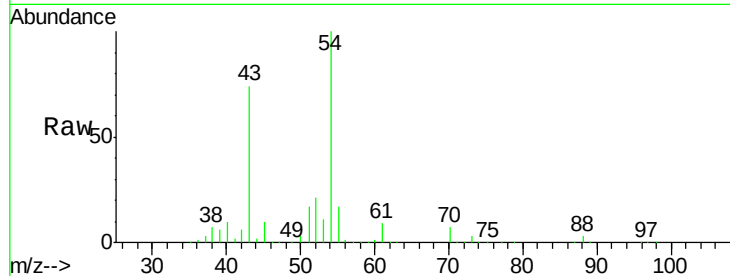




#37
Ethyl Acetate
Concen: 98.191 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

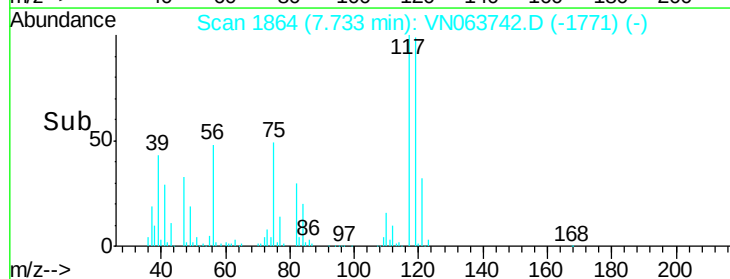
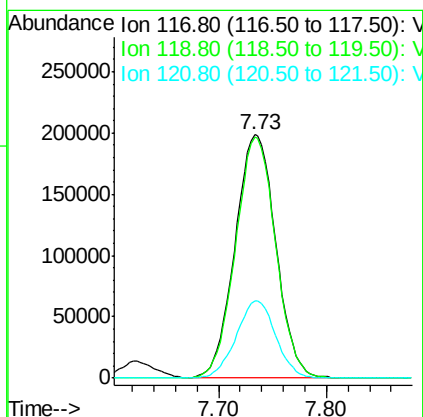
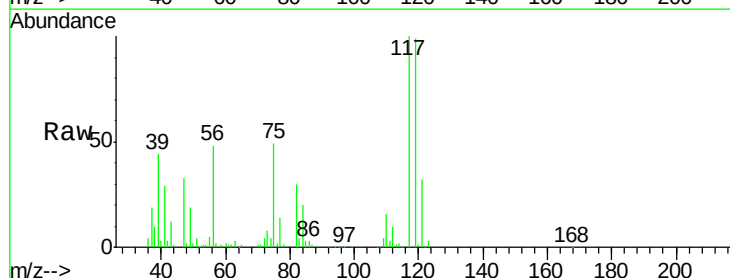
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

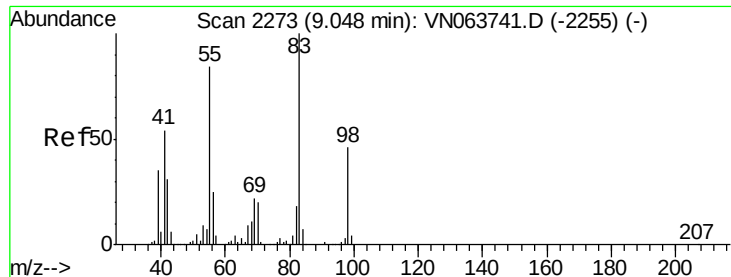
Tgt Ion: 43 Resp: 474614
Ion Ratio Lower Upper
43 100
61 12.3 10.4 15.6
70 9.2 7.3 10.9



#38
Carbon Tetrachloride
Concen: 101.737 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Tgt Ion: 117 Resp: 518710
Ion Ratio Lower Upper
117 100
119 98.9 80.1 120.1
121 31.8 25.7 38.5

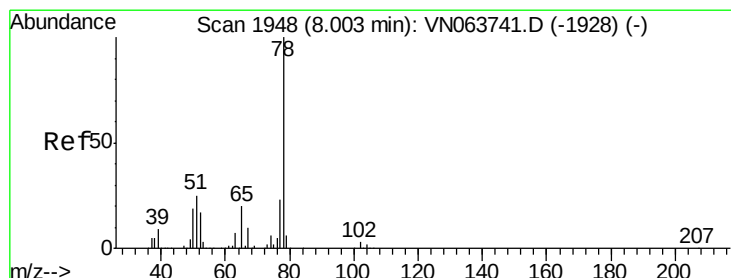
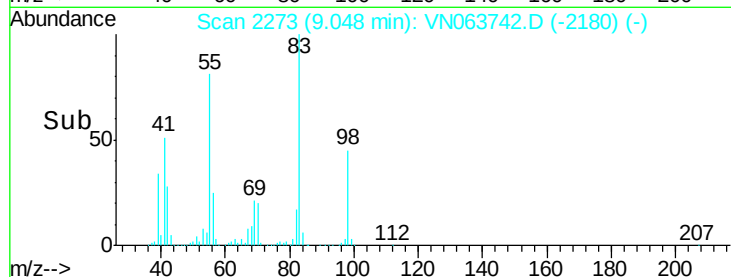
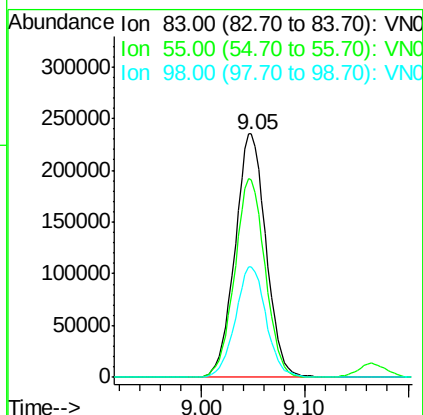
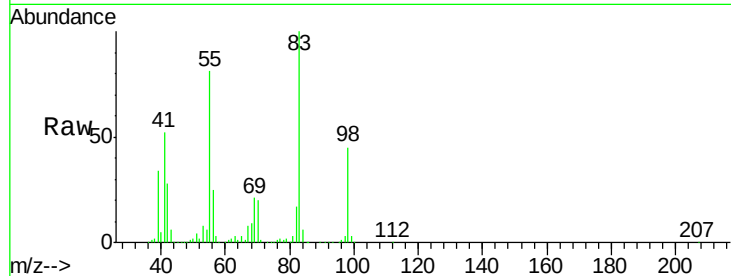




#39
Methylcyclohexane
Concen: 92.186 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

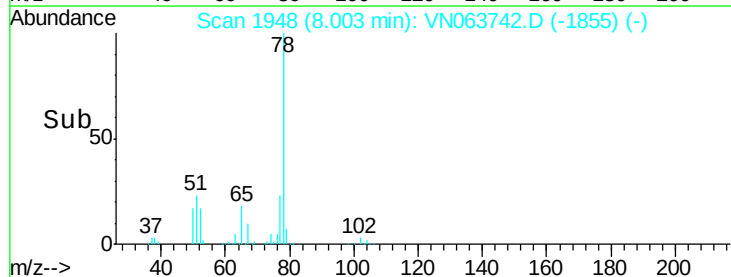
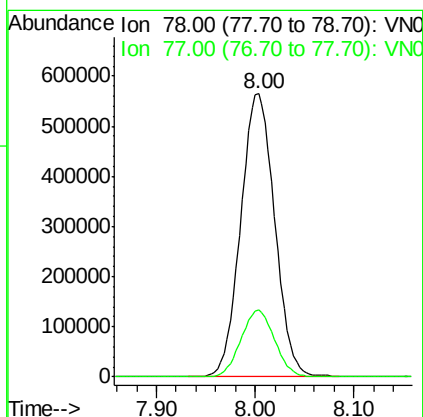
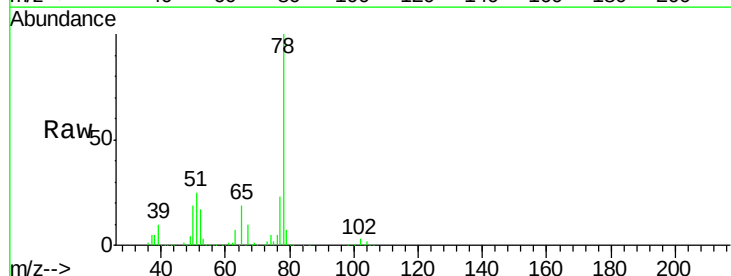
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

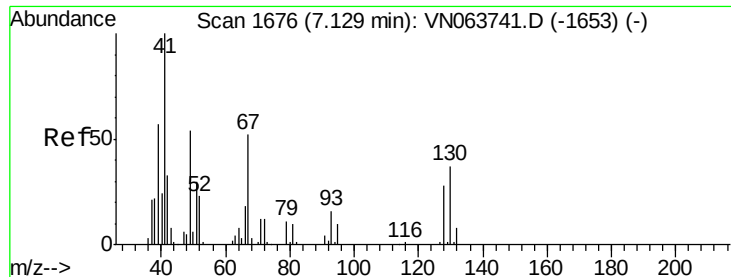
Tgt Ion: 83 Resp: 490501
Ion Ratio Lower Upper
83 100
55 81.0 67.1 100.7
98 45.4 36.6 54.8



#40
Benzene
Concen: 95.381 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Tgt Ion: 78 Resp: 1346398
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1





#41

Methacrylonitrile

Concen: 91.262 ug/l

RT: 7.12 min Scan# 1674

Delta R.T. -0.01 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 202026

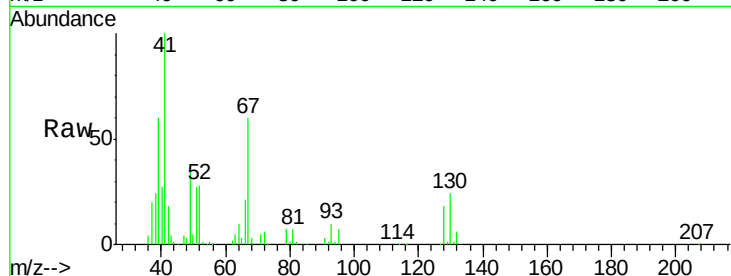
Ion Ratio Lower Upper

41 100

39 71.4 42.5 63.7#

67 86.9 57.4 86.2#

52 40.8 26.9 40.3#

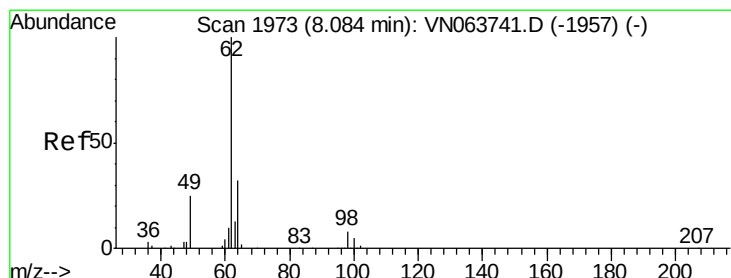
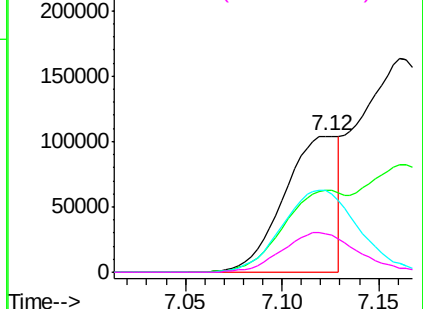
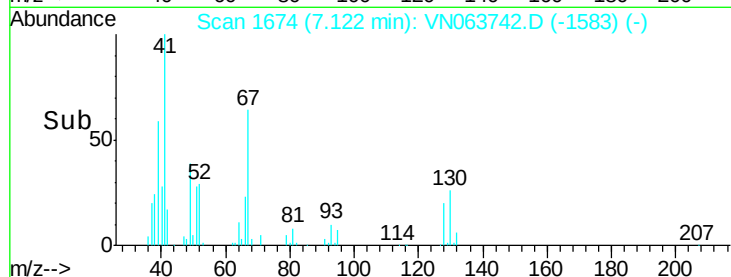


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 99.837 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN063742.D

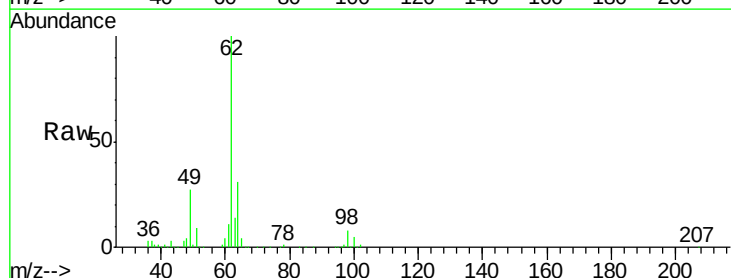
Acq: 30 Sep 2020 11:36

Tgt Ion: 62 Resp: 572123

Ion Ratio Lower Upper

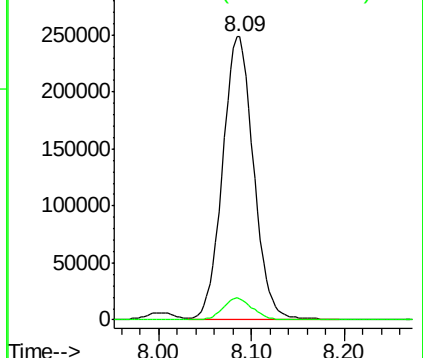
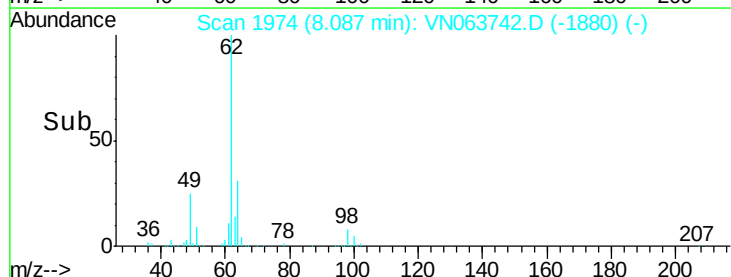
62 100

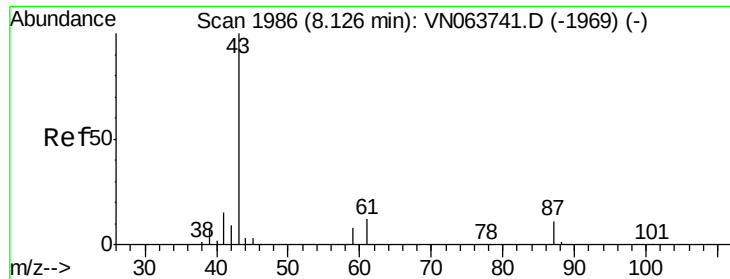
98 7.4 0.0 15.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

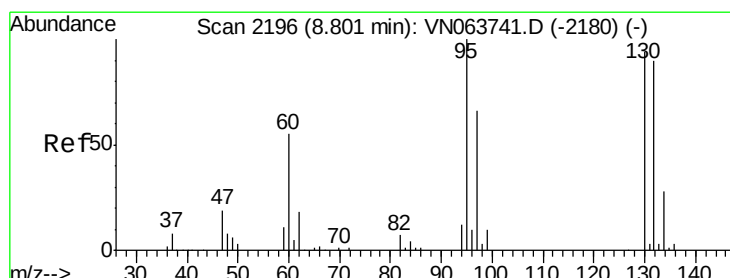
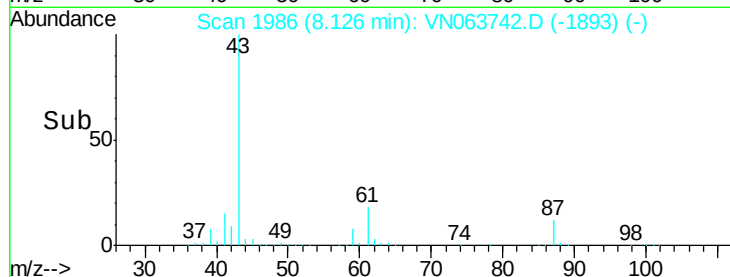
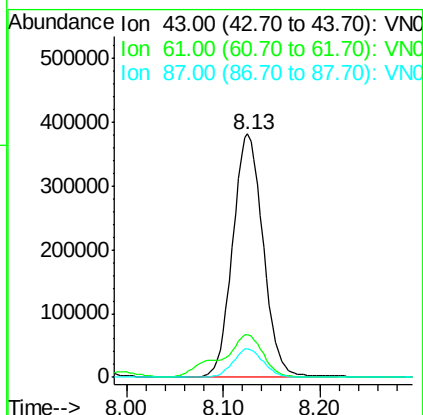
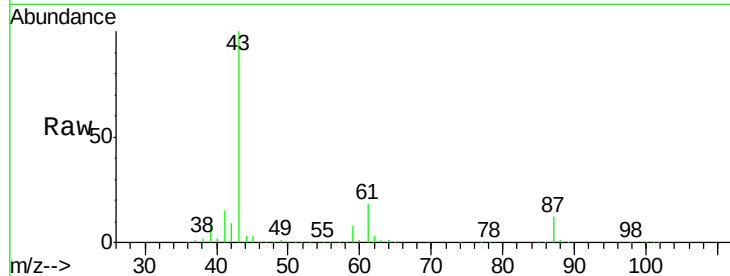




#43
Isopropyl Acetate
Concen: 96.141 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

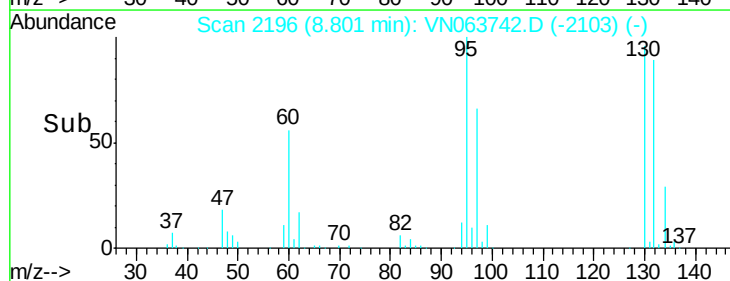
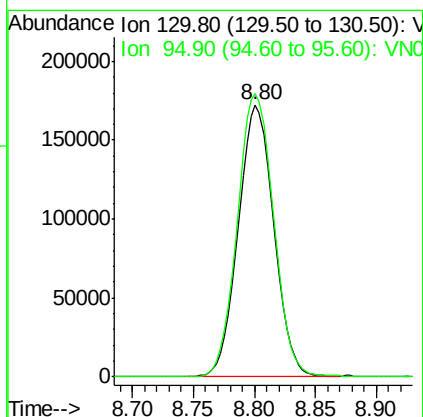
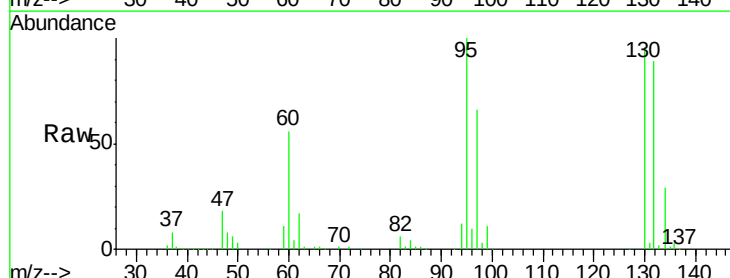
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

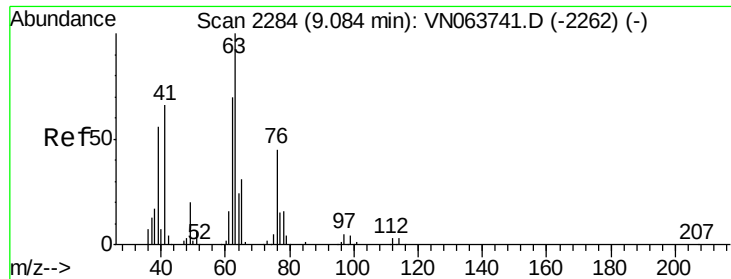
Tgt Ion: 43 Resp: 832898
Ion Ratio Lower Upper
43 100
61 17.4 14.2 21.4
87 11.8 9.0 13.6



