

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067557.D
 Acq On : 09 Nov 2020 11:18
 Operator : VA/SY
 Sample : VD1109SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	297448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	429336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	393272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	198000	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	124185	47.75	ug/l	0.00
Spiked Amount						
			Recovery	=	95.50%	
35) Dibromofluoromethane	7.91	113	127799	49.41	ug/l	0.00
Spiked Amount						
			Recovery	=	98.82%	
50) Toluene-d8	10.34	98	446187	49.08	ug/l	0.00
Spiked Amount						
			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.64	95	159581	50.85	ug/l	0.00
Spiked Amount						
			Recovery	=	101.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	63859	24.173	ug/l	98
3) Chloromethane	2.21	50	37714	20.361	ug/l	99
4) Vinyl Chloride	2.35	62	41841	20.261	ug/l	94
5) Bromomethane	2.76	94	32579	19.464	ug/l	99
6) Chloroethane	2.92	64	25933	20.369	ug/l #	82
7) Trichlorofluoromethane	3.27	101	116430	21.774	ug/l	92
8) Diethyl Ether	3.70	74	22570	20.948	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	60863	22.550	ug/l	99
10) Methyl Iodide	4.30	142	52362	18.101	ug/l	96
11) Tert butyl alcohol	5.20	59	8252	58.122	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	52800	21.268	ug/l	98
13) Acrolein	3.91	56	3089	52.077	ug/l #	40
14) Allyl chloride	4.72	41	51626	19.430	ug/l	92
15) Acrylonitrile	5.41	53	40732	102.270	ug/l	98
16) Acetone	4.16	43	37677	96.805	ug/l	97
17) Carbon Disulfide	4.40	76	154987	20.373	ug/l	99
18) Methyl Acetate	4.72	43	17503	21.763	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	106937	21.837	ug/l #	87
20) Methylene Chloride	4.97	84	64091	23.312	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	59881	20.708	ug/l	93
22) Diisopropyl ether	6.36	45	108089	20.875	ug/l	96
23) Vinyl Acetate	6.31	43	279748	103.214	ug/l	98
24) 1,1-Dichloroethane	6.26	63	87462	20.647	ug/l	98
25) 2-Butanone	7.21	43	42851	103.038	ug/l	100
26) 2,2-Dichloropropane	7.21	77	97294	21.763	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	63848	21.273	ug/l	95
28) Bromochloromethane	7.55	49	29325	19.462	ug/l	97
29) Tetrahydrofuran	7.56	42	25533	102.497	ug/l	97
30) Chloroform	7.71	83	109782	21.724	ug/l	100
31) Cyclohexane	7.99	56	76304	20.228	ug/l #	80
32) 1,1,1-Trichloroethane	7.90	97	113888	21.842	ug/l	99
36) 1,1-Dichloropropene	8.11	75	81172	22.087	ug/l	99
37) Ethyl Acetate	7.29	43	19945	20.904	ug/l #	94
38) Carbon Tetrachloride	8.10	117	110345	23.109	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	93180	21.542	ug/l	95
40) Benzene	8.35	78	217930	21.892	ug/l	97
41) Methacrylonitrile	7.53	41	12645	22.172	ug/l #	66
42) 1,2-Dichloroethane	8.43	62	68723	22.344	ug/l	97
43) Isopropyl Acetate	8.45	43	41135	21.800	ug/l	100
44) Trichloroethene	9.11	130	71896	21.965	ug/l	83
45) 1,2-Dichloropropane	9.39	63	48129	22.362	ug/l	100
46) Dibromomethane	9.48	93	30397	22.212	ug/l	99
47) Bromodichloromethane	9.67	83	84776	22.792	ug/l	92
48) Methyl methacrylate	9.46	41	21424	21.990	ug/l	98
49) 1,4-Dioxane	9.46	88	6341	456.432	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	98189	108.805	ug/l	99
52) Toluene	10.41	92	151793	22.765	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	71954	22.587	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	83366	22.026	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	38918	21.494	ug/l	95
56) Ethyl methacrylate	10.67	69	38608	20.648	ug/l	99
57) 1,3-Dichloropropane	10.95	76	66082	22.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	92984	106.638	ug/l	100
59) 2-Hexanone	10.99	43	67988	107.750	ug/l	100
60) Dibromochloromethane	11.14	129	59799	22.326	ug/l	97
61) 1,2-Dibromoethane	11.25	107	38758	21.328	ug/l	100
64) Tetrachloroethene	10.88	164	65110	22.355	ug/l	97
65) Chlorobenzene	11.67	112	167282	22.082	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.75	131	65724	22.013	ug/l	98
67) Ethyl Benzene	11.75	91	293297	22.625	ug/l	99
68) m/p-Xylenes	11.86	106	231056	45.815	ug/l	99
69) o-Xylene	12.18	106	104997	23.319	ug/l	96
70) Styrene	12.20	104	176049	22.438	ug/l	99
71) Bromoform	12.36	173	33862	22.237	ug/l #	93
73) Isopropylbenzene	12.48	105	288978	22.583	ug/l	99
74) N-amyl acetate	12.29	43	35450	21.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	35711	20.466	ug/l	93
76) 1,2,3-Trichloropropane	12.79	75	54270	45.435	ug/l #	100
77) Bromobenzene	12.76	156	69732	22.189	ug/l	96
78) n-propylbenzene	12.83	91	334707	22.867	ug/l	100
79) 2-Chlorotoluene	12.91	91	190045	22.857	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	247155	22.610	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	12562	21.352	ug/l	97
82) 4-Chlorotoluene	13.01	91	203269	22.795	ug/l	100
83) tert-Butylbenzene	13.23	119	208656	22.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	249962	22.972	ug/l	99
85) sec-Butylbenzene	13.40	105	281659	22.521	ug/l	97
86) p-Isopropyltoluene	13.52	119	278624	23.070	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	136479	22.759	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	136297	22.447	ug/l	99
89) n-Butylbenzene	13.84	91	238397	22.853	ug/l	99
90) Hexachloroethane	14.11	117	51243	22.531	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	114834	22.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6339	20.518	ug/l	87

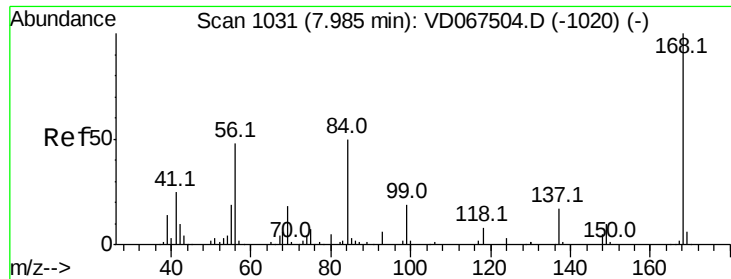
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110920\
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	77887	22.112	ug/l	99
94) Hexachlorobutadiene	15.27	225	51936	22.030	ug/l	98
95) Naphthalene	15.40	128	116470	21.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	65964	21.869	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: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

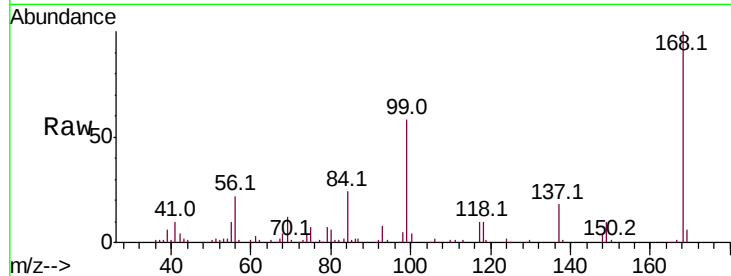
ClientSampleId :

Tot Ion:168 Resp: 297448

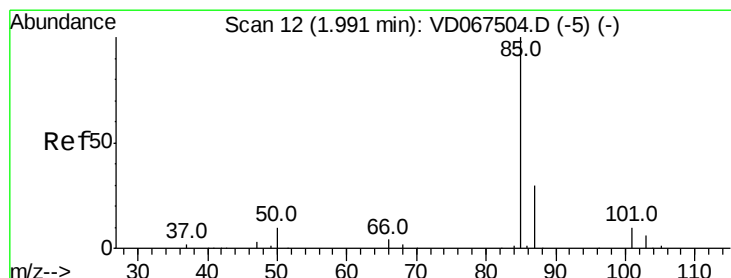
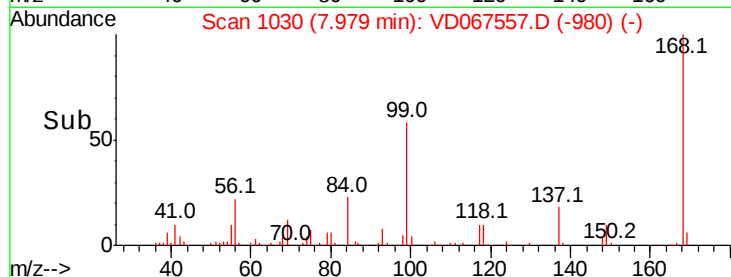
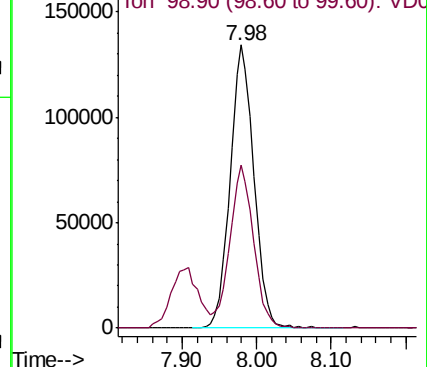
Ion Ratio Lower Upper

168 100

99 57.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 24.173 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067557.D

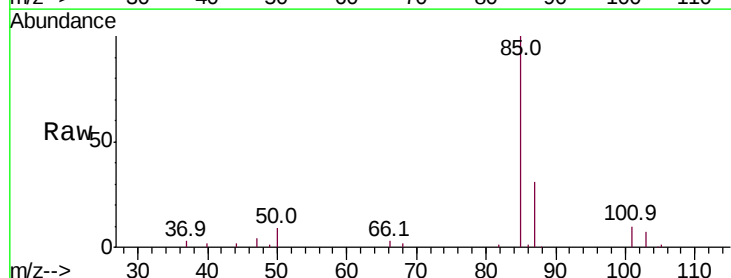
Acq: 09 Nov 2020 11:18

Tgt Ion: 85 Resp: 63859

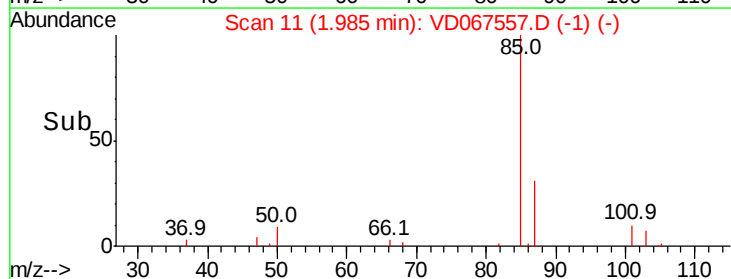
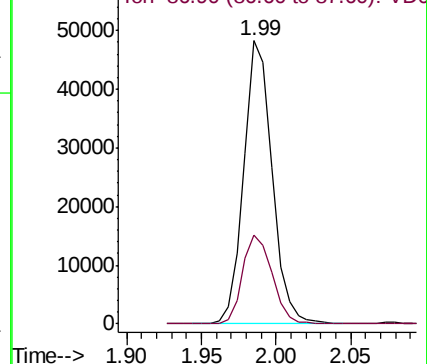
Ion Ratio Lower Upper

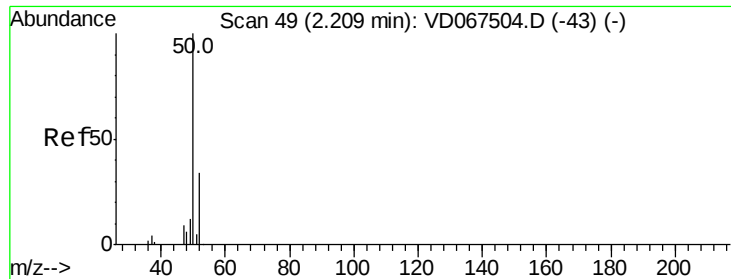
85 100

87 31.5 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC





#3

Chloromethane

Concen: 20.361 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

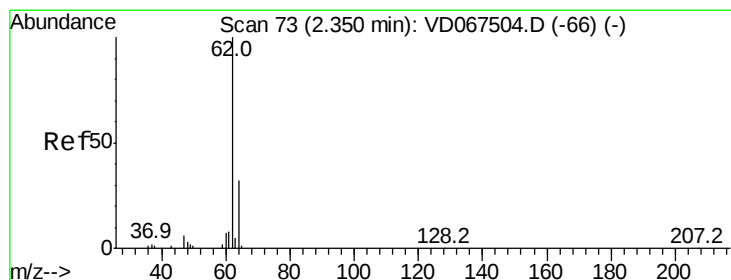
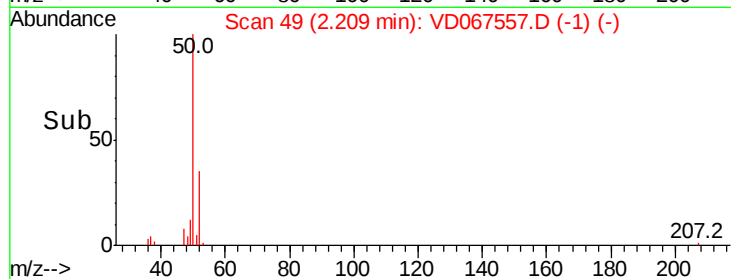
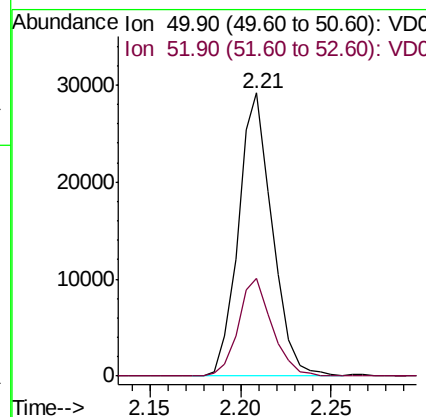
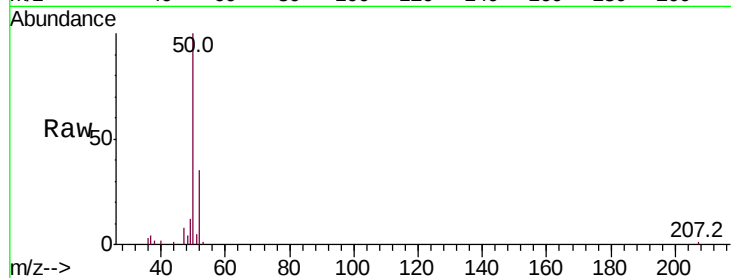
ClientSampleId :

Tot Ion: 50 Resp: 37714

Ion Ratio Lower Upper

50 100

52 34.6 27.3 40.9



#4

Vinyl Chloride

Concen: 20.261 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067557.D

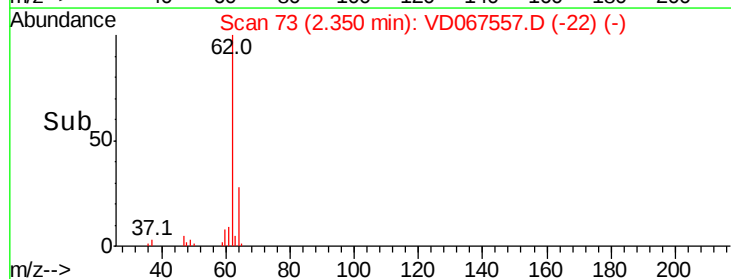
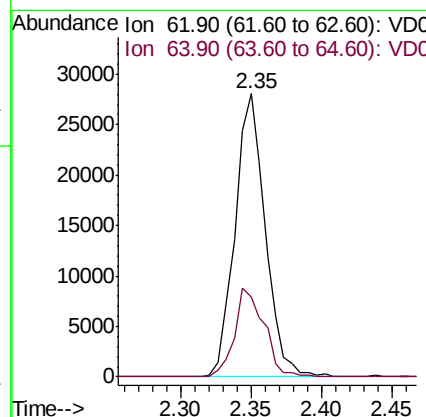
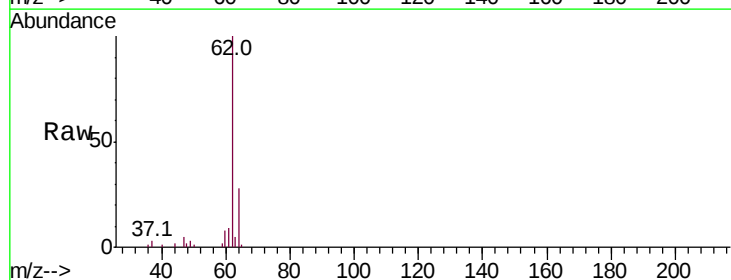
Acq: 09 Nov 2020 11:18

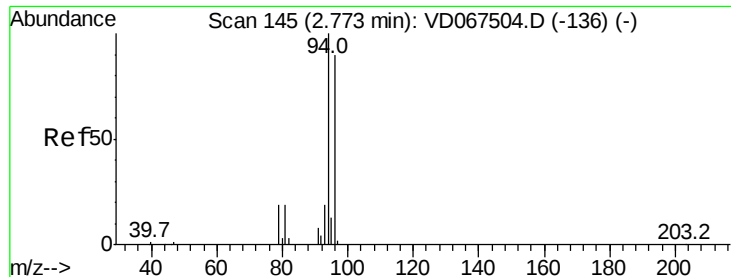
Tgt Ion: 62 Resp: 41841

Ion Ratio Lower Upper

62 100

64 28.4 25.6 38.4





#5

Bromomethane

Concen: 19.464 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

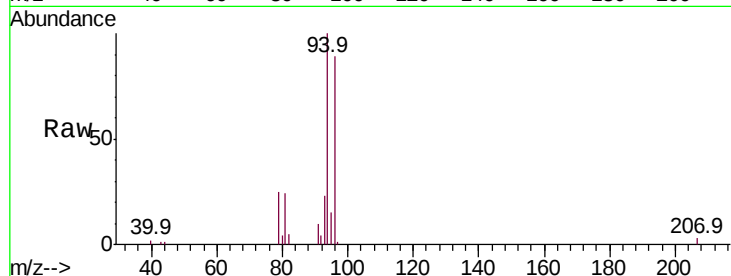
ClientSampleId :

Tot Ion: 94 Resp: 32579

Ion Ratio Lower Upper

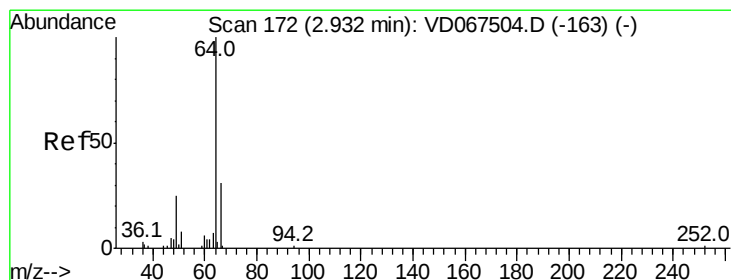
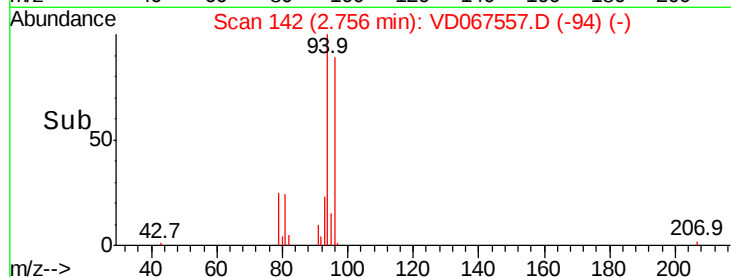
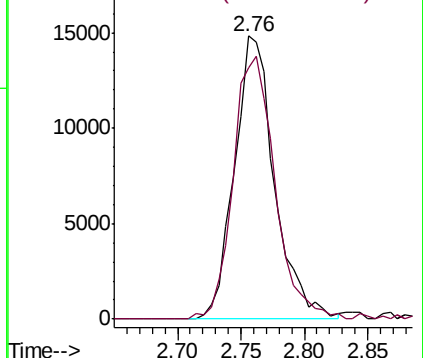
94 100

96 88.8 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.369 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067557.D

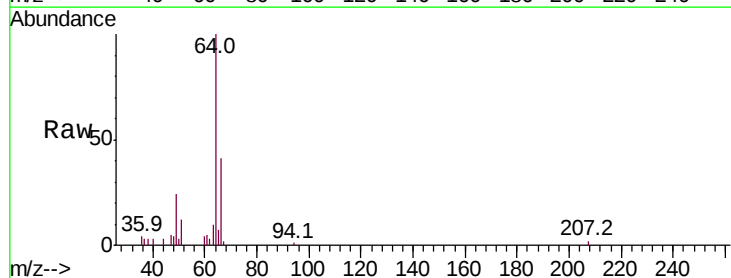
Acq: 09 Nov 2020 11:18

Tgt Ion: 64 Resp: 25933

Ion Ratio Lower Upper

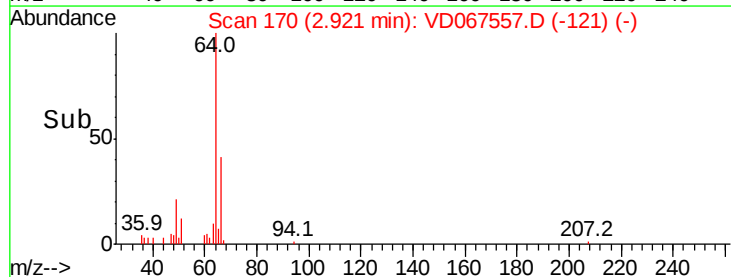
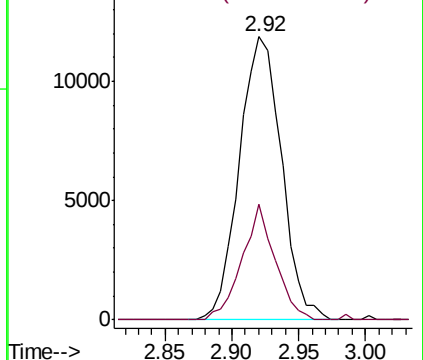
64 100

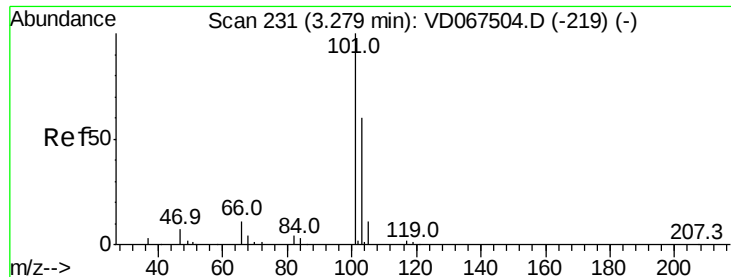
66 40.7 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



