

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
 Data File : VD067804.D
 Acq On : 30 Nov 2020 10:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 30 13:13:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	235537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	326404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	298086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	147240	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115377	50.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.76%
35) Dibromofluoromethane	7.92	113	108989	52.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.94%
50) Toluene-d8	10.34	98	393632	51.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.66%
62) 4-Bromofluorobenzene	12.64	95	132621	51.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.18%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	109680	53.509	ug/l	98
3) Chloromethane	2.21	50	56805	49.780	ug/l	100
4) Vinyl Chloride	2.35	62	71097	49.721	ug/l	96
5) Bromomethane	2.77	94	61625	50.584	ug/l	93
6) Chloroethane	2.93	64	47319	49.653	ug/l	89
7) Trichlorofluoromethane	3.27	101	224223	51.387	ug/l	99
8) Diethyl Ether	3.71	74	40425	45.887	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	102607	49.107	ug/l	98
10) Methyl Iodide	4.30	142	111445	52.109	ug/l	97
11) Tert butyl alcohol	5.21	59	25563	204.855	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	95812	49.556	ug/l	96
13) Acrolein	3.92	56	21247	223.828	ug/l	92
14) Allyl chloride	4.71	41	90098	48.208	ug/l	94
15) Acrylonitrile	5.42	53	68755	224.077	ug/l	98
16) Acetone	4.16	43	87401	295.414	ug/l	95
17) Carbon Disulfide	4.41	76	263033	47.037	ug/l	99
18) Methyl Acetate	4.72	43	25047	42.080	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	196146	47.469	ug/l	99
20) Methylene Chloride	4.96	84	98105	42.765	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	106438	48.422	ug/l	99
22) Diisopropyl ether	6.37	45	174973	47.428	ug/l	97
23) Vinyl Acetate	6.30	43	507505	243.869	ug/l	97
24) 1,1-Dichloroethane	6.27	63	150238	48.033	ug/l	97
25) 2-Butanone	7.21	43	71939	216.685	ug/l	96
26) 2,2-Dichloropropane	7.21	77	189575	51.376	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	114239	48.758	ug/l	99
28) Bromochloromethane	7.54	49	47176	47.086	ug/l	92
29) Tetrahydrofuran	7.57	42	41191	218.218	ug/l	91
30) Chloroform	7.71	83	200365	48.987	ug/l	92
31) Cyclohexane	7.99	56	125485	45.285	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	220580	50.922	ug/l	99
36) 1,1-Dichloropropene	8.11	75	143275	51.153	ug/l	98
37) Ethyl Acetate	7.29	43	36085	47.913	ug/l #	79
38) Carbon Tetrachloride	8.10	117	218490	53.814	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	172545	52.055	ug/l	99
40) Benzene	8.36	78	385461	50.108	ug/l	96
41) Methacrylonitrile	7.53	41	17599	45.761	ug/l	90
42) 1,2-Dichloroethane	8.43	62	130699	50.074	ug/l	99
43) Isopropyl Acetate	8.46	43	67289	44.739	ug/l	94
44) Trichloroethene	9.12	130	128574	50.430	ug/l	96
45) 1,2-Dichloropropane	9.39	63	74474	47.182	ug/l	98
46) Dibromomethane	9.48	93	53574	49.854	ug/l	99
47) Bromodichloromethane	9.67	83	148859	49.745	ug/l	96
48) Methyl methacrylate	9.46	41	35950	47.810	ug/l	98
49) 1,4-Dioxane	9.46	88	9435	810.152	ug/l #	92
51) 4-Methyl-2-Pentanone	10.23	43	166482	235.232	ug/l	99
52) Toluene	10.41	92	267734	51.304	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	132676	50.748	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	144587	48.868	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	68183	47.287	ug/l	99
56) Ethyl methacrylate	10.67	69	73273	49.084	ug/l	98
57) 1,3-Dichloropropane	10.95	76	107529	47.298	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	180071	258.161	ug/l	98
59) 2-Hexanone	10.99	43	126038	252.236	ug/l	94
60) Dibromochloromethane	11.14	129	107263	48.818	ug/l	99
61) 1,2-Dibromoethane	11.25	107	68384	48.133	ug/l	97
64) Tetrachloroethene	10.88	164	116988	50.566	ug/l	92
65) Chlorobenzene	11.67	112	288896	49.311	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	118415	49.967	ug/l	98
67) Ethyl Benzene	11.75	91	520443	51.457	ug/l	99
68) m/p-Xylenes	11.86	106	403734	102.577	ug/l	100
69) o-Xylene	12.18	106	183523	51.212	ug/l	98
70) Styrene	12.20	104	315349	51.663	ug/l	99
71) Bromoform	12.36	173	60833	47.286	ug/l #	98
73) Isopropylbenzene	12.48	105	529840	54.691	ug/l	99
74) N-amyl acetate	12.30	43	59744	46.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	59232	45.558	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	92759	90.392	ug/l #	100
77) Bromobenzene	12.77	156	125509	51.755	ug/l	98
78) n-propylbenzene	12.83	91	587318	54.492	ug/l	100
79) 2-Chlorotoluene	12.91	91	335176	52.525	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	462122	54.844	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	21535	49.083	ug/l	92
82) 4-Chlorotoluene	13.01	91	357378	52.559	ug/l	100
83) tert-Butylbenzene	13.23	119	392489	54.207	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	453093	53.829	ug/l	99
85) sec-Butylbenzene	13.41	105	510661	53.685	ug/l	99
86) p-Isopropyltoluene	13.52	119	501858	54.471	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	241328	51.418	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	238179	51.230	ug/l	99
89) n-Butylbenzene	13.85	91	430699	54.552	ug/l	100
90) Hexachloroethane	14.12	117	89718	51.154	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	205412	50.806	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13404	47.819	ug/l	93

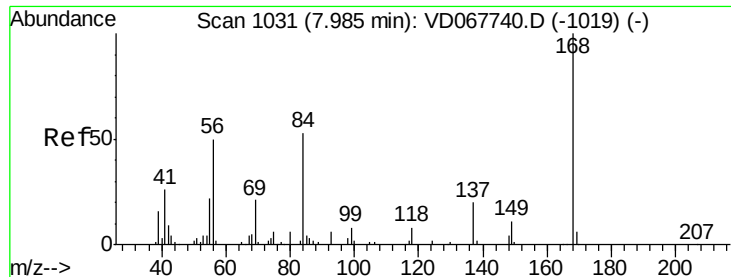
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	151601	52.957	ug/l	99
94) Hexachlorobutadiene	15.27	225	98558	53.884	ug/l	99
95) Naphthalene	15.41	128	235779	50.891	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	123473	50.635	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

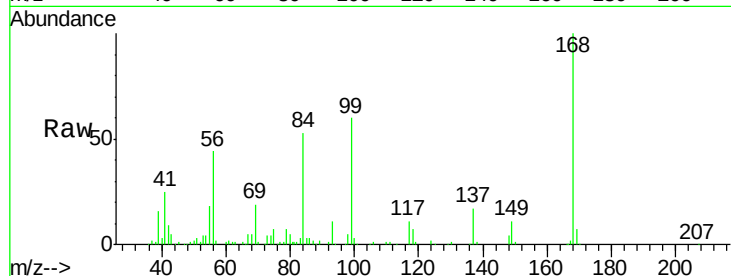
VSTDCCC050

Tgt Ion:168 Resp: 235537

Ion Ratio Lower Upper

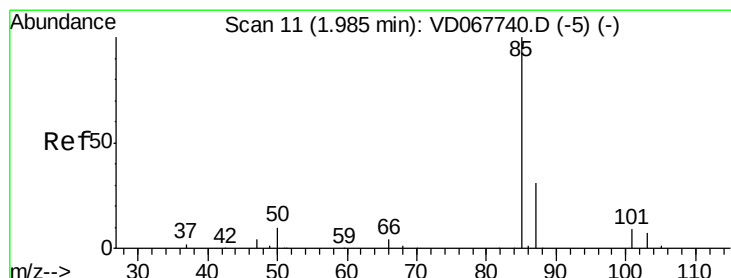
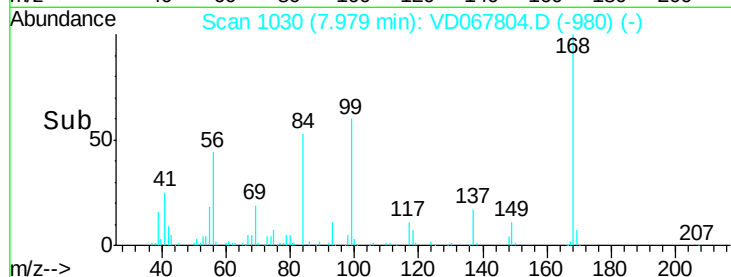
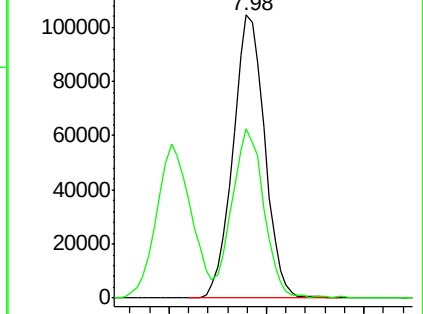
168 100

99 59.5 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 53.509 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067804.D

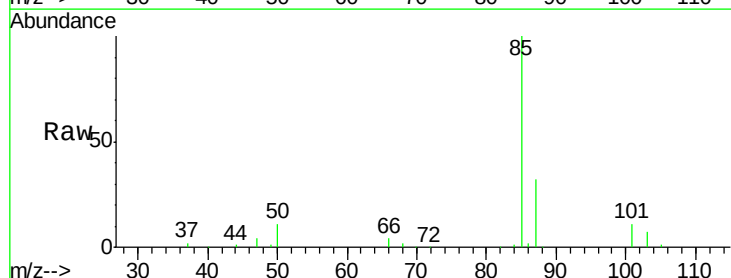
Acq: 30 Nov 2020 10:03

Tgt Ion: 85 Resp: 109680

Ion Ratio Lower Upper

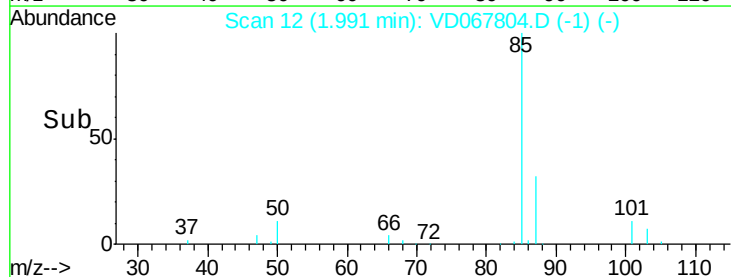
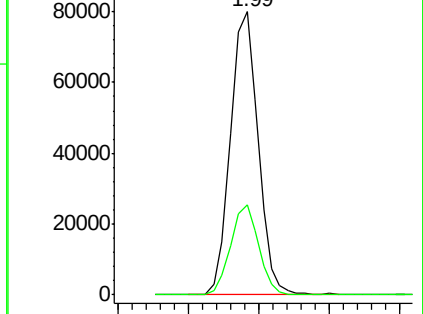
85 100

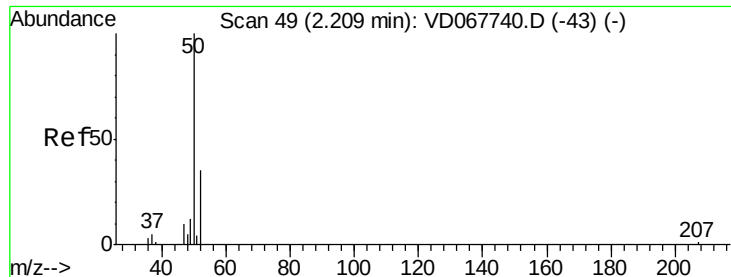
87 32.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 49.780 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

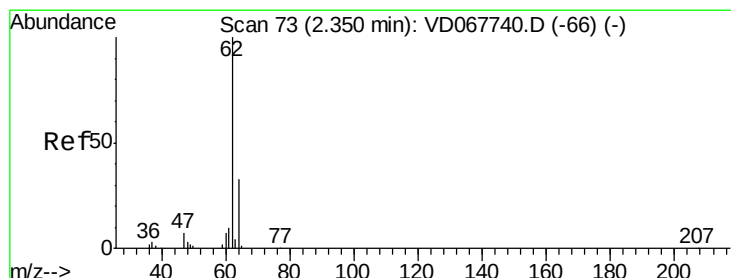
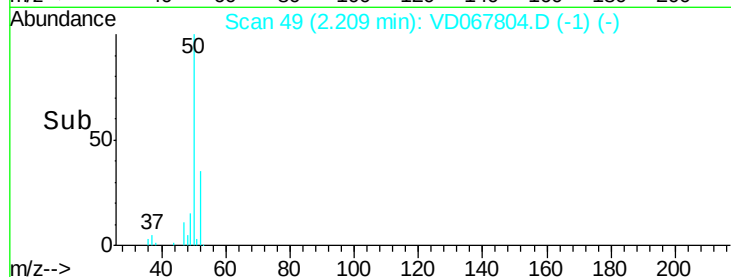
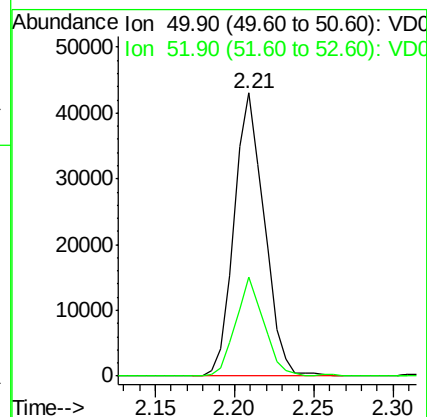
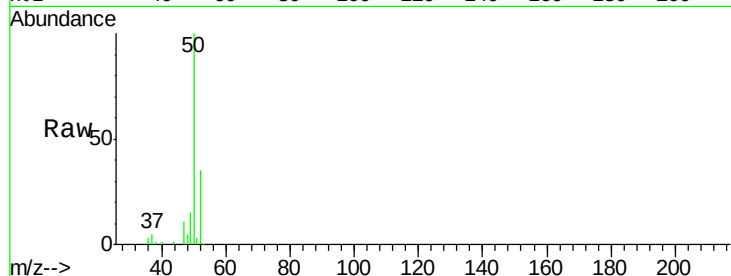
VSTDCCC050

Tgt Ion: 50 Resp: 56805

Ion Ratio Lower Upper

50 100

52 34.9 27.8 41.8



#4

Vinyl Chloride

Concen: 49.721 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067804.D

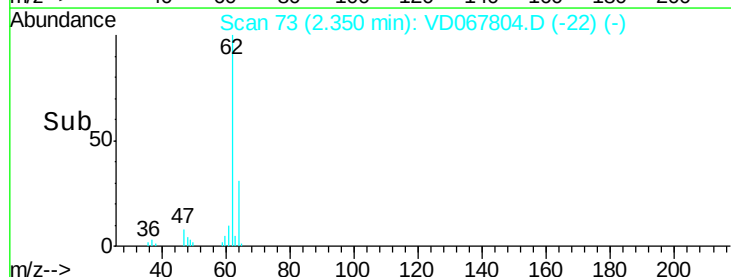
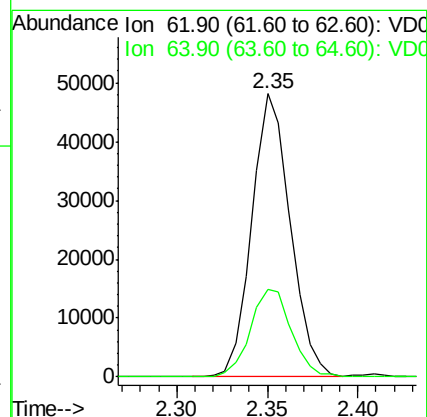
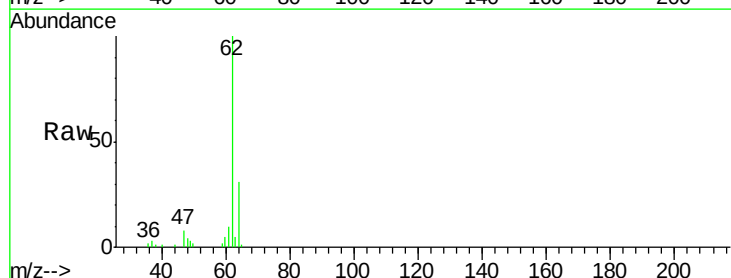
Acq: 30 Nov 2020 10:03

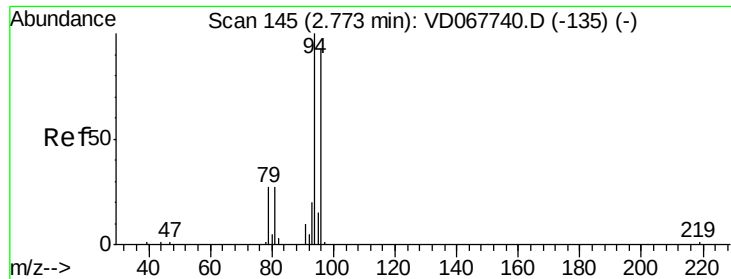
Tgt Ion: 62 Resp: 71097

Ion Ratio Lower Upper

62 100

64 30.8 26.6 40.0





#5

Bromomethane

Concen: 50.584 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

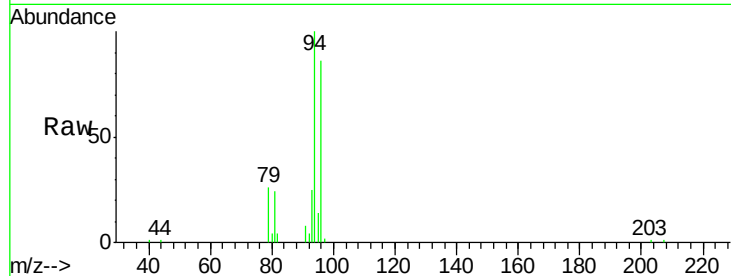
VSTDCCC050

Tgt Ion: 94 Resp: 61625

Ion Ratio Lower Upper

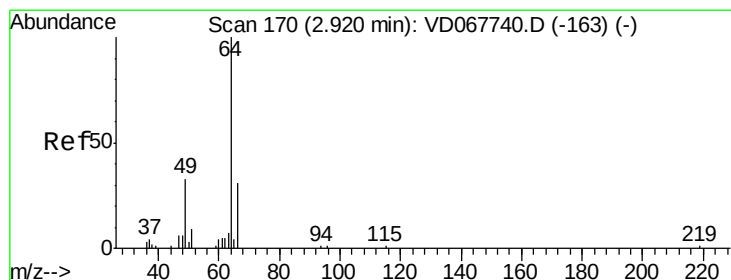
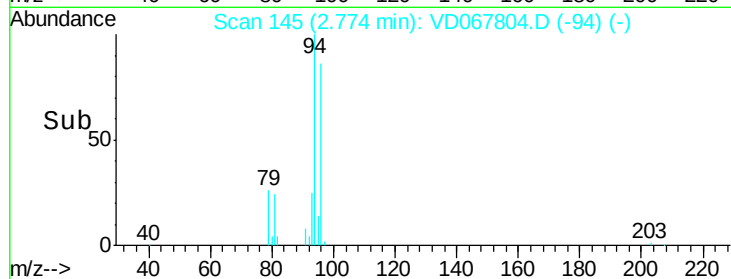
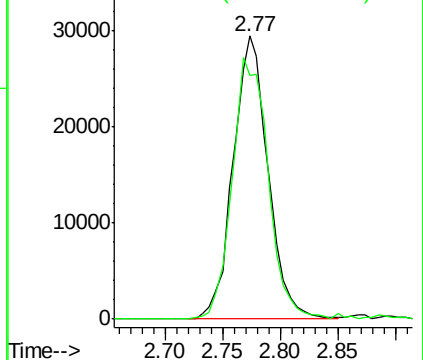
94 100

96 85.9 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.653 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067804.D

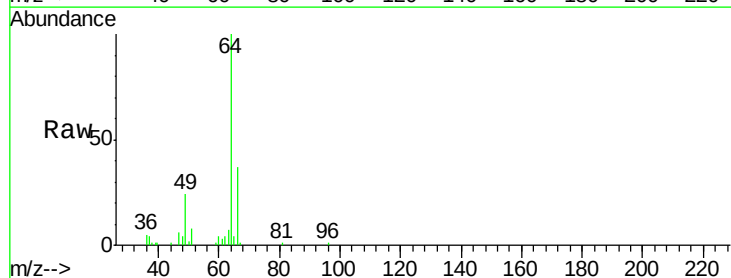
Acq: 30 Nov 2020 10:03

Tgt Ion: 64 Resp: 47319

Ion Ratio Lower Upper

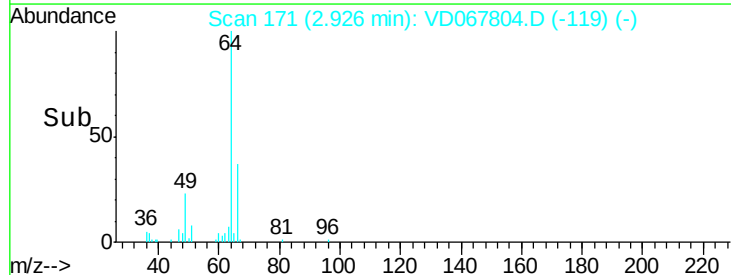
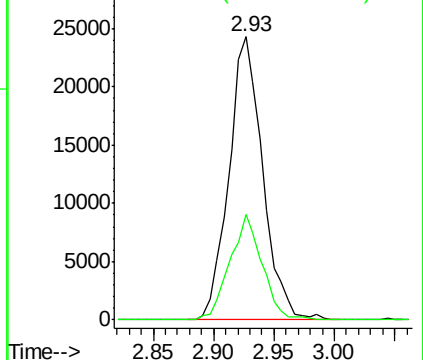
64 100

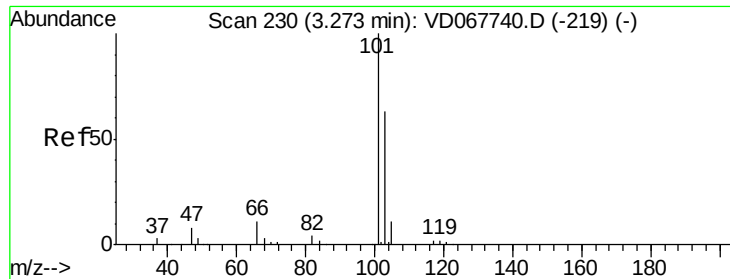
66 37.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



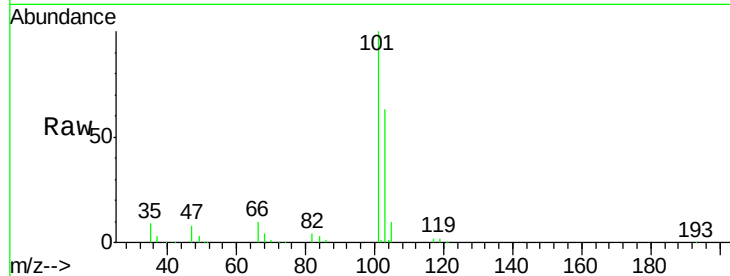


#7

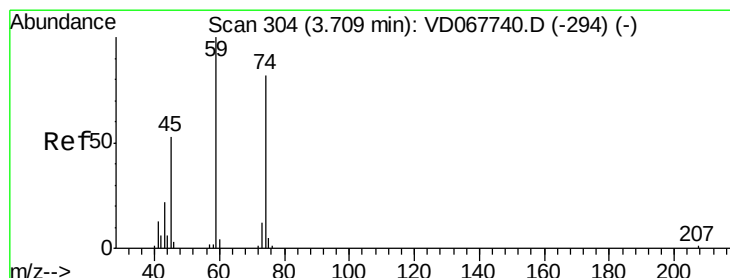
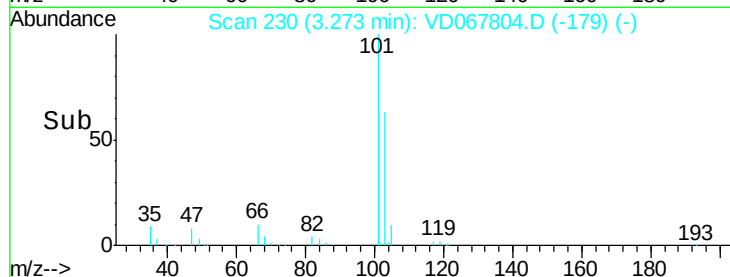
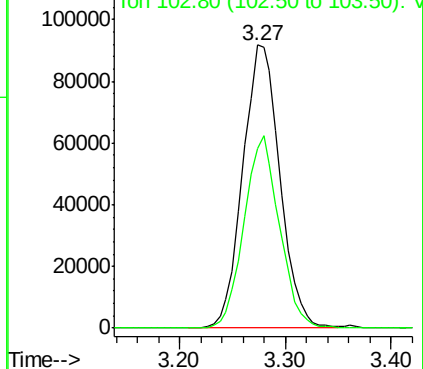
Trichlorofluoromethane
 Concen: 51.387 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 224223
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.3 75.5



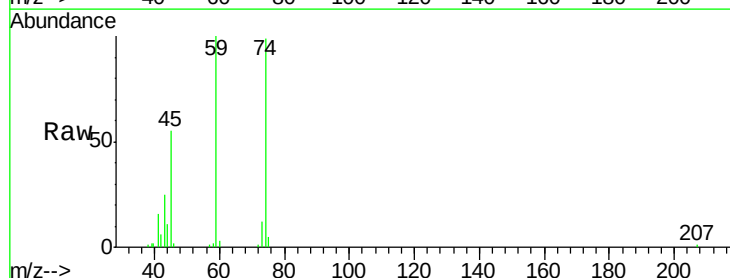
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



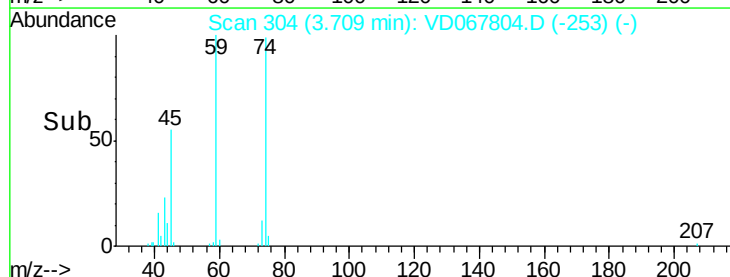
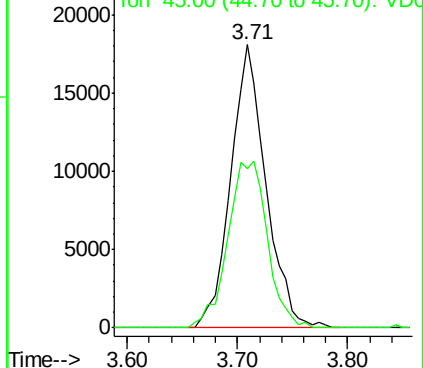
#8

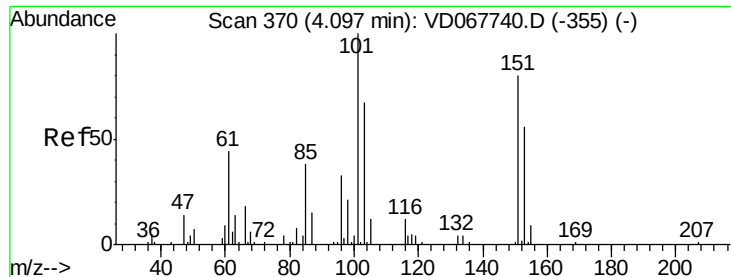
Diethyl Ether
 Concen: 45.887 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 74 Resp: 40425
 Ion Ratio Lower Upper
 74 100
 45 66.3 35.9 107.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.107 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

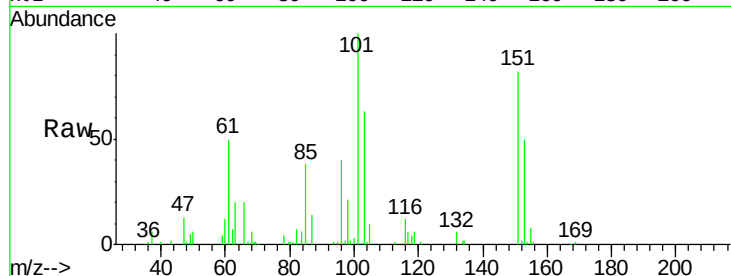
Tgt Ion:101 Resp: 102607

Ion Ratio Lower Upper

101 100

85 43.8 35.5 53.3

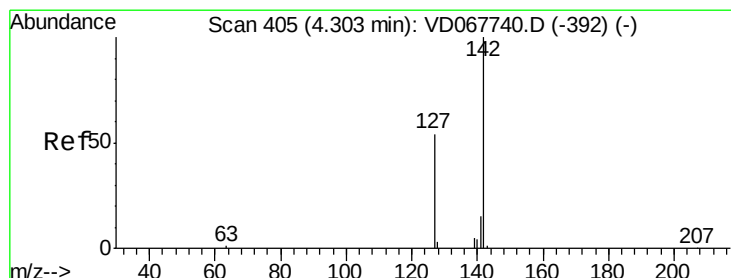
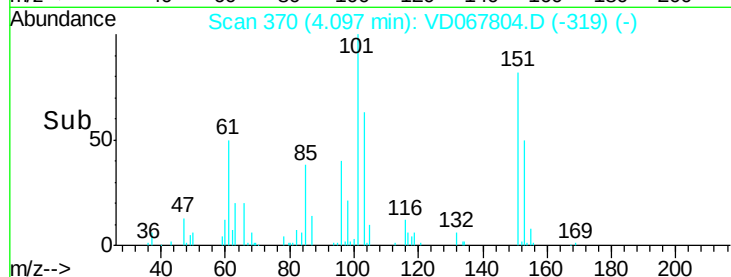
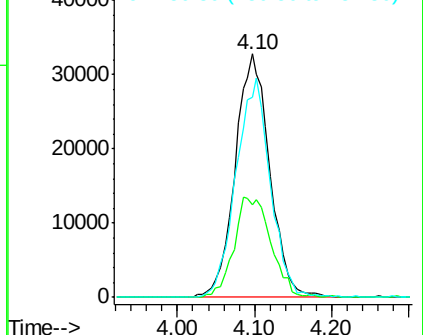
151 89.5 69.4 104.0



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: 52.109 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

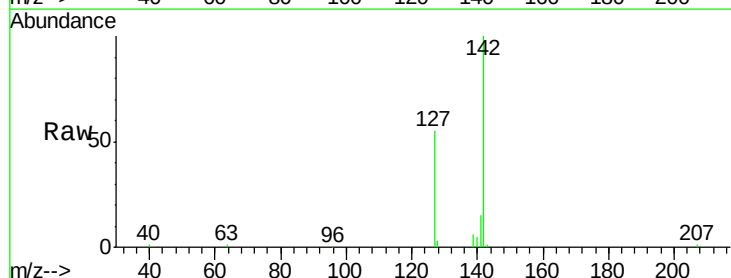
Tgt Ion:142 Resp: 111445

Ion Ratio Lower Upper

142 100

127 55.5 42.2 63.2

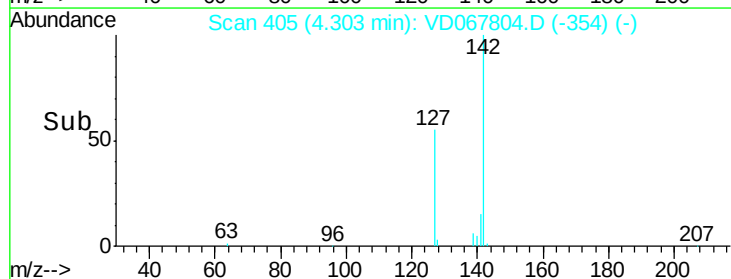
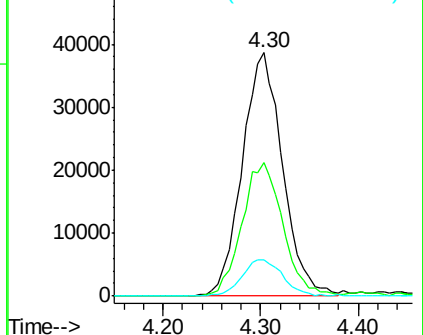
141 15.0 11.8 17.6

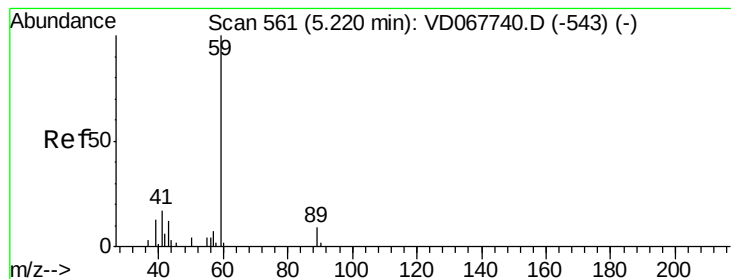


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 204.855 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