#44
Trichloroethene
Concen: 100.185 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Tgt Ion: 130 Resp: 347130
Ion Ratio Lower Upper
130 100
95 104.0 0.0 213.6

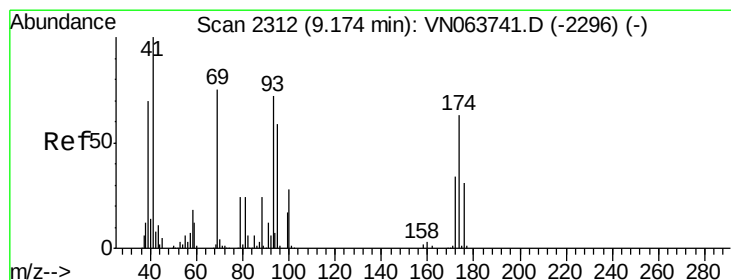
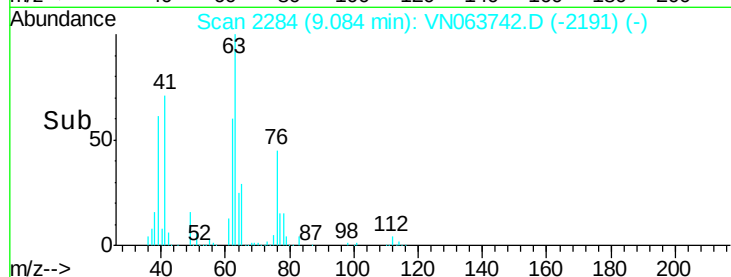
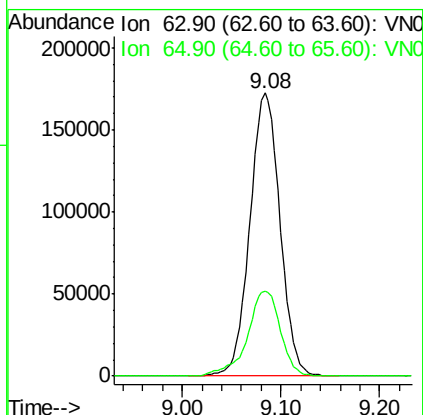
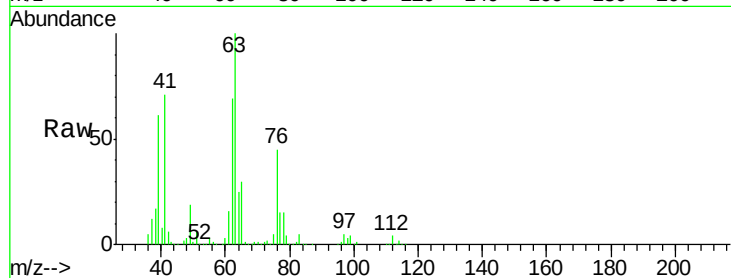




#45
 1,2-Dichloropropane
 Concen: 94.749 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

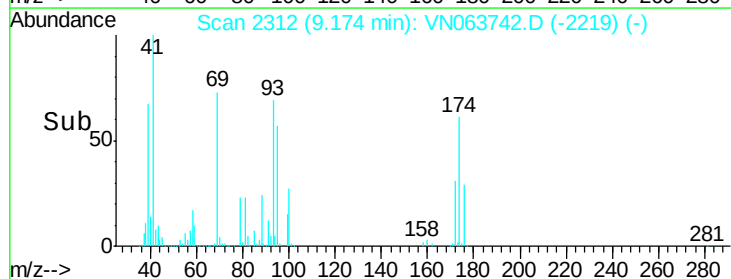
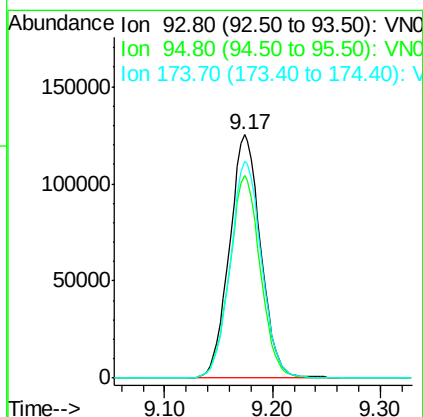
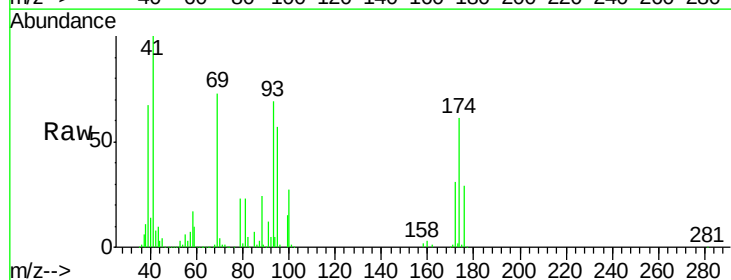
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

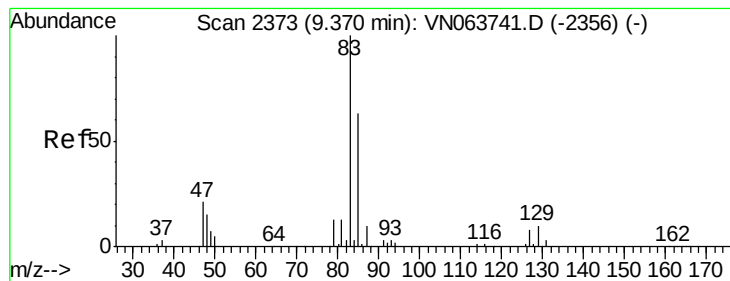
Tgt Ion: 63 Resp: 363737
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



#46
 Dibromomethane
 Concen: 99.793 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion: 93 Resp: 253183
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.3 99.5
 174 89.1 72.7 109.1





#47

Bromodichloromethane

Concen: 102.945 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

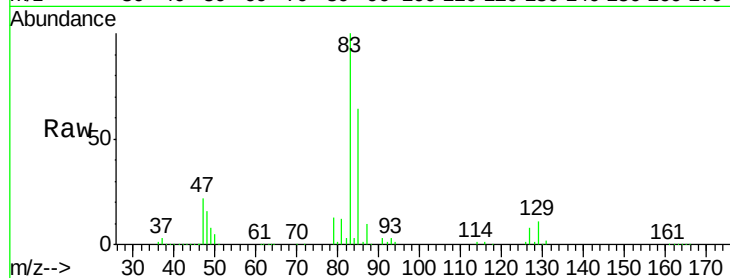
Tgt Ion: 83 Resp: 545280

Ion Ratio Lower Upper

83 100

85 63.6 50.6 75.8

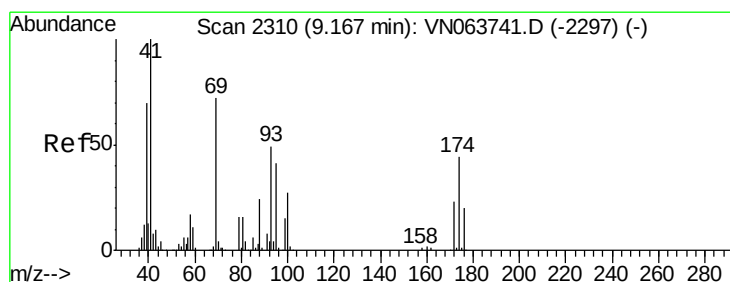
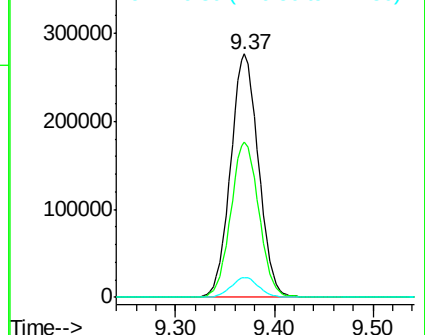
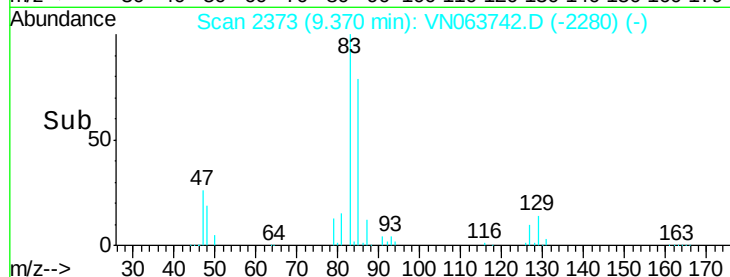
127 8.3 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063742.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063742.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063742.D (-2280) (-)



#48

Methyl methacrylate

Concen: 97.727 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

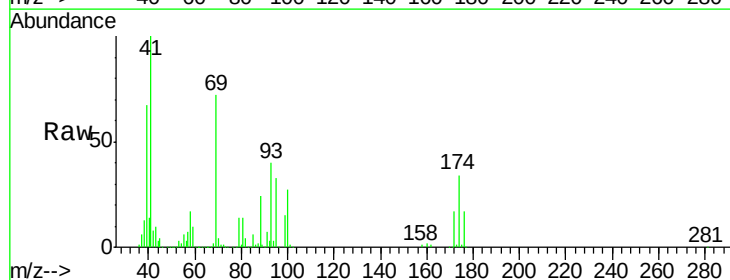
Tgt Ion: 41 Resp: 414386

Ion Ratio Lower Upper

41 100

69 75.1 60.9 91.3

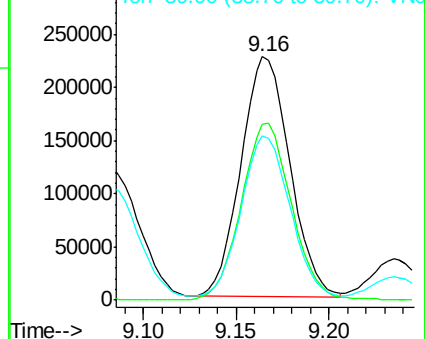
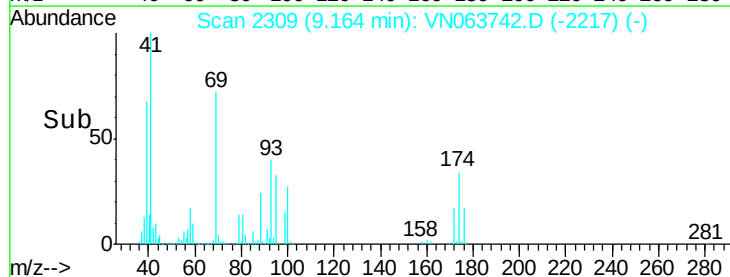
39 69.6 57.5 86.3

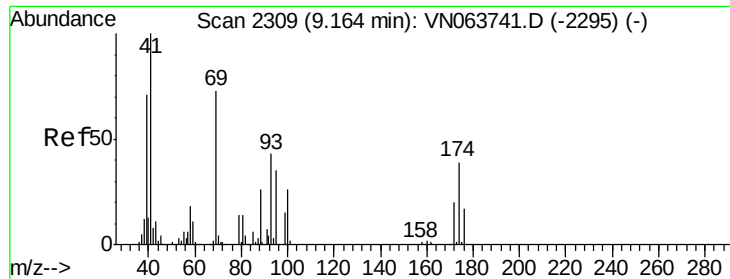


Abundance Ion 41.00 (40.70 to 41.70): VN063742.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063742.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063742.D (-2217) (-)

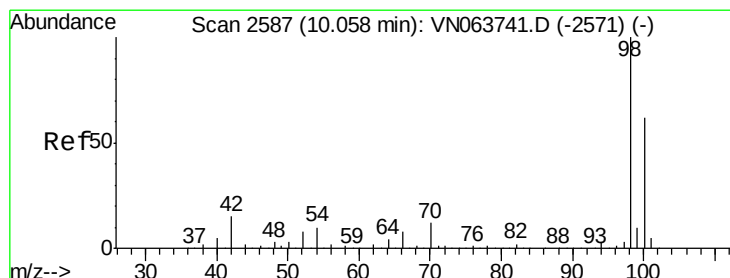
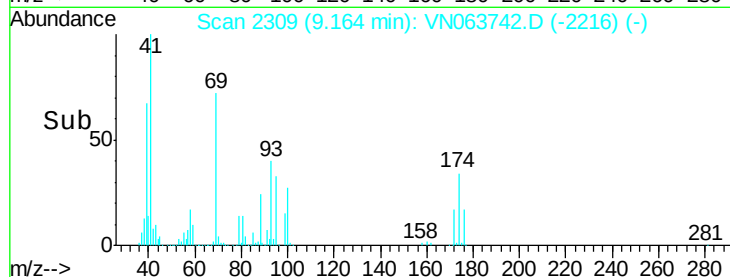
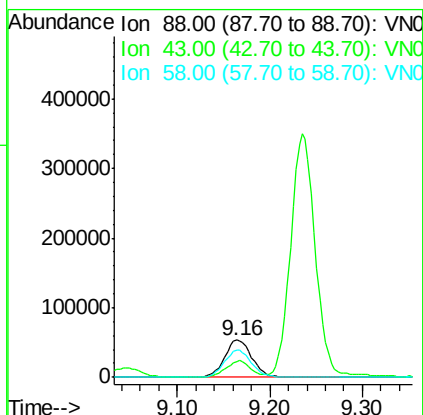
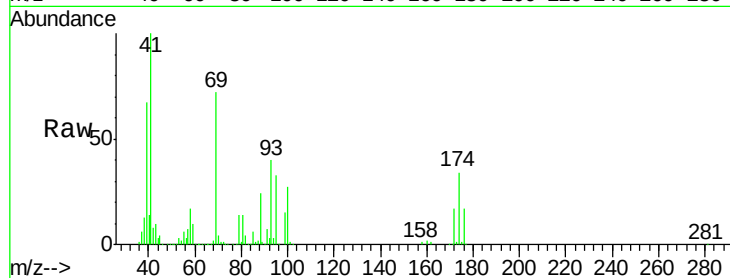




#49
1,4-Dioxane
Concen: 1807.977 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

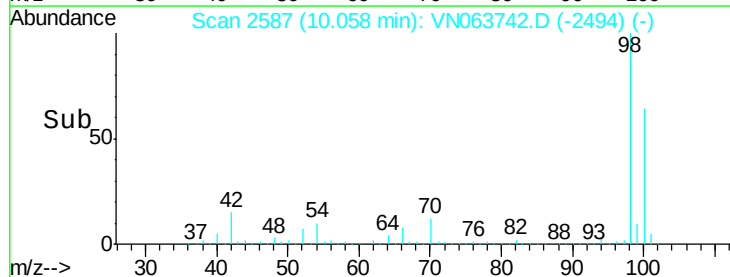
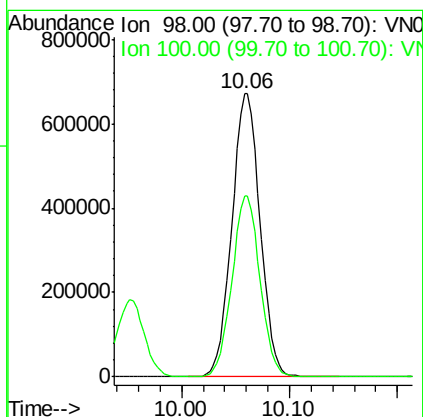
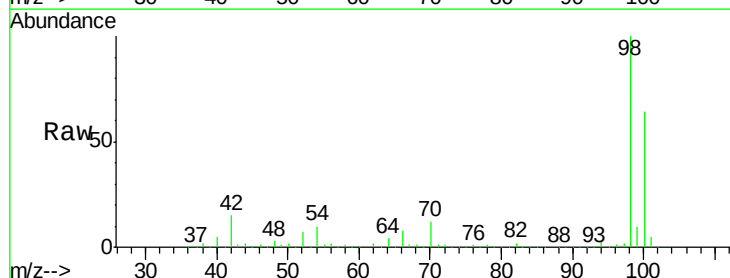
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

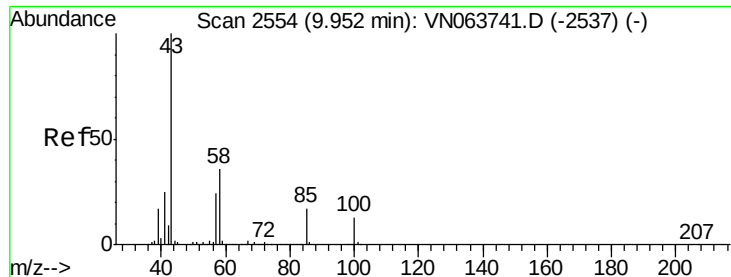
Tgt Ion: 88 Resp: 109528
Ion Ratio Lower Upper
88 100
43 39.8 33.1 49.7
58 71.7 58.9 88.3



#50
Toluene-d8
Concen: 100.191 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Tgt Ion: 98 Resp: 1226102
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 504.539 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

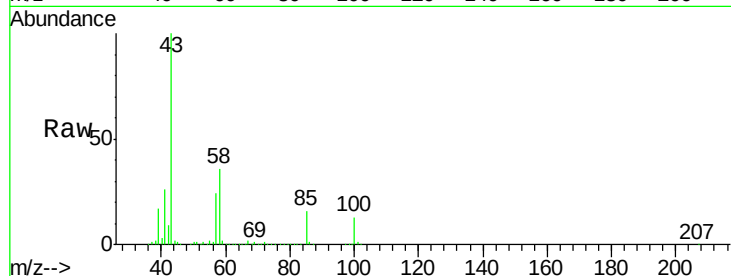
VSTDIC100

Tgt Ion: 43 Resp: 2466676

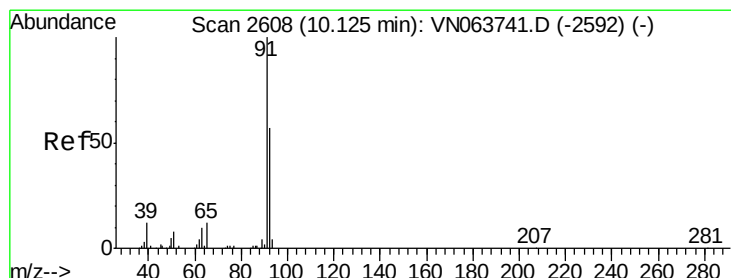
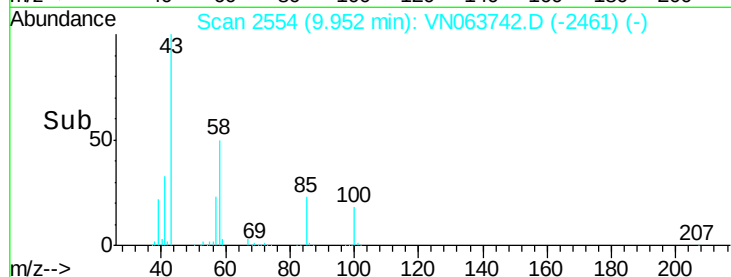
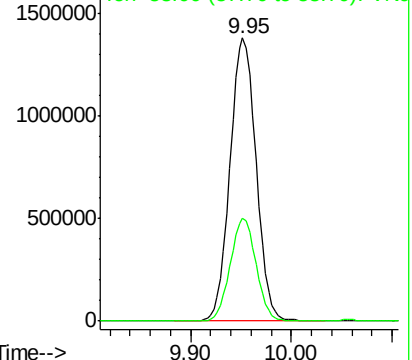
Ion Ratio Lower Upper

43 100

58 36.0 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)