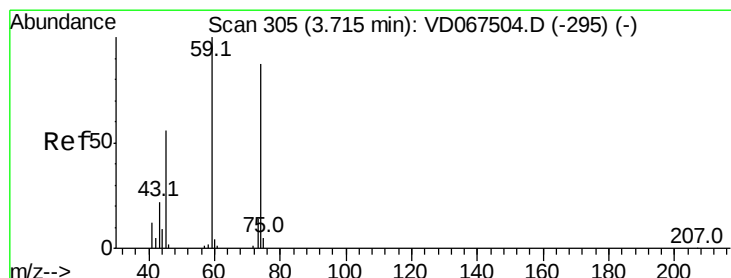
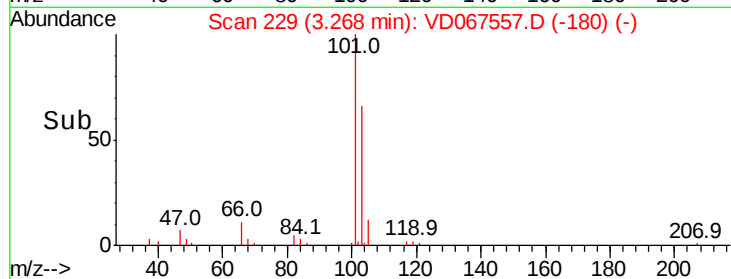
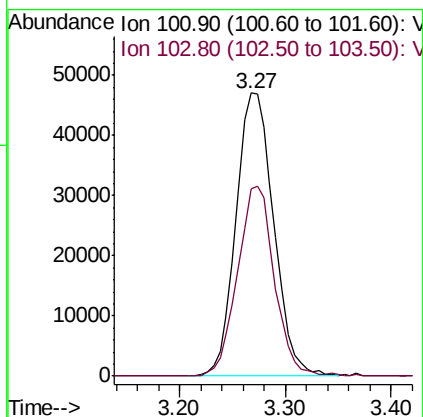
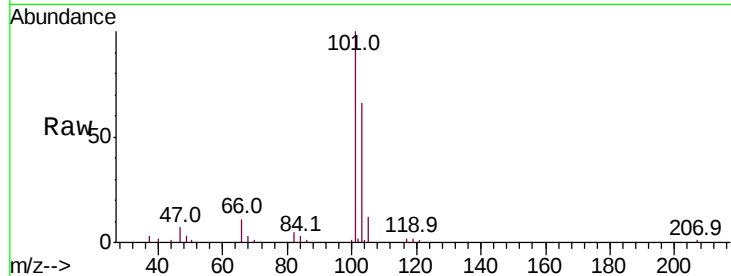


#7

Trichlorofluoromethane
 Concen: 21.774 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :

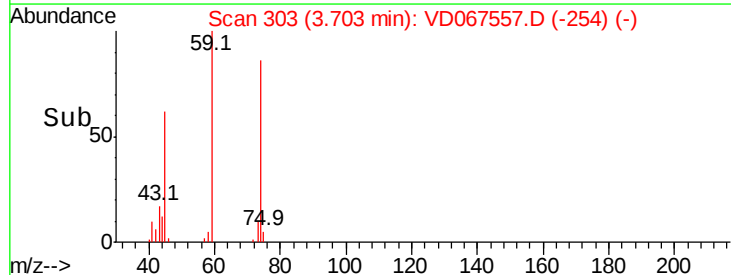
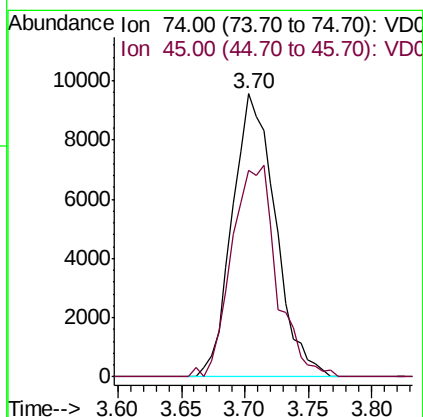
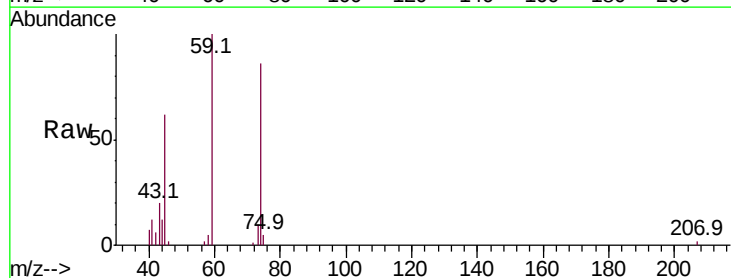
Tot Ion:101 Resp: 116430
 Ion Ratio Lower Upper
 101 100
 103 66.1 48.1 72.1

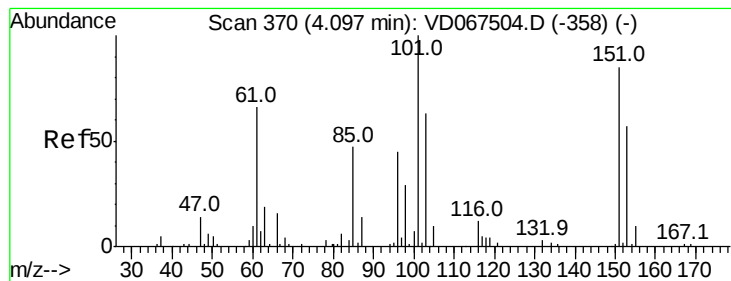


#8

Diethyl Ether
 Concen: 20.948 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Tgt Ion: 74 Resp: 22570
 Ion Ratio Lower Upper
 74 100
 45 78.3 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.550 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampled :

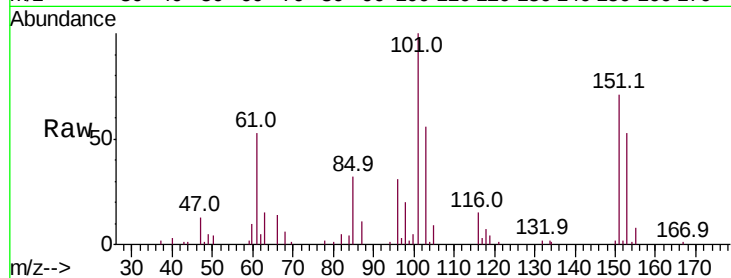
Tot Ion:101 Resp: 60863

Ion Ratio Lower Upper

101 100

85 41.4 34.4 51.6

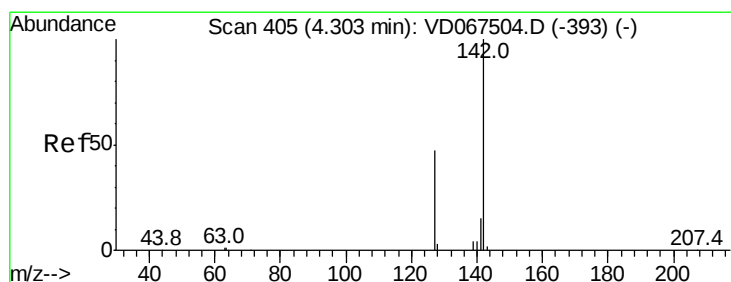
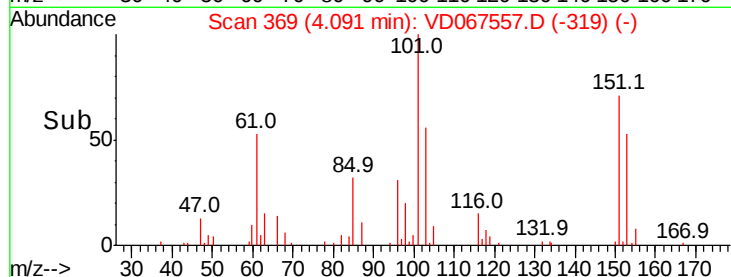
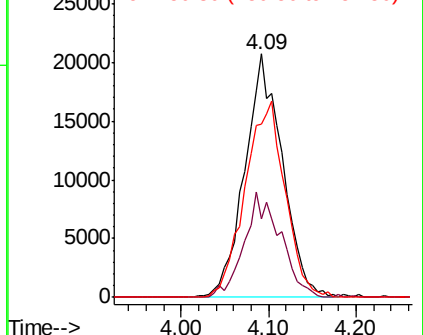
151 85.7 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.101 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

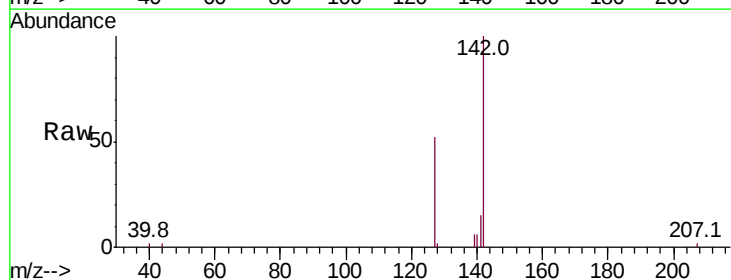
Tgt Ion:142 Resp: 52362

Ion Ratio Lower Upper

142 100

127 52.9 40.0 60.0

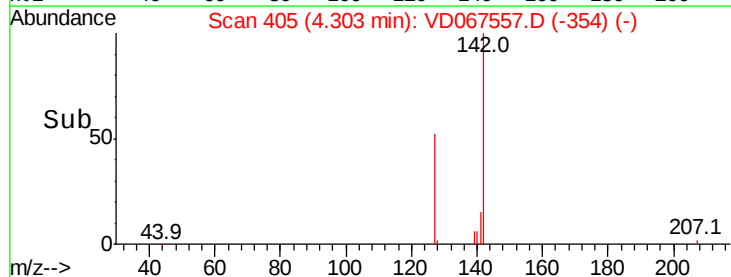
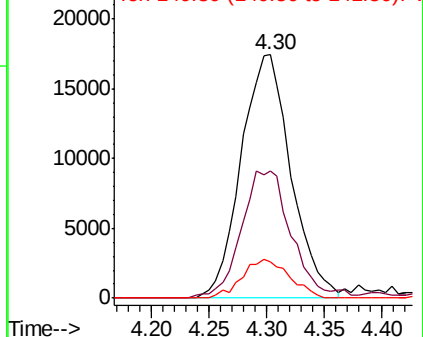
141 15.2 11.7 17.5

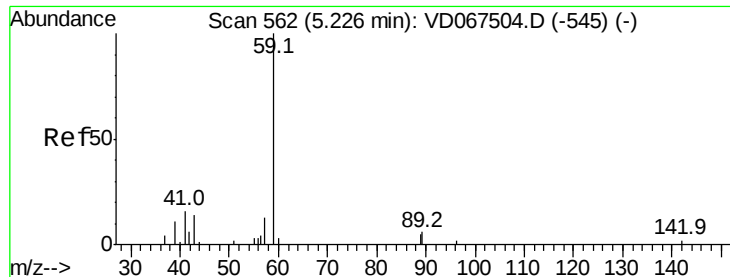


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



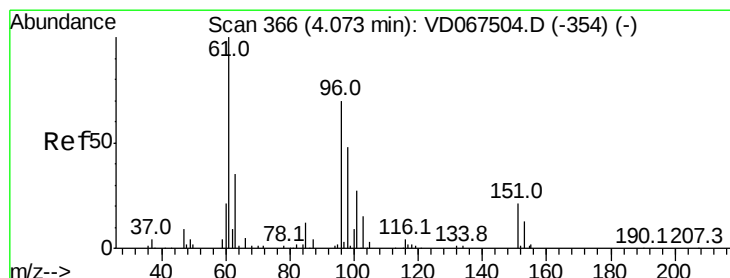
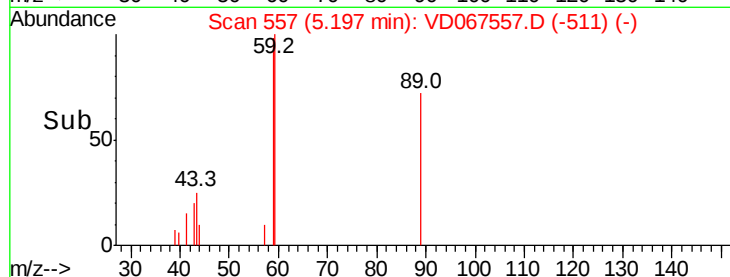
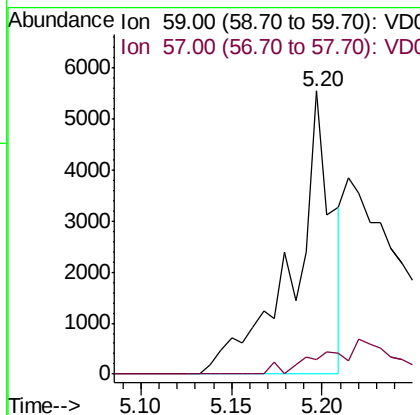
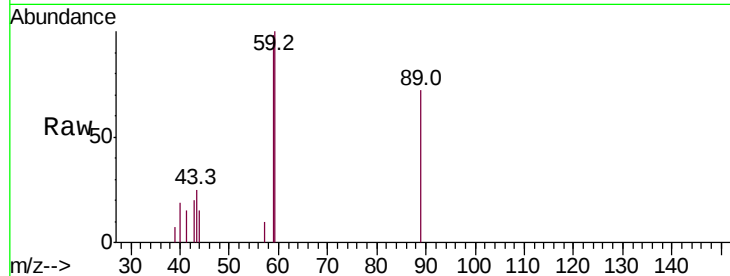


#11

Tert butyl alcohol
 Concen: 58.122 ug/l
 RT: 5.20 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Instrument :
 MSVOA_D
 ClientSampled :

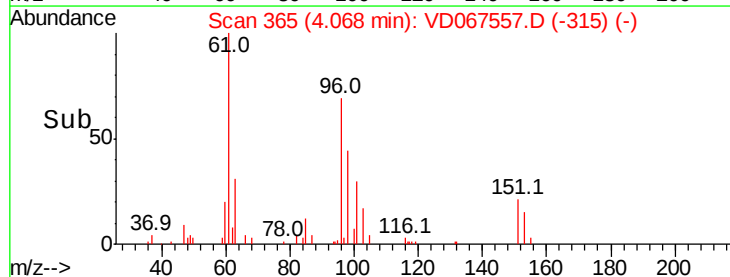
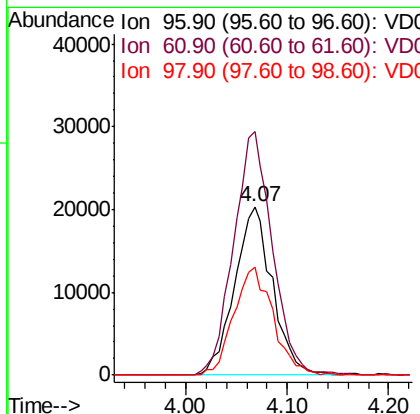
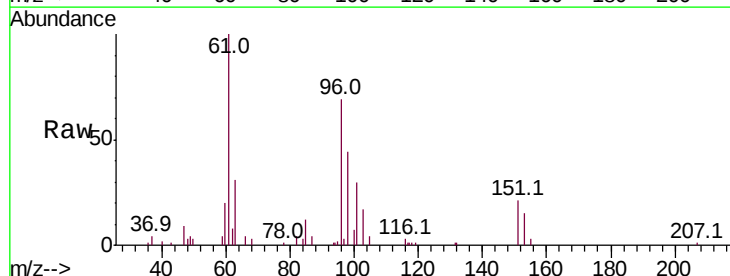
Tot Ion: 59 Resp: 8252
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

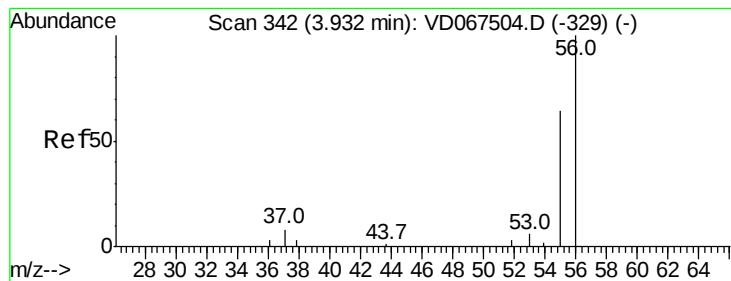


#12

1,1-Dichloroethene
 Concen: 21.268 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Tgt Ion: 96 Resp: 52800
 Ion Ratio Lower Upper
 96 100
 61 144.4 114.5 171.7
 98 63.7 54.5 81.7





#13

Acrolein

Concen: 52.077 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.02 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

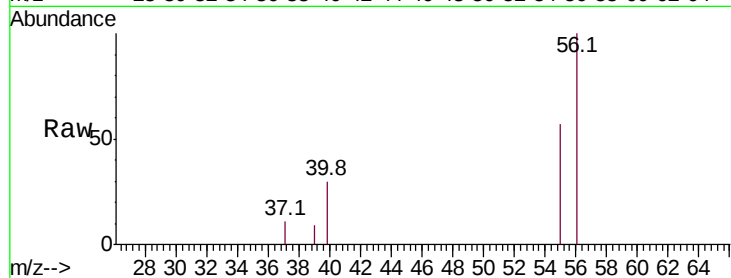
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 3089

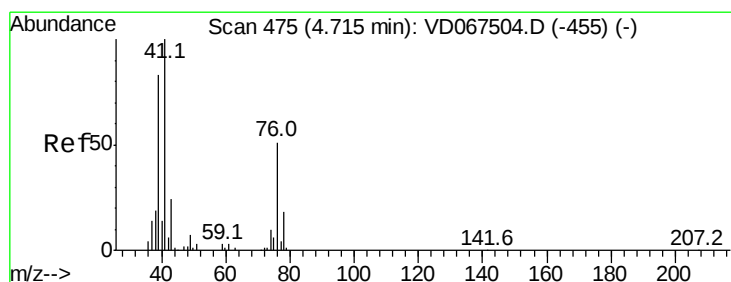
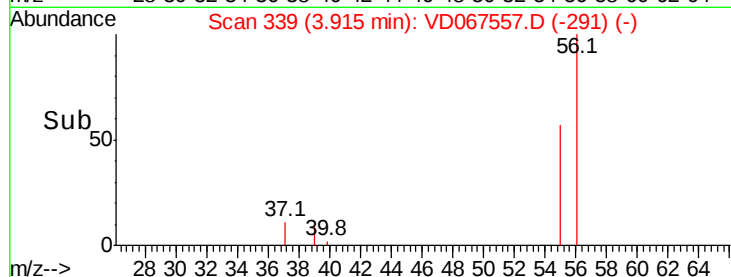
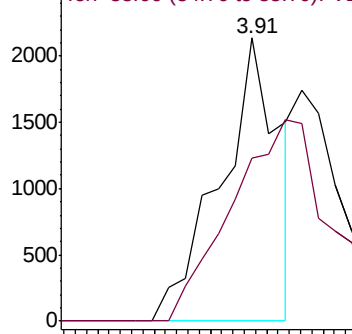
Ion Ratio Lower Upper

56 100

55 119.3 55.8 83.8#



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



#14

Allyl chloride

Concen: 19.430 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

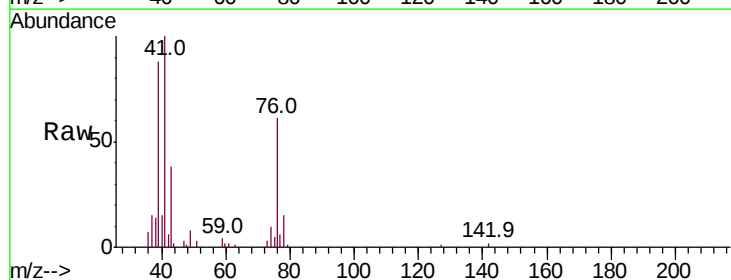
Tgt Ion: 41 Resp: 51626

Ion Ratio Lower Upper

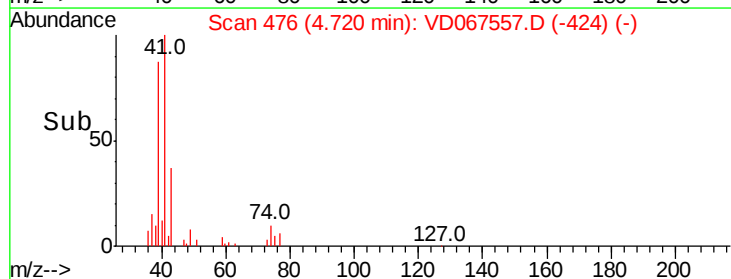
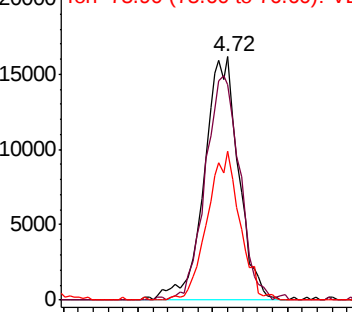
41 100

39 91.8 67.4 101.0

76 58.0 42.2 63.2



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: 102.270 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.02 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

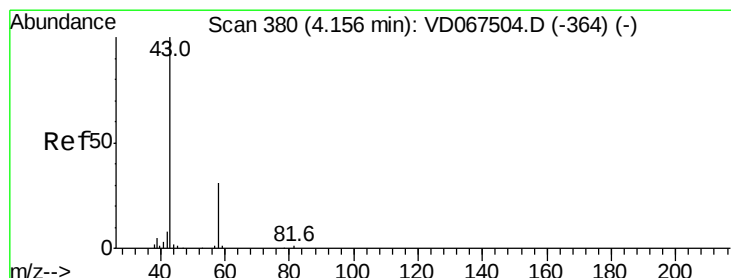
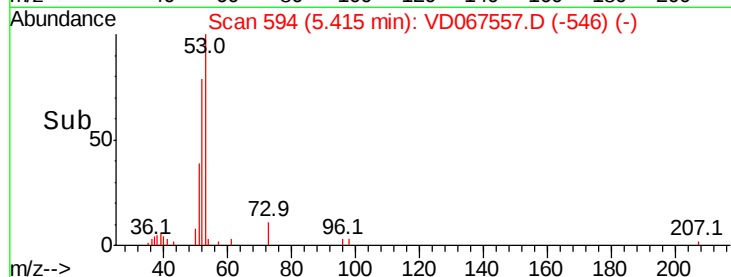
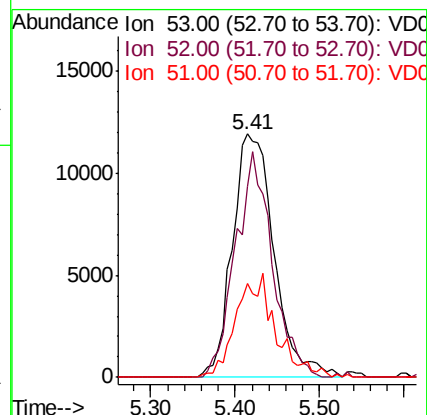
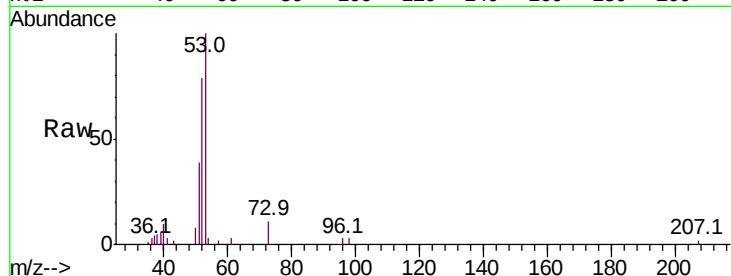
Tot Ion: 53 Resp: 40732

Ion Ratio Lower Upper

53 100

52 82.1 64.8 97.2

51 39.7 29.5 44.3



#16

Acetone

Concen: 96.805 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067557.D

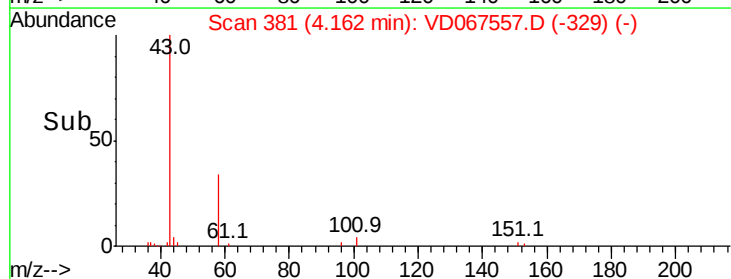
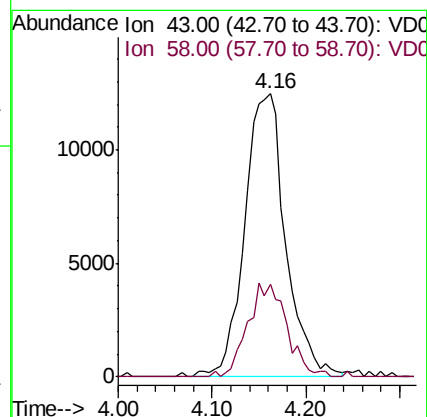
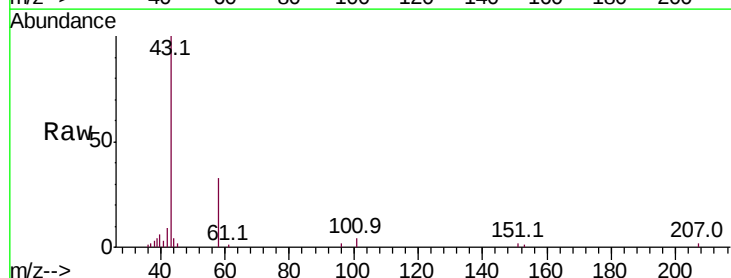
Acq: 09 Nov 2020 11:18

