

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063810.D
 Acq On : 2 Oct 2020 7:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 02 08:03:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	222256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	369436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	214544	58.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.86%	
35) Dibromofluoromethane	7.55	113	147915	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
50) Toluene-d8	10.06	98	504046	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.38	95	189897	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	109610	46.738	ug/l	99
3) Chloromethane	2.04	50	144785	52.616	ug/l	97
4) Vinyl Chloride	2.16	62	138577	50.169	ug/l	100
5) Bromomethane	2.52	94	90468	52.071	ug/l	99
6) Chloroethane	2.67	64	94667	57.355	ug/l	100
7) Trichlorofluoromethane	2.98	101	216956	49.525	ug/l	98
8) Diethyl Ether	3.37	74	85696	57.842	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	107778	46.030	ug/l	97
10) Methyl Iodide	3.91	142	154669	56.891	ug/l	98
11) Tert butyl alcohol	4.73	59	144142	355.571	ug/l	100
12) 1,1-Dichloroethene	3.69	96	112393	50.218	ug/l	99
13) Acrolein	3.57	56	60024	241.254	ug/l	99
14) Allyl chloride	4.28	41	222842	53.595	ug/l	96
15) Acrylonitrile	4.93	53	369469	318.404	ug/l	99
16) Acetone	3.78	43	368809	326.291	ug/l	95
17) Carbon Disulfide	4.01	76	296364	49.007	ug/l	99
18) Methyl Acetate	4.27	43	188104	64.096	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	481050	59.161	ug/l	100
20) Methylene Chloride	4.50	84	147989	57.148	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	127586	50.895	ug/l	98
22) Diisopropyl ether	5.90	45	513437	60.019	ug/l	99
23) Vinyl Acetate	5.84	43	2176660	307.164	ug/l	99
24) 1,1-Dichloroethane	5.79	63	270044	55.209	ug/l	99
25) 2-Butanone	6.78	43	538805	336.229	ug/l	99
26) 2,2-Dichloropropane	6.78	77	147782	32.992	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	154681	53.651	ug/l	97
28) Bromochloromethane	7.15	49	137751	56.980	ug/l	99
29) Tetrahydrofuran	7.17	42	363259	337.984	ug/l	99
30) Chloroform	7.33	83	288214	56.512	ug/l	97
31) Cyclohexane	7.61	56	181020	42.465	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	244755	53.206	ug/l	99
36) 1,1-Dichloropropene	7.75	75	179622	45.514	ug/l	99
37) Ethyl Acetate	6.88	43	225378	57.481	ug/l	99
38) Carbon Tetrachloride	7.74	117	199717	45.129	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	152484	38.745	ug/l	97
40) Benzene	8.00	78	572641	50.801	ug/l	99
41) Methacrylonitrile	7.16	41	348385	199.920	ug/l #	23
42) 1,2-Dichloroethane	8.08	62	260618	54.163	ug/l	98
43) Isopropyl Acetate	8.13	43	384122	59.393	ug/l	100
44) Trichloroethene	8.80	130	137005	46.387	ug/l	97
45) 1,2-Dichloropropane	9.08	63	160991	52.883	ug/l	100
46) Dibromomethane	9.17	93	114721	54.626	ug/l	98
47) Bromodichloromethane	9.37	83	237429	54.856	ug/l	100
48) Methyl methacrylate	9.17	41	198482	62.117	ug/l	95
49) 1,4-Dioxane	9.16	88	59211	1303.849	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1213559	319.746	ug/l	99
52) Toluene	10.12	92	349059	50.063	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	231459	49.888	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	242286	49.934	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	153845	55.021	ug/l	98
56) Ethyl methacrylate	10.40	69	234330	59.123	ug/l	98
57) 1,3-Dichloropropane	10.68	76	263652	55.734	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	627266	295.870	ug/l	100
59) 2-Hexanone	10.72	43	901571	319.769	ug/l	100
60) Dibromochloromethane	10.87	129	174344	53.540	ug/l	99
61) 1,2-Dibromoethane	10.98	107	161236	56.371	ug/l	99
64) Tetrachloroethene	10.60	164	123422	43.182	ug/l	98
65) Chlorobenzene	11.41	112	370080	48.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	150465	51.790	ug/l	99
67) Ethyl Benzene	11.48	91	659966	47.859	ug/l	98
68) m/p-Xylenes	11.59	106	484837	94.337	ug/l	98
69) o-Xylene	11.92	106	236786	49.293	ug/l	100
70) Styrene	11.94	104	414424	50.824	ug/l	100
71) Bromoform	12.10	173	123494	55.578	ug/l #	100
73) Isopropylbenzene	12.22	105	613156	48.524	ug/l	100
74) N-amyl acetate	12.04	43	343116	58.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	228118	59.037	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	308038	80.661	ug/l #	100
77) Bromobenzene	12.50	156	161593	52.117	ug/l	99
78) n-propylbenzene	12.57	91	691436	47.017	ug/l	99
79) 2-Chlorotoluene	12.65	91	447816	49.513	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	524078	49.436	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	68994	52.034	ug/l	98
82) 4-Chlorotoluene	12.75	91	465127	49.539	ug/l	100
83) tert-Butylbenzene	12.97	119	409233	47.193	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	524417	49.547	ug/l	98
85) sec-Butylbenzene	13.15	105	522767	45.899	ug/l	100
86) p-Isopropyltoluene	13.26	119	468695	46.517	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	277678	49.502	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	278907	47.754	ug/l	99
89) n-Butylbenzene	13.59	91	385918	41.499	ug/l	100
90) Hexachloroethane	13.85	117	92522	47.388	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	281703	50.703	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54802	60.476	ug/l	99

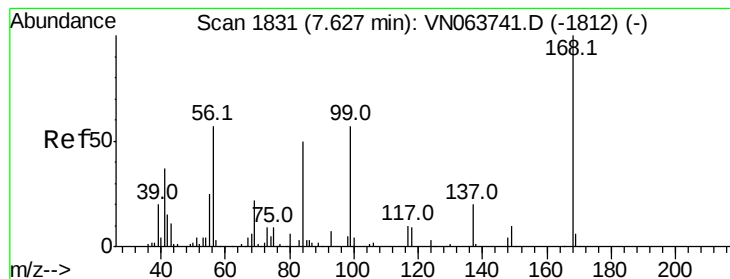
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	127230	42.387	ug/l	99
94) Hexachlorobutadiene	14.98	225	63410	42.104	ug/l	99
95) Naphthalene	15.10	128	443052	47.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	129125	44.253	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

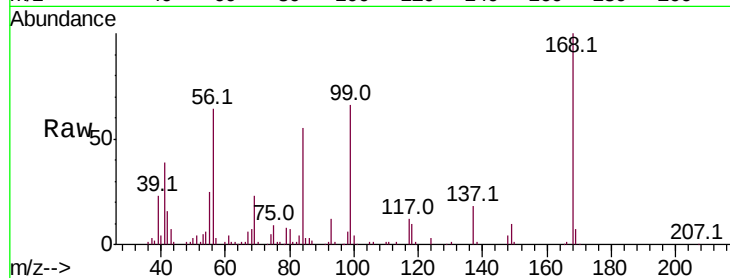
VSTDCCC050EC

Tot Ion:168 Resp: 222256

Ion Ratio Lower Upper

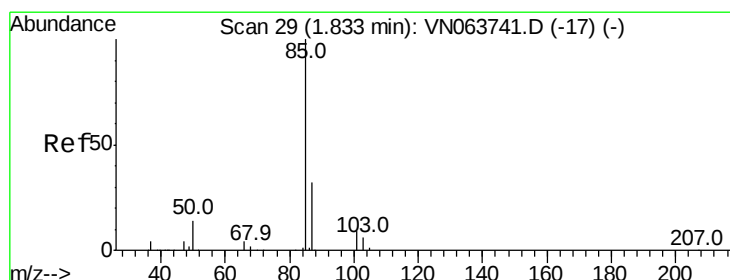
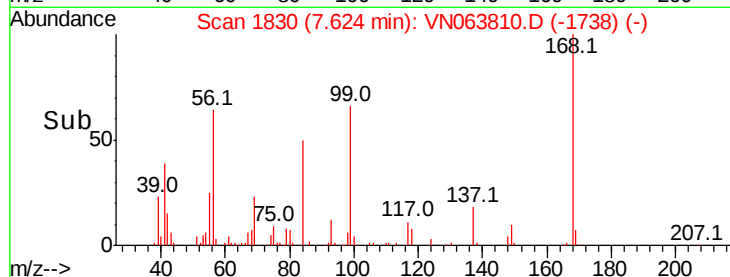
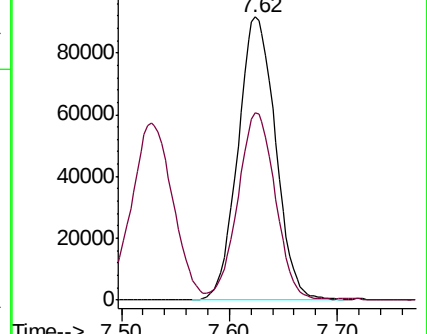
168 100

99 65.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.738 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063810.D

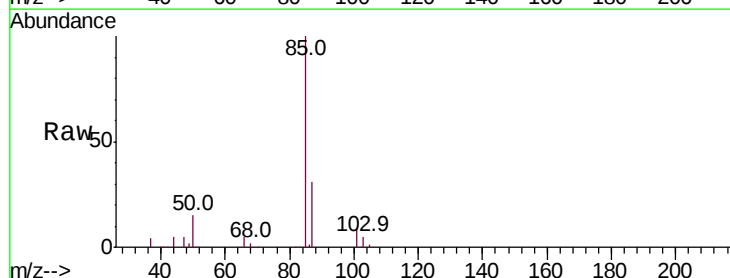
Acq: 2 Oct 2020 7:44

Tgt Ion: 85 Resp: 109610

Ion Ratio Lower Upper

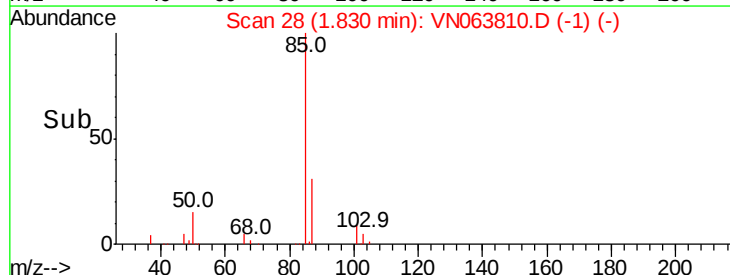
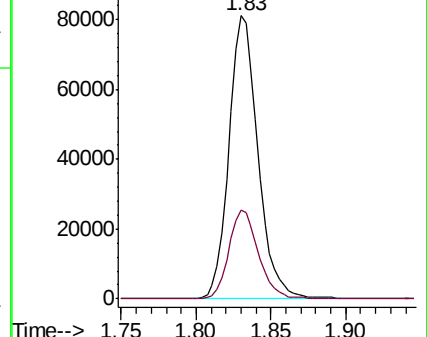
85 100

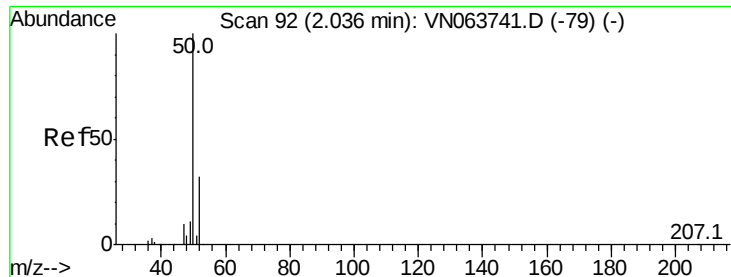
87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 52.616 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

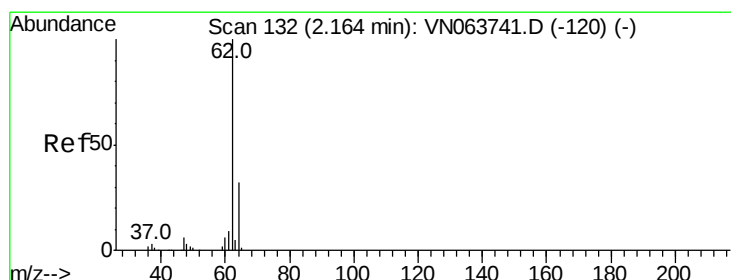
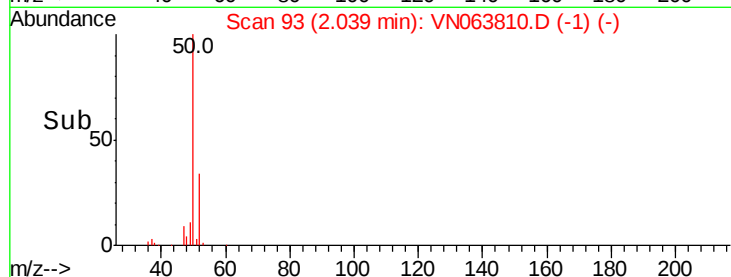
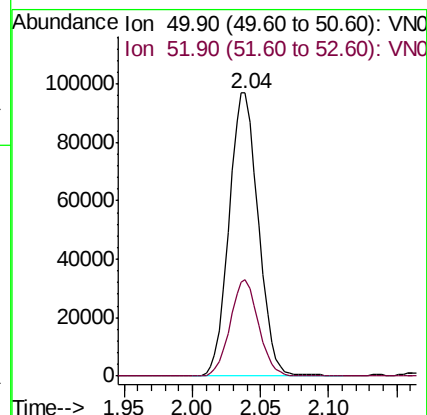
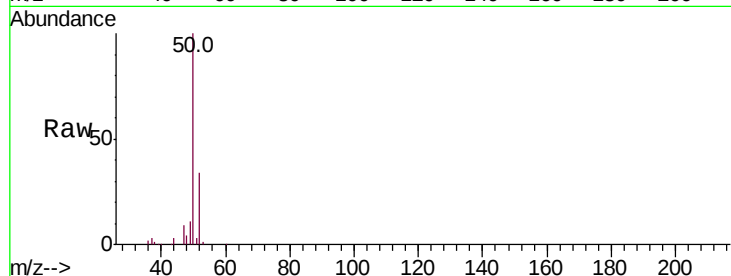
VSTDCCC050EC

Tot Ion: 50 Resp: 144785

Ion Ratio Lower Upper

50 100

52 34.1 25.8 38.8



#4

Vinyl Chloride

Concen: 50.169 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063810.D

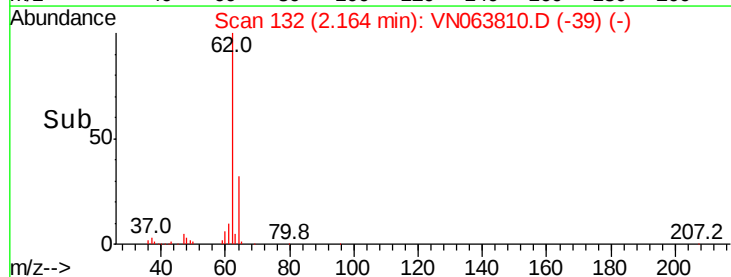
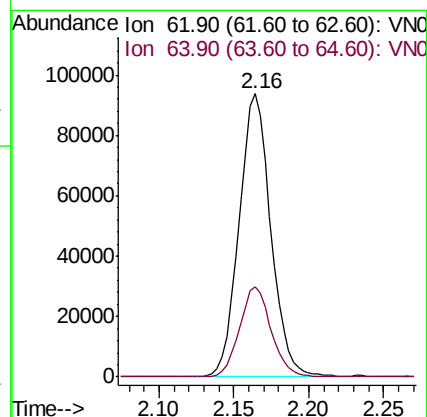
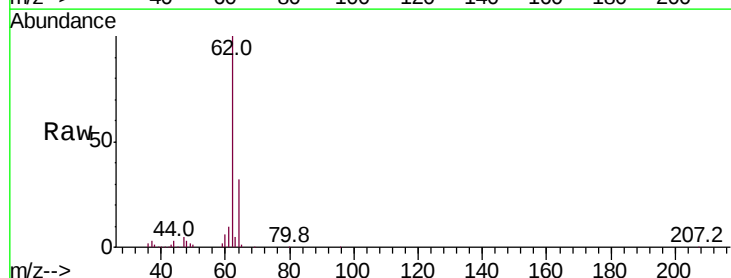
Acq: 2 Oct 2020 7:44

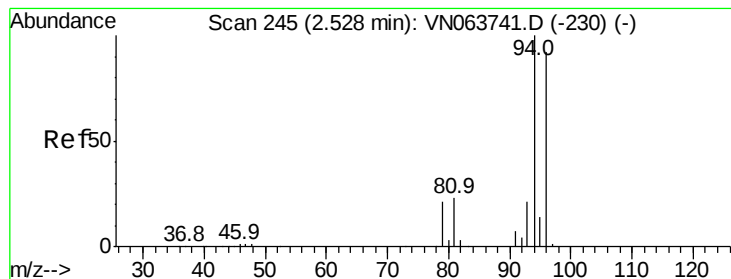
Tgt Ion: 62 Resp: 138577

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 52.071 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

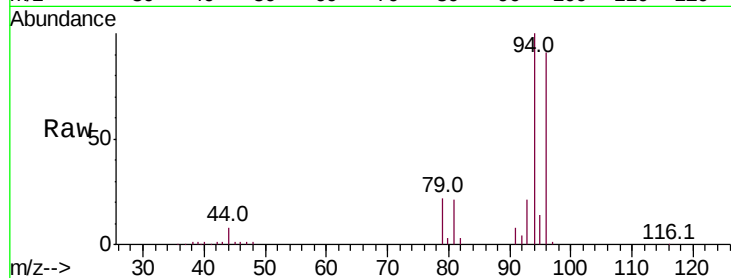
VSTDCCC050EC

Tot Ion: 94 Resp: 90468

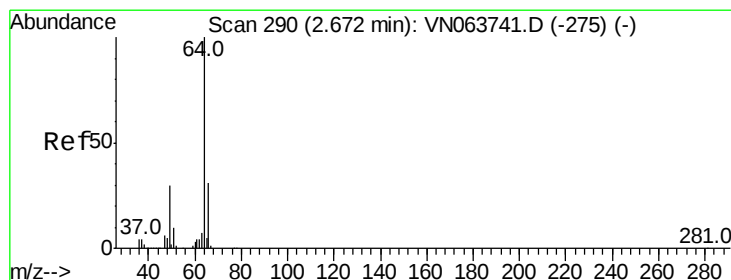
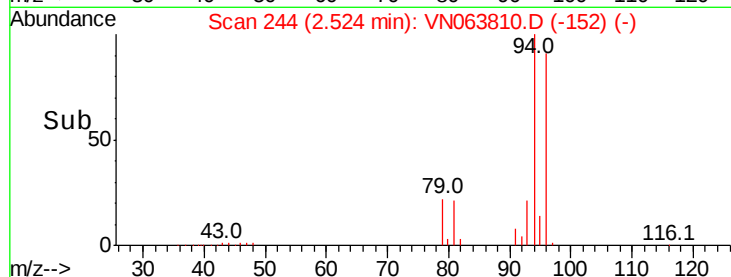
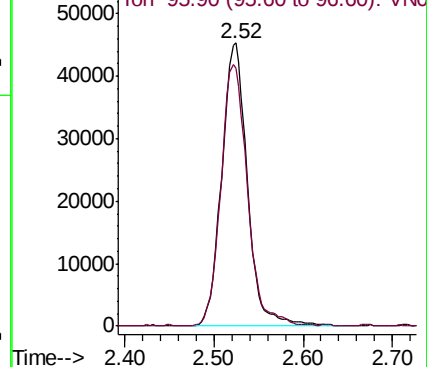
Ion Ratio Lower Upper

94 100

96 90.9 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 57.355 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063810.D

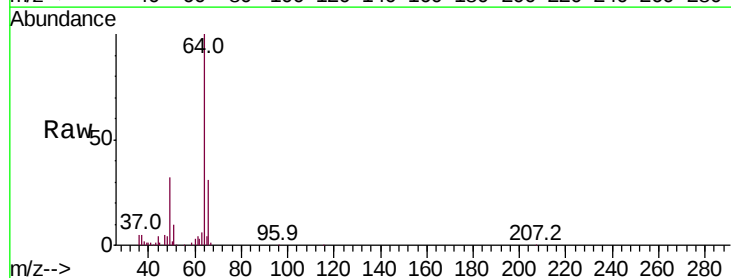
Acq: 2 Oct 2020 7:44

Tgt Ion: 64 Resp: 94667

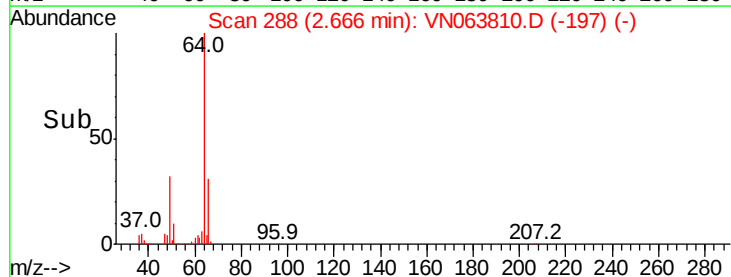
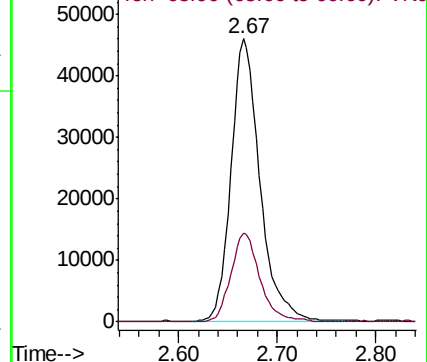
Ion Ratio Lower Upper

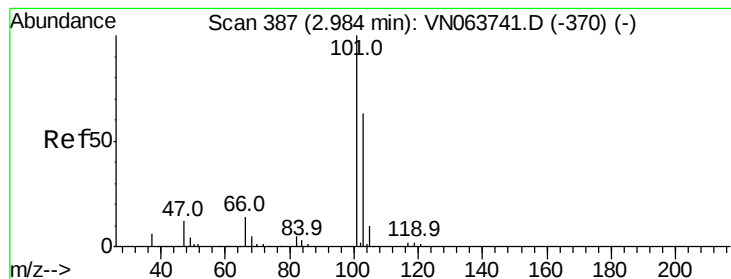
64 100

66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



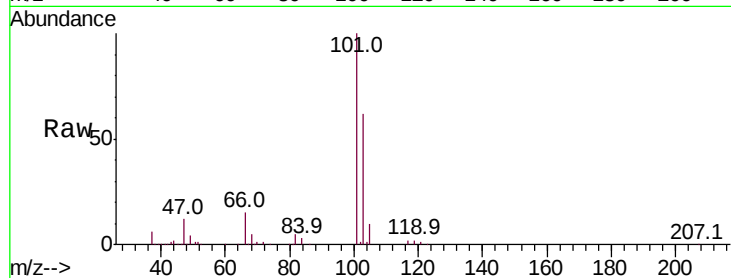


#7

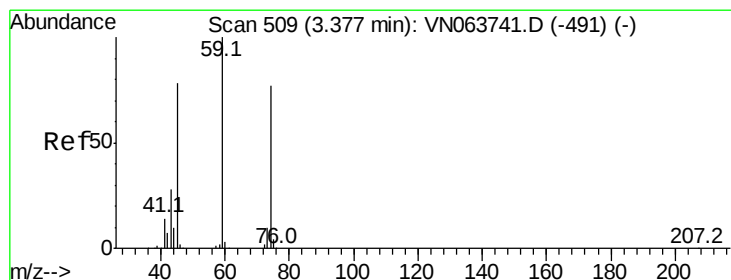
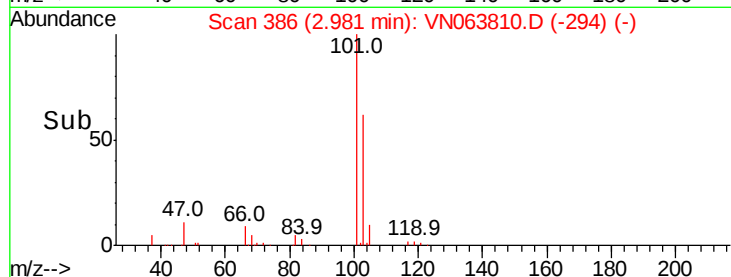
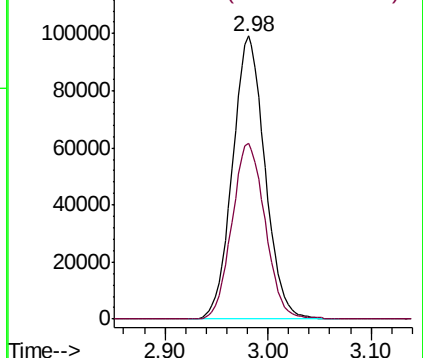
Trichlorofluoromethane
 Concen: 49.525 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
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 VSTDCCC050EC

Tot Ion:101 Resp: 216956
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.7 76.1



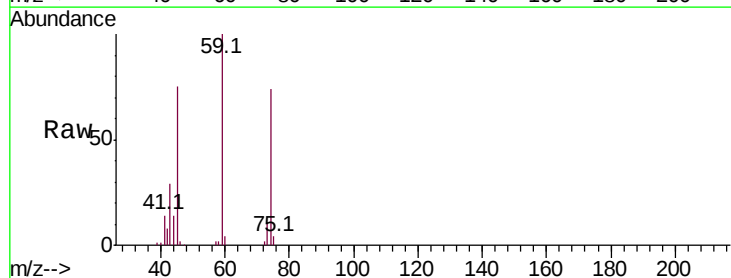
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



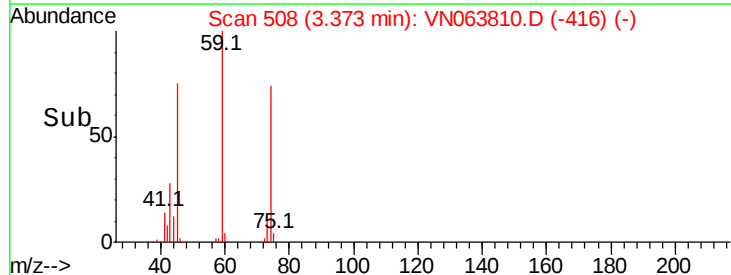
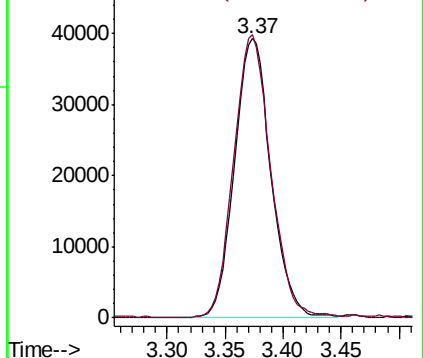
#8

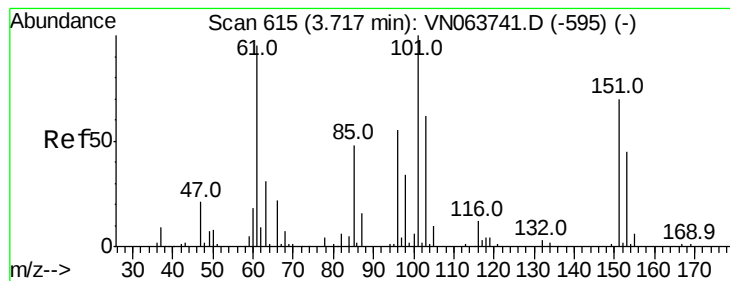
Diethyl Ether
 Concen: 57.842 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion: 74 Resp: 85696
 Ion Ratio Lower Upper
 74 100
 45 103.4 50.9 152.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.030 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

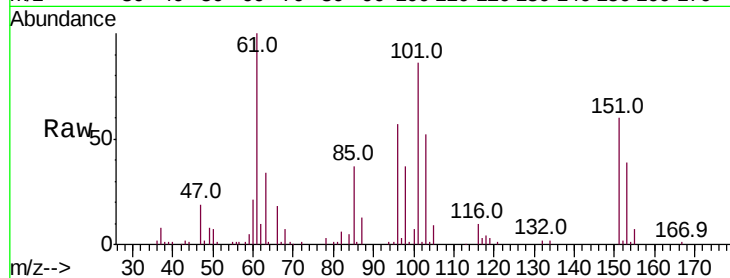
Tot Ion:101 Resp: 107778

Ion Ratio Lower Upper

101 100

85 46.5 38.6 58.0

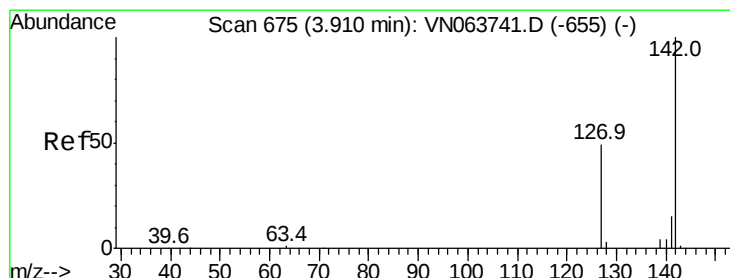
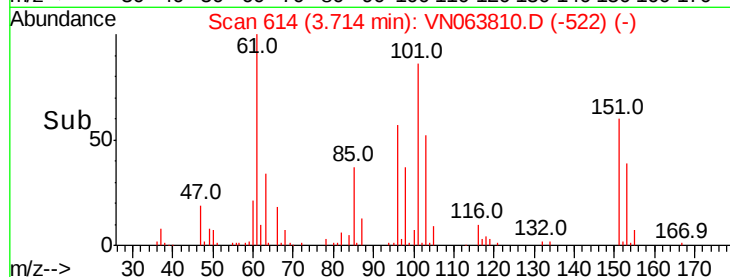
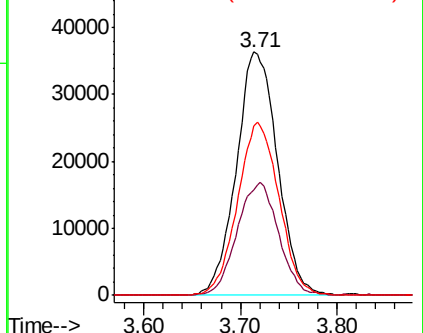
151 71.3 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.891 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

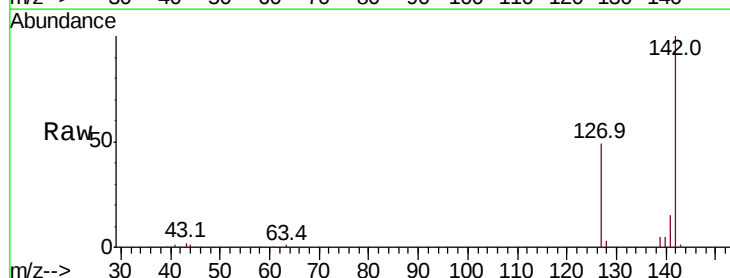
Tgt Ion:142 Resp: 154669

Ion Ratio Lower Upper

142 100

127 51.7 40.5 60.7

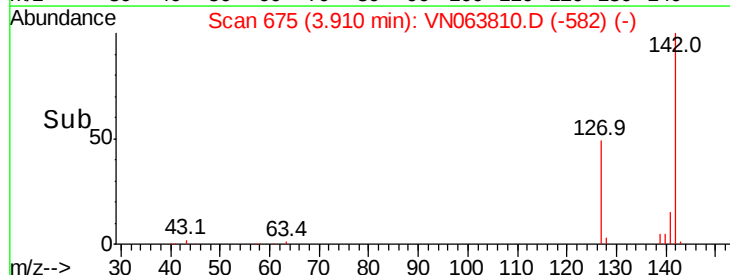
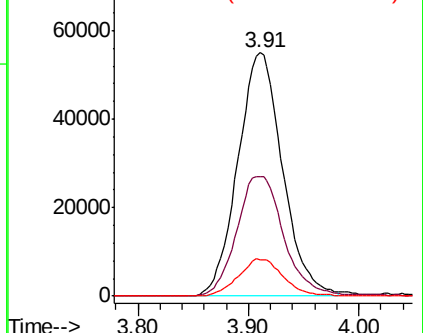
141 15.3 11.7 17.5