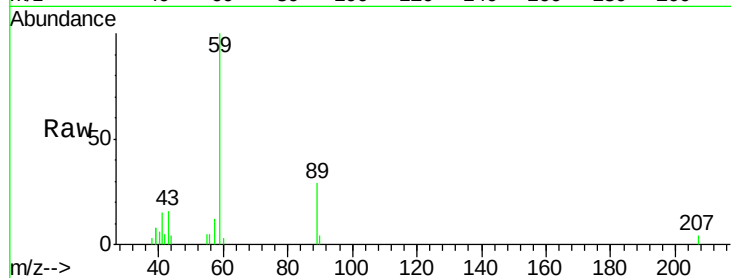
VSTDCCC050

Tgt Ion: 59 Resp: 25563

Ion Ratio Lower Upper

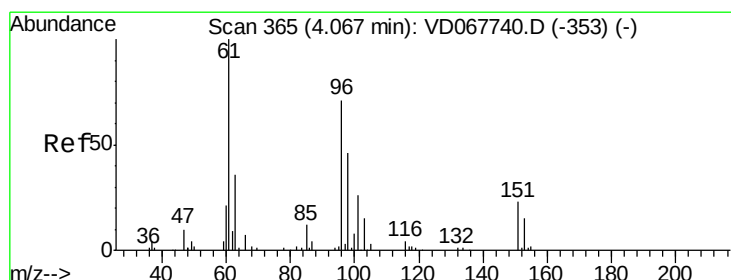
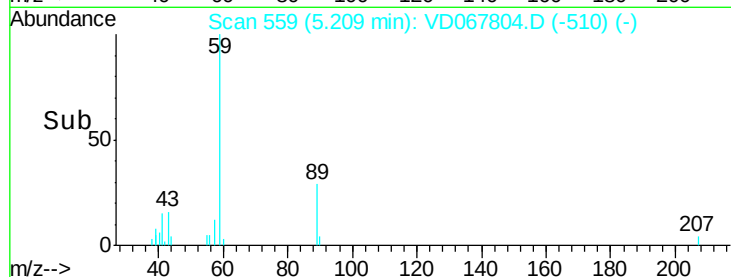
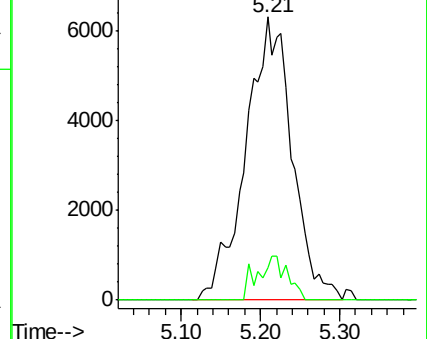
59 100

57 9.9 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 49.556 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

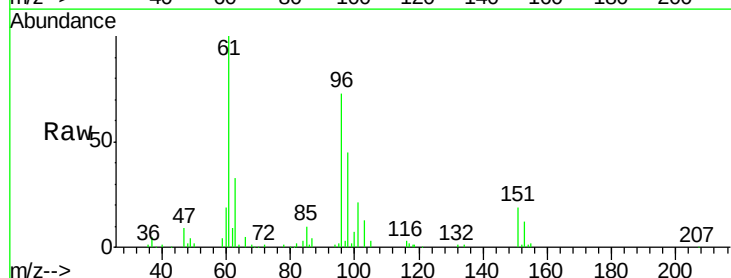
Tgt Ion: 96 Resp: 95812

Ion Ratio Lower Upper

96 100

61 137.6 112.9 169.3

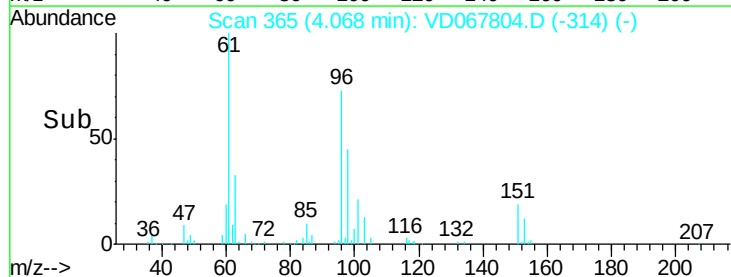
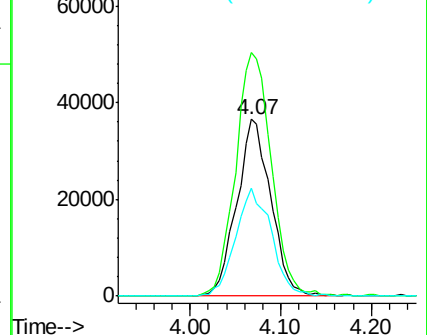
98 61.3 52.4 78.6

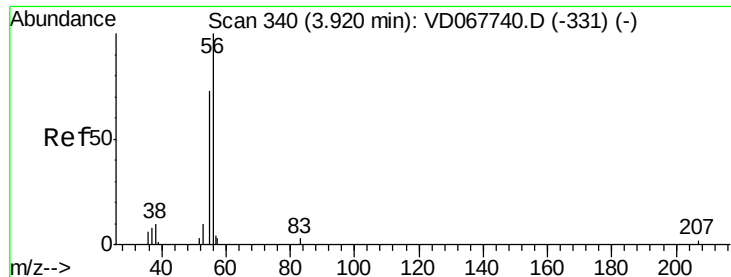


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 223.828 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

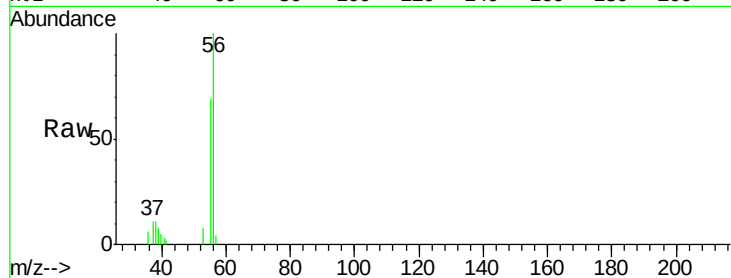
VSTDCCC050

Tgt Ion: 56 Resp: 21247

Ion Ratio Lower Upper

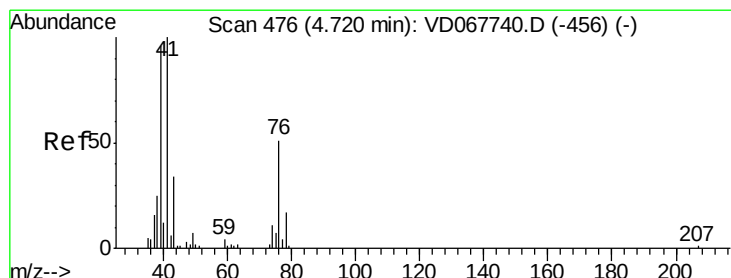
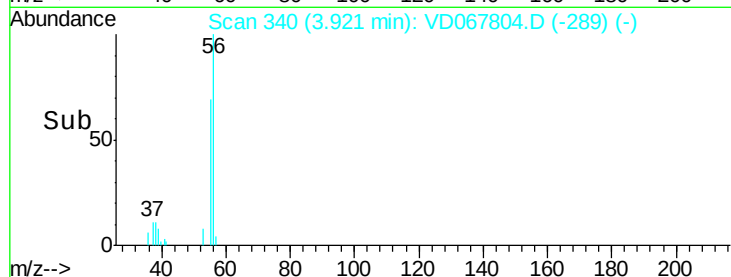
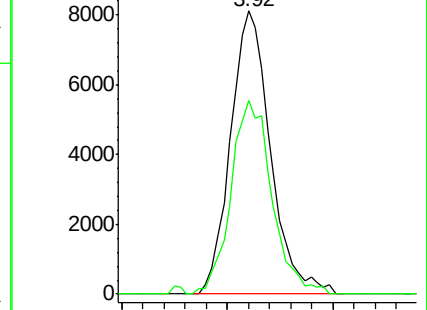
56 100

55 70.0 61.2 91.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 48.208 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

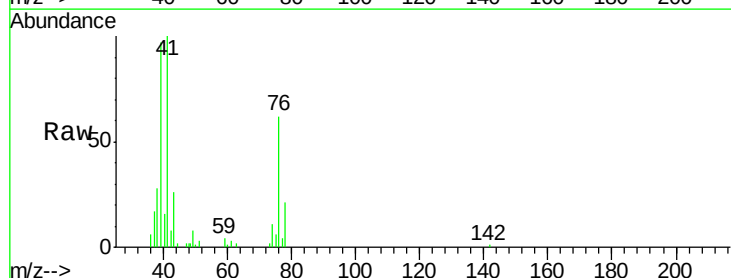
Tgt Ion: 41 Resp: 90098

Ion Ratio Lower Upper

41 100

39 99.6 74.6 111.8

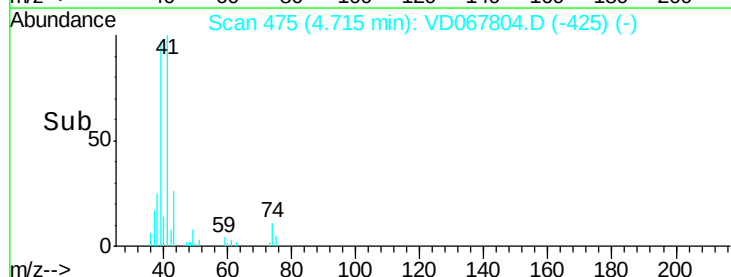
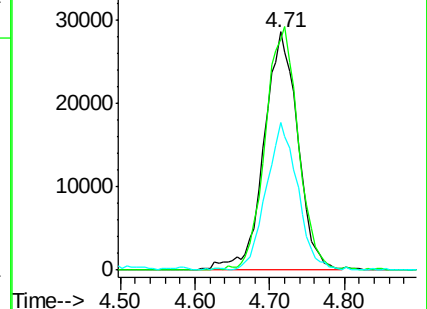
76 57.3 43.3 64.9

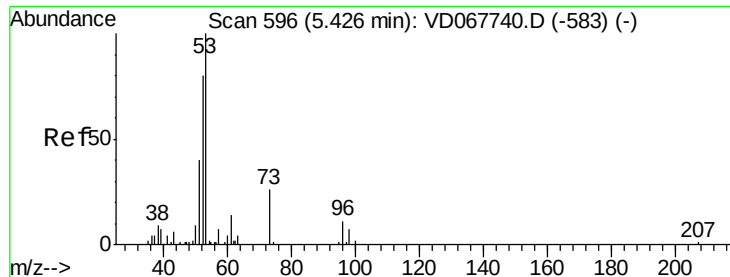


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 224.077 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

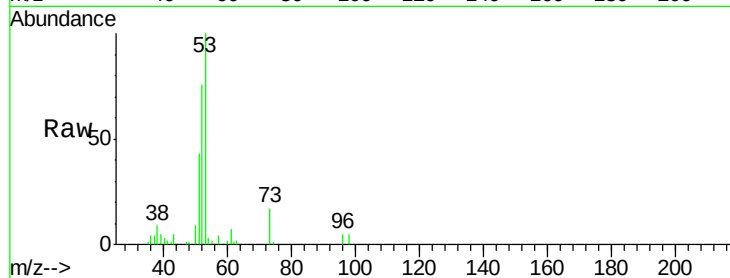
Tgt Ion: 53 Resp: 68755

Ion Ratio Lower Upper

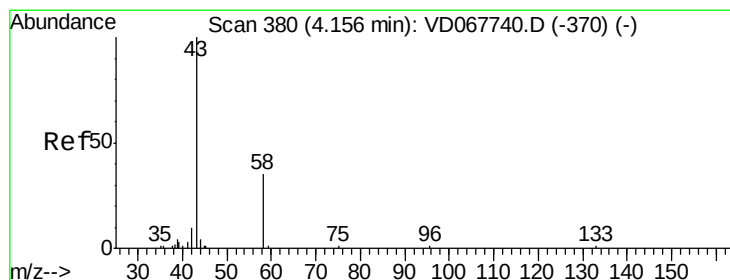
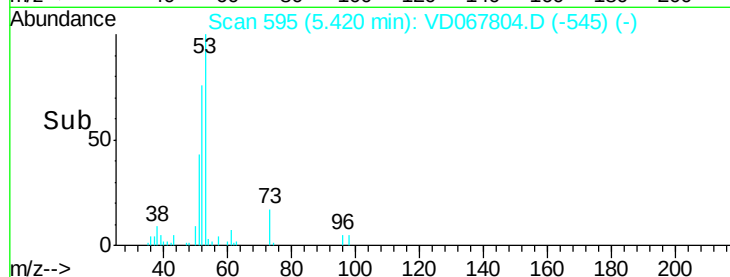
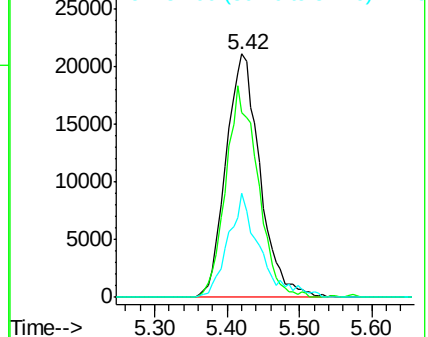
53 100

52 81.6 63.4 95.2

51 40.0 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 295.414 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067804.D

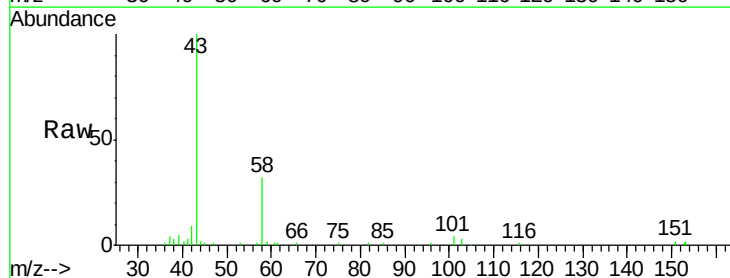
Acq: 30 Nov 2020 10:03

Tgt Ion: 43 Resp: 87401

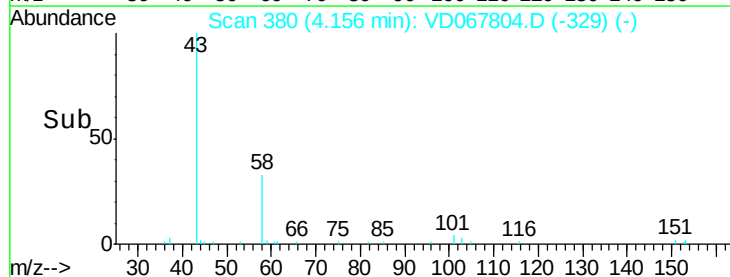
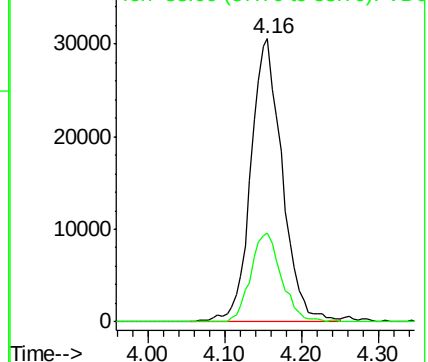
Ion Ratio Lower Upper

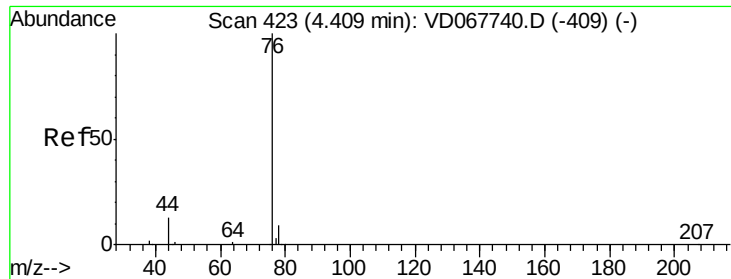
43 100

58 31.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

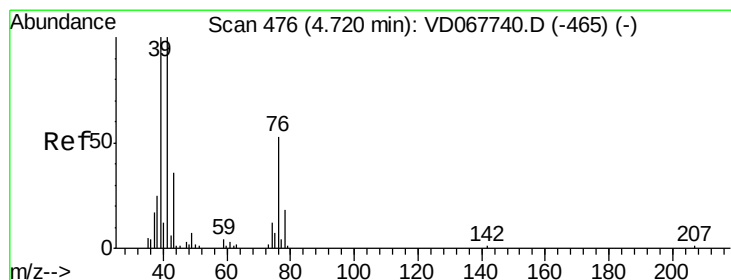
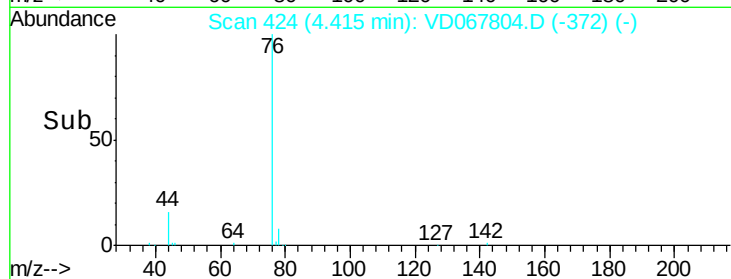
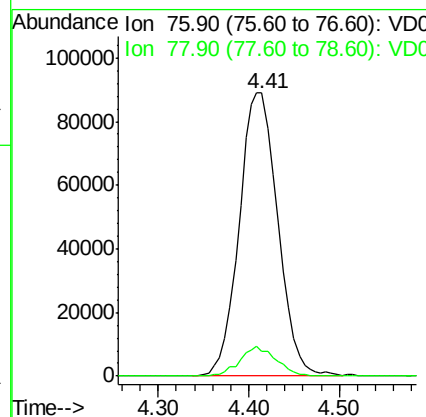
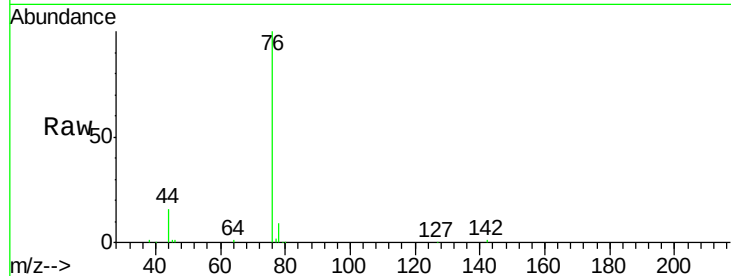




#17
Carbon Disulfide
Concen: 47.037 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

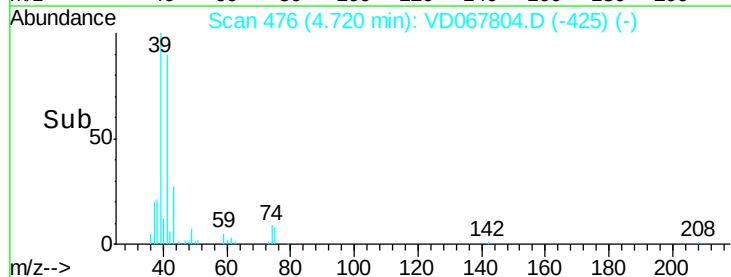
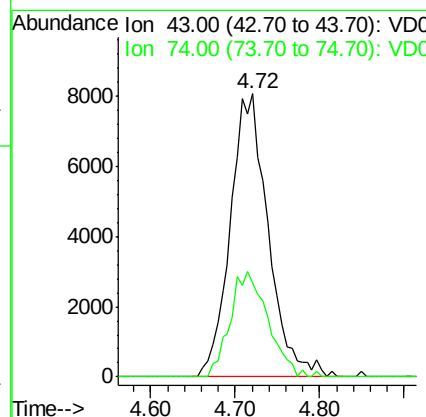
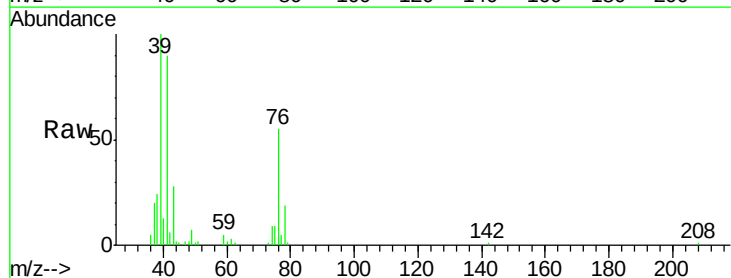
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

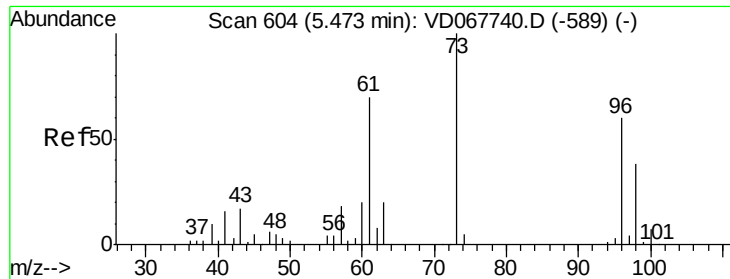
Tgt Ion: 76 Resp: 263033
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 42.080 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 43 Resp: 25047
Ion Ratio Lower Upper
43 100
74 36.8 29.7 44.5

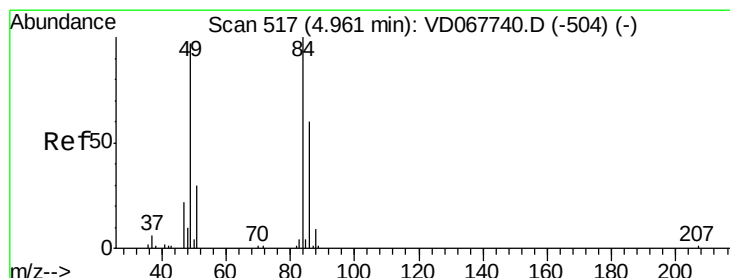
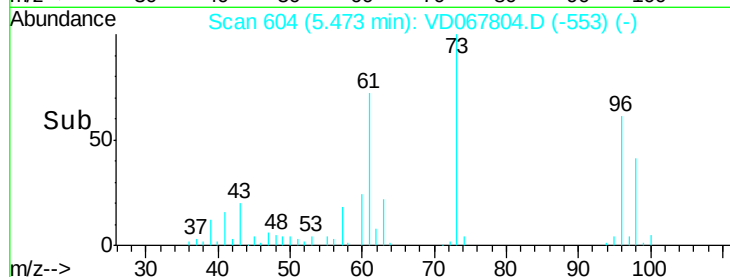
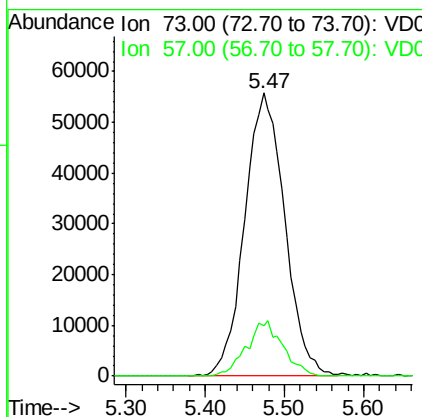
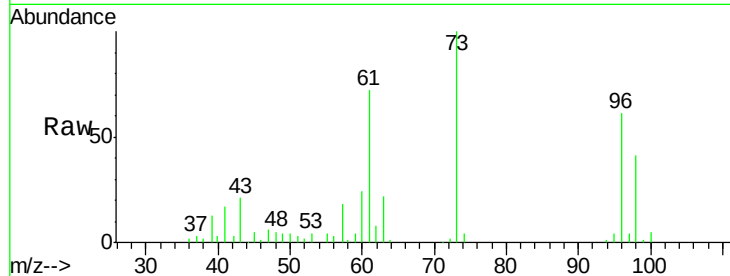




#19
Methyl tert-butyl Ether
Concen: 47.469 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

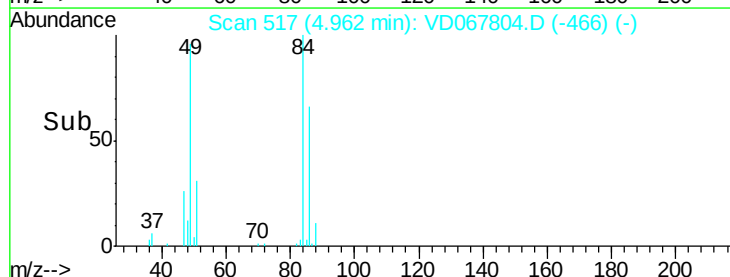
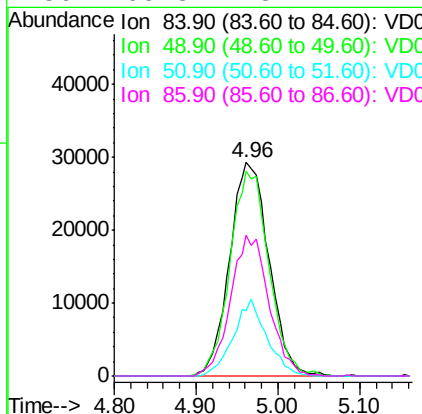
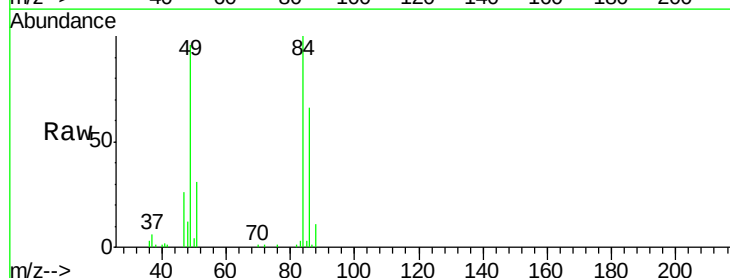
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

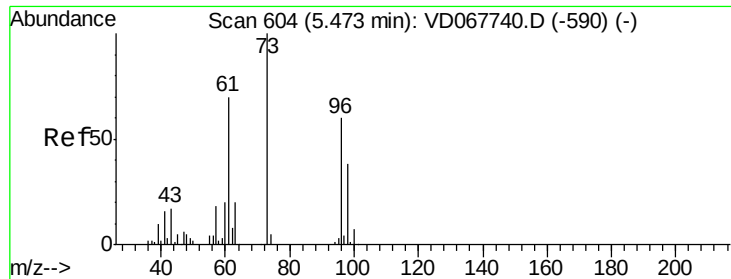
Tgt Ion: 73 Resp: 196146
Ion Ratio Lower Upper
73 100
57 18.0 14.8 22.2



#20
Methylene Chloride
Concen: 42.765 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 84 Resp: 98105
Ion Ratio Lower Upper
84 100
49 96.1 77.4 116.2
51 30.7 24.1 36.1
86 65.8 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 48.422 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

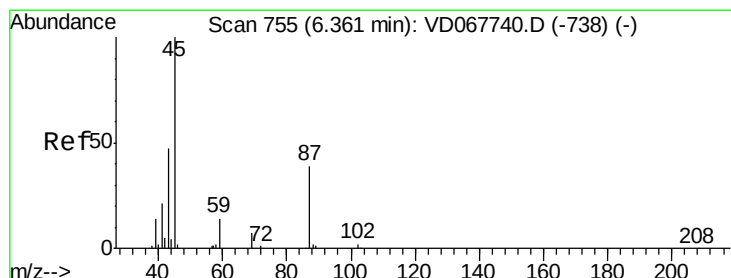
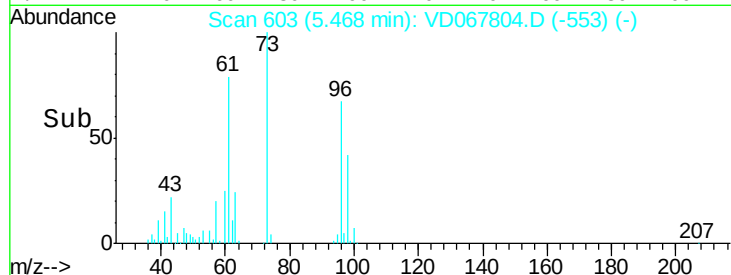
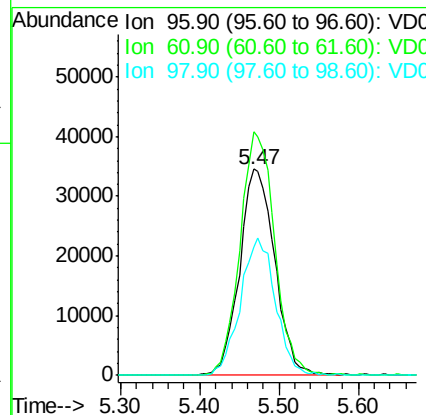
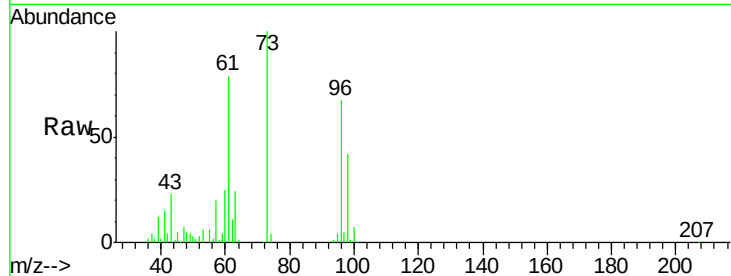
Tgt Ion: 96 Resp: 106438

Ion Ratio Lower Upper

96 100

61 118.2 94.0 141.0

98 62.1 51.3 76.9



#22

Diisopropyl ether

Concen: 47.428 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Tgt Ion: 45 Resp: 174973

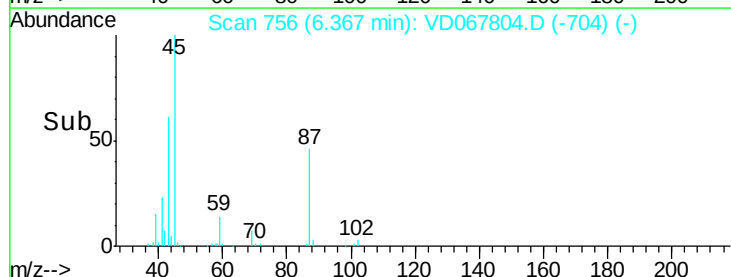
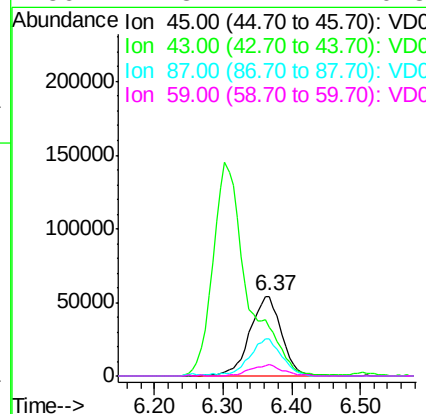
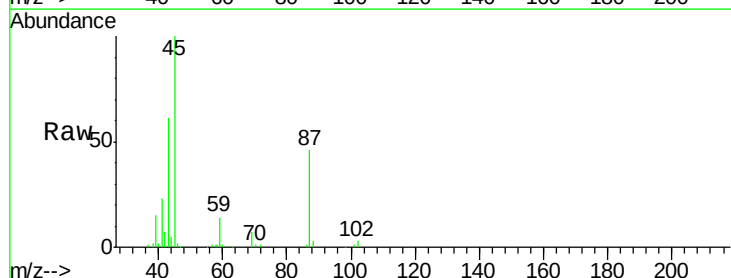
Ion Ratio Lower Upper