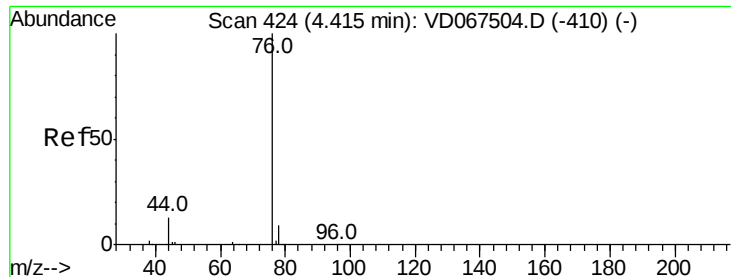
Tgt Ion: 43 Resp: 37677

Ion Ratio Lower Upper

43 100

58 32.9 25.2 37.8

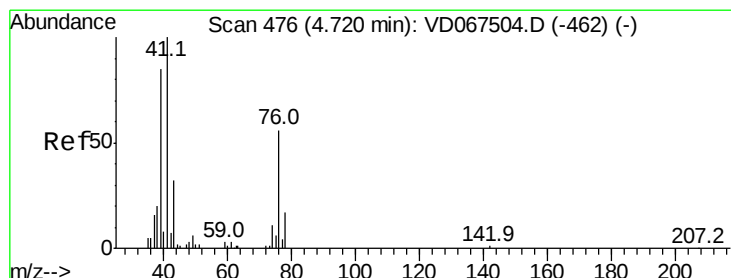
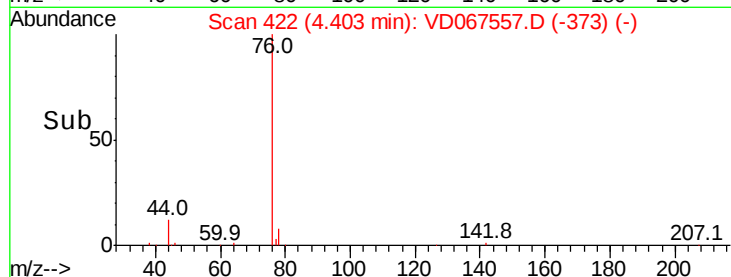
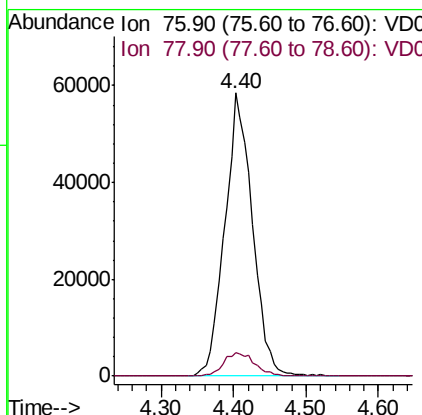
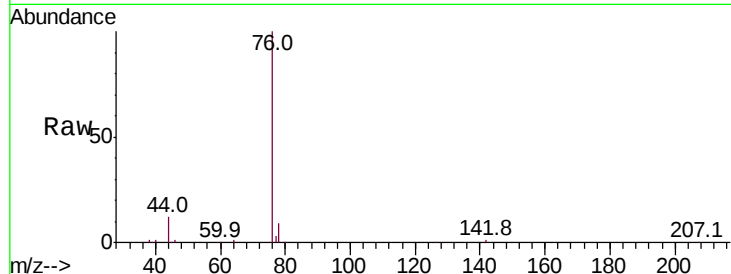




#17
Carbon Disulfide
Concen: 20.373 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

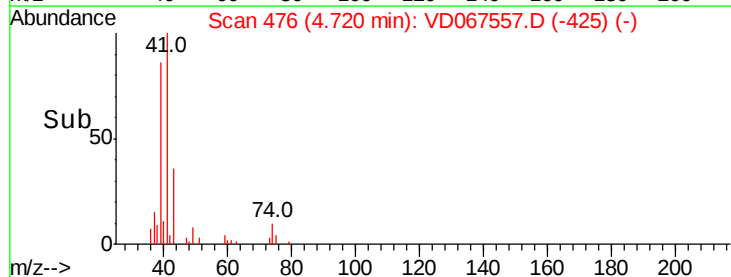
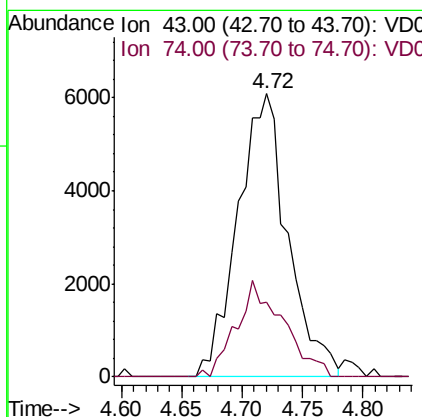
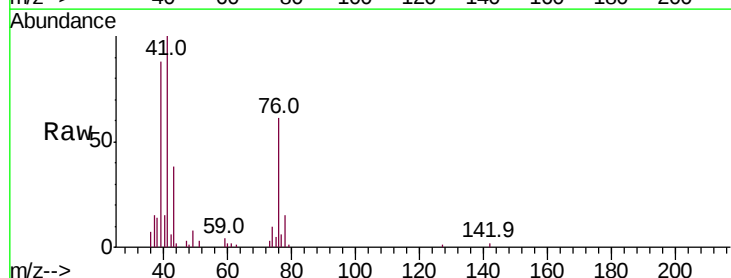
Instrument :
MSVOA_D
ClientSampleId :

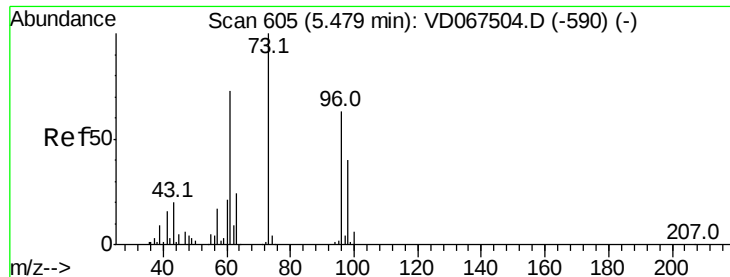
Tot Ion: 76 Resp: 154987
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 21.763 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Tgt Ion: 43 Resp: 17503
Ion Ratio Lower Upper
43 100
74 31.8 27.2 40.8

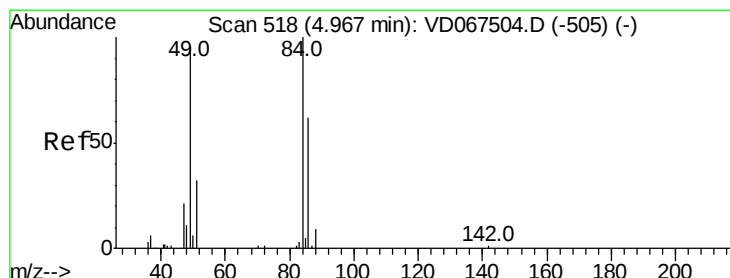
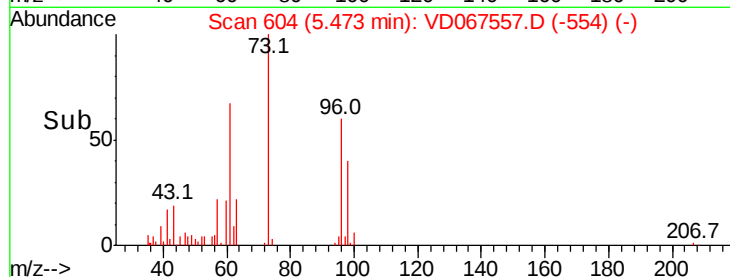
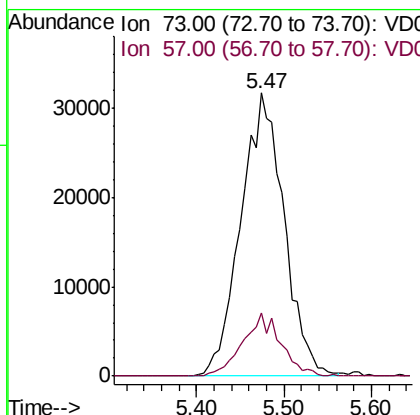
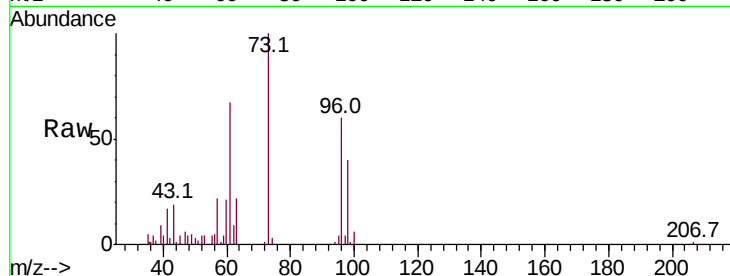




#19
Methvl tert-butvl Ether
Concen: 21.837 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

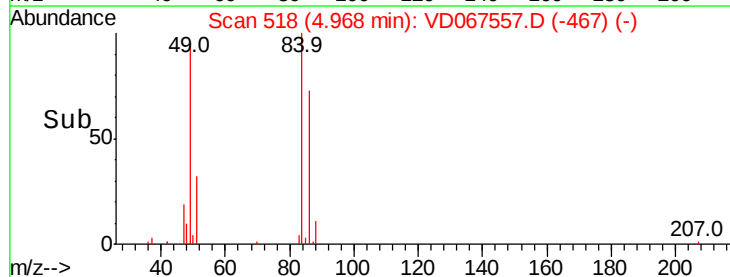
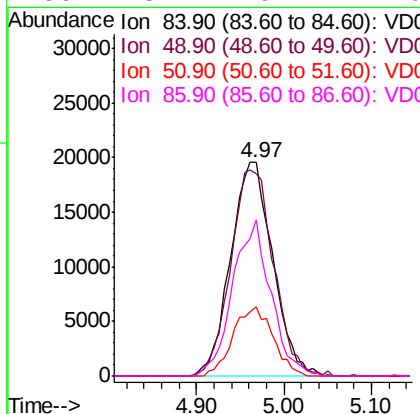
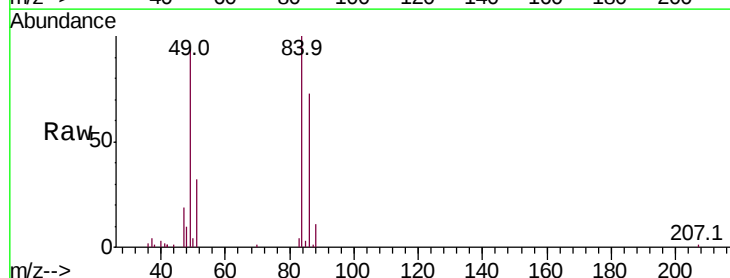
Instrument :
MSVOA_D
ClientSampled :

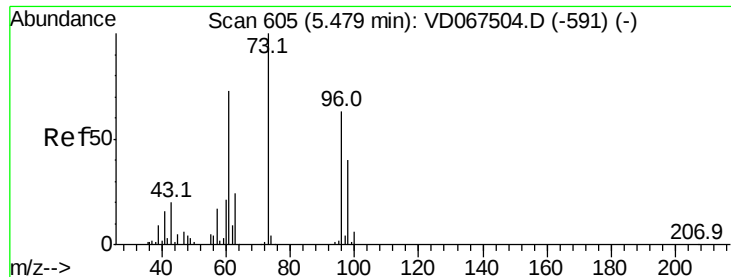
Tot Ion: 73 Resp: 106937
Ion Ratio Lower Upper
73 100
57 22.3 13.4 20.0#



#20
Methylene Chloride
Concen: 23.312 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Tgt Ion: 84 Resp: 64091
Ion Ratio Lower Upper
84 100
49 94.4 77.0 115.4
51 32.3 25.4 38.2
86 73.1 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.708 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

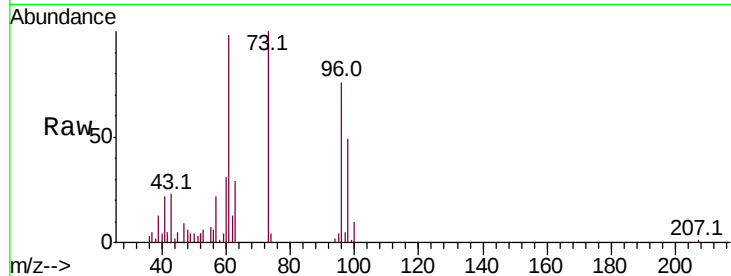
Tot Ion: 96 Resp: 59881

Ion Ratio Lower Upper

96 100

61 127.3 93.0 139.6

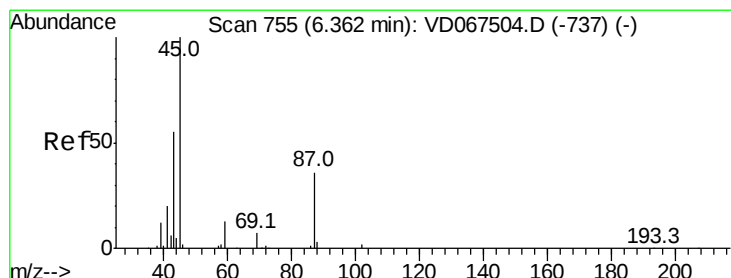
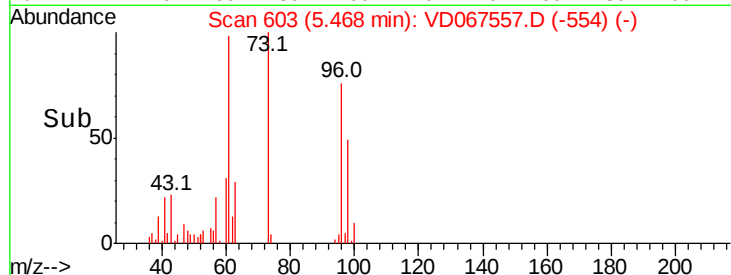
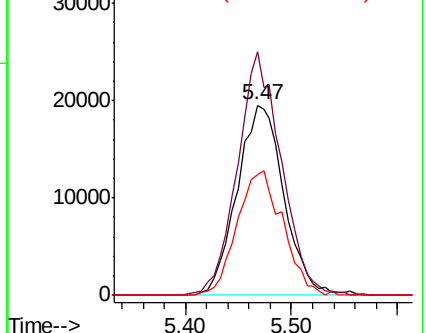
98 63.4 50.9 76.3



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



#22

Diisopropyl ether

Concen: 20.875 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Tgt Ion: 45 Resp: 108089

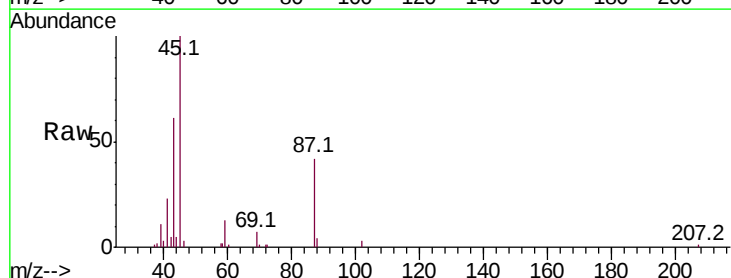
Ion Ratio Lower Upper

45 100

43 59.9 46.2 69.4

87 41.2 29.4 44.2

59 12.7 10.8 16.2

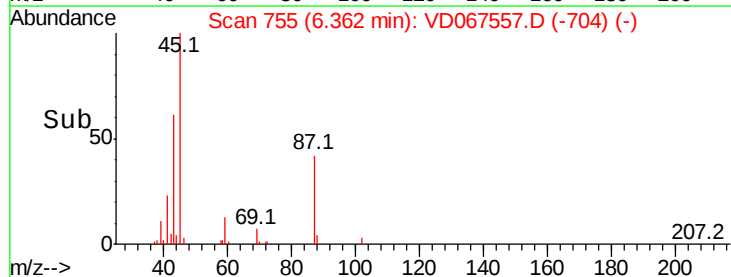
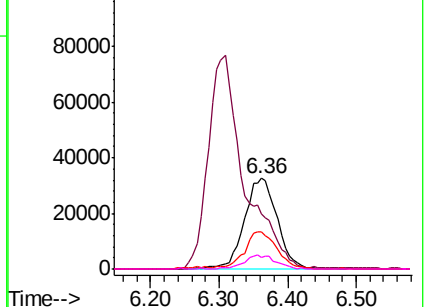


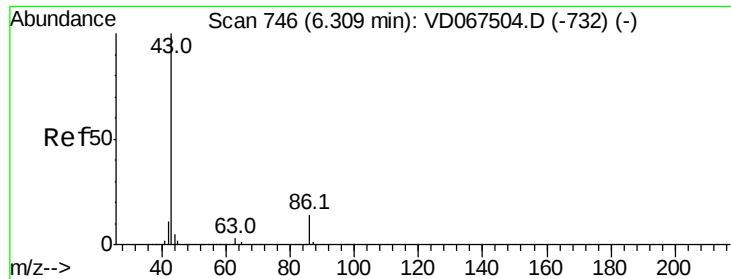
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 103.214 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

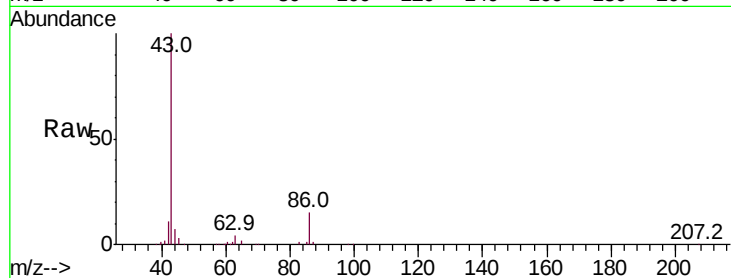
ClientSampled :

Tot Ion: 43 Resp: 279748

Ion Ratio Lower Upper

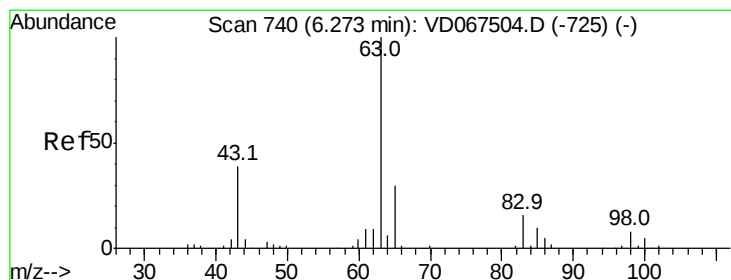
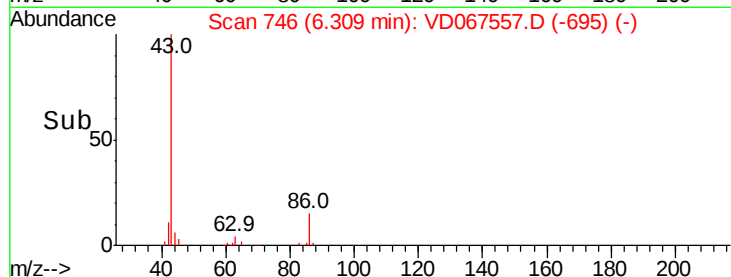
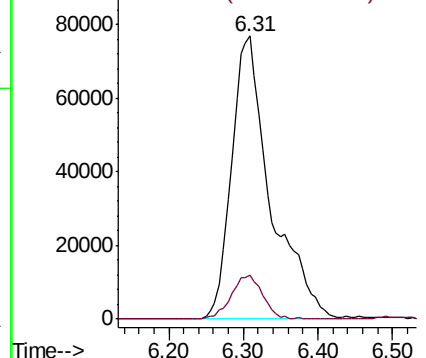
43 100

86 15.4 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.647 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

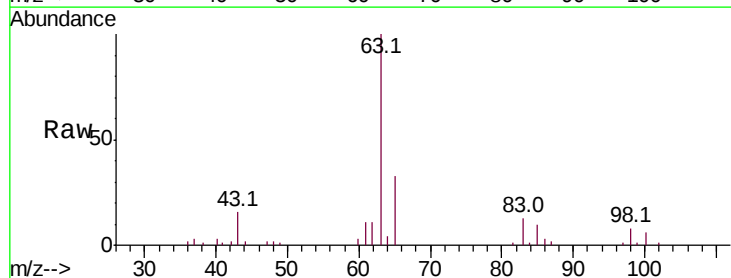
Tgt Ion: 63 Resp: 87462

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

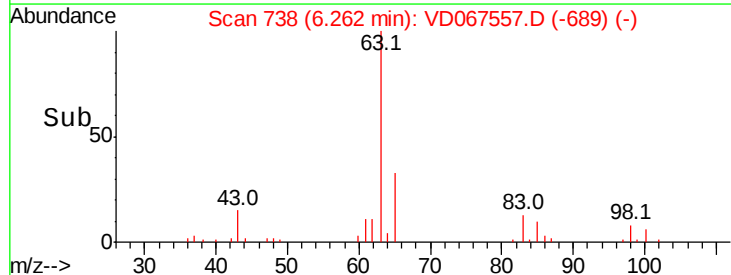
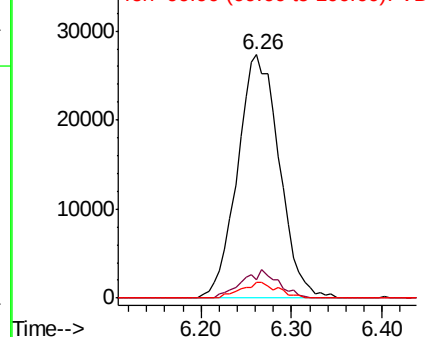
100 6.3 2.6 7.8

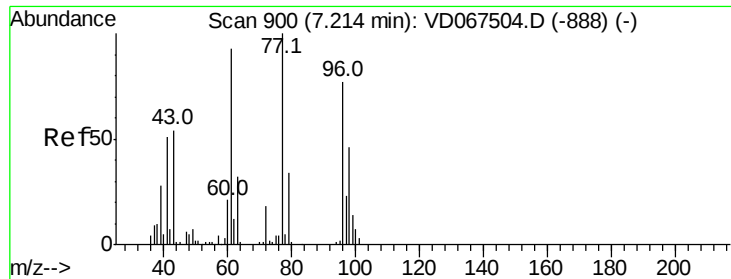


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 103.038 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