#52

Toluene

Concen: 102.654 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063742.D

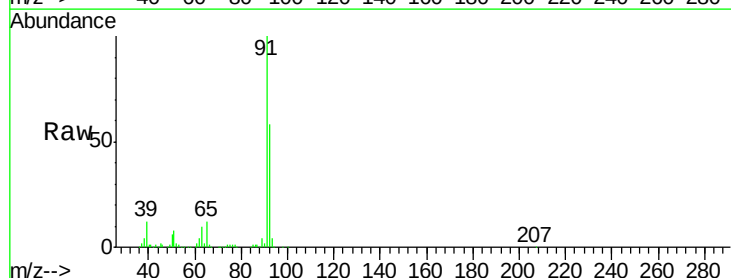
Acq: 30 Sep 2020 11:36

Tgt Ion: 92 Resp: 875131

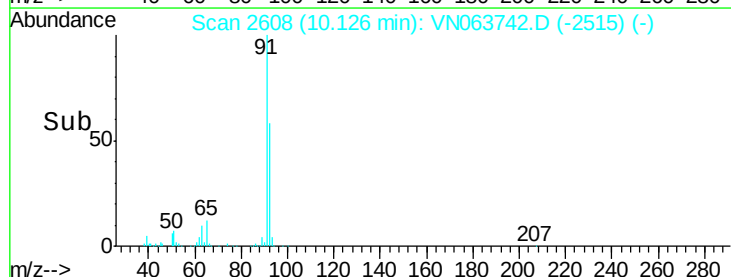
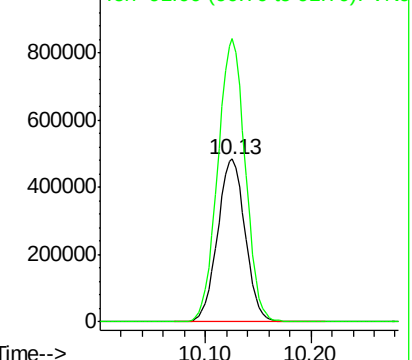
Ion Ratio Lower Upper

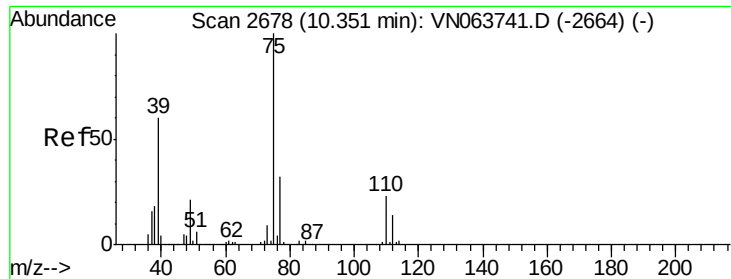
92 100

91 174.0 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 103.104 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

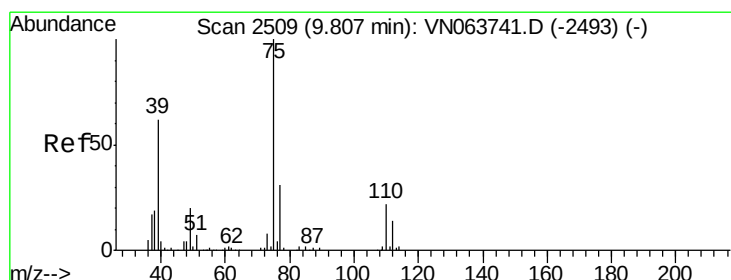
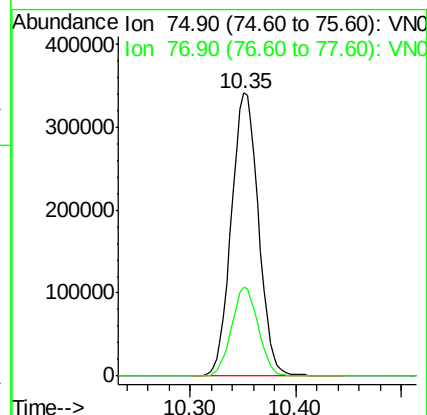
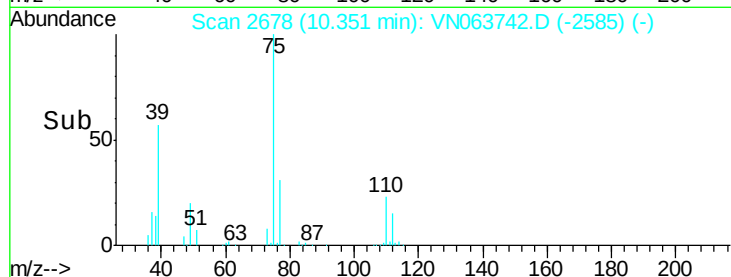
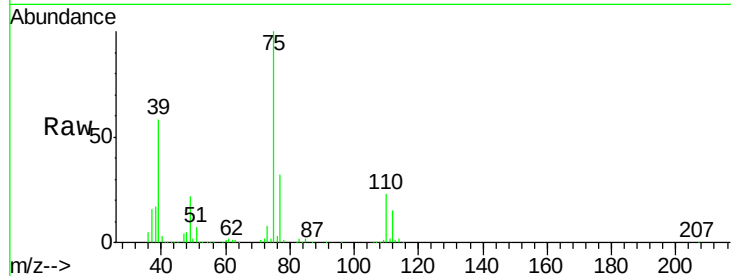
VSTDIC100

Tgt Ion: 75 Resp: 606234

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 99.577 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

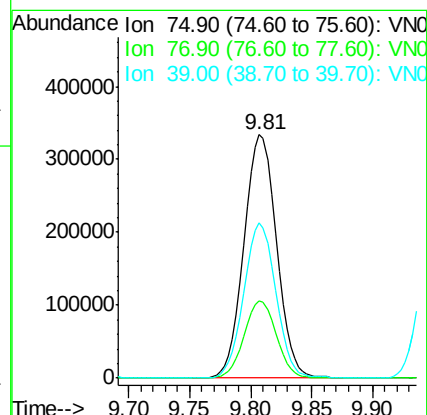
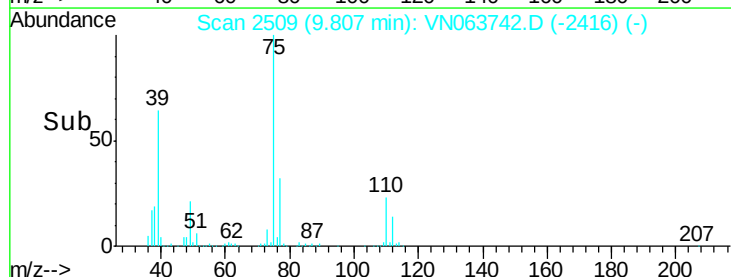
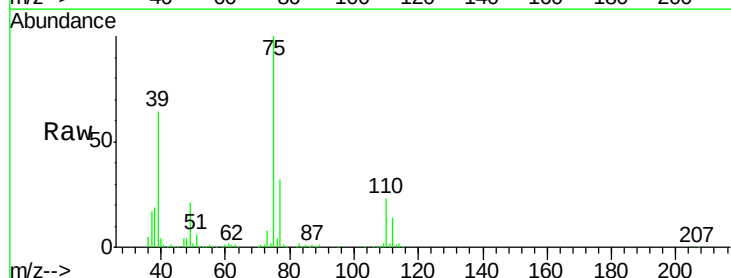
Tgt Ion: 75 Resp: 615489

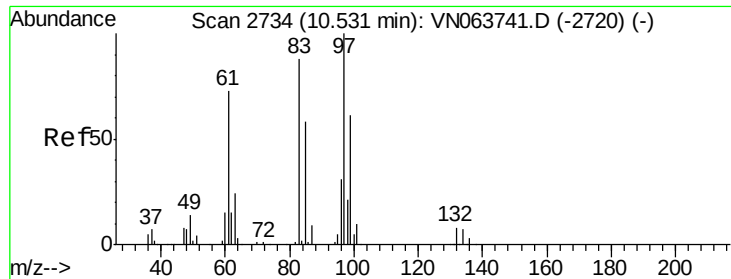
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 63.6 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 100.187 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tgt Ion: 97 Resp: 341020

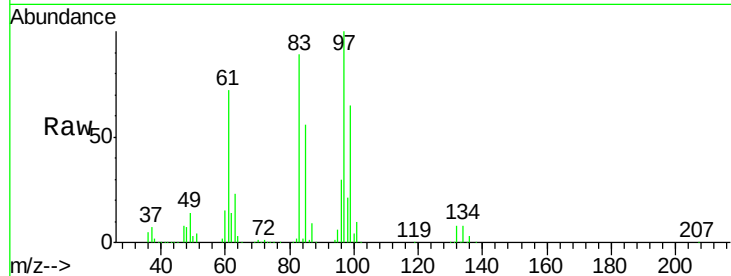
Ion Ratio Lower Upper

97 100

83 89.2 70.7 106.1

85 56.1 46.1 69.1

99 64.5 48.8 73.2

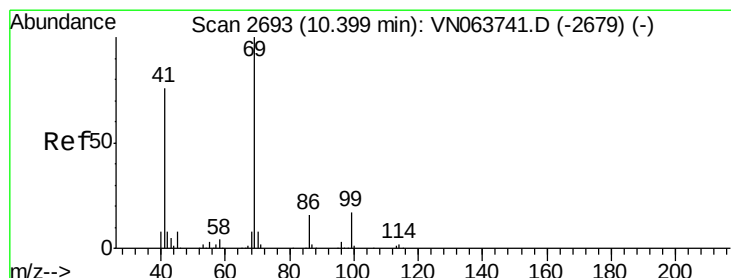
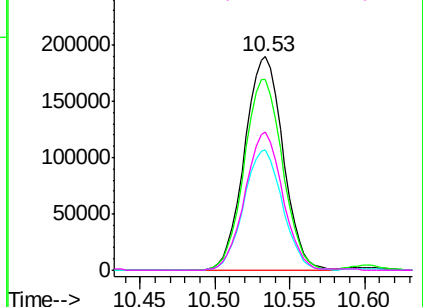
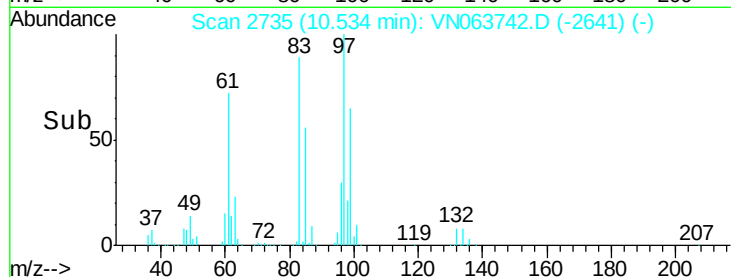


Abundance Ion 96.90 (96.60 to 97.60): VN063741.D (-2720) (-)

Ion 82.90 (82.60 to 83.60): VN063741.D (-2720) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-2720) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-2720) (-)



#56

Ethyl methacrylate

Concen: 103.507 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

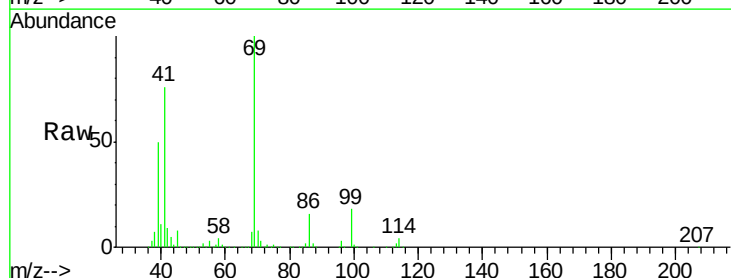
Tgt Ion: 69 Resp: 544209

Ion Ratio Lower Upper

69 100

41 75.9 61.1 91.7

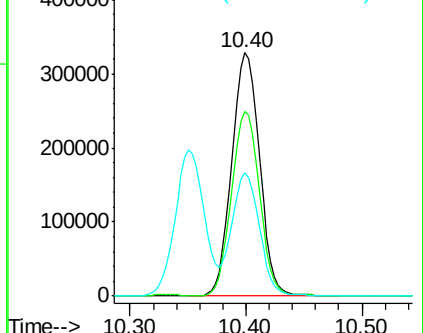
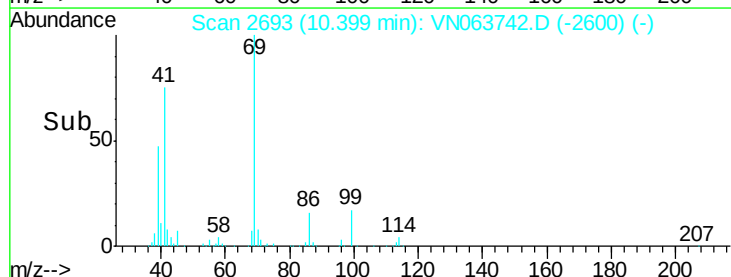
39 50.2 42.2 63.4

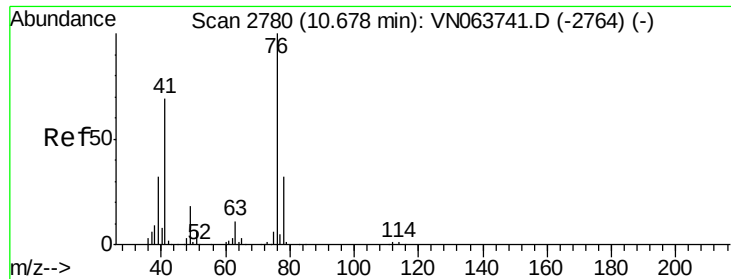


Abundance Ion 69.00 (68.70 to 69.70): VN063741.D (-2679) (-)

Ion 41.00 (40.70 to 41.70): VN063741.D (-2679) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-2679) (-)





#57

1,3-Dichloropropane

Concen: 97.452 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

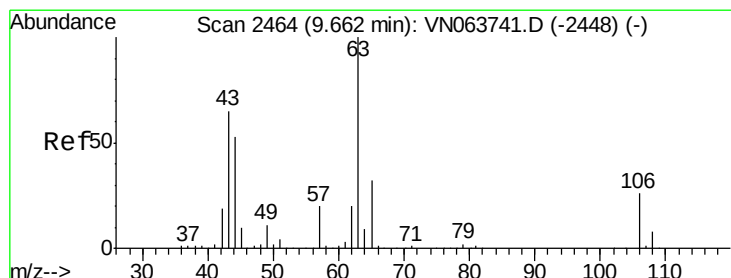
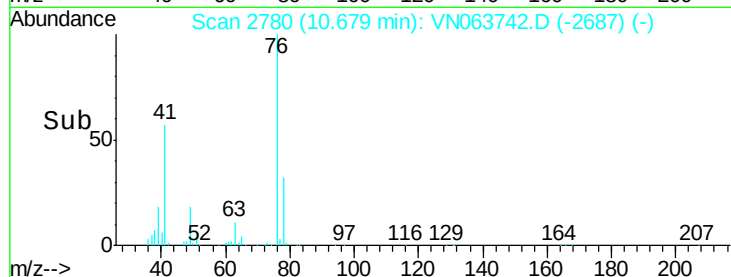
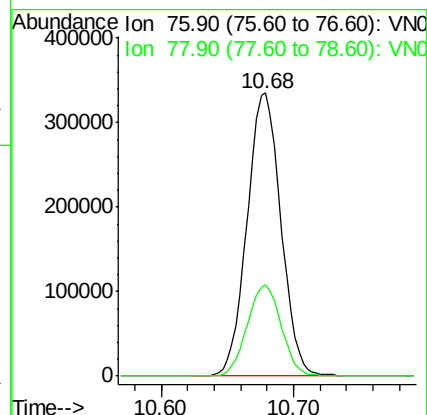
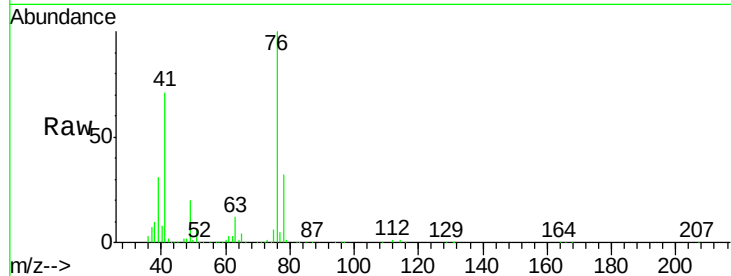
VSTDIC100

Tgt Ion: 76 Resp: 594641

Ion Ratio Lower Upper

76 100

78 32.5 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 499.098 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063742.D

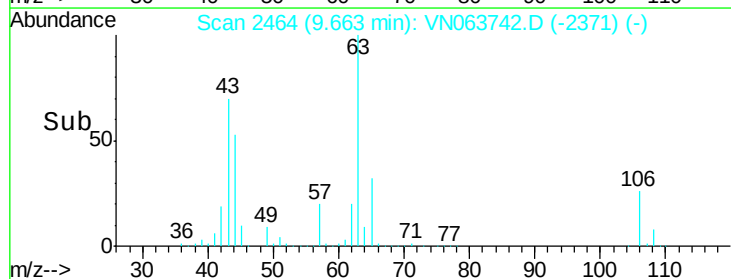
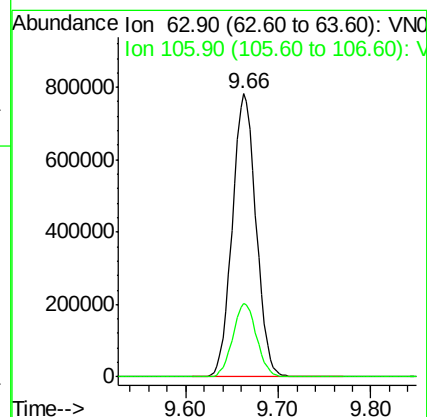
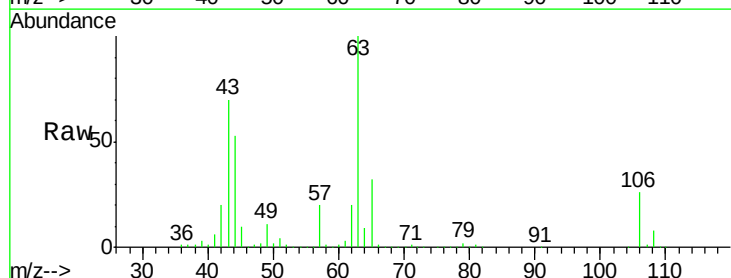
Acq: 30 Sep 2020 11:36

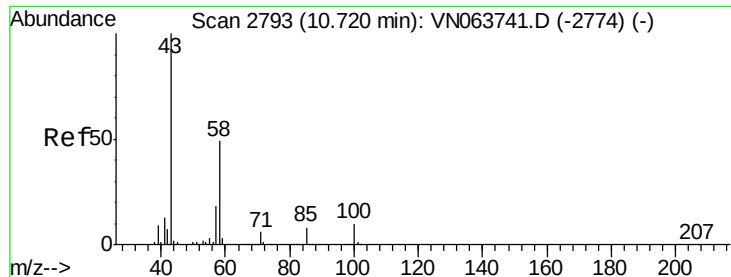
Tgt Ion: 63 Resp: 1389179

Ion Ratio Lower Upper

63 100

106 26.1 20.7 31.1

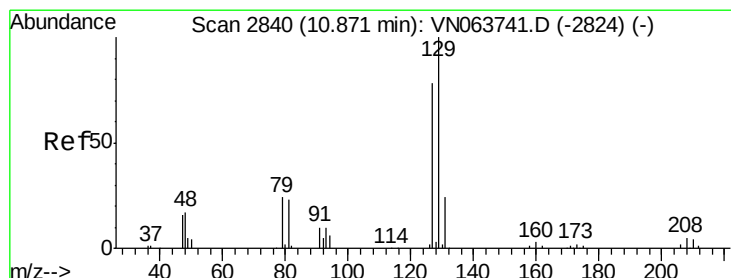
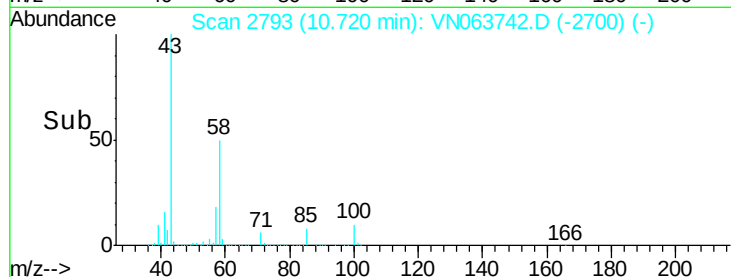
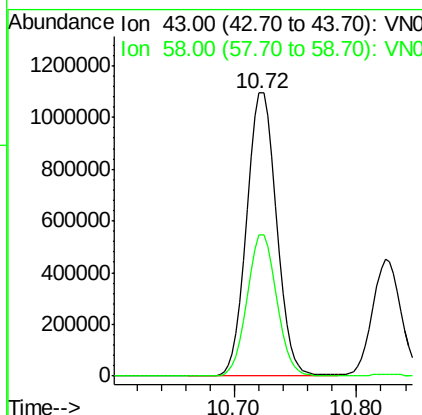
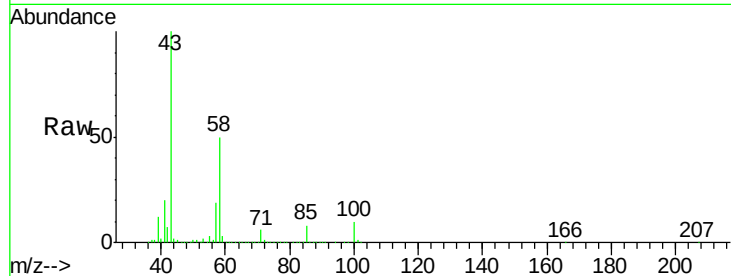