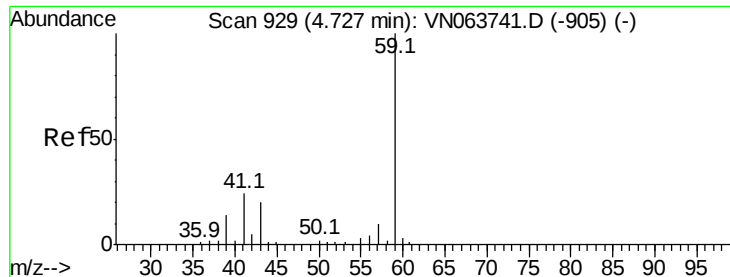


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

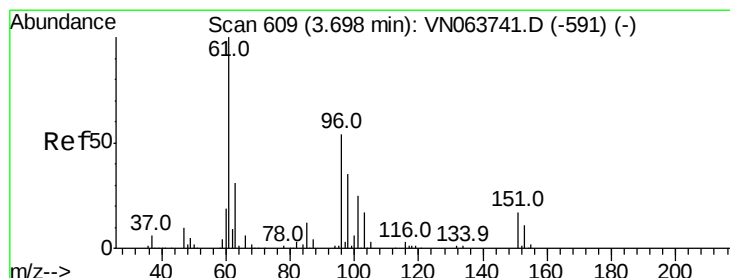
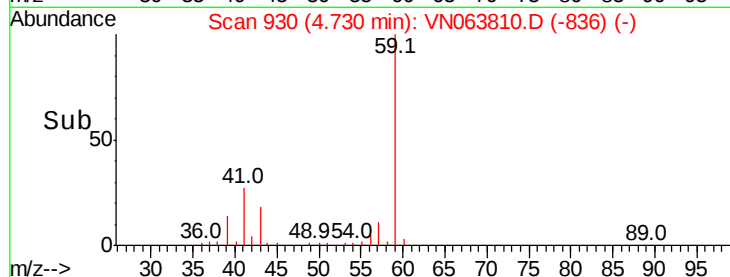
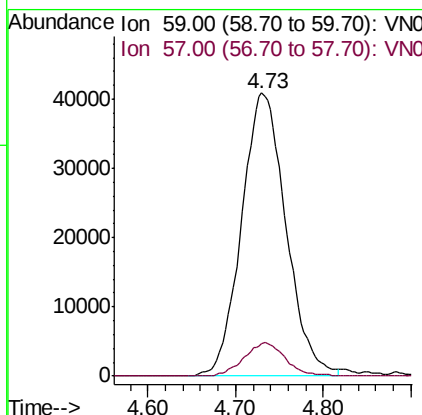
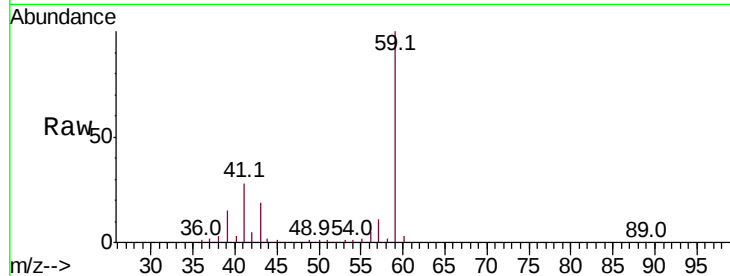




#11
Tert butyl alcohol
Concen: 355.571 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

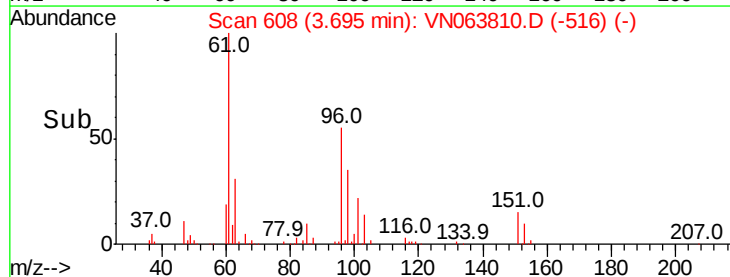
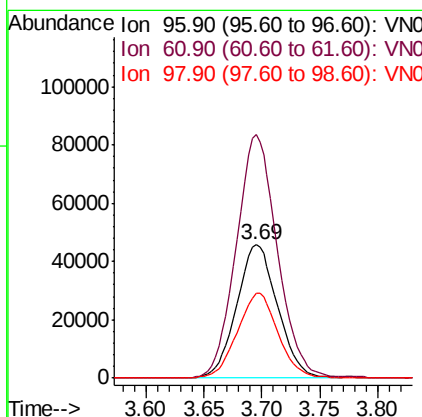
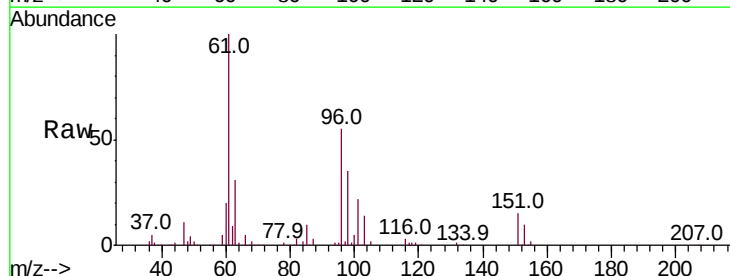
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

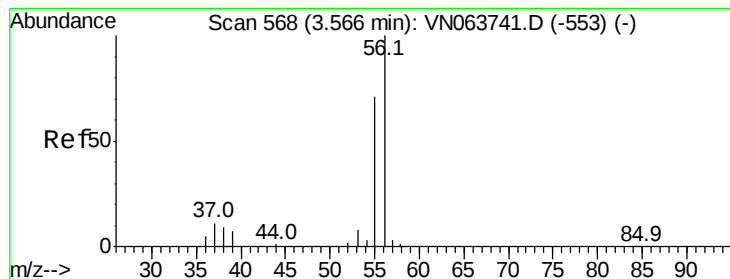
Tot Ion: 59 Resp: 144142
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1



#12
1,1-Dichloroethene
Concen: 50.218 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 96 Resp: 112393
Ion Ratio Lower Upper
96 100
61 182.9 147.7 221.5
98 63.4 51.9 77.9





#13

Acrolein

Concen: 241.254 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

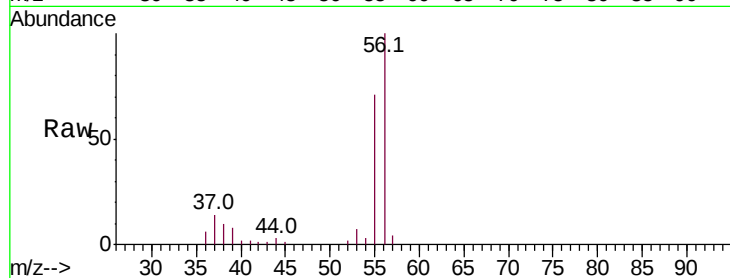
VSTDCCC050EC

Tot Ion: 56 Resp: 60024

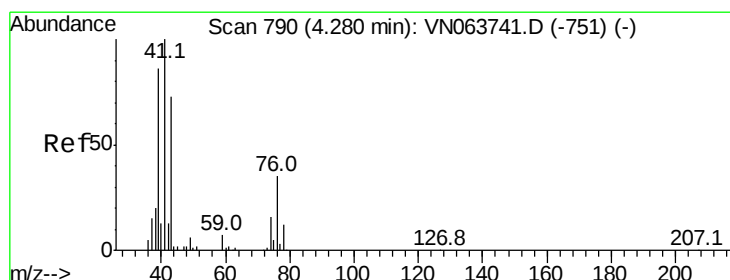
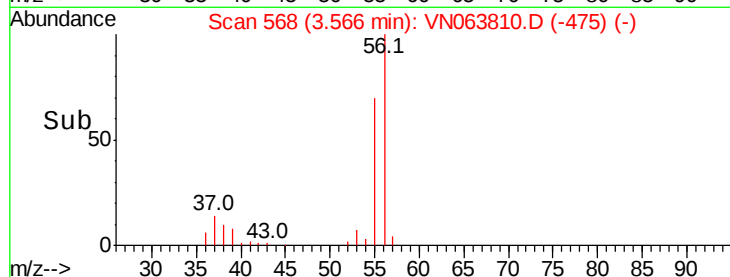
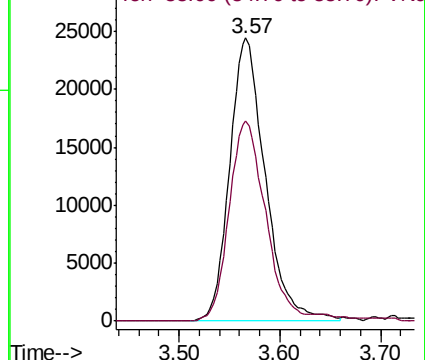
Ion Ratio Lower Upper

56 100

55 71.8 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 53.595 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

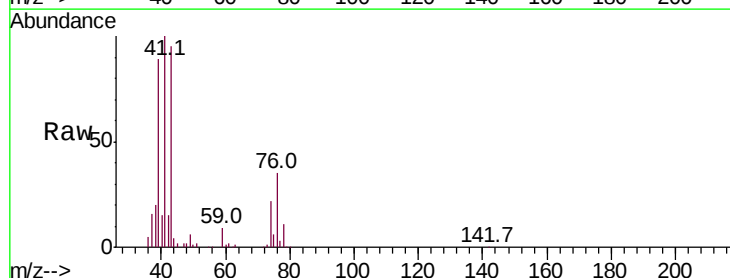
Tgt Ion: 41 Resp: 222842

Ion Ratio Lower Upper

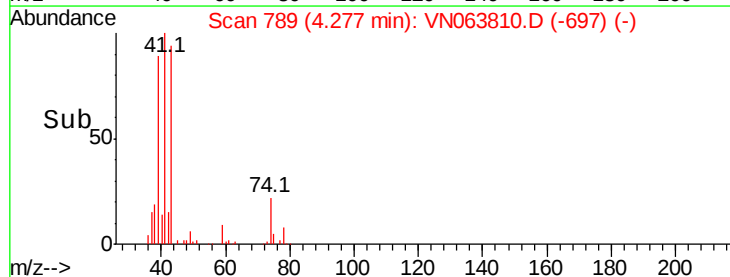
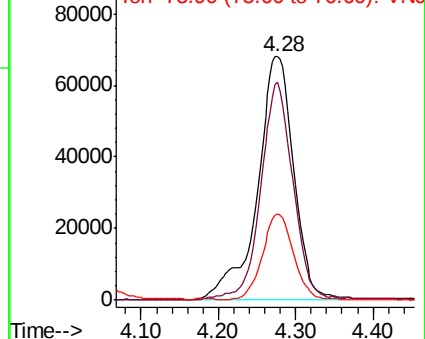
41 100

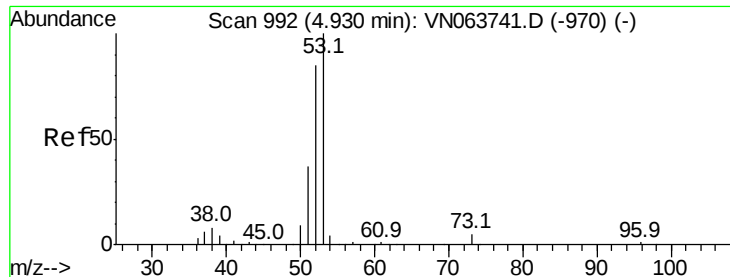
39 77.9 64.5 96.7

76 29.5 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 318.404 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

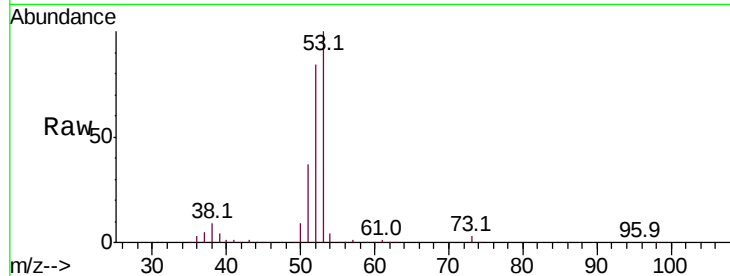
Tot Ion: 53 Resp: 369469

Ion Ratio Lower Upper

53 100

52 84.0 66.5 99.7

51 38.2 29.9 44.9

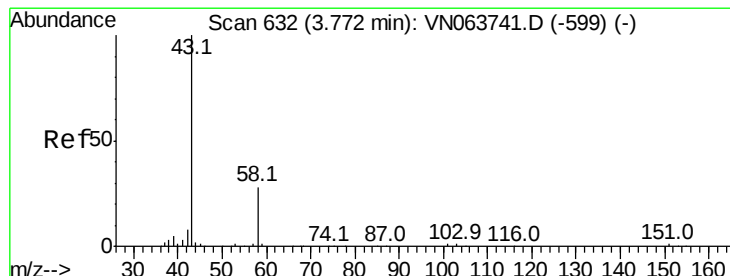
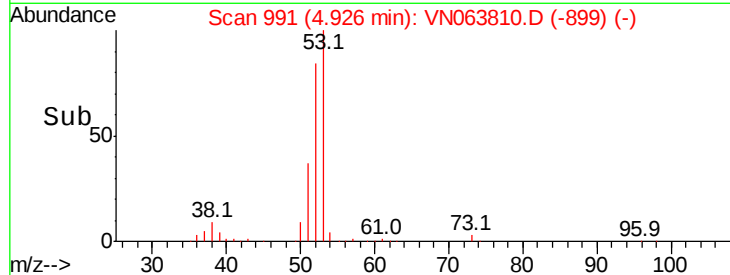
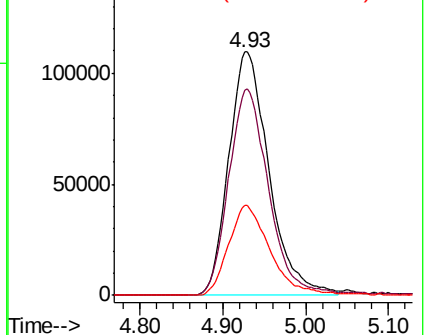


Abundance Ion 53.00 (52.70 to 53.70): VN063810.D (-899) (-)

150000

Ion 52.00 (51.70 to 52.70): VN063810.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063810.D (-899) (-)



#16

Acetone

Concen: 326.291 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063810.D

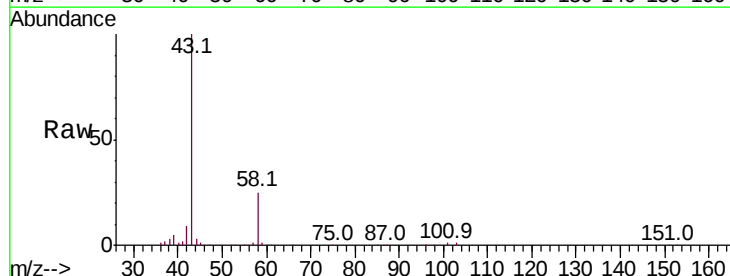
Acq: 2 Oct 2020 7:44

Tgt Ion: 43 Resp: 368809

Ion Ratio Lower Upper

43 100

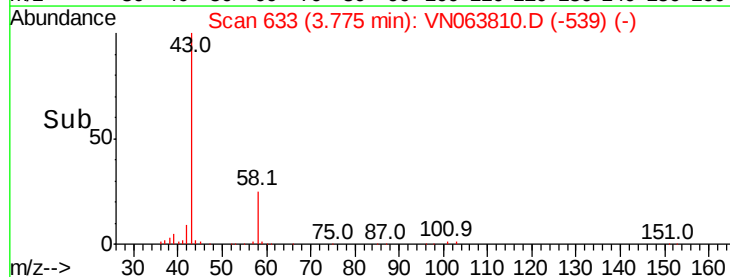
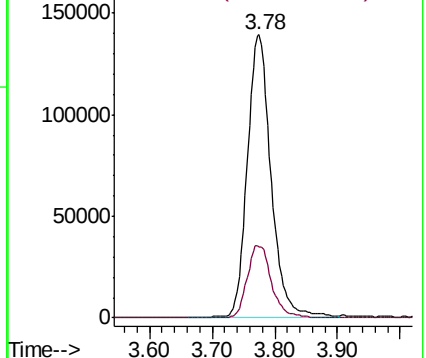
58 25.2 22.3 33.5

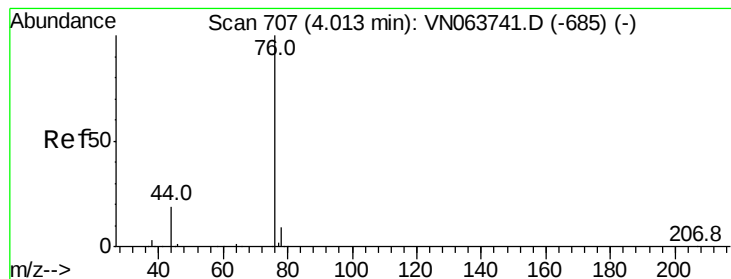


Abundance Ion 43.00 (42.70 to 43.70): VN063810.D (-539) (-)

150000

Ion 58.00 (57.70 to 58.70): VN063810.D (-539) (-)





#17

Carbon Disulfide

Concen: 49.007 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

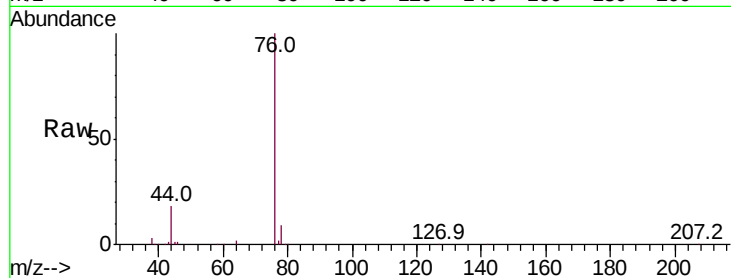
VSTDCCC050EC

Tot Ion: 76 Resp: 296364

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.01

120000

100000

80000

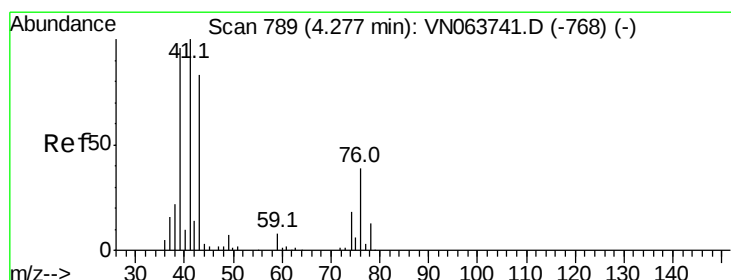
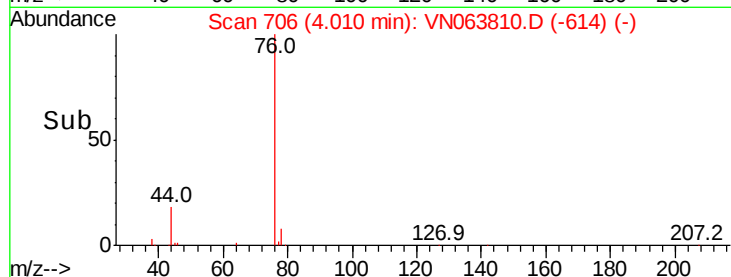
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 64.096 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063810.D

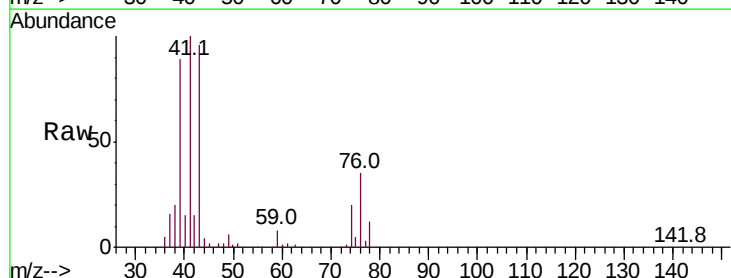
Acq: 2 Oct 2020 7:44

Tgt Ion: 43 Resp: 188104

Ion Ratio Lower Upper

43 100

74 21.9 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.27

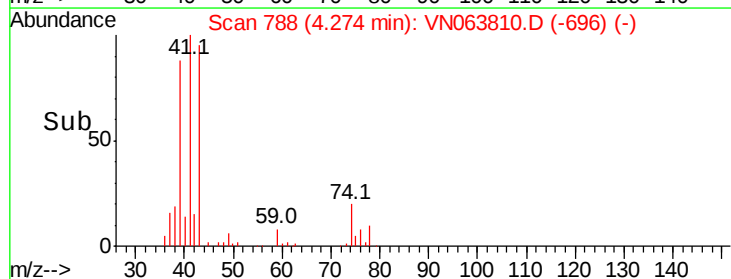
60000

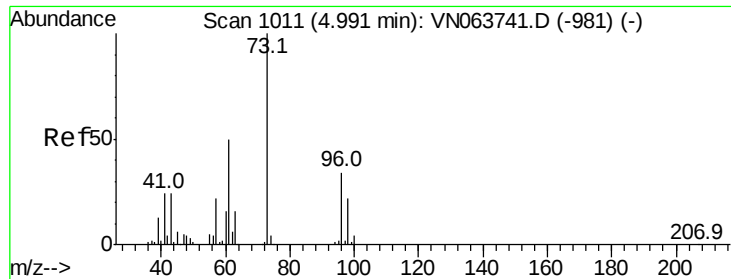
40000

20000

0

Time-->

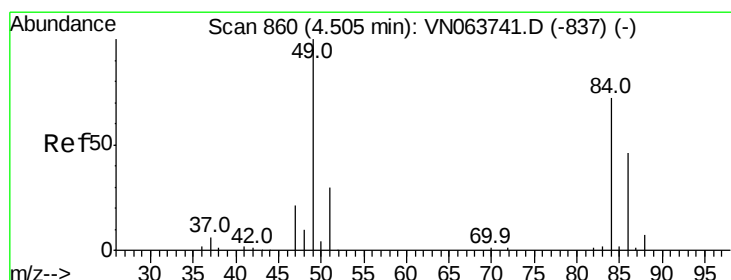
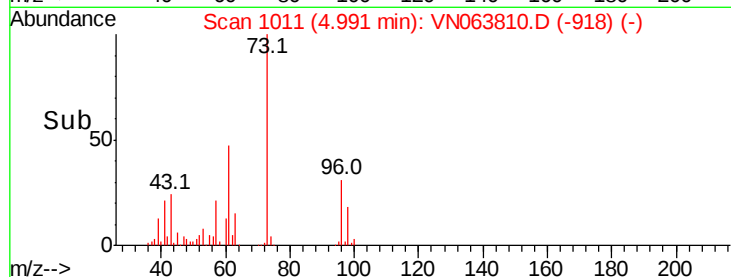
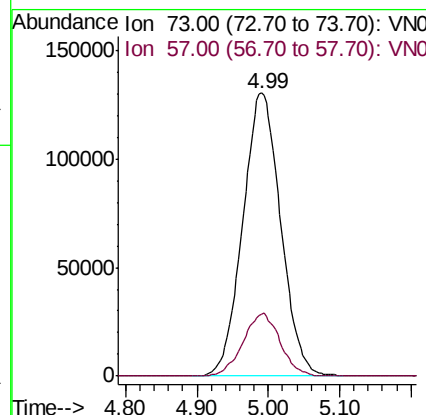
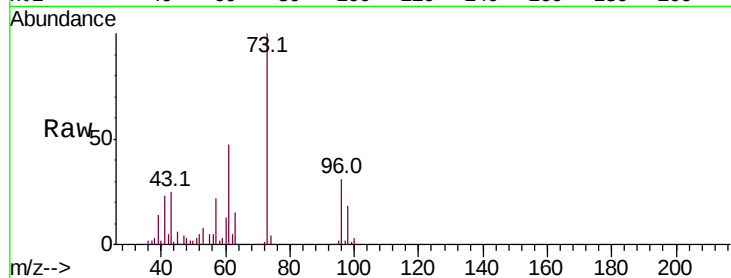




#19
Methvl tert-butvl Ether
Concen: 59.161 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

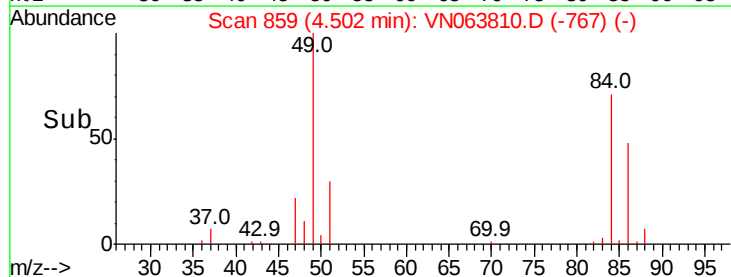
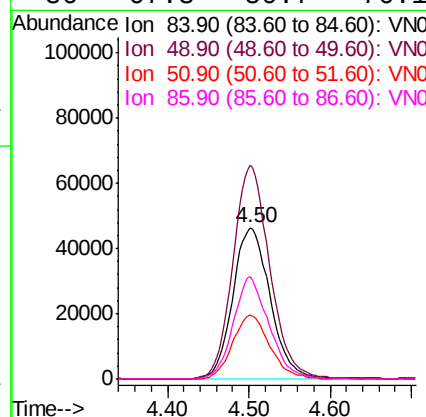
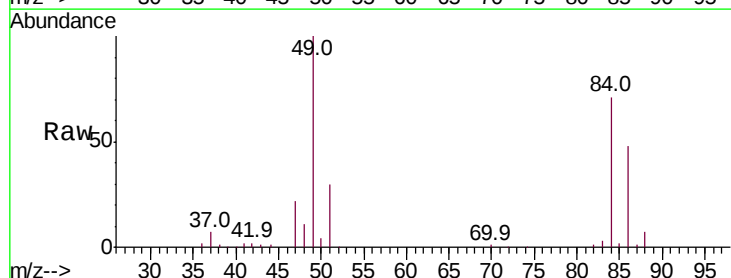
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

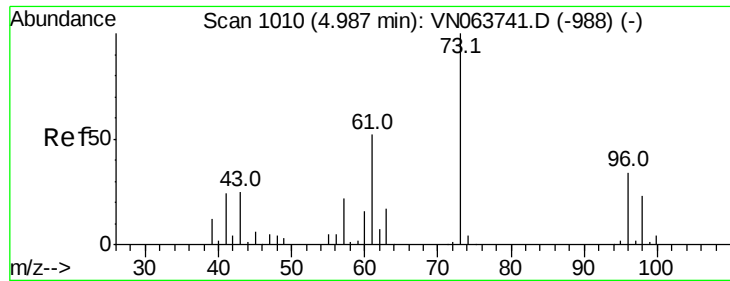
Tot Ion: 73 Resp: 481050
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4



#20
Methylene Chloride
Concen: 57.148 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 84 Resp: 147989
Ion Ratio Lower Upper
84 100
49 140.4 110.4 165.6
51 42.1 33.3 49.9
86 67.3 50.7 76.1

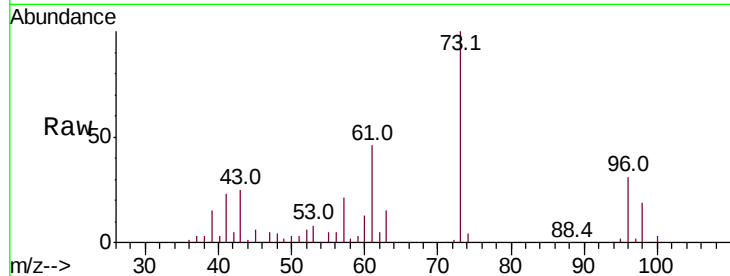




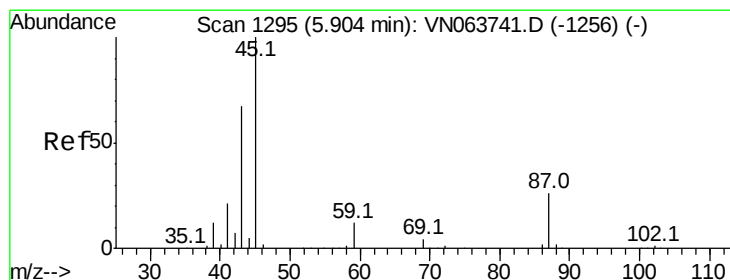
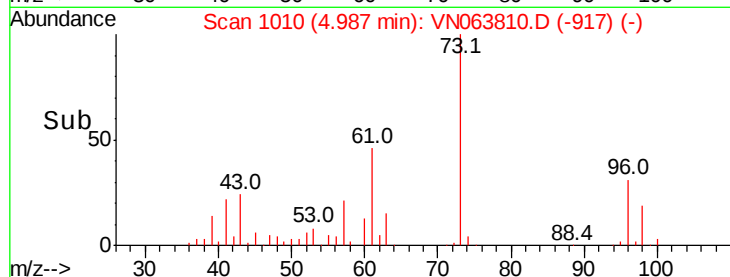
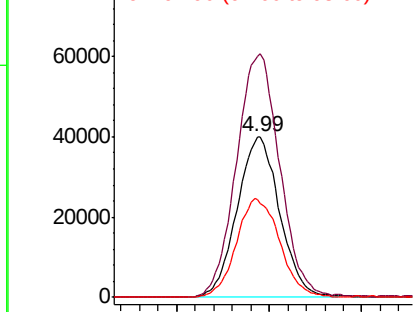
#21
trans-1,2-Dichloroethene
Concen: 50.895 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 127586
Ion Ratio Lower Upper
96 100
61 150.0 120.2 180.2
98 61.0 52.6 79.0

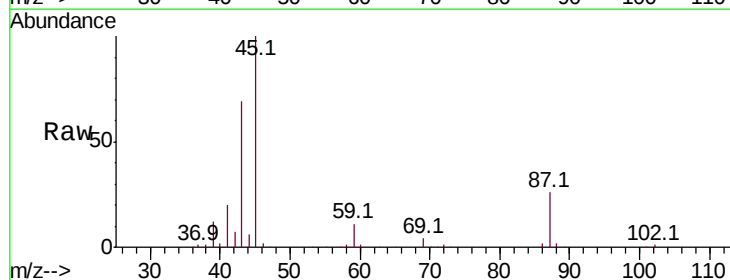


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

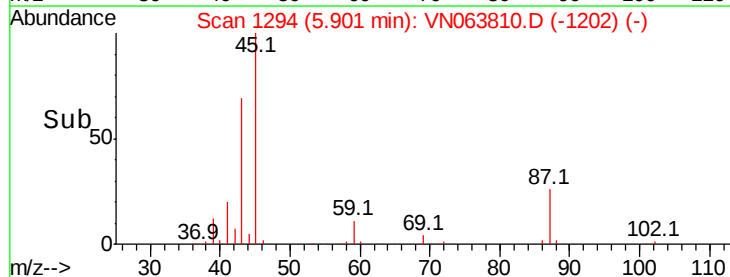
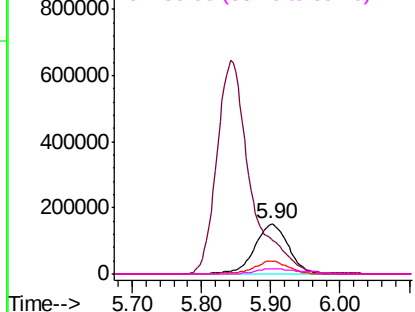