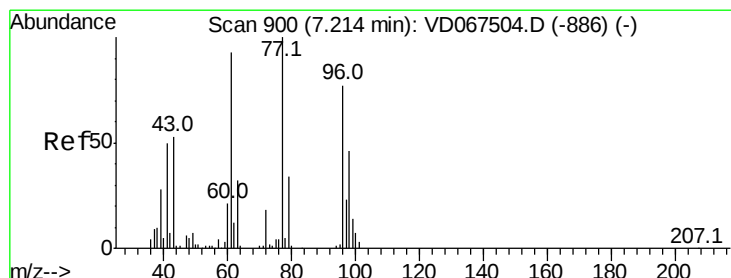
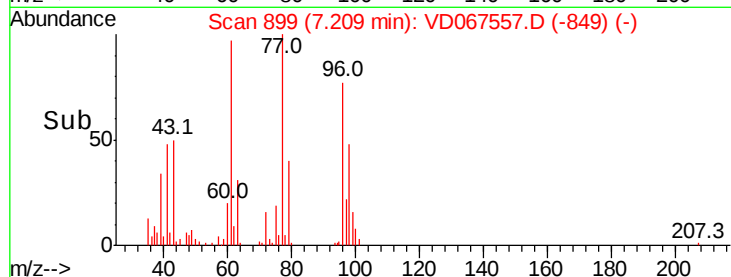
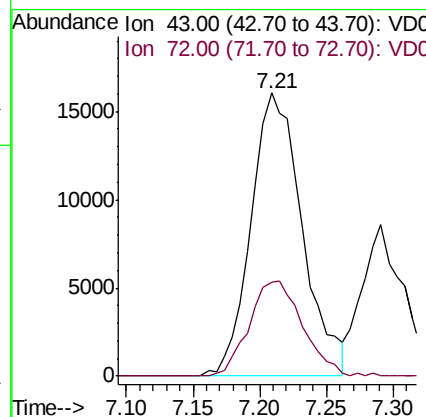
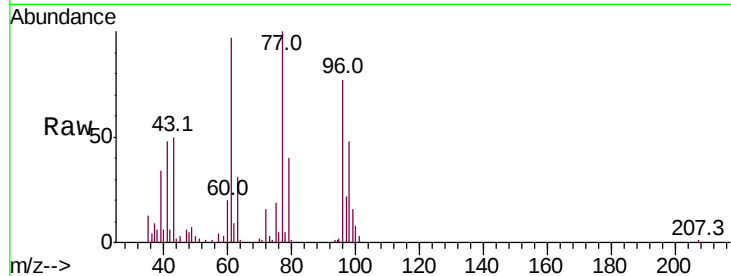
ClientSampled :

Tot Ion: 43 Resp: 42851

Ion Ratio Lower Upper

43 100

72 33.1 26.4 39.6



#26

2,2-Dichloropropane

Concen: 21.763 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067557.D

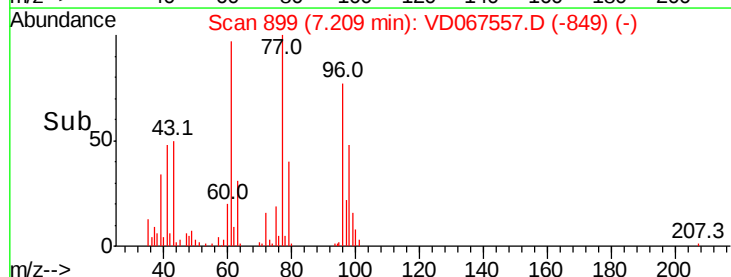
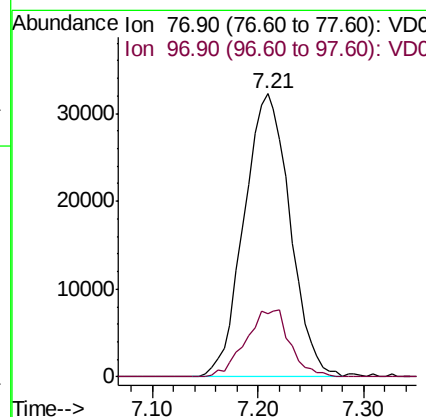
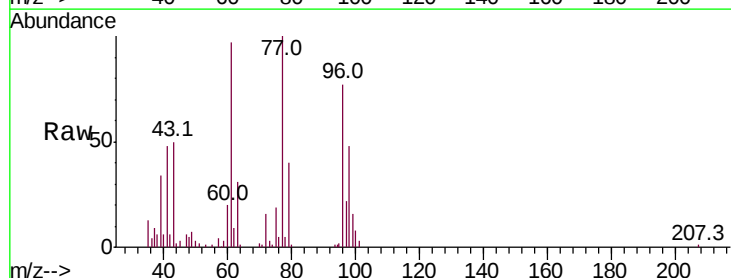
Acq: 09 Nov 2020 11:18

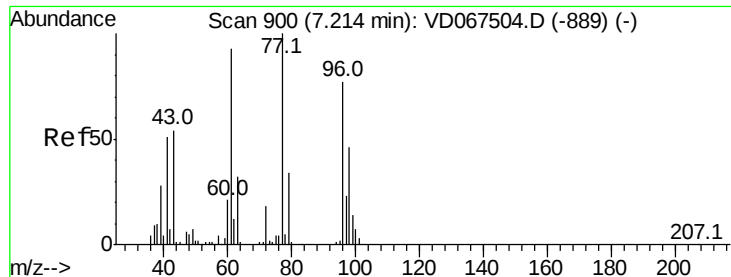
Tgt Ion: 77 Resp: 97294

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.3

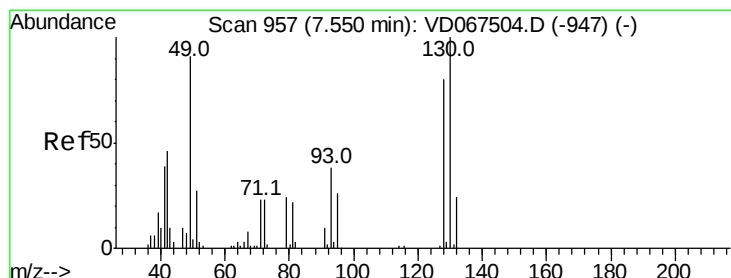
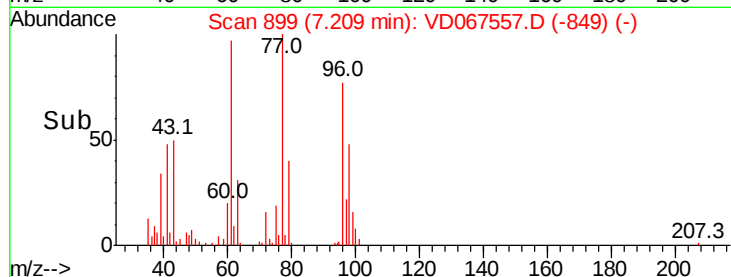
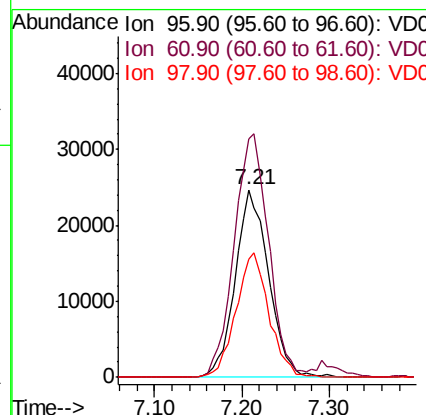
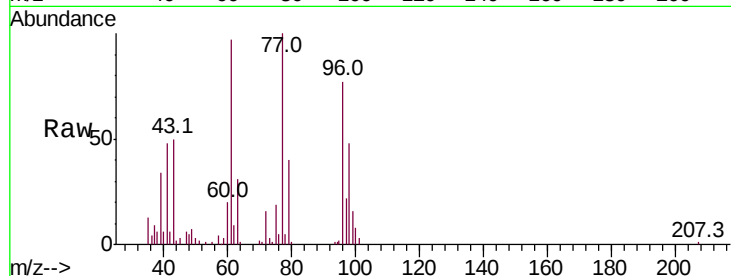




#27
 cis-1,2-Dichloroethene
 Concen: 21.273 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

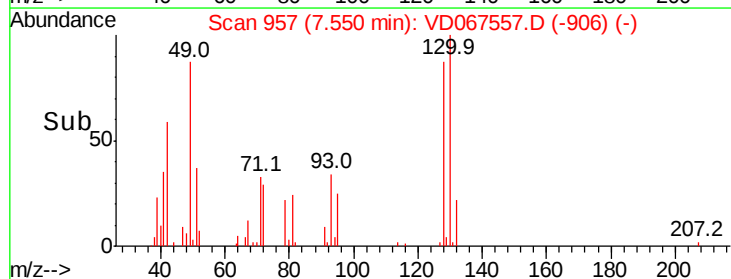
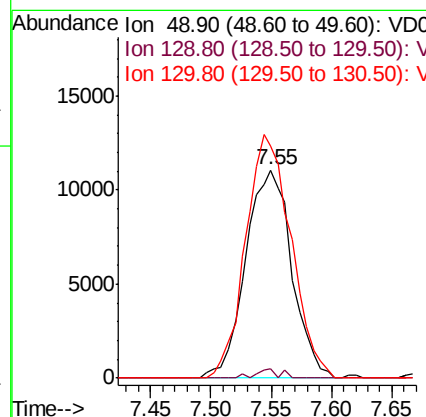
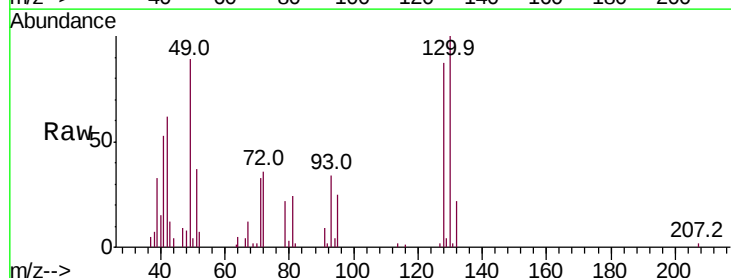
Instrument :
 MSVOA_D
 ClientSampleId :

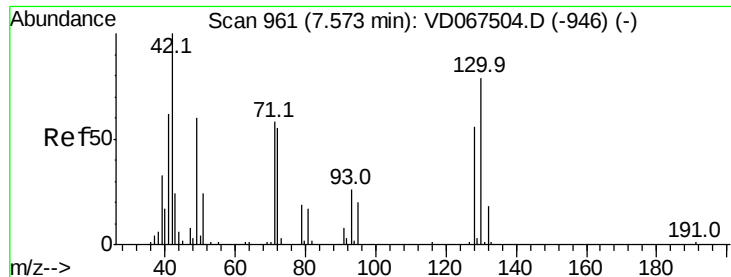
Tot Ion: 96 Resp: 63848
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 251.6
 98 65.6 0.0 128.0



#28
 Bromochloromethane
 Concen: 19.462 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Tgt Ion: 49 Resp: 29325
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 6.4
 130 114.9 94.6 142.0

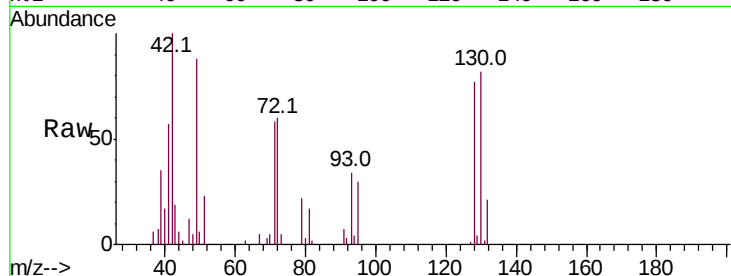




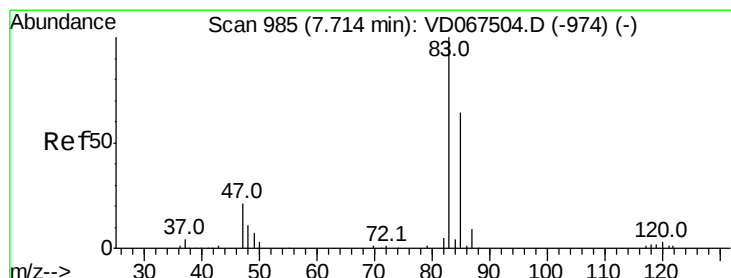
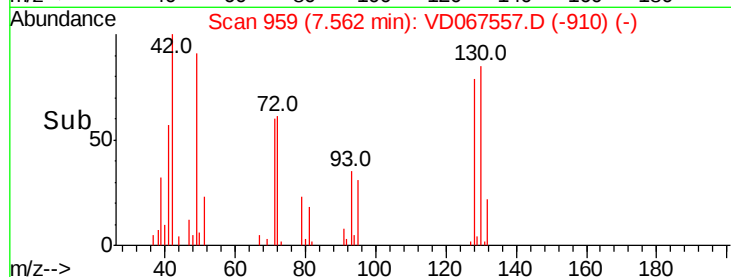
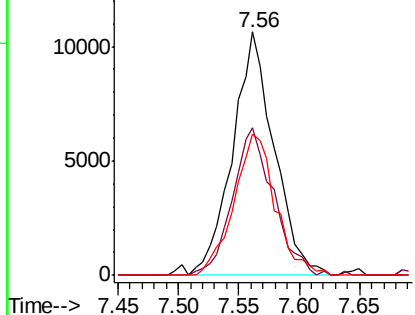
#29
Tetrahydrofuran
Concen: 102.497 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 25533
Ion Ratio Lower Upper
42 100
72 59.6 46.3 69.5
71 58.1 44.0 66.0

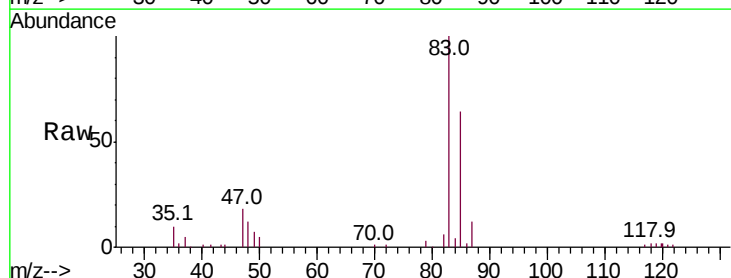


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

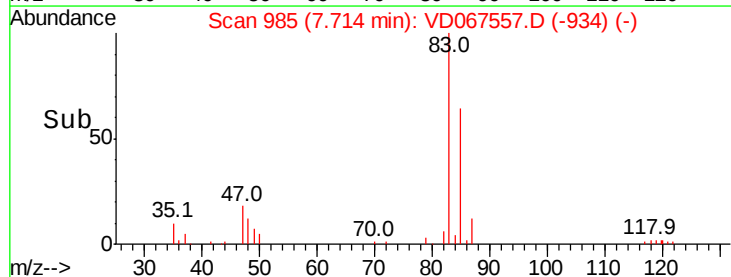
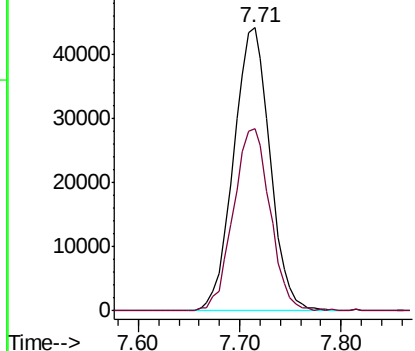


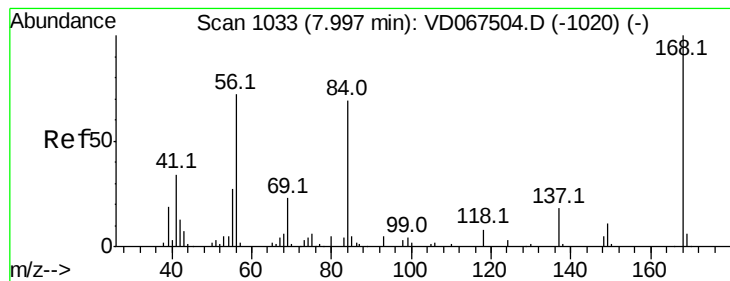
#30
Chloroform
Concen: 21.724 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Tgt Ion: 83 Resp: 109782
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3



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





#31

Cyclohexane

Concen: 20.228 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.01 min

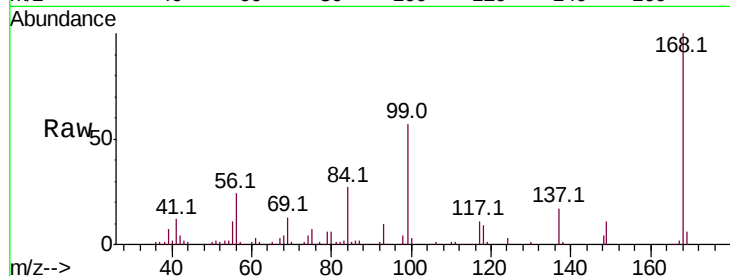
Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

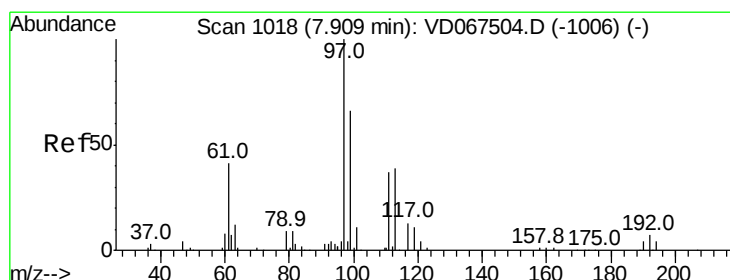
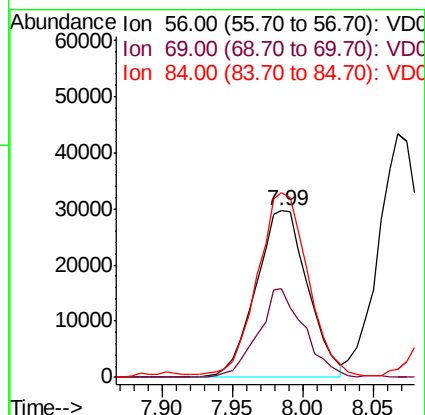
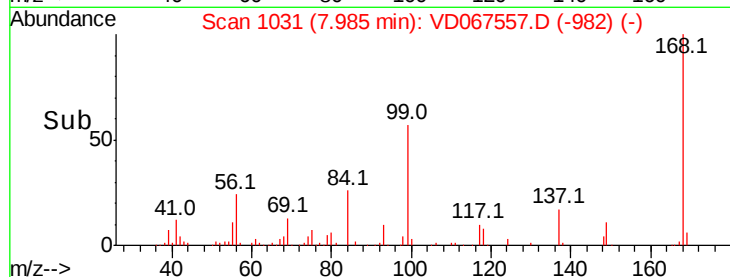
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 76304

Ion	Ratio	Lower	Upper
56	100		
69	53.3	25.9	38.9#
84	109.1	76.2	114.4



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: 21.842 ug/l

RT: 7.90 min Scan# 1017

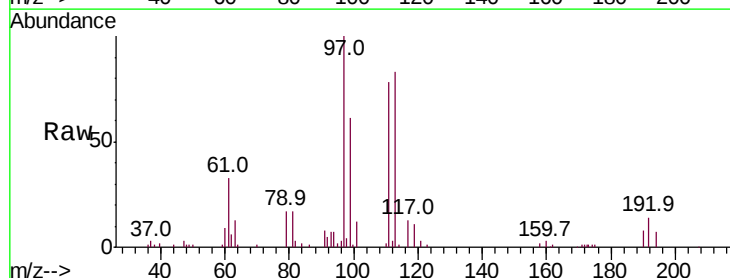
Delta R.T. -0.01 min

Lab File: VD067557.D

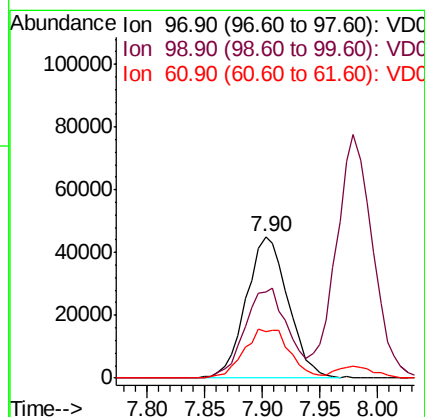
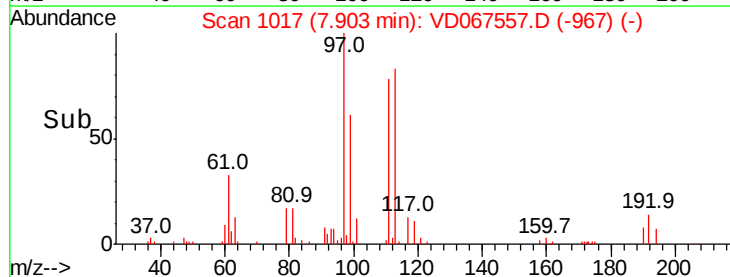
Acq: 09 Nov 2020 11:18

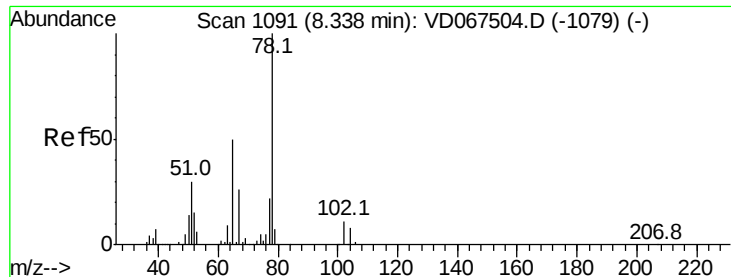
Tgt Ion: 97 Resp: 113888

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.6
61	37.3	30.5	45.7



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: 47.748 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

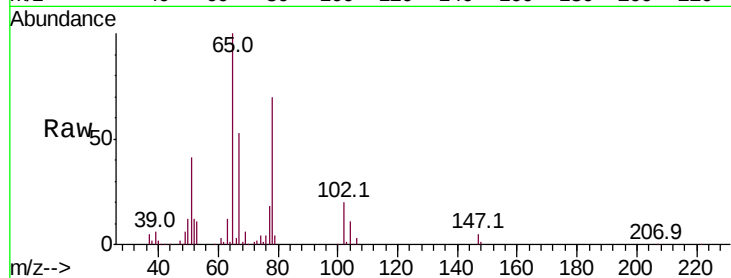
ClientSampleId :

Tot Ion: 65 Resp: 124185

Ion Ratio Lower Upper

65 100

67 50.7 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

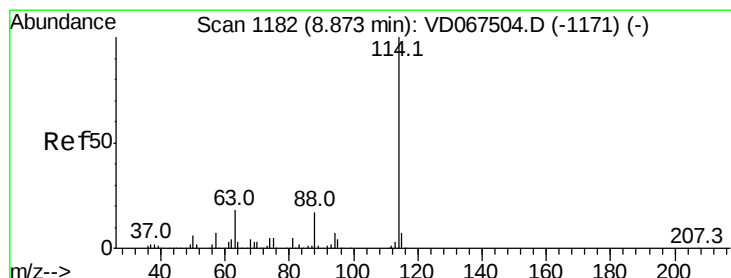
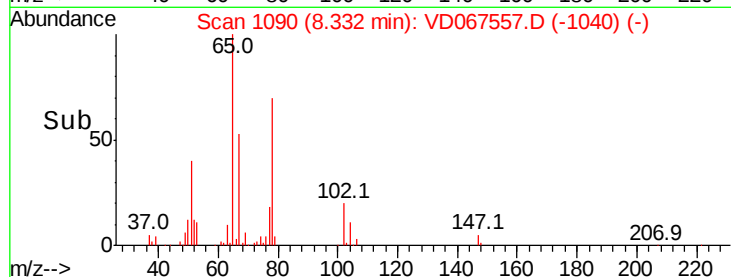
30000

20000

10000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

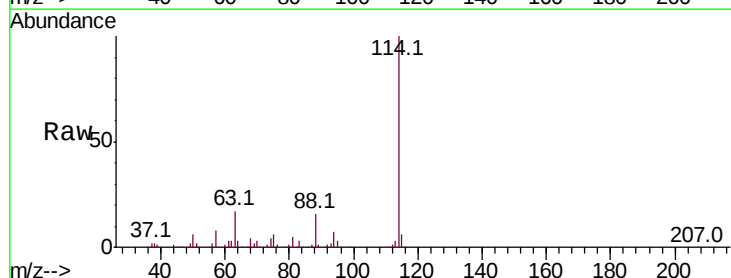
Tgt Ion: 114 Resp: 429336

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 16.1 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