#59
2-Hexanone
Concen: 519.946 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

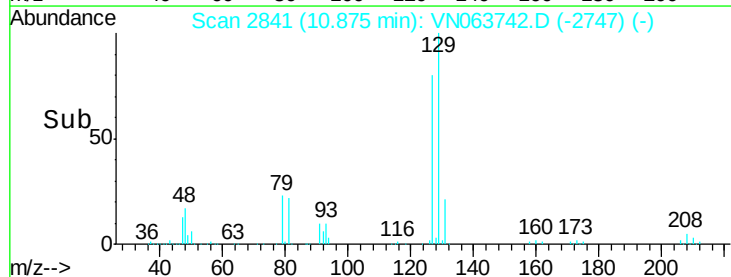
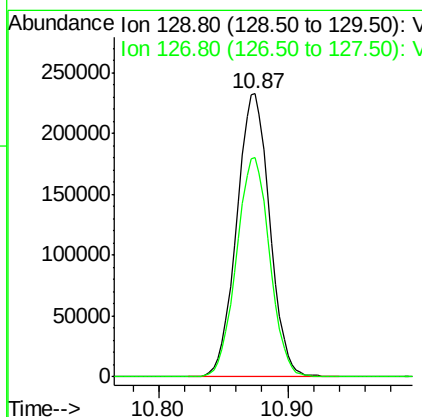
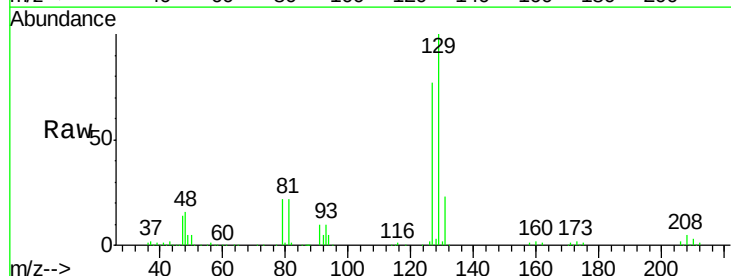
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

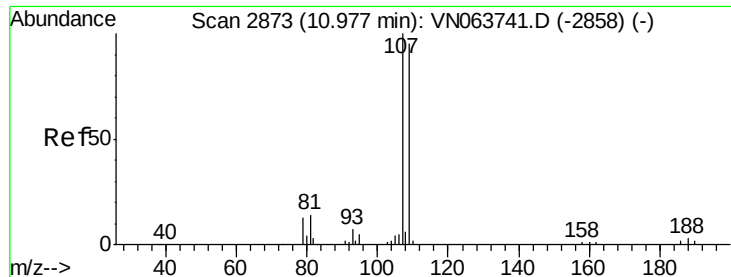
Tgt Ion: 43 Resp: 1842484
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.8



#60
Dibromochloromethane
Concen: 107.926 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Tgt Ion: 129 Resp: 415547
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 105.768 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

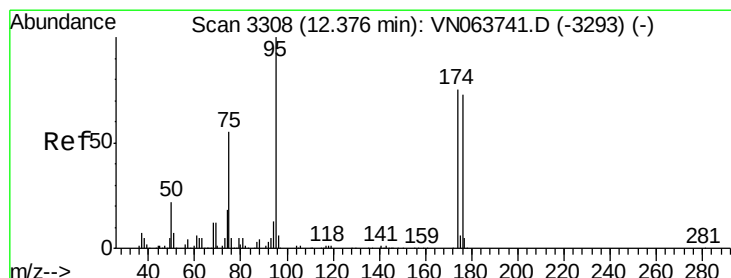
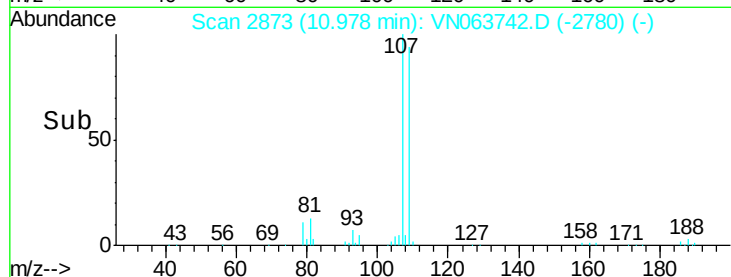
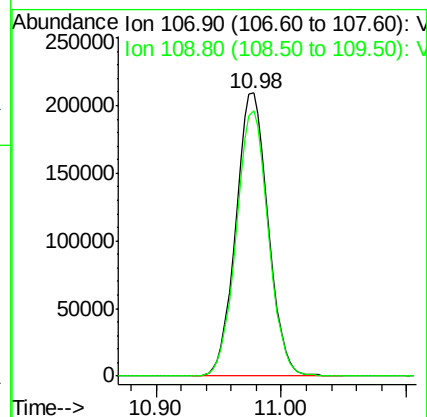
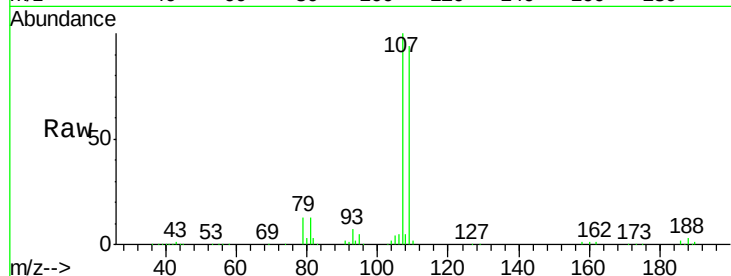
VSTDIC100

Tgt Ion: 107 Resp: 373610

Ion Ratio Lower Upper

107 100

109 93.5 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 104.228 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

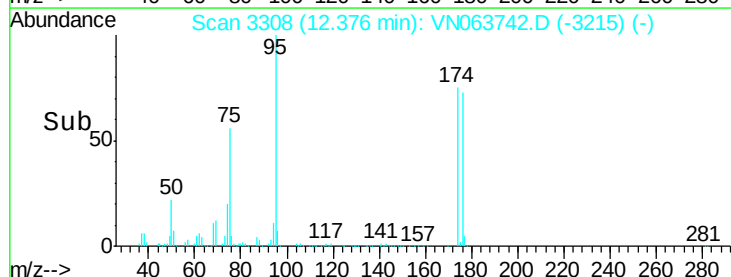
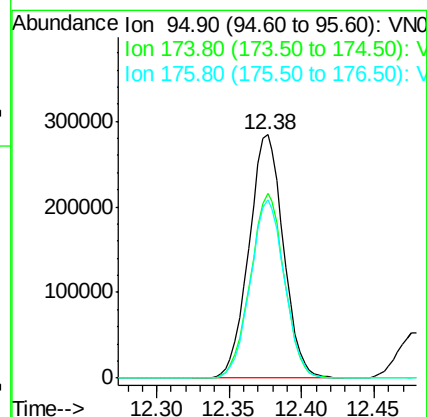
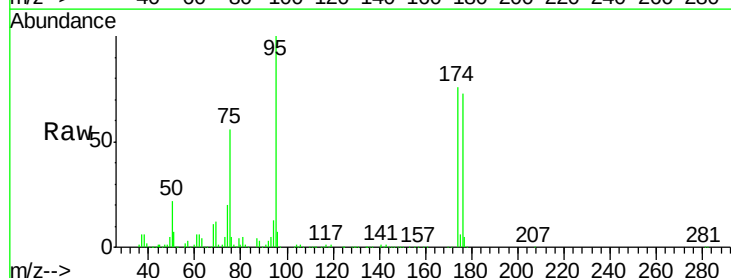
Tgt Ion: 95 Resp: 470616

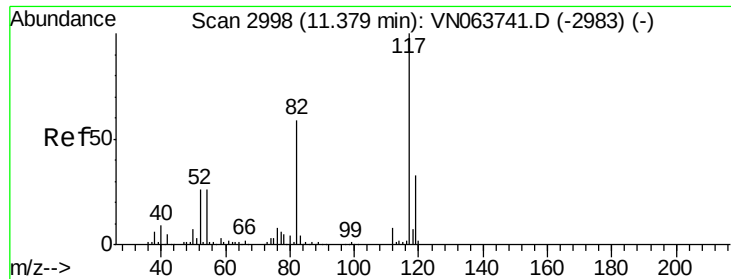
Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.6

176 72.5 0.0 145.4

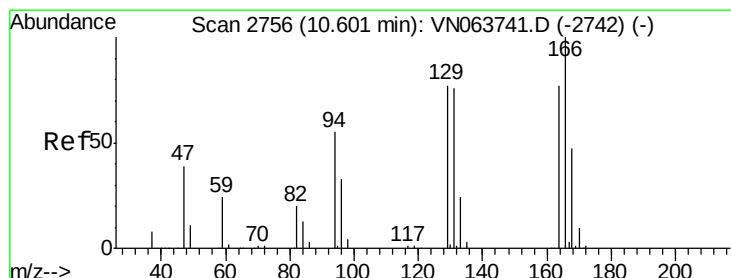
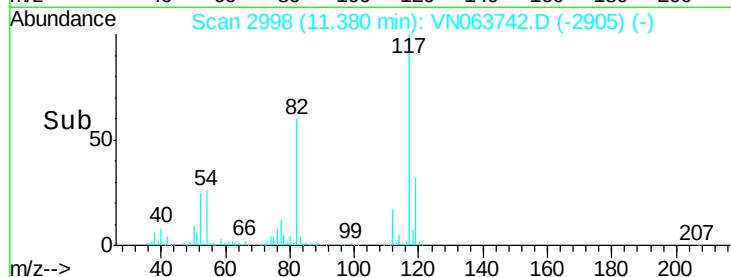
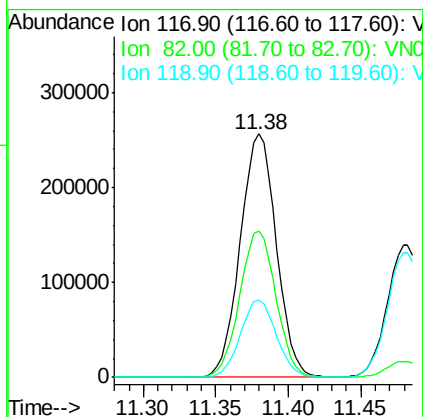
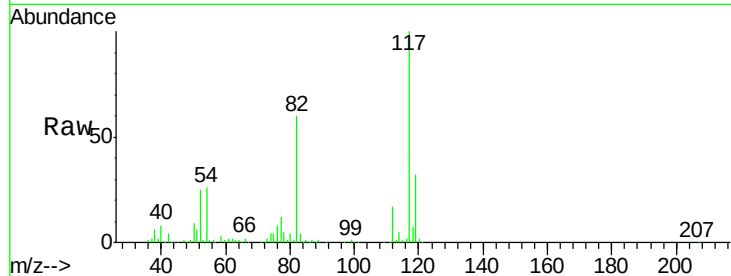




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

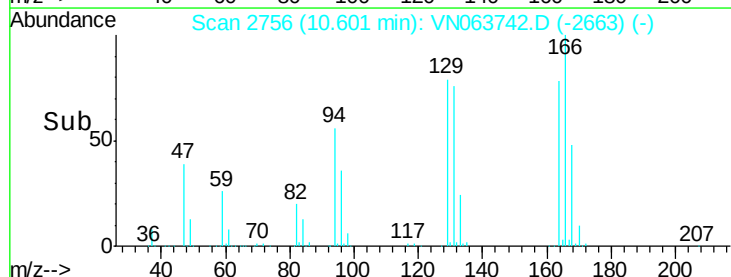
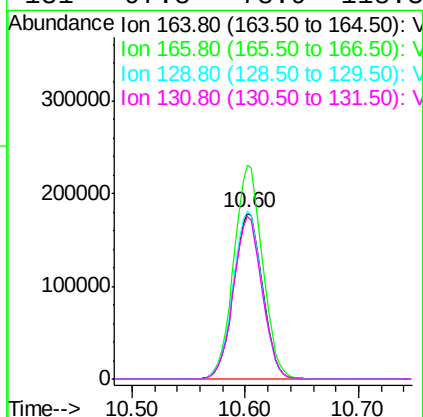
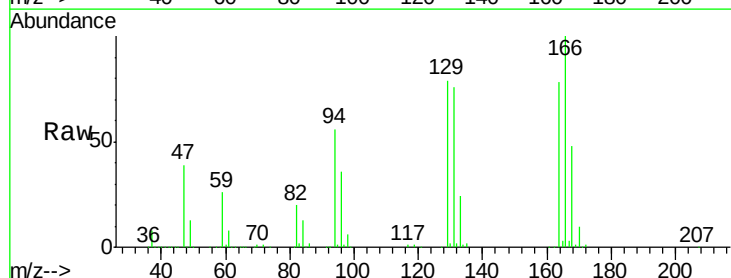
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

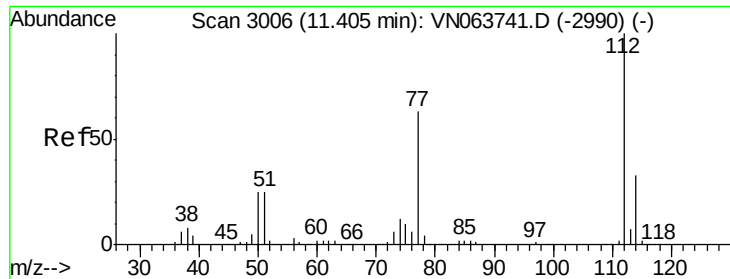
Tgt Ion:117 Resp: 444791
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 31.9 26.4 39.6



#64
Tetrachloroethene
Concen: 104.422 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Tgt Ion:164 Resp: 318742
Ion Ratio Lower Upper
164 100
166 128.9 103.9 155.9
129 101.3 80.3 120.5
131 97.8 78.9 118.3

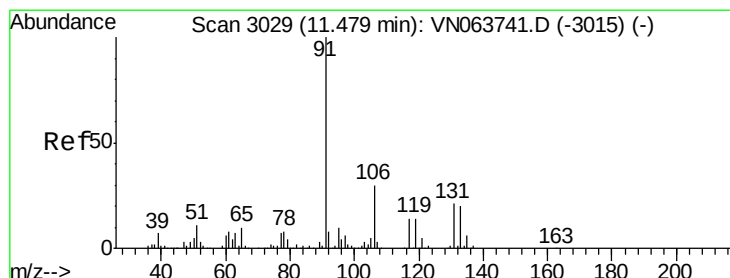
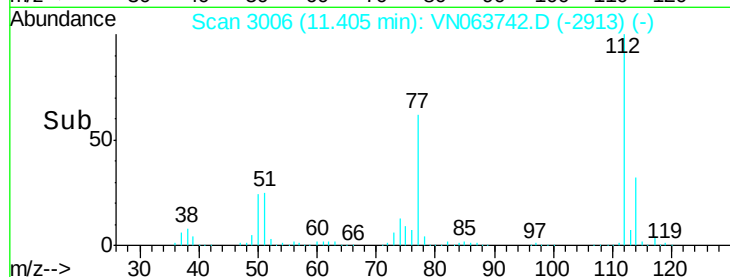
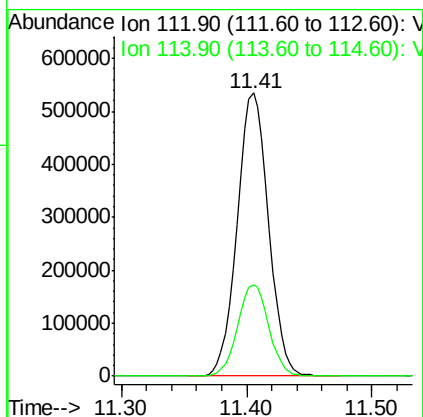
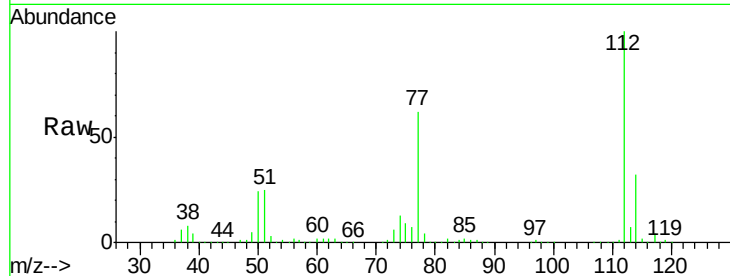




#65
Chlorobenzene
Concen: 99.237 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

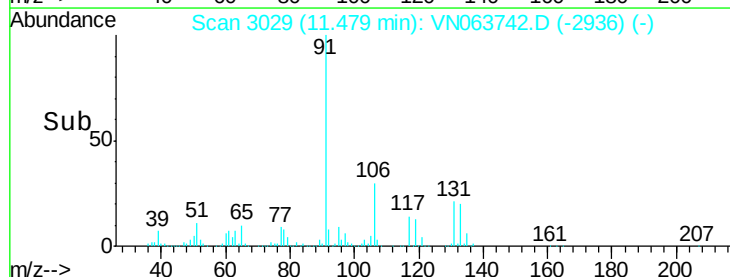
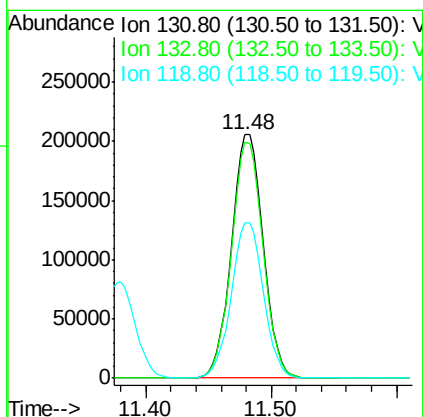
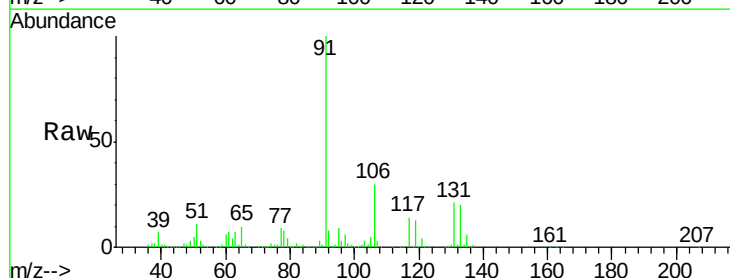
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