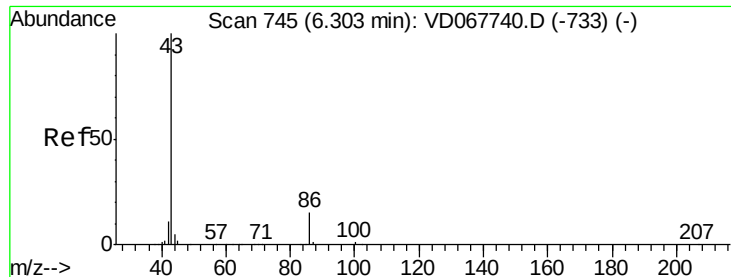
45 100

43 59.2 46.8 70.2

87 45.5 32.9 49.3

59 14.3 11.2 16.8





#23

Vinyl Acetate

Concen: 243.869 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

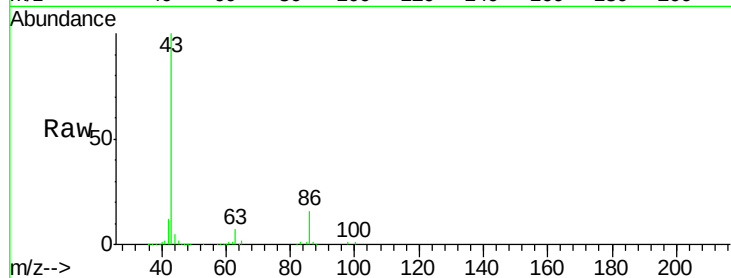
VSTDCCC050

Tgt Ion: 43 Resp: 507505

Ion Ratio Lower Upper

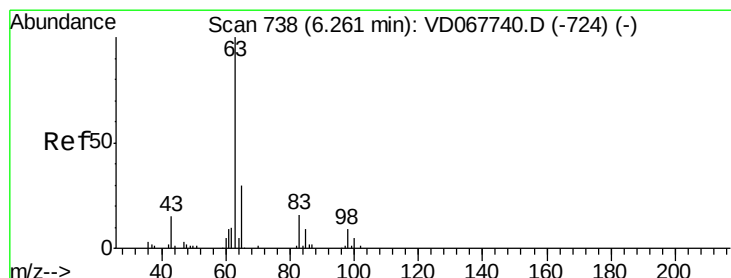
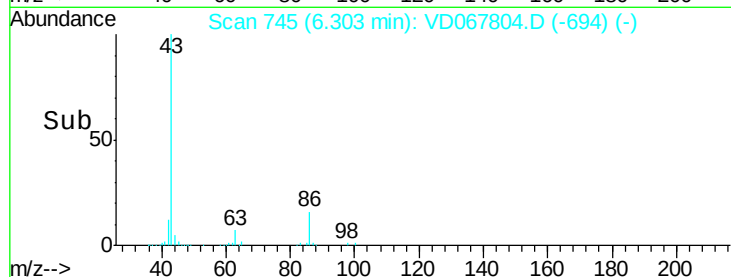
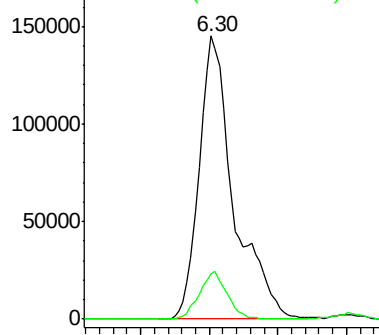
43 100

86 15.8 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.033 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

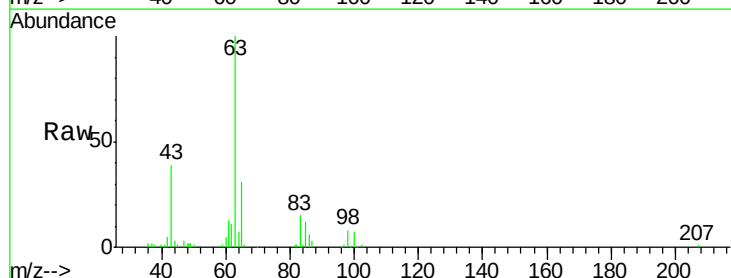
Tgt Ion: 63 Resp: 150238

Ion Ratio Lower Upper

63 100

98 7.9 4.4 13.2

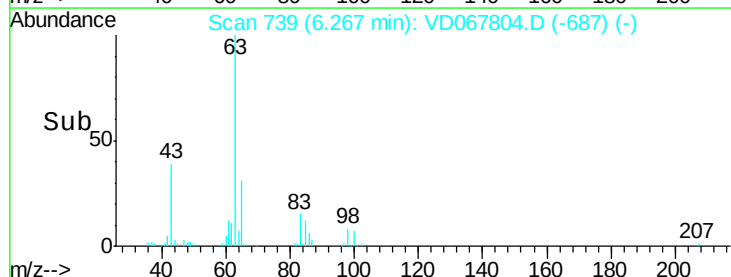
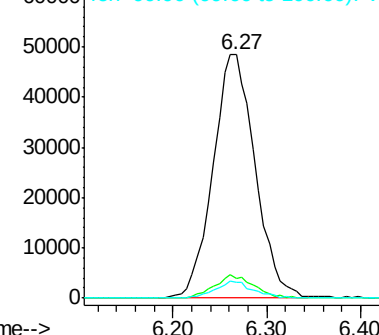
100 6.7 2.6 8.0

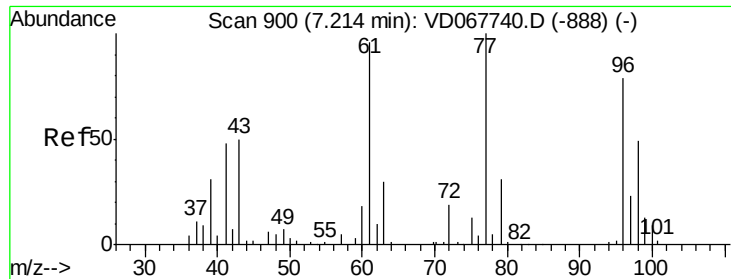


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

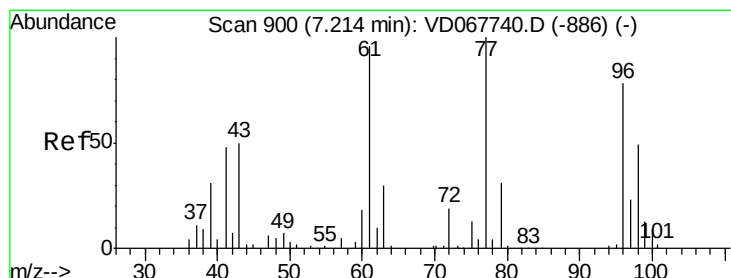
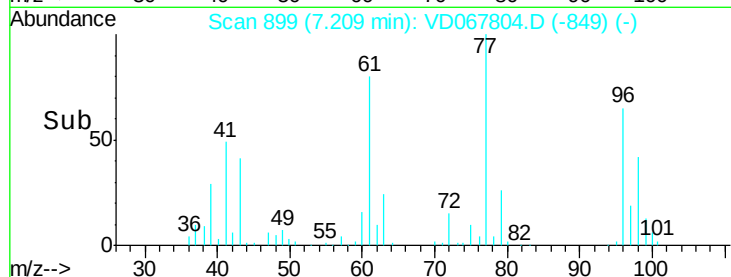
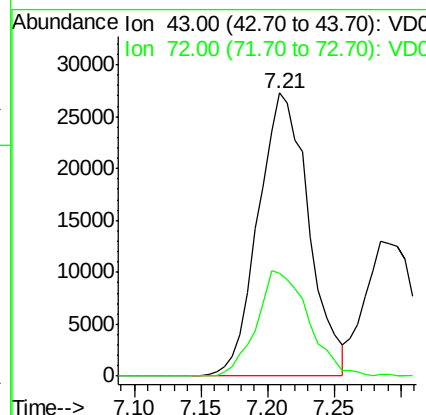
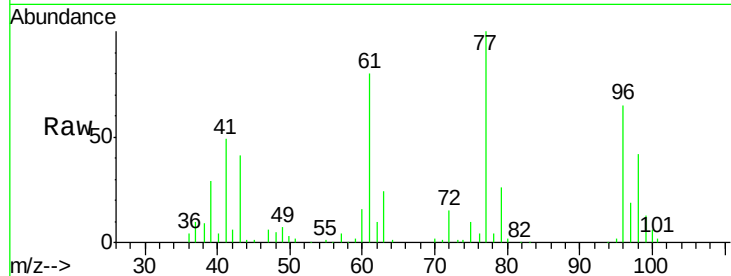




#25
2-Butanone
Concen: 216.685 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

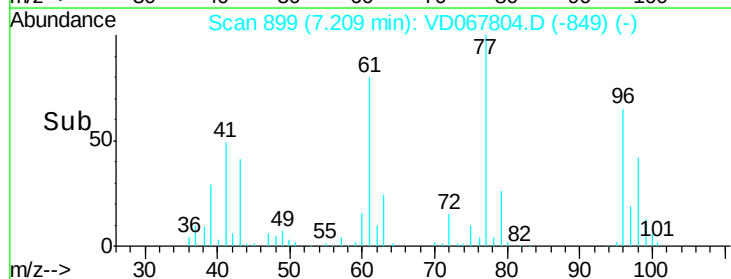
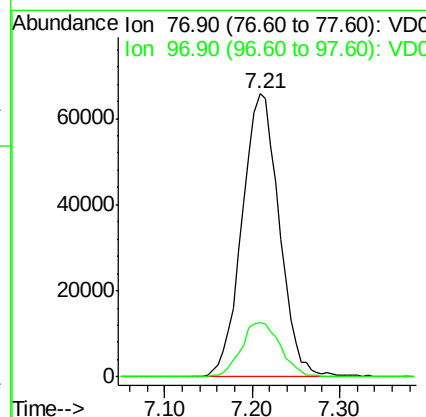
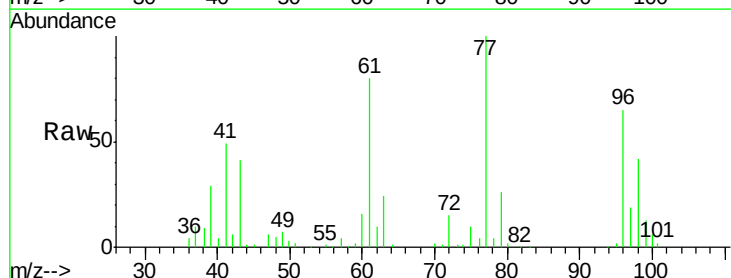
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

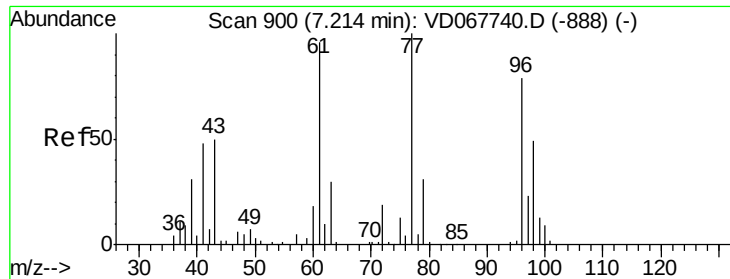
Tgt Ion: 43 Resp: 71939
Ion Ratio Lower Upper
43 100
72 36.2 30.8 46.2



#26
2,2-Dichloropropane
Concen: 51.376 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 77 Resp: 189575
Ion Ratio Lower Upper
77 100
97 20.3 11.1 33.3

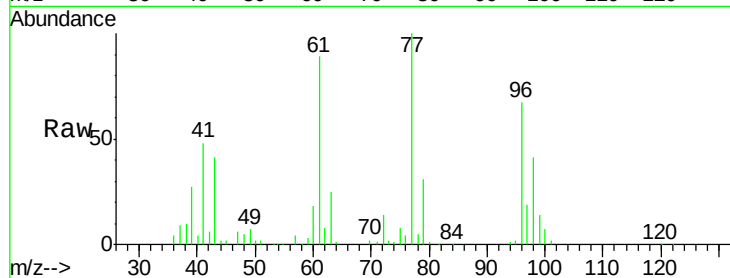




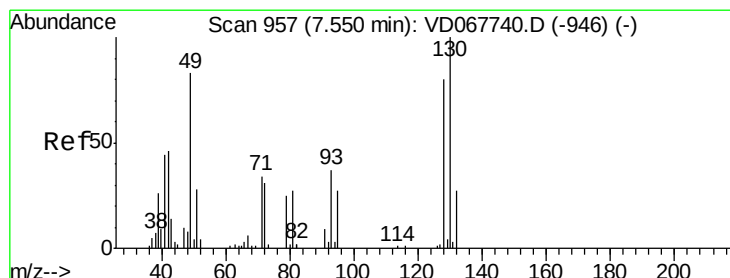
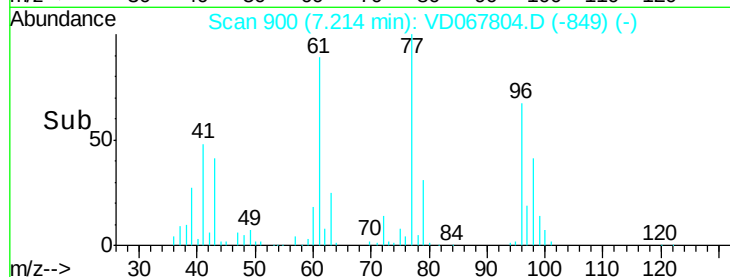
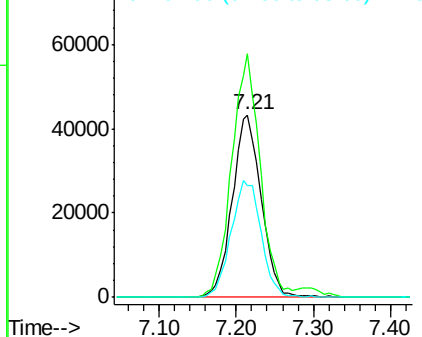
#27
 cis-1,2-Dichloroethene
 Concen: 48.758 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 114239
 Ion Ratio Lower Upper
 96 100
 61 130.5 0.0 258.0
 98 66.0 0.0 131.8

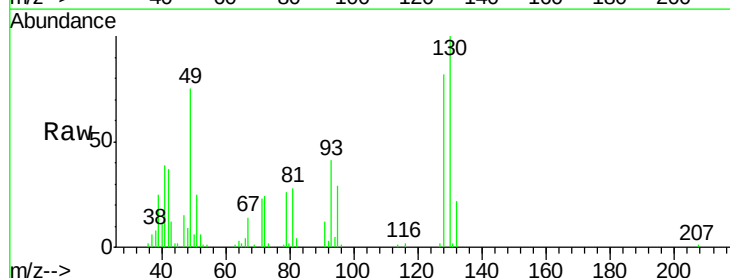


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC

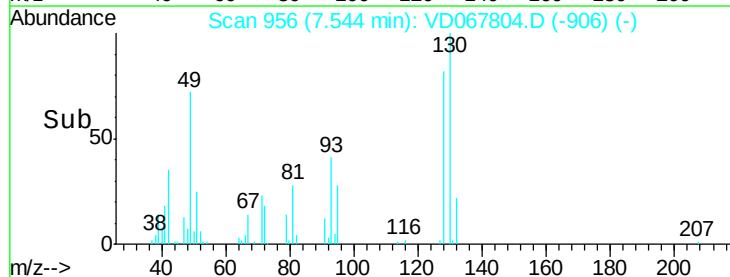
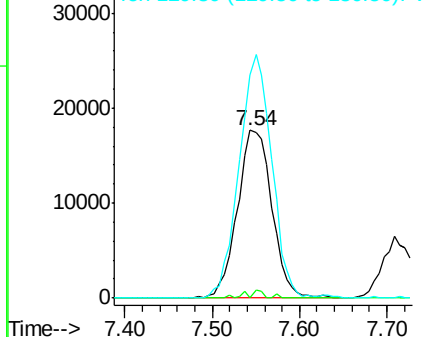


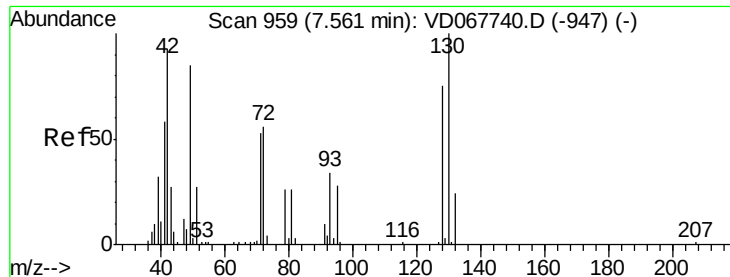
#28
 Bromochloromethane
 Concen: 47.086 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 49 Resp: 47176
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 7.0
 130 137.0 102.2 153.4



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





#29

Tetrahydrofuran

Concen: 218.218 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

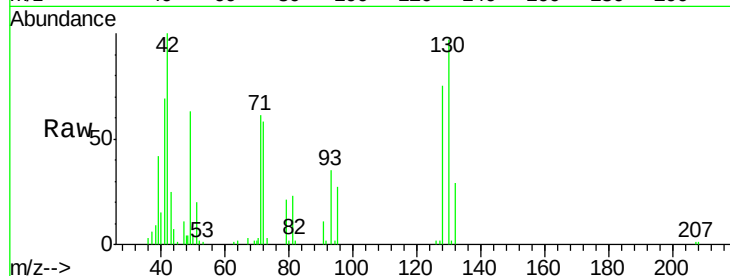
Tgt Ion: 42 Resp: 41191

Ion Ratio Lower Upper

42 100

72 70.7 49.3 73.9

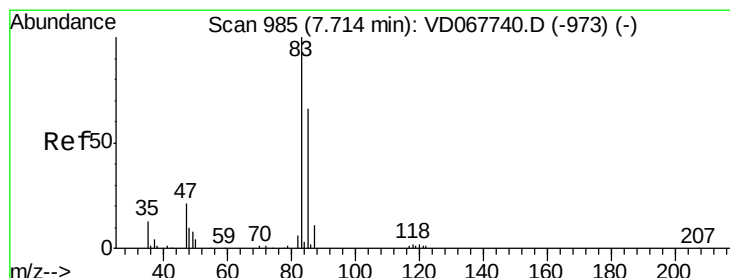
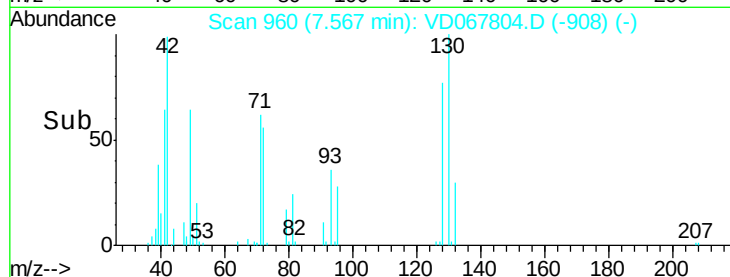
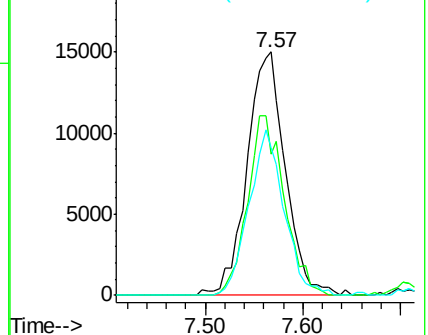
71 62.4 45.9 68.9



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 48.987 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067804.D

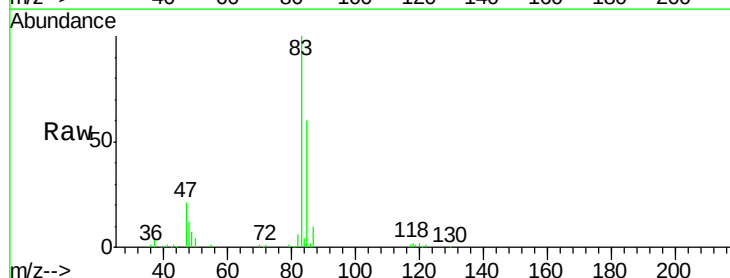
Acq: 30 Nov 2020 10:03

Tgt Ion: 83 Resp: 200365

Ion Ratio Lower Upper

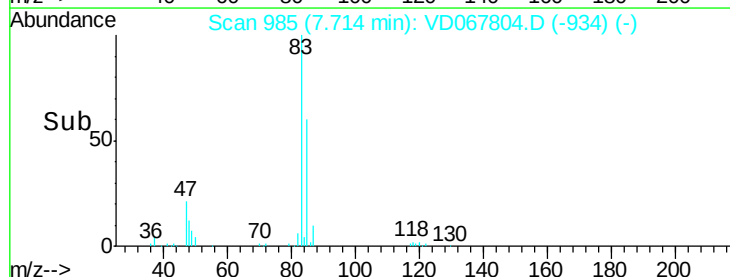
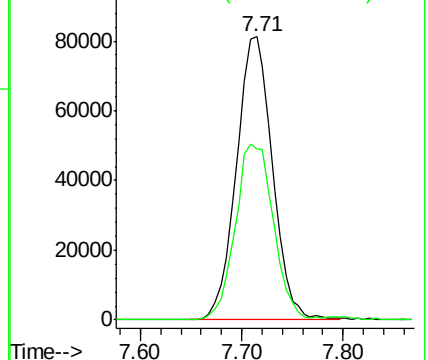
83 100

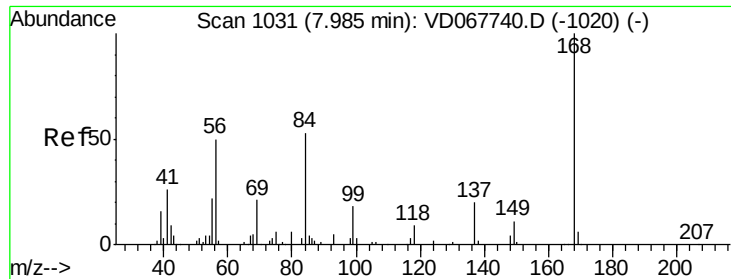
85 60.4 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

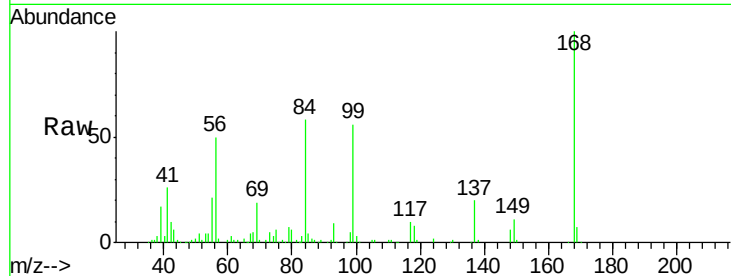




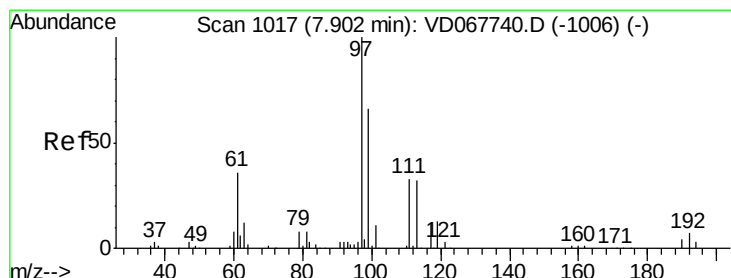
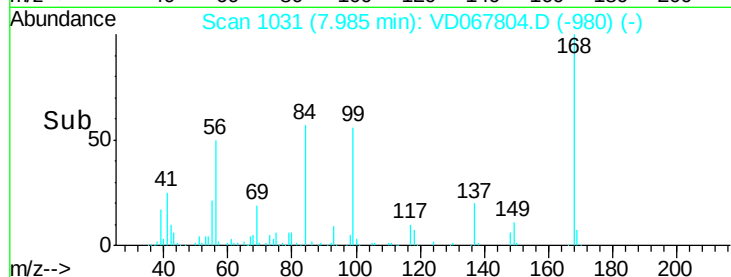
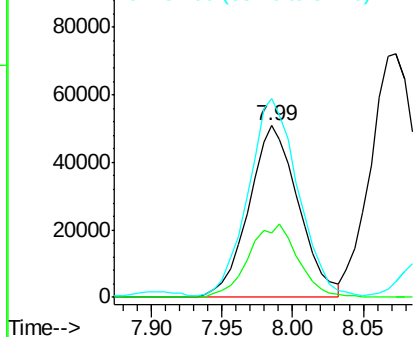
#31
Cyclohexane
Concen: 45.285 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 125485
Ion Ratio Lower Upper
56 100
69 37.5 33.2 49.8
84 114.5 84.8 127.2

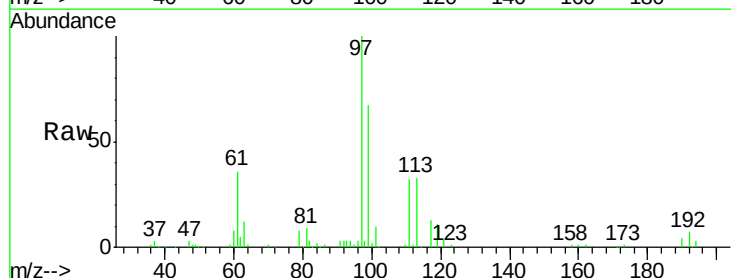


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

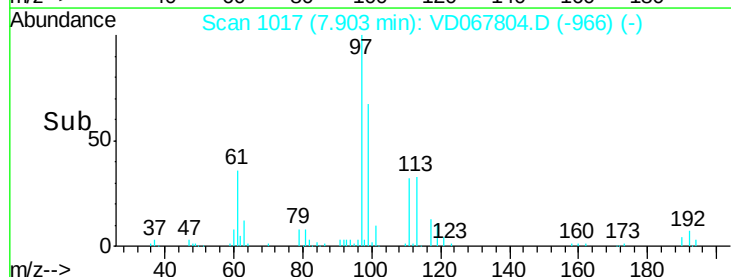
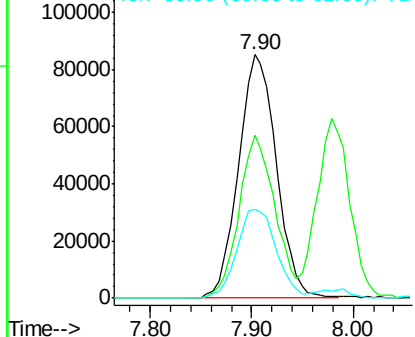


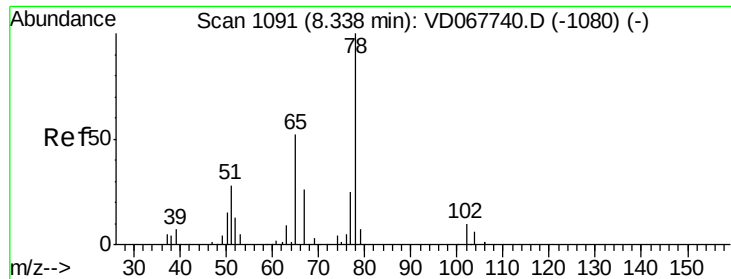
#32
1,1,1-Trichloroethane
Concen: 50.922 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 97 Resp: 220580
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 37.9 29.4 44.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

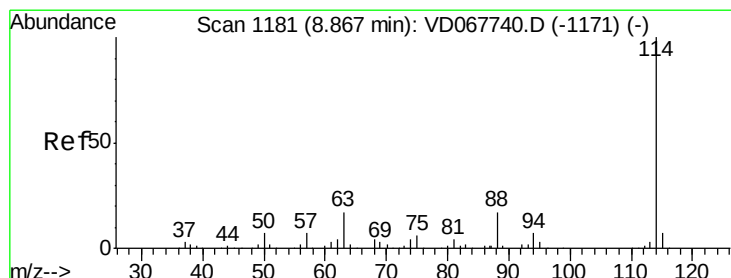
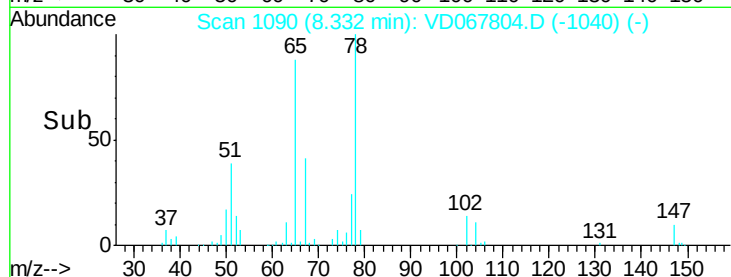
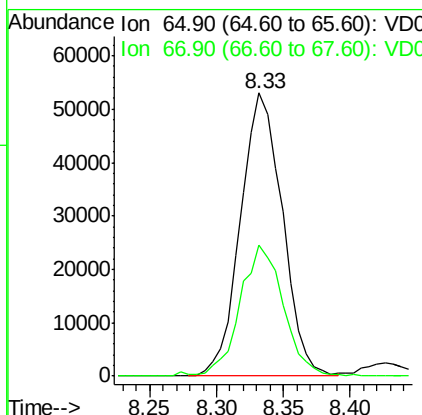
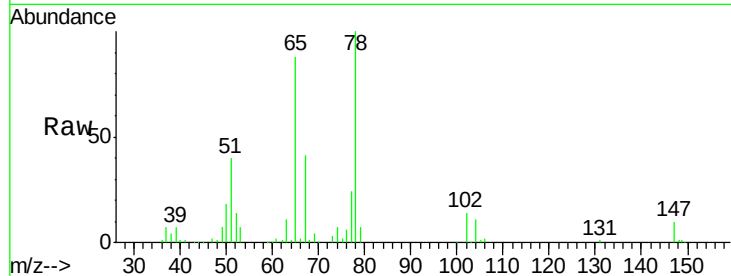




#33
 1,2-Dichloroethane-d4
 Concen: 50.379 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

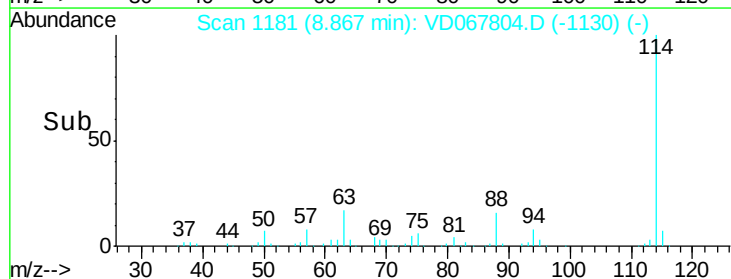
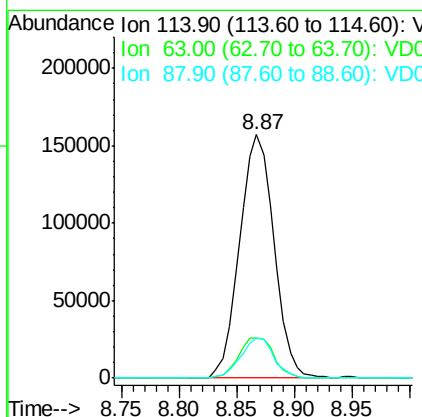
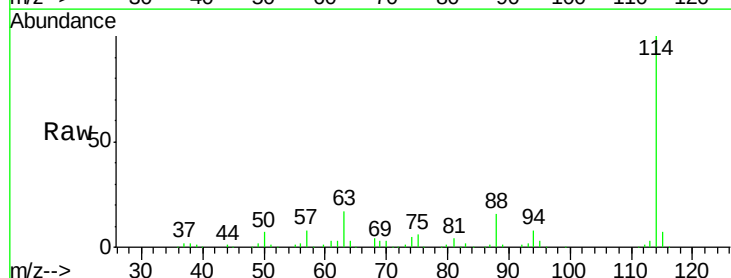
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

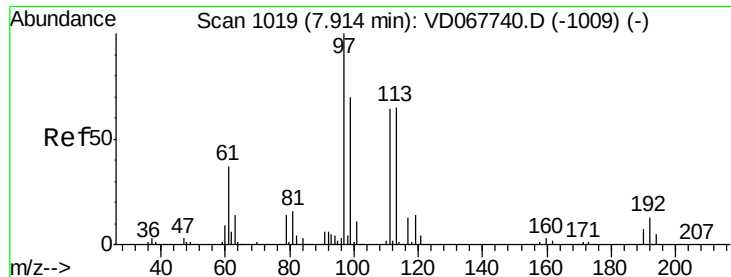
Tgt Ion: 65 Resp: 115377
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 114 Resp: 326404
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 34.8
 88 16.3 0.0 34.4