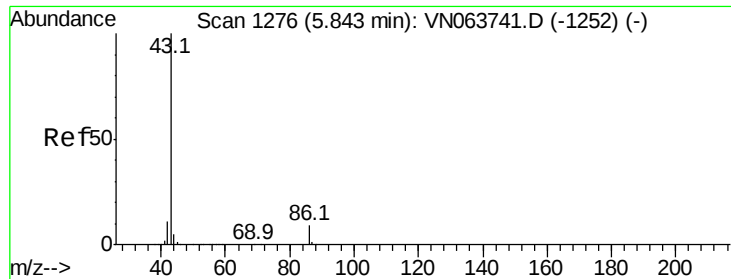
#22
Diisopropyl ether
Concen: 60.019 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 45 Resp: 513437
Ion Ratio Lower Upper
45 100
43 68.1 53.7 80.5
87 26.0 21.1 31.7
59 10.5 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





#23

Vinyl Acetate

Concen: 307.164 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

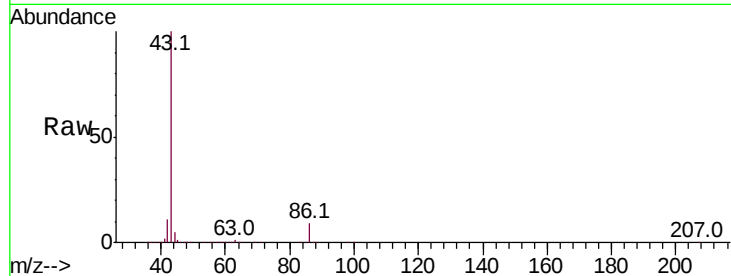
VSTDCCC050EC

Tot Ion: 43 Resp: 2176660

Ion Ratio Lower Upper

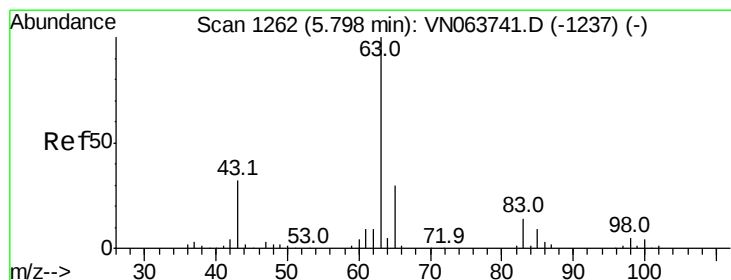
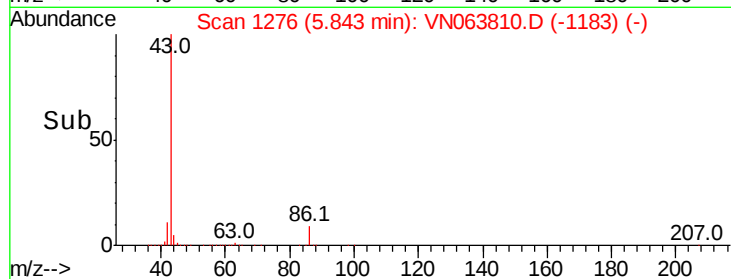
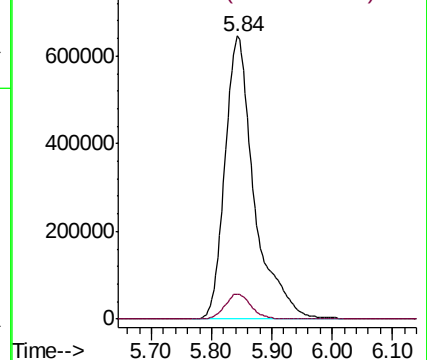
43 100

86 8.9 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 55.209 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

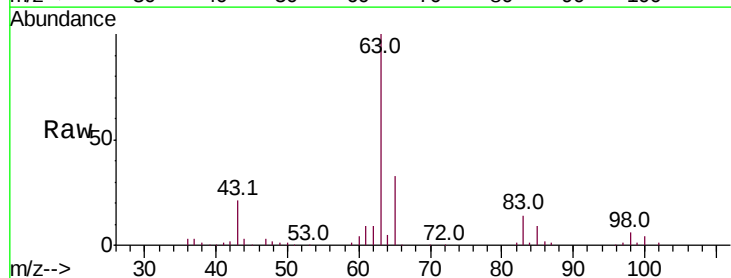
Tgt Ion: 63 Resp: 270044

Ion Ratio Lower Upper

63 100

98 5.8 2.7 8.1

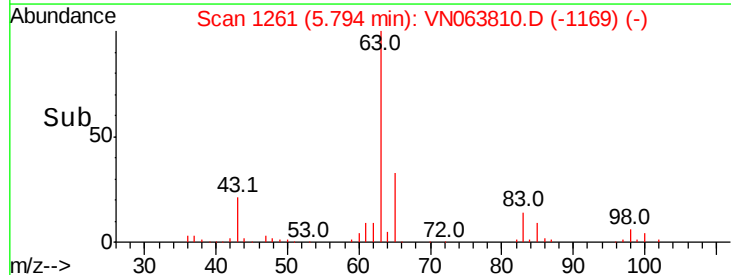
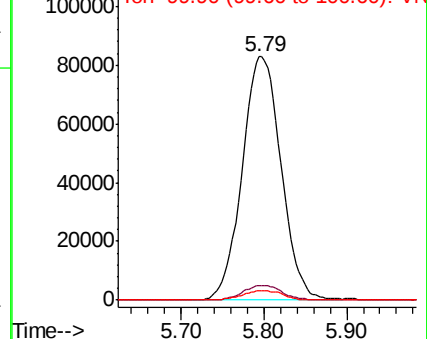
100 3.7 1.9 5.7

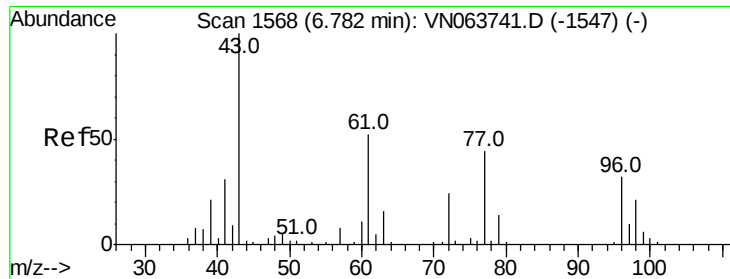


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 336.229 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

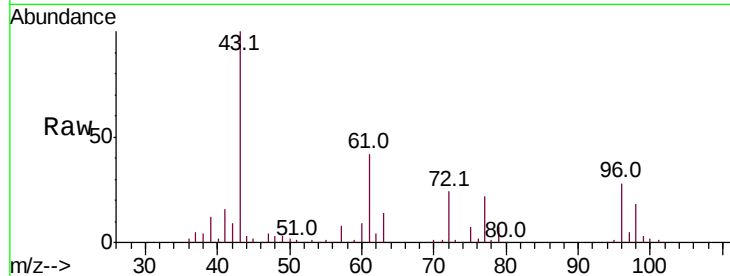
VSTDCCC050EC

Tot Ion: 43 Resp: 538805

Ion Ratio Lower Upper

43 100

72 24.4 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1547) (-)

6.78

200000

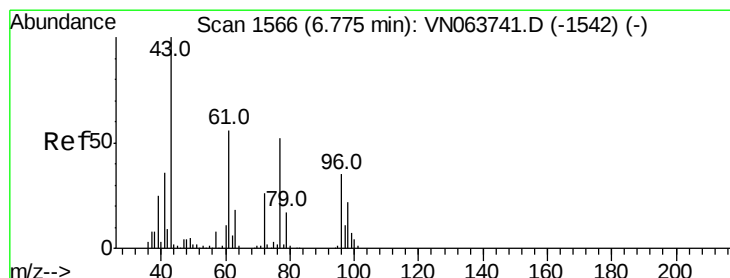
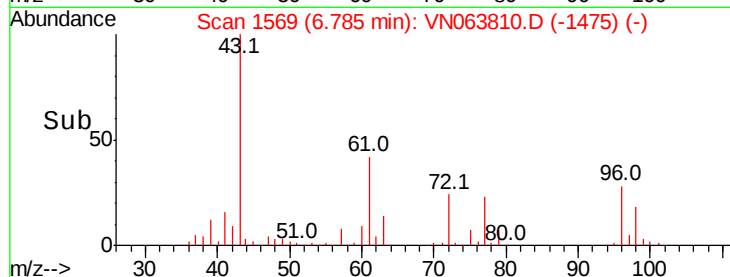
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 32.992 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063810.D

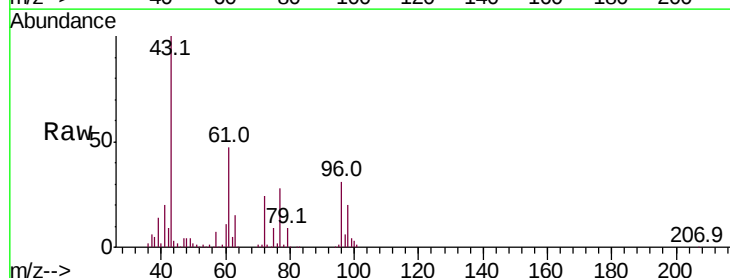
Acq: 2 Oct 2020 7:44

Tgt Ion: 77 Resp: 147782

Ion Ratio Lower Upper

77 100

97 22.9 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN063741.D (-1542) (-)

Ion 96.90 (96.60 to 97.60): VN063741.D (-1542) (-)

6.78

50000

40000

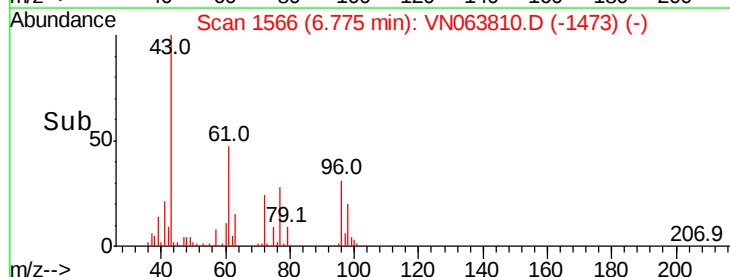
30000

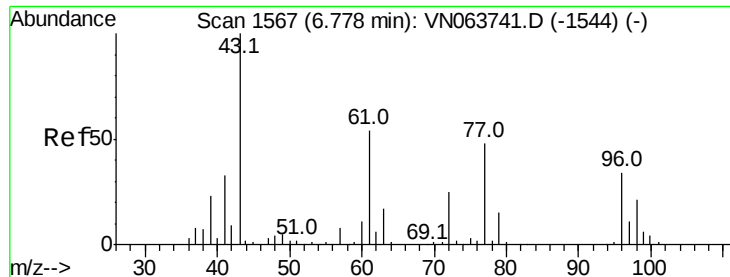
20000

10000

0

Time-->

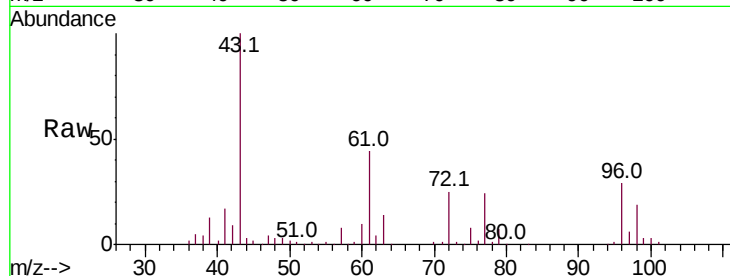




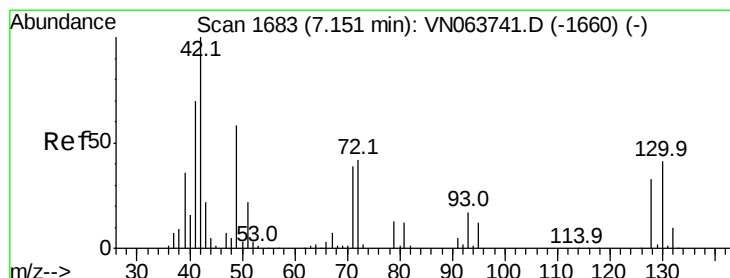
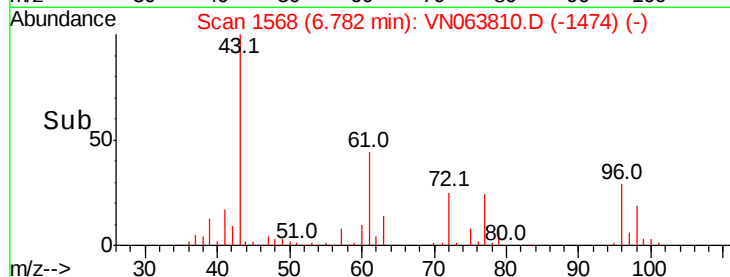
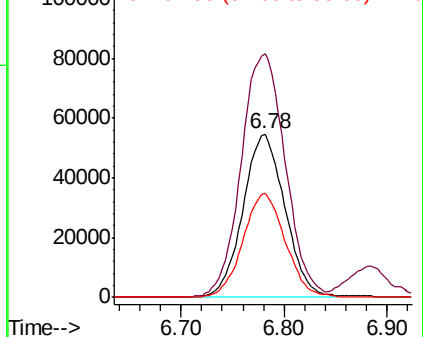
#27
 cis-1,2-Dichloroethene
 Concen: 53.651 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 154681
 Ion Ratio Lower Upper
 96 100
 61 157.0 0.0 321.2
 98 64.4 0.0 124.4

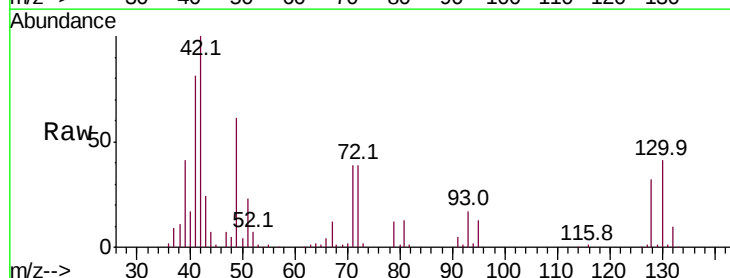


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

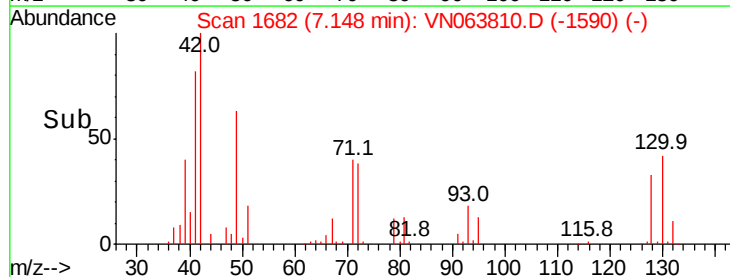
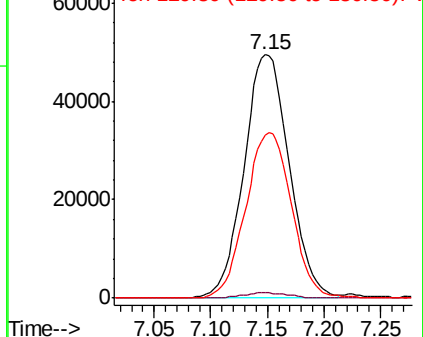


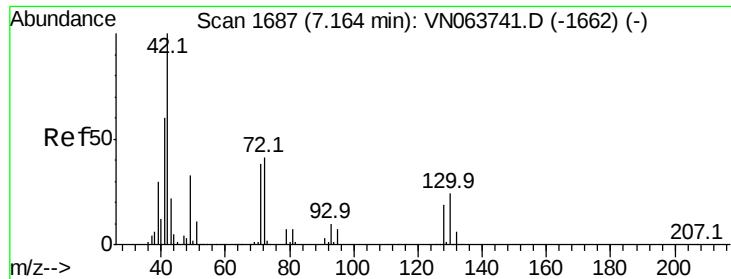
#28
 Bromochloromethane
 Concen: 56.980 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion: 49 Resp: 137751
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 68.4 55.6 83.4



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

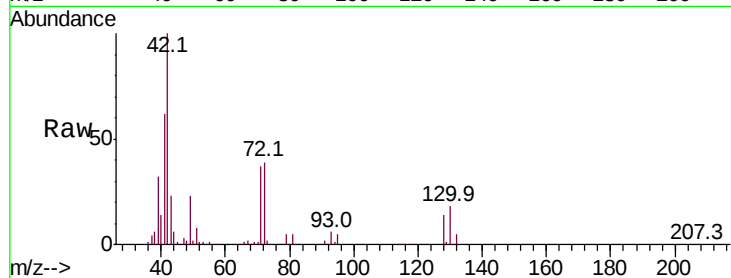




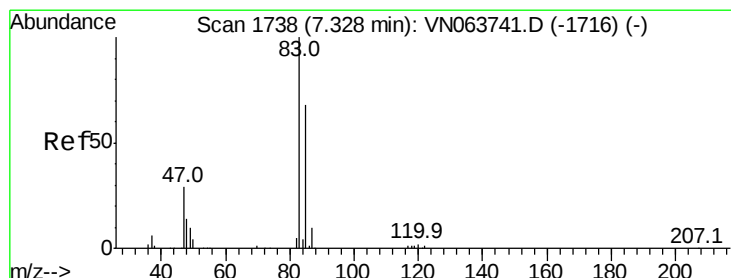
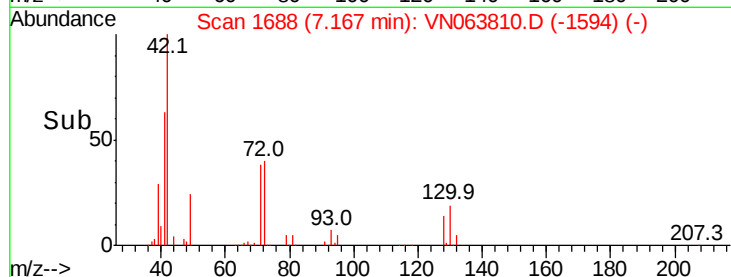
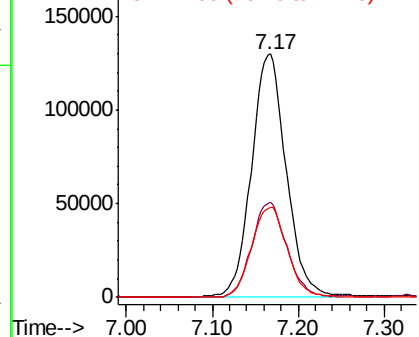
#29
Tetrahydrofuran
Concen: 337.984 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 363259
Ion Ratio Lower Upper
42 100
72 39.4 32.8 49.2
71 38.3 30.6 45.8

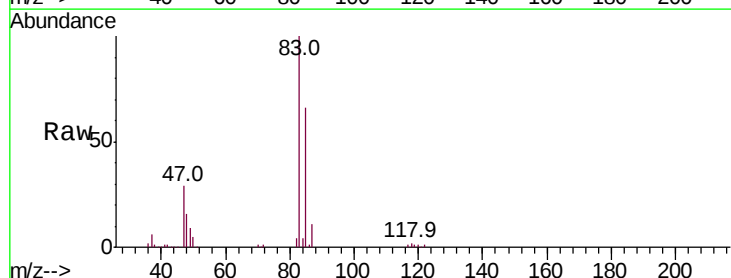


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

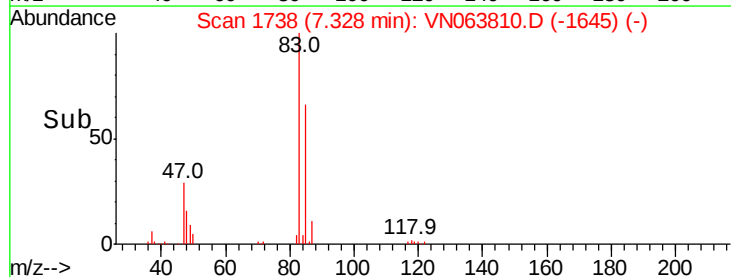
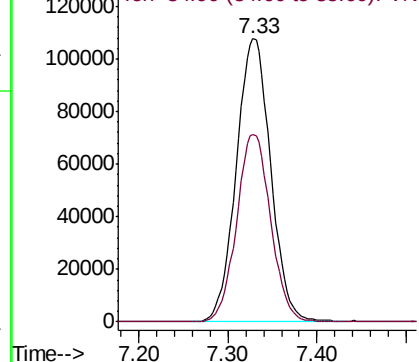


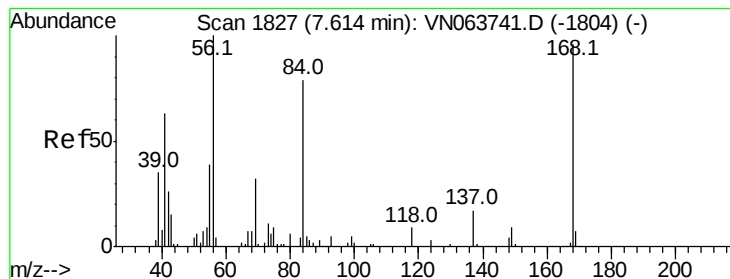
#30
Chloroform
Concen: 56.512 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 83 Resp: 288214
Ion Ratio Lower Upper
83 100
85 66.2 54.6 82.0



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





#31

Cyclohexane

Concen: 42.465 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

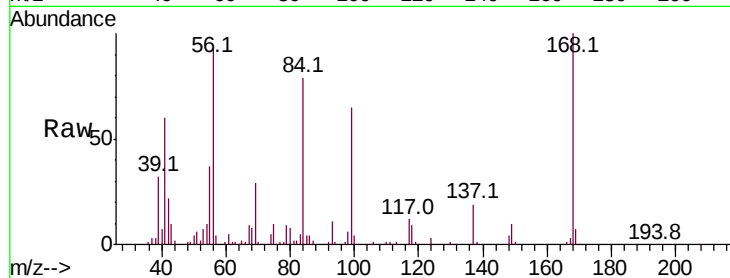
Tot Ion: 56 Resp: 181020

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

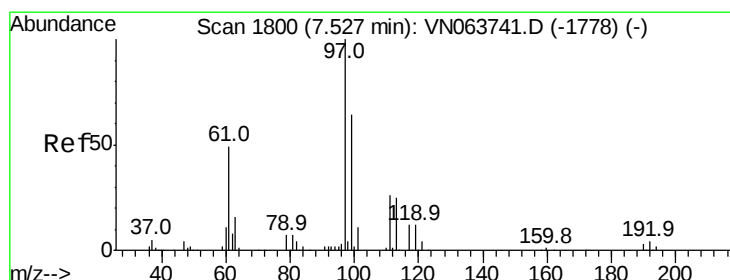
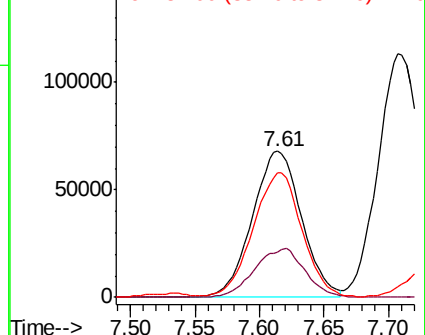
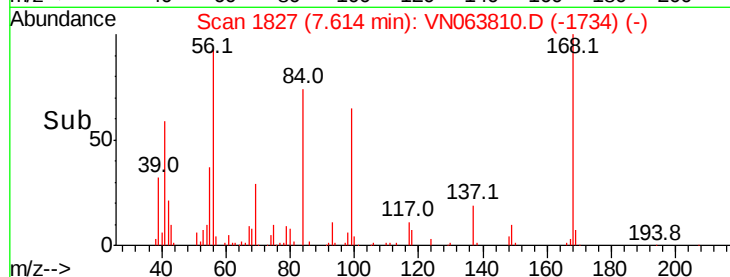
84 83.6 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063810.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063810.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063810.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 53.206 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

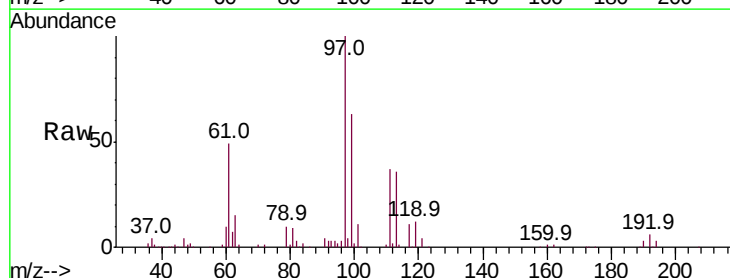
Tgt Ion: 97 Resp: 244755

Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.6

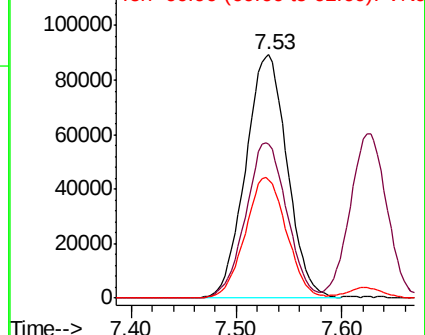
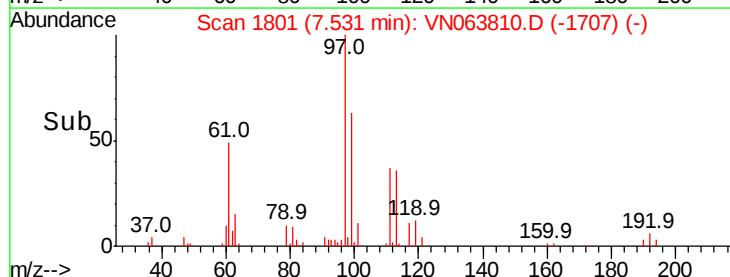
61 49.3 38.7 58.1

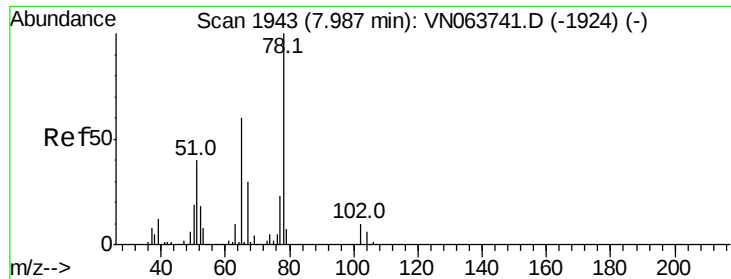


Abundance Ion 96.90 (96.60 to 97.60): VN063810.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063810.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063810.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 58.430 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

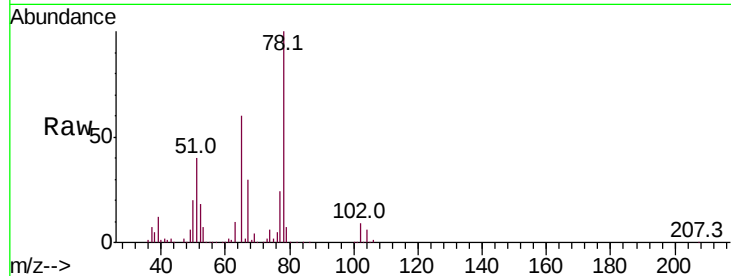
VSTDCCC050EC

Tot Ion: 65 Resp: 214544

Ion Ratio Lower Upper

65 100

67 49.4 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

60000

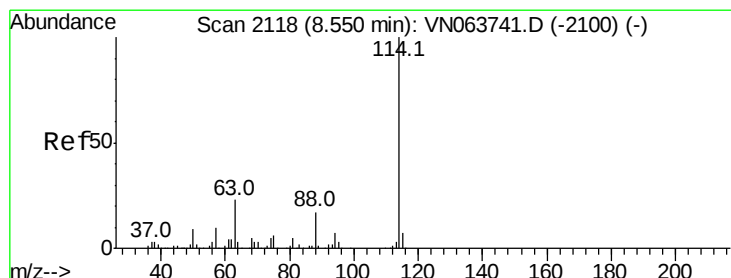
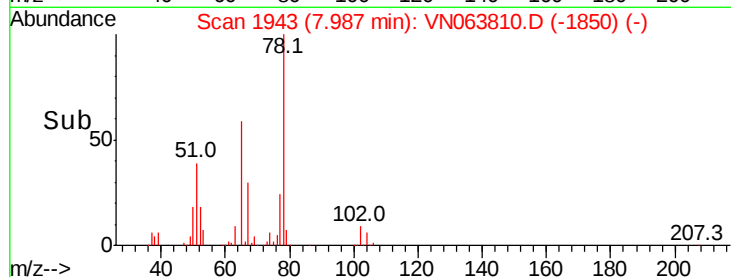
40000

20000

0

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

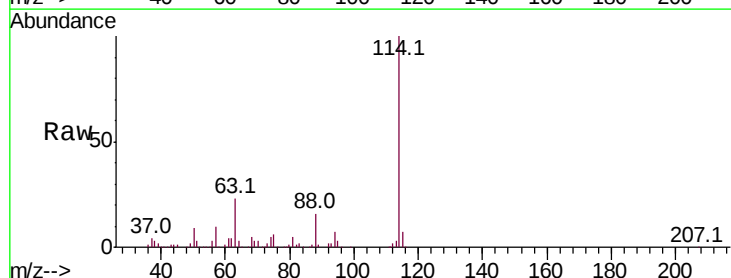
Tgt Ion: 114 Resp: 389552

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 16.1 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

250000

200000

150000

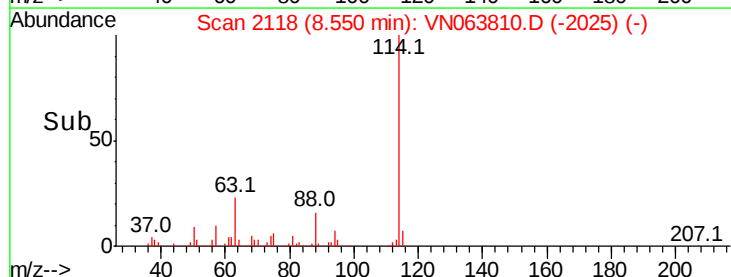
100000

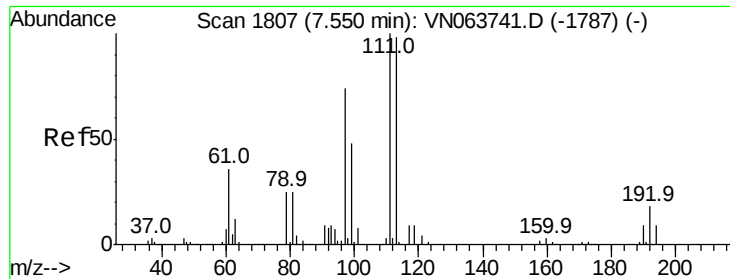
50000

0

Time-->

8.50 8.55 8.60





#35

Dibromofluoromethane

Concen: 54.722 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

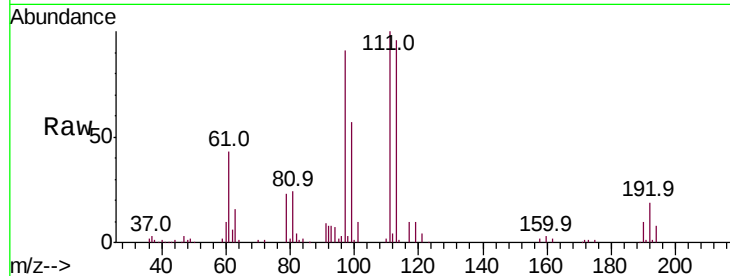
Tot Ion:113 Resp: 147915

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

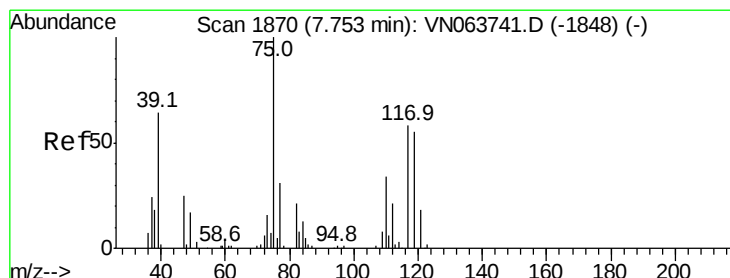
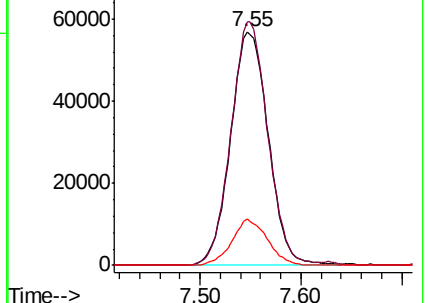
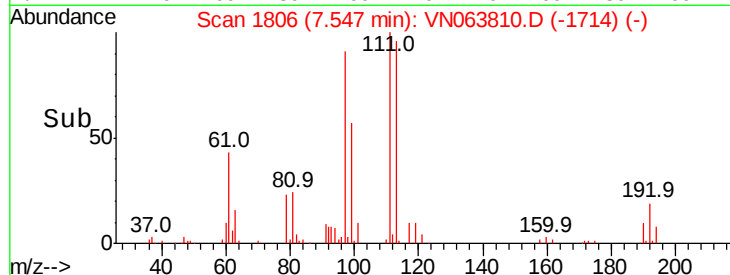
192 18.7 14.2 21.2