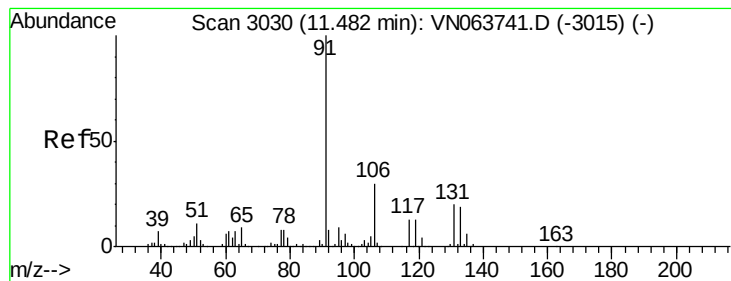
Tgt Ion:112 Resp: 924123
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 104.976 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Tgt Ion:131 Resp: 361376
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.8
119 64.4 32.6 97.7





#67

Ethyl Benzene

Concen: 99.974 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

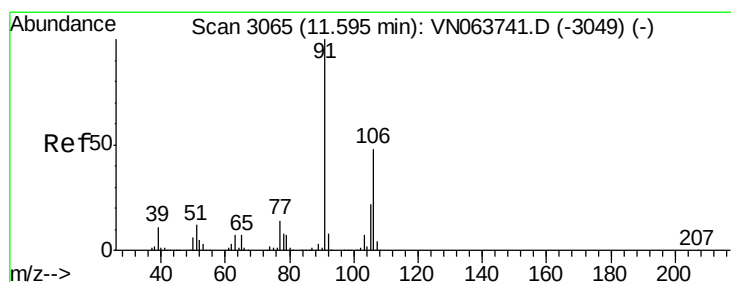
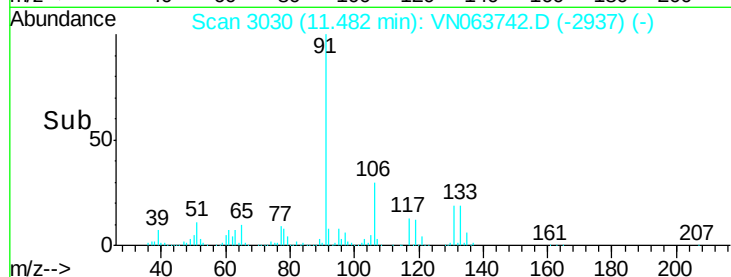
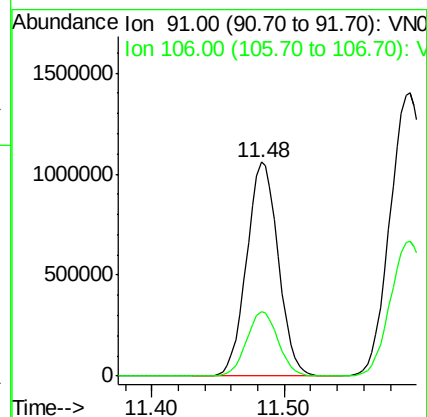
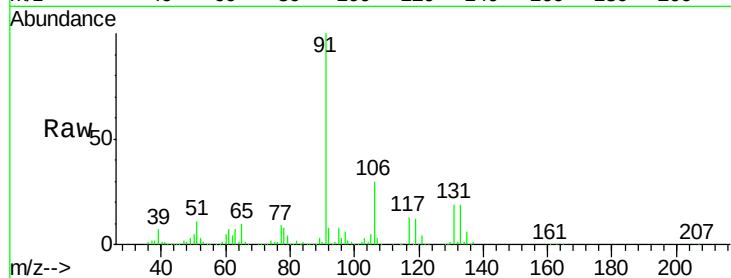
VSTDIC100

Tgt Ion: 91 Resp: 1753444

Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.2



#68

m/p-Xylenes

Concen: 204.138 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063742.D

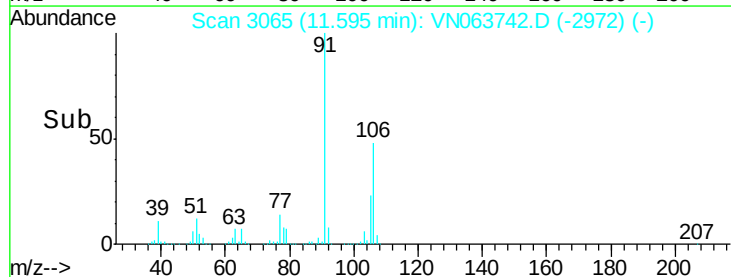
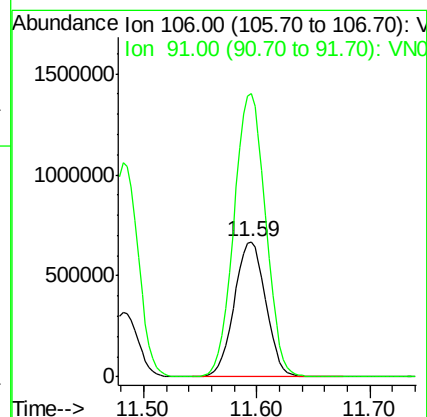
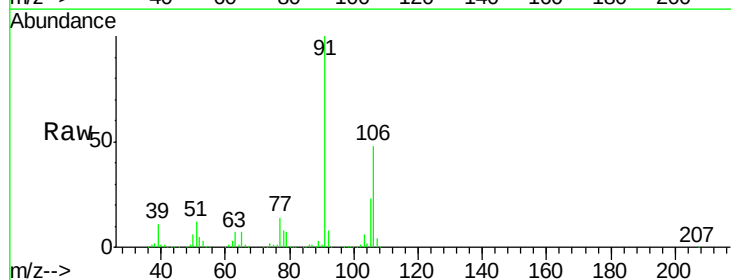
Acq: 30 Sep 2020 11:36

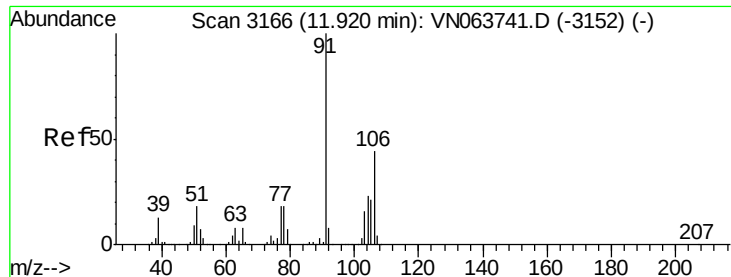
Tgt Ion: 106 Resp: 1294326

Ion Ratio Lower Upper

106 100

91 211.0 168.0 252.0

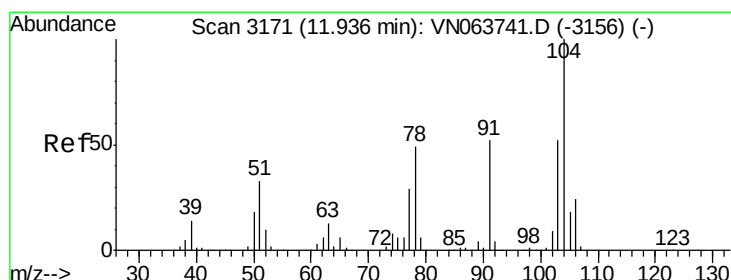
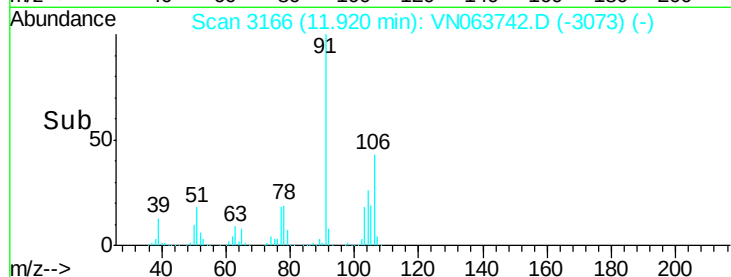
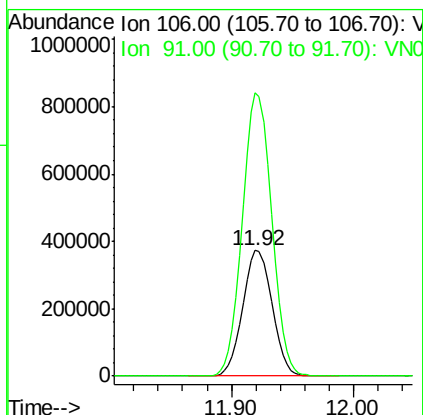
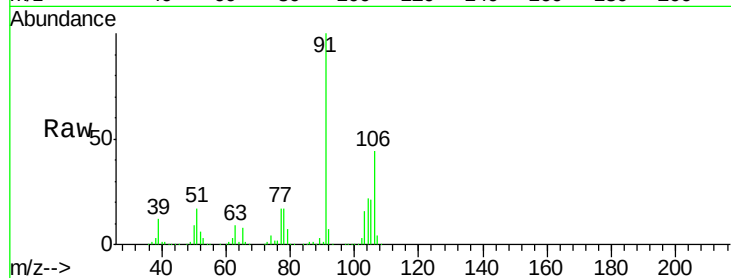




#69
o-Xylene
Concen: 102.574 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

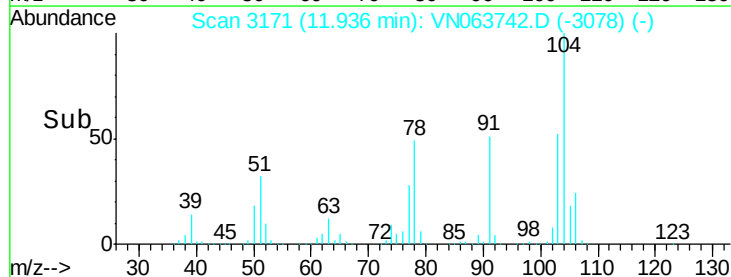
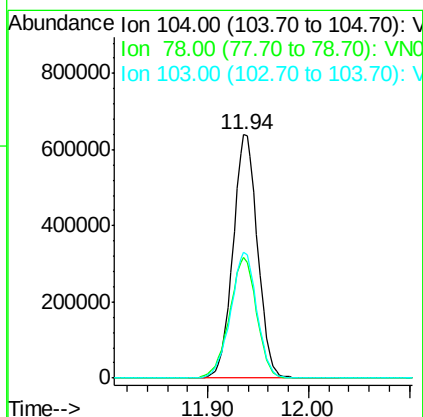
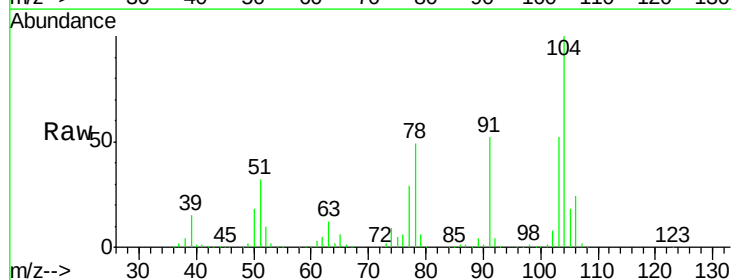
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

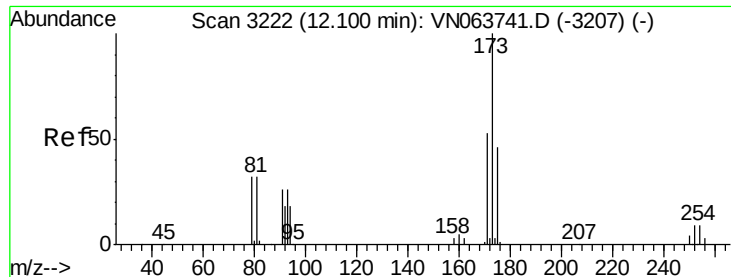
Tgt Ion:106 Resp: 617644
Ion Ratio Lower Upper
106 100
91 224.8 112.7 338.0



#70
Styrene
Concen: 107.425 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Tgt Ion:104 Resp: 1085053
Ion Ratio Lower Upper
104 100
78 54.6 44.1 66.1
103 55.1 44.3 66.5





#71

Bromoform

Concen: 112.821 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

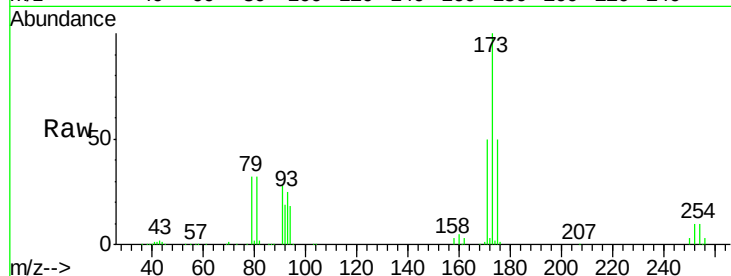
Tgt Ion:173 Resp: 290232

Ion Ratio Lower Upper

173 100

175 49.4 23.5 70.5

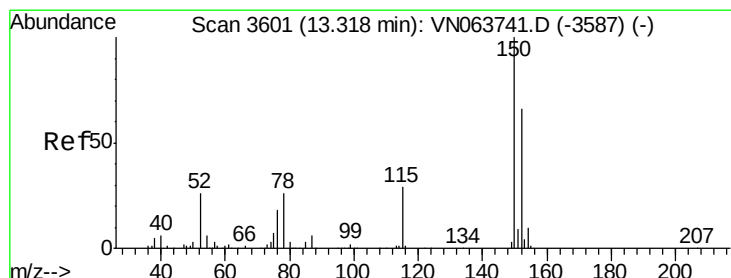
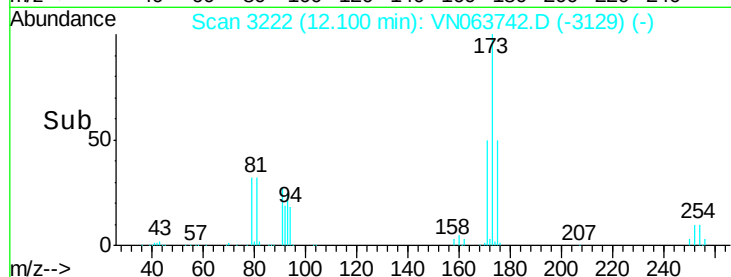
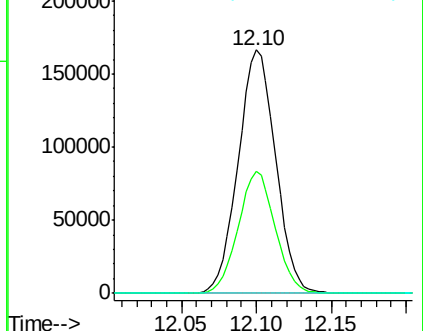
254 0.1 0.0 0.0#



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: VN063742.D

Acq: 30 Sep 2020 11:36

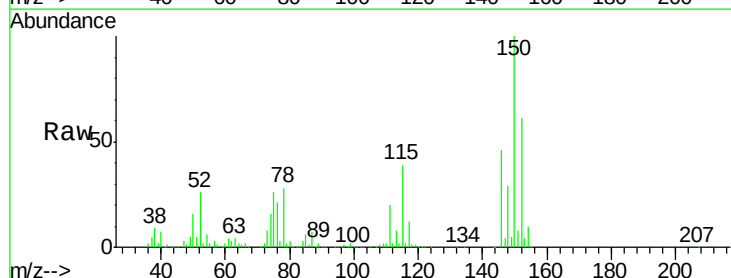
Tgt Ion:152 Resp: 229707

Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.8

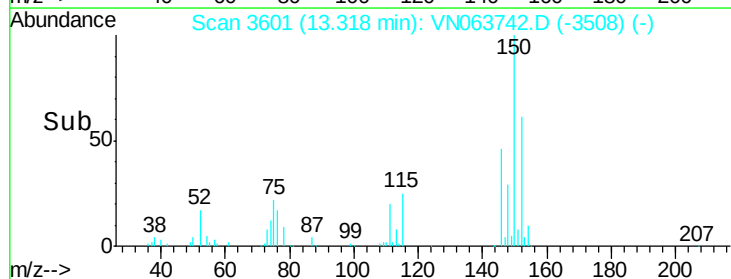
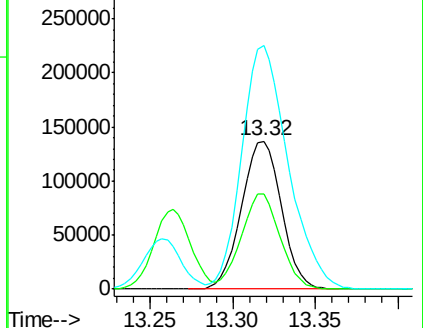
150 190.8 0.0 341.8

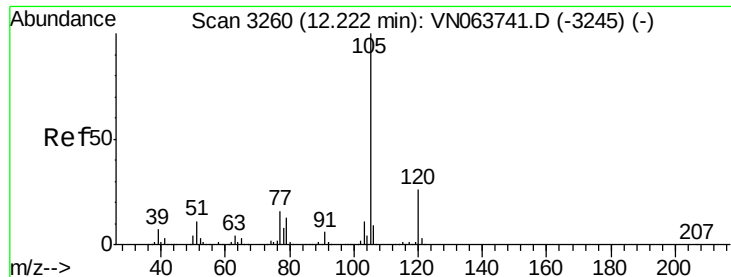


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 93.752 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

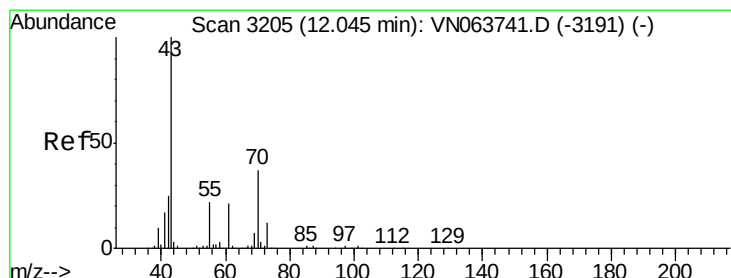
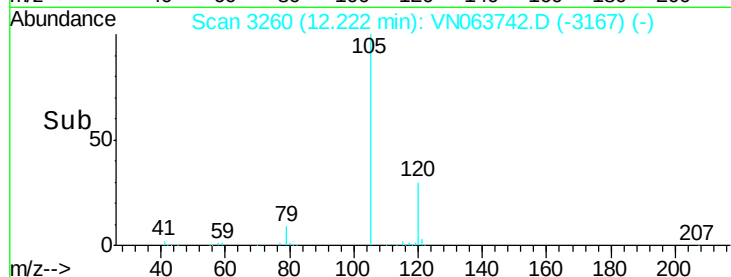
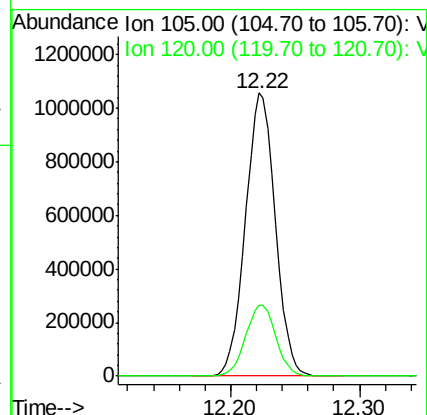
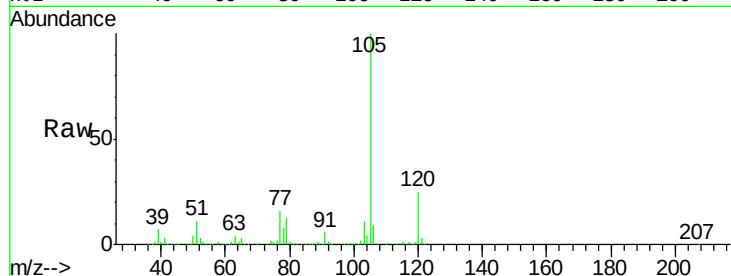
VSTDIC100

Tgt Ion:105 Resp: 1697942

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 93.193 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Tgt Ion: 43 Resp: 789923