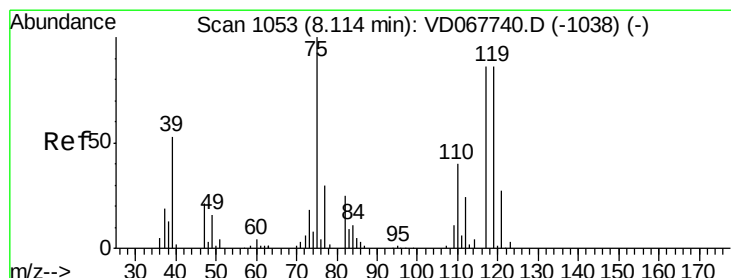
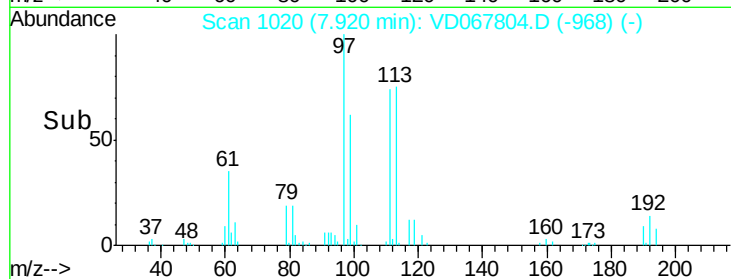
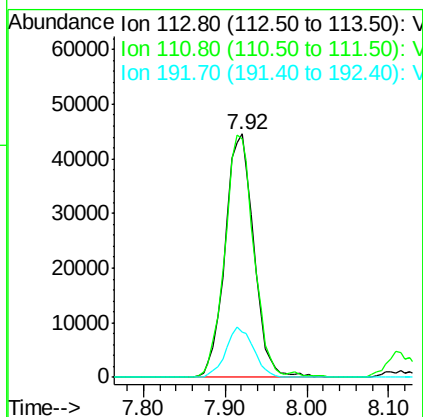
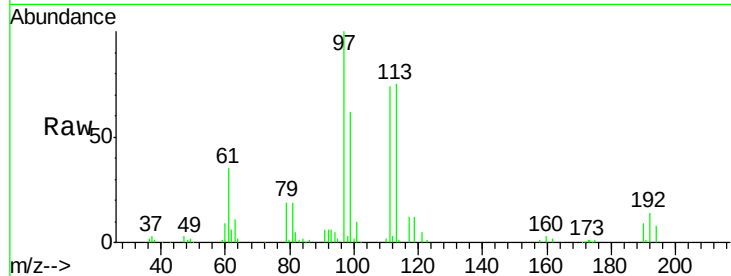




#35
 Dibromofluoromethane
 Concen: 52.468 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

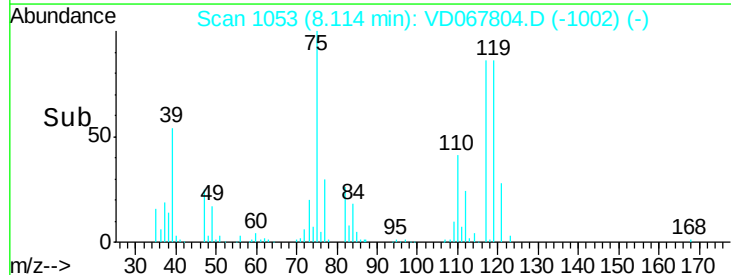
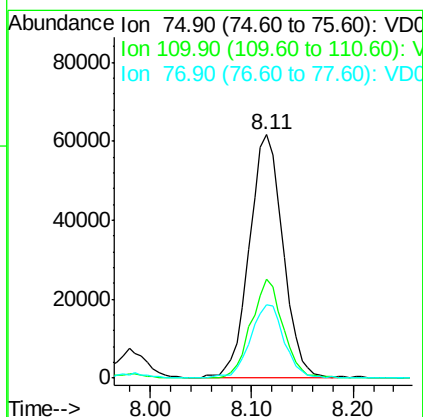
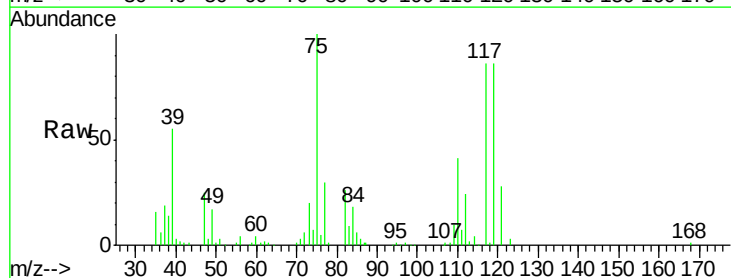
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

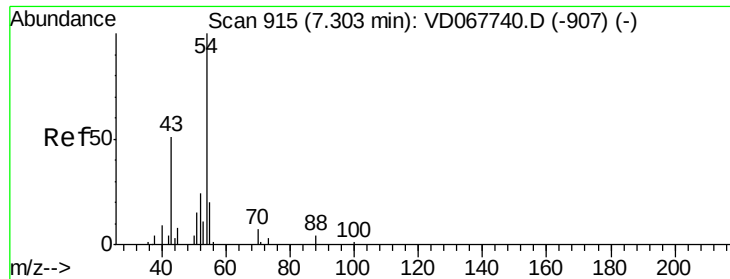
Tgt Ion: 113 Resp: 108989
 Ion Ratio Lower Upper
 113 100
 111 99.3 81.4 122.0
 192 19.9 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 51.153 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 75 Resp: 143275
 Ion Ratio Lower Upper
 75 100
 110 38.4 20.1 60.2
 77 30.3 24.8 37.2

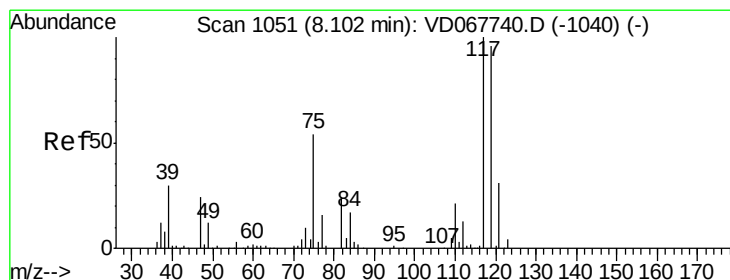
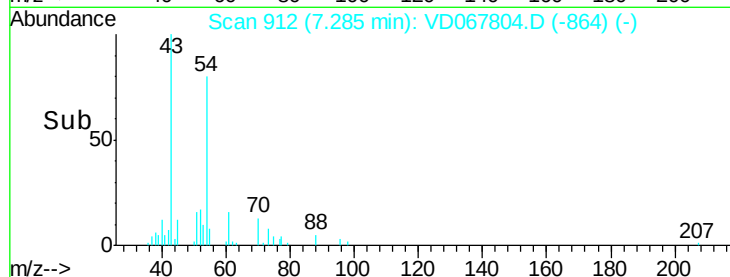
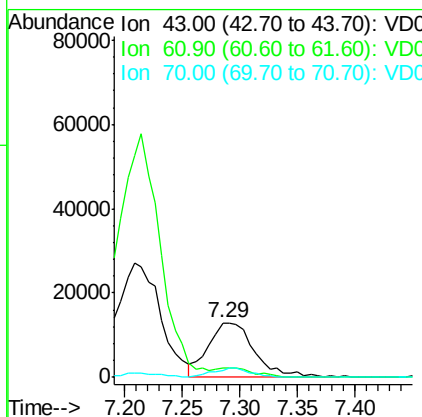
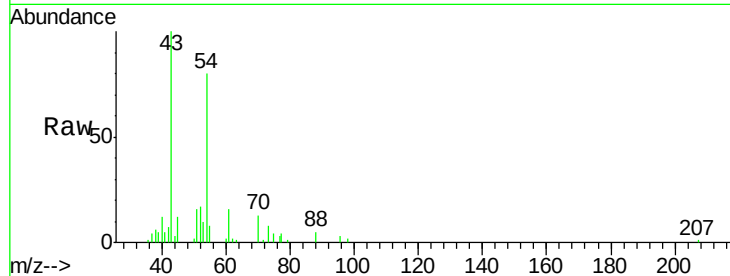




#37
Ethyl Acetate
Concen: 47.913 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

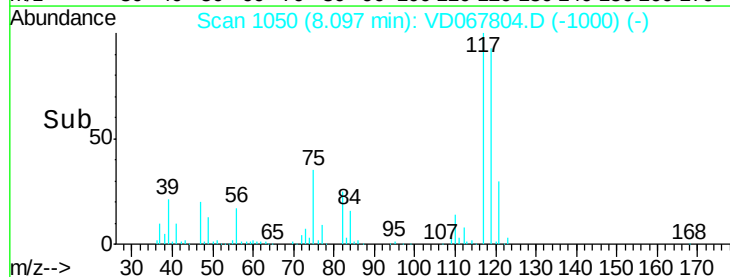
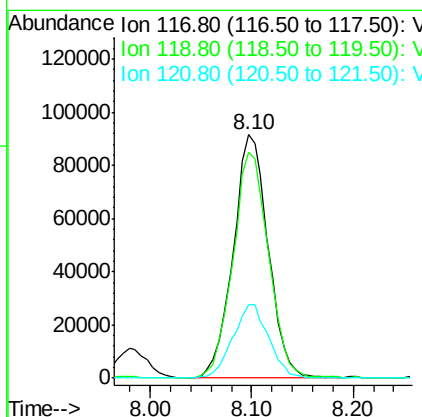
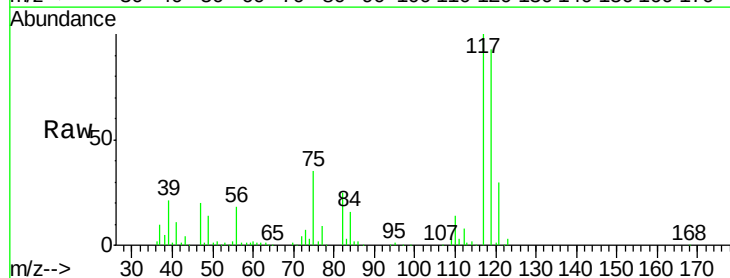
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

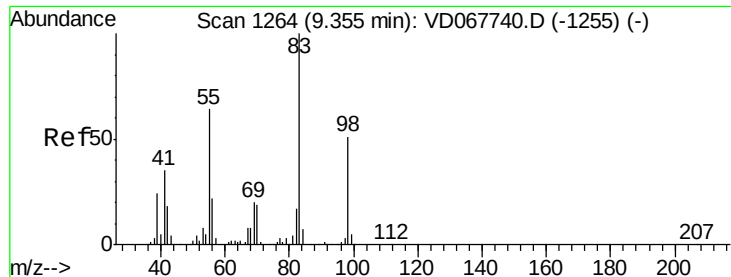
Tgt Ion: 43 Resp: 36085
Ion Ratio Lower Upper
43 100
61 0.0 12.9 19.3#
70 13.9 12.2 18.2



#38
Carbon Tetrachloride
Concen: 53.814 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 117 Resp: 218490
Ion Ratio Lower Upper
117 100
119 92.3 76.6 115.0
121 30.3 24.5 36.7

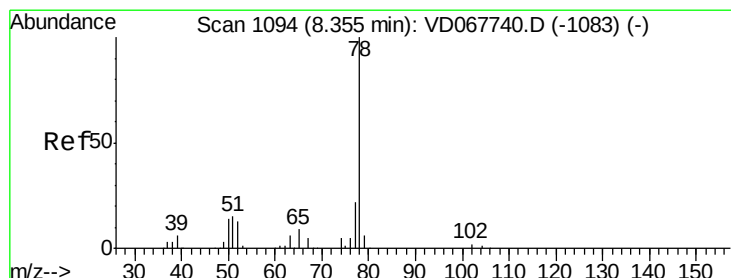
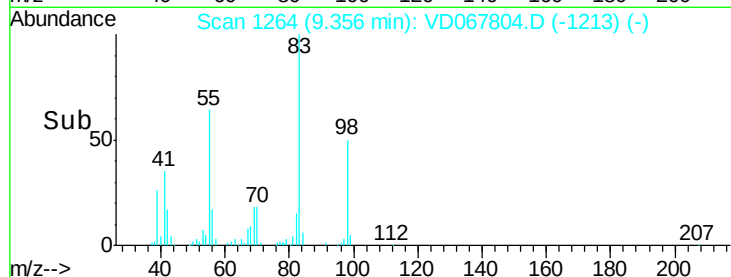
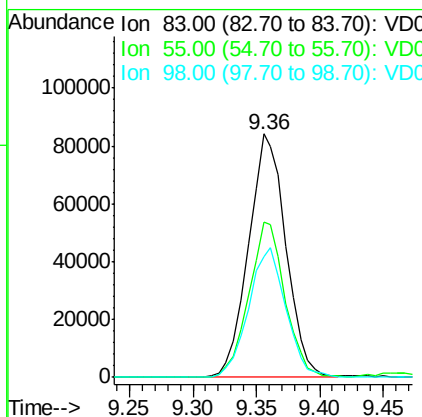
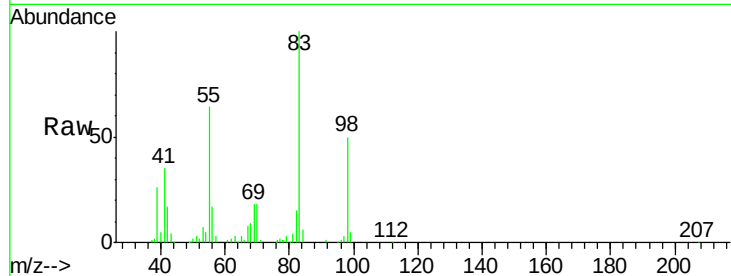




#39
Methylcyclohexane
Concen: 52.055 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

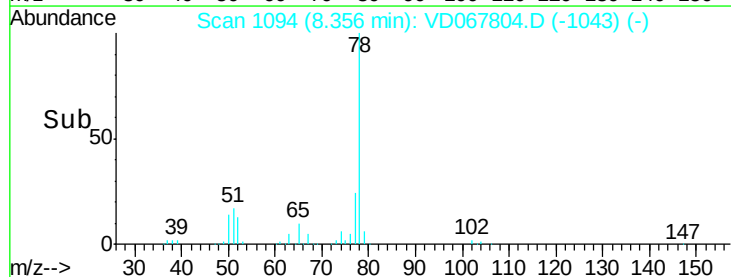
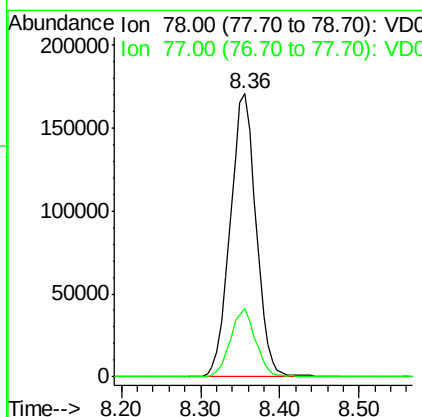
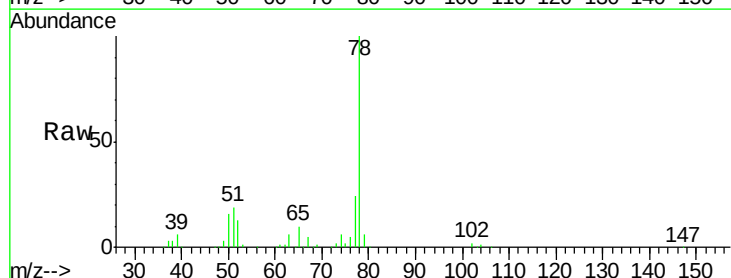
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

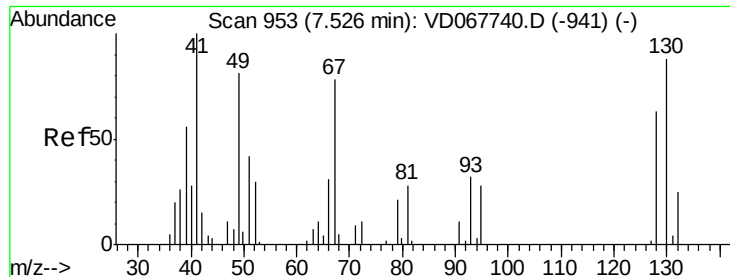
Tgt Ion: 83 Resp: 172545
Ion Ratio Lower Upper
83 100
55 63.6 51.0 76.4
98 49.6 40.4 60.6



#40
Benzene
Concen: 50.108 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 78 Resp: 385461
Ion Ratio Lower Upper
78 100
77 24.1 17.8 26.6





#41

Methacrylonitrile

Concen: 45.761 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 17599

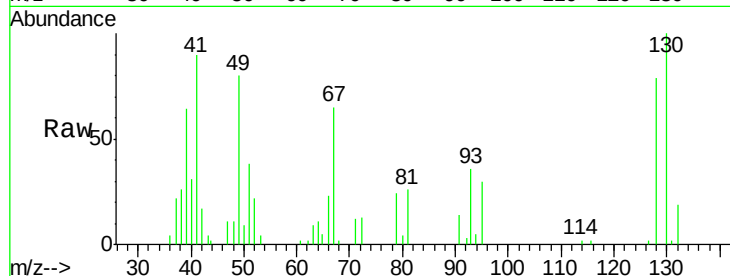
Ion Ratio Lower Upper

41 100

39 70.8 50.2 75.4

67 110.1 79.0 118.6

52 45.6 32.4 48.6

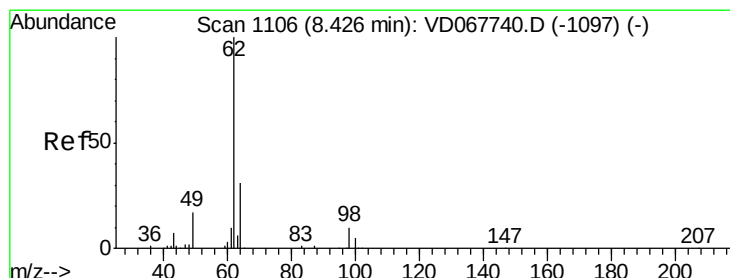
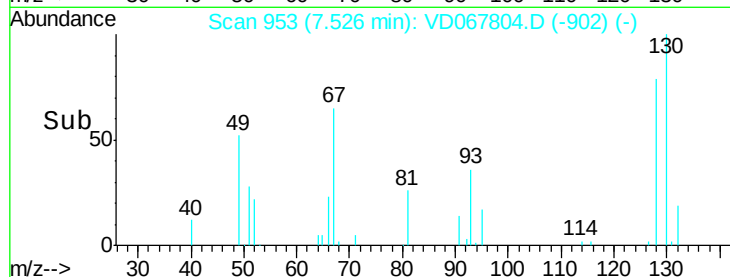
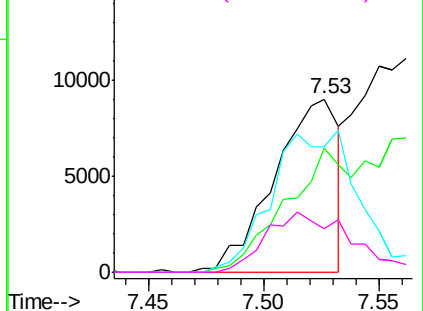


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 50.074 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067804.D

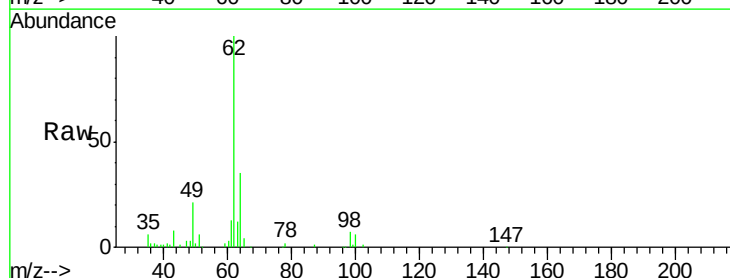
Acq: 30 Nov 2020 10:03

Tgt Ion: 62 Resp: 130699

Ion Ratio Lower Upper

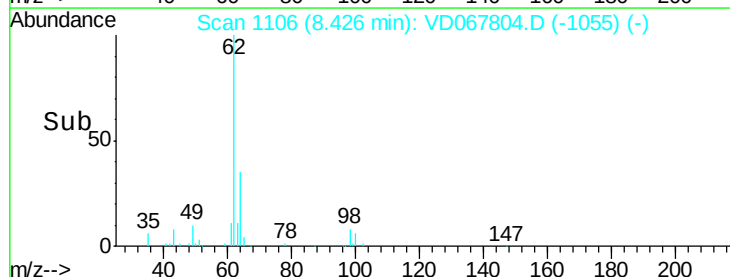
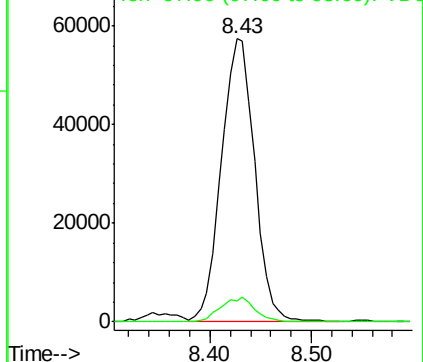
62 100

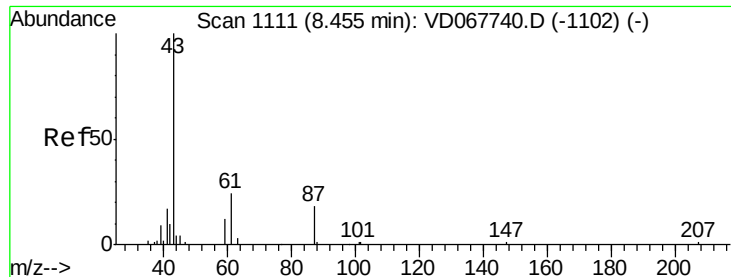
98 8.8 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 44.739 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

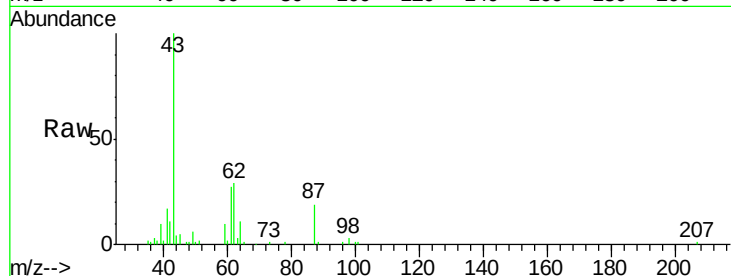
Tgt Ion: 43 Resp: 67289

Ion Ratio Lower Upper

43 100

61 42.0 30.2 45.4

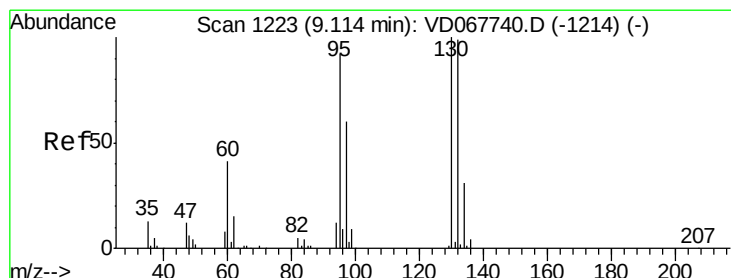
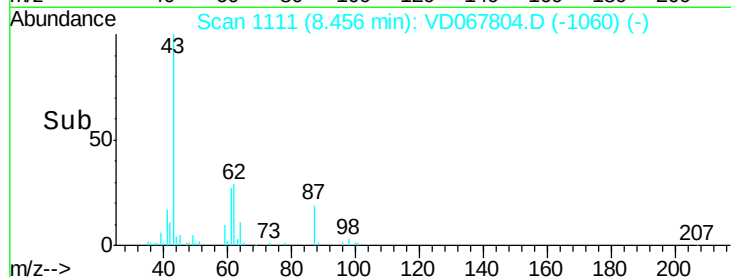
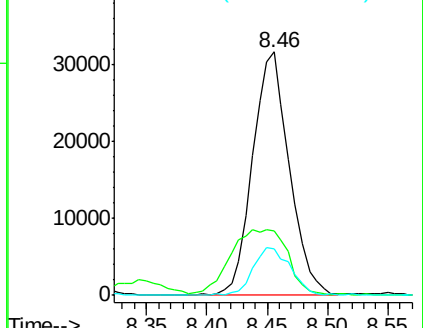
87 19.8 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.430 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD067804.D

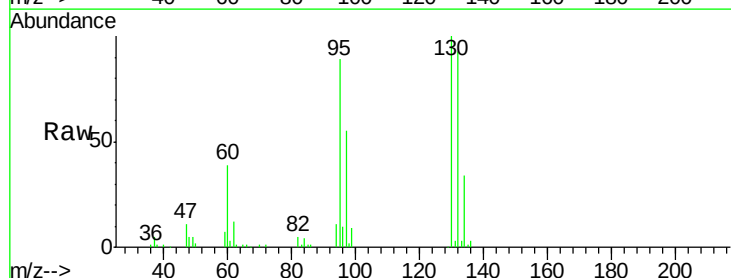
Acq: 30 Nov 2020 10:03

Tgt Ion: 130 Resp: 128574

Ion Ratio Lower Upper

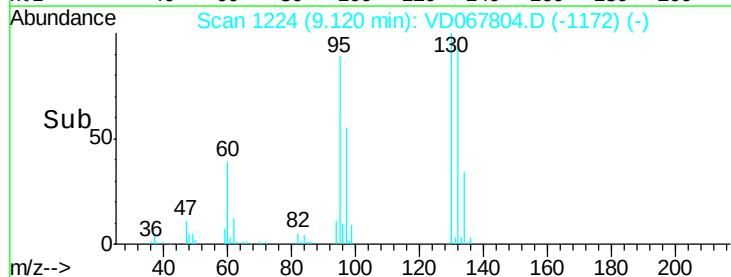
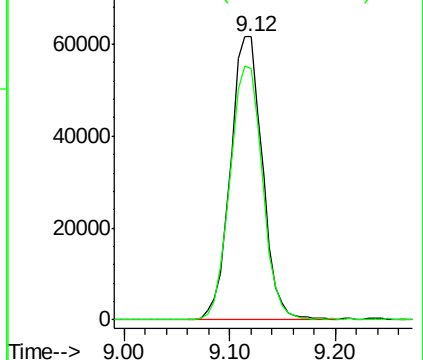
130 100

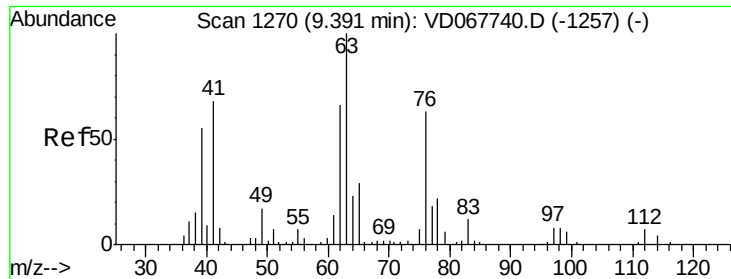
95 88.7 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

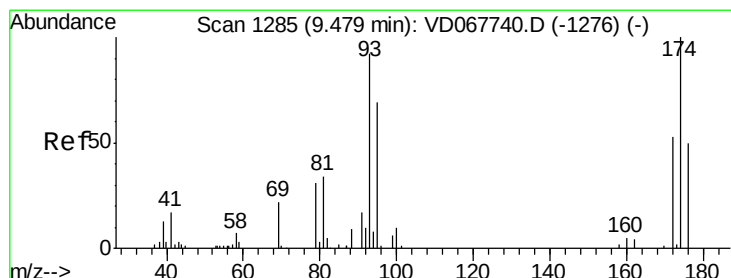
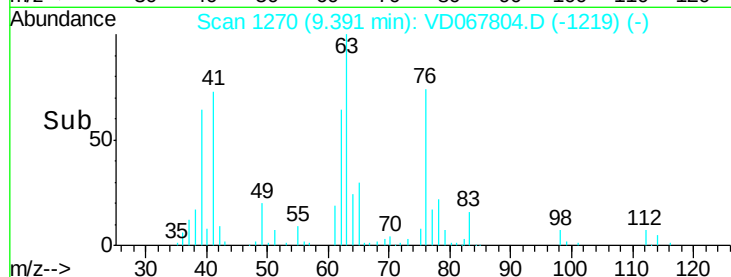
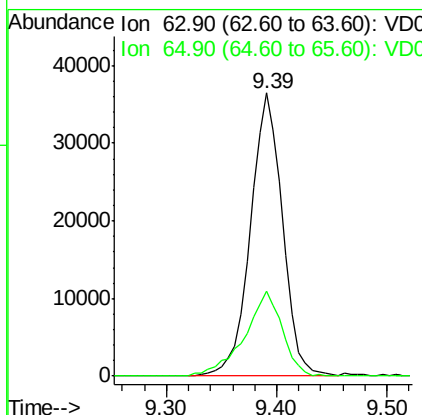
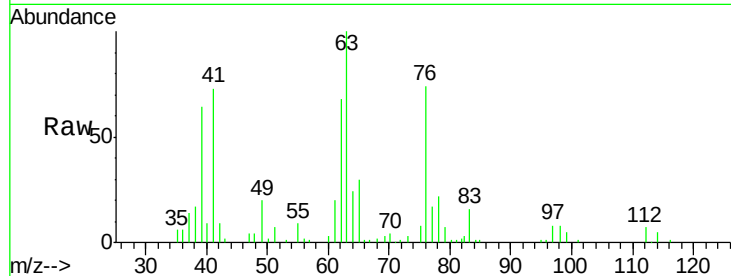




#45
 1,2-Dichloropropane
 Concen: 47.182 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

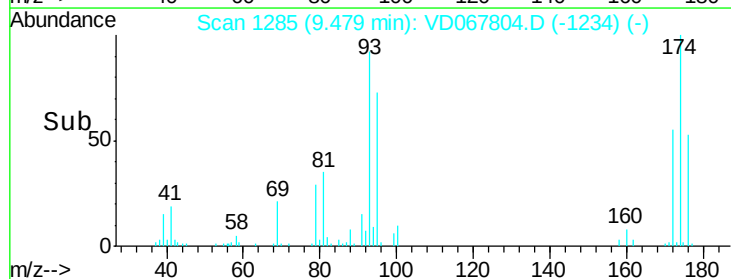
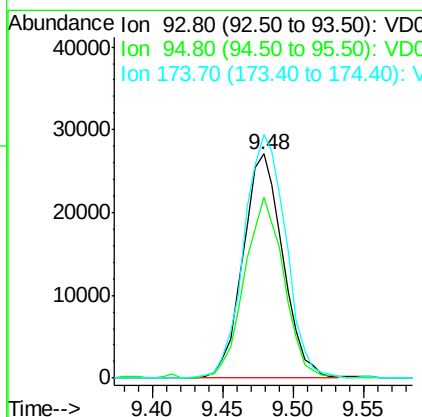
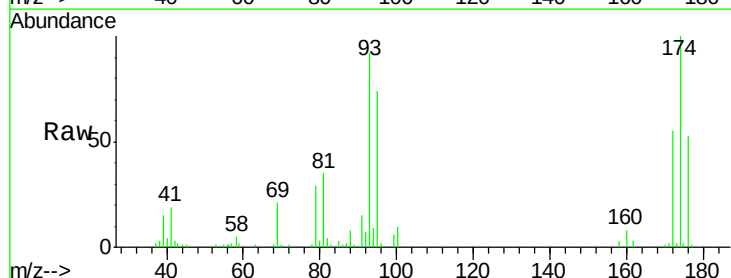
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

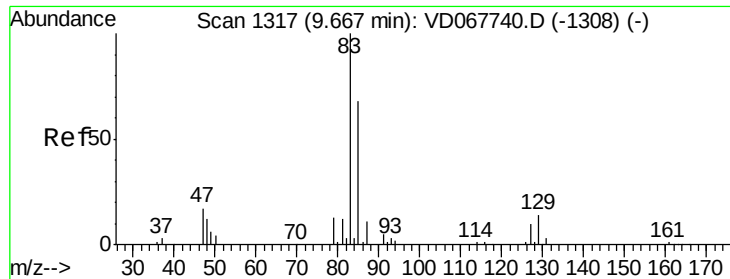
Tgt Ion: 63 Resp: 74474
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.1 34.7



#46
 Dibromomethane
 Concen: 49.854 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 93 Resp: 53574
 Ion Ratio Lower Upper
 93 100
 95 79.7 63.4 95.2
 174 114.0 89.6 134.4





#47

Bromodichloromethane

Concen: 49.745 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

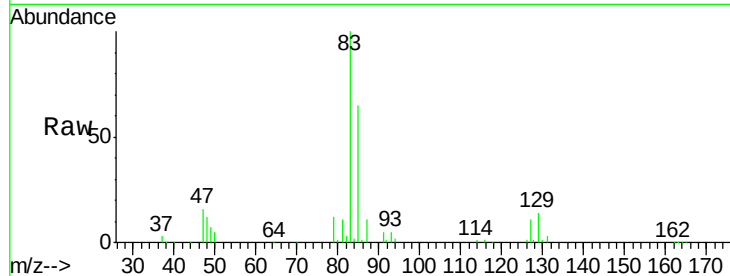
Tgt Ion: 83 Resp: 148859

Ion Ratio Lower Upper

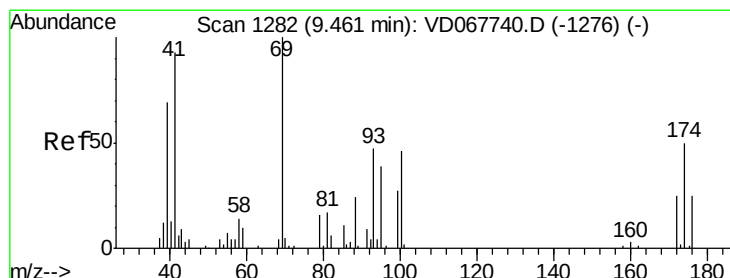
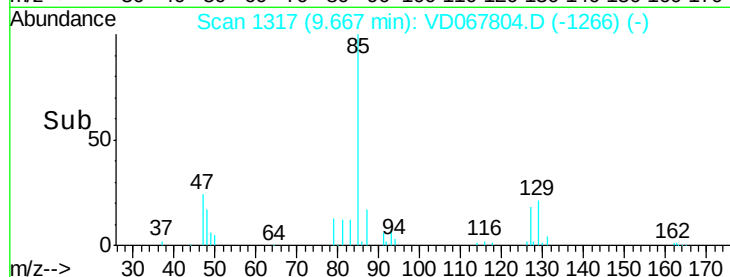
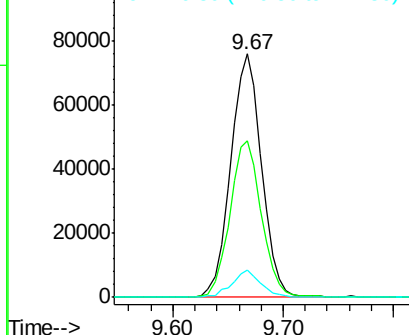
83 100