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: 45.514 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

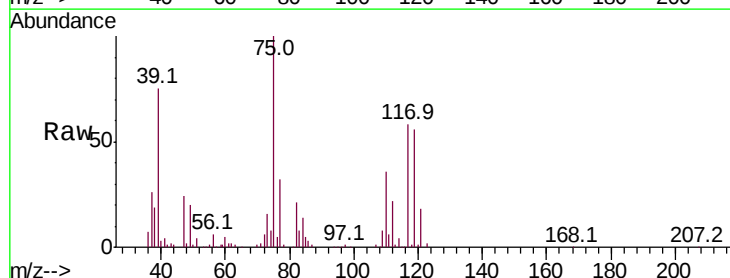
Tgt Ion: 75 Resp: 179622

Ion Ratio Lower Upper

75 100

110 34.2 16.9 50.6

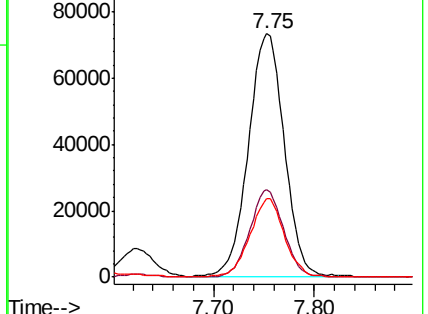
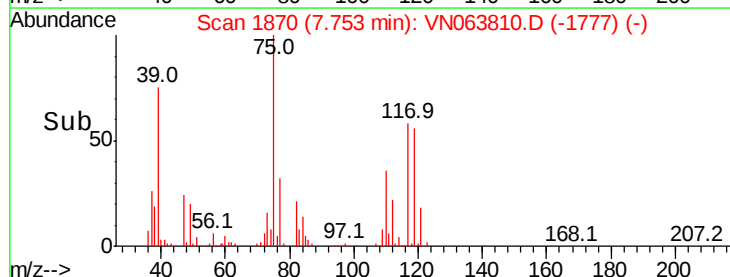
77 31.3 24.5 36.7

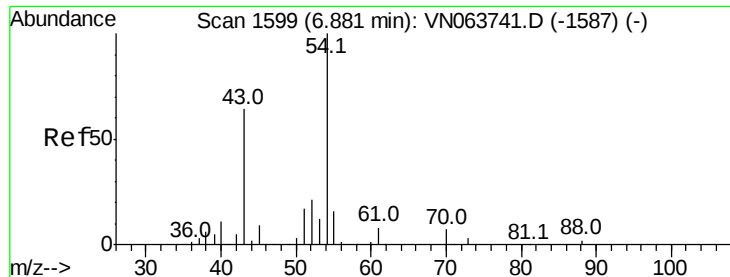


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

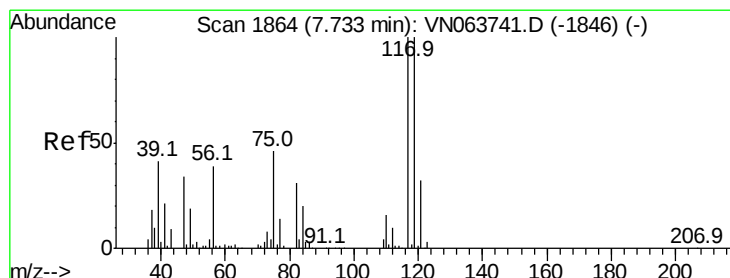
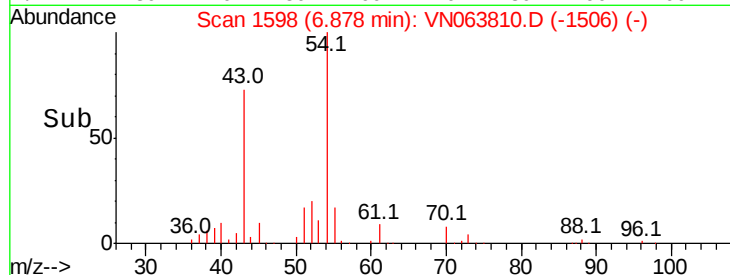
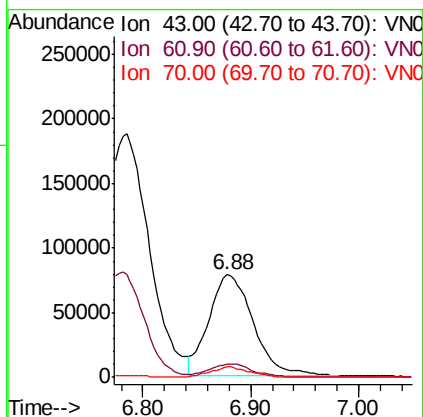
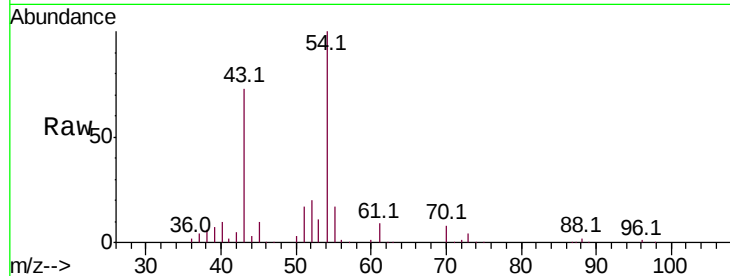




#37
Ethyl Acetate
Concen: 57.481 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

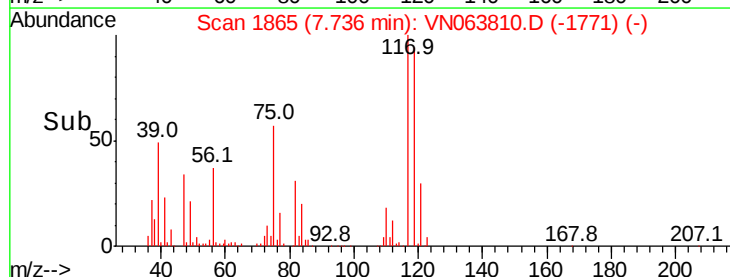
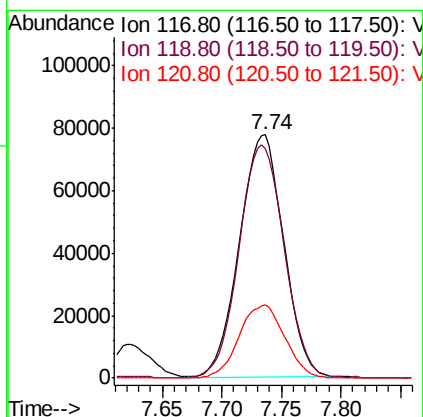
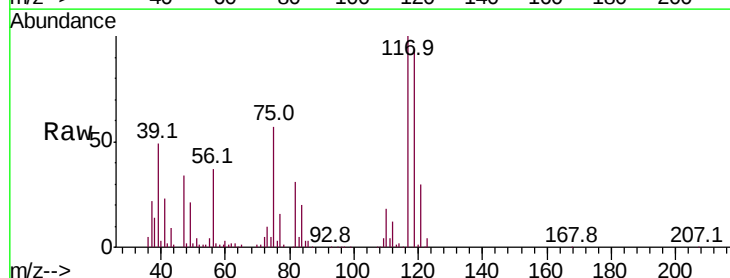
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

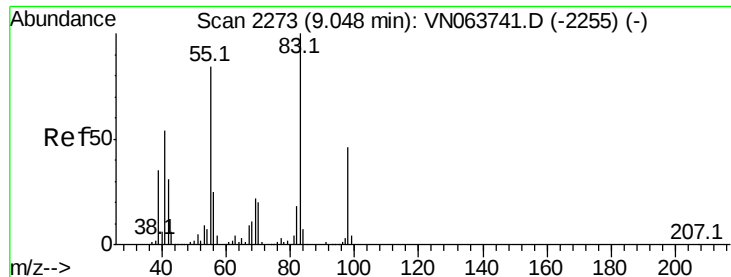
Tot Ion: 43 Resp: 225378
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 9.4 7.3 10.9



#38
Carbon Tetrachloride
Concen: 45.129 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 117 Resp: 199717
Ion Ratio Lower Upper
117 100
119 94.7 80.1 120.1
121 30.2 25.7 38.5

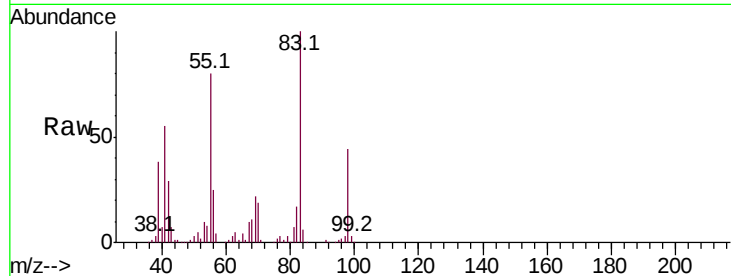




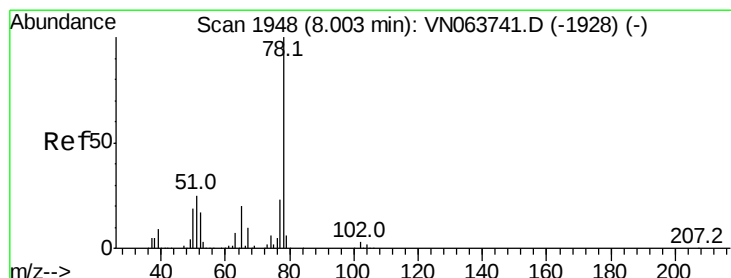
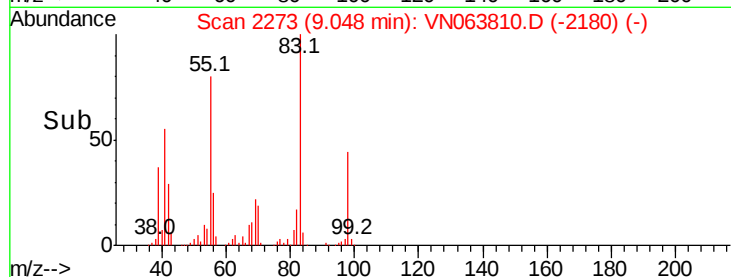
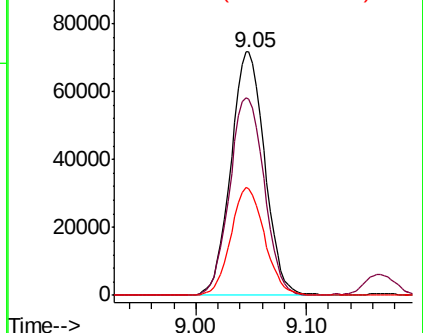
#39
Methvlcvclohexane
Concen: 38.745 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 152484
Ion Ratio Lower Upper
83 100
55 80.5 67.1 100.7
98 43.8 36.6 54.8

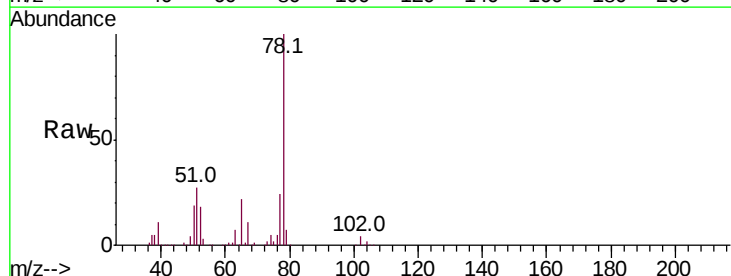


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

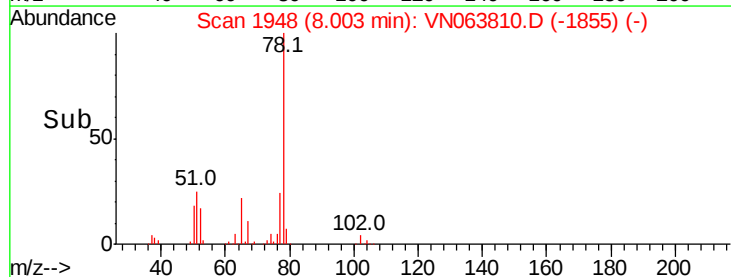
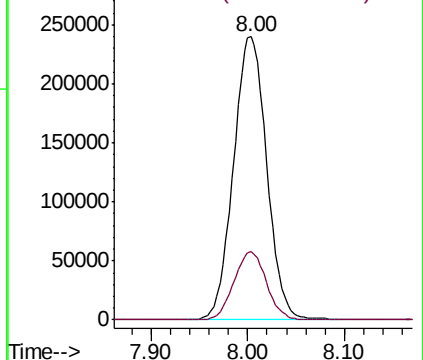


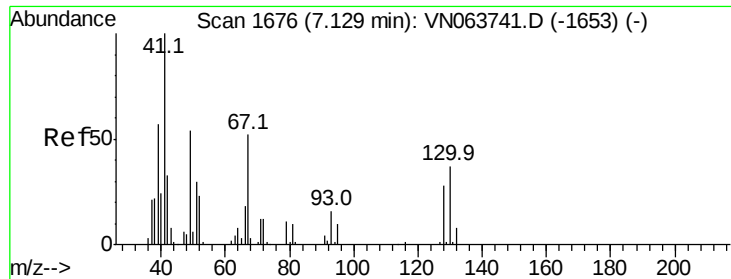
#40
Benzene
Concen: 50.801 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 78 Resp: 572641
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

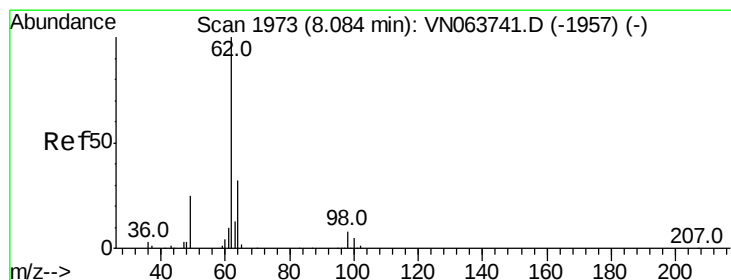
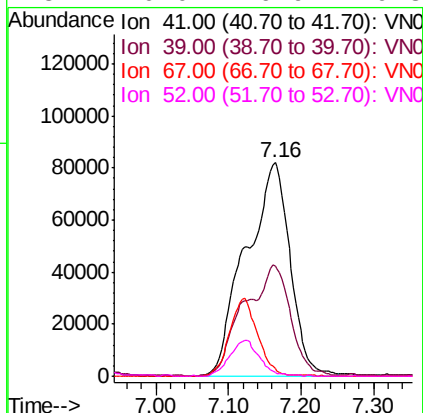
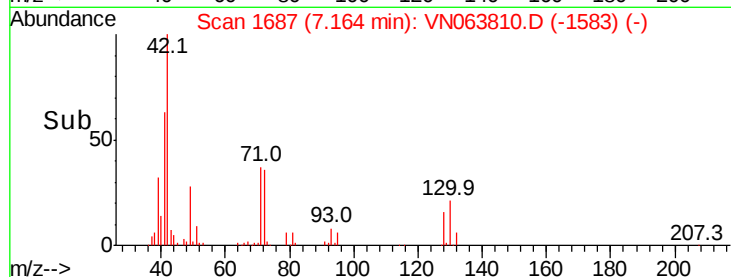
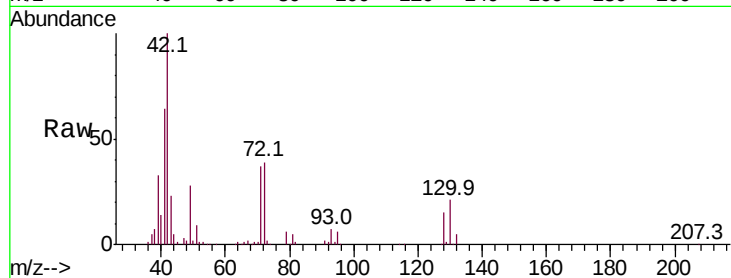




#41
Methacrylonitrile
Concen: 199.920 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

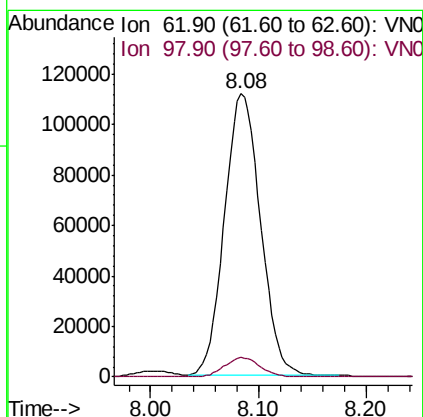
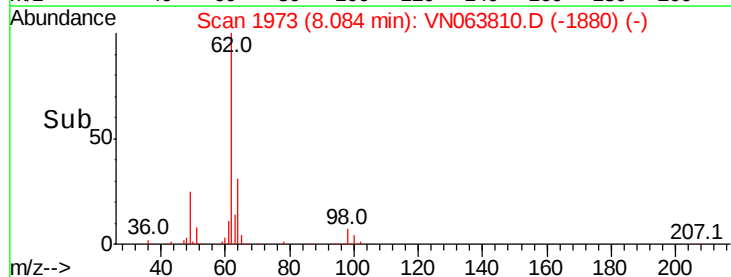
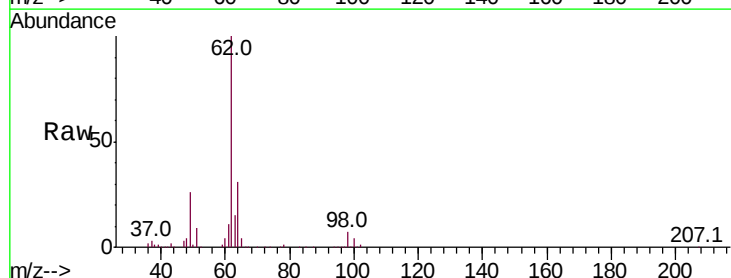
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

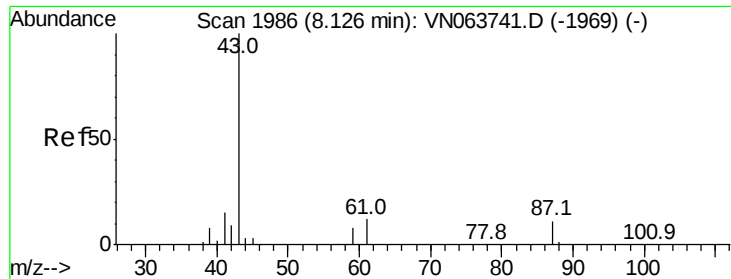
Tot Ion: 41 Resp: 348385
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 54.163 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 62 Resp: 260618
Ion Ratio Lower Upper
62 100
98 6.8 0.0 15.0





#43

Isopropyl Acetate

Concen: 59.393 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

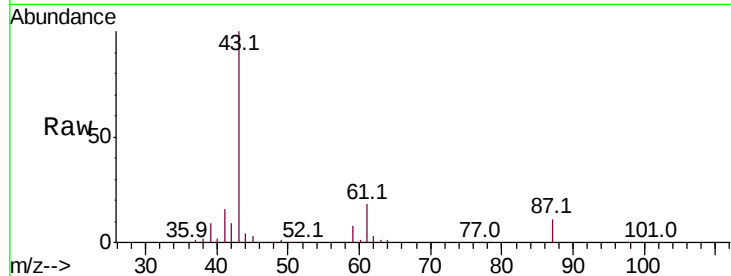
Tot Ion: 43 Resp: 384122

Ion Ratio Lower Upper

43 100

61 17.5 14.2 21.4

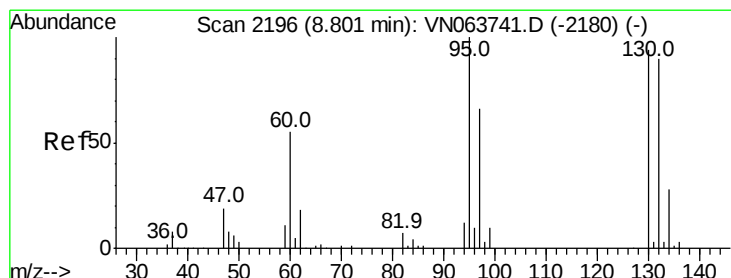
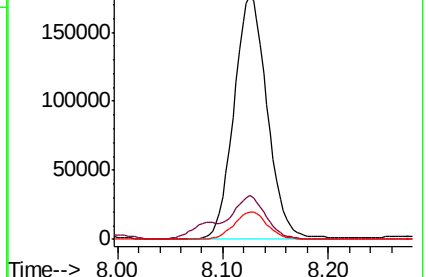
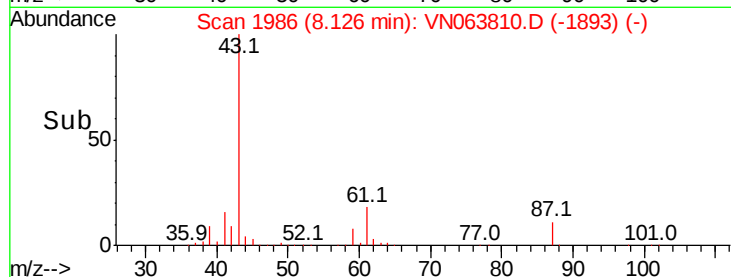
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063810.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063810.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063810.D (-1893) (-)



#44

Trichloroethene

Concen: 46.387 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063810.D

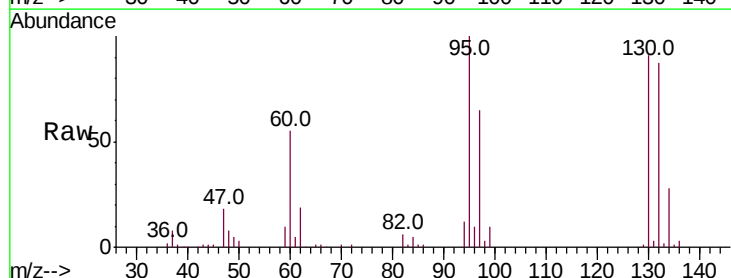
Acq: 2 Oct 2020 7:44

Tgt Ion:130 Resp: 137005

Ion Ratio Lower Upper

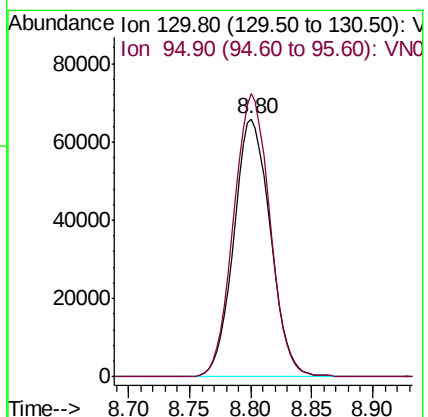
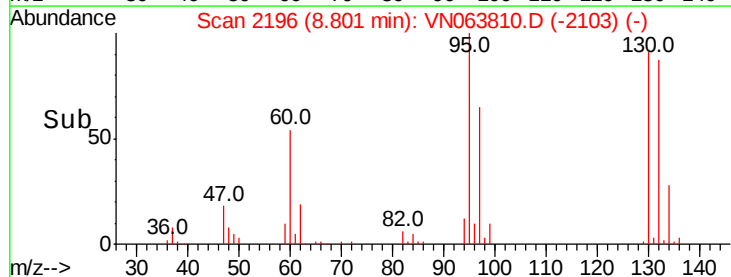
130 100

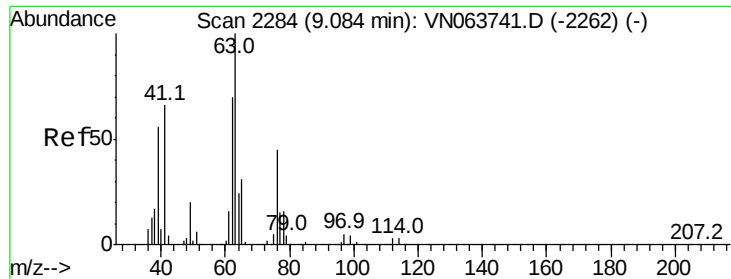
95 109.8 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063810.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063810.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 52.883 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

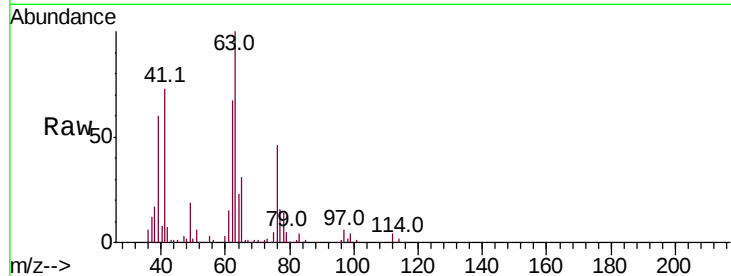
VSTDCCC050EC

Tot Ion: 63 Resp: 160991

Ion Ratio Lower Upper

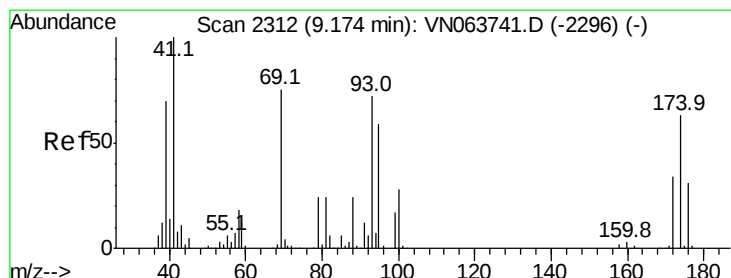
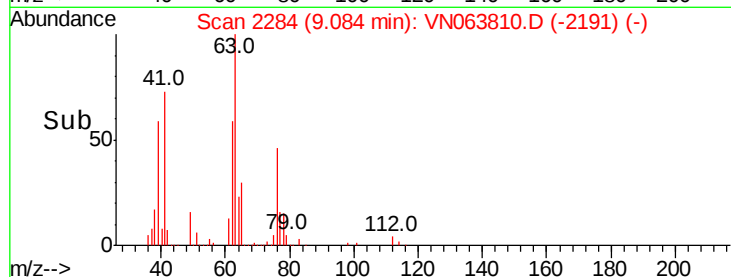
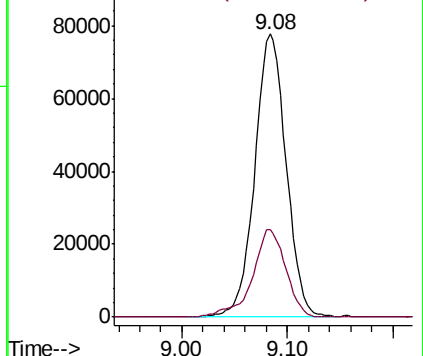
63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 54.626 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

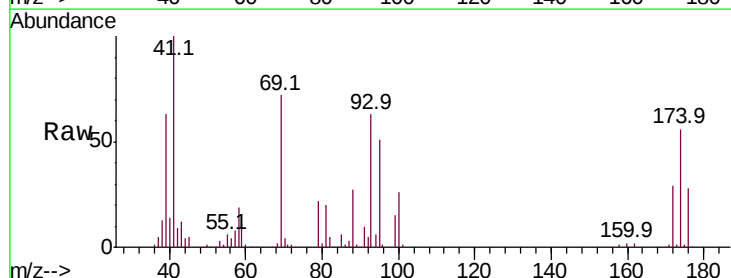
Tgt Ion: 93 Resp: 114721

Ion Ratio Lower Upper

93 100

95 82.2 66.3 99.5

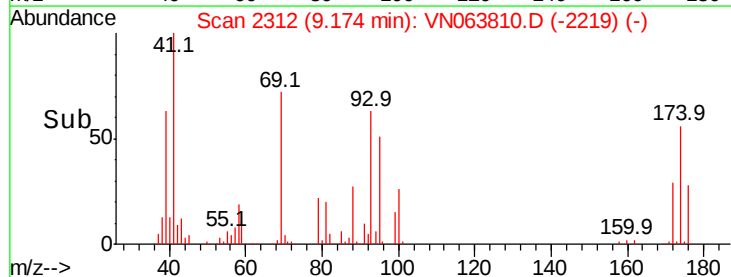
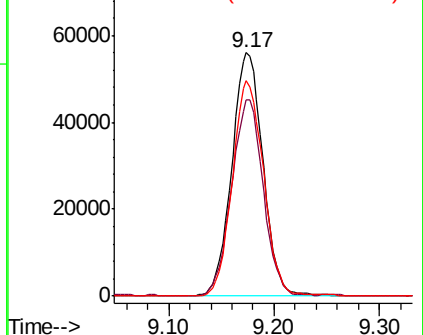
174 88.4 72.7 109.1

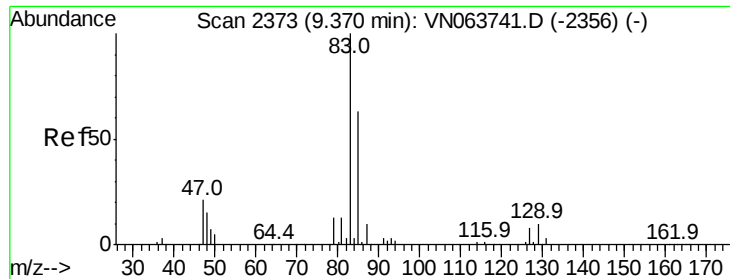


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

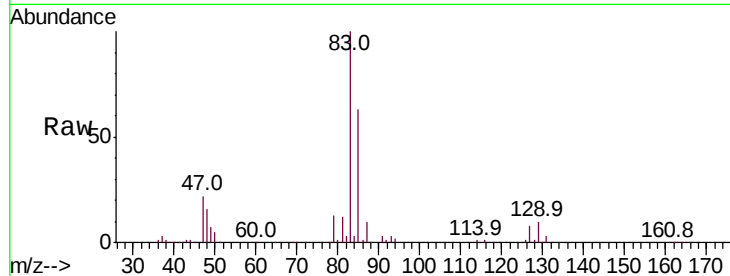




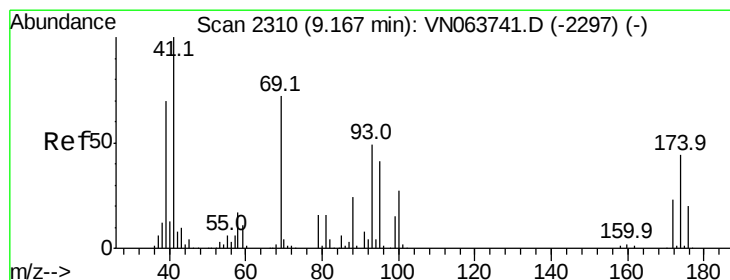
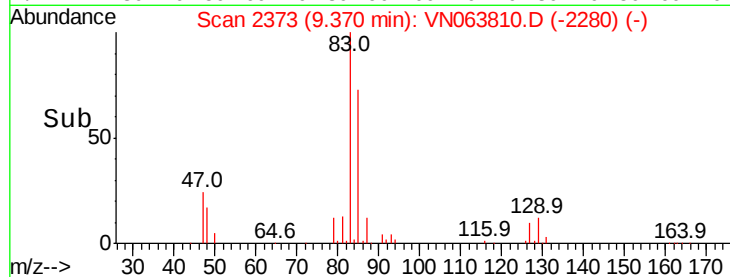
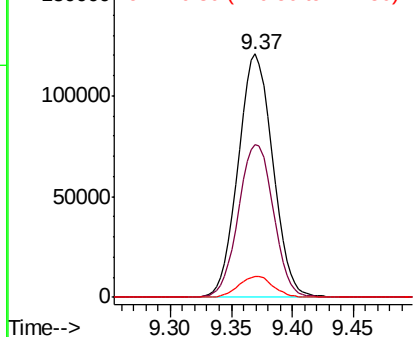
#47
Bromodichloromethane
Concen: 54.856 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 237429
Ion Ratio Lower Upper
83 100
85 62.9 50.6 75.8
127 8.5 6.6 9.8