250000

200000

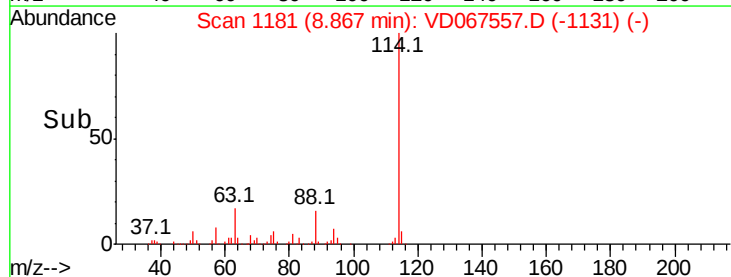
150000

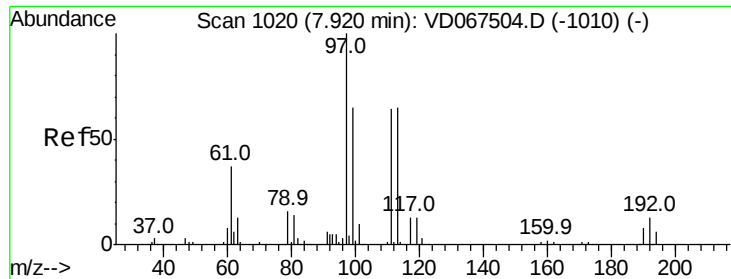
100000

50000

0

Time--> 8.80 8.90 9.00

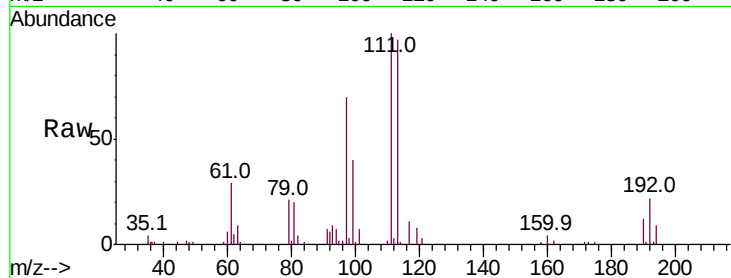




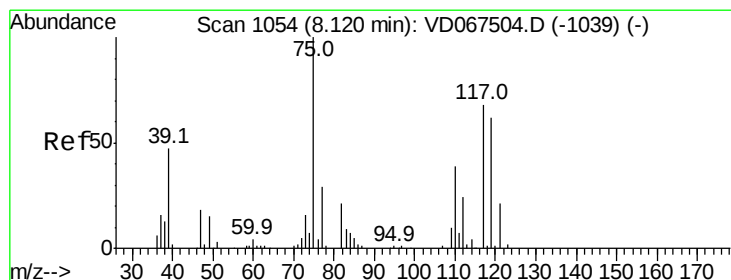
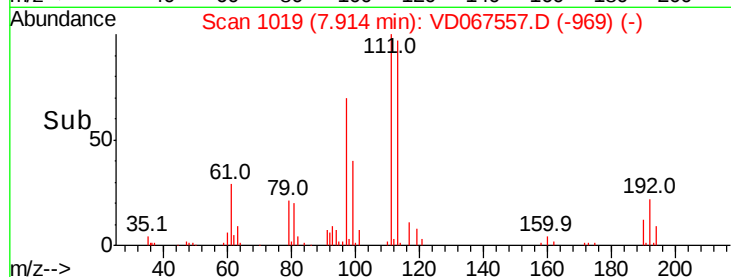
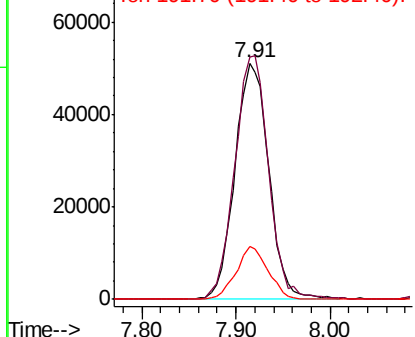
#35
 Dibromofluoromethane
 Concen: 49.405 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.0	120.0
192	21.1	16.3	24.5

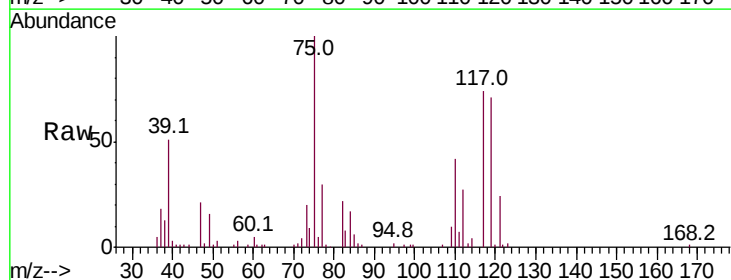


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

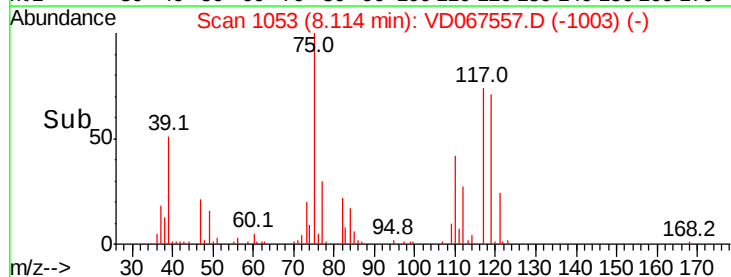
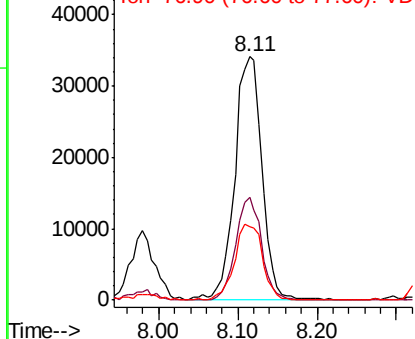


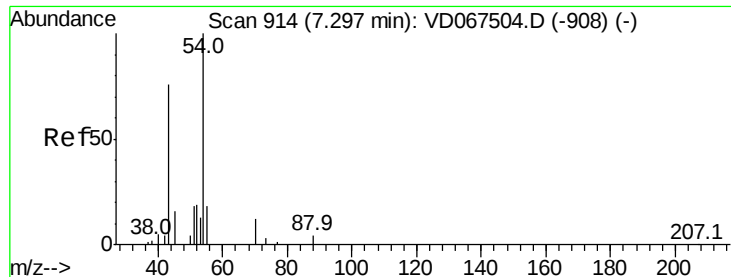
#36
 1,1-Dichloropropene
 Concen: 22.087 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	19.9	59.7
77	32.0	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

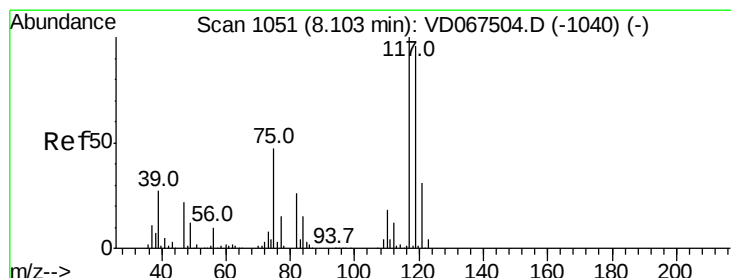
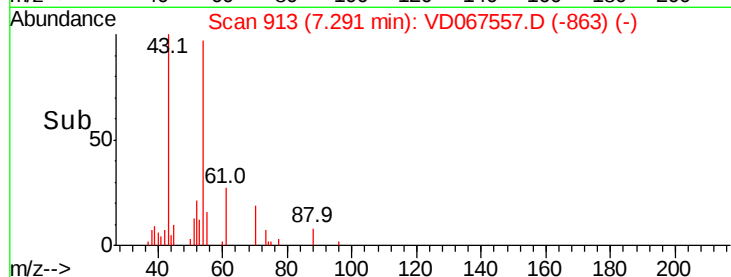
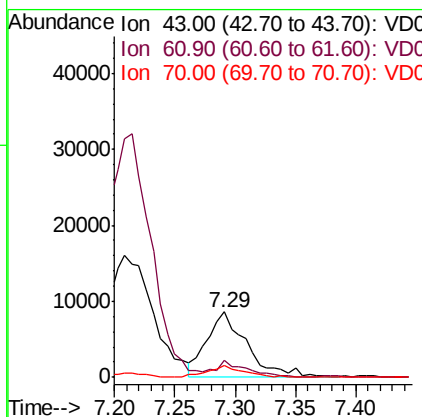
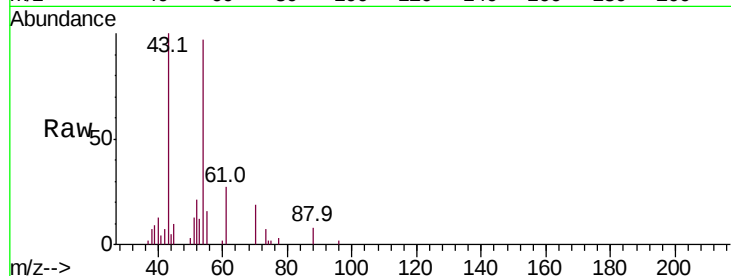




#37
Ethyl Acetate
Concen: 20.904 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

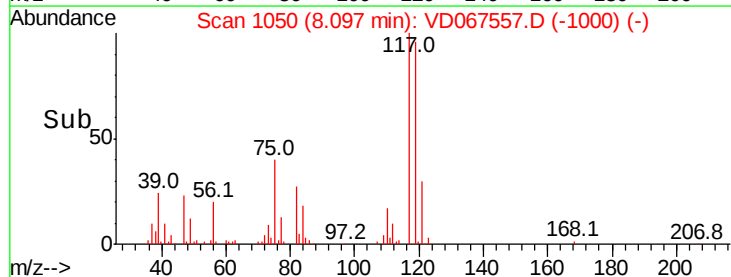
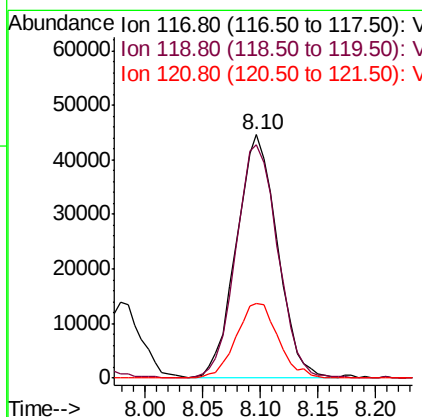
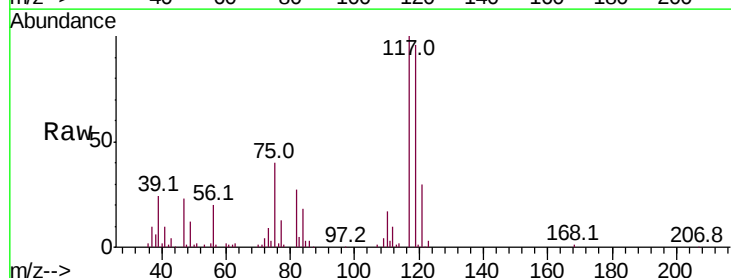
Instrument :
MSVOA_D
ClientSampled :

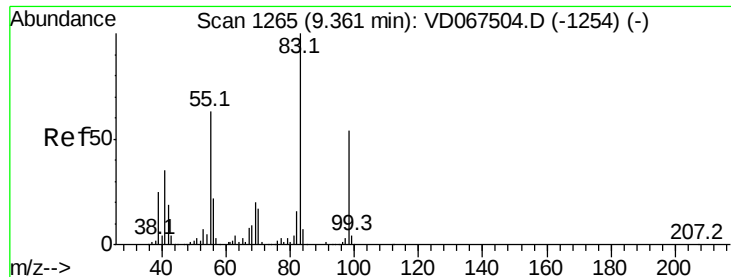
Tot Ion: 43 Resp: 19945
Ion Ratio Lower Upper
43 100
61 19.8 12.8 19.2#
70 16.1 11.7 17.5



#38
Carbon Tetrachloride
Concen: 23.109 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Tgt Ion: 117 Resp: 110345
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 30.5 24.5 36.7

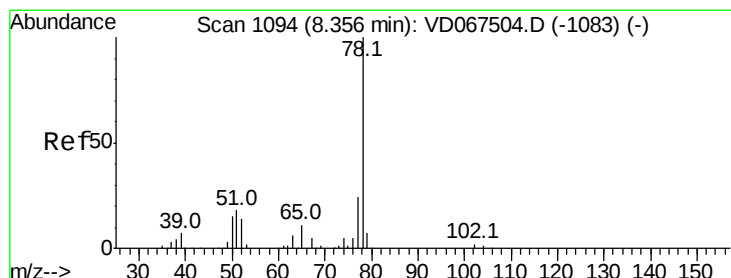
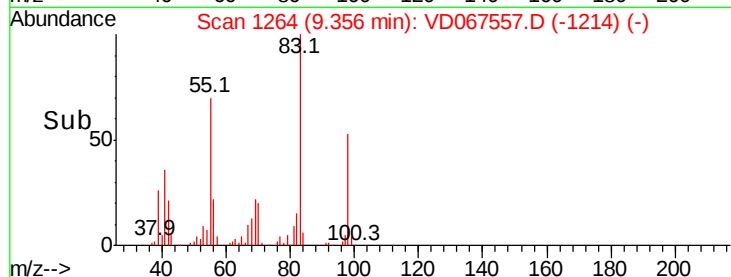
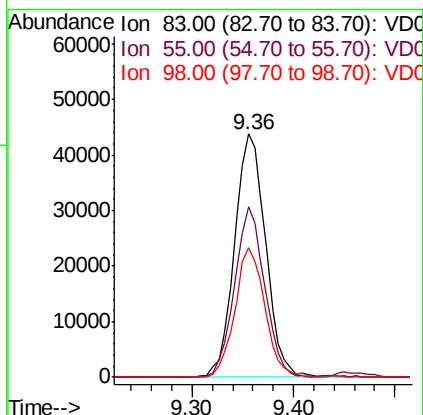
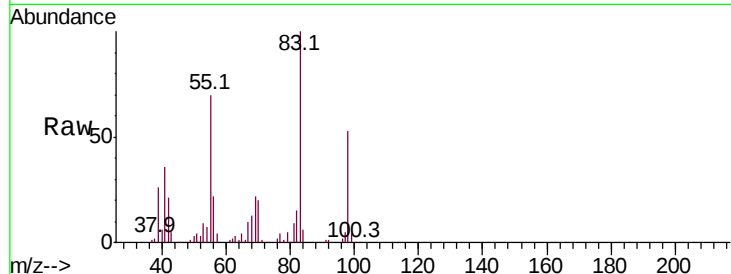




#39
Methvlcvclohexane
Concen: 21.542 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

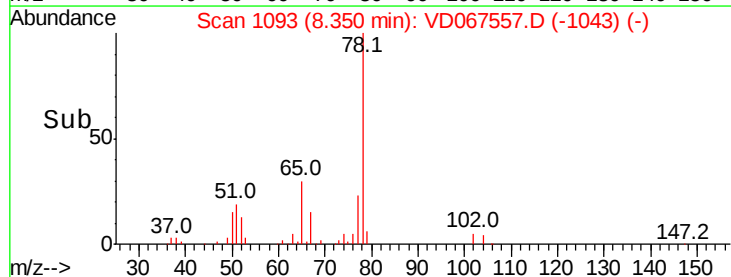
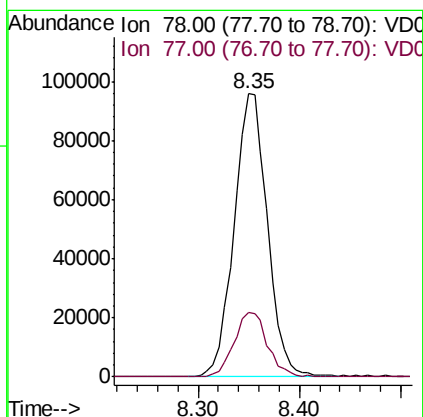
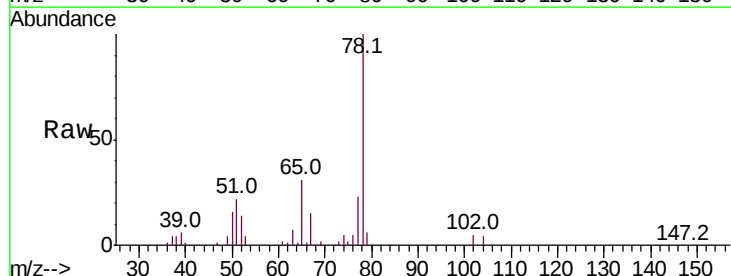
Instrument :
MSVOA_D
ClientSampled :

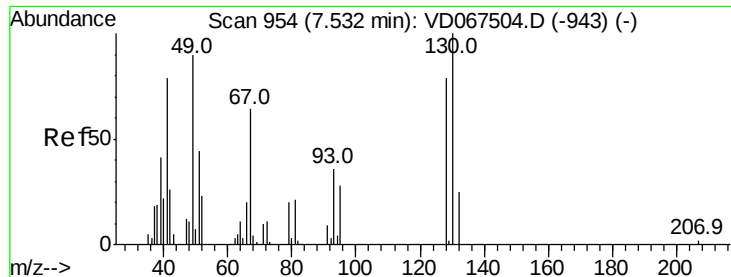
Tot Ion: 83 Resp: 93180
Ion Ratio Lower Upper
83 100
55 69.9 50.5 75.7
98 53.4 43.4 65.0



#40
Benzene
Concen: 21.892 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Tgt Ion: 78 Resp: 217930
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7





#41

Methacrylonitrile

Concen: 22.172 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 41 Resp: 12645

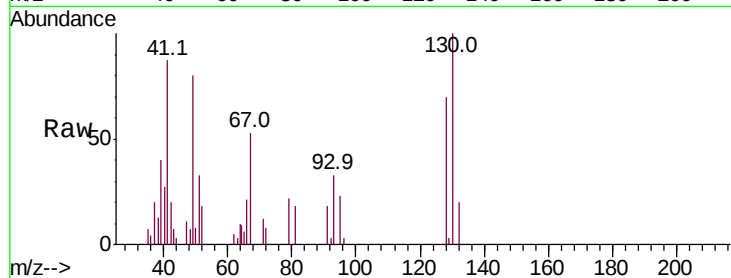
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 84.3 78.9 118.3

52 37.0 31.4 47.2

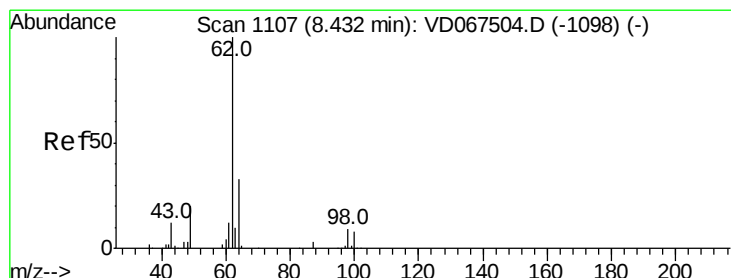
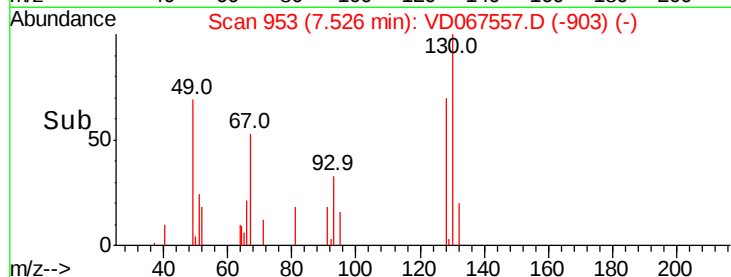
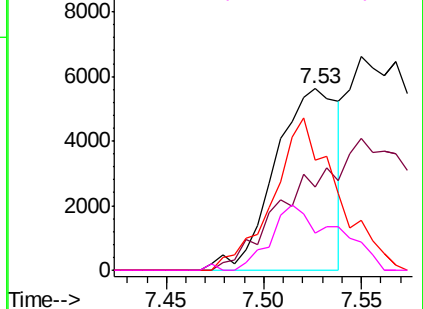


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 22.344 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067557.D

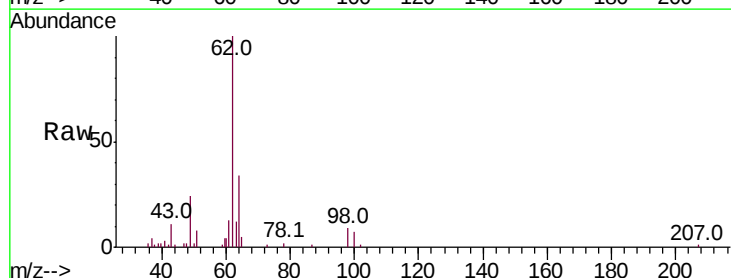
Acq: 09 Nov 2020 11:18

Tgt Ion: 62 Resp: 68723

Ion Ratio Lower Upper

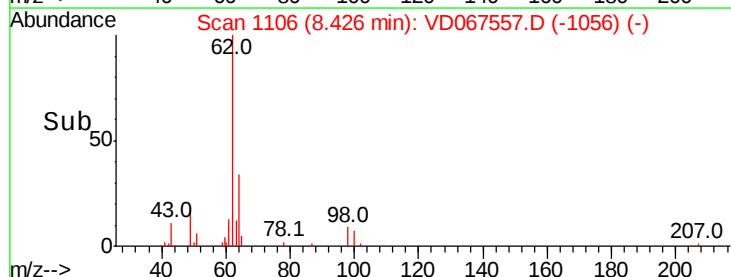
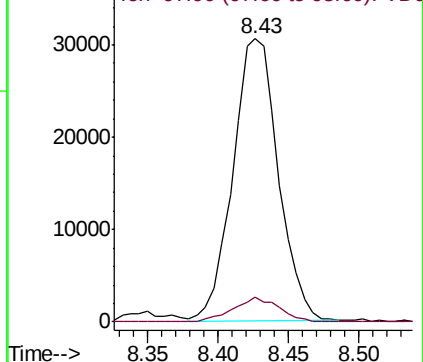
62 100

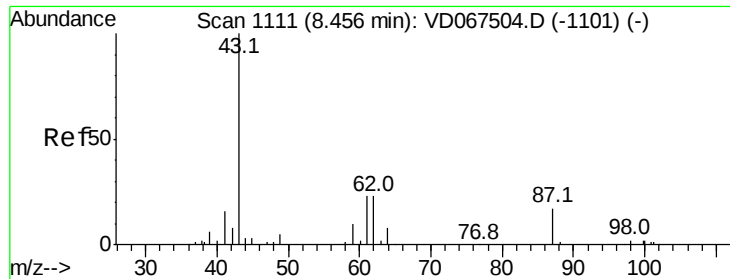
98 8.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 21.800 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