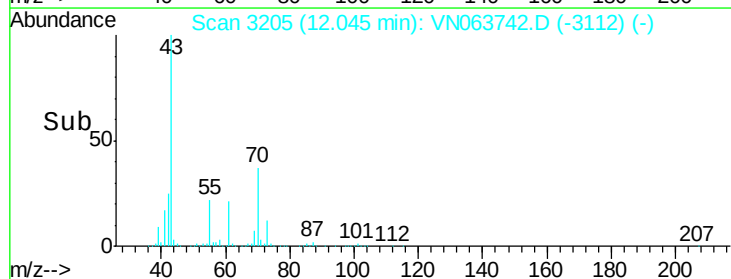
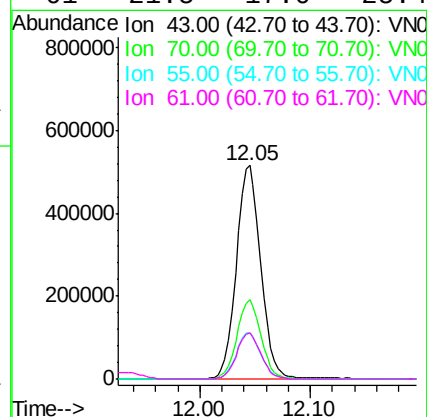
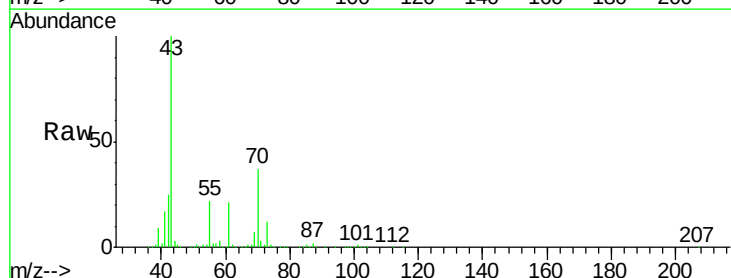
Ion Ratio Lower Upper

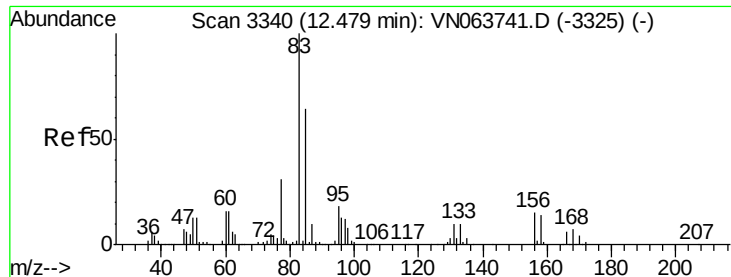
43 100

70 36.9 29.8 44.8

55 22.1 17.9 26.9

61 21.5 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 89.678 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

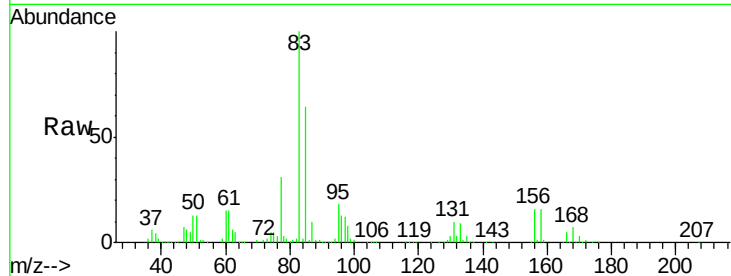
Tgt Ion: 83 Resp: 502831

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

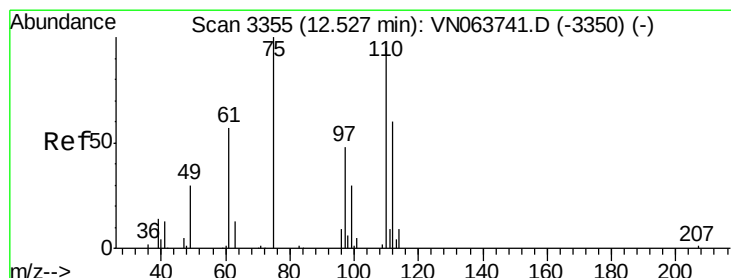
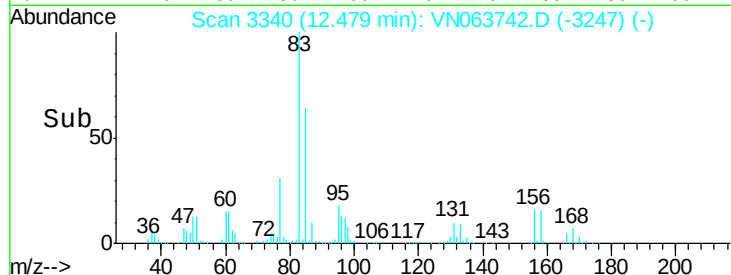
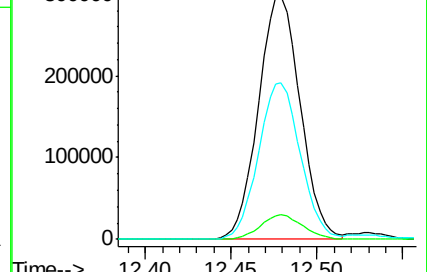
85 64.3 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063742.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063742.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063742.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 127.572 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063742.D

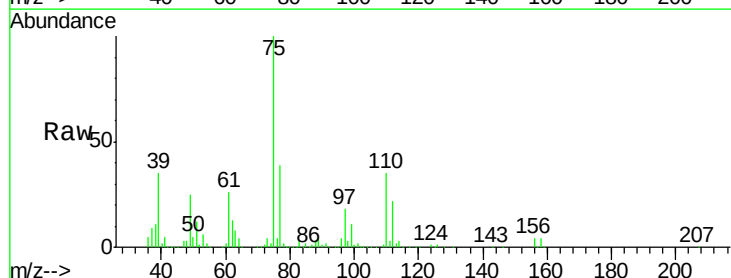
Acq: 30 Sep 2020 11:36

Tgt Ion: 75 Resp: 713189

Ion Ratio Lower Upper

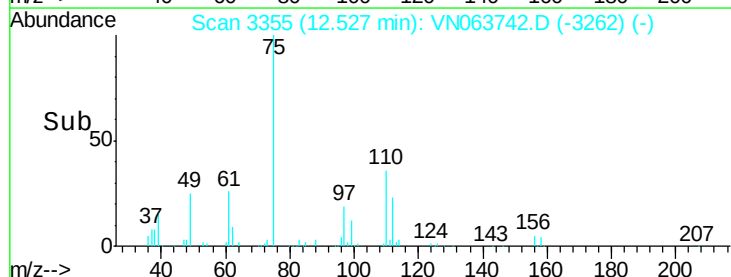
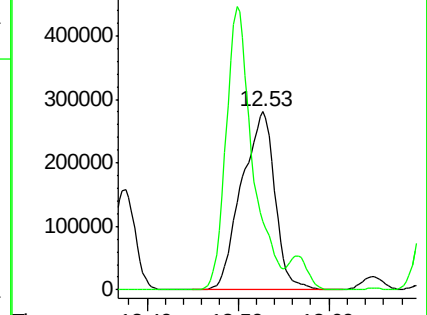
75 100

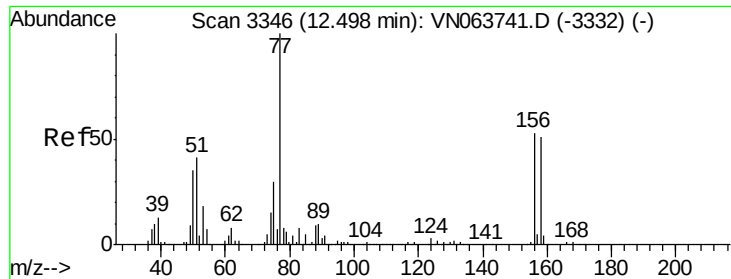
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063742.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063742.D (-3262) (-)





#77

Bromobenzene

Concen: 99.656 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

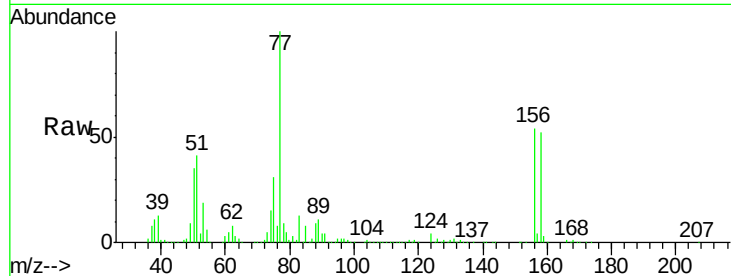
Tgt Ion:156 Resp: 410159

Ion Ratio Lower Upper

156 100

77 220.9 110.9 332.7

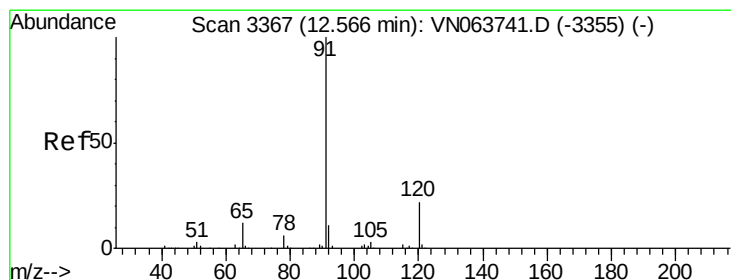
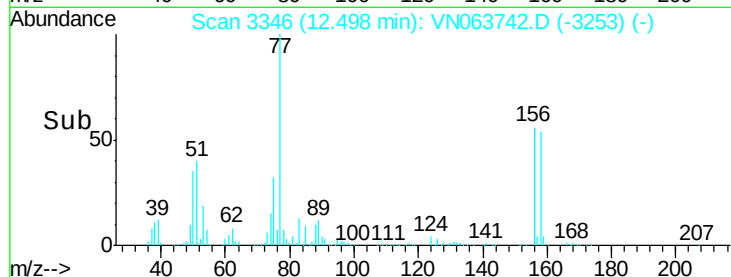
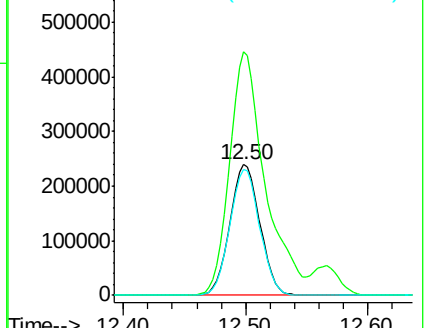
158 96.2 47.7 143.1



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: 95.074 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063742.D

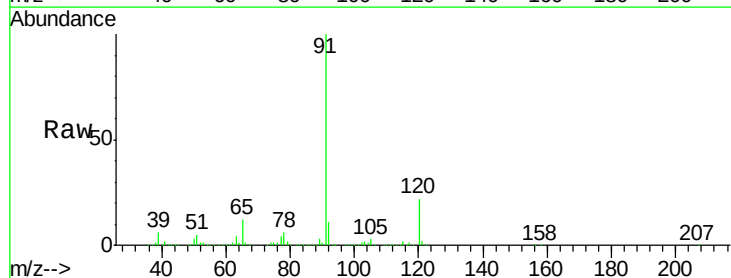
Acq: 30 Sep 2020 11:36

Tgt Ion: 91 Resp: 2001419

Ion Ratio Lower Upper

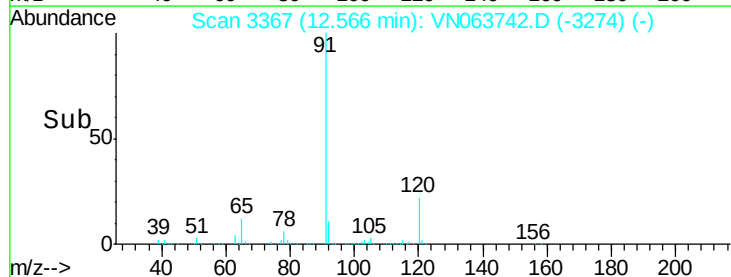
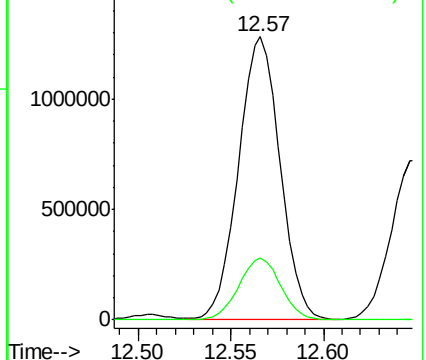
91 100

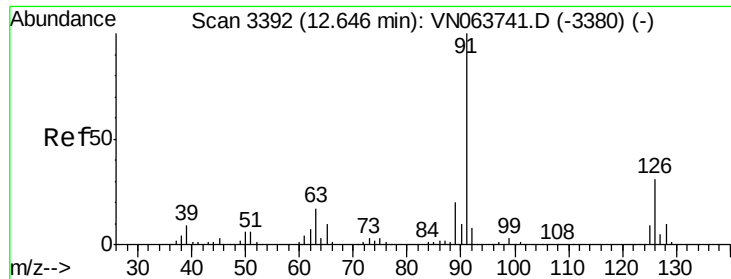
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

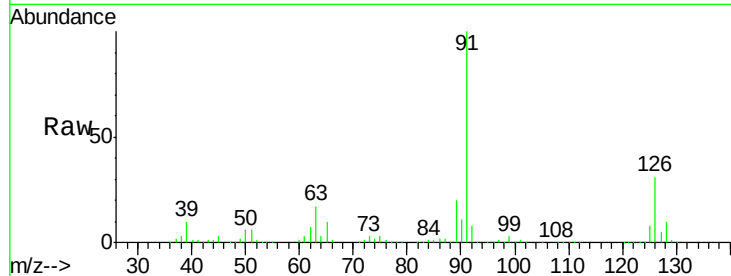




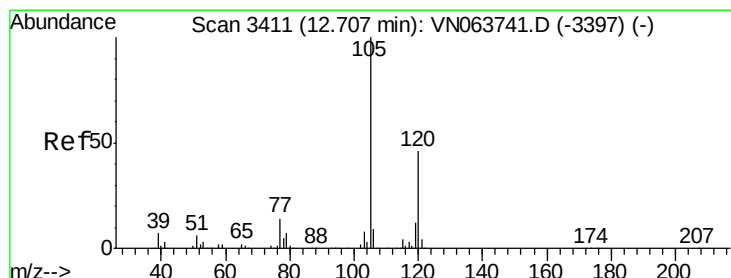
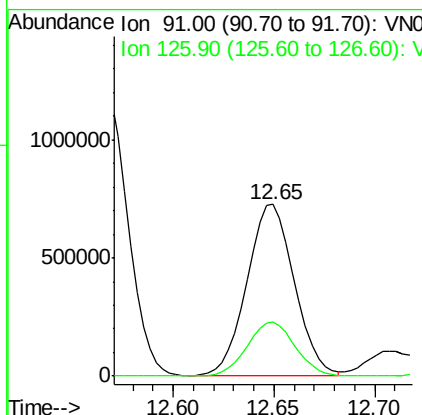
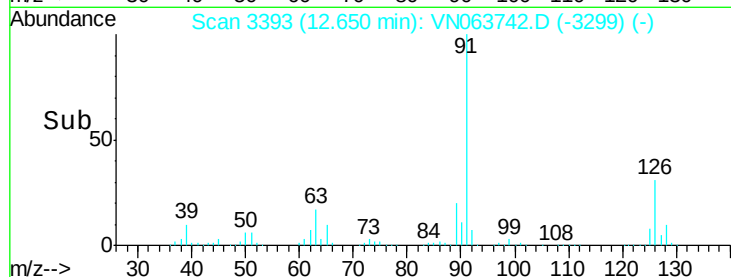
#79
 2-Chlorotoluene
 Concen: 94.759 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 91 Resp: 1198850
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.9 47.7

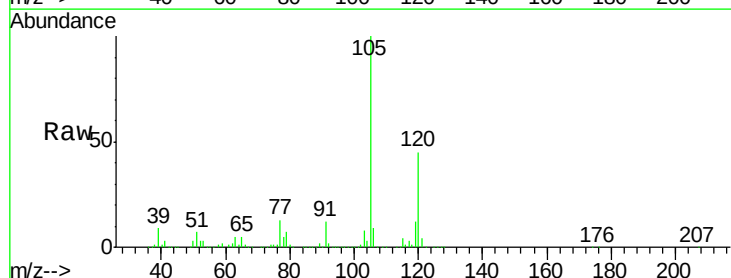


Abundance Ion 91.00 (90.70 to 91.70): VN063742.D (-3399) (-)
 Ion 125.90 (125.60 to 126.60): VN063742.D (-3399) (-)

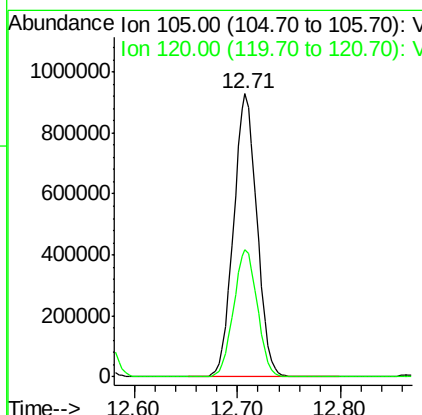
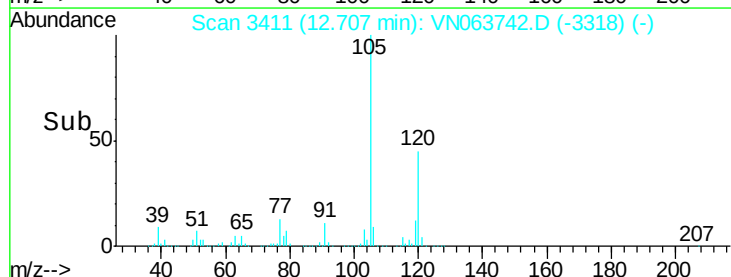


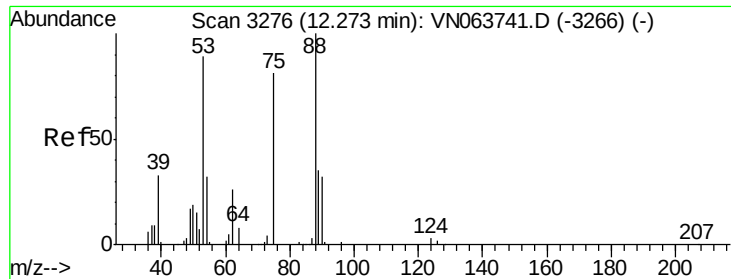
#80
 1,3,5-Trimethylbenzene
 Concen: 97.081 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion: 105 Resp: 1462415
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063742.D (-3318) (-)
 Ion 120.00 (119.70 to 120.70): VN063742.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 93.735 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