85 64.5 54.2 81.2

127 11.3 7.6 11.4



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



#48

Methyl methacrylate

Concen: 47.810 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

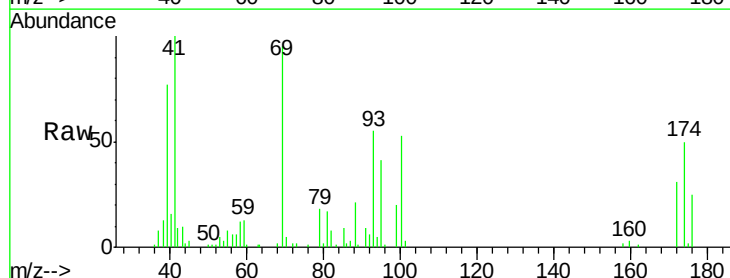
Tgt Ion: 41 Resp: 35950

Ion Ratio Lower Upper

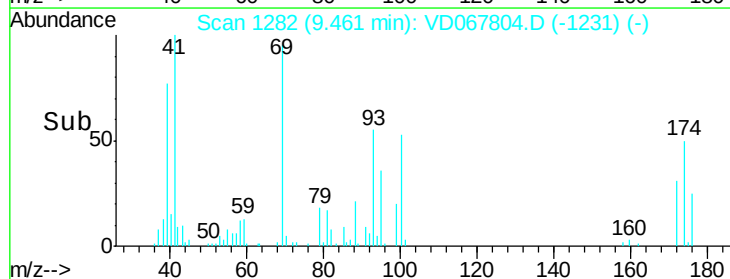
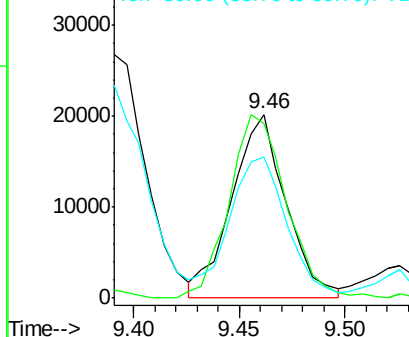
41 100

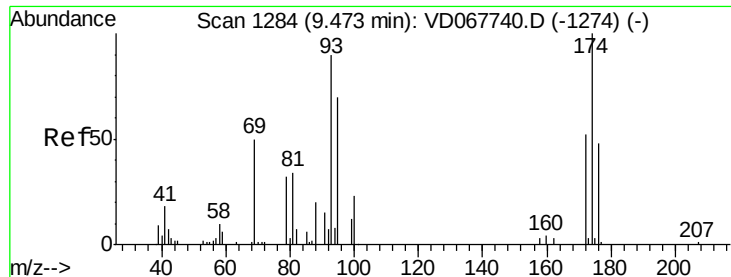
69 105.5 87.8 131.6

39 75.6 60.5 90.7



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





#49

1,4-Dioxane

Concen: 810.152 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

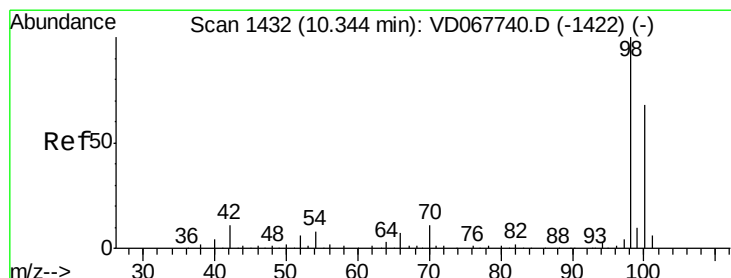
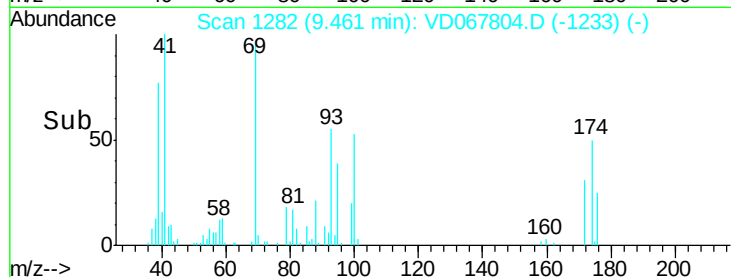
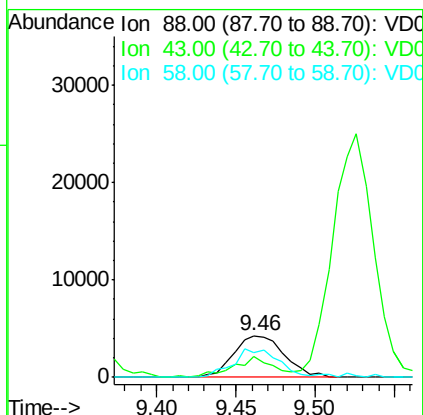
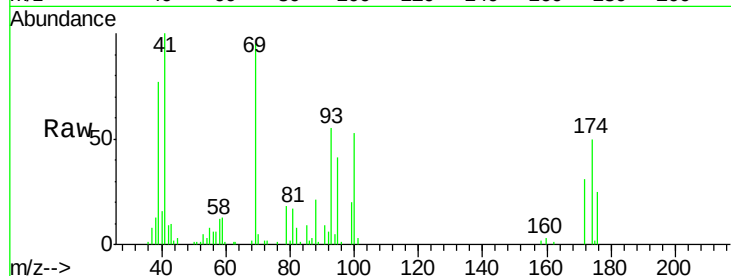
Tgt Ion: 88 Resp: 9435

Ion Ratio Lower Upper

88 100

43 39.1 25.2 37.8#

58 63.7 48.2 72.2



#50

Toluene-d8

Concen: 51.831 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067804.D

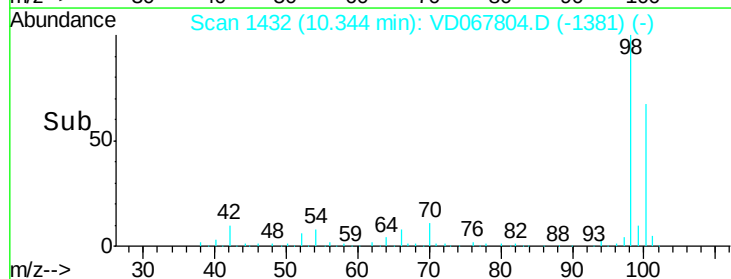
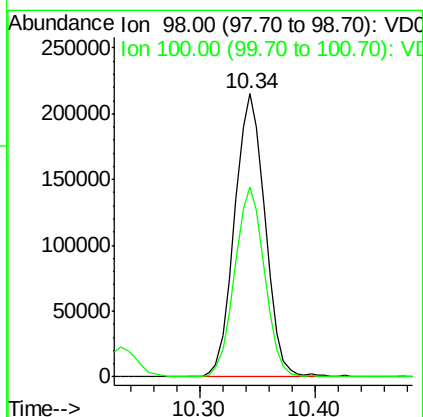
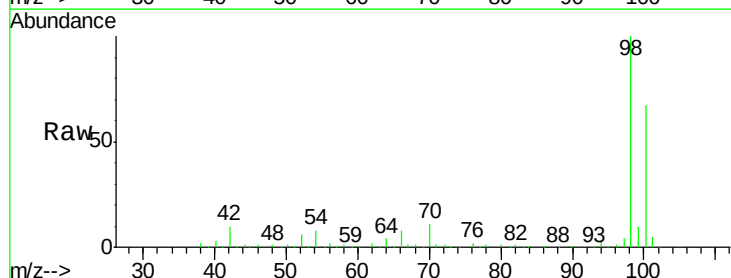
Acq: 30 Nov 2020 10:03

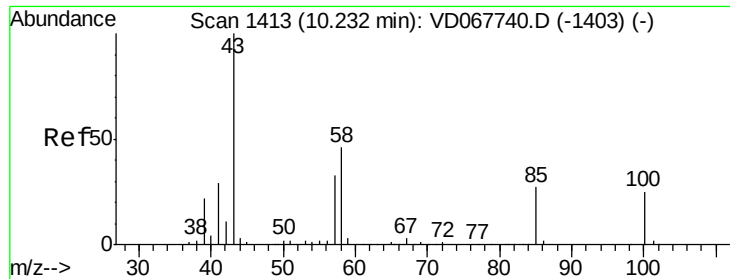
Tgt Ion: 98 Resp: 393632

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 235.232 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

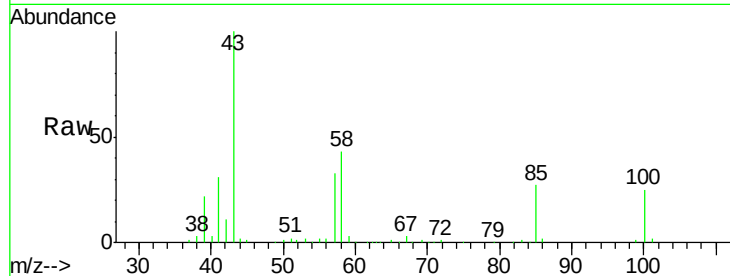
VSTDCCC050

Tgt Ion: 43 Resp: 166482

Ion Ratio Lower Upper

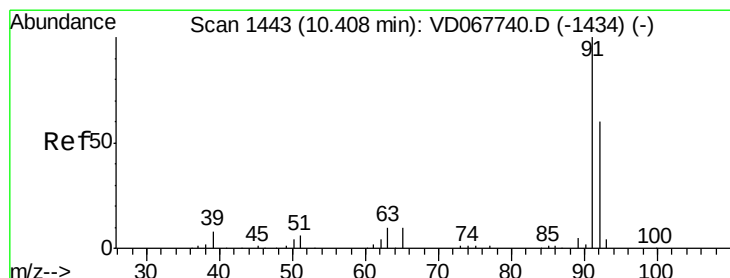
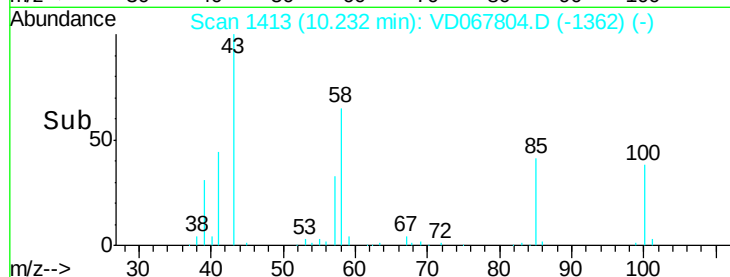
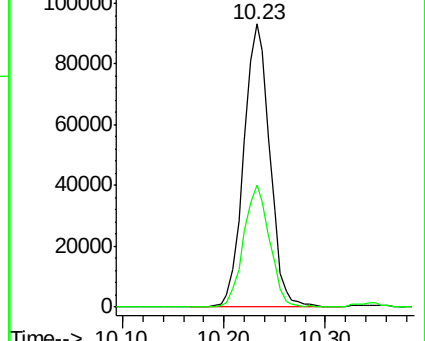
43 100

58 43.0 34.7 52.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.304 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067804.D

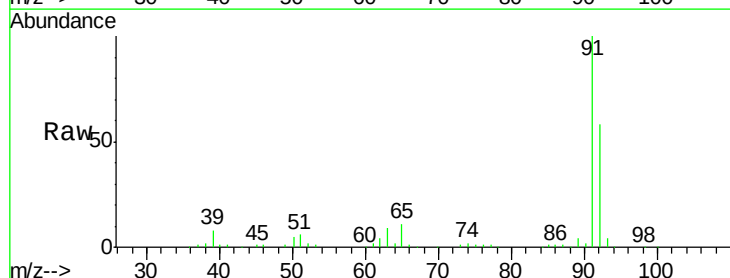
Acq: 30 Nov 2020 10:03

Tgt Ion: 92 Resp: 267734

Ion Ratio Lower Upper

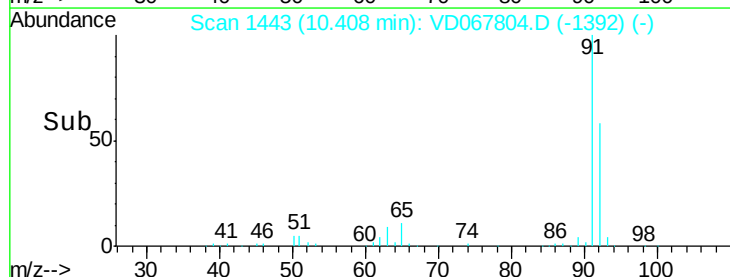
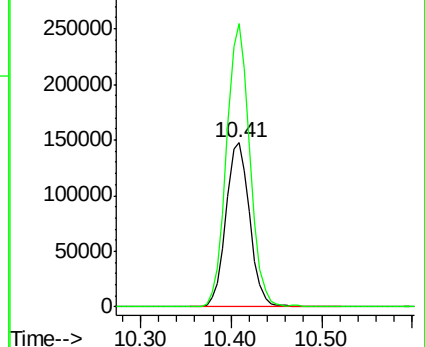
92 100

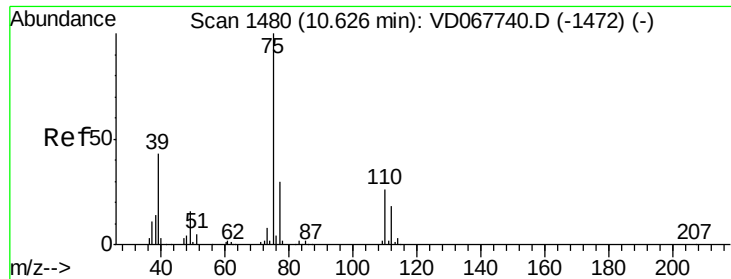
91 168.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 50.748 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

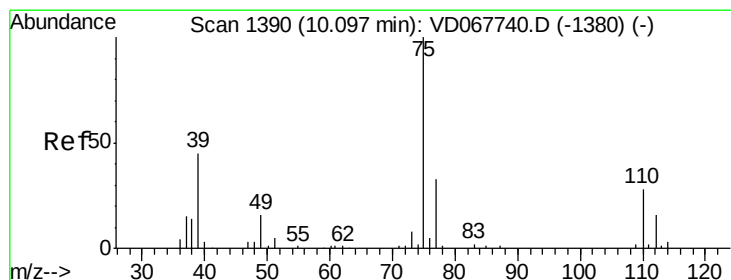
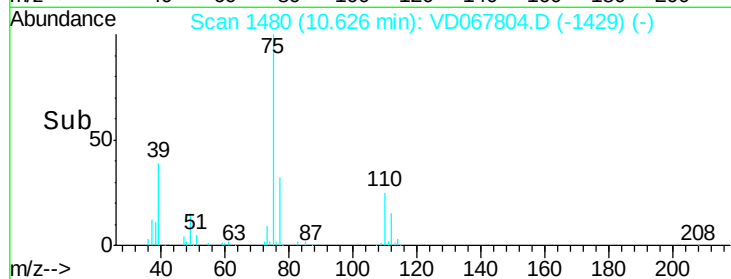
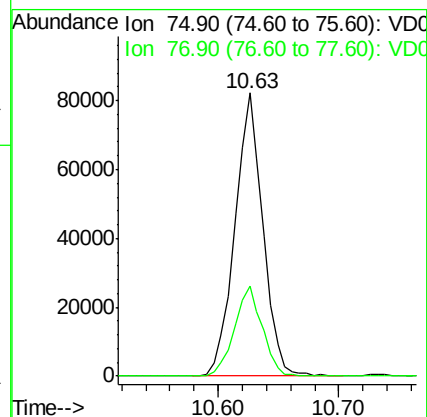
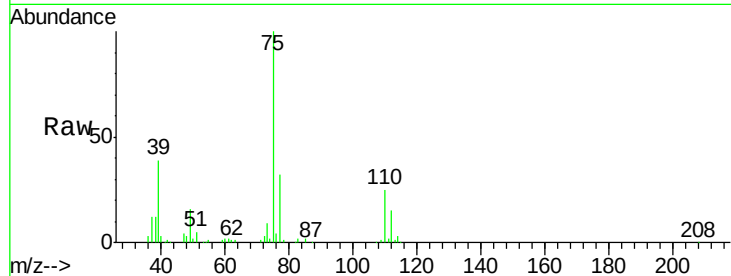
VSTDCCC050

Tgt Ion: 75 Resp: 132676

Ion Ratio Lower Upper

75 100

77 31.8 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 48.868 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

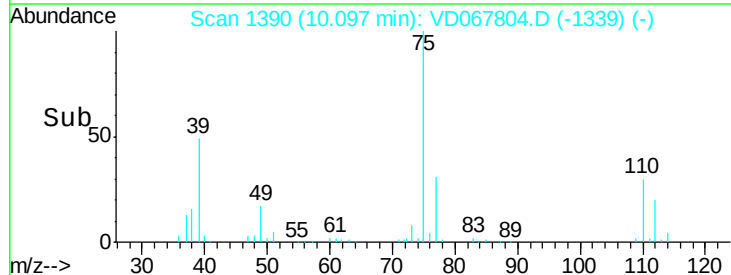
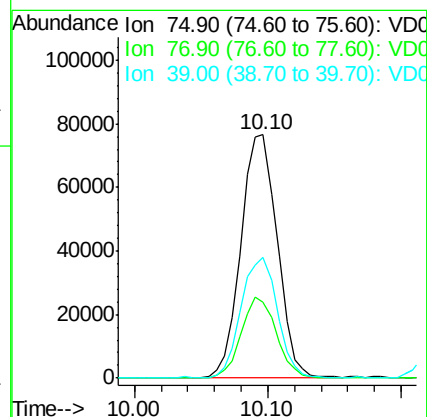
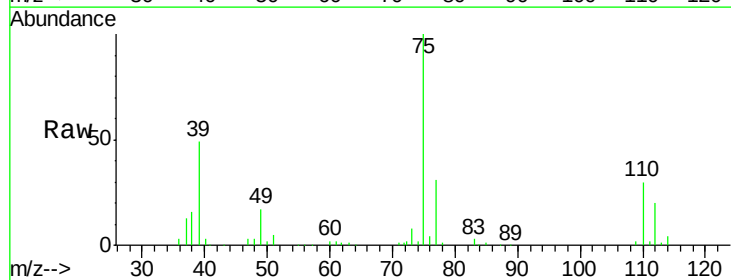
Tgt Ion: 75 Resp: 144587

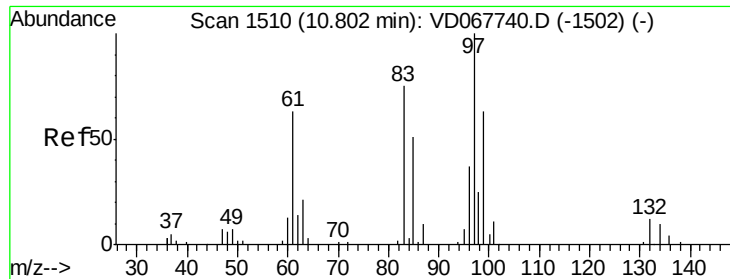
Ion Ratio Lower Upper

75 100

77 31.0 26.1 39.1

39 49.0 35.8 53.6

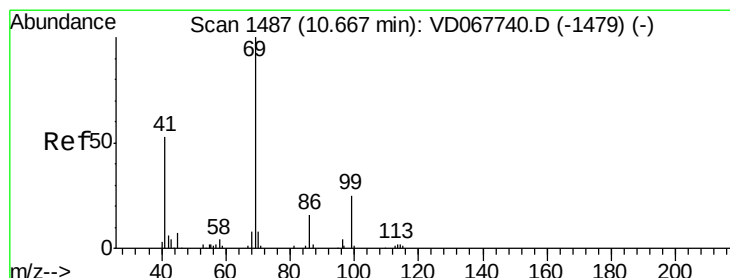
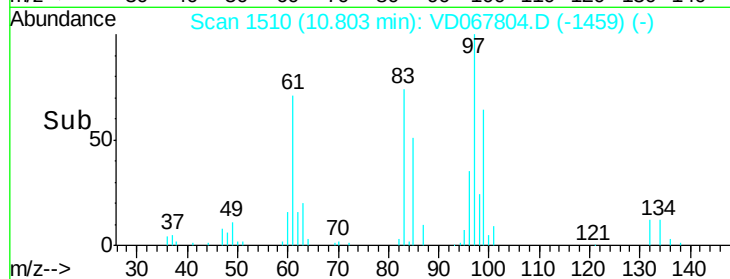
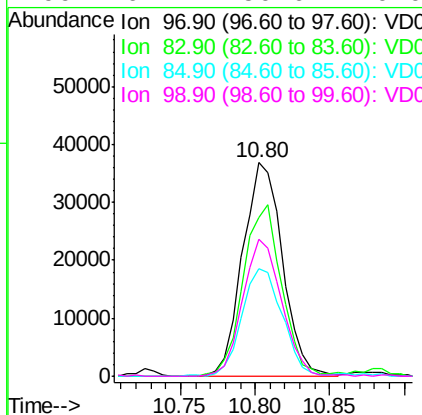
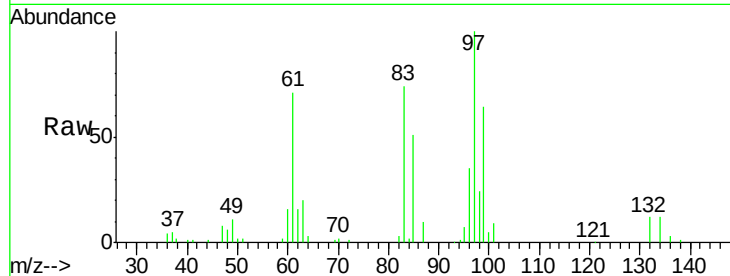




#55
 1,1,2-Trichloroethane
 Concen: 47.287 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

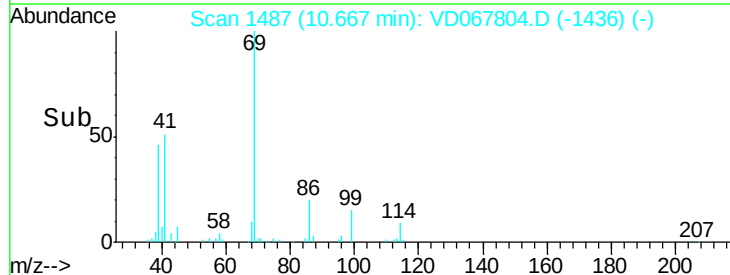
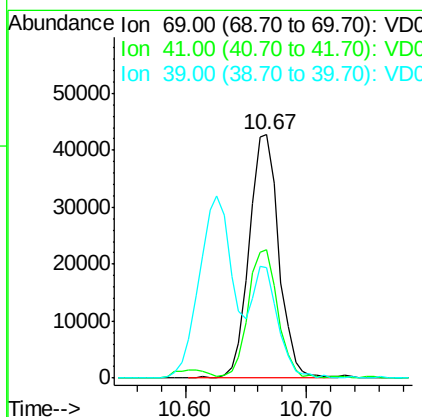
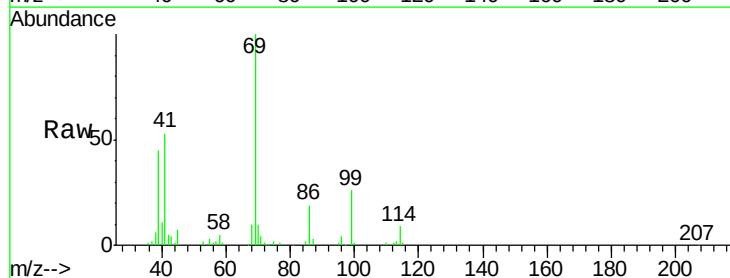
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

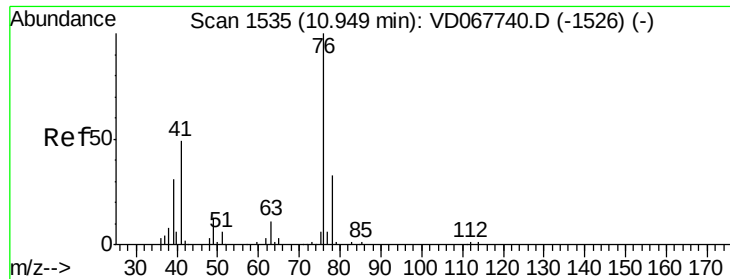
Tgt Ion:	97	Resp:	68183
Ion	Ratio	Lower	Upper
97	100		
83	74.3	60.2	90.4
85	50.1	40.5	60.7
99	64.1	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 49.084 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion:	69	Resp:	73273
Ion	Ratio	Lower	Upper
69	100		
41	52.9	43.4	65.0
39	38.9	29.6	44.4





#57

1,3-Dichloropropane

Concen: 47.298 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

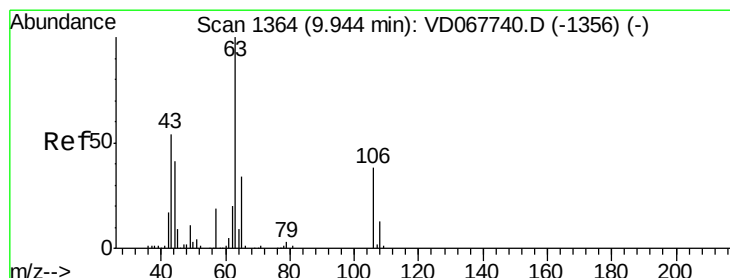
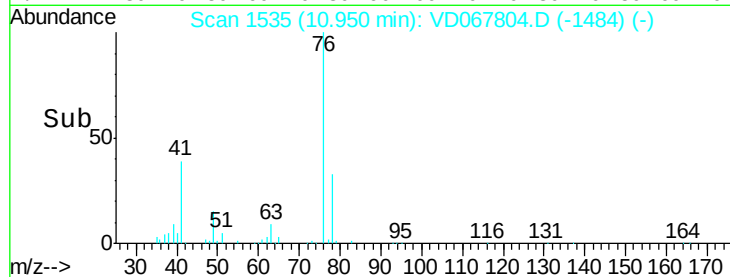
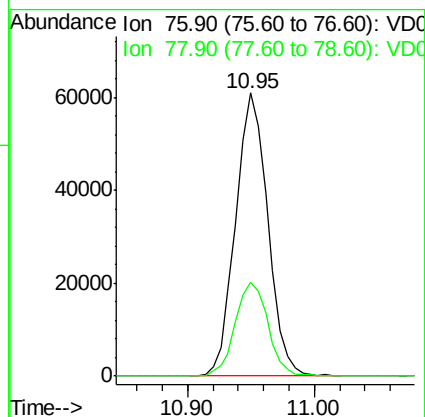
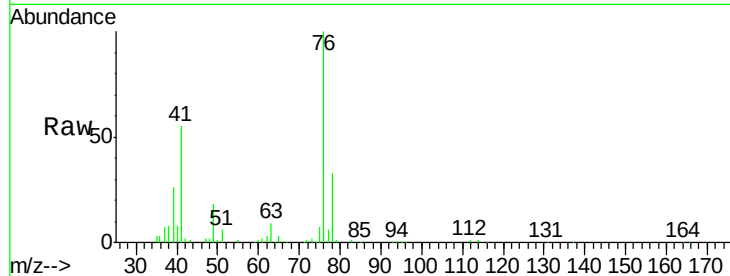
VSTDCCC050

Tgt Ion: 76 Resp: 107529

Ion Ratio Lower Upper

76 100

78 33.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 258.161 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067804.D

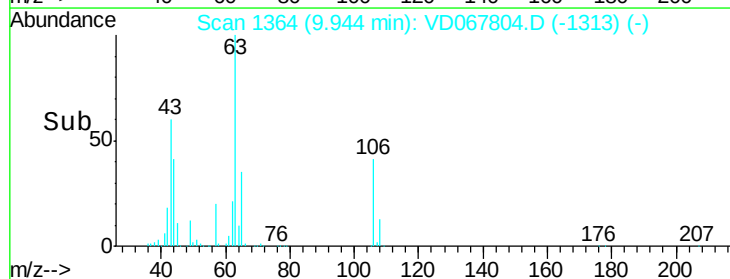
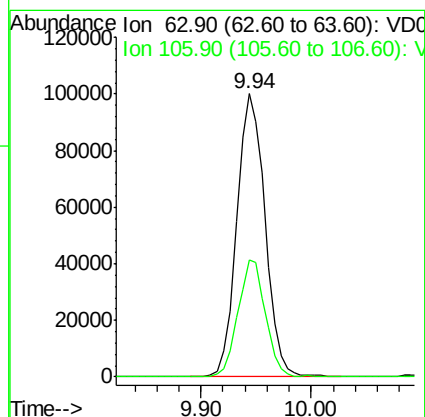
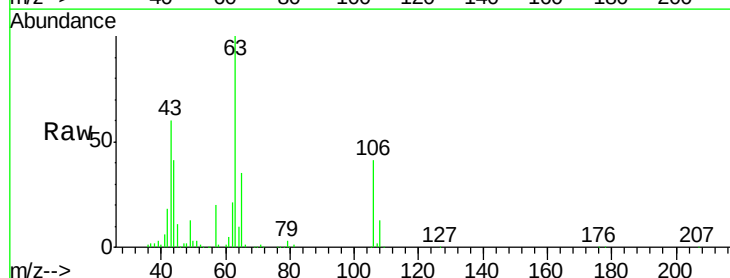
Acq: 30 Nov 2020 10:03

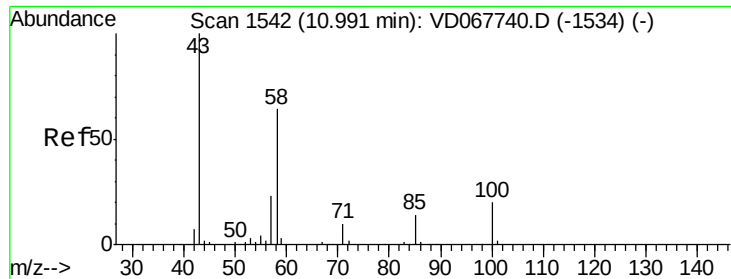
Tgt Ion: 63 Resp: 180071

Ion Ratio Lower Upper

63 100

106 40.3 31.0 46.6

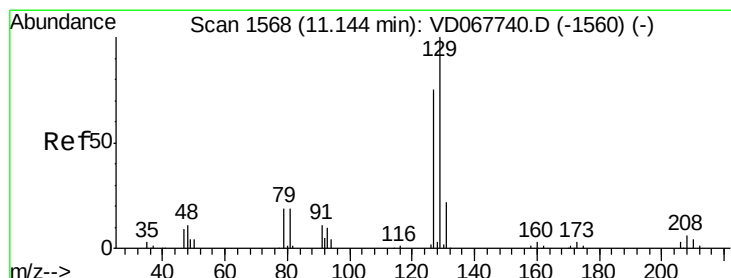
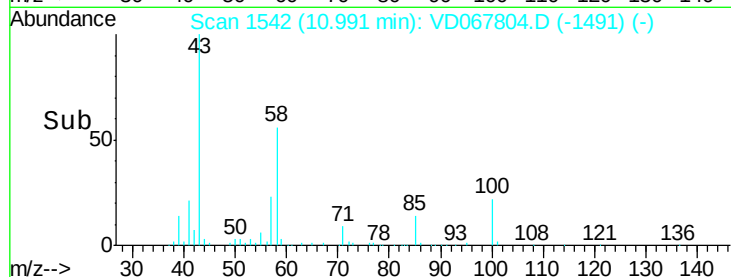
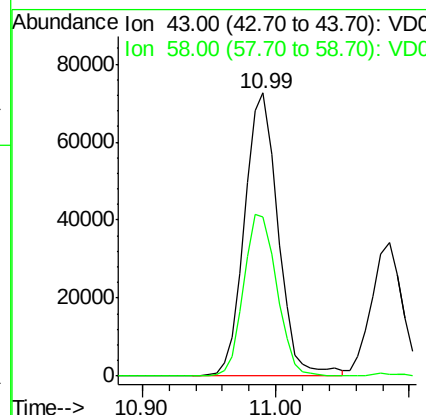
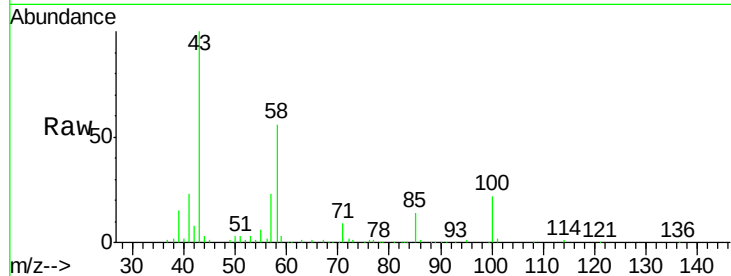