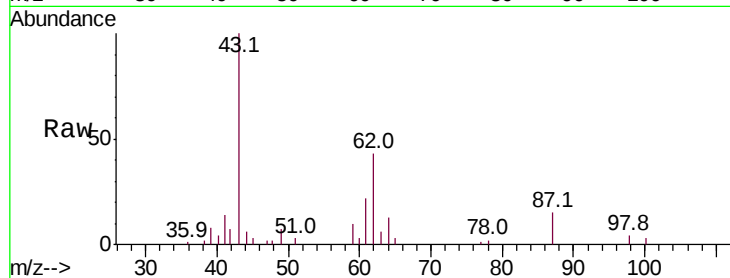
Tot Ion: 43 Resp: 41135

Ion Ratio Lower Upper

43 100

61 38.4 30.5 45.7

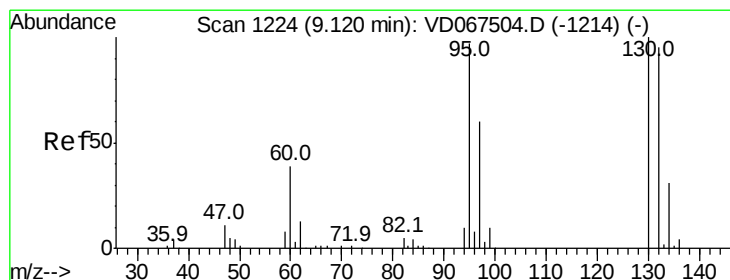
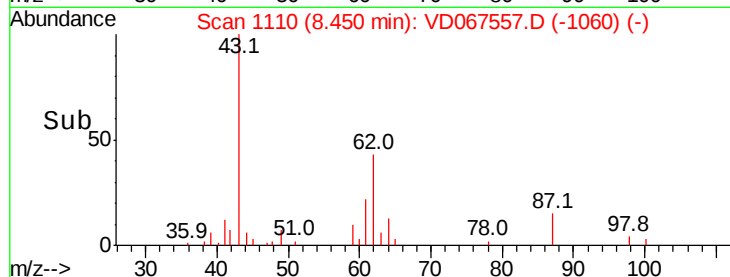
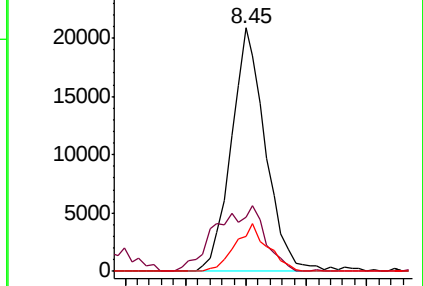
87 18.2 14.7 22.1



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: 21.965 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067557.D

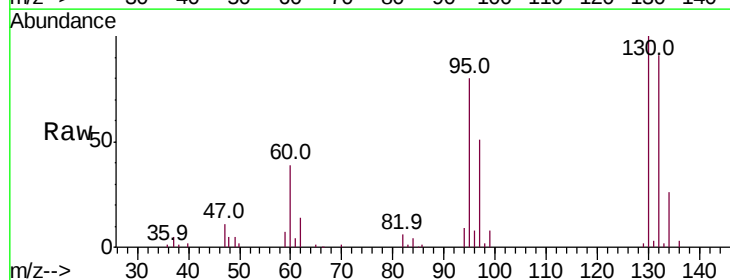
Acq: 09 Nov 2020 11:18

Tgt Ion:130 Resp: 71896

Ion Ratio Lower Upper

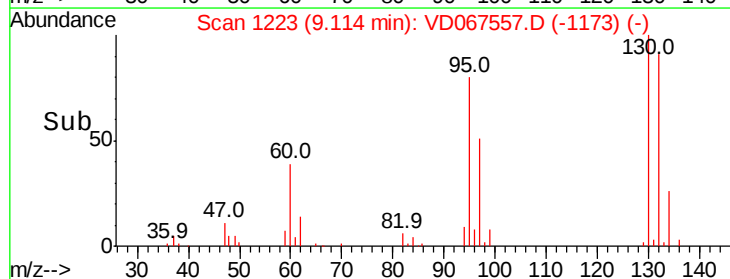
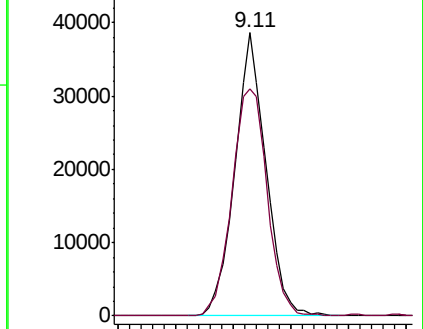
130 100

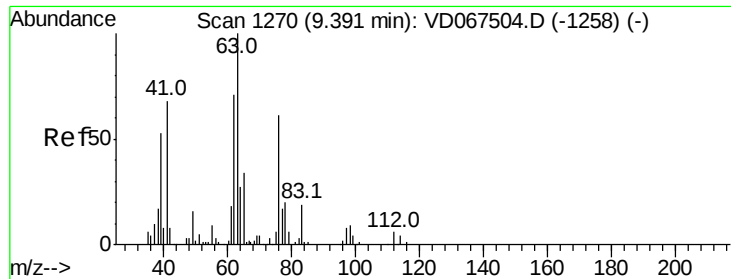
95 80.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

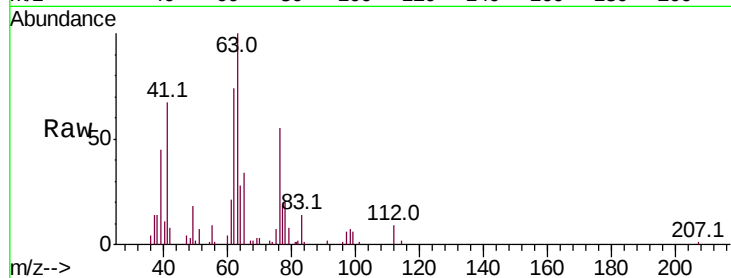




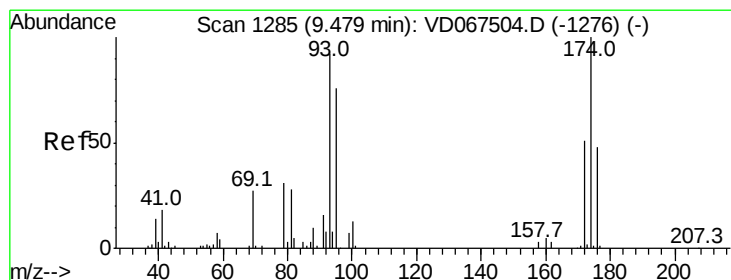
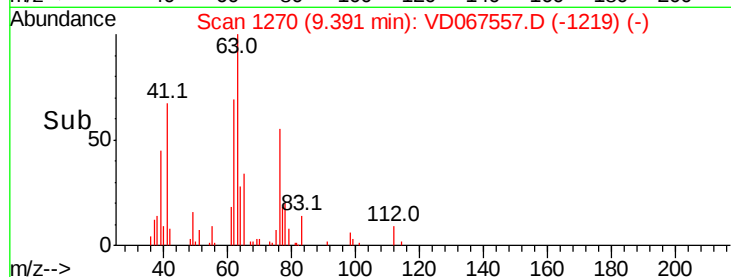
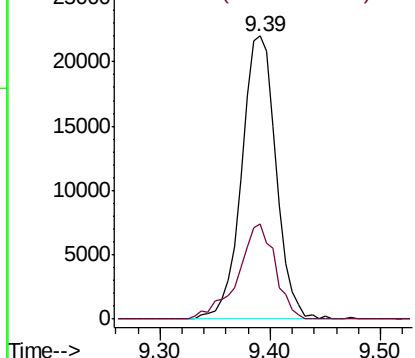
#45
 1,2-Dichloropropane
 Concen: 22.362 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 63 Resp: 48129
 Ion Ratio Lower Upper
 63 100
 65 33.6 26.9 40.3

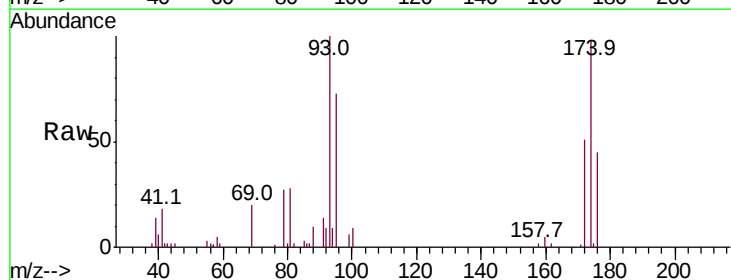


Abundance Ion 62.90 (62.60 to 63.60): VDC
 Ion 64.90 (64.60 to 65.60): VDC

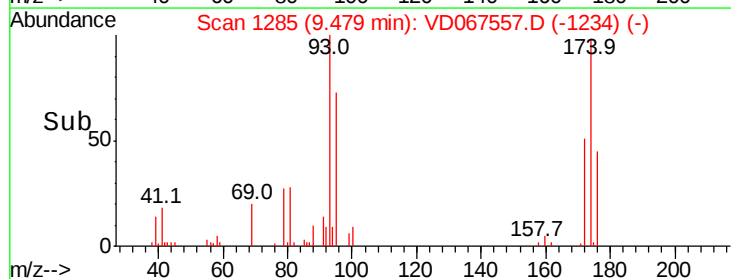
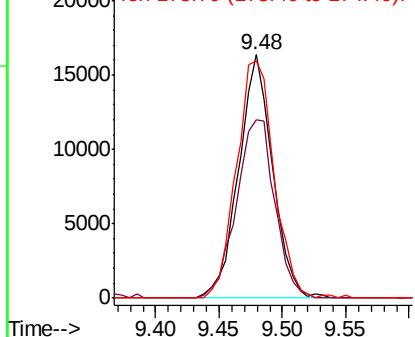


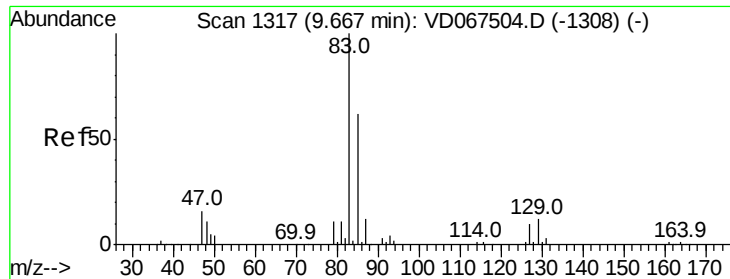
#46
 Dibromomethane
 Concen: 22.212 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Tgt Ion: 93 Resp: 30397
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.4 99.6
 174 107.7 88.2 132.4



Abundance Ion 92.80 (92.50 to 93.50): VDC
 Ion 94.80 (94.50 to 95.50): VDC
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.792 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

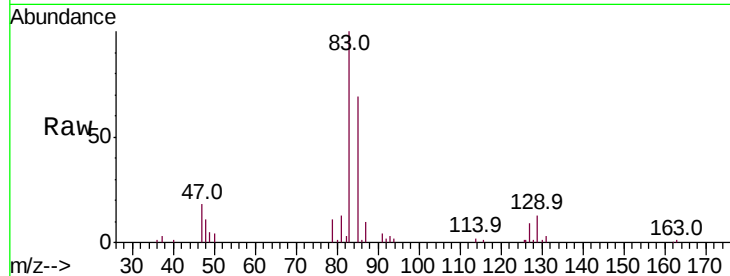
Tot Ion: 83 Resp: 84776

Ion Ratio Lower Upper

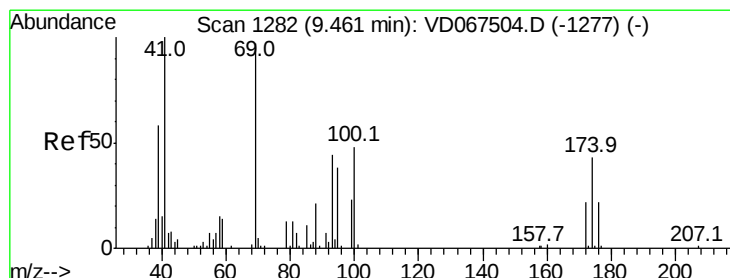
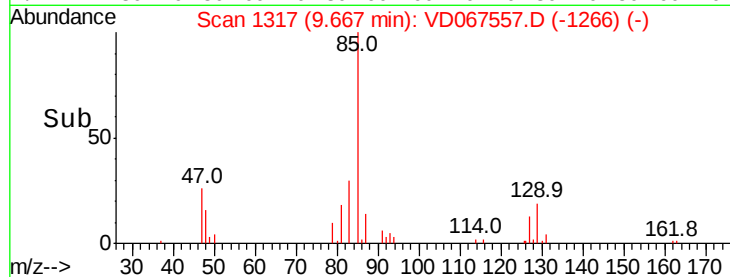
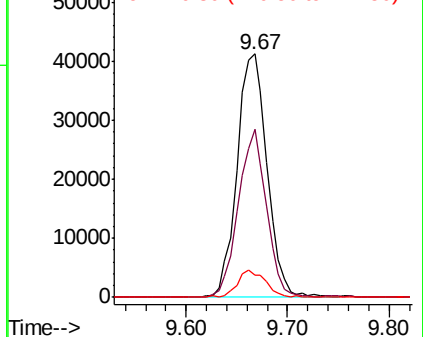
83 100

85 69.0 49.4 74.2

127 9.0 7.7 11.5



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: 21.990 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

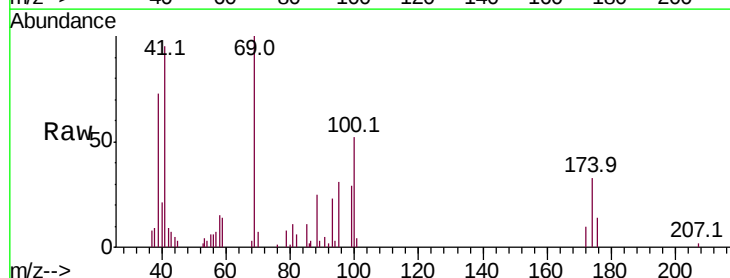
Tgt Ion: 41 Resp: 21424

Ion Ratio Lower Upper

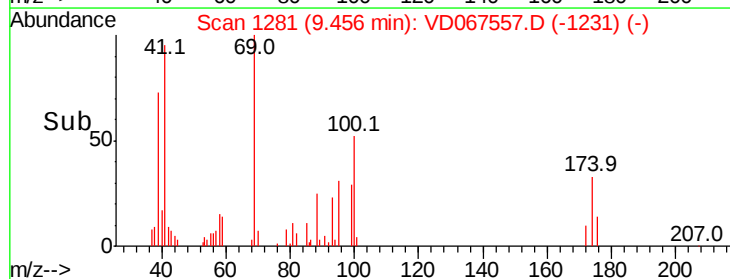
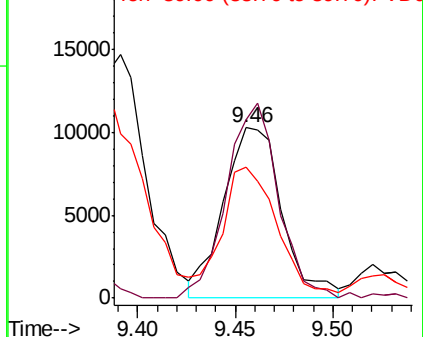
41 100

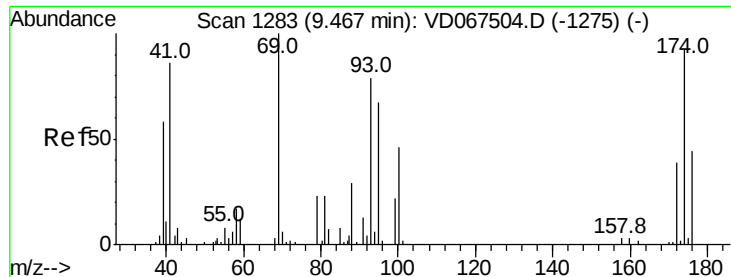
69 101.2 80.6 121.0

39 66.9 50.2 75.4



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: 456.432 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

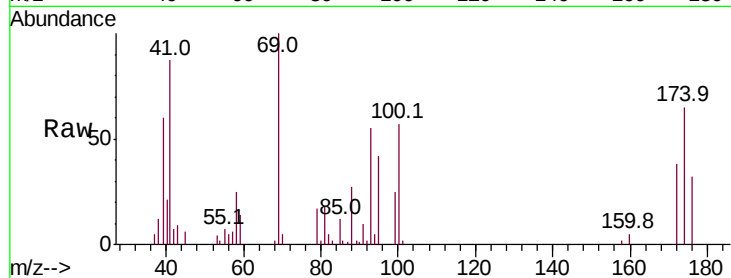
Tot Ion: 88 Resp: 6341

Ion Ratio Lower Upper

88 100

43 30.2 23.6 35.4

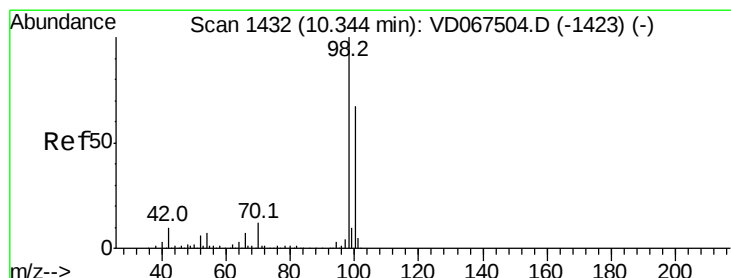
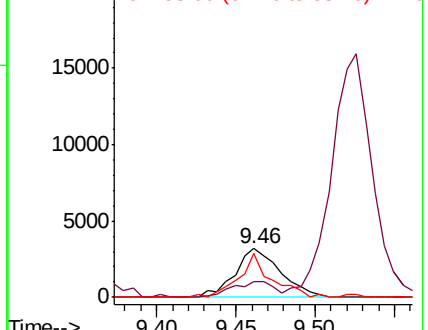
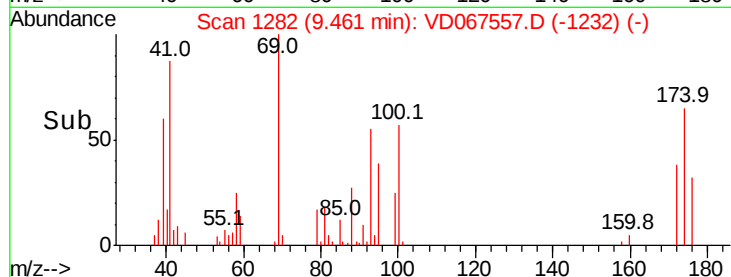
58 64.5 44.7 67.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 49.083 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067557.D

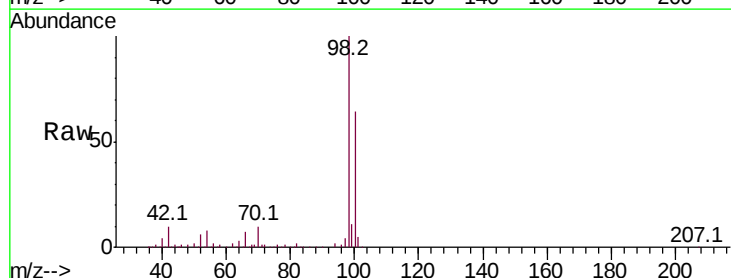
Acq: 09 Nov 2020 11:18

Tgt Ion: 98 Resp: 446187

Ion Ratio Lower Upper

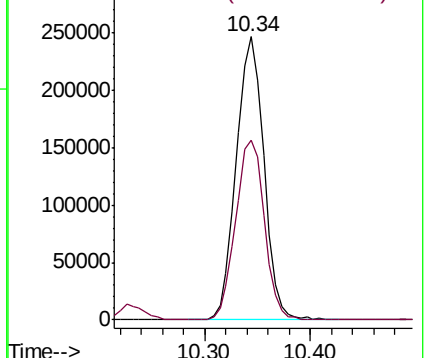
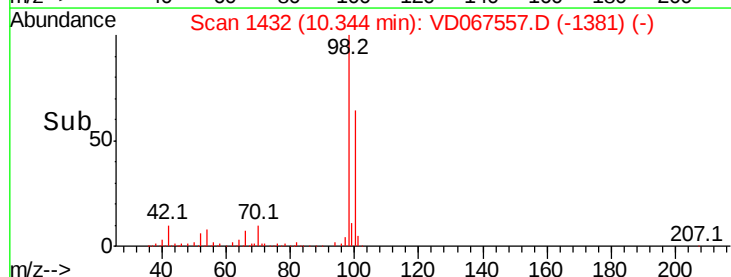
98 100

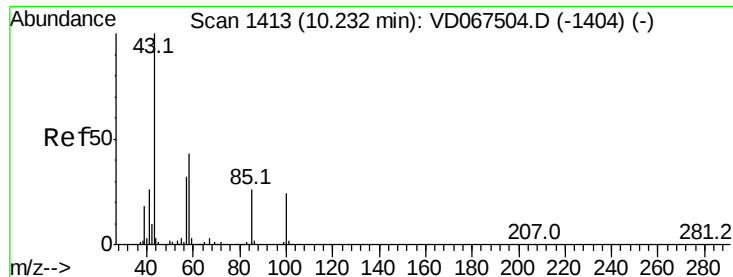
100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 108.805 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

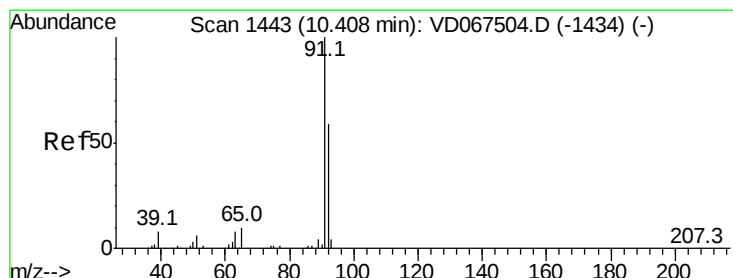
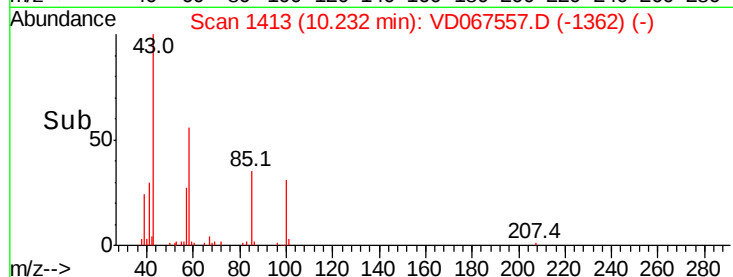
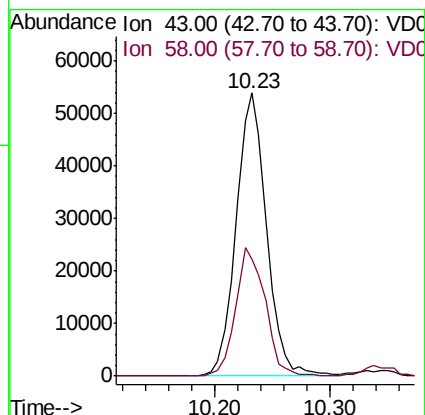
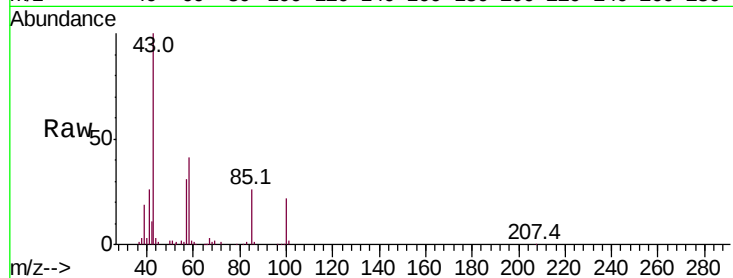
ClientSampleId :