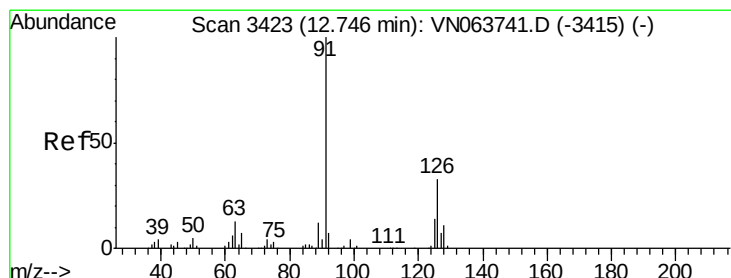
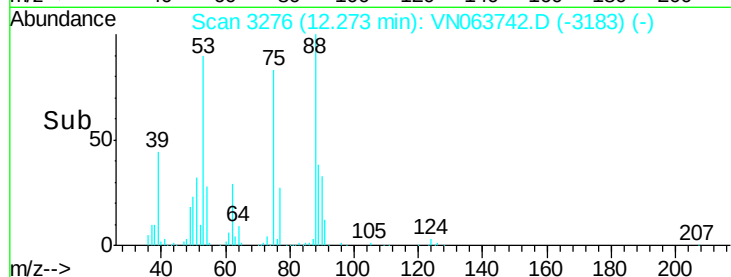
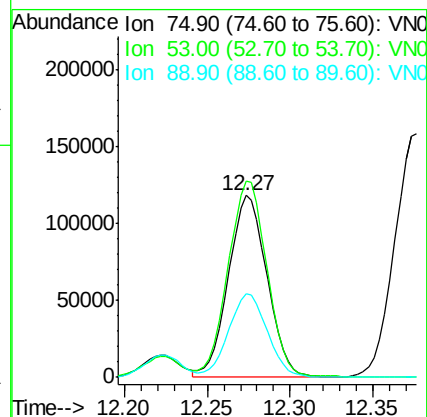
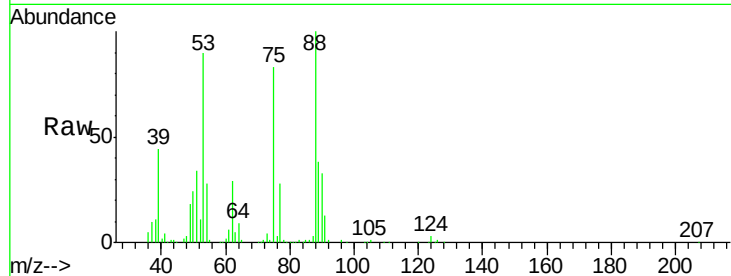
Tgt Ion: 75 Resp: 190076

Ion Ratio Lower Upper

75 100

53 109.8 88.2 132.2

89 46.8 36.0 54.0



#82

4-Chlorotoluene

Concen: 95.646 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063742.D

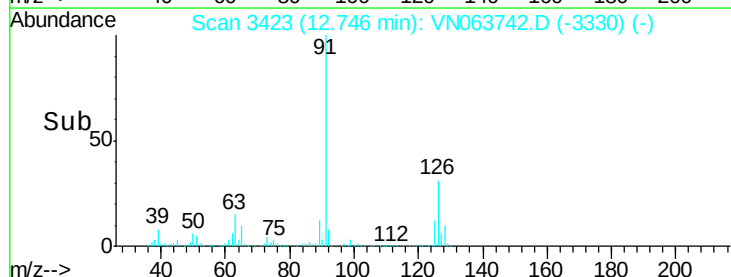
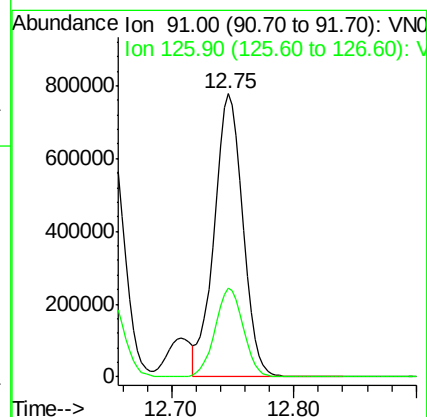
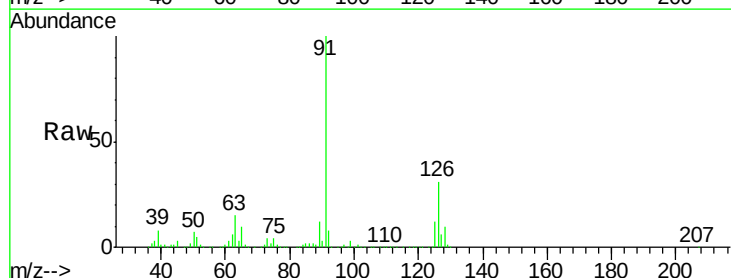
Acq: 30 Sep 2020 11:36

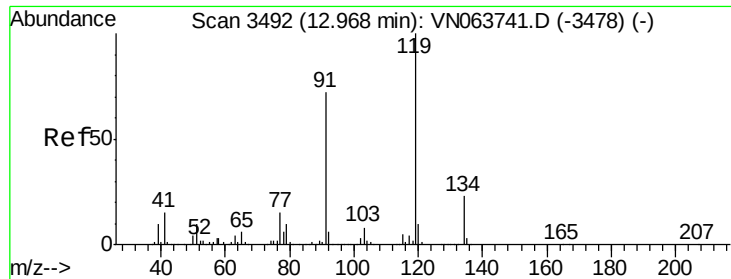
Tgt Ion: 91 Resp: 1279992

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2

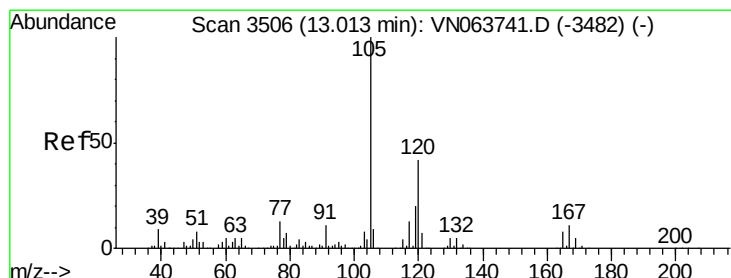
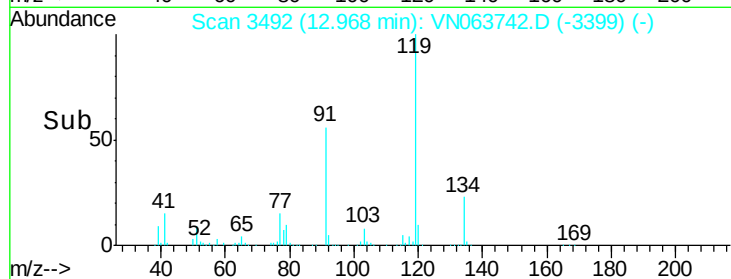
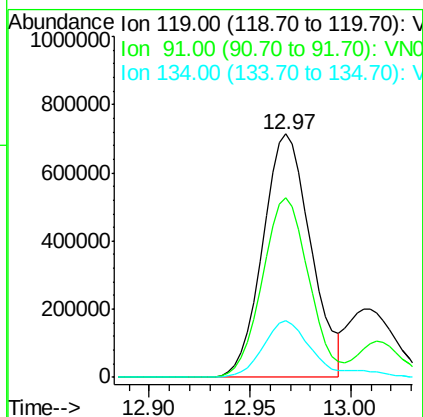
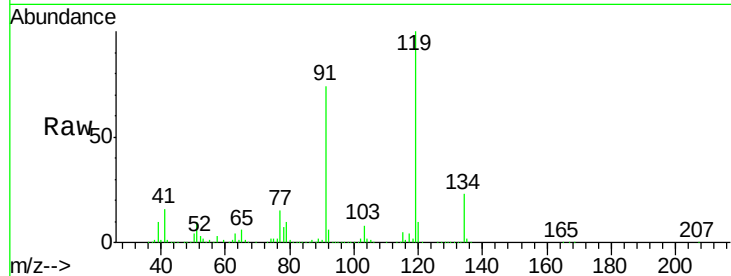




#83
 tert-Butylbenzene
 Concen: 95.039 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

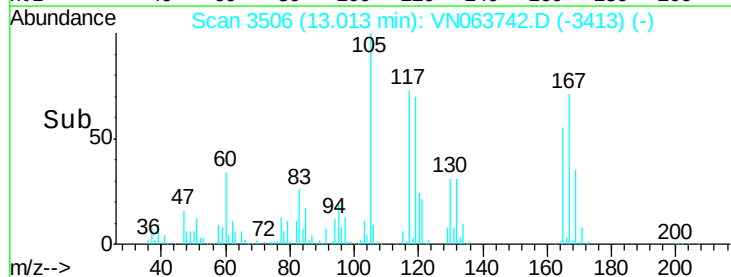
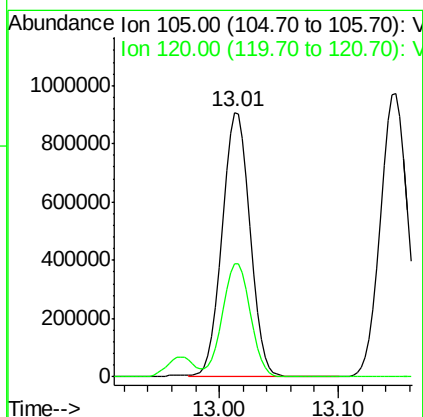
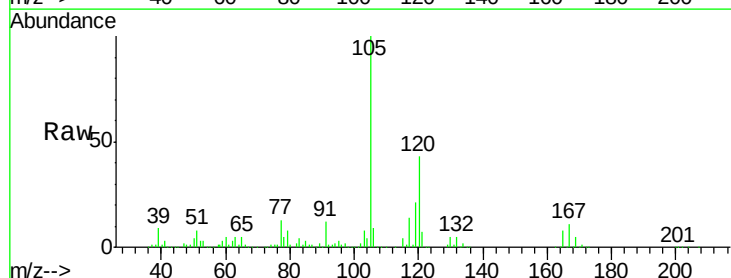
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

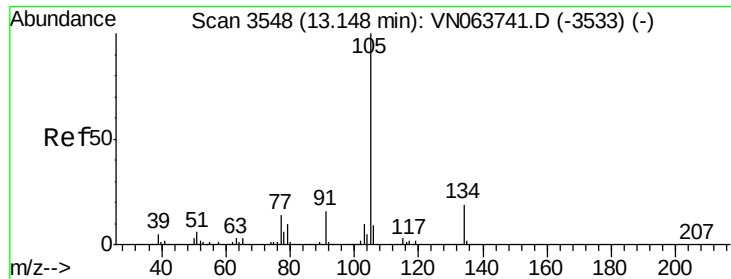
Tgt Ion:119 Resp: 1183533
 Ion Ratio Lower Upper
 119 100
 91 71.7 35.5 106.5
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 96.515 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion:105 Resp: 1471667
 Ion Ratio Lower Upper
 105 100
 120 43.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 93.705 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

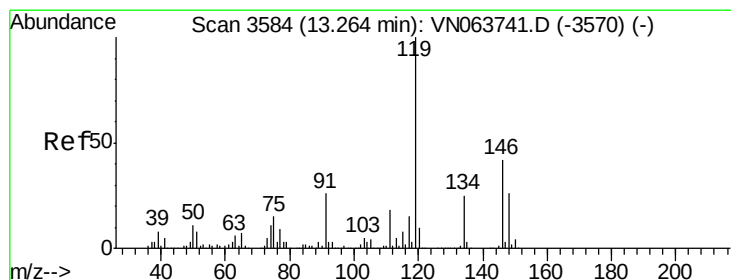
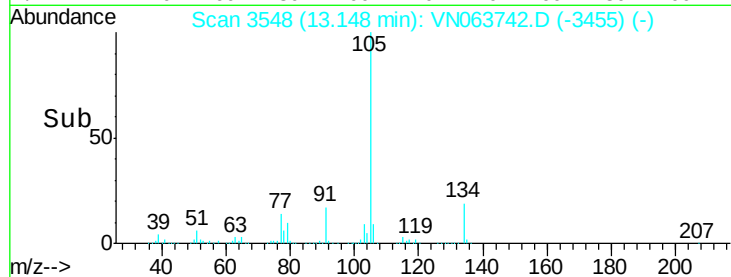
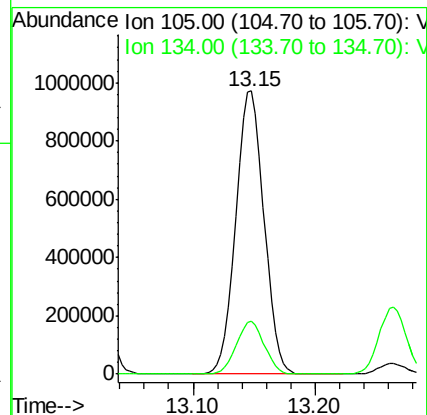
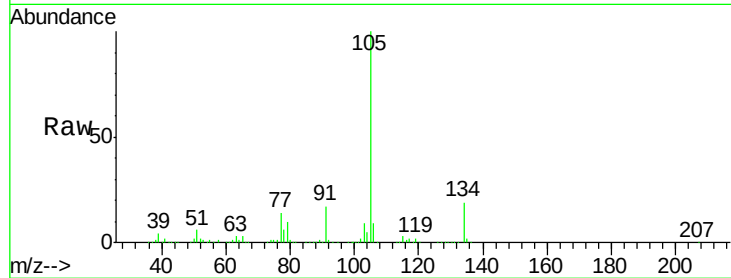
VSTDIC100

Tgt Ion:105 Resp: 1558498

Ion Ratio Lower Upper

105 100

134 18.5 9.5 28.5



#86

p-Isopropyltoluene

Concen: 96.792 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

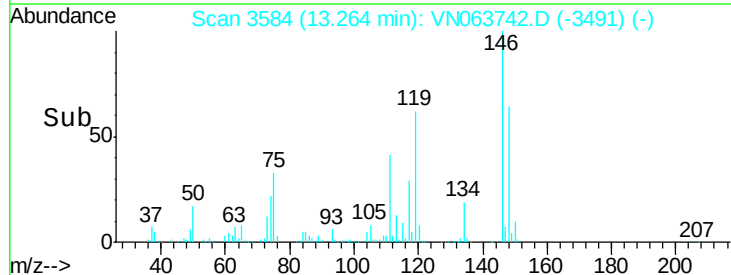
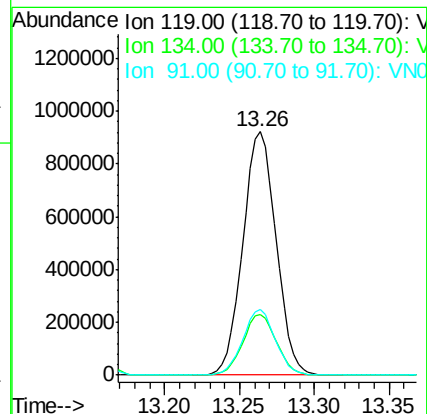
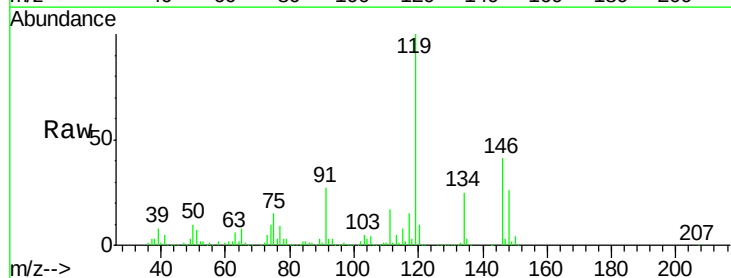
Tgt Ion:119 Resp: 1420909

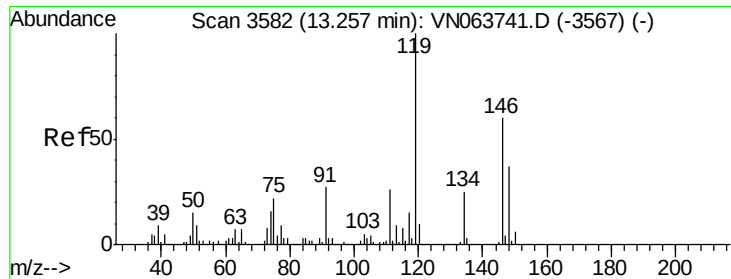
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 26.4 13.4 40.2

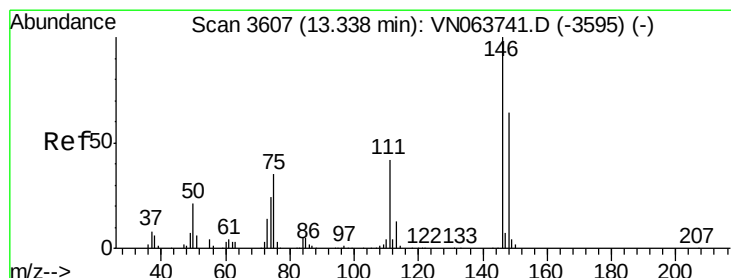
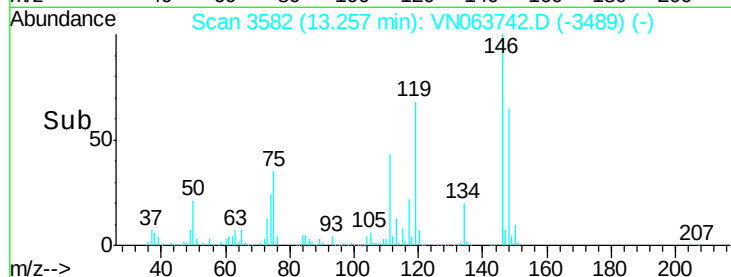
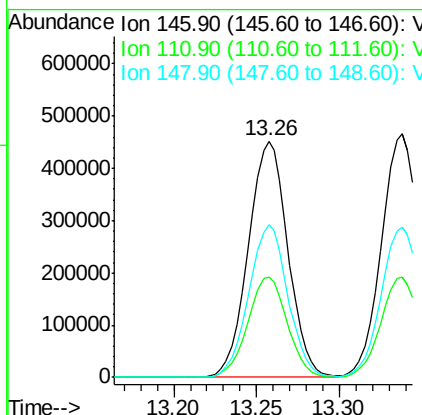
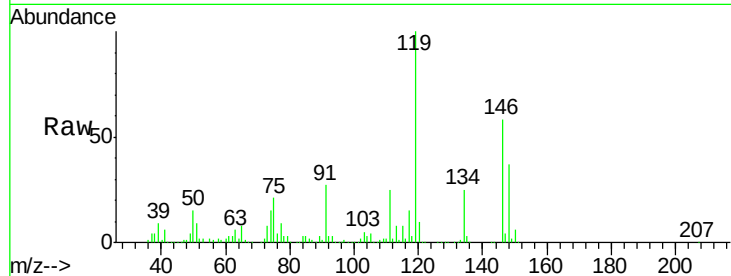




#87
 1,3-Dichlorobenzene
 Concen: 98.204 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

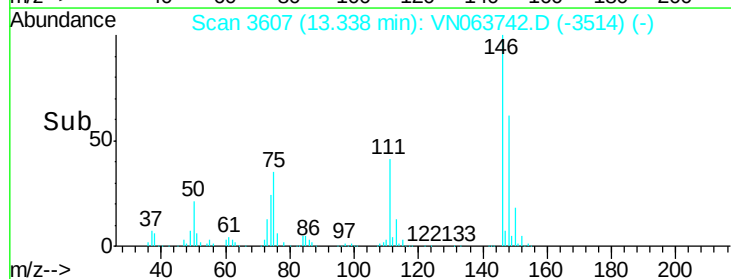
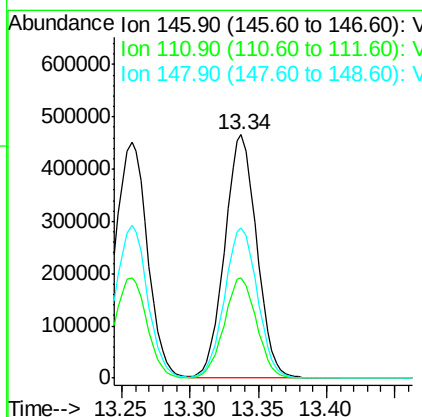
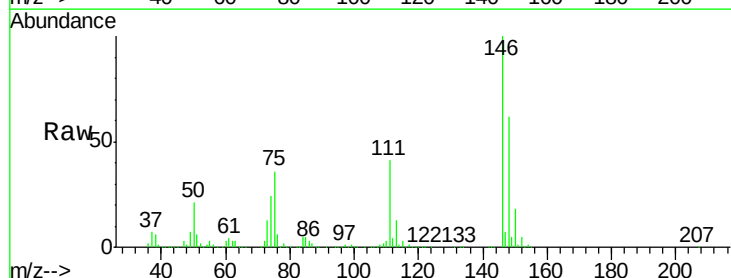
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