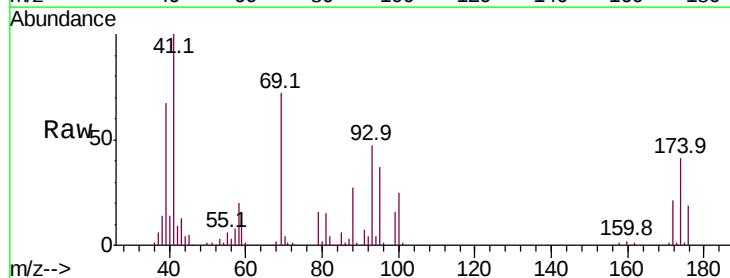


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

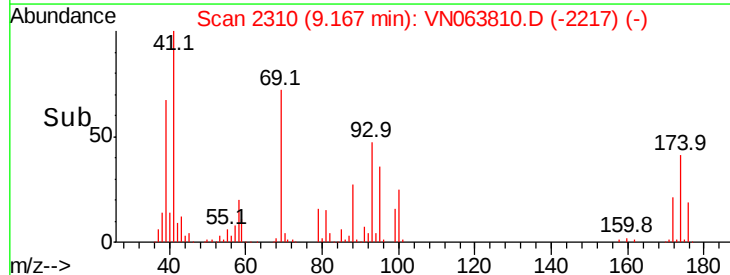
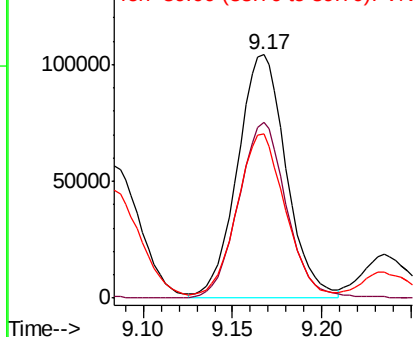


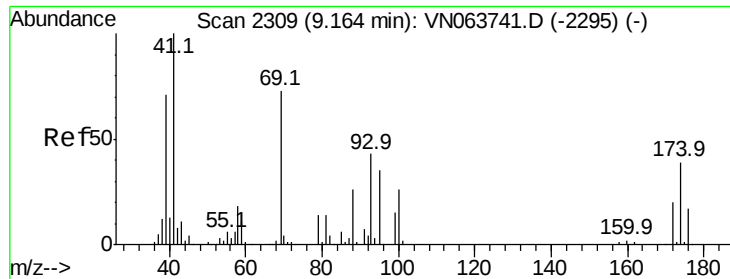
#48
Methyl methacrylate
Concen: 62.117 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 41 Resp: 198482
Ion Ratio Lower Upper
41 100
69 71.5 60.9 91.3
39 67.2 57.5 86.3



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





#49

1,4-Dioxane

Concen: 1303.849 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

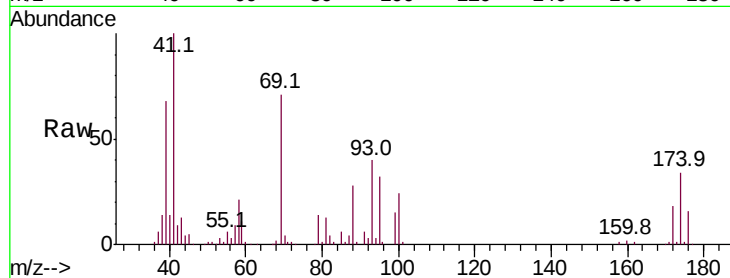
Tot Ion: 88 Resp: 59211

Ion Ratio Lower Upper

88 100

43 40.5 33.1 49.7

58 73.2 58.9 88.3

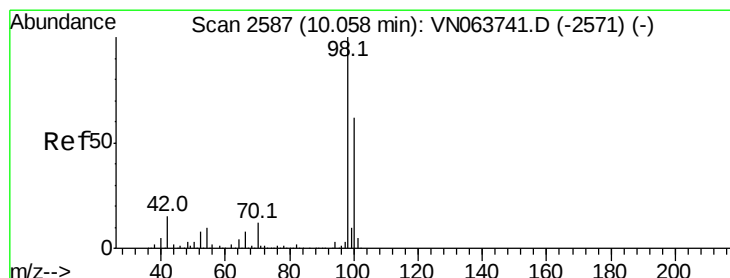
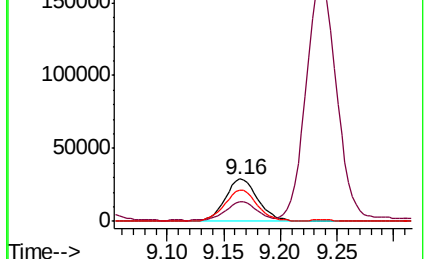
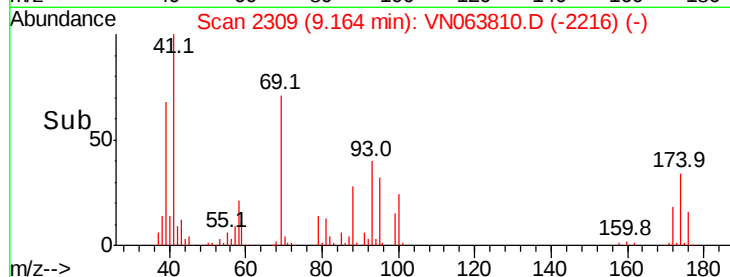


Abundance Ion 88.00 (87.70 to 88.70): VN063810.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063810.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063810.D (-2216) (-)

Time-->



#50

Toluene-d8

Concen: 49.190 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063810.D

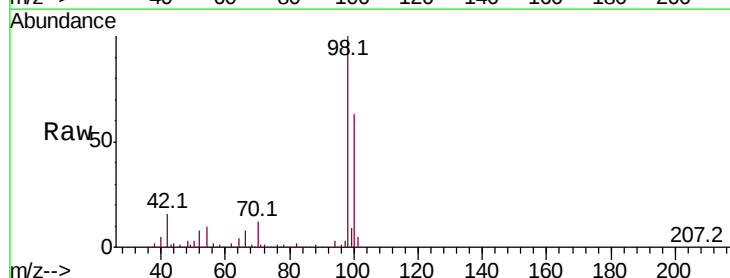
Acq: 2 Oct 2020 7:44

Tgt Ion: 98 Resp: 504046

Ion Ratio Lower Upper

98 100

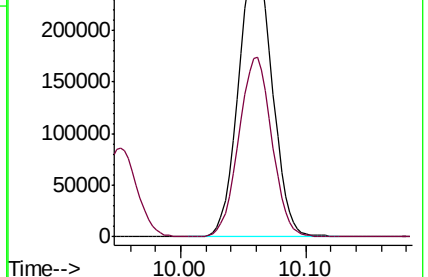
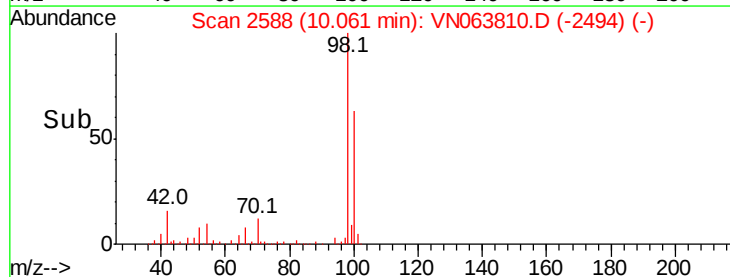
100 62.9 49.8 74.6

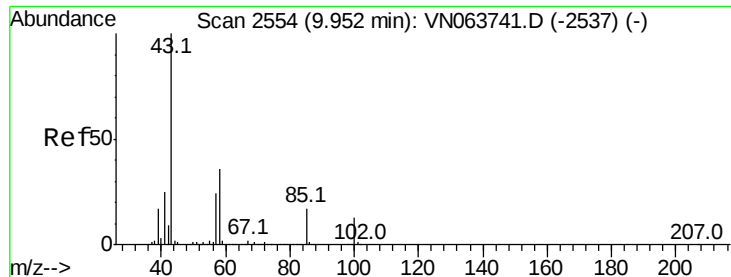


Abundance Ion 98.00 (97.70 to 98.70): VN063810.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063810.D (-2494) (-)

Time-->





#51

4-Methyl-2-Pentanone

Concen: 319.746 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

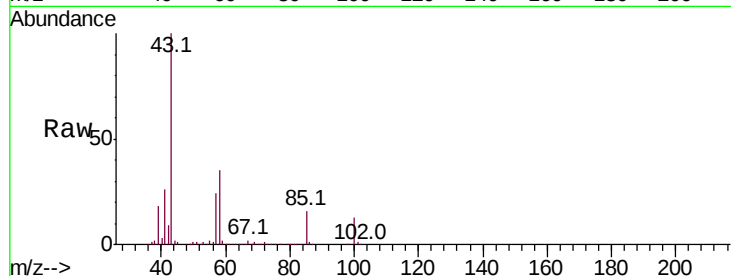
VSTDCCC050EC

Tot Ion: 43 Resp: 1213559

Ion Ratio Lower Upper

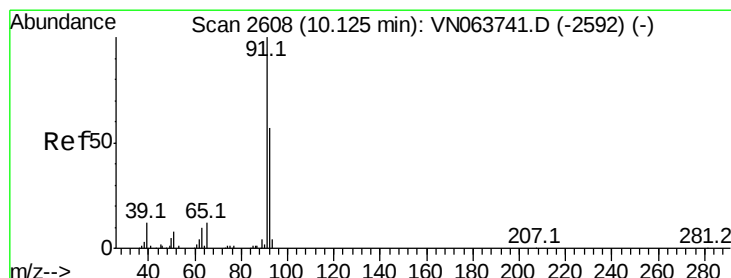
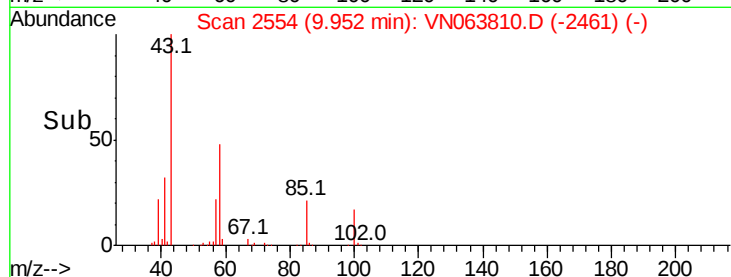
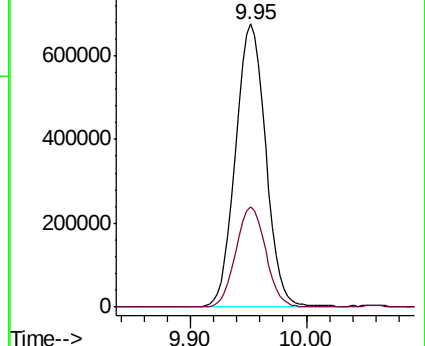
43 100

58 35.2 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063810.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN063810.D (-2461) (-)



#52

Toluene

Concen: 50.063 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063810.D

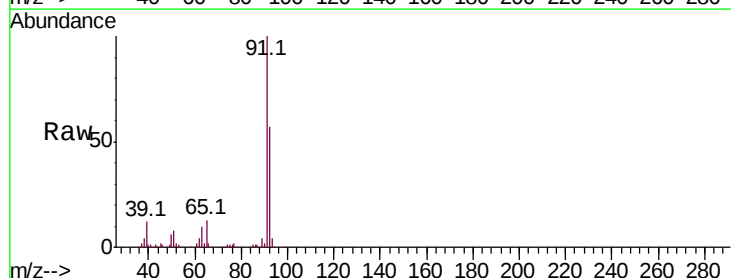
Acq: 2 Oct 2020 7:44

Tgt Ion: 92 Resp: 349059

Ion Ratio Lower Upper

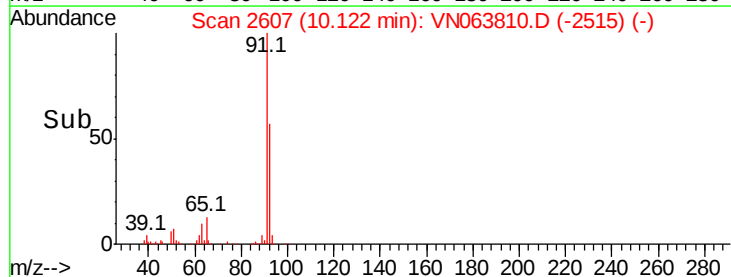
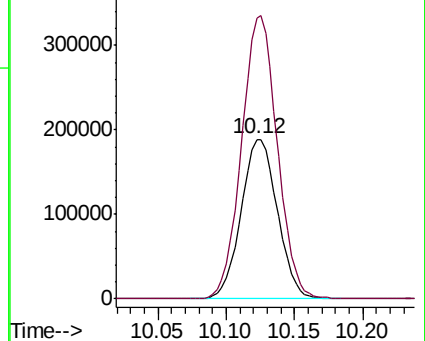
92 100

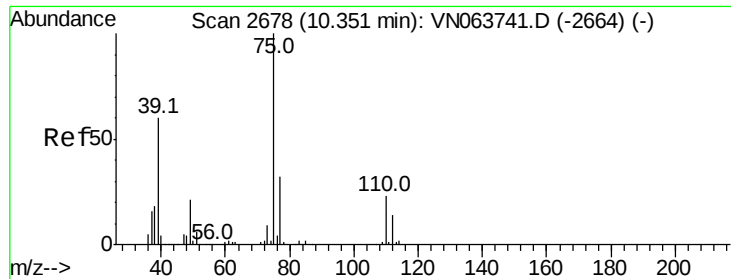
91 174.9 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063810.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN063810.D (-2515) (-)

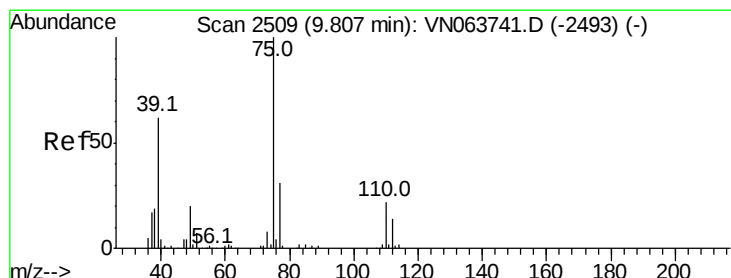
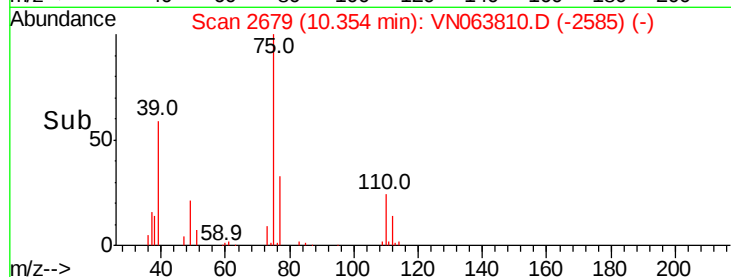
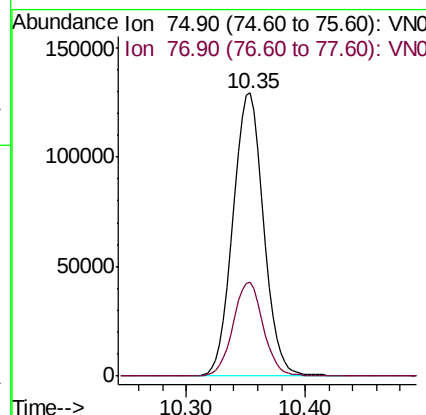
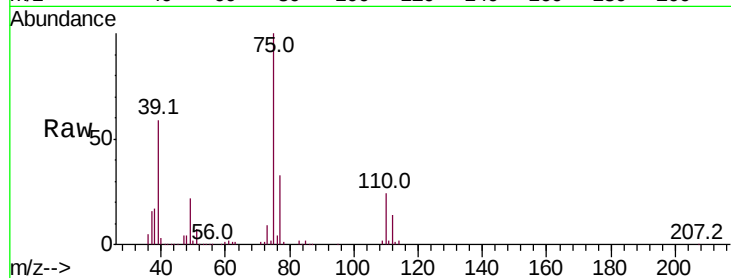




#53
 t-1,3-Dichloropropene
 Concen: 49.888 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

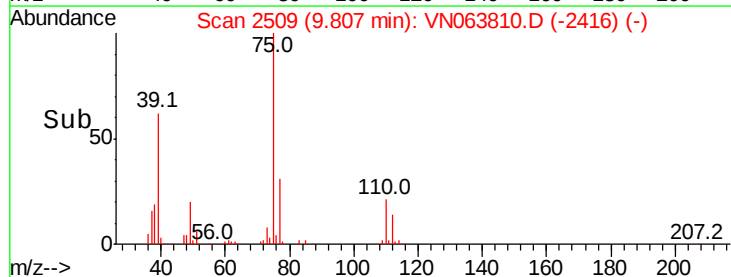
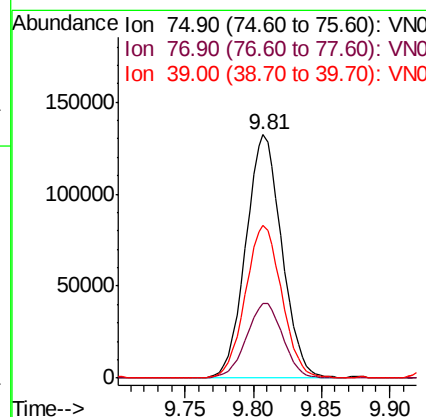
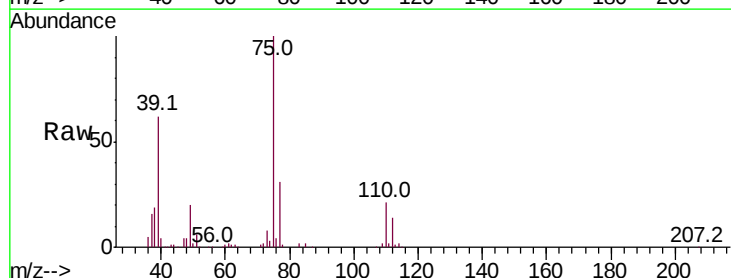
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

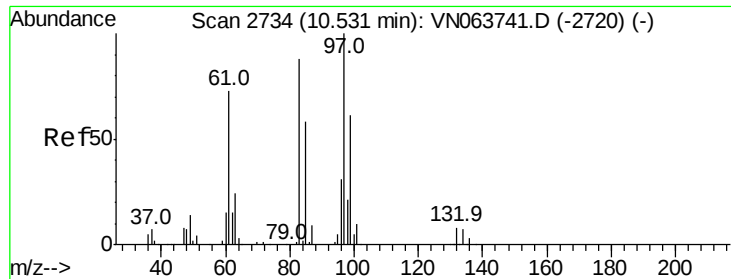
Tot Ion: 75 Resp: 231459
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.934 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion: 75 Resp: 242286
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 36.8
 39 62.3 49.7 74.5

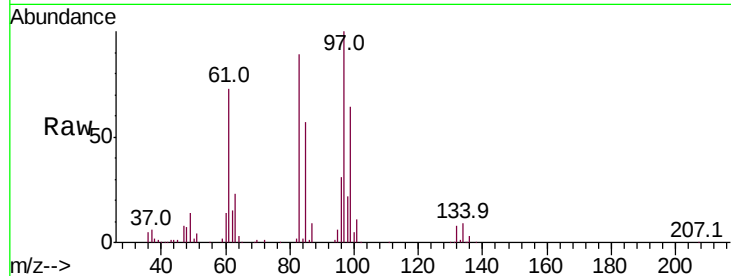




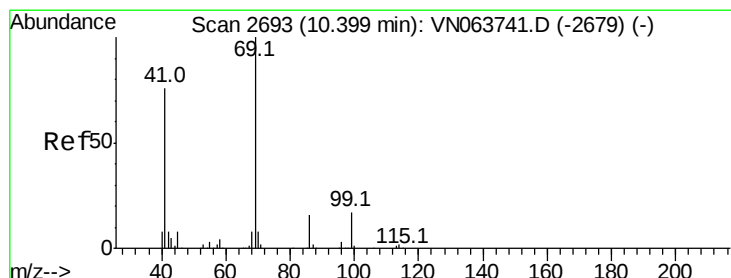
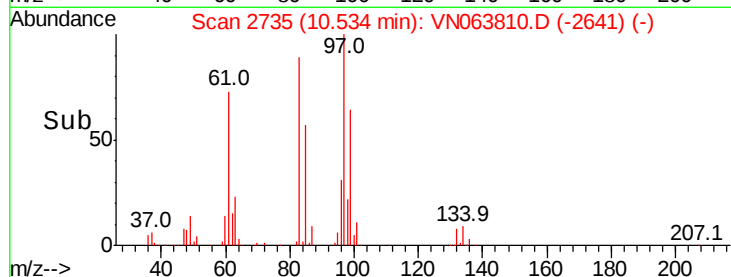
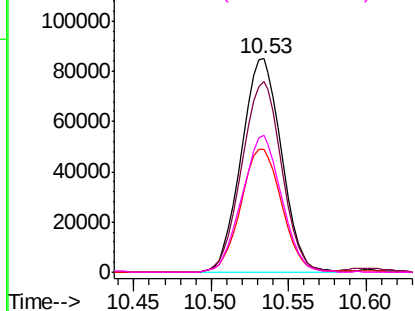
#55
 1,1,2-Trichloroethane
 Concen: 55.021 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 153845
 Ion Ratio Lower Upper
 97 100
 83 89.3 70.7 106.1
 85 57.3 46.1 69.1
 99 64.1 48.8 73.2

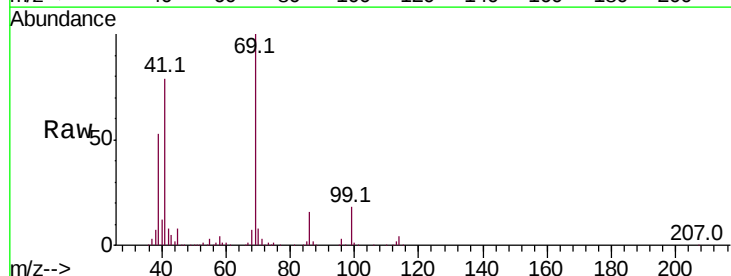


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

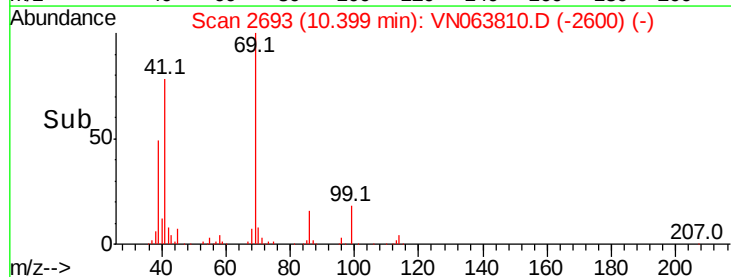
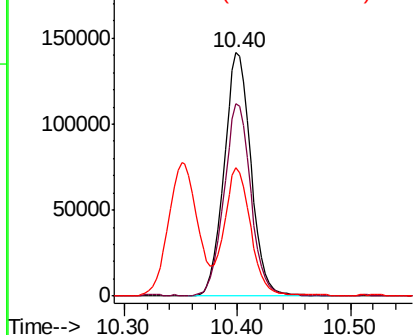


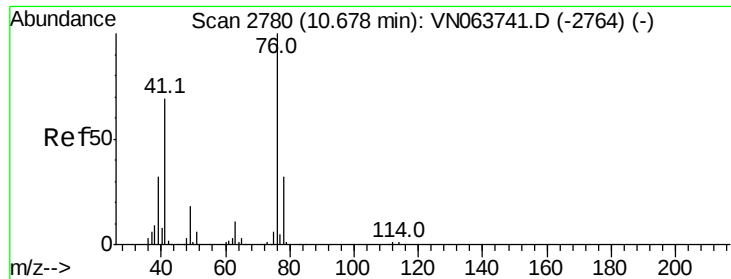
#56
 Ethyl methacrylate
 Concen: 59.123 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion: 69 Resp: 234330
 Ion Ratio Lower Upper
 69 100
 41 78.1 61.1 91.7
 39 51.5 42.2 63.4



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 55.734 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

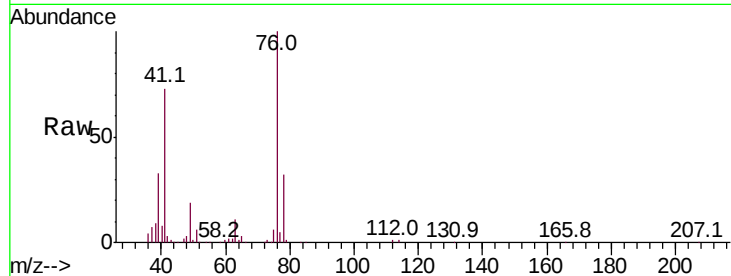
VSTDCCC050EC

Tot Ion: 76 Resp: 263652

Ion Ratio Lower Upper

76 100

78 32.5 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

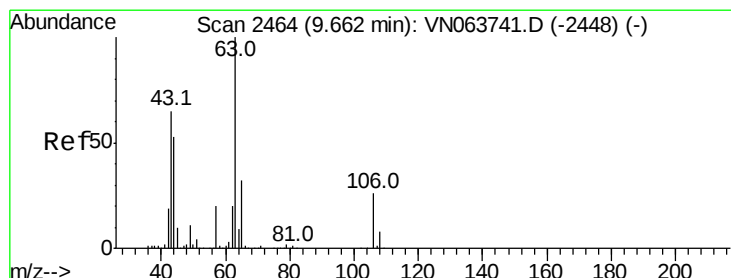
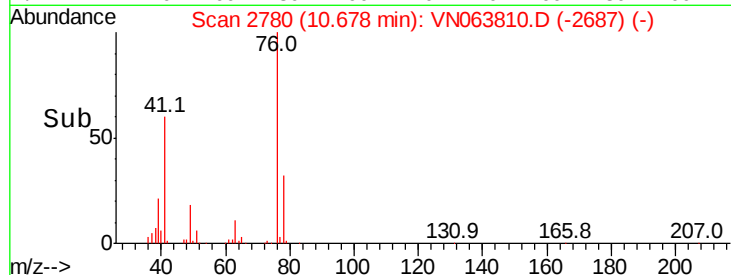
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 295.870 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063810.D

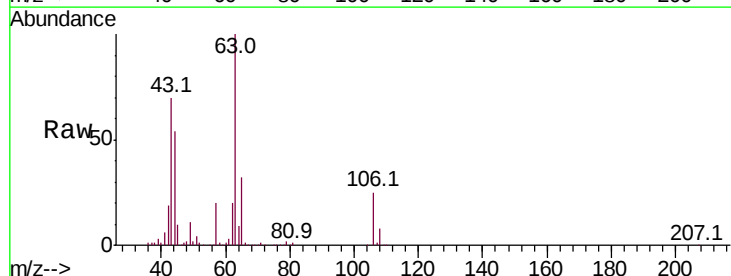
Acq: 2 Oct 2020 7:44

Tgt Ion: 63 Resp: 627266

Ion Ratio Lower Upper

63 100

106 25.8 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

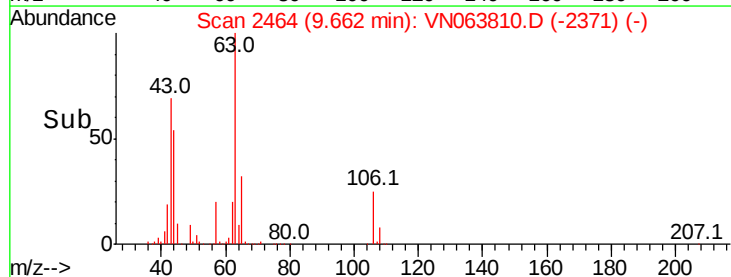
300000

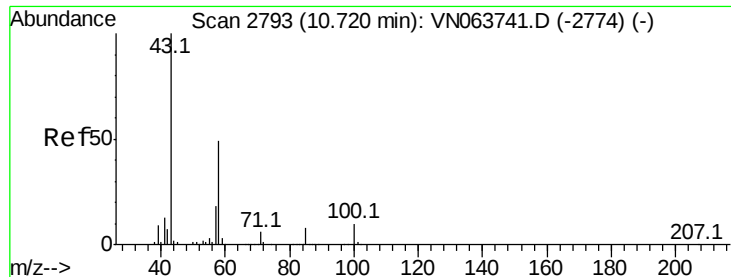
200000

100000

0

Time-->

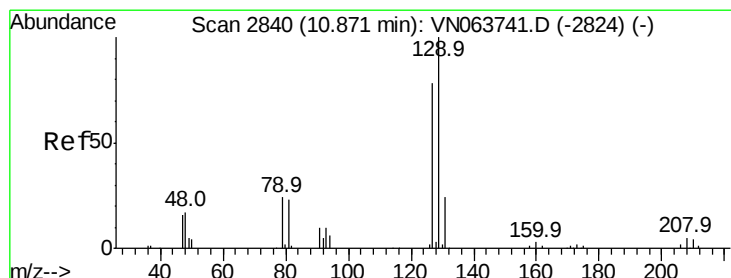
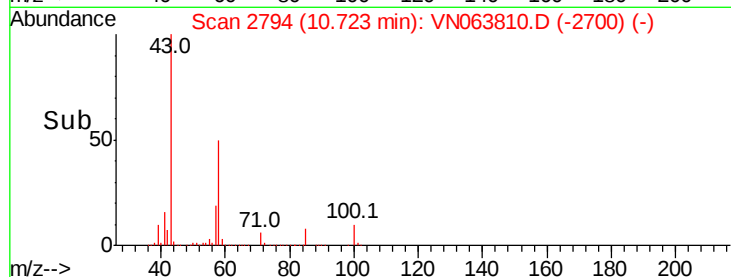
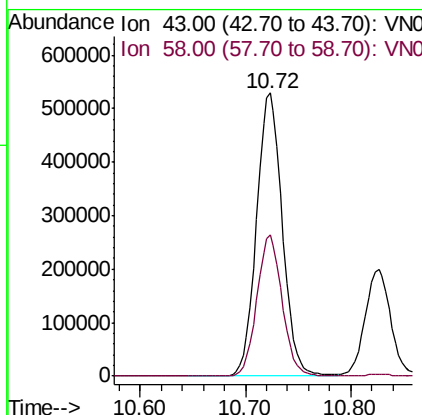
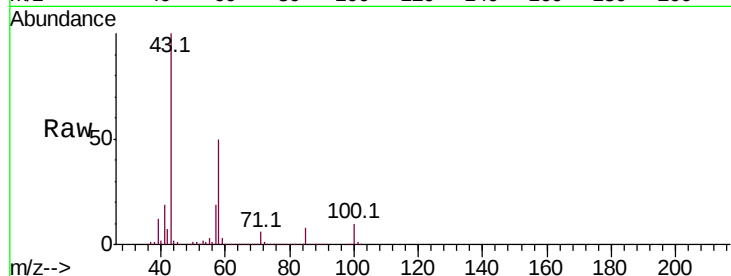