Tot Ion: 43 Resp: 98189

Ion Ratio Lower Upper

43 100

58 43.8 35.6 53.4



#52

Toluene

Concen: 22.765 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067557.D

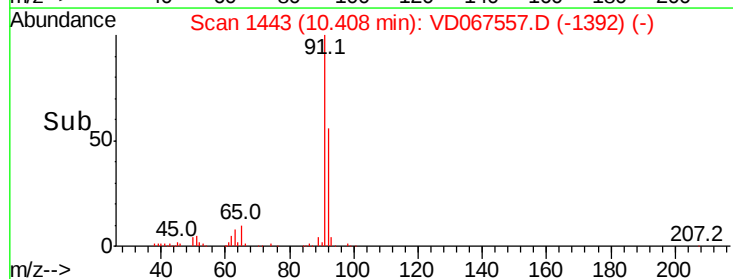
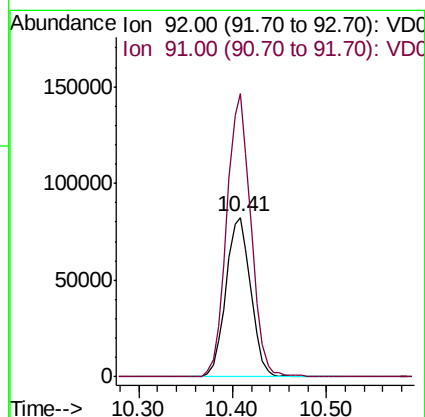
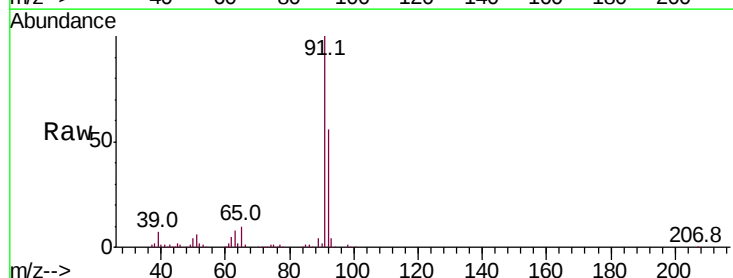
Acq: 09 Nov 2020 11:18

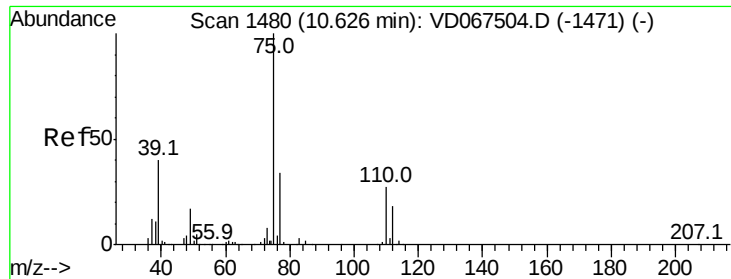
Tgt Ion: 92 Resp: 151793

Ion Ratio Lower Upper

92 100

91 171.9 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 22.587 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

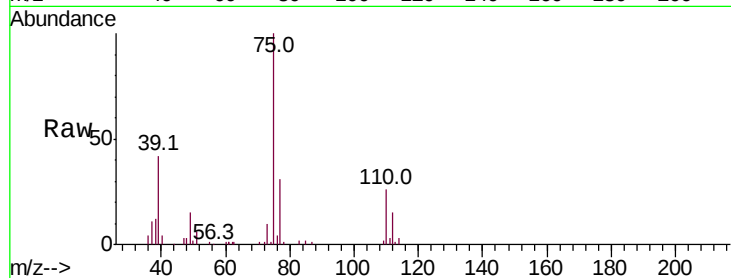
ClientSampleId :

Tot Ion: 75 Resp: 71954

Ion Ratio Lower Upper

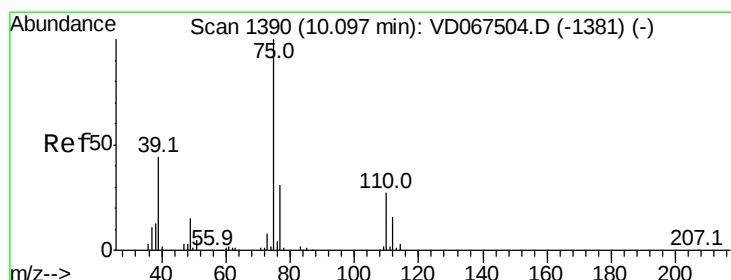
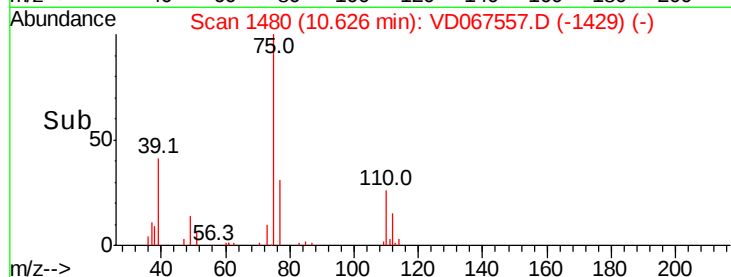
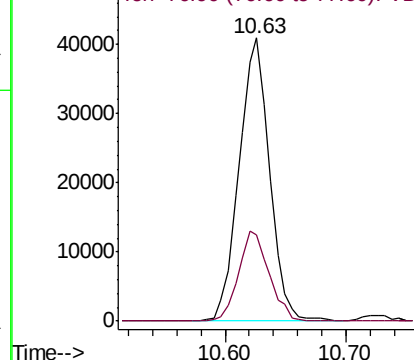
75 100

77 30.5 27.0 40.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 22.026 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

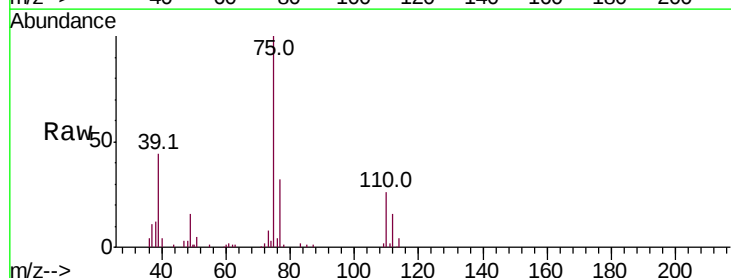
Tgt Ion: 75 Resp: 83366

Ion Ratio Lower Upper

75 100

77 32.5 24.4 36.6

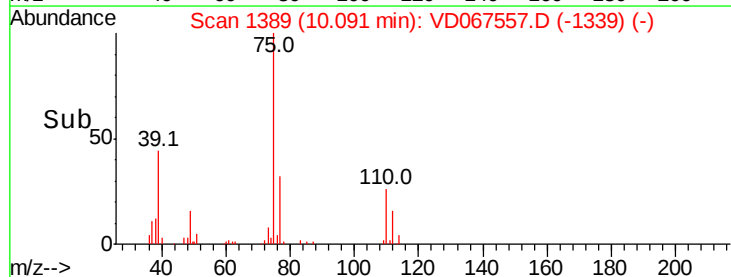
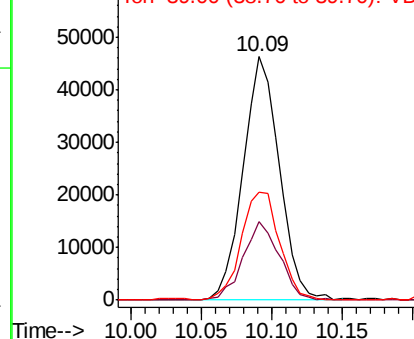
39 44.0 35.6 53.4

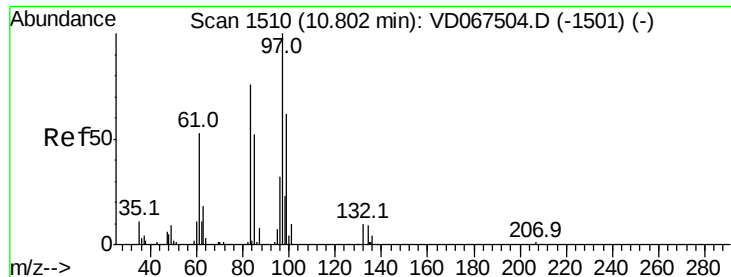


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

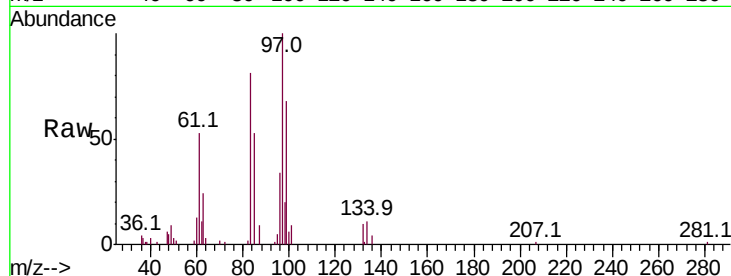




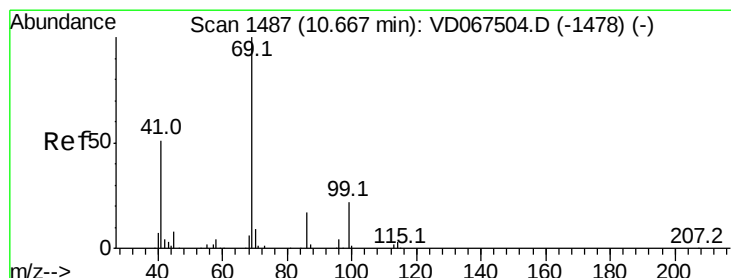
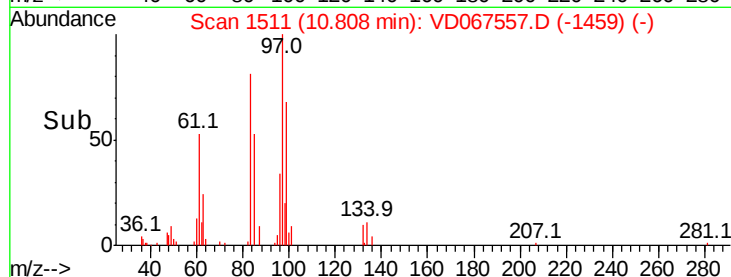
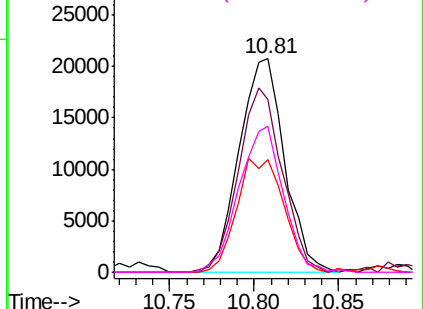
#55
 1,1,2-Trichloroethane
 Concen: 21.494 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:	97	Resp:	38918
Ion	Ratio	Lower	Upper
97	100		
83	81.1	61.0	91.6
85	52.8	41.5	62.3
99	68.1	49.4	74.2

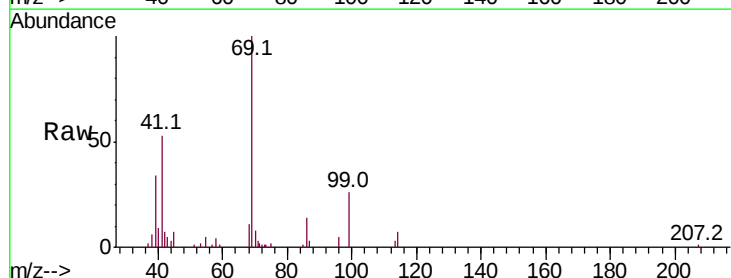


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

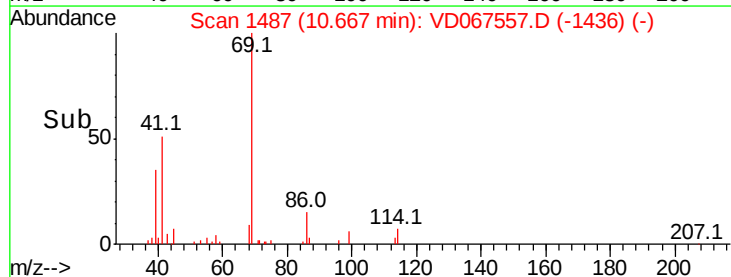
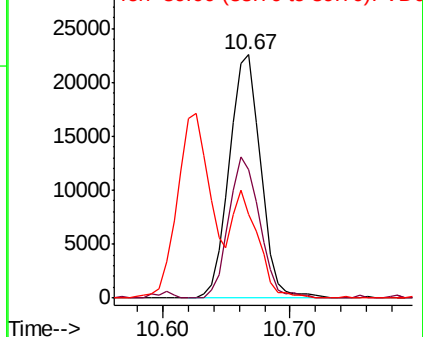


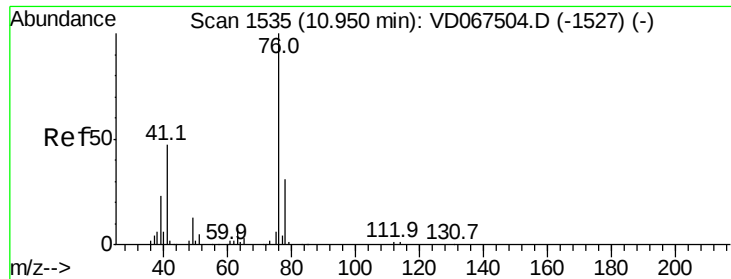
#56
 Ethyl methacrylate
 Concen: 20.648 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Tgt Ion:	69	Resp:	38608
Ion	Ratio	Lower	Upper
69	100		
41	57.2	45.4	68.0
39	35.6	27.4	41.0



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





#57

1,3-Dichloropropane

Concen: 22.680 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

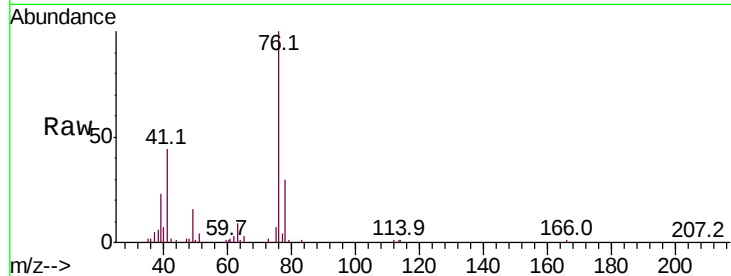
ClientSampleId :

Tot Ion: 76 Resp: 66082

Ion Ratio Lower Upper

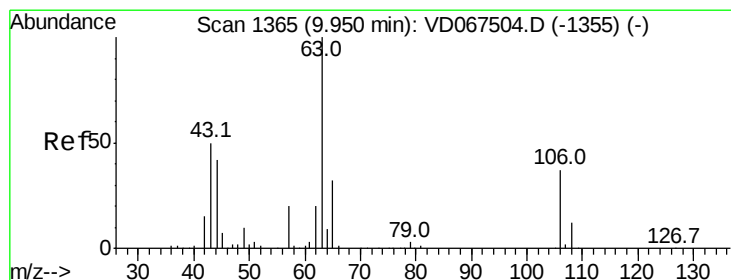
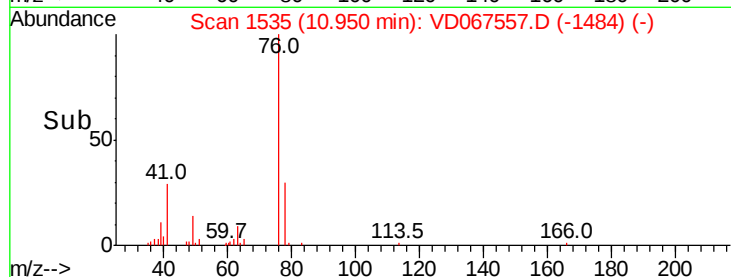
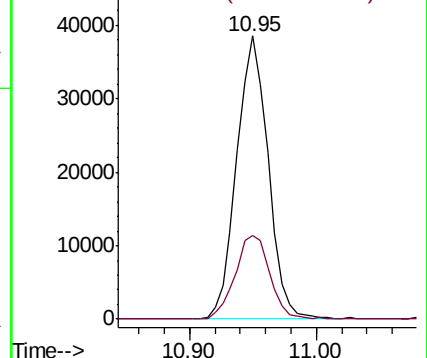
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 106.638 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067557.D

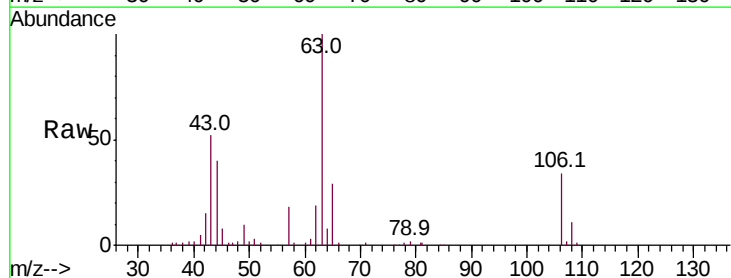
Acq: 09 Nov 2020 11:18

Tgt Ion: 63 Resp: 92984

Ion Ratio Lower Upper

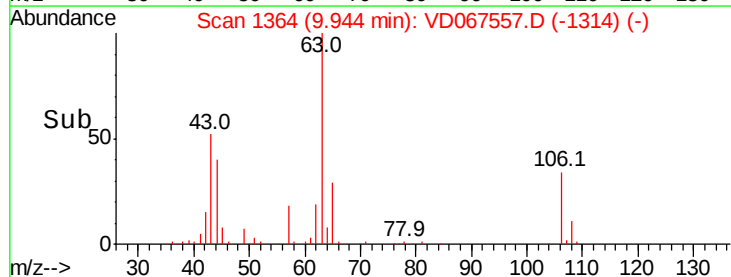
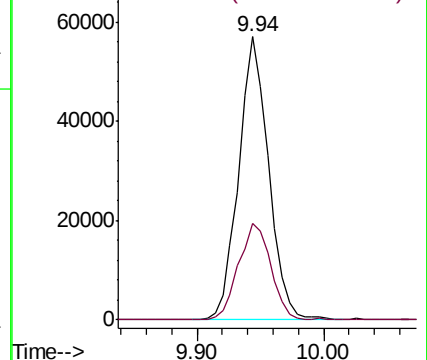
63 100

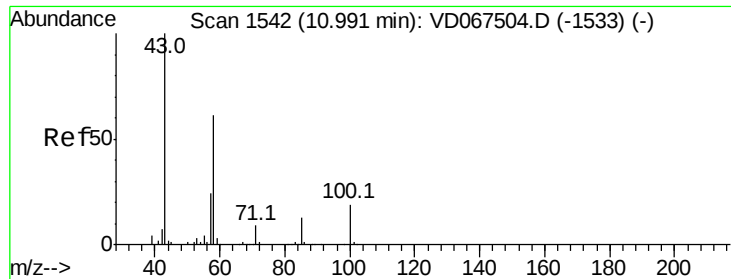
106 36.7 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

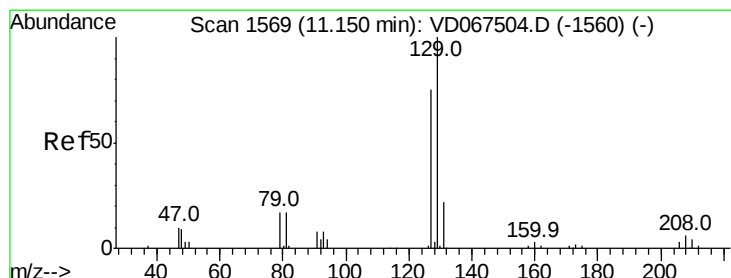
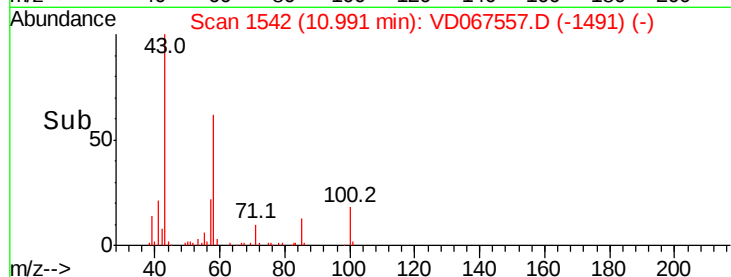
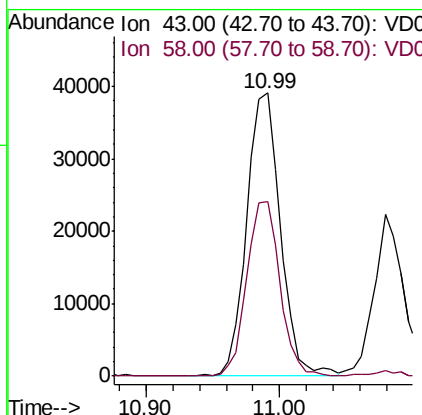
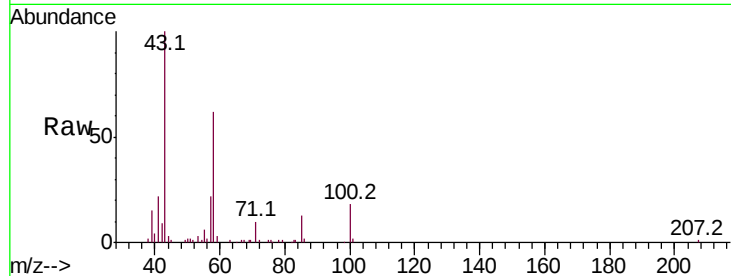




#59
2-Hexanone
Concen: 107.750 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

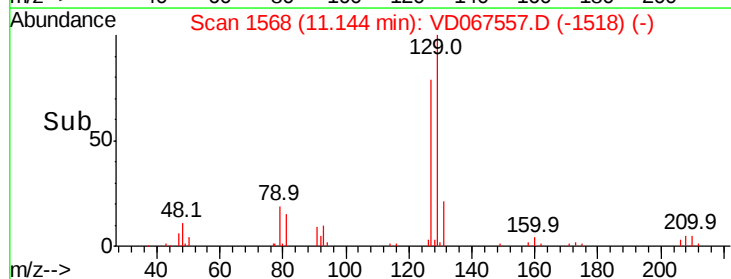
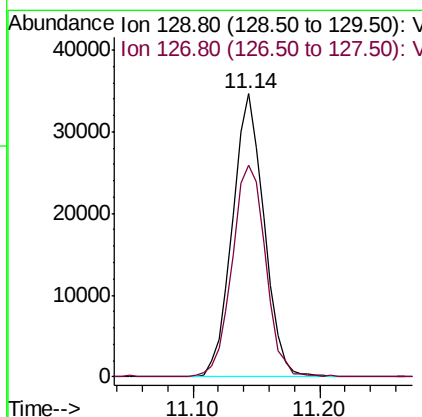
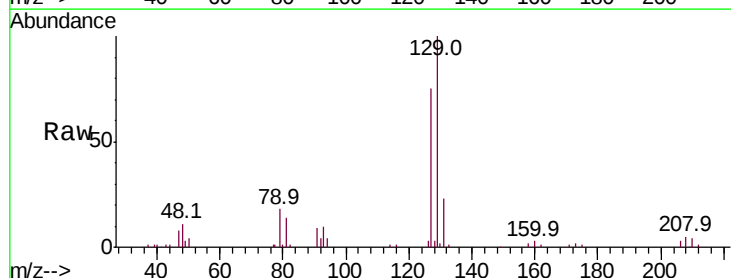
Instrument :
MSVOA_D
ClientSampled :

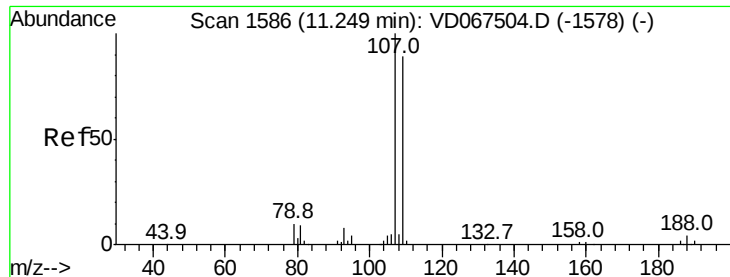
Tot Ion: 43 Resp: 67988
Ion Ratio Lower Upper
43 100
58 60.5 30.3 90.9



#60
Dibromochloromethane
Concen: 22.326 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Tgt Ion: 129 Resp: 59799
Ion Ratio Lower Upper
129 100
127 78.9 38.0 114.1