#59
2-Hexanone
Concen: 252.236 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

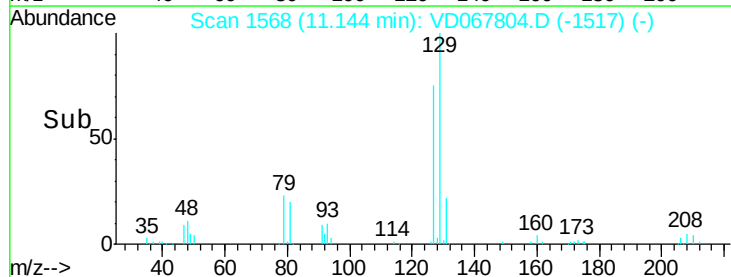
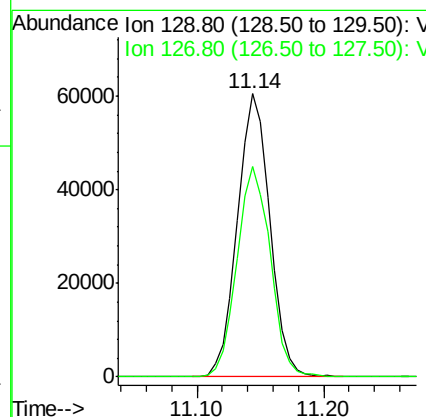
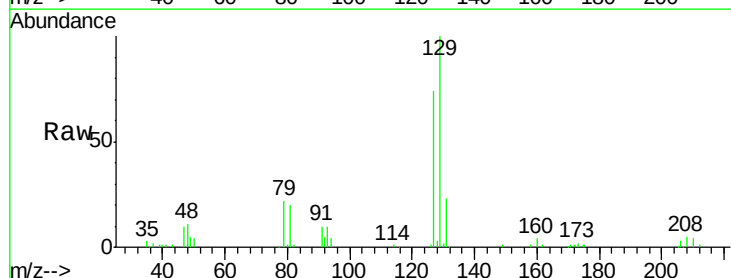
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

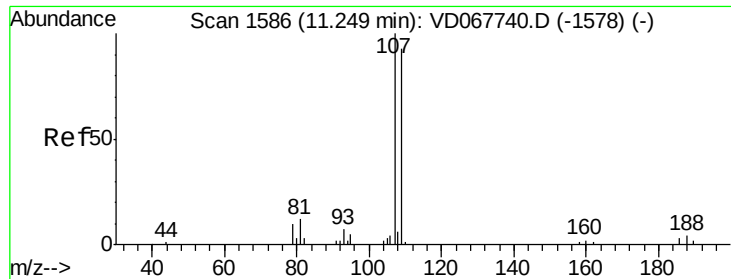
Tgt Ion: 43 Resp: 126038
Ion Ratio Lower Upper
43 100
58 56.7 30.5 91.5



#60
Dibromochloromethane
Concen: 48.818 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 129 Resp: 107263
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7

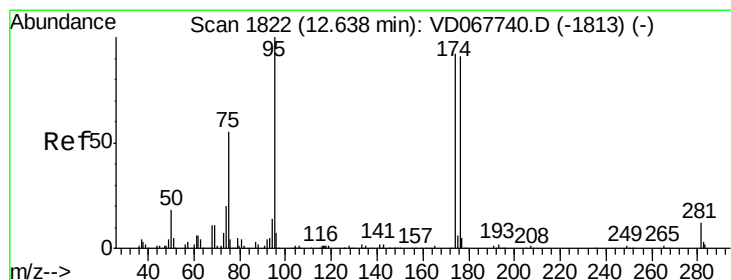
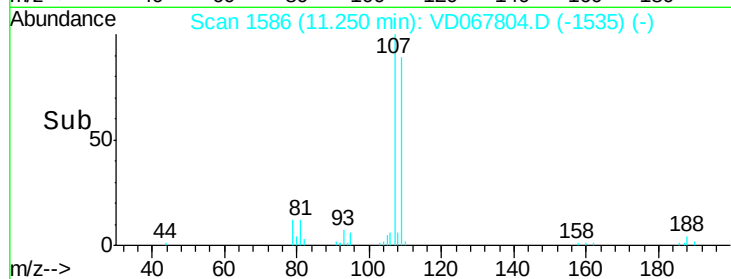
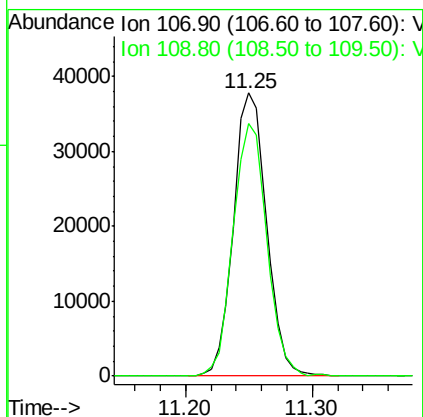
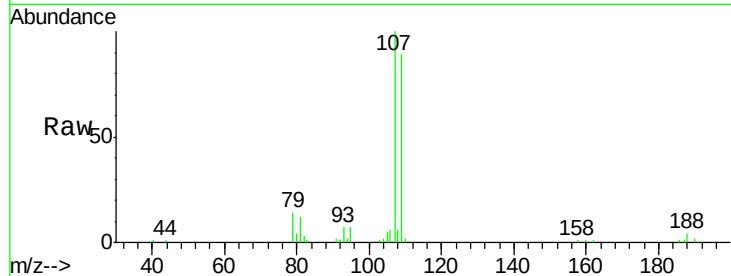




#61
 1,2-Dibromoethane
 Concen: 48.133 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

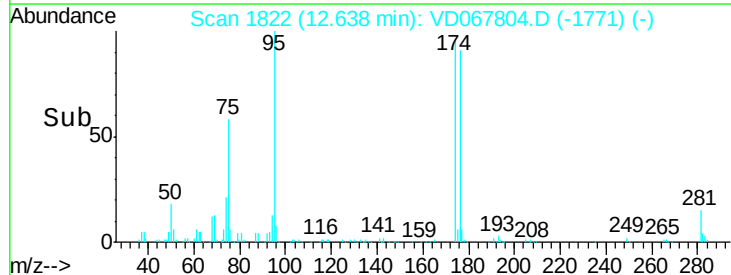
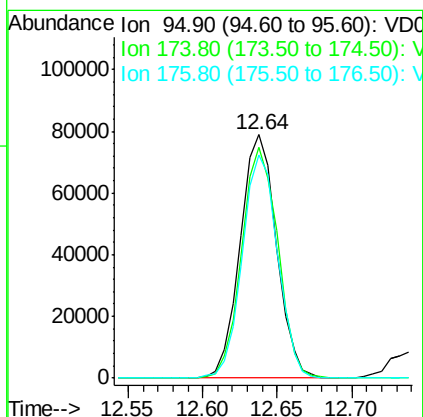
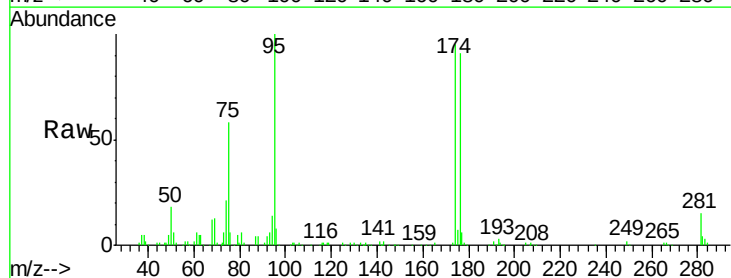
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

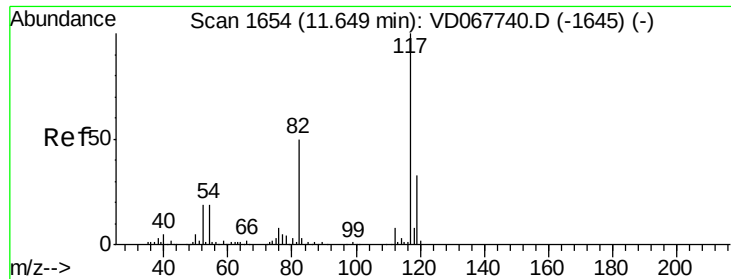
Tgt Ion: 107 Resp: 68384
 Ion Ratio Lower Upper
 107 100
 109 90.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 51.090 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 95 Resp: 132621
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 182.4
 176 89.5 0.0 178.2

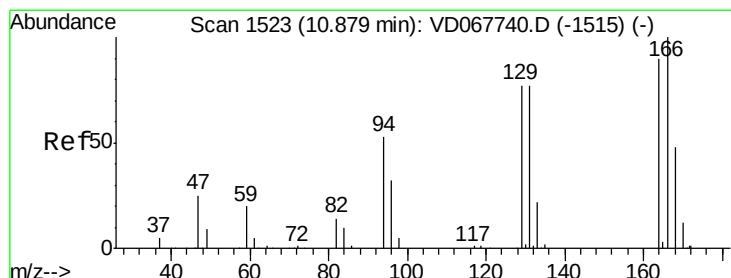
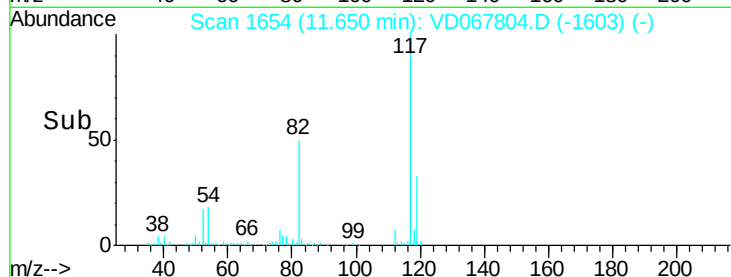
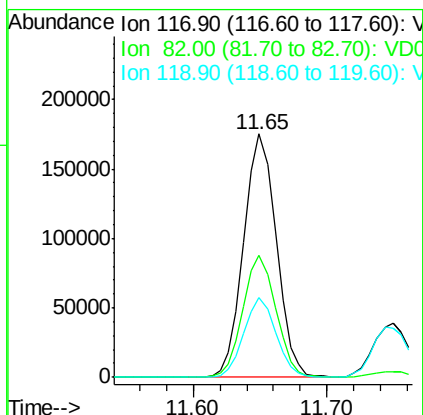
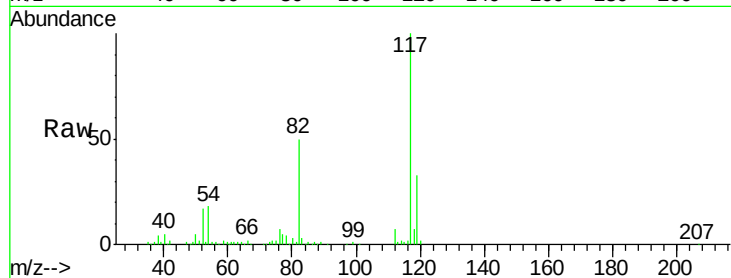




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

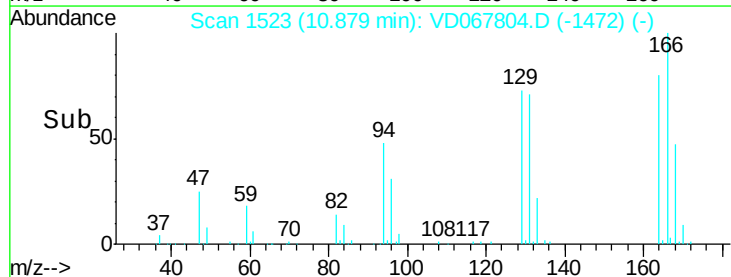
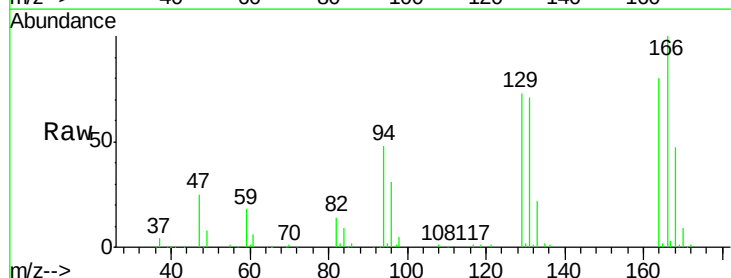
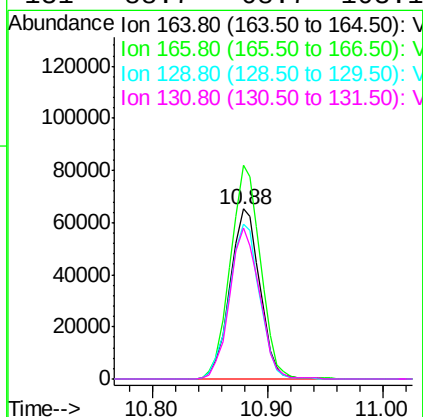
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

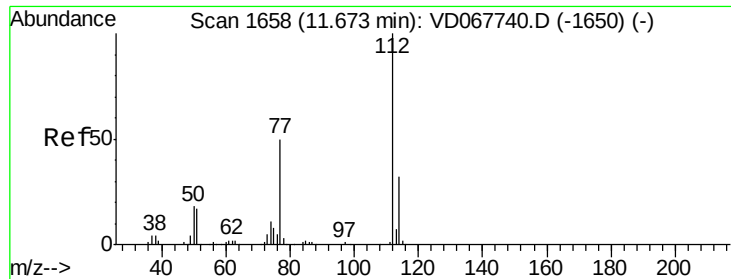
Tgt Ion:117 Resp: 298086
Ion Ratio Lower Upper
117 100
82 49.9 40.2 60.4
119 32.7 26.5 39.7



#64
Tetrachloroethene
Concen: 50.566 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion:164 Resp: 116988
Ion Ratio Lower Upper
164 100
166 125.7 89.2 133.8
129 91.5 68.4 102.6
131 88.7 68.7 103.1

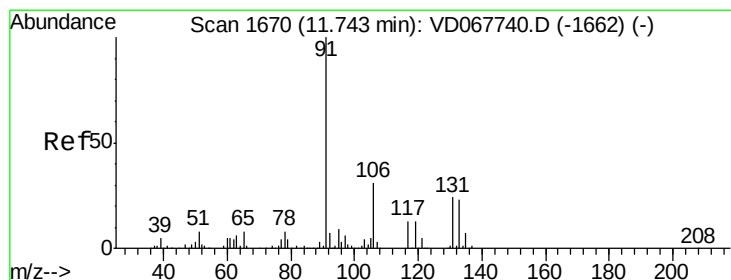
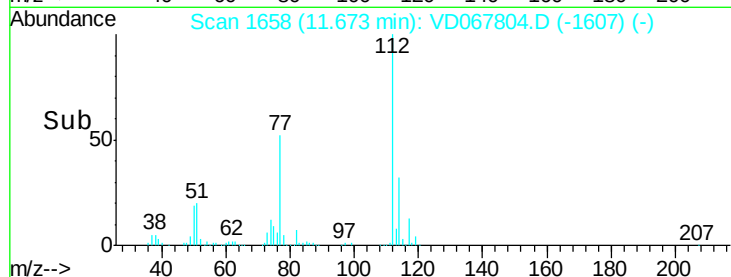
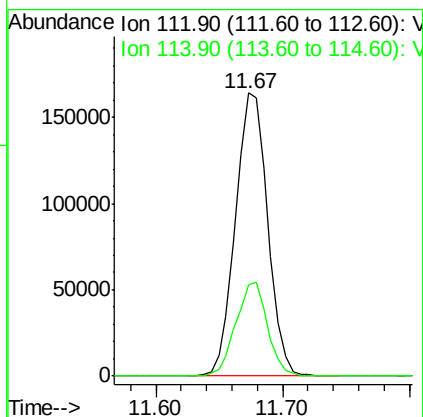
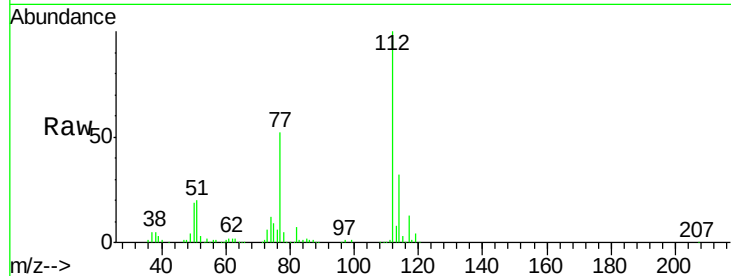




#65
Chlorobenzene
Concen: 49.311 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

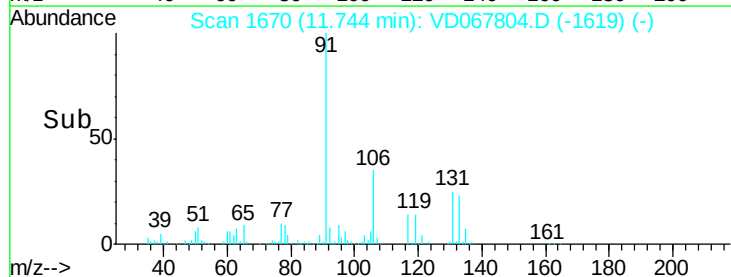
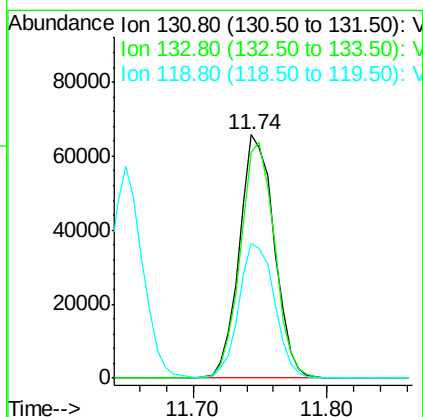
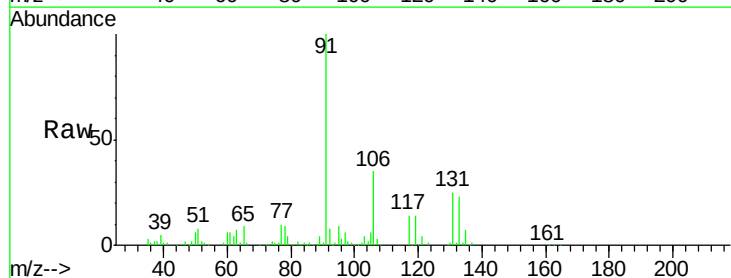
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

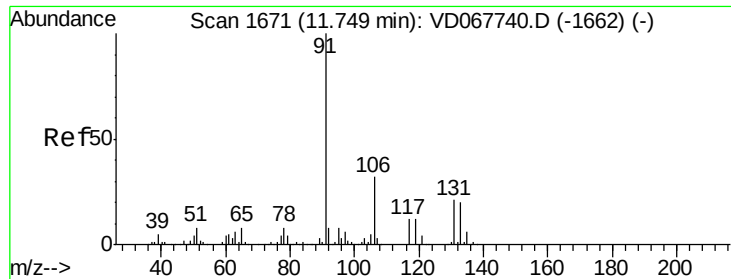
Tgt Ion:112 Resp: 288896
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.967 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion:131 Resp: 118415
Ion Ratio Lower Upper
131 100
133 95.1 49.0 147.0
119 57.0 28.8 86.5





#67

Ethyl Benzene

Concen: 51.457 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

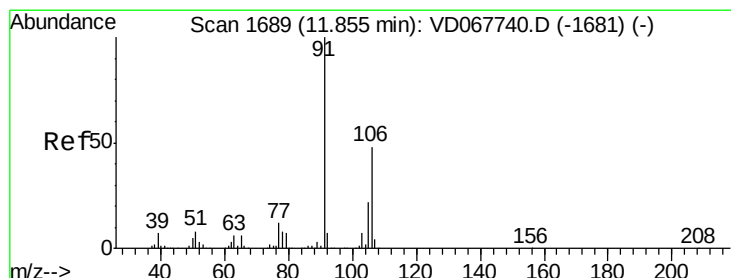
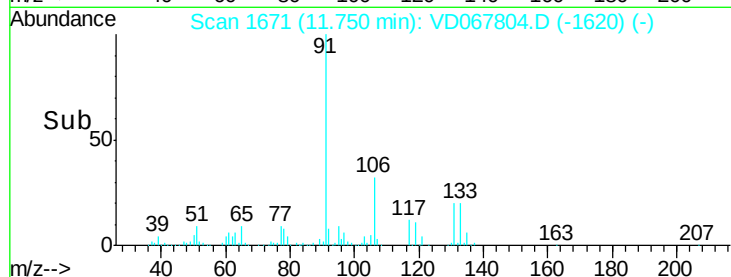
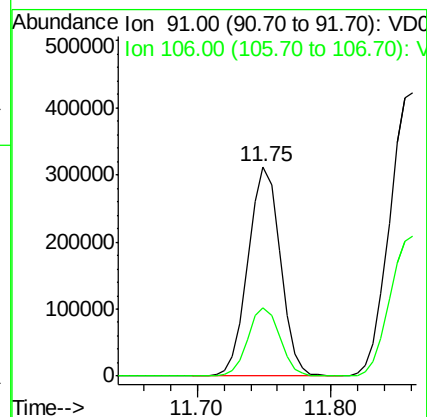
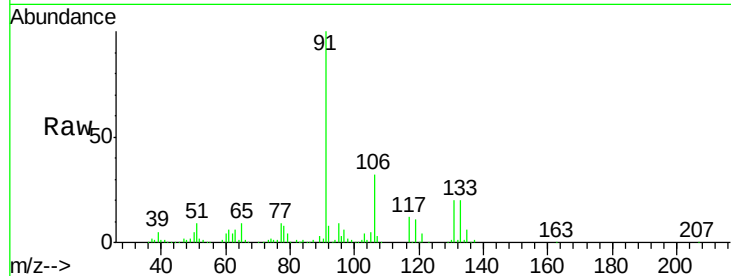
VSTDCCC050

Tgt Ion: 91 Resp: 520443

Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5



#68

m/p-Xylenes

Concen: 102.577 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067804.D

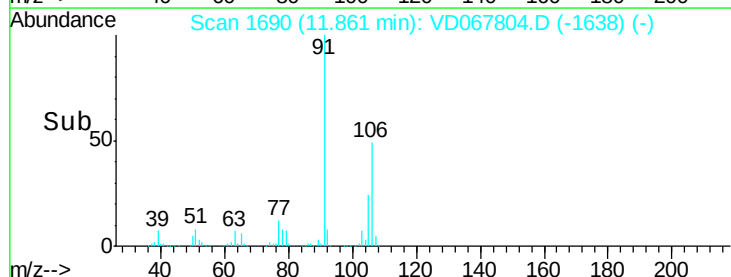
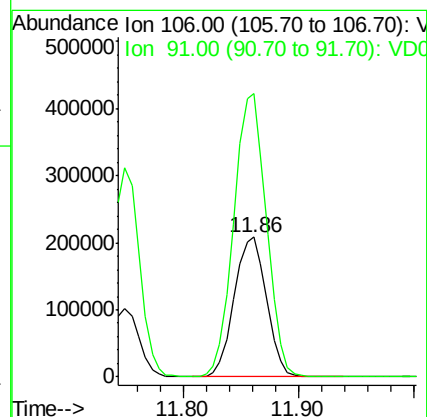
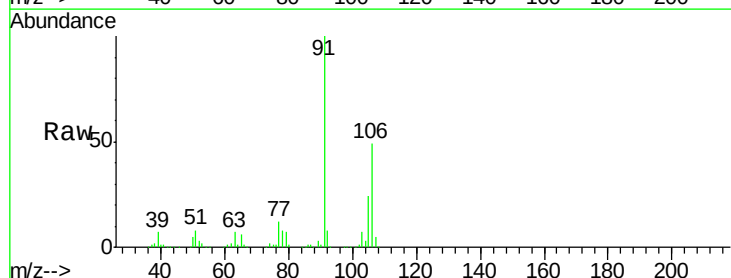
Acq: 30 Nov 2020 10:03

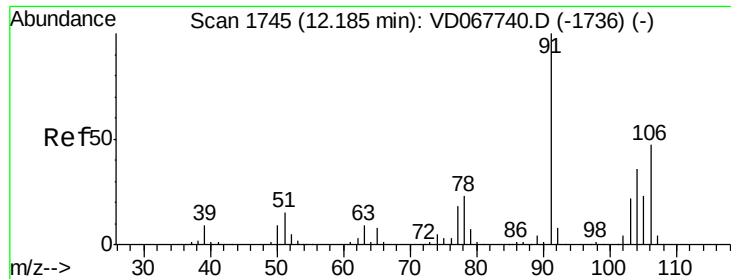
Tgt Ion: 106 Resp: 403734

Ion Ratio Lower Upper

106 100

91 204.0 163.0 244.6

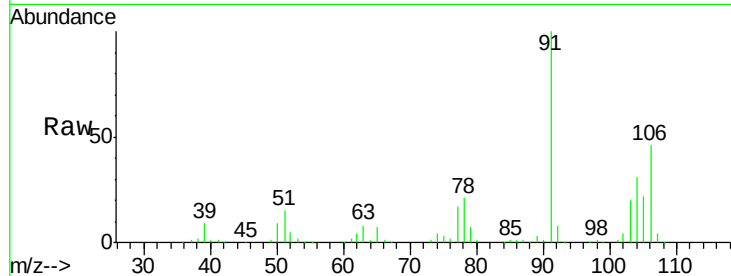




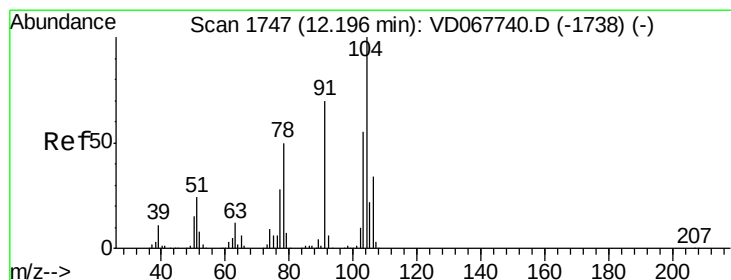
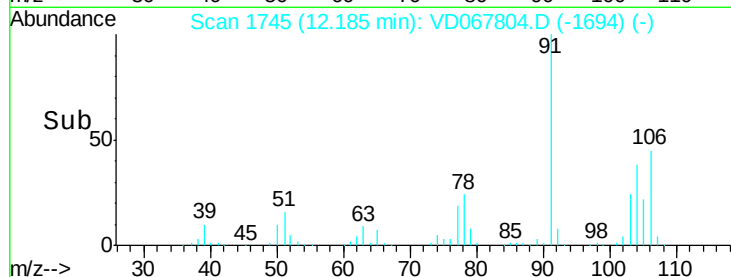
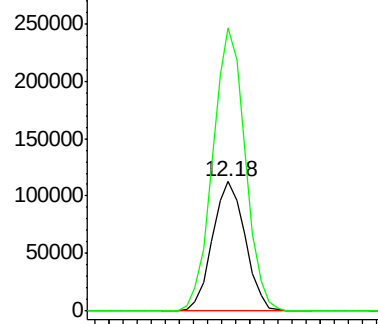
#69
o-Xylene
Concen: 51.212 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 183523
Ion Ratio Lower Upper
106 100
91 215.6 106.2 318.6

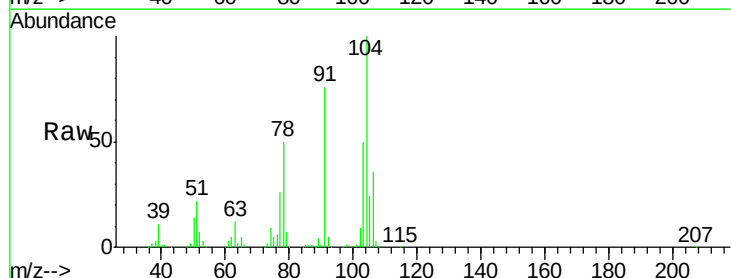


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

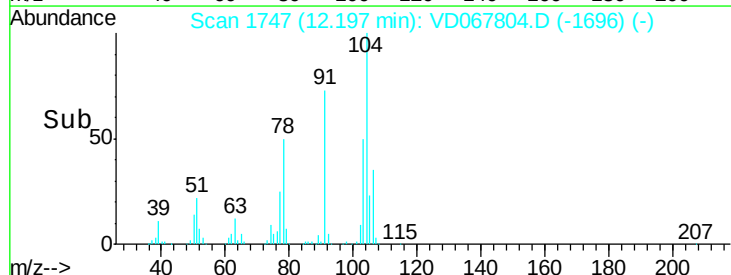
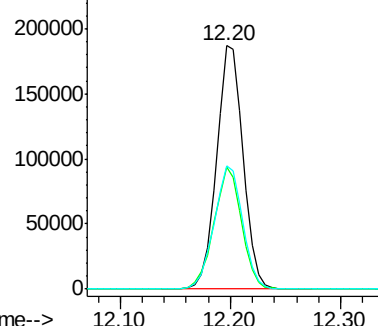


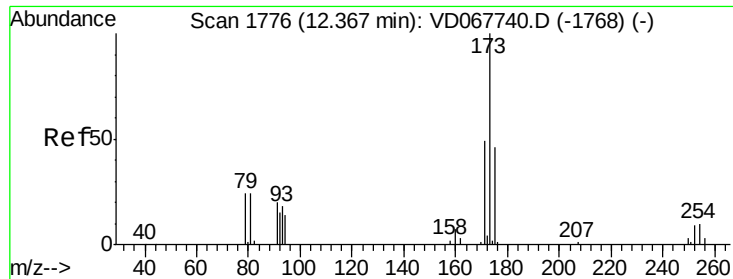
#70
Styrene
Concen: 51.663 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion:104 Resp: 315349
Ion Ratio Lower Upper
104 100
78 52.0 41.9 62.9
103 54.5 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VDC
Ion 103.00 (102.70 to 103.70): V

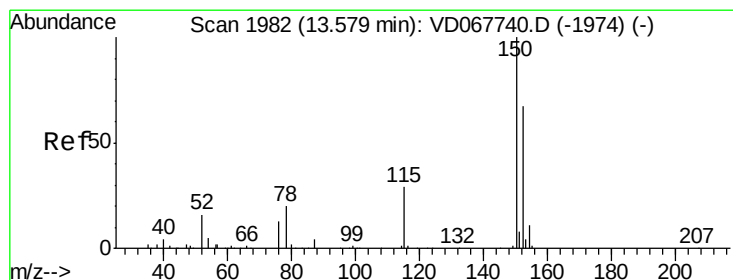
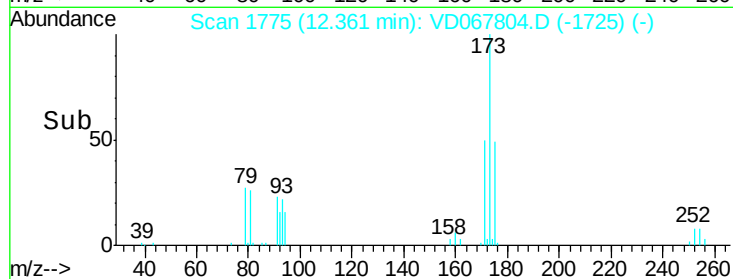
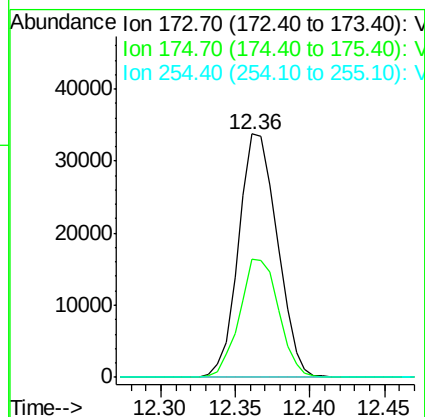
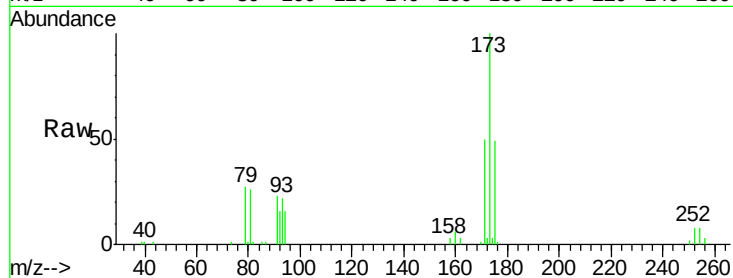