#59
2-Hexanone
Concen: 319.769 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

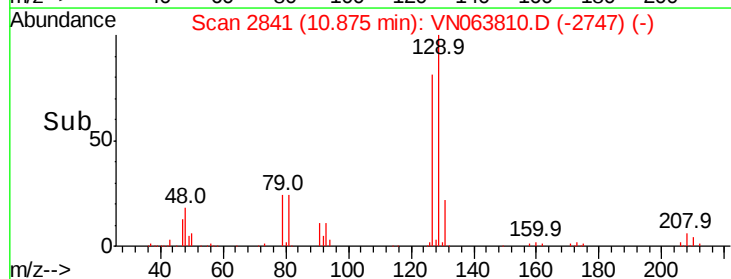
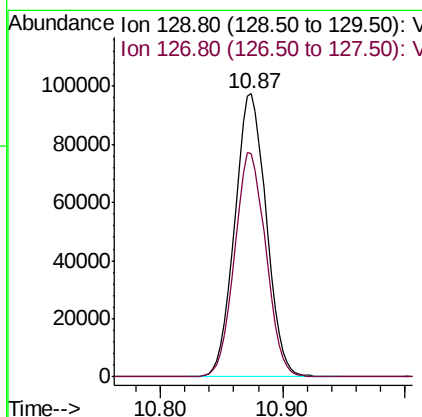
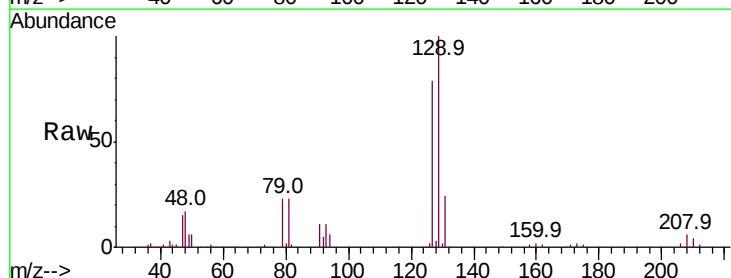
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

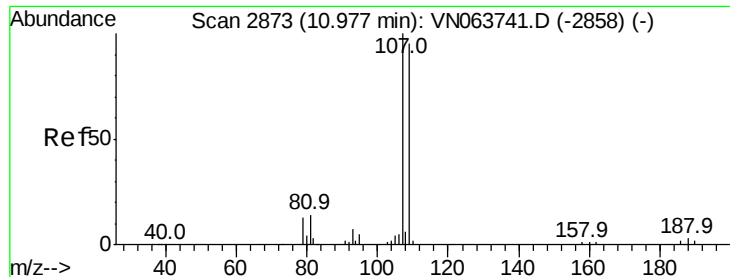
Tot Ion: 43 Resp: 901571
Ion Ratio Lower Upper
43 100
58 48.9 24.6 73.8



#60
Dibromochloromethane
Concen: 53.540 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 129 Resp: 174344
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 56.371 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

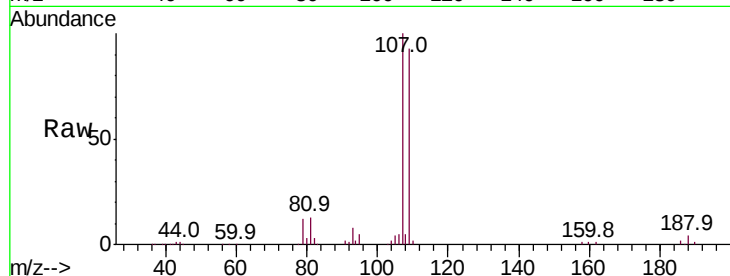
VSTDCCC050EC

Tot Ion:107 Resp: 161236

Ion Ratio Lower Upper

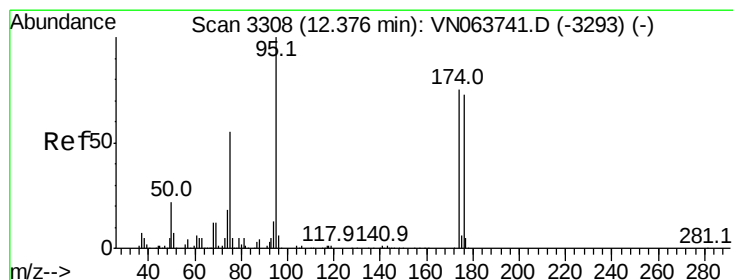
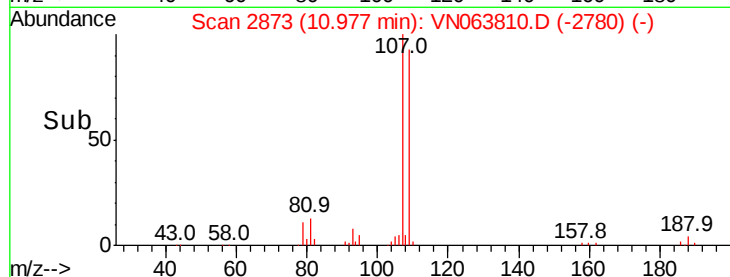
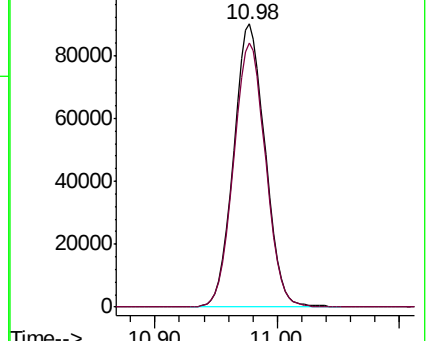
107 100

109 94.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.300 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

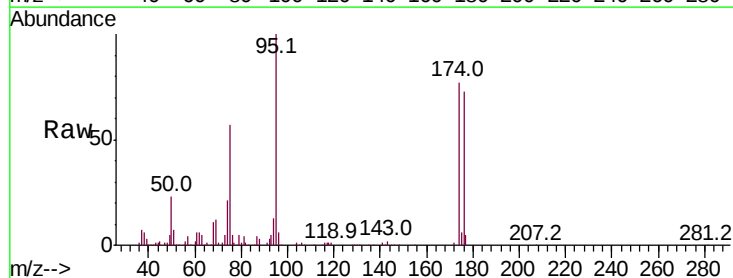
Tgt Ion: 95 Resp: 189897

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

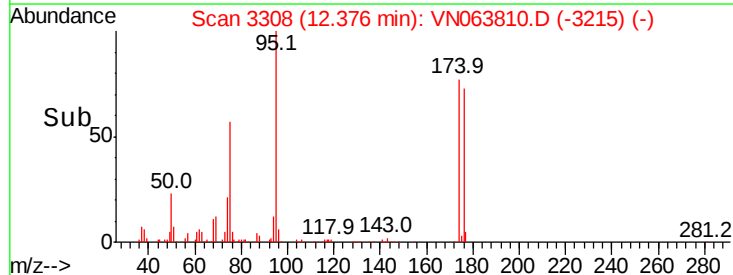
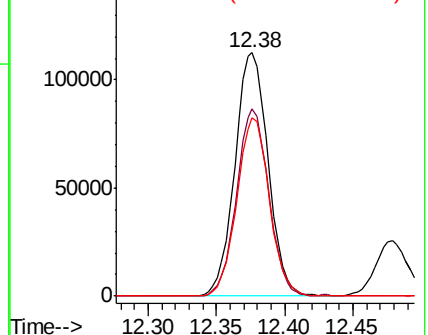
176 71.8 0.0 145.4

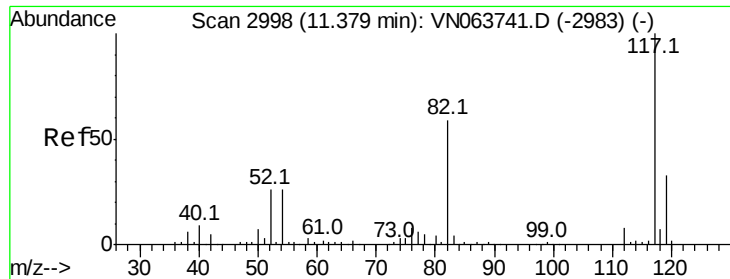


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

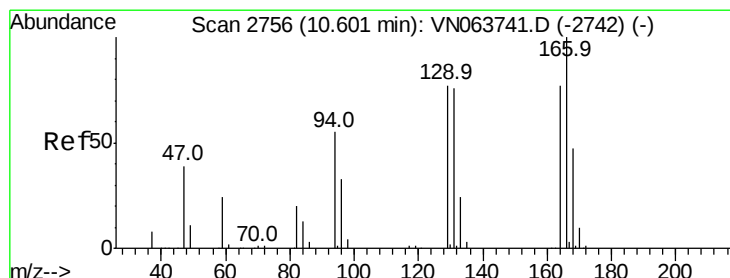
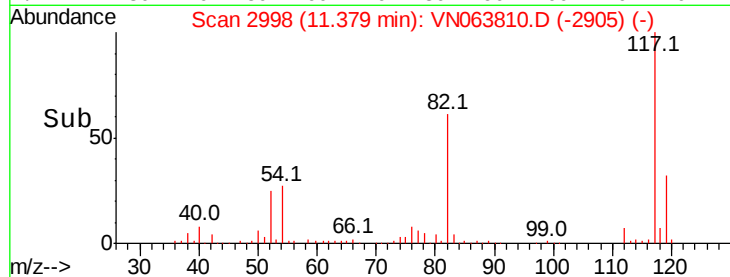
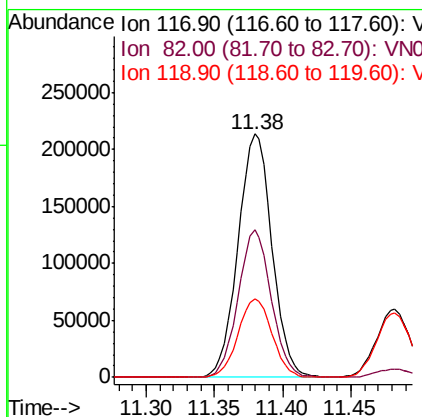
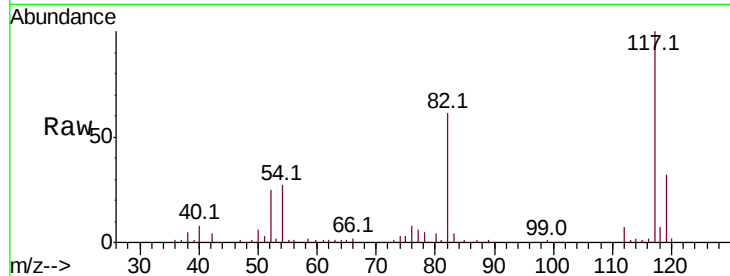




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

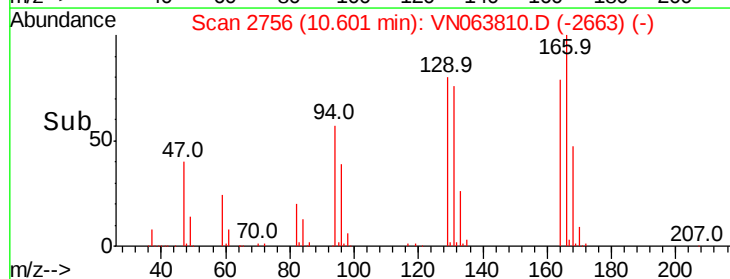
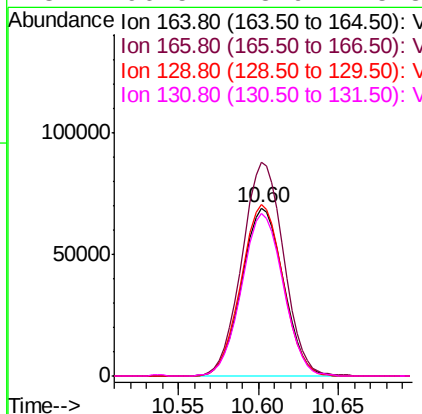
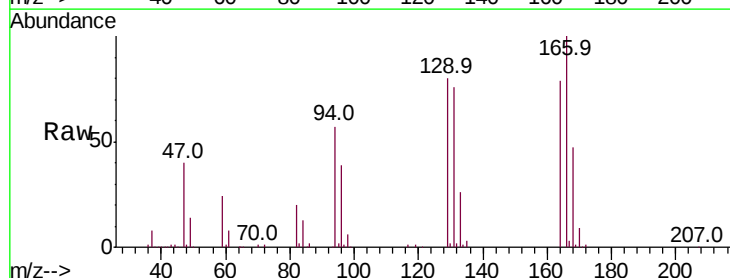
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

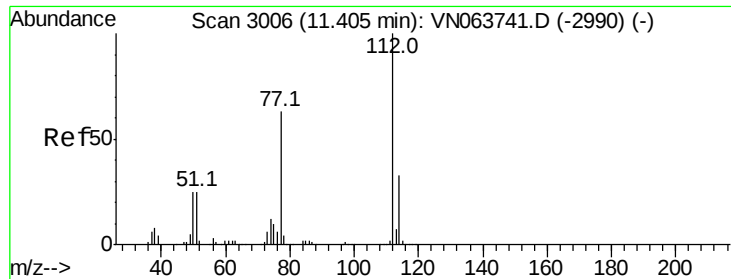
Tot Ion:	117	Resp:	369436
Ion	Ratio	Lower	Upper
117	100		
82	60.5	47.4	71.2
119	32.0	26.4	39.6



#64
 Tetrachloroethene
 Concen: 43.182 ug/l
 RT: 10.60 min Scan# 2756
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion:	164	Resp:	123422
Ion	Ratio	Lower	Upper
164	100		
166	127.1	103.9	155.9
129	102.0	80.3	120.5
131	96.5	78.9	118.3

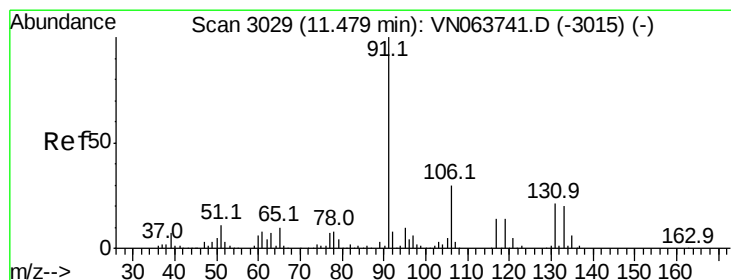
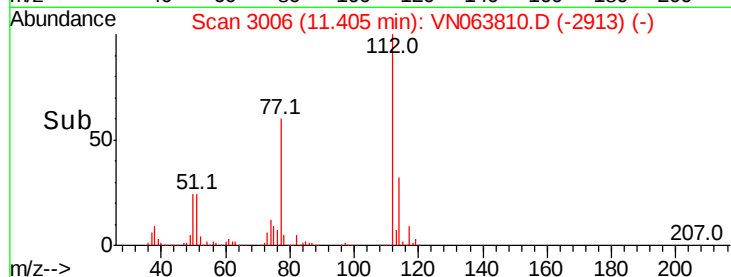
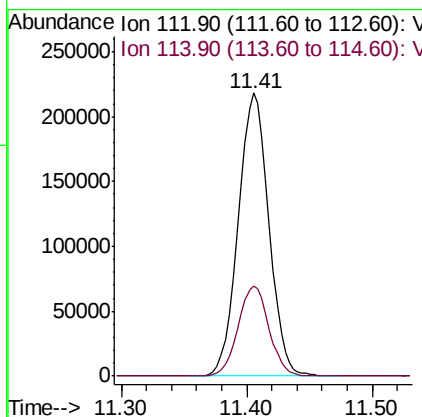
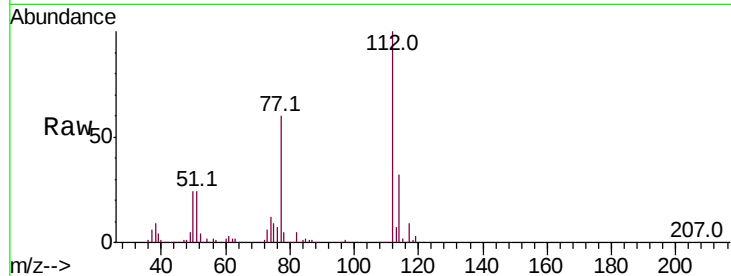




#65
Chlorobenzene
Concen: 48.834 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

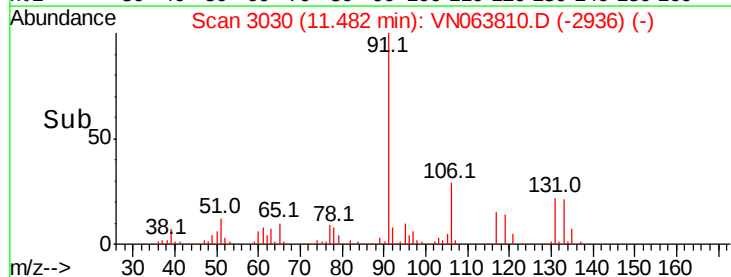
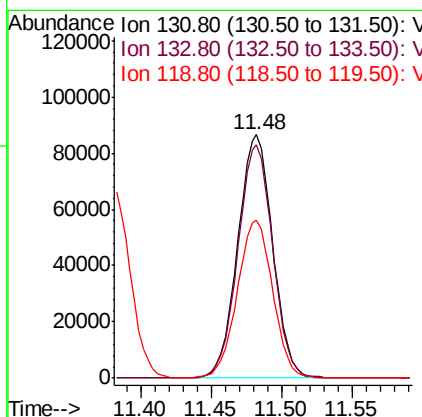
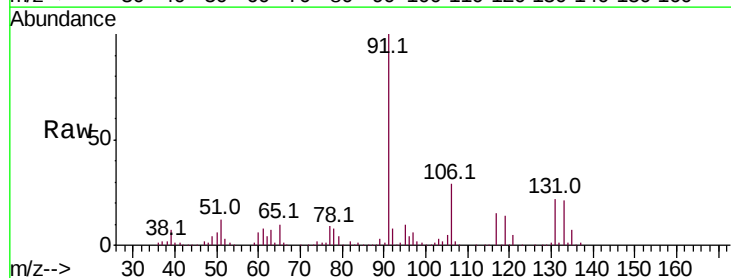
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

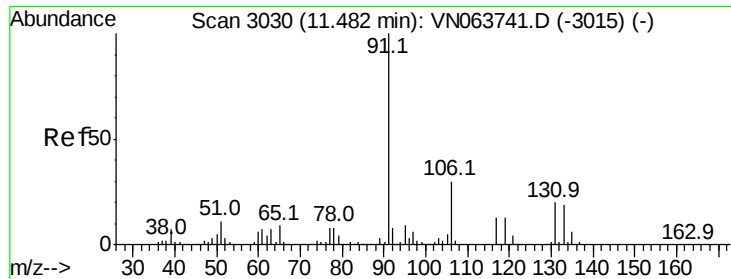
Tot Ion:112 Resp: 370080
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.790 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion:131 Resp: 150465
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.8
119 65.9 32.6 97.7

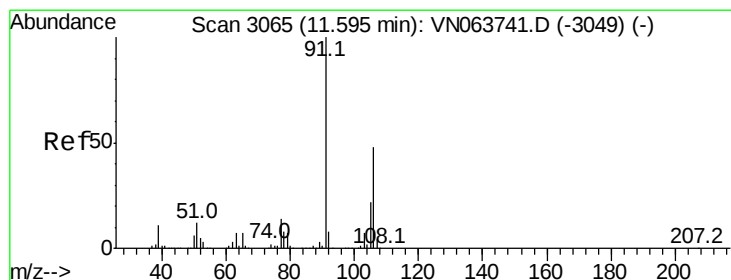
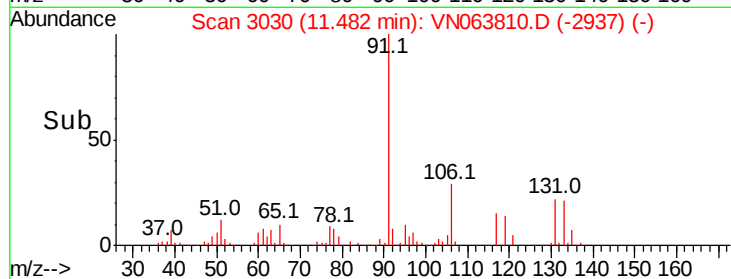
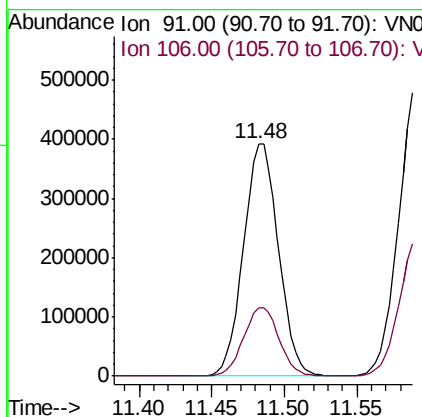
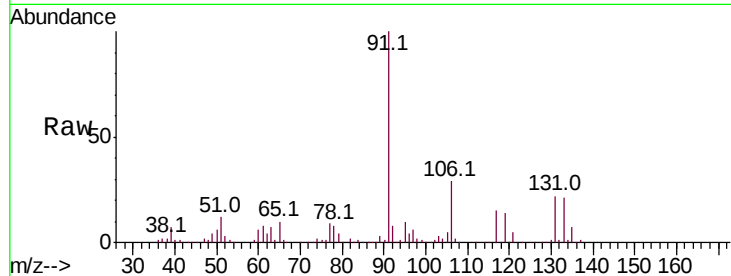




#67
Ethyl Benzene
Concen: 47.859 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

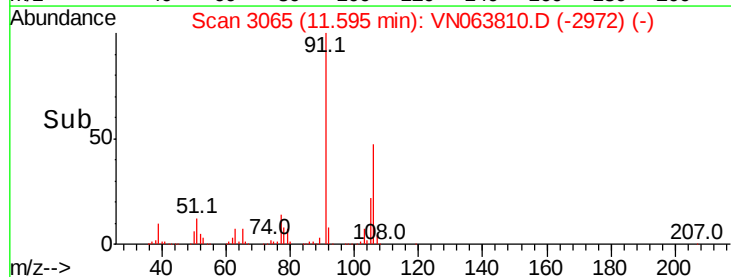
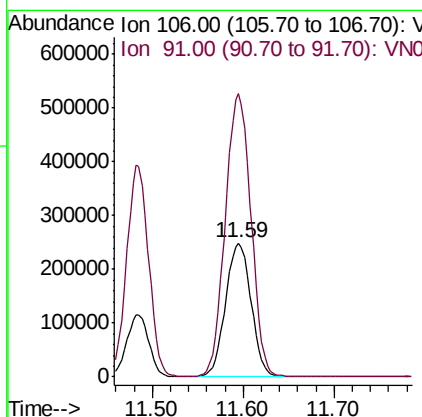
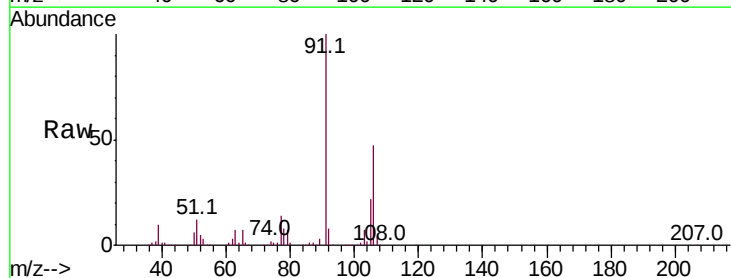
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

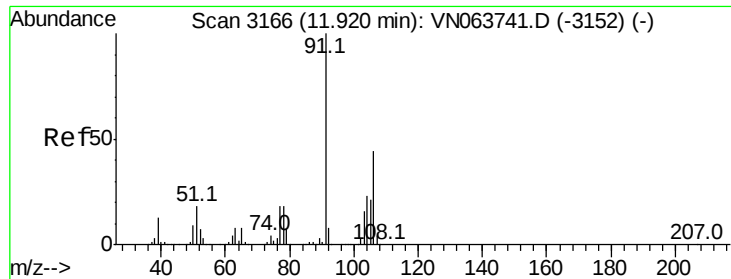
Tot Ion: 91 Resp: 659966
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.2



#68
m/p-Xylenes
Concen: 94.337 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 106 Resp: 484837
Ion Ratio Lower Upper
106 100
91 212.7 168.0 252.0

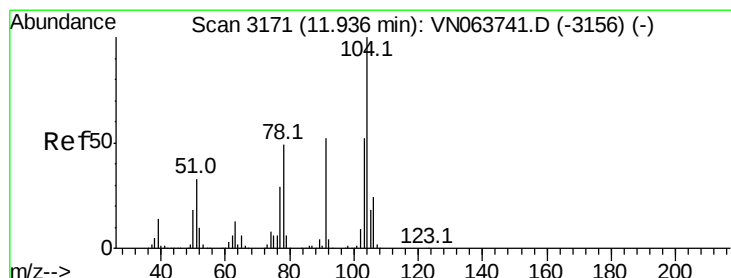
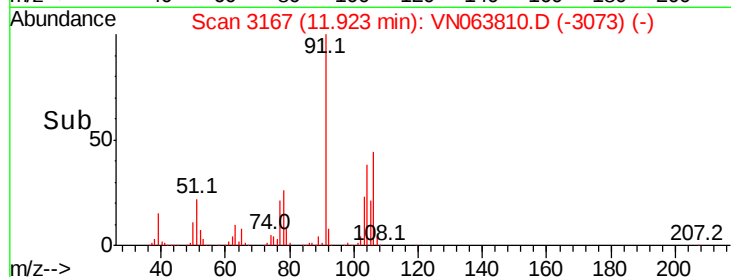
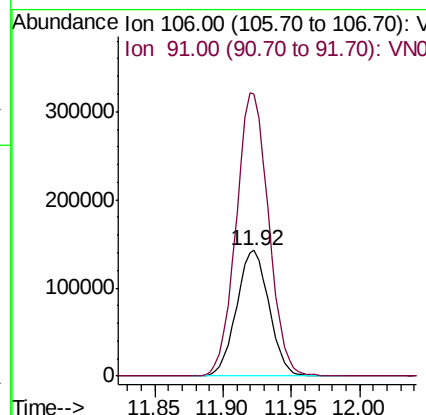
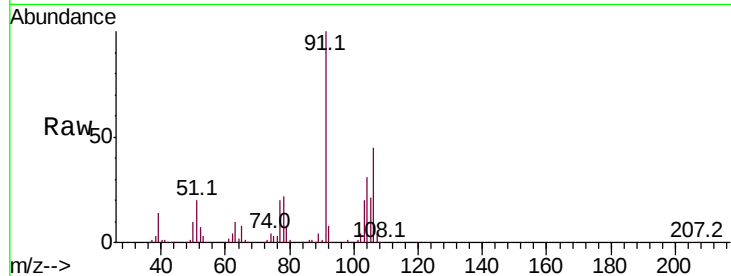




#69
o-Xylene
Concen: 49.293 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

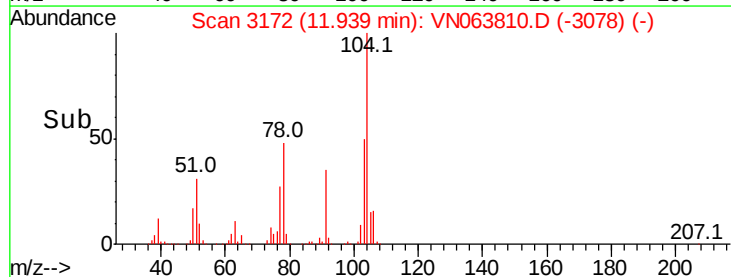
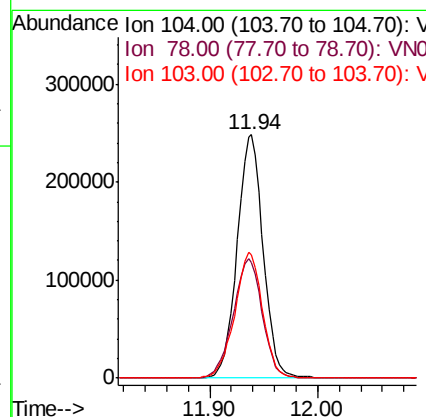
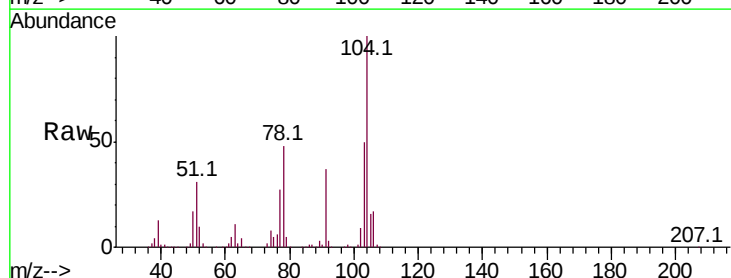
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

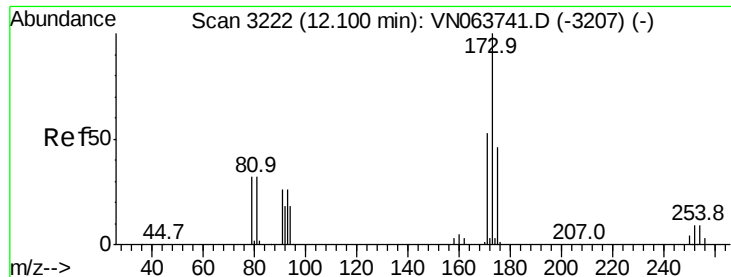
Tot Ion:106 Resp: 236786
Ion Ratio Lower Upper
106 100
91 224.7 112.7 338.0



#70
Styrene
Concen: 50.824 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion:104 Resp: 414424
Ion Ratio Lower Upper
104 100
78 55.0 44.1 66.1
103 55.4 44.3 66.5





#71

Bromoform

Concen: 55.578 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

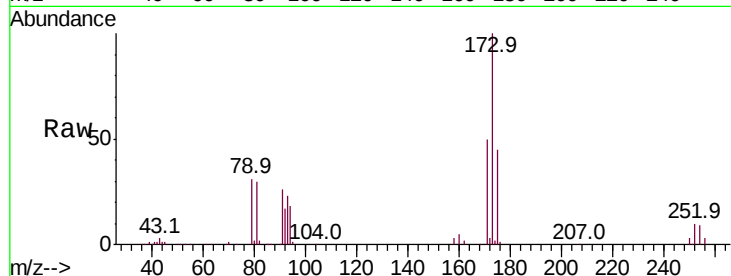
Tot Ion:173 Resp: 123494

Ion Ratio Lower Upper

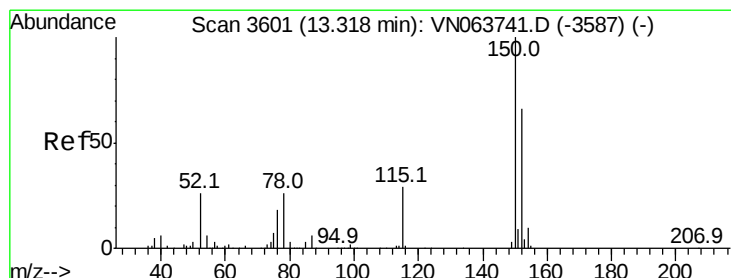
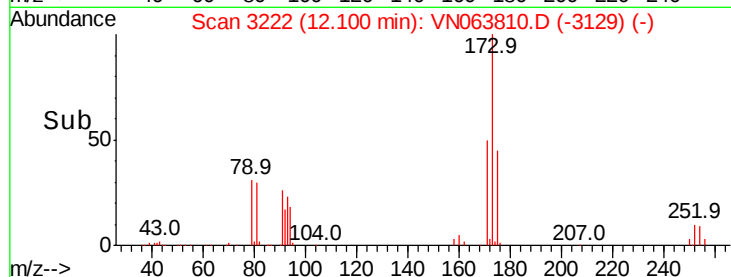
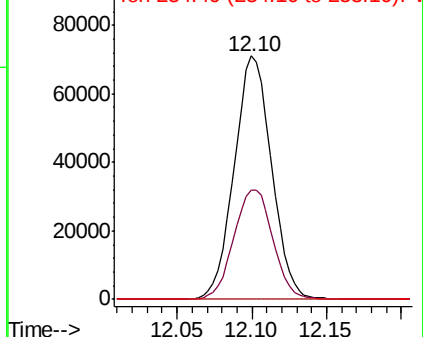
173 100