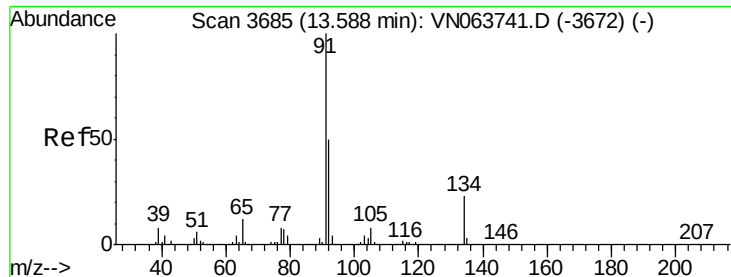
Tgt Ion:146 Resp: 747254
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.5 64.5
 148 64.0 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 98.777 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion:146 Resp: 760381
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.3 63.7
 148 62.9 32.0 96.0





#89

n-Butylbenzene

Concen: 95.072 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063742.D

Acq: 30 Sep 2020 11:36

Instrument :

MSVOA_N

ClientSampled :

VSTDICC100

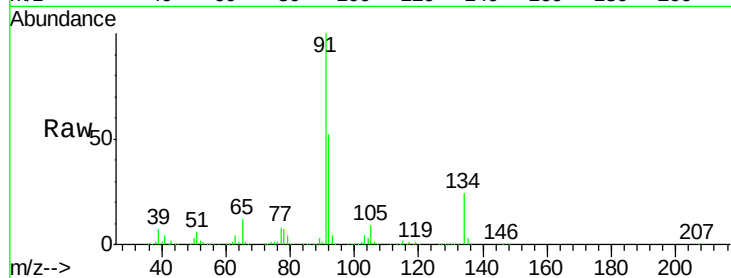
Tgt Ion: 91 Resp: 1280778

Ion Ratio Lower Upper

91 100

92 51.8 25.4 76.4

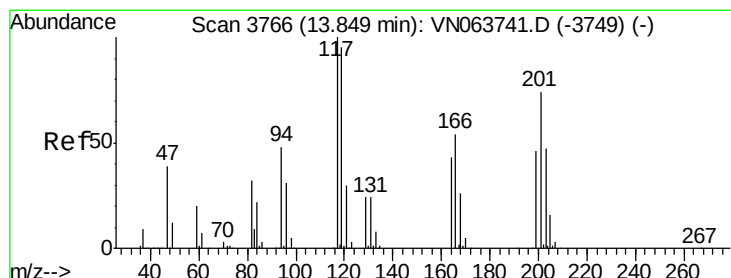
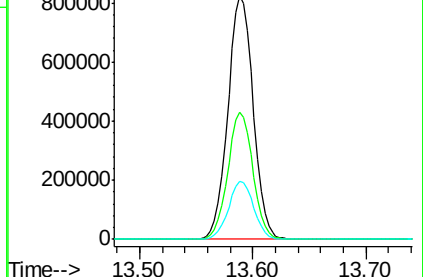
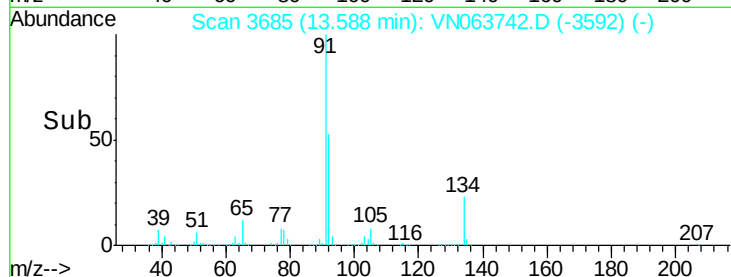
134 23.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063742.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063742.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063742.D (-3672) (-)



#90

Hexachloroethane

Concen: 95.908 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063742.D

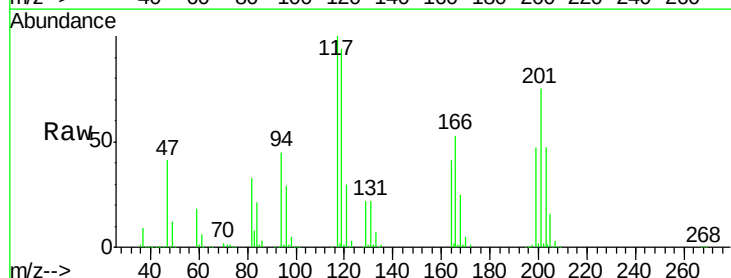
Acq: 30 Sep 2020 11:36

Tgt Ion: 117 Resp: 269182

Ion Ratio Lower Upper

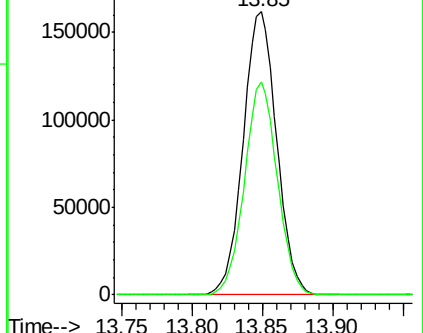
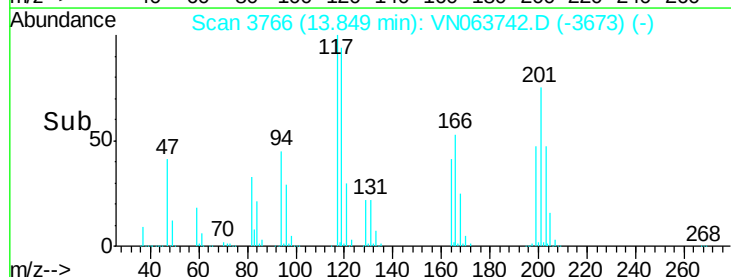
117 100

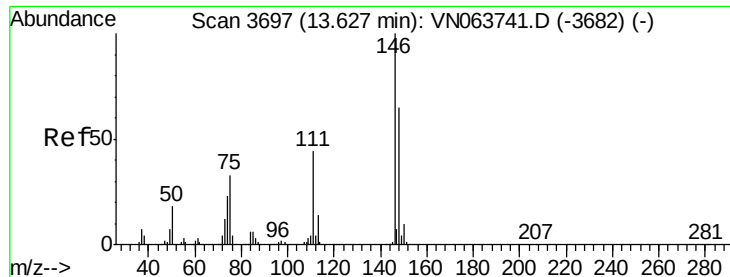
201 73.8 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063742.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063742.D (-3749) (-)

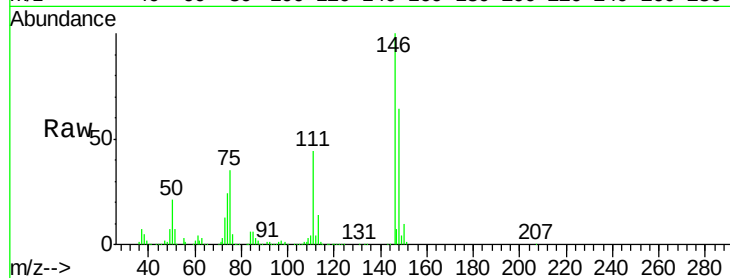




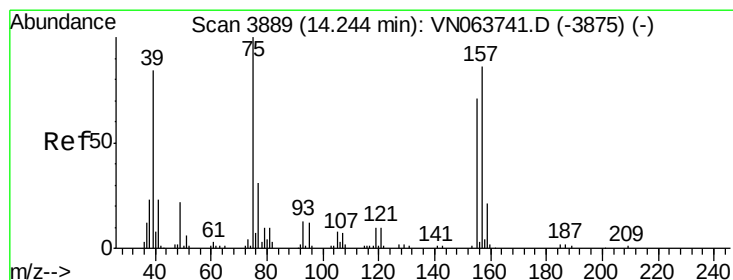
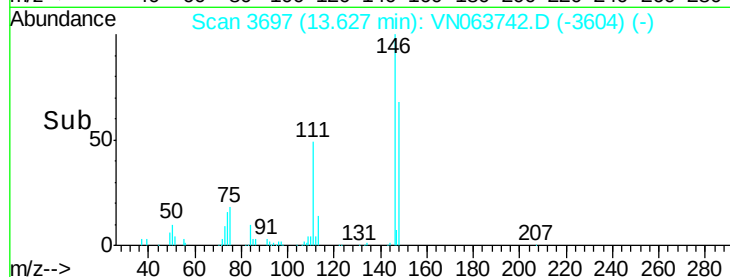
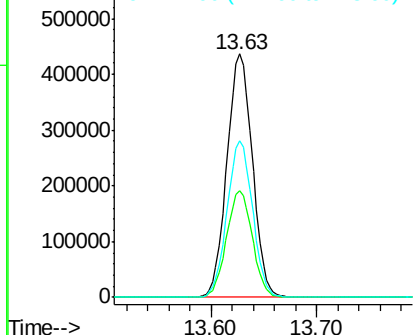
#91
 1,2-Dichlorobenzene
 Concen: 98.377 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.2	66.6
148	64.3	32.5	97.4

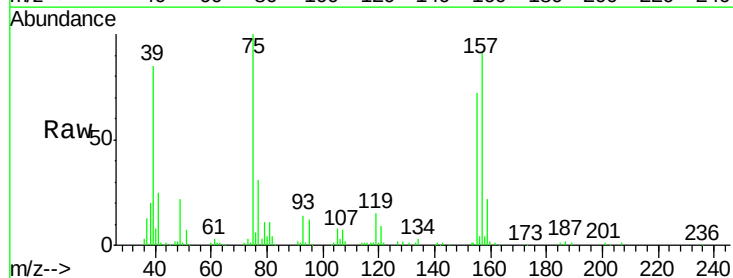


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

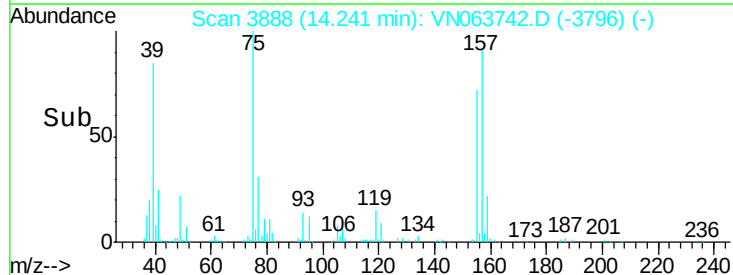
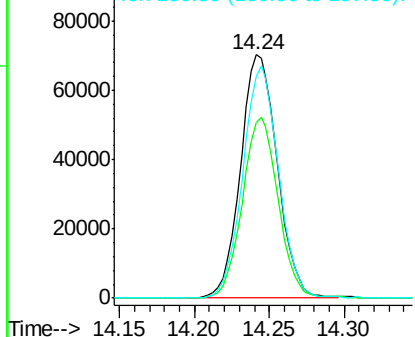


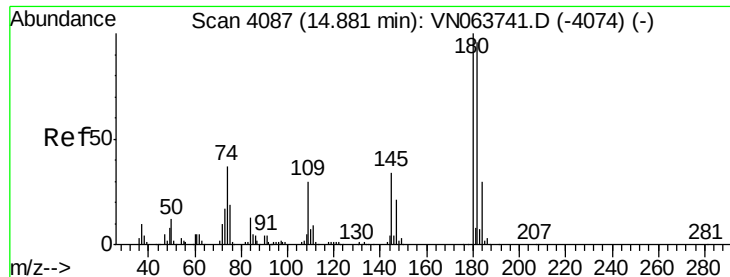
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 90.930 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.9	34.8	104.5
157	92.6	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

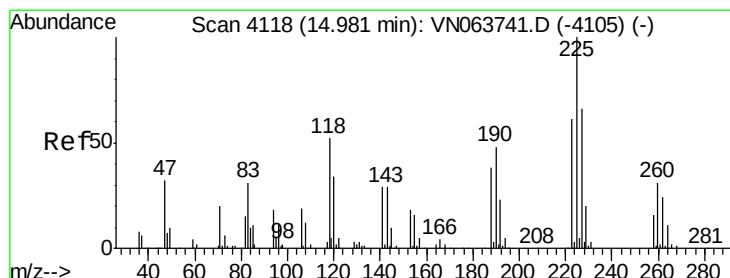
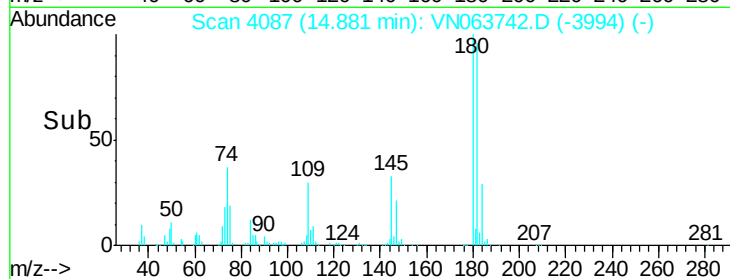
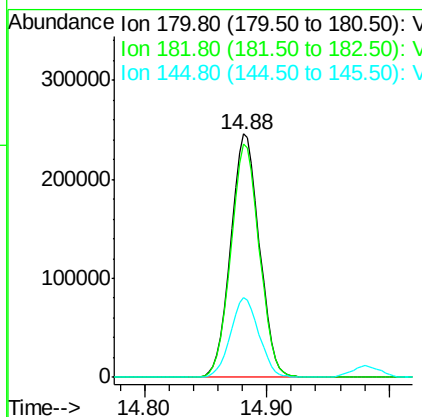
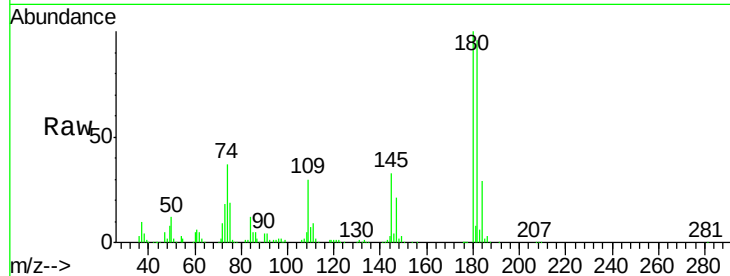




#93
 1,2,4-Trichlorobenzene
 Concen: 93.512 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

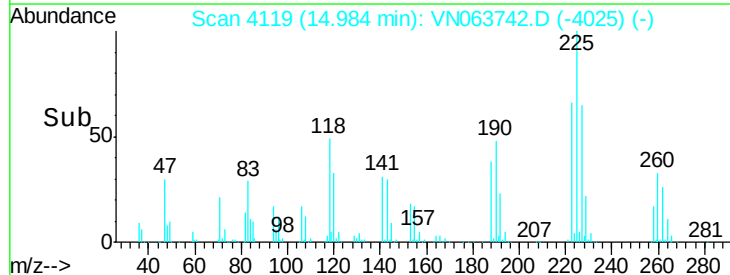
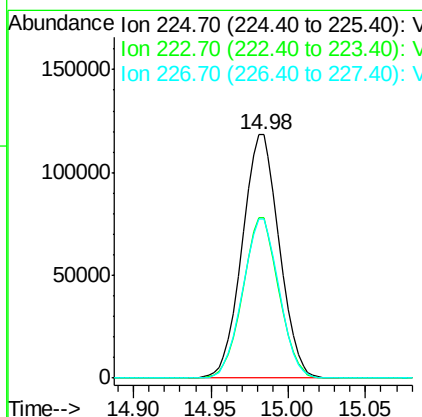
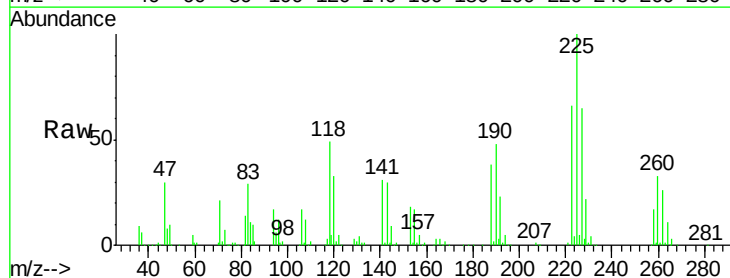
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

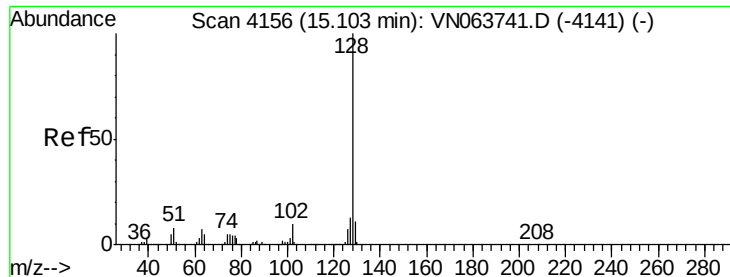
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.2	144.6
145	32.5	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 106.321 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063742.D
 Acq: 30 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	30.3	91.0
227	64.4	31.9	95.5

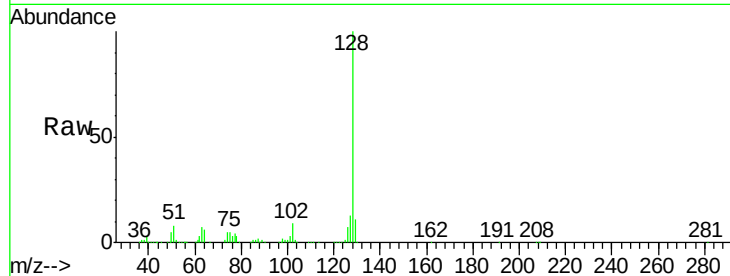




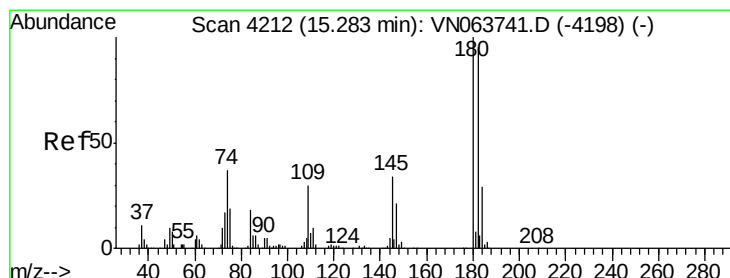
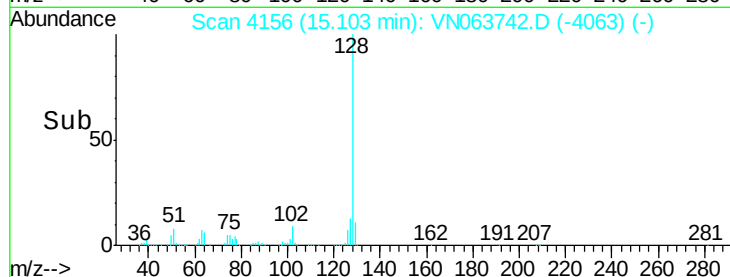
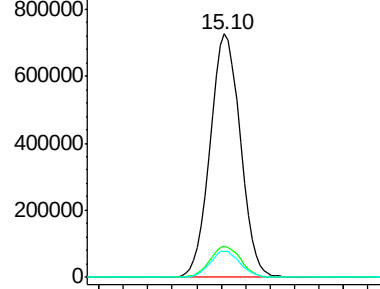
#95
Naphthalene
Concen: 88.456 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1245953
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1

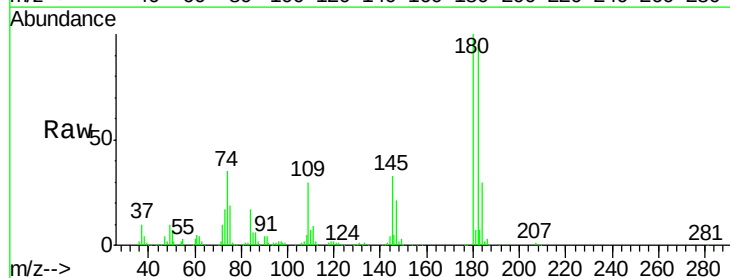


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 94.427 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063742.D
Acq: 30 Sep 2020 11:36

Tgt Ion:180 Resp: 392630
Ion Ratio Lower Upper
180 100
182 93.3 47.9 143.6
145 33.6 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