#71
Bromoform
Concen: 47.286 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

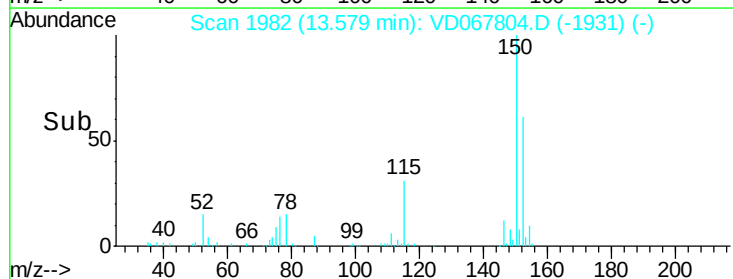
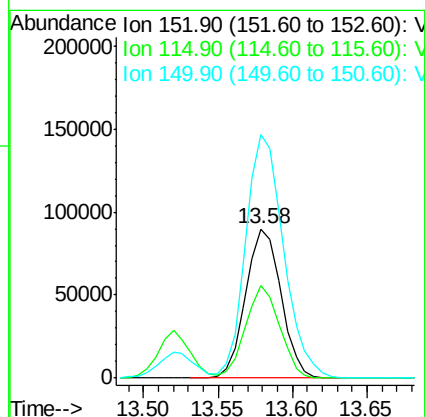
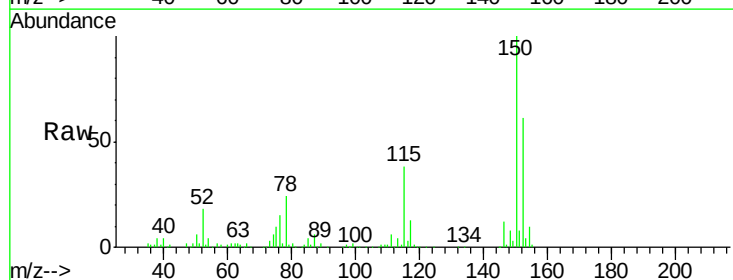
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

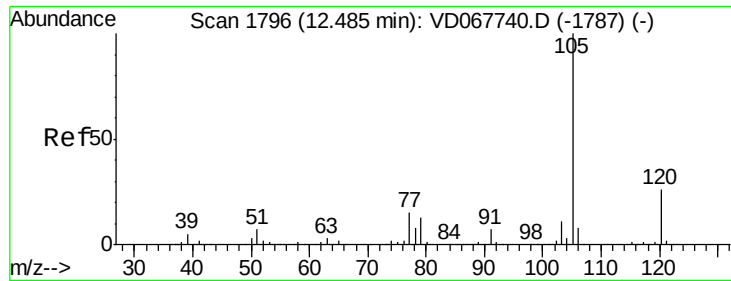
Tgt Ion:173 Resp: 60833
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion:152 Resp: 147240
Ion Ratio Lower Upper
152 100
115 59.7 29.4 88.3
150 175.0 0.0 340.6

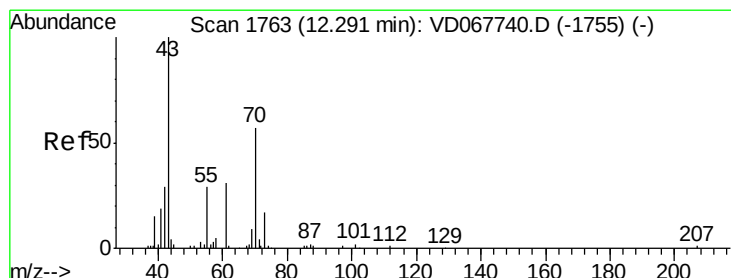
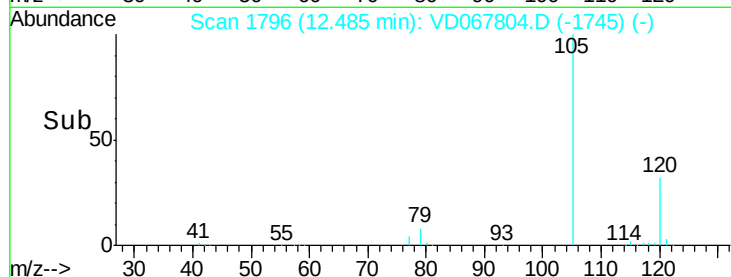
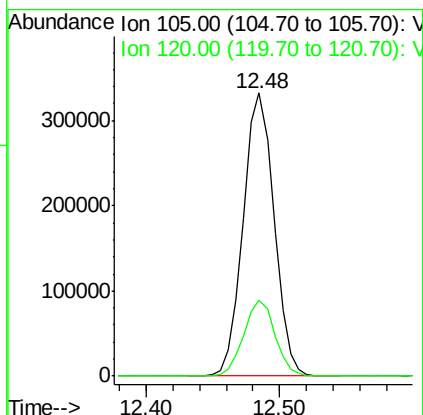
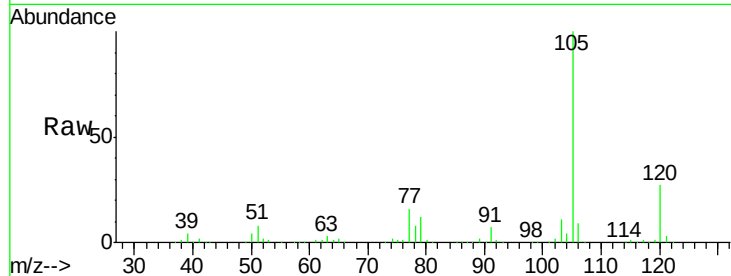




#73
Isopropylbenzene
Concen: 54.691 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

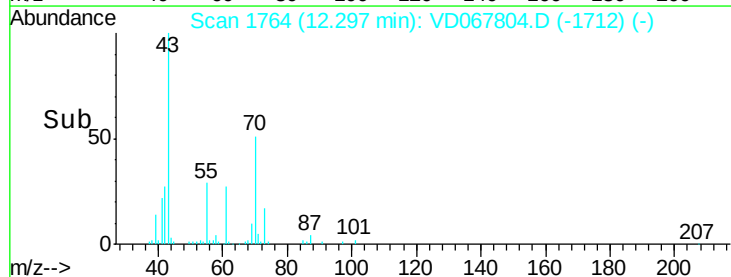
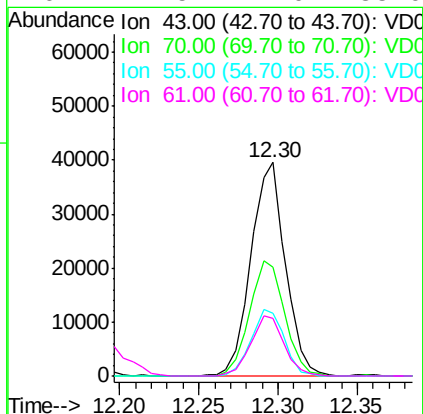
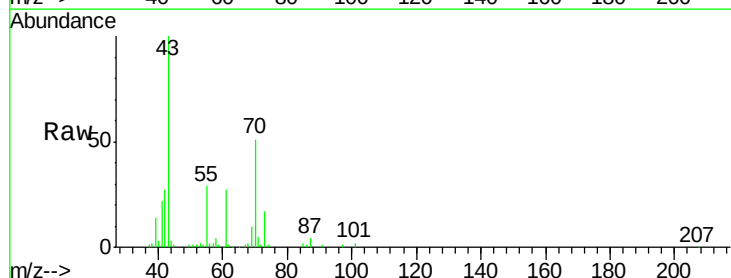
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

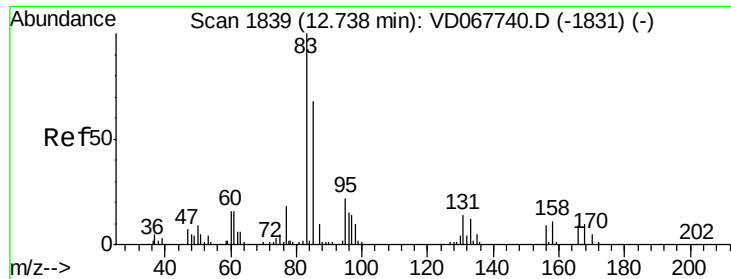
Tgt Ion: 105 Resp: 529840
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6



#74
N-ethyl acetate
Concen: 46.764 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 43 Resp: 59744
Ion Ratio Lower Upper
43 100
70 54.8 44.6 66.8
55 29.9 24.2 36.2
61 27.5 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.558 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

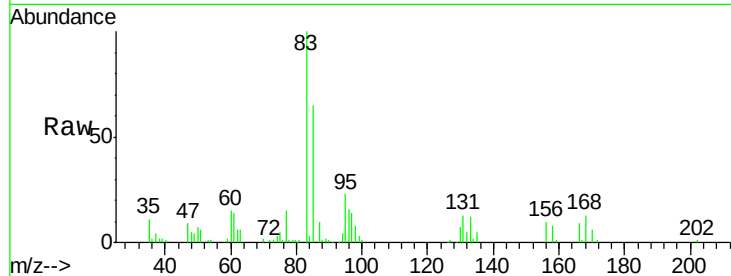
Tgt Ion: 83 Resp: 59232

Ion Ratio Lower Upper

83 100

131 16.3 8.1 24.1

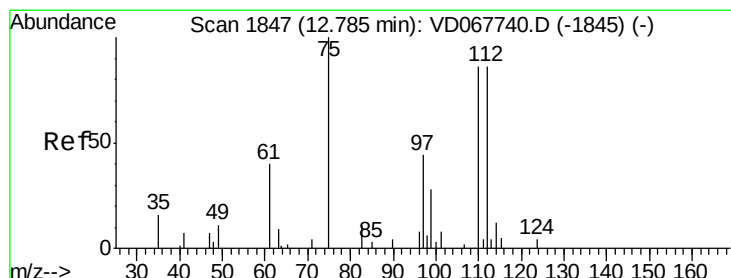
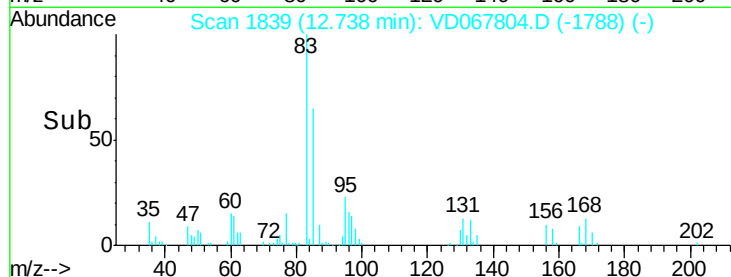
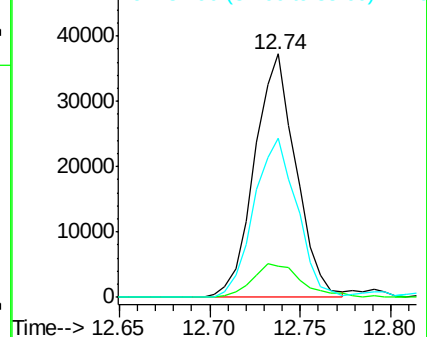
85 67.7 33.9 101.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 90.392 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067804.D

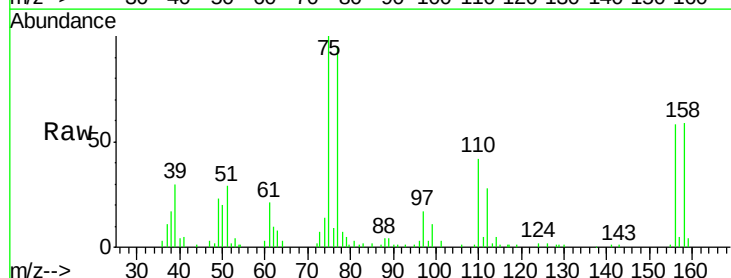
Acq: 30 Nov 2020 10:03

Tgt Ion: 75 Resp: 92759

Ion Ratio Lower Upper

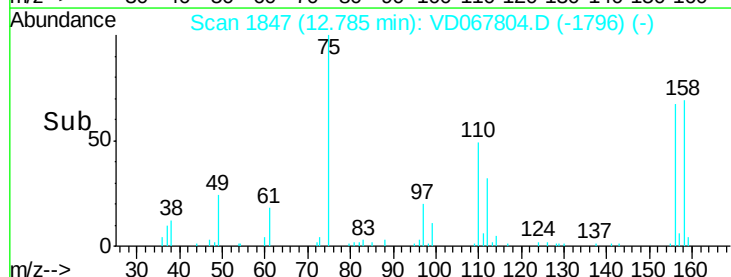
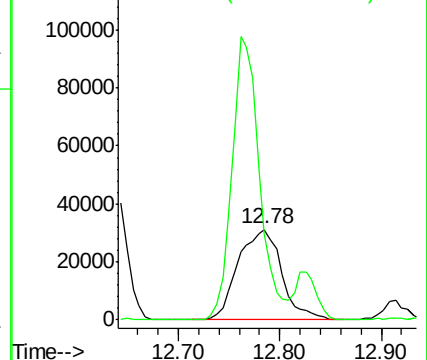
75 100

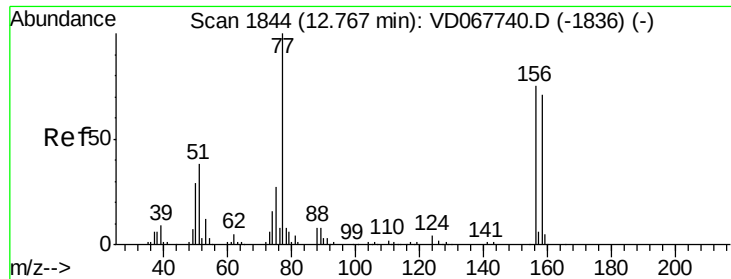
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.755 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

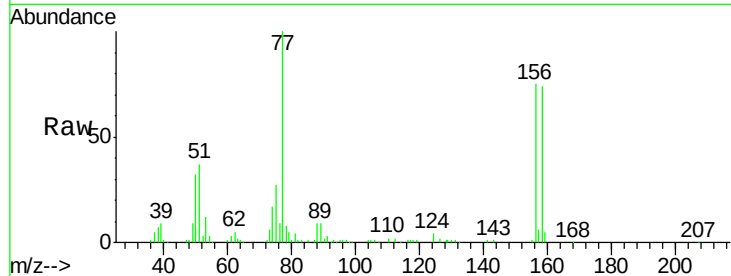
Tgt Ion:156 Resp: 125509

Ion Ratio Lower Upper

156 100

77 146.5 73.5 220.3

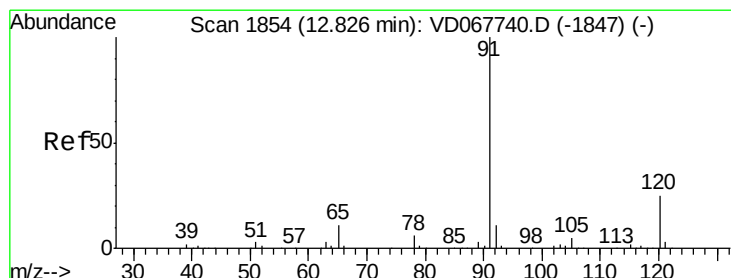
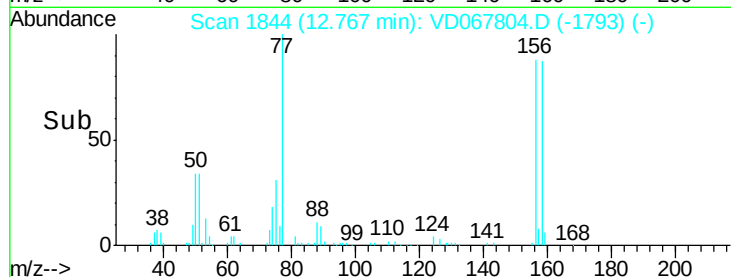
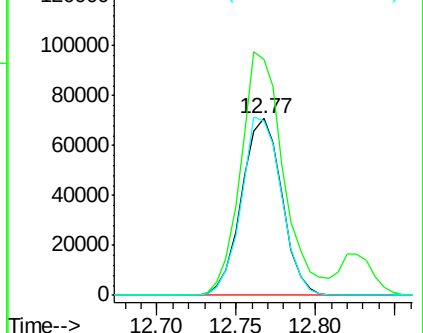
158 99.9 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.492 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067804.D

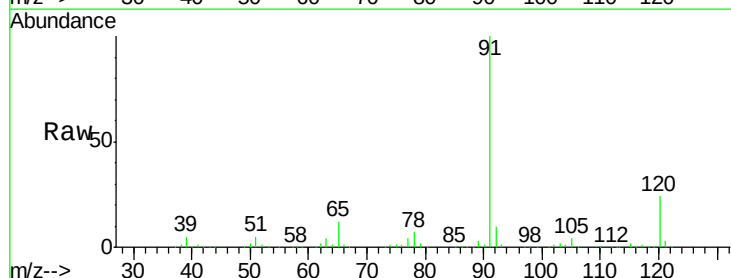
Acq: 30 Nov 2020 10:03

Tgt Ion: 91 Resp: 587318

Ion Ratio Lower Upper

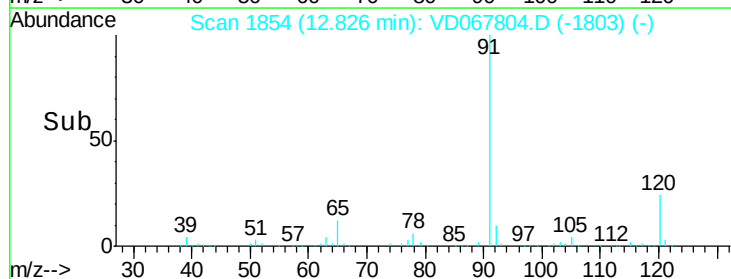
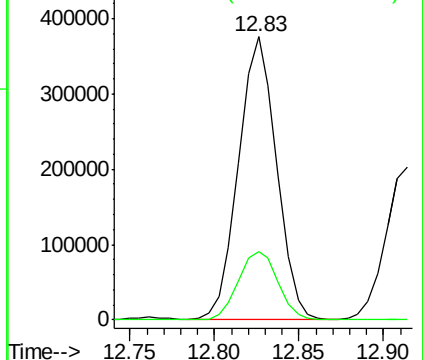
91 100

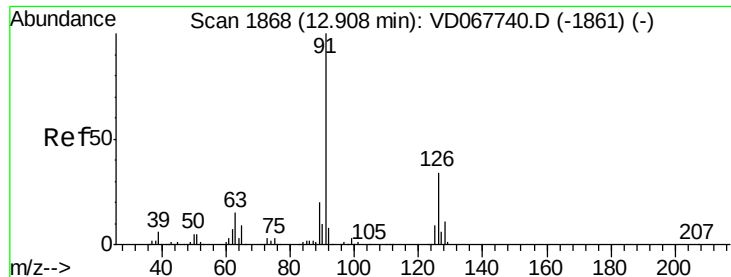
120 25.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.525 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

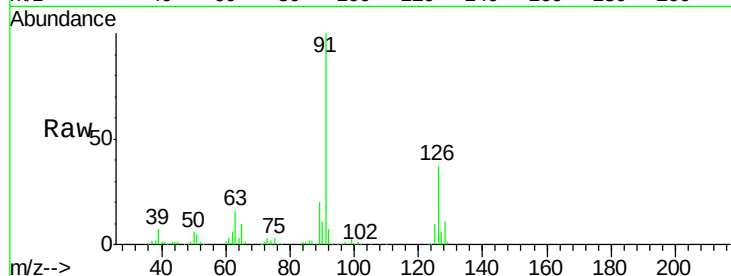
VSTDCCC050

Tgt Ion: 91 Resp: 335176

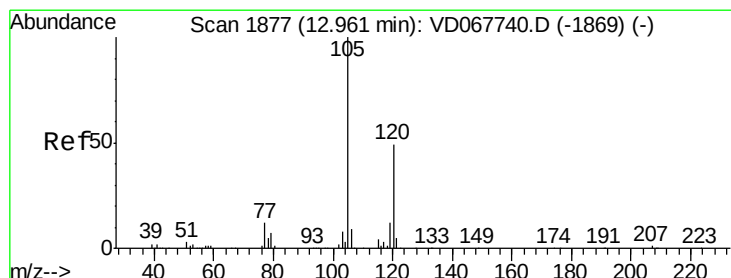
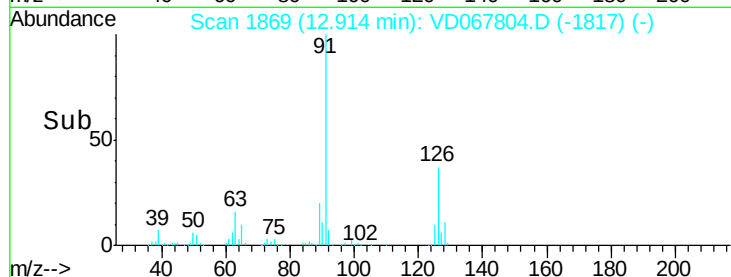
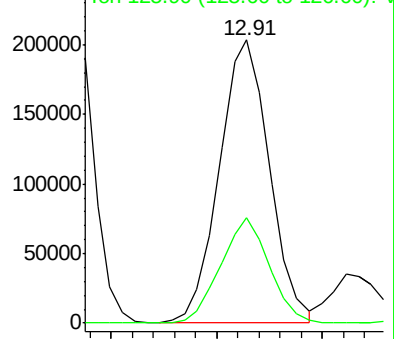
Ion Ratio Lower Upper

91 100

126 36.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VD067740.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.844 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD067804.D

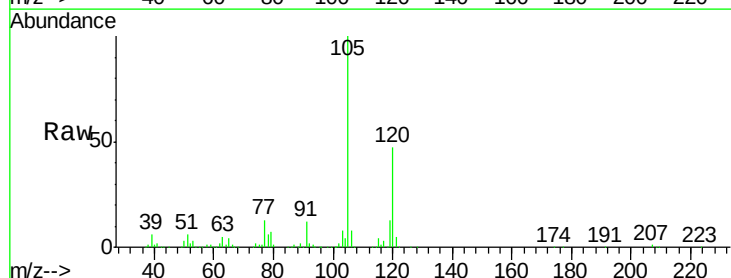
Acq: 30 Nov 2020 10:03

Tgt Ion: 105 Resp: 462122

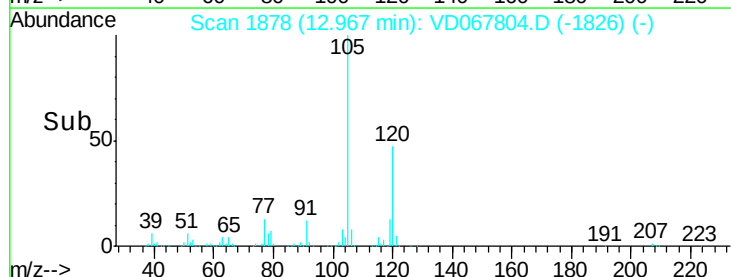
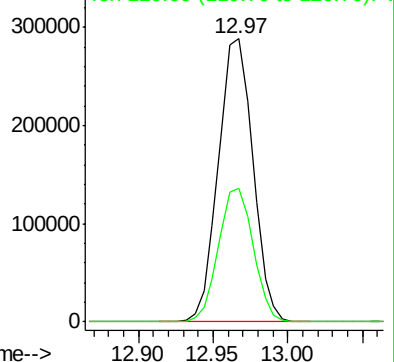
Ion Ratio Lower Upper

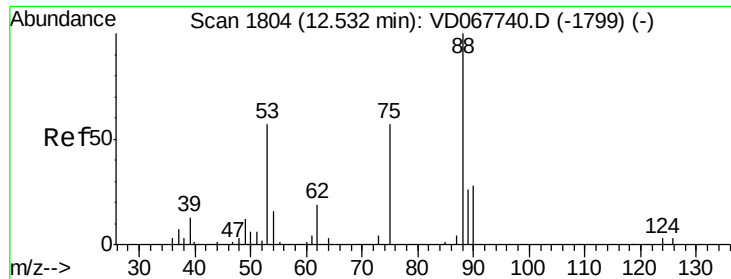
105 100

120 47.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD067740.D (-1869) (-)

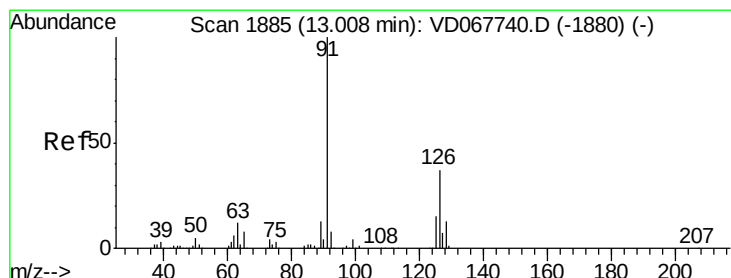
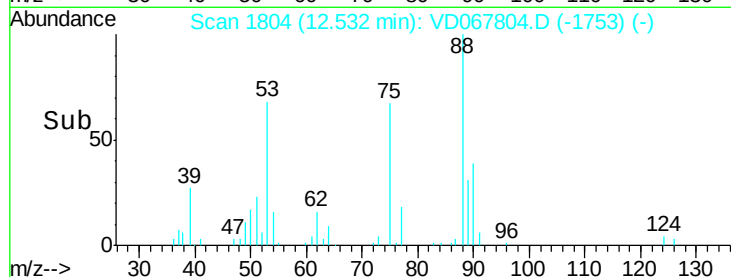
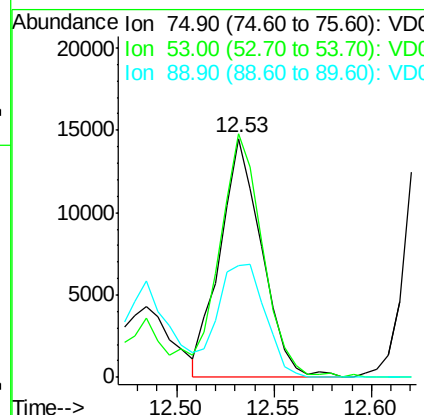
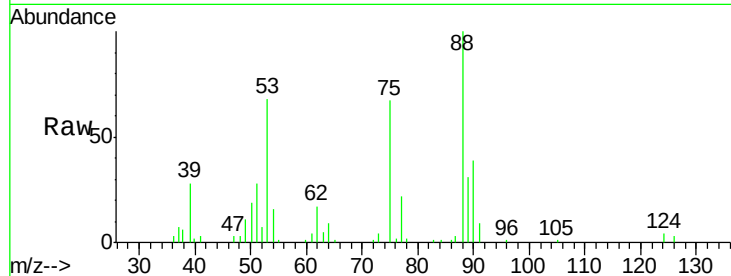




#81
trans-1,4-Dichloro-2-butene
Concen: 49.083 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

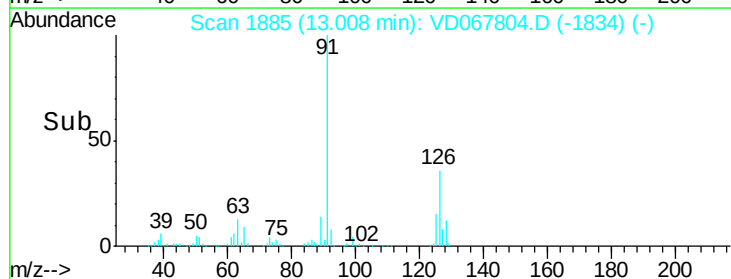
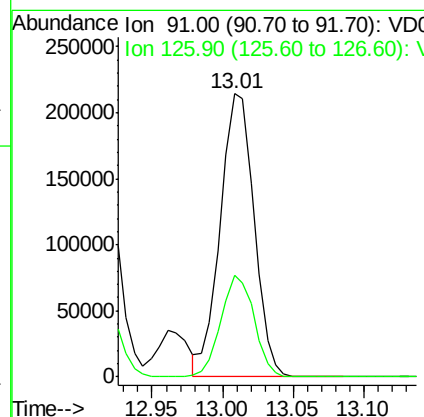
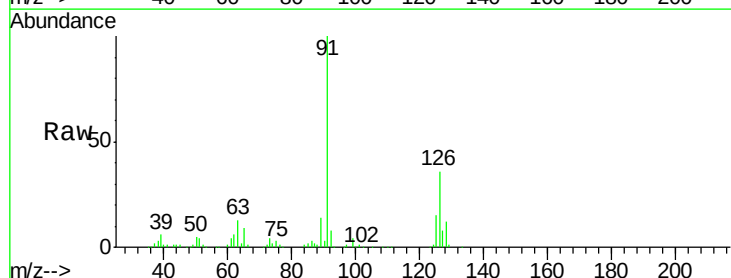
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

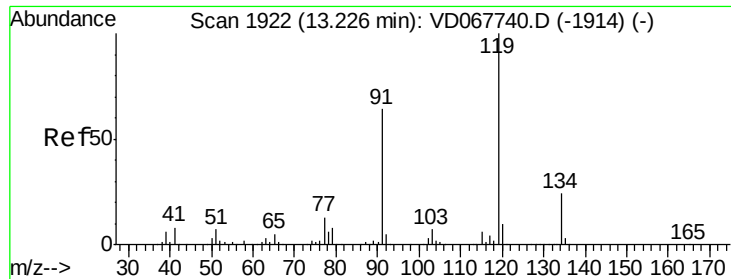
Tgt Ion: 75 Resp: 21535
Ion Ratio Lower Upper
75 100
53 103.5 76.0 114.0
89 54.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 52.559 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 91 Resp: 357378
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1





#83

tert-Butylbenzene

Concen: 54.207 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

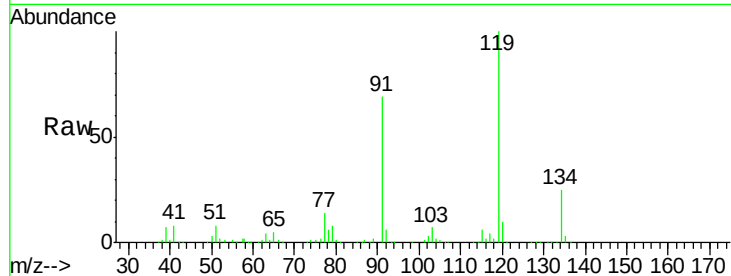
Tgt Ion:119 Resp: 392489

Ion Ratio Lower Upper

119 100

91 67.4 32.9 98.7

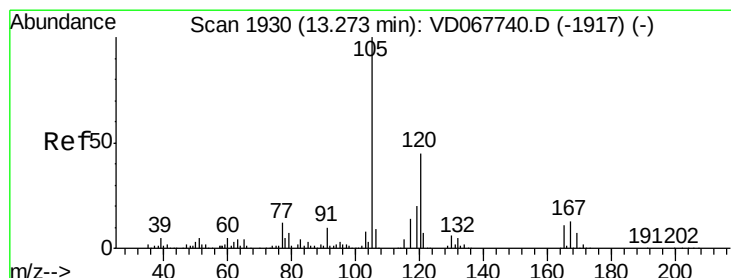
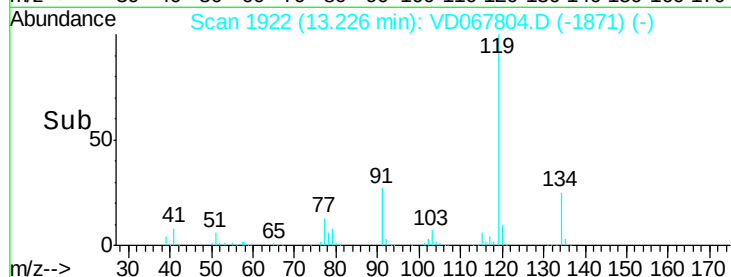
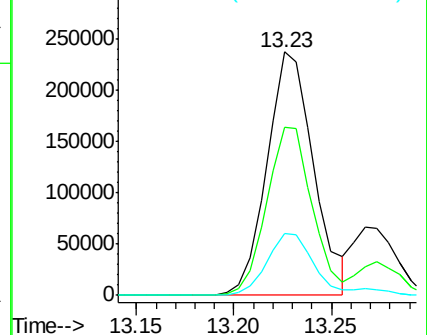
134 27.1 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.829 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067804.D