175 47.1 23.5 70.5

254 0.0 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: VN063810.D

Acq: 2 Oct 2020 7:44

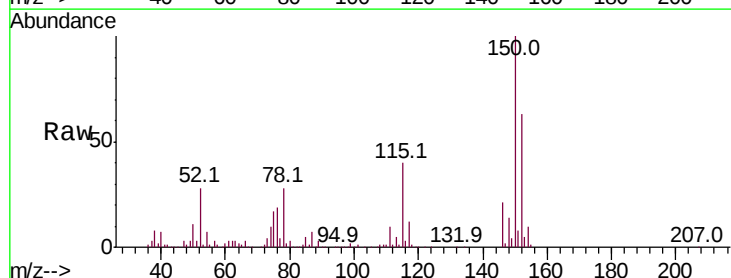
Tgt Ion:152 Resp: 173242

Ion Ratio Lower Upper

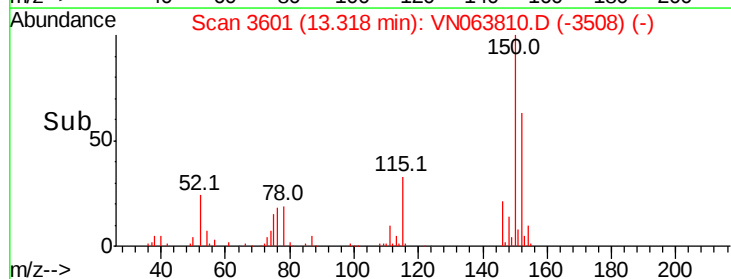
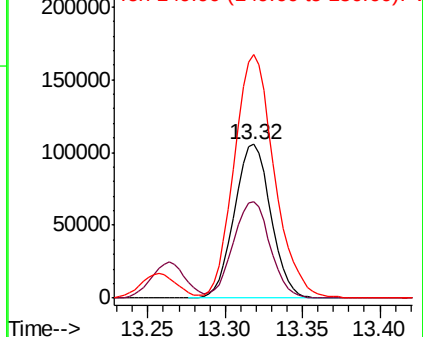
152 100

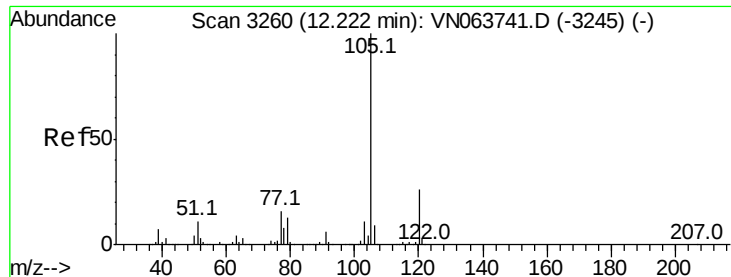
115 63.3 31.3 93.8

150 173.2 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: 48.524 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

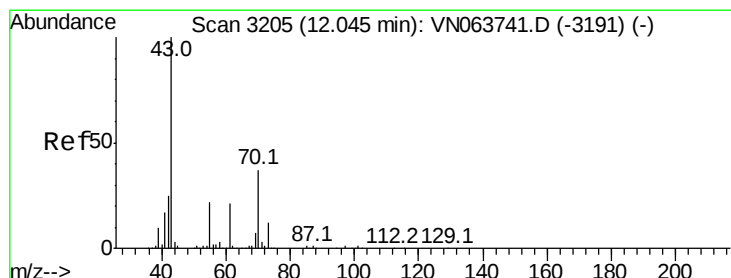
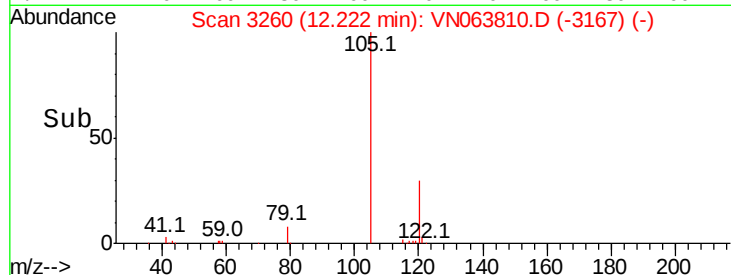
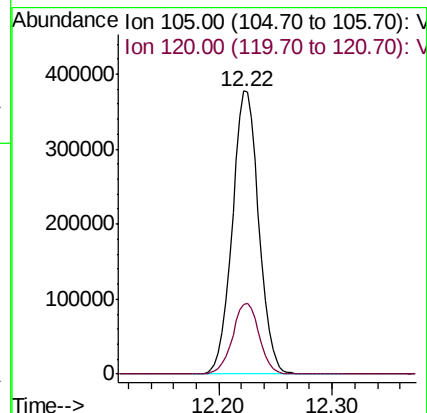
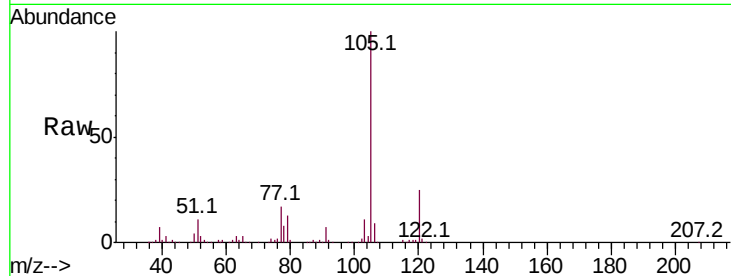
VSTDCCC050EC

Tot Ion:105 Resp: 613156

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 58.049 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Tgt Ion: 43 Resp: 343116

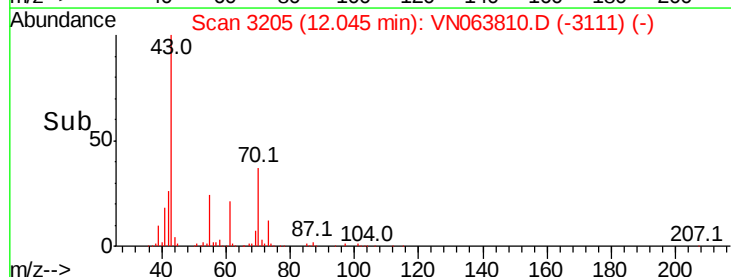
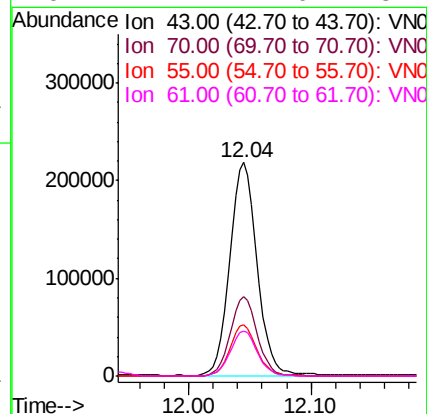
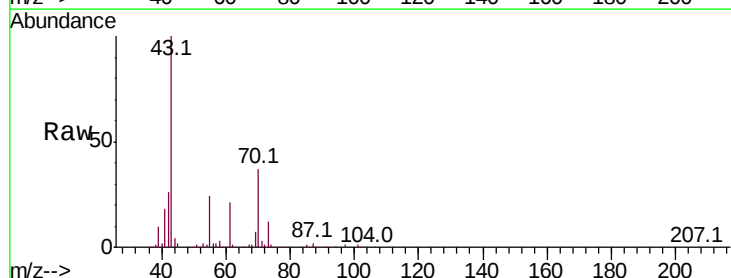
Ion Ratio Lower Upper

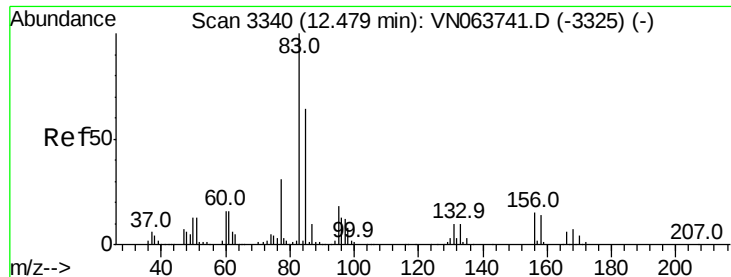
43 100

70 36.8 29.8 44.8

55 23.6 17.9 26.9

61 21.2 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 59.037 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

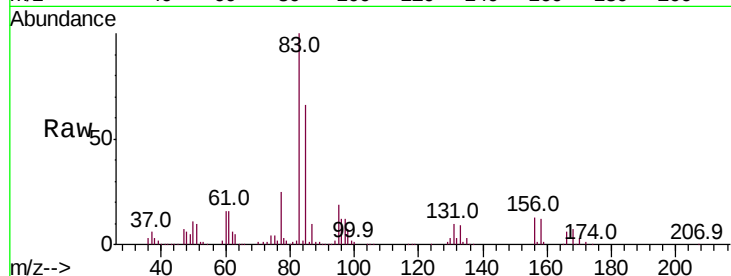
Tot Ion: 83 Resp: 228118

Ion Ratio Lower Upper

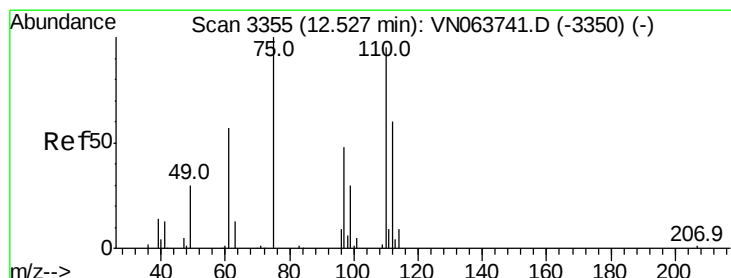
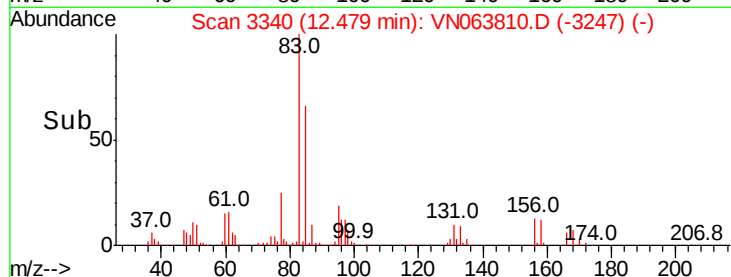
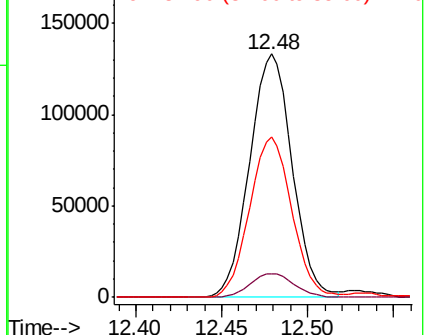
83 100

131 10.4 5.3 15.8

85 65.3 31.3 93.8



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



#76

1,2,3-Trichloropropane

Concen: 80.661 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063810.D

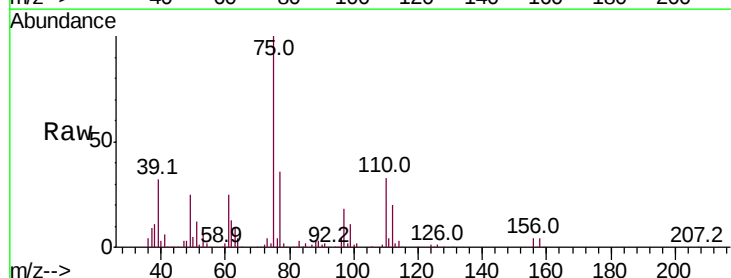
Acq: 2 Oct 2020 7:44

Tgt Ion: 75 Resp: 308038

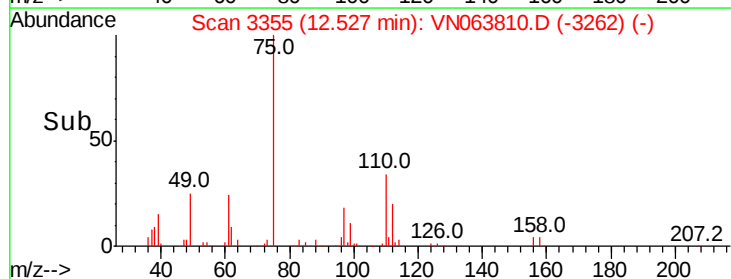
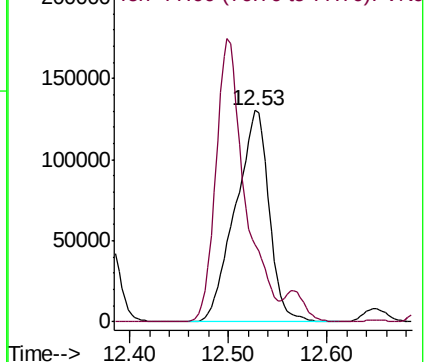
Ion Ratio Lower Upper

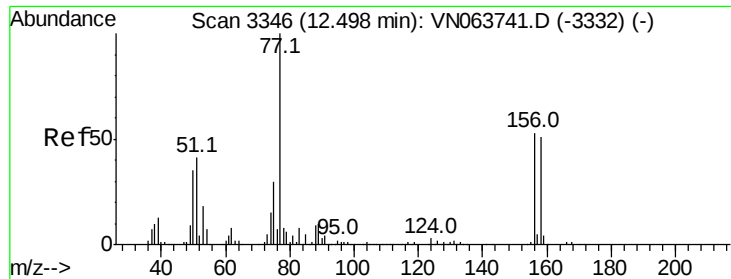
75 100

77 0.0 0.0 0.0



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

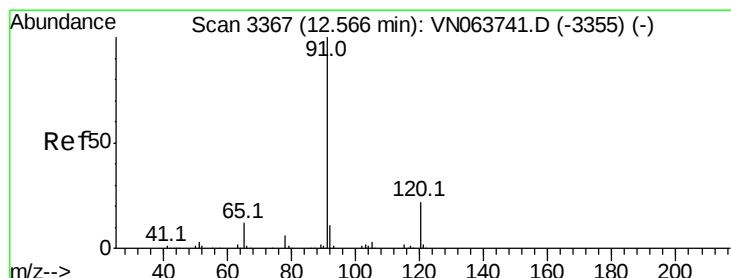
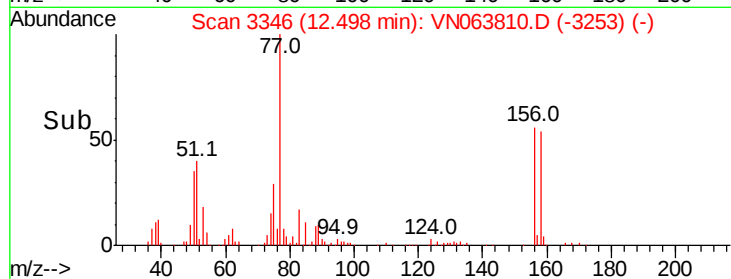
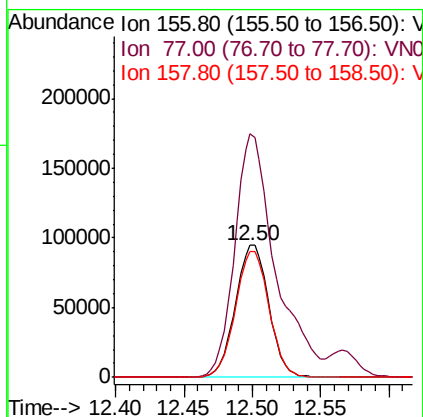
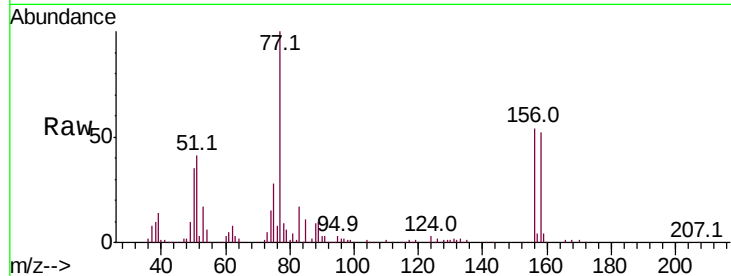




#77
Bromobenzene
Concen: 52.117 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

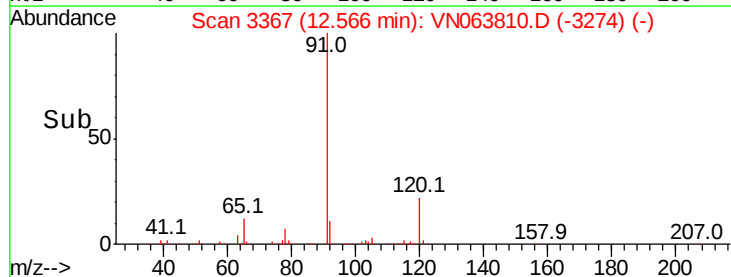
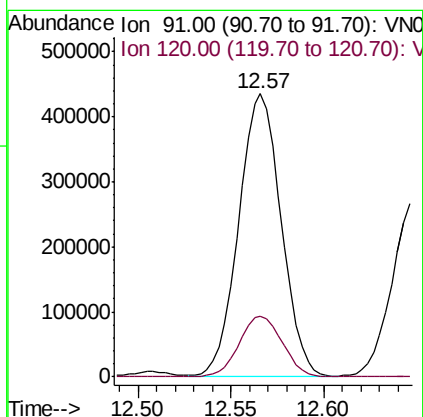
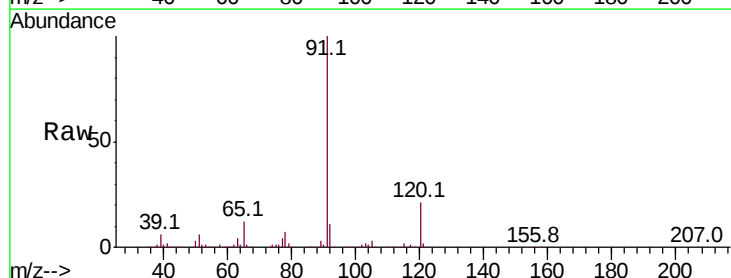
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

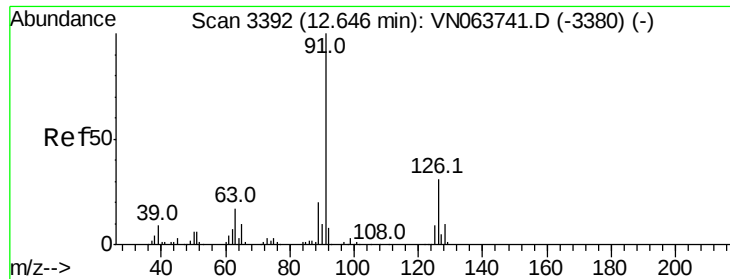
Tot Ion:156 Resp: 161593
Ion Ratio Lower Upper
156 100
77 223.5 110.9 332.7
158 95.8 47.7 143.1



#78
n-propylbenzene
Concen: 47.017 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 91 Resp: 691436
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.1





#79

2-Chlorotoluene

Concen: 49.513 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

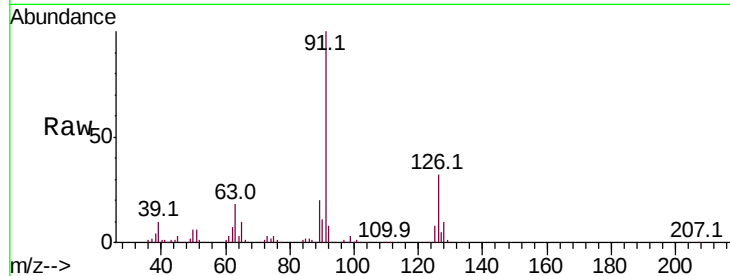
VSTDCCC050EC

Tot Ion: 91 Resp: 447816

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063810.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN063810.D (-3392) (-)

400000

300000

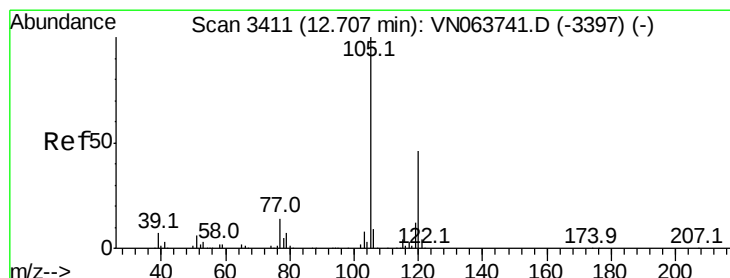
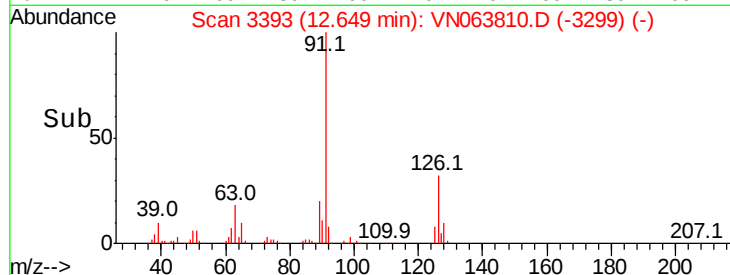
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.436 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063810.D

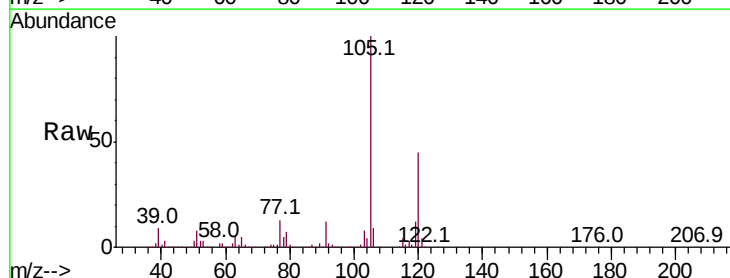
Acq: 2 Oct 2020 7:44

Tgt Ion: 105 Resp: 524078

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063810.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN063810.D (-3411) (-)

300000

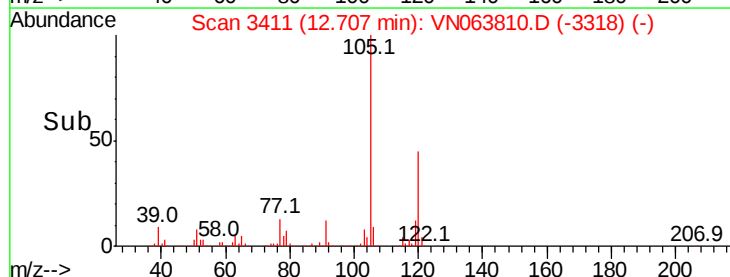
200000

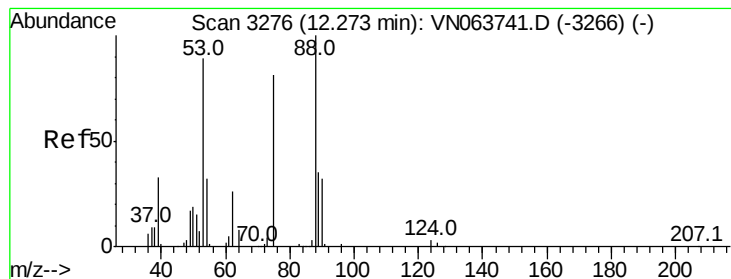
100000

0

12.70 12.71 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.034 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

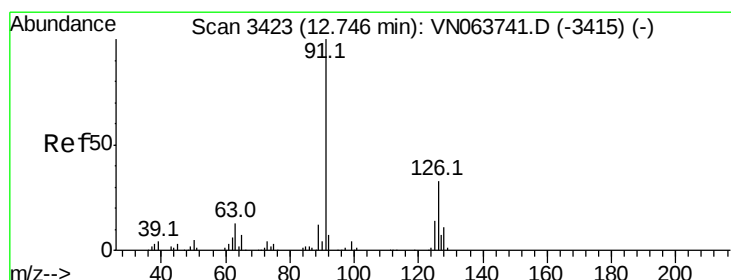
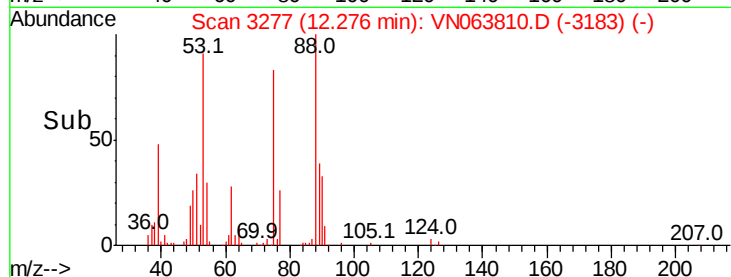
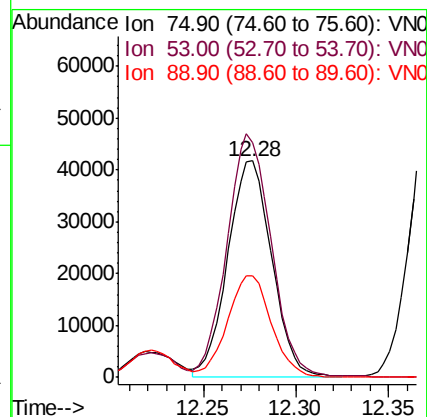
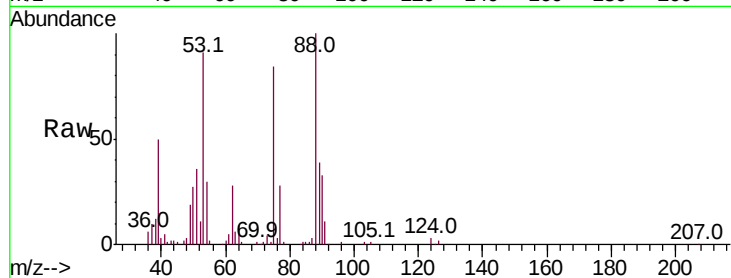
Tot Ion: 75 Resp: 68994

Ion Ratio Lower Upper

75 100

53 111.4 88.2 132.2

89 46.9 36.0 54.0



#82

4-Chlorotoluene

Concen: 49.539 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063810.D

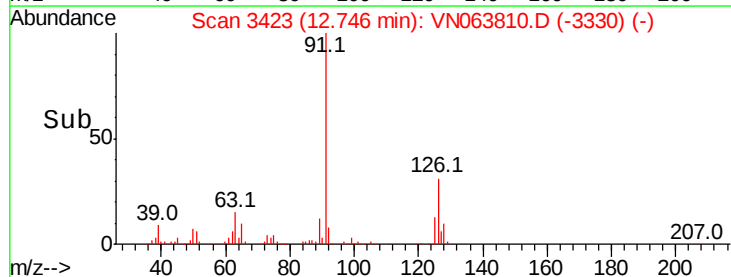
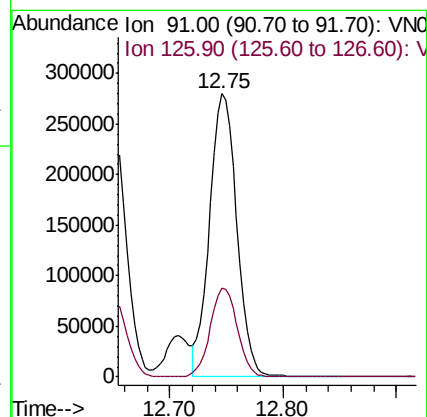
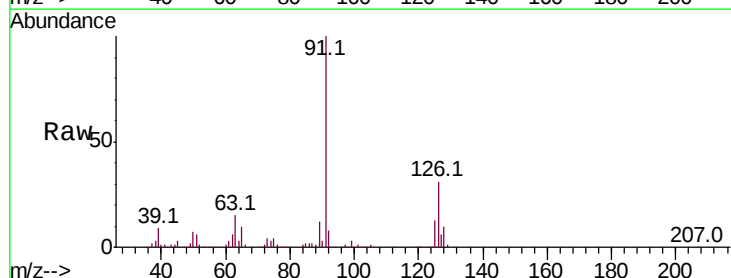
Acq: 2 Oct 2020 7:44

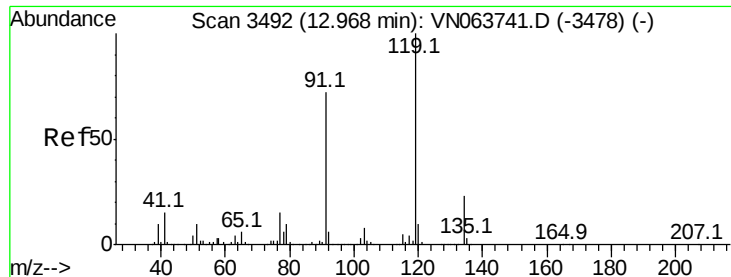
Tgt Ion: 91 Resp: 465127

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2

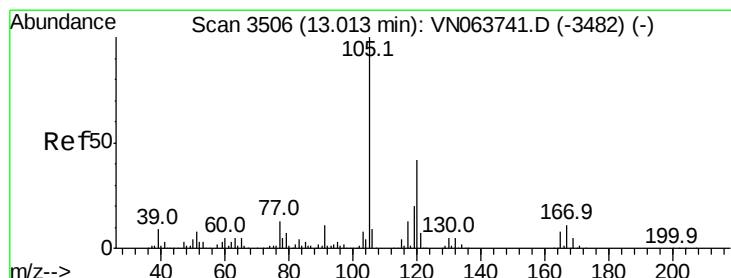
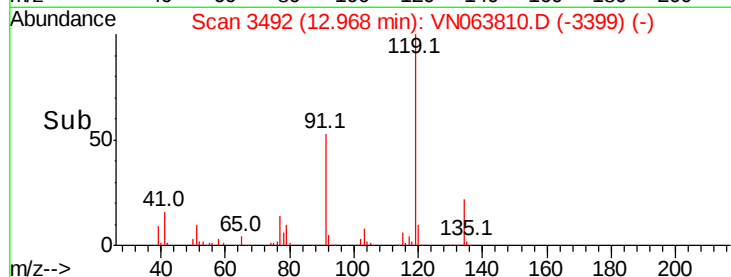
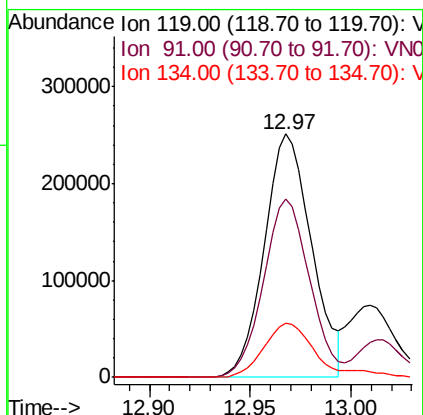
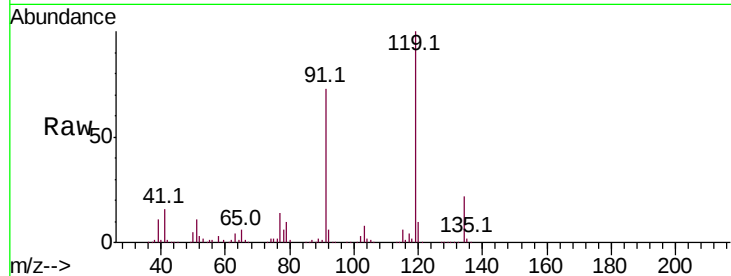




#83
tert-Butylbenzene
Concen: 47.193 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

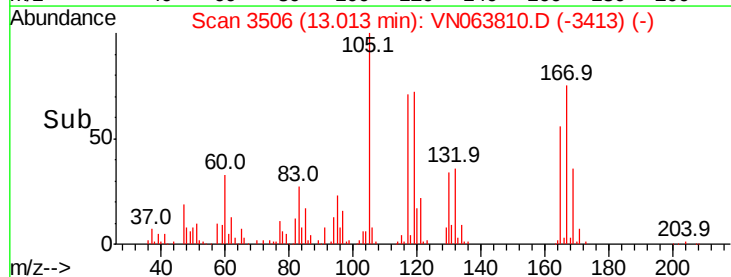
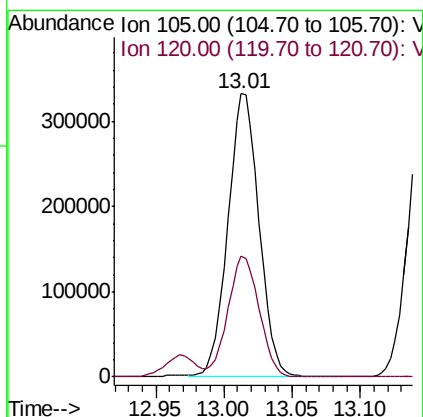
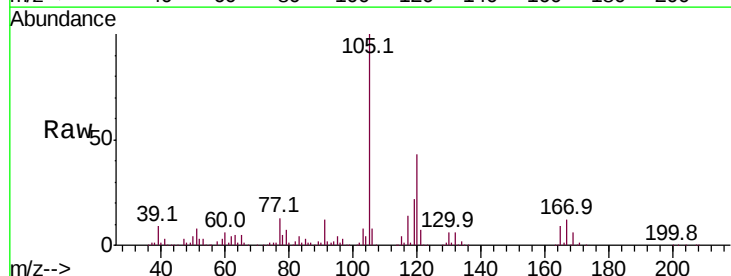
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

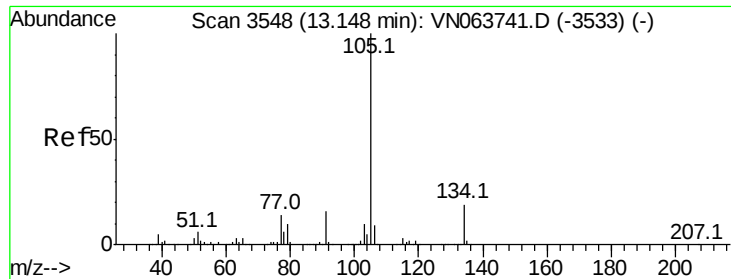
Tot Ion:119 Resp: 409233
Ion Ratio Lower Upper
119 100
91 71.7 35.5 106.5
134 22.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 49.547 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion:105 Resp: 524417
Ion Ratio Lower Upper
105 100
120 42.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 45.899 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

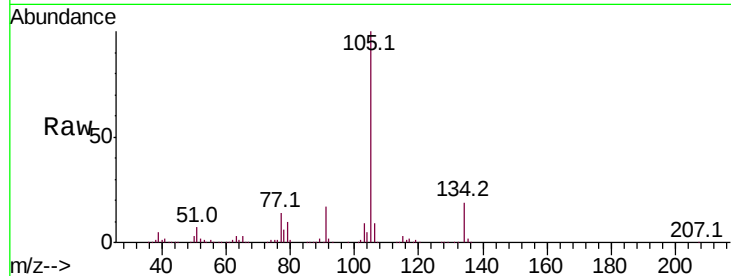
VSTDCCC050EC

Tot Ion:105 Resp: 522767

Ion Ratio Lower Upper

105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

300000

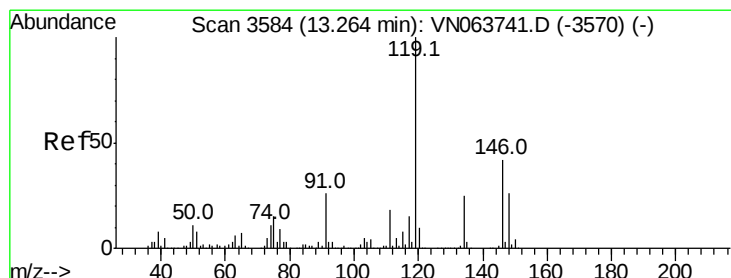
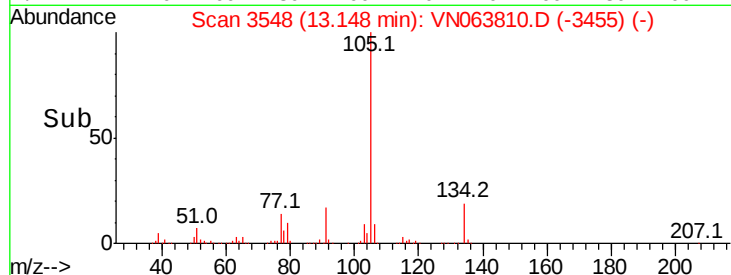
200000

100000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 46.517 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

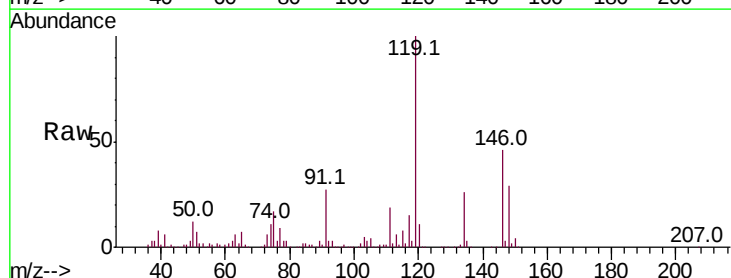
Tgt Ion:119 Resp: 468695

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 27.4 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

400000

300000

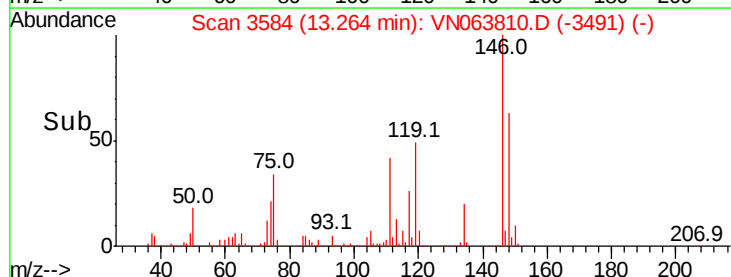
200000

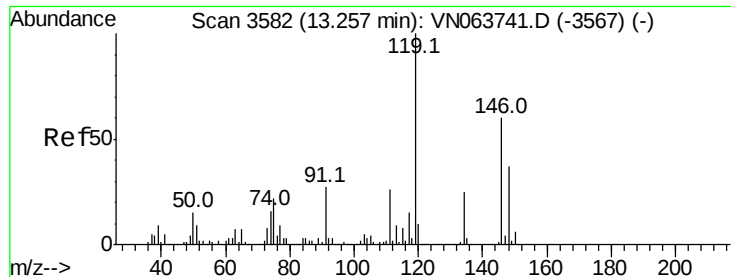
100000

0

Time-->

13.20 13.25 13.30

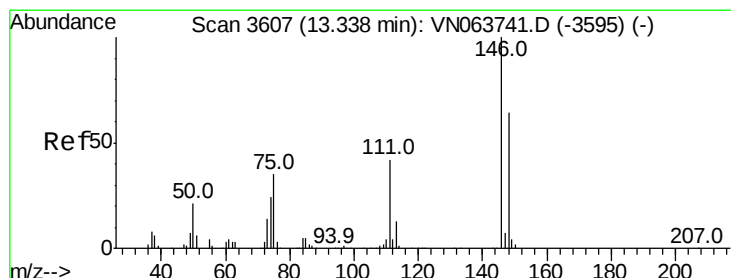
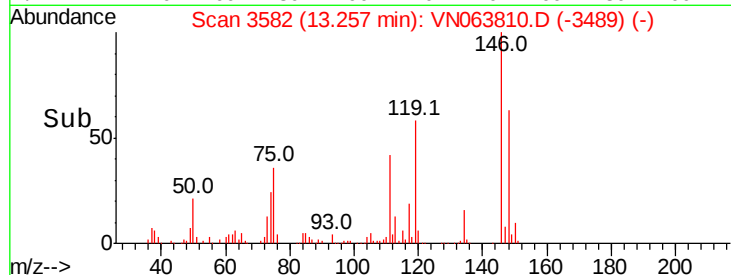
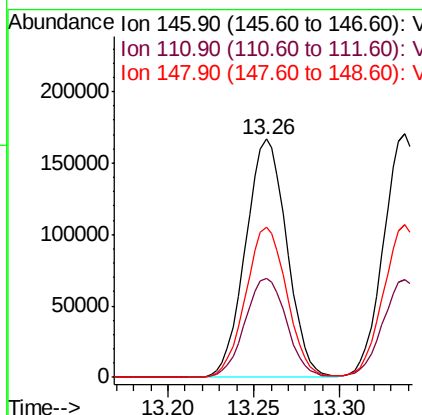
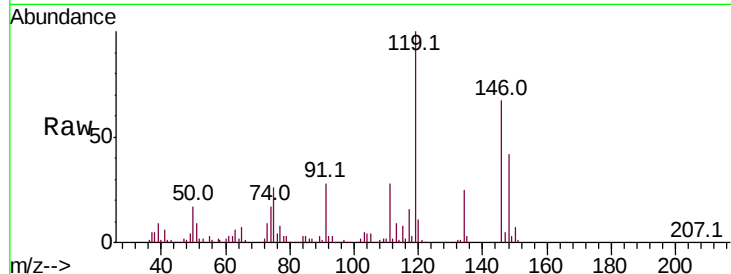




#87
 1,3-Dichlorobenzene
 Concen: 49.502 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

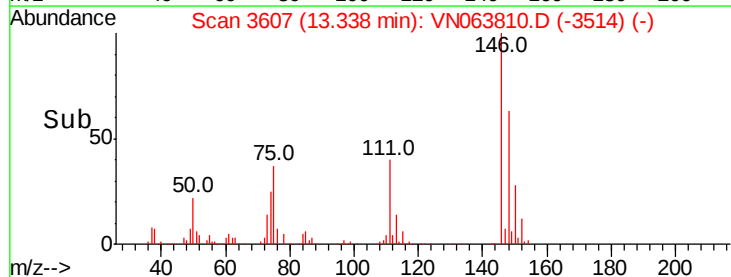
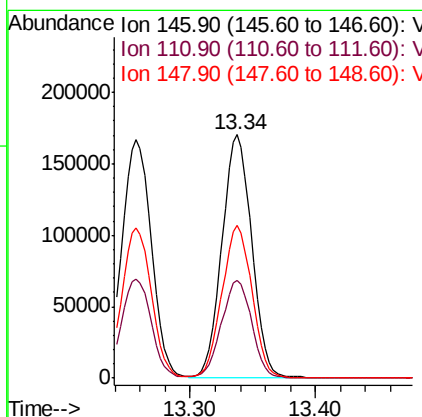
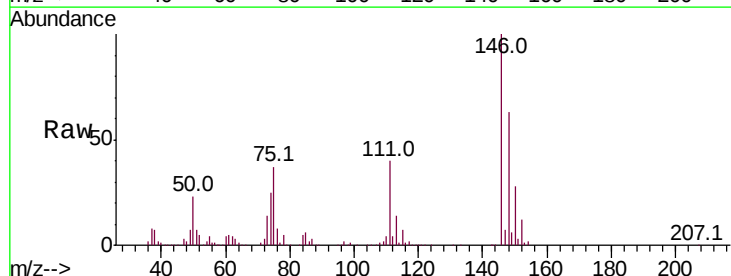
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

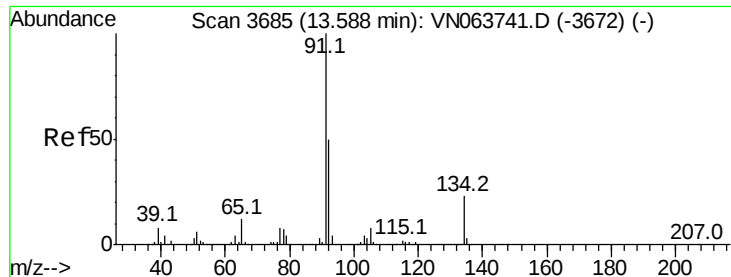
Tot Ion:146 Resp: 277678
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.5 64.5
 148 62.9 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 47.754 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion:146 Resp: 278907
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.3 63.7
 148 63.5 32.0 96.0

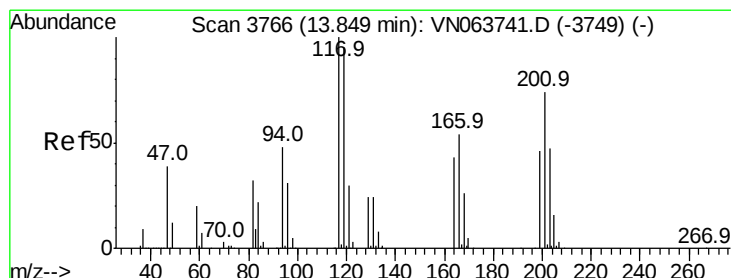
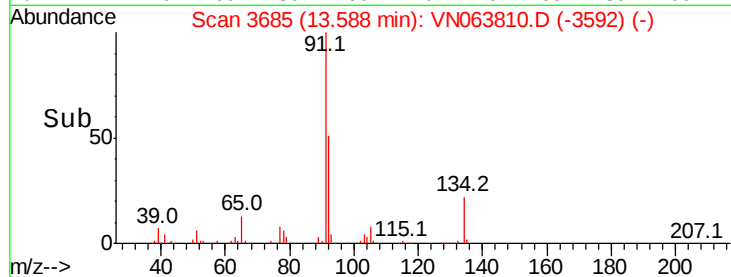
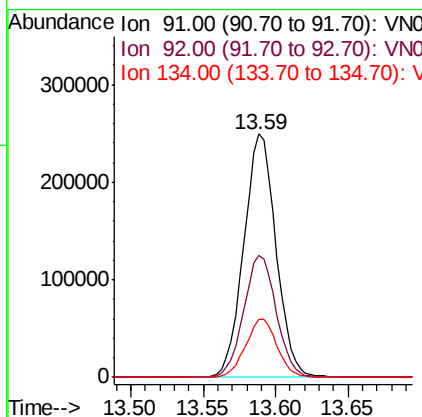
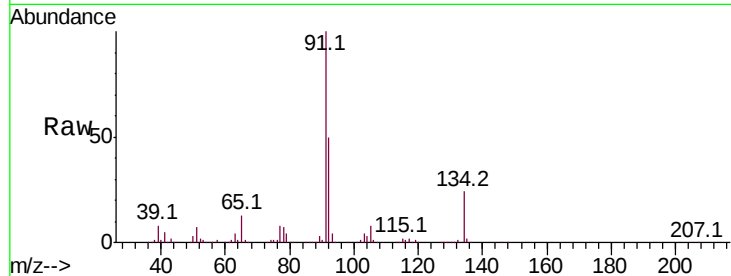




#89
n-Butylbenzene
Concen: 41.499 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

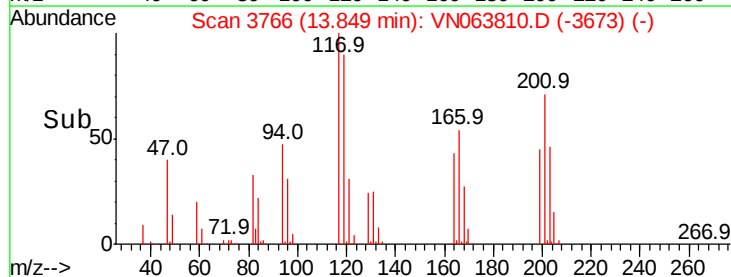
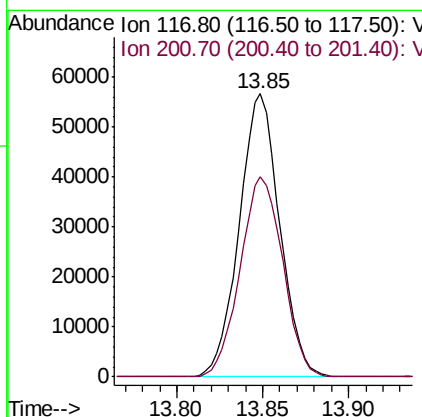
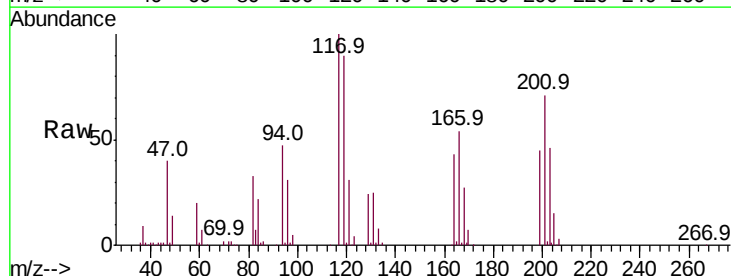
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

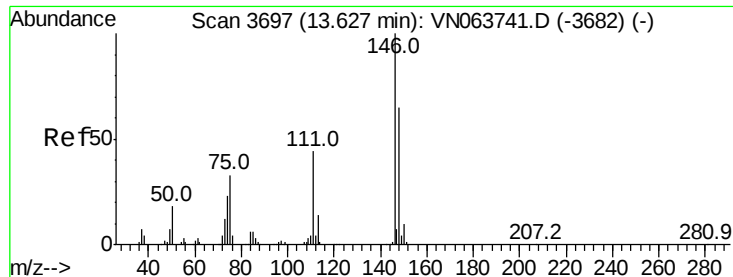
Tot Ion: 91 Resp: 385918
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.4
134 23.6 11.7 35.1



#90
Hexachloroethane
Concen: 47.388 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 117 Resp: 92522
Ion Ratio Lower Upper
117 100
201 74.2 36.0 108.0





#91

1,2-Dichlorobenzene

Concen: 50.703 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

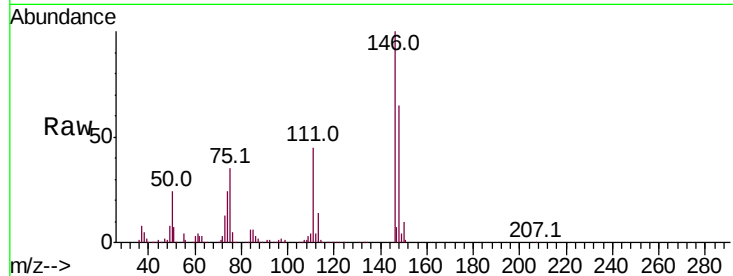
Tot Ion:146 Resp: 281703

Ion Ratio Lower Upper

146 100

111 44.8 22.2 66.6

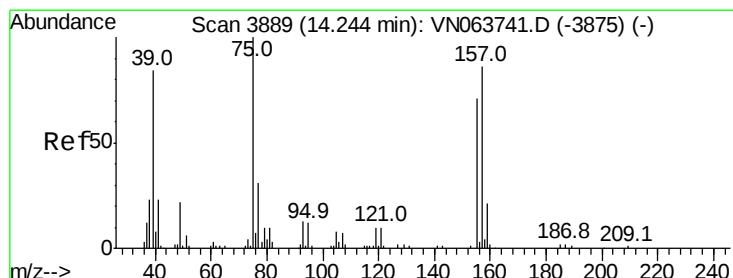
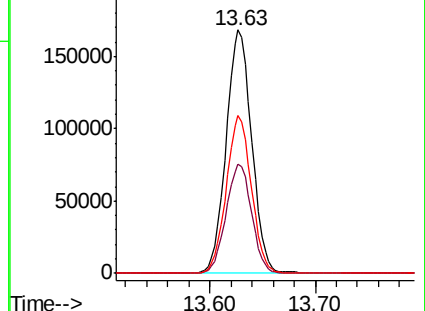
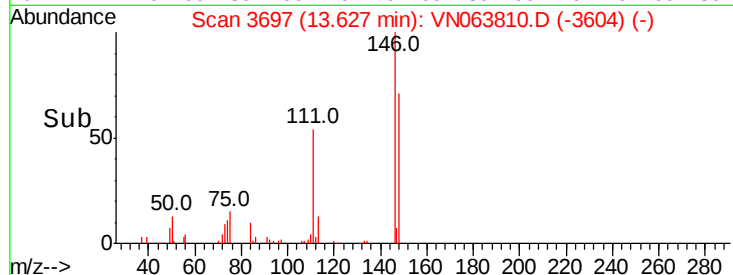
148 63.7 32.5 97.4



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: 60.476 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

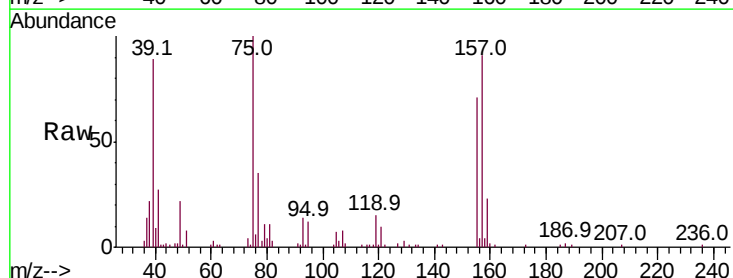
Tgt Ion: 75 Resp: 54802

Ion Ratio Lower Upper

75 100

155 69.6 34.8 104.5

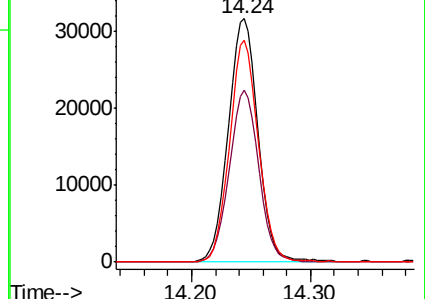
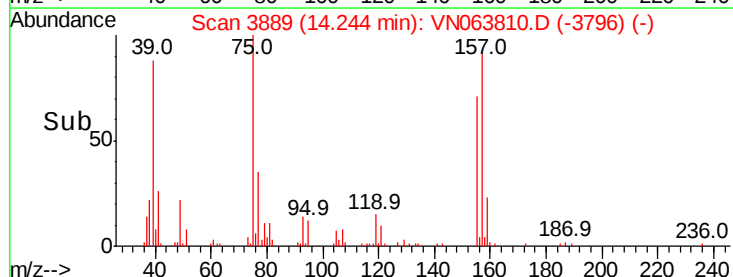
157 88.2 43.7 131.1

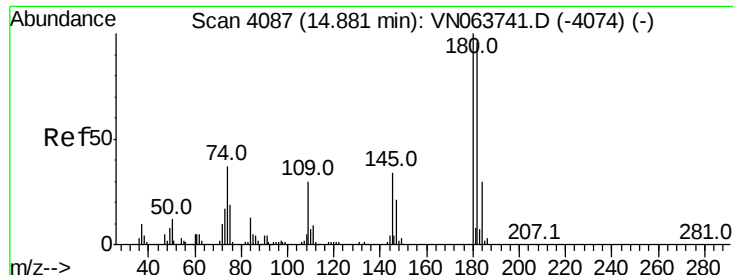


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

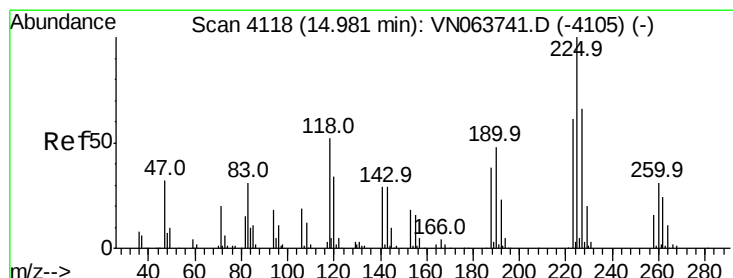
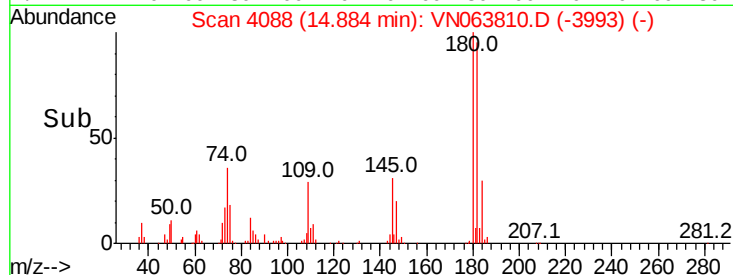
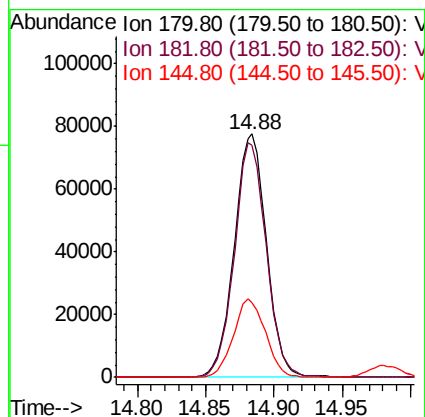
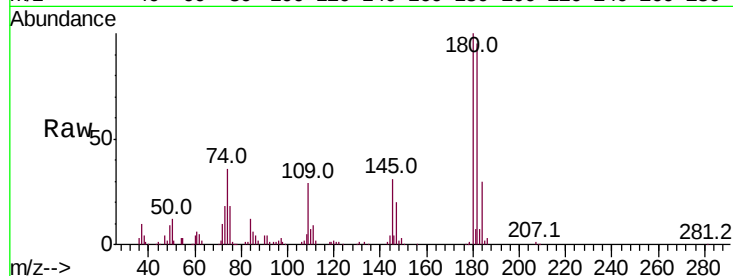




#93
 1,2,4-Trichlorobenzene
 Concen: 42.387 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

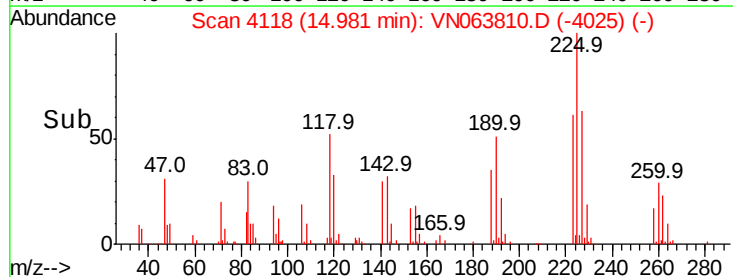
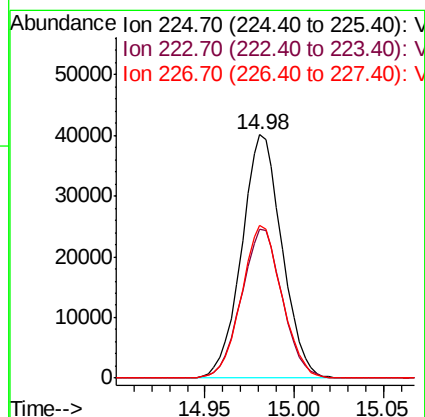
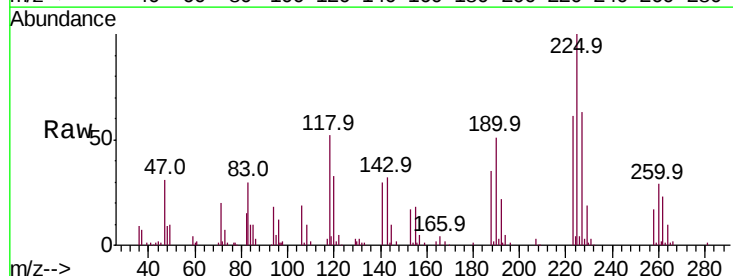
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

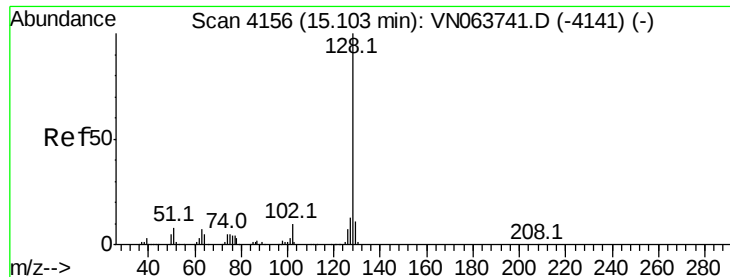
Tot Ion:180 Resp: 127230
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.2 144.6
 145 32.2 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 42.104 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion:225 Resp: 63410
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.3 91.0
 227 62.9 31.9 95.5

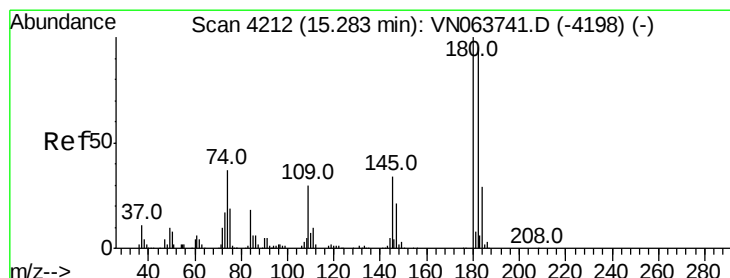
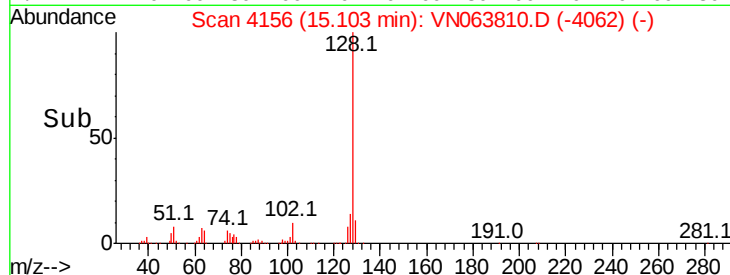
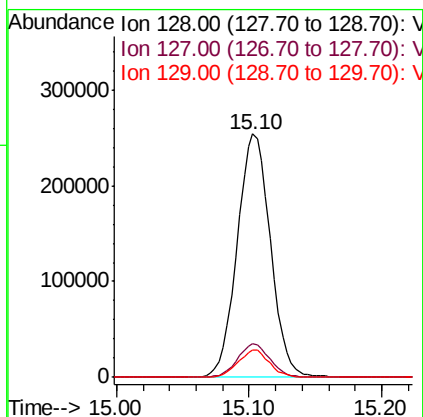
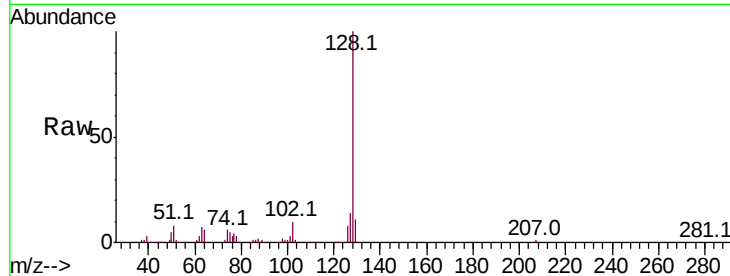




#95
Naphthalene
Concen: 47.497 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 443052
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.253 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion:180 Resp: 129125
Ion Ratio Lower Upper
180 100
182 93.0 47.9 143.6
145 34.4 17.2 51.5