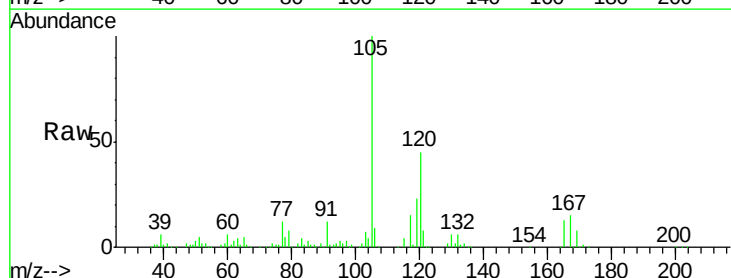
Acq: 30 Nov 2020 10:03

Tgt Ion:105 Resp: 453093

Ion Ratio Lower Upper

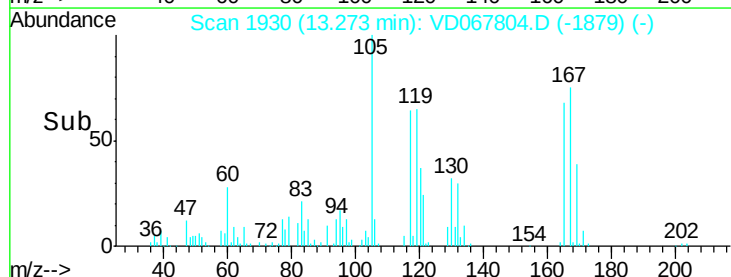
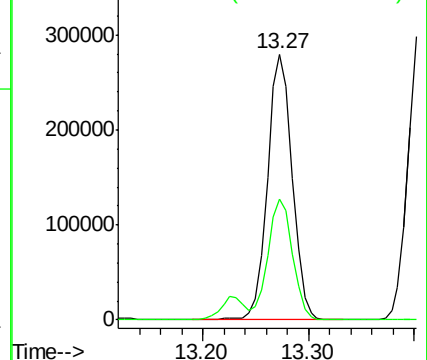
105 100

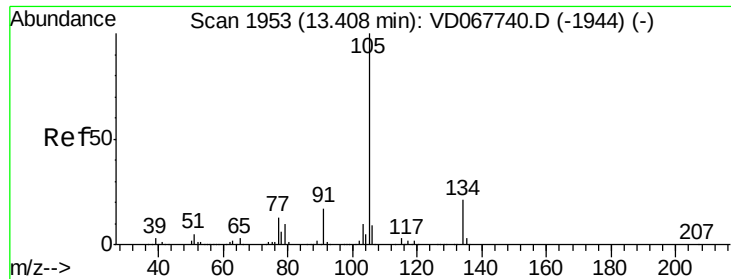
120 45.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

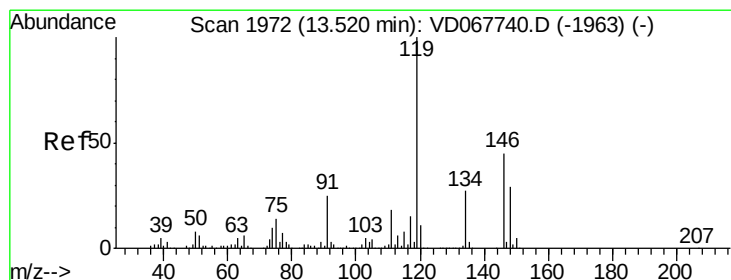
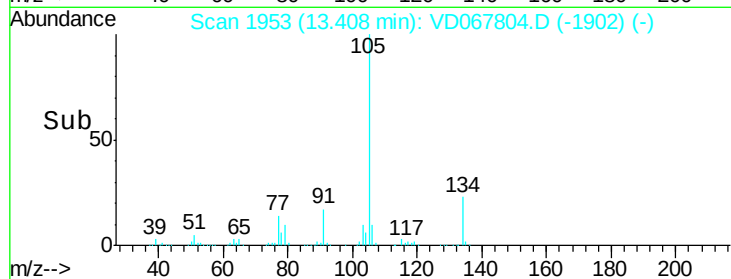
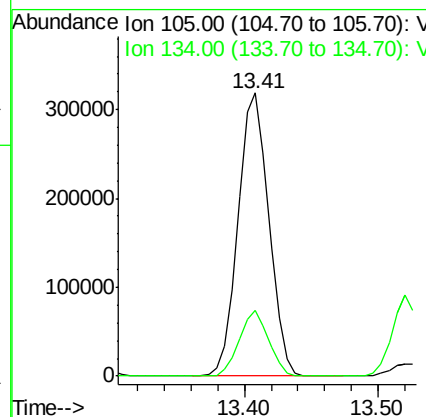
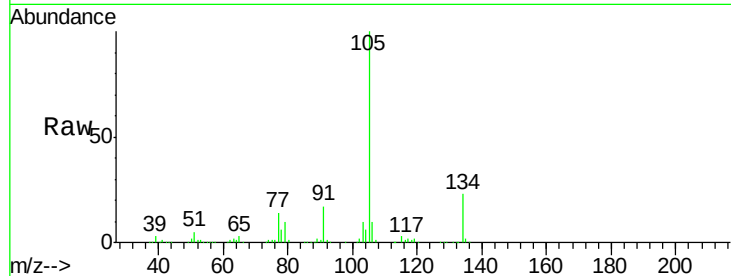




#85
 sec-Butylbenzene
 Concen: 53.685 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

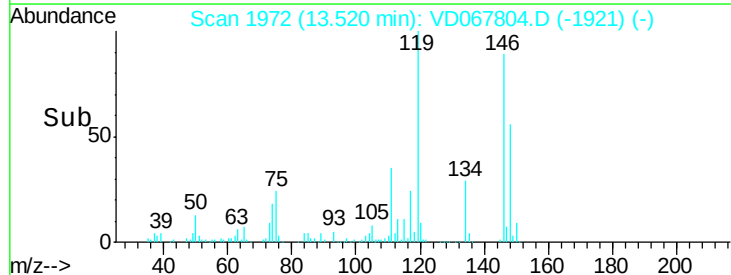
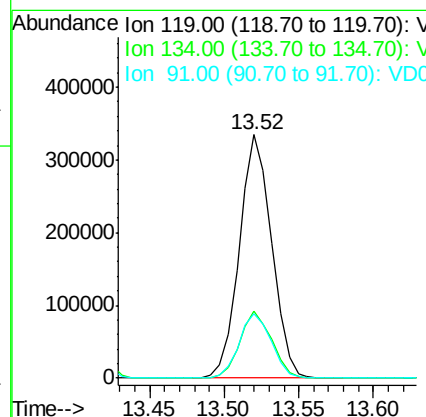
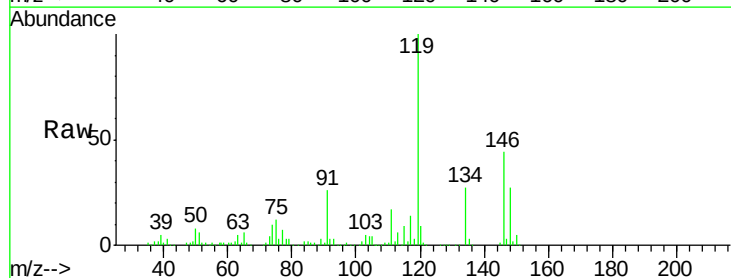
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

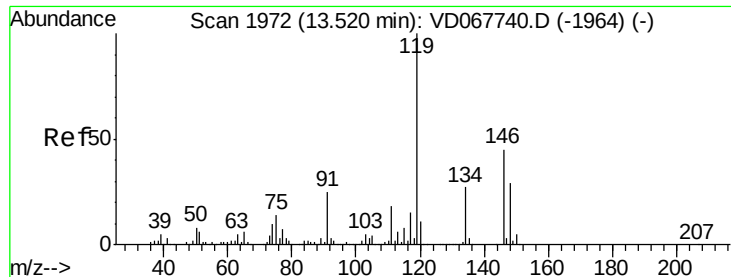
Tgt Ion:105 Resp: 510661
 Ion Ratio Lower Upper
 105 100
 134 22.1 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 54.471 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion:119 Resp: 501858
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 38.9
 91 26.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 51.418 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

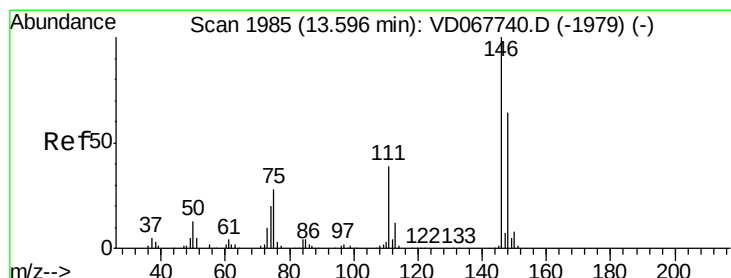
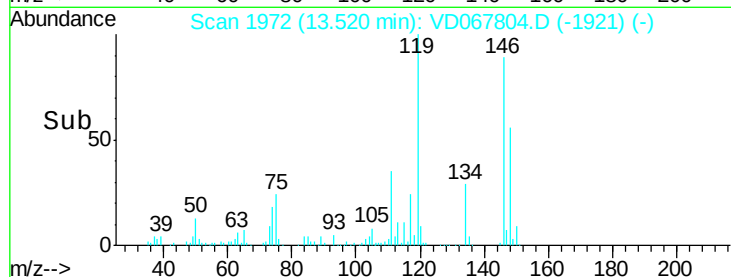
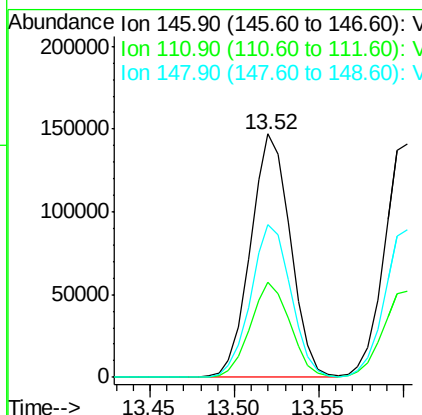
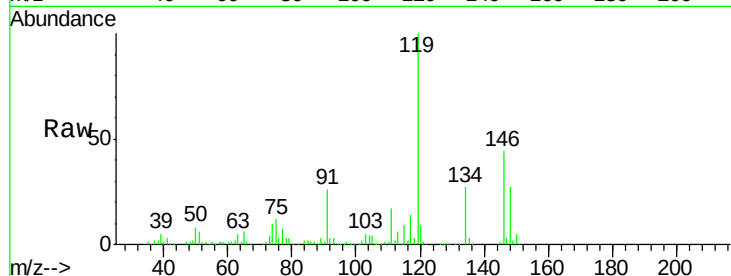
Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 241328

Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.2	60.6
148	63.3	32.5	97.4



#88

1,4-Dichlorobenzene

Concen: 51.230 ug/l

RT: 13.60 min Scan# 1986

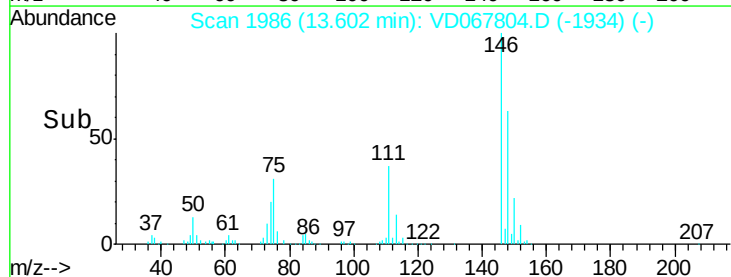
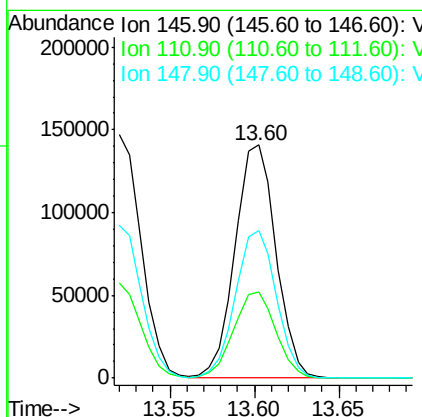
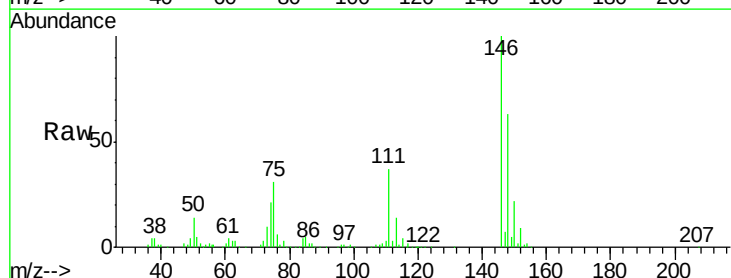
Delta R.T. 0.01 min

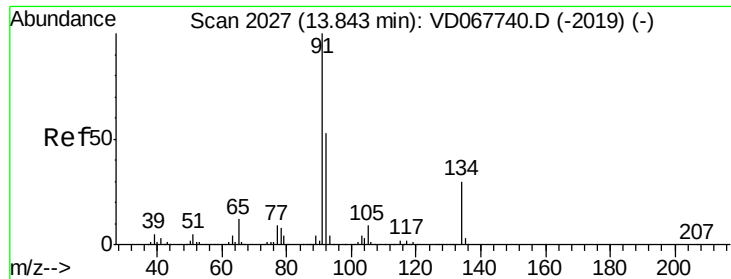
Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Tgt Ion:146 Resp: 238179

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.4
148	63.4	31.6	94.8

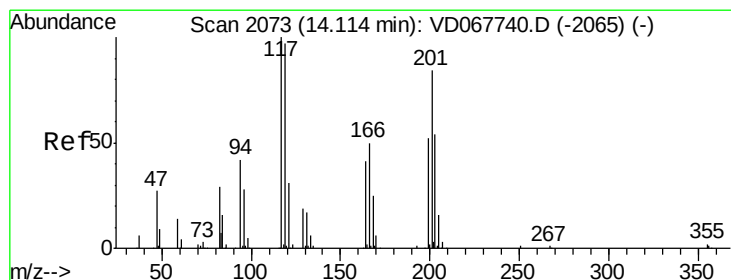
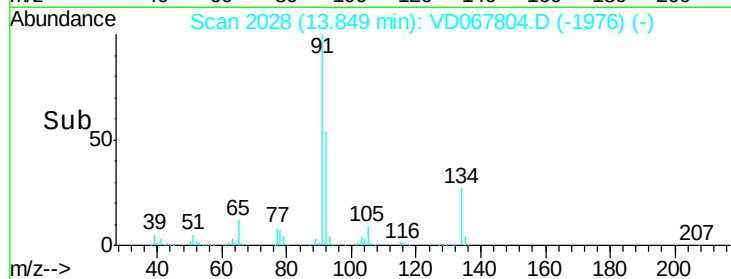
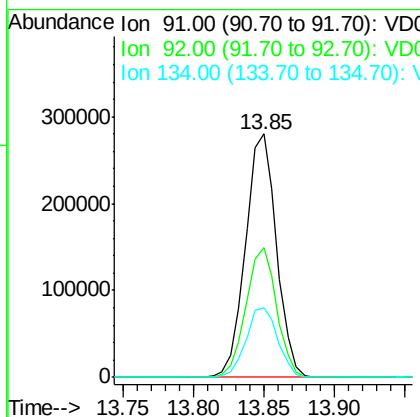
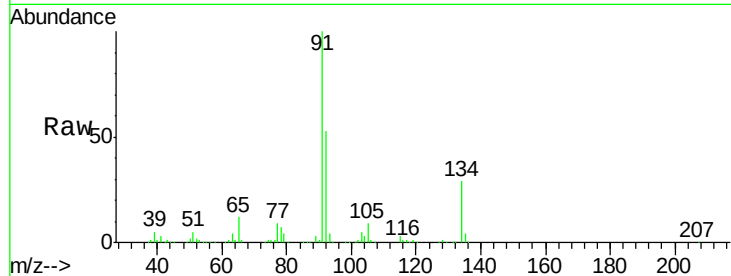




#89
n-Butylbenzene
Concen: 54.552 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

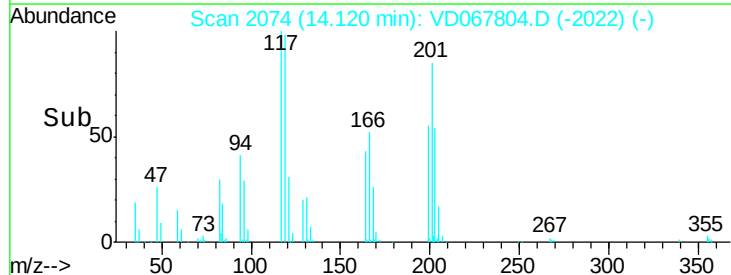
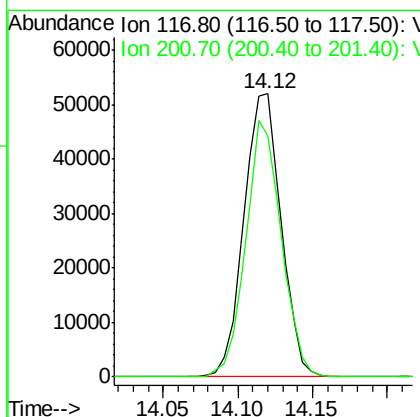
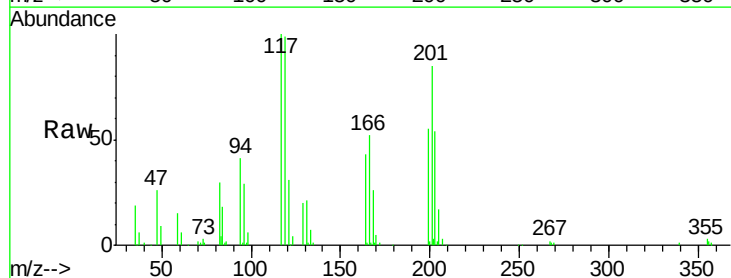
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

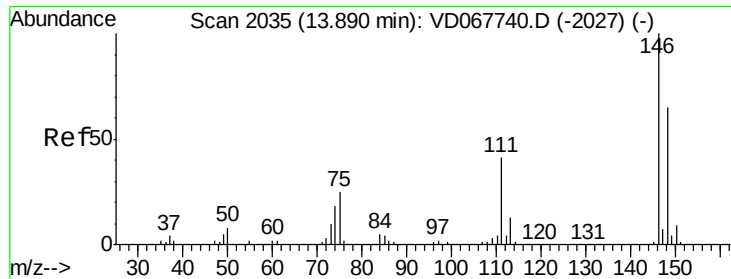
Tgt Ion: 91 Resp: 430699
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 29.3 14.8 44.3



#90
Hexachloroethane
Concen: 51.154 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 117 Resp: 89718
Ion Ratio Lower Upper
117 100
201 86.2 42.2 126.6

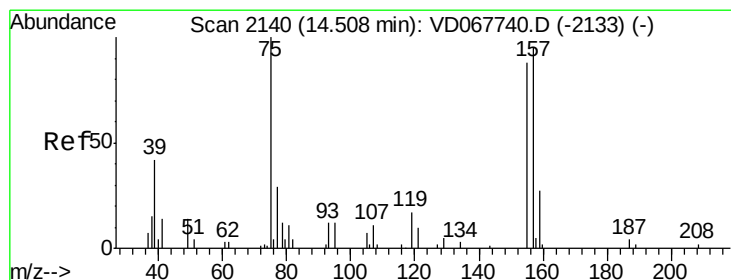
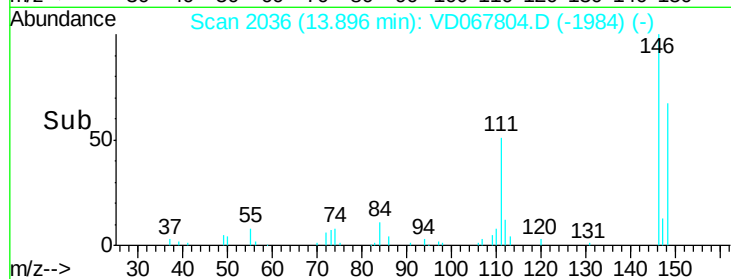
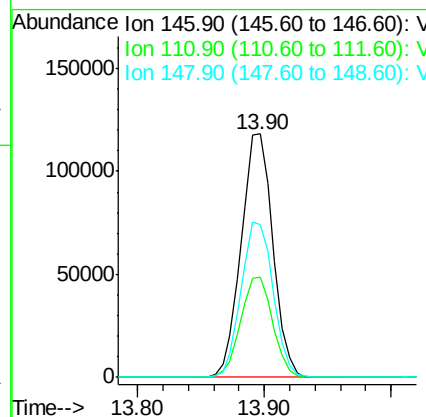
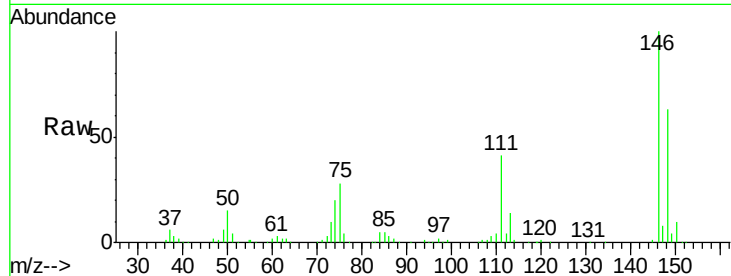




#91
 1,2-Dichlorobenzene
 Concen: 50.806 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

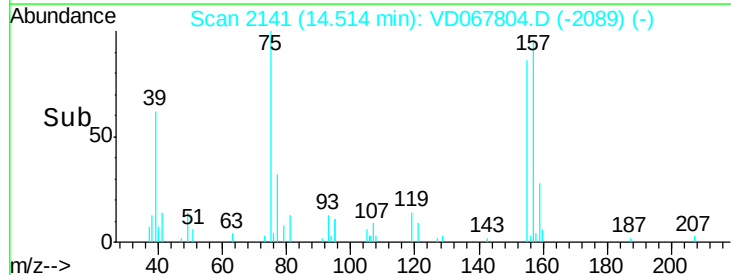
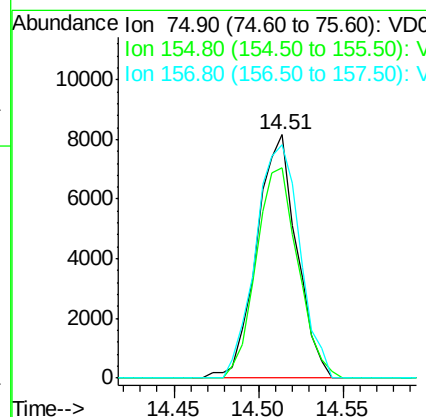
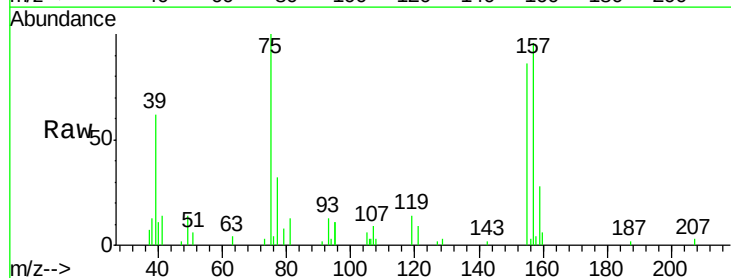
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

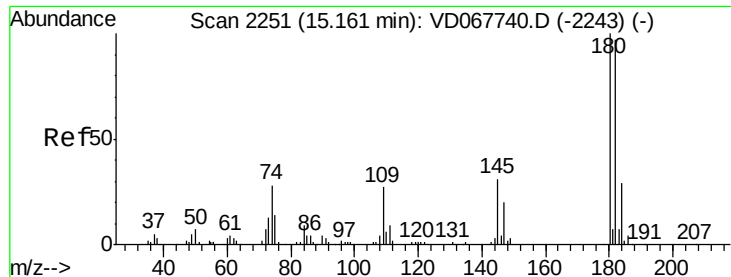
Tgt Ion: 146 Resp: 205412
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.5
 148 64.2 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.819 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 75 Resp: 13404
 Ion Ratio Lower Upper
 75 100
 155 90.7 41.0 123.0
 157 106.6 51.1 153.4

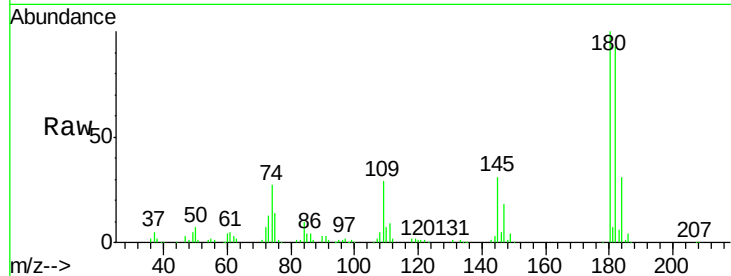




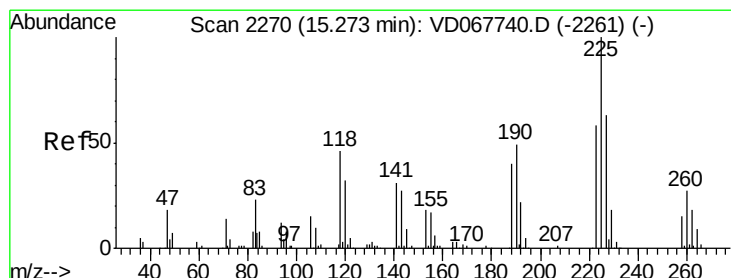
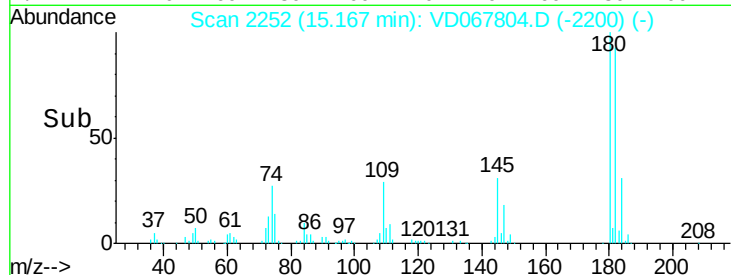
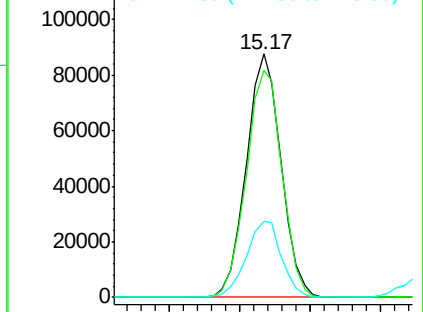
#93
 1,2,4-Trichlorobenzene
 Concen: 52.957 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 151601
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.4 142.2
 145 31.6 16.1 48.3

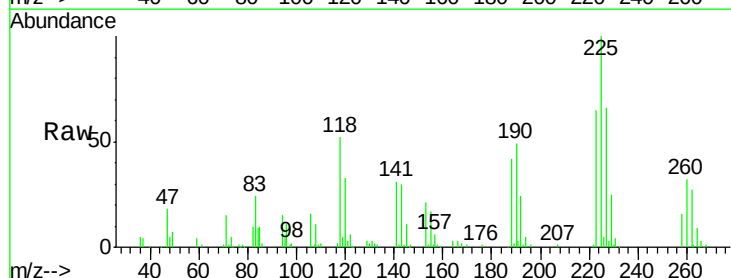


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

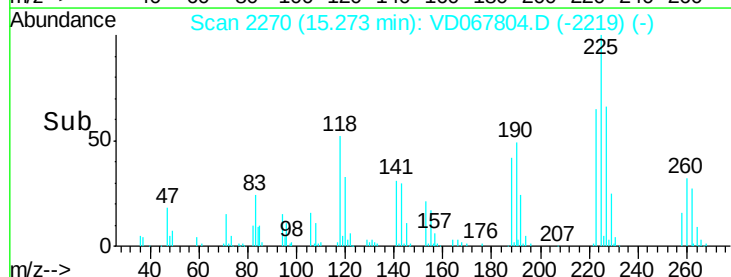
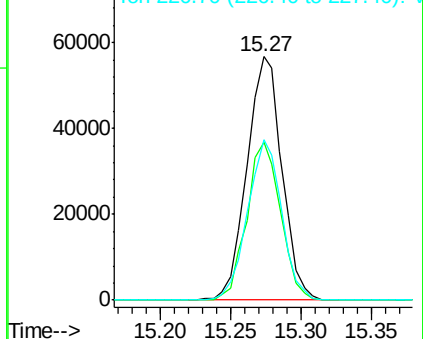


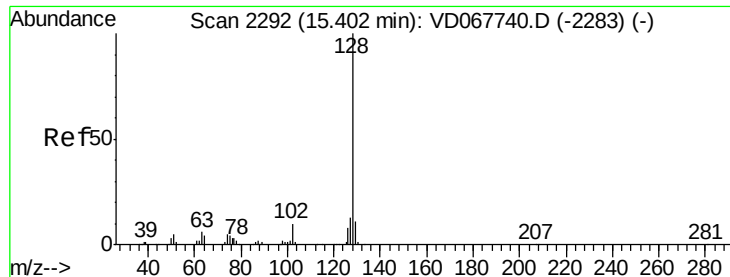
#94
 Hexachlorobutadiene
 Concen: 53.884 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion:225 Resp: 98558
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.5 94.5
 227 64.0 32.9 98.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.891 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

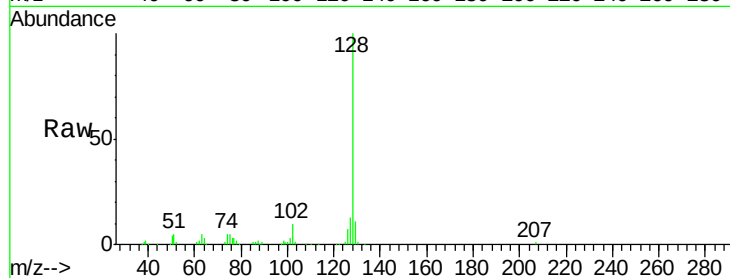
Tgt Ion:128 Resp: 235779

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

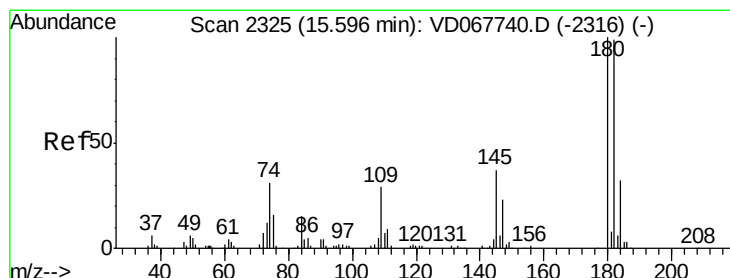
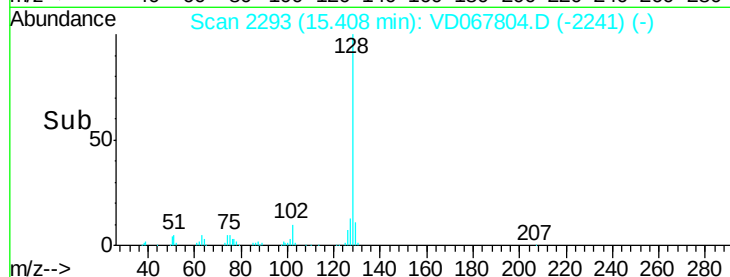
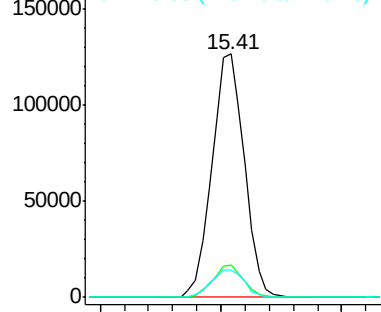
129 11.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.635 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

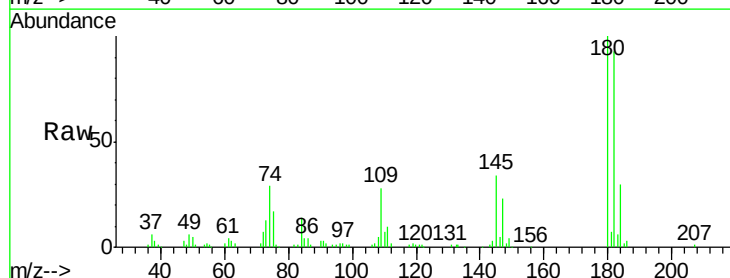
Tgt Ion:180 Resp: 123473

Ion Ratio Lower Upper

180 100

182 97.9 48.0 144.0

145 35.2 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