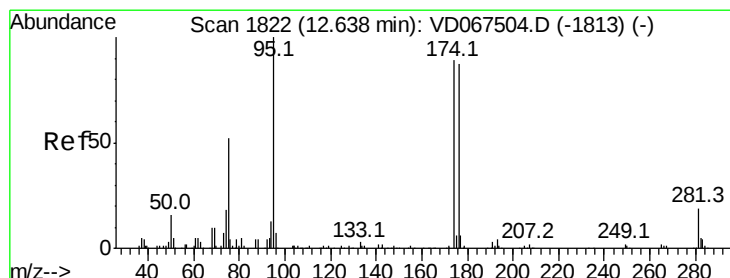
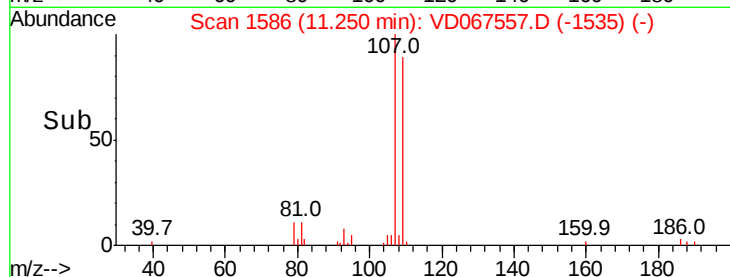
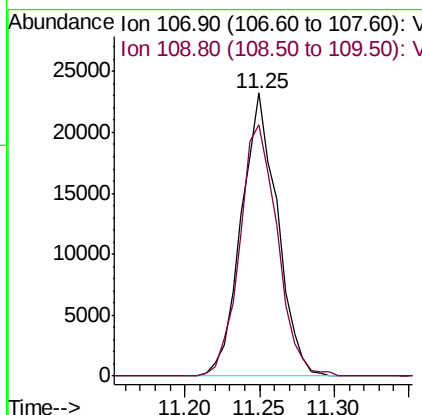
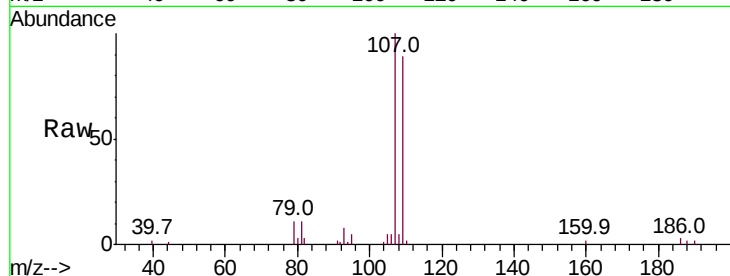




#61
 1,2-Dibromoethane
 Concen: 21.328 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

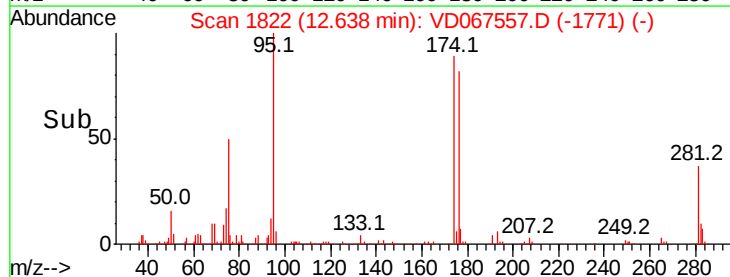
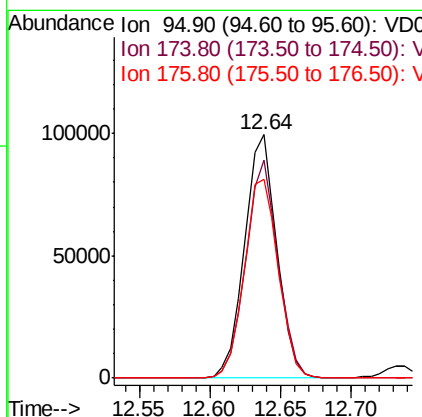
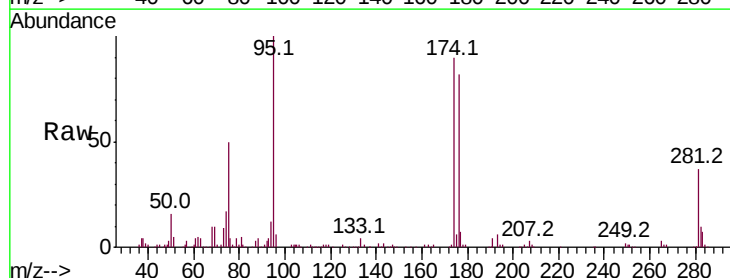
Instrument :
 MSVOA_D
 ClientSampled :

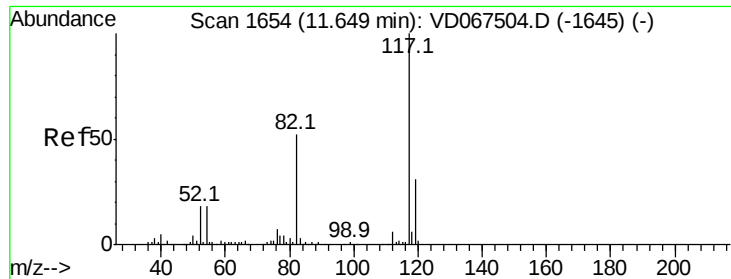
Tot Ion:107 Resp: 38758
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 50.847 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Tgt Ion: 95 Resp: 159581
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 177.8
 176 86.1 0.0 172.0

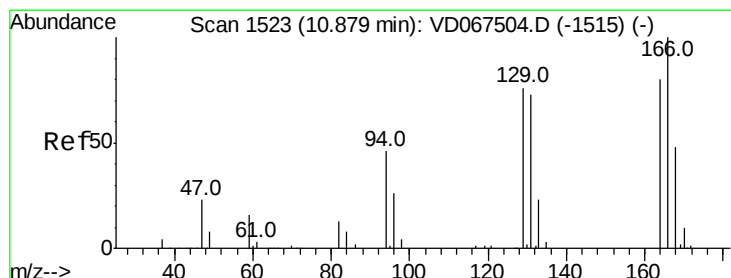
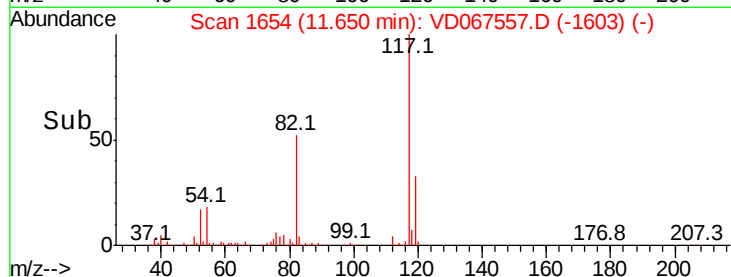
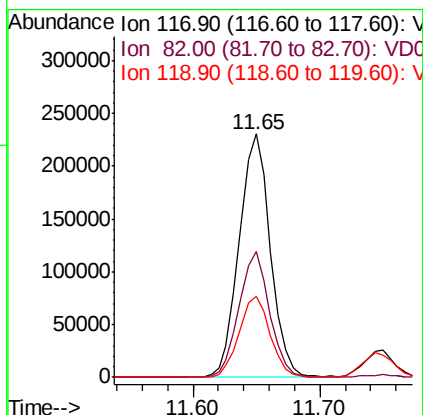
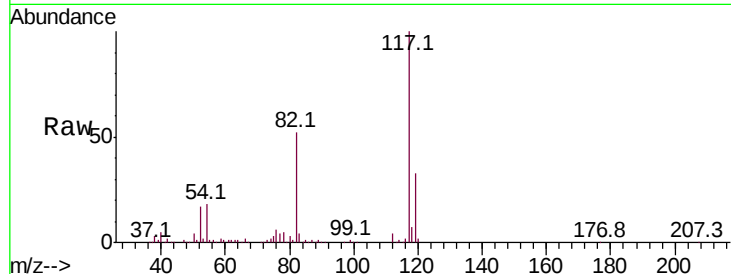




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

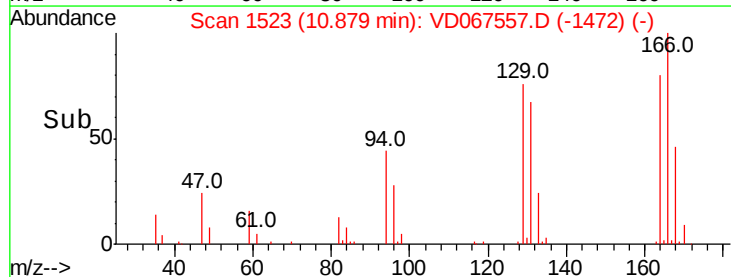
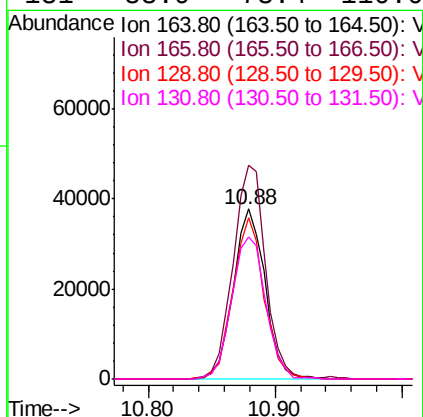
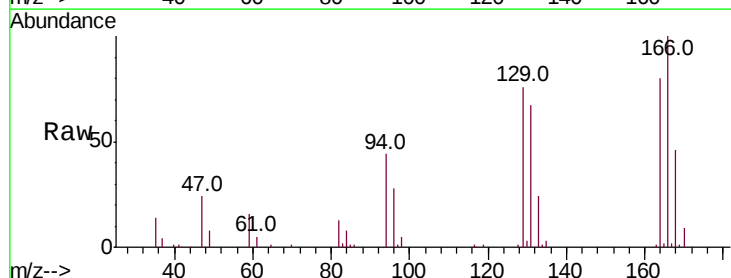
Instrument :
MSVOA_D
ClientSampleId :

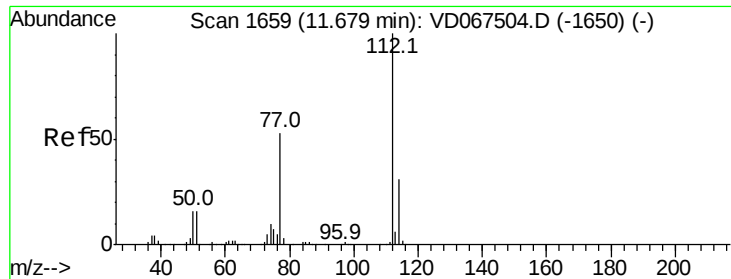
Tot Ion:117 Resp: 393272
Ion Ratio Lower Upper
117 100
82 51.8 41.6 62.4
119 33.4 25.1 37.7



#64
Tetrachloroethene
Concen: 22.355 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Tgt Ion:164 Resp: 65110
Ion Ratio Lower Upper
164 100
166 125.6 99.9 149.9
129 95.1 75.5 113.3
131 83.9 73.4 110.0





#65

Chlorobenzene

Concen: 22.082 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

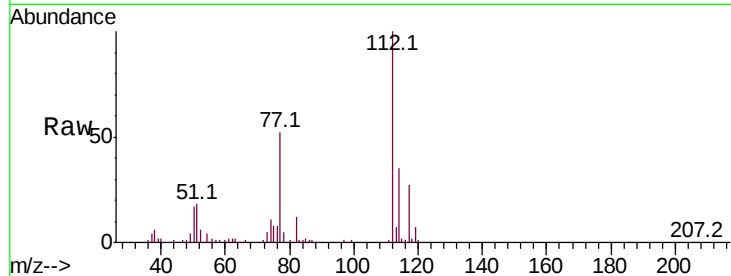
ClientSampled :

Tot Ion:112 Resp: 167282

Ion Ratio Lower Upper

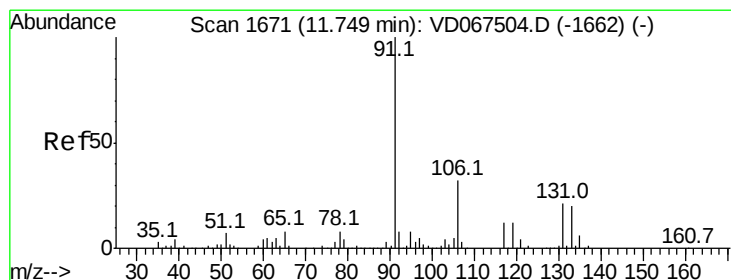
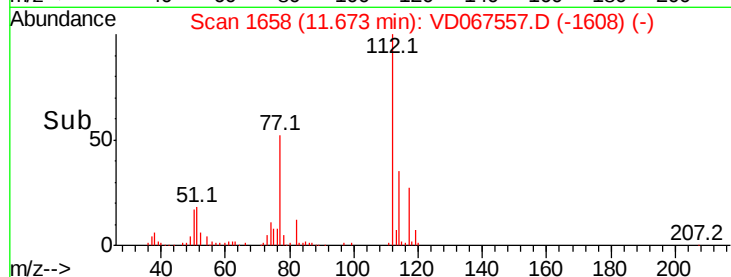
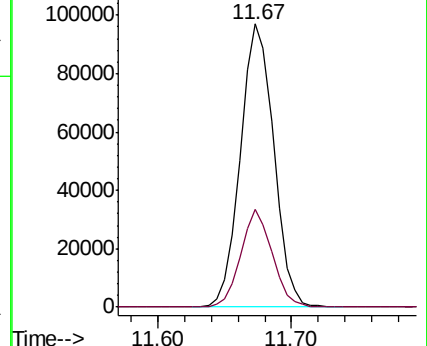
112 100

114 34.6 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.013 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

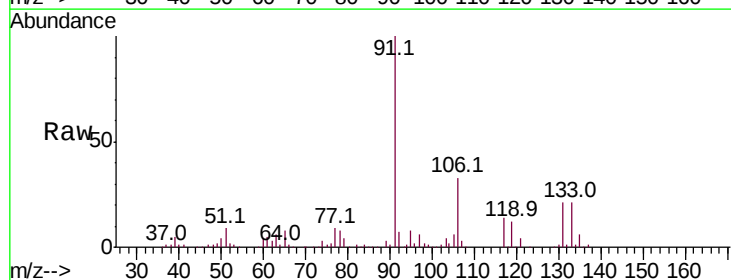
Tgt Ion:131 Resp: 65724

Ion Ratio Lower Upper

131 100

133 98.3 48.0 144.0

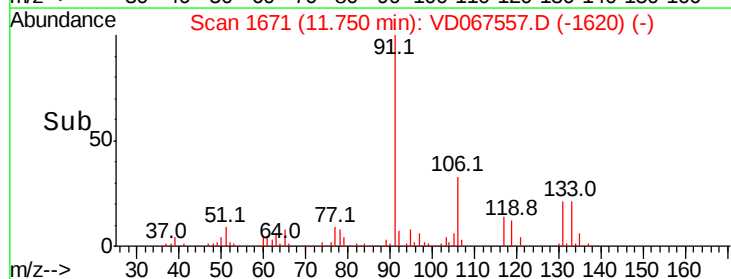
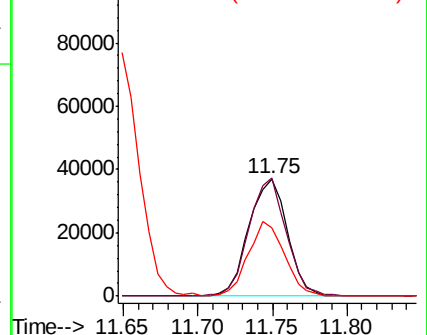
119 60.5 30.1 90.5

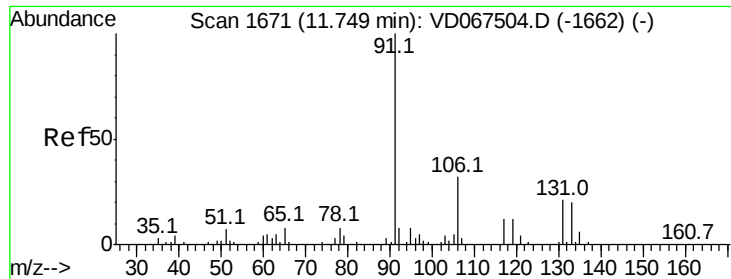


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 22.625 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

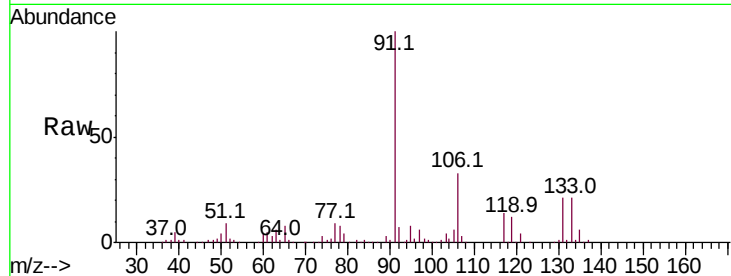
ClientSampleId :

Tot Ion: 91 Resp: 293297

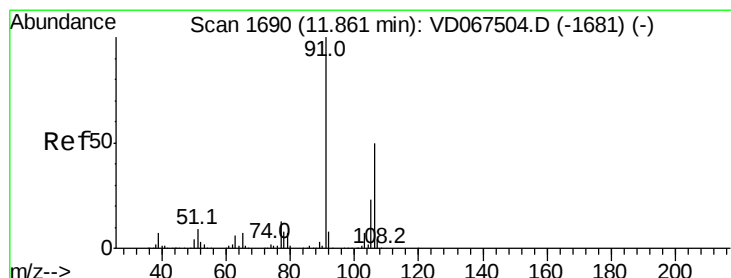
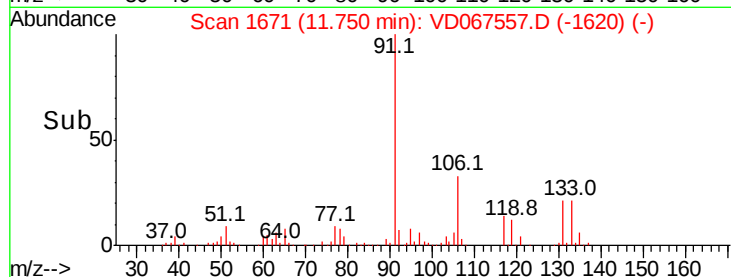
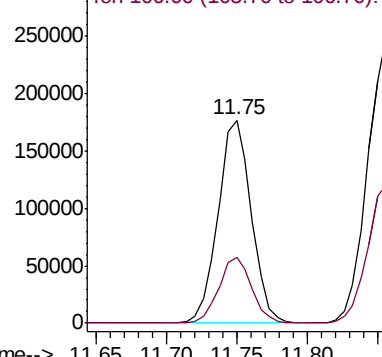
Ion Ratio Lower Upper

91 100

106 32.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC



#68

m/p-Xylenes

Concen: 45.815 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067557.D

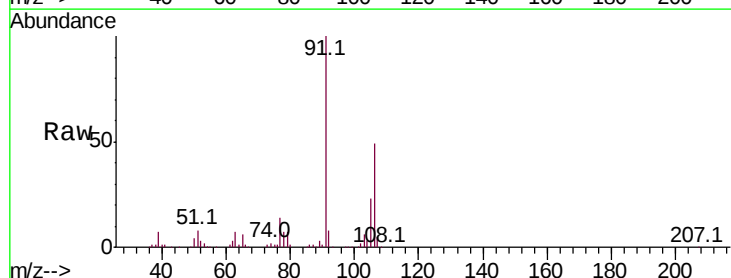
Acq: 09 Nov 2020 11:18

Tgt Ion:106 Resp: 231056

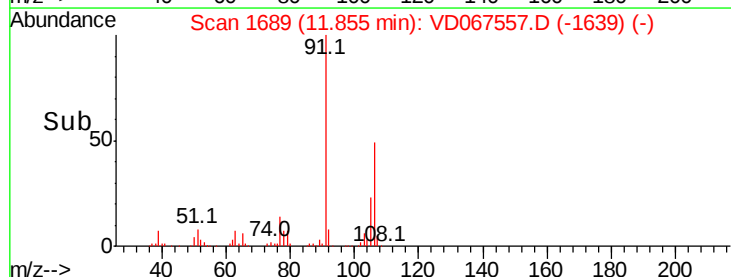
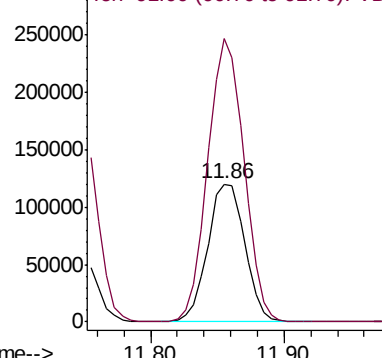
Ion Ratio Lower Upper

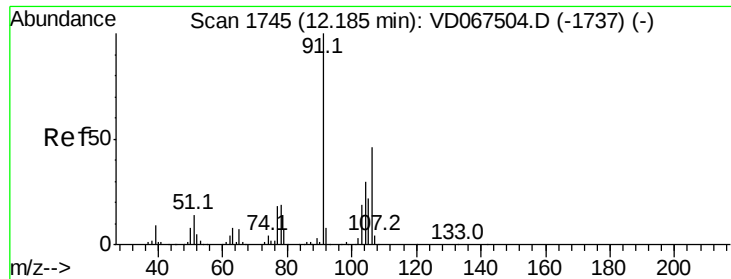
106 100

91 202.0 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

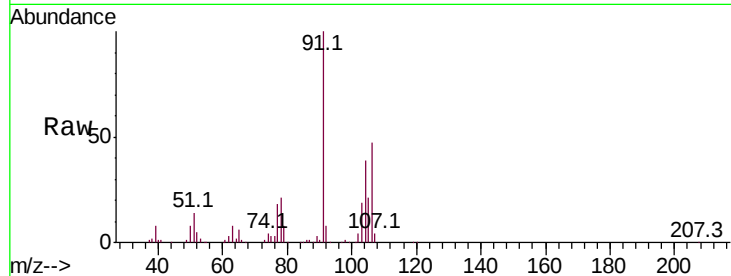




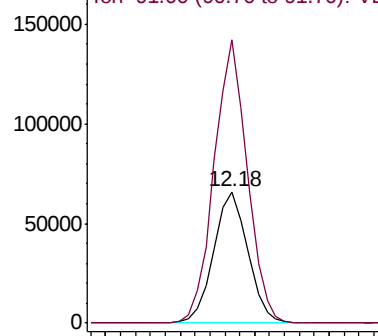
#69
o-Xylene
Concen: 23.319 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :

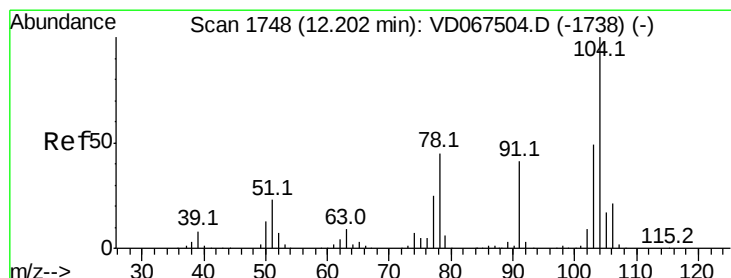
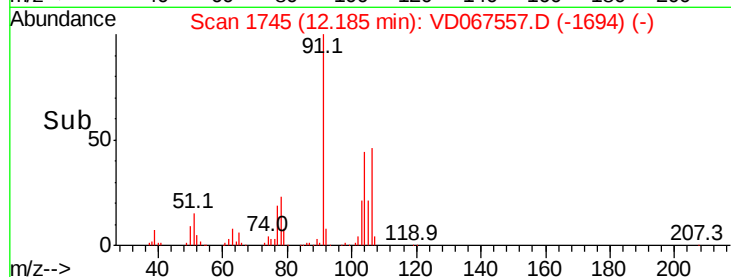
Tot Ion:106 Resp: 104997
Ion Ratio Lower Upper
106 100
91 208.3 107.1 321.1



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

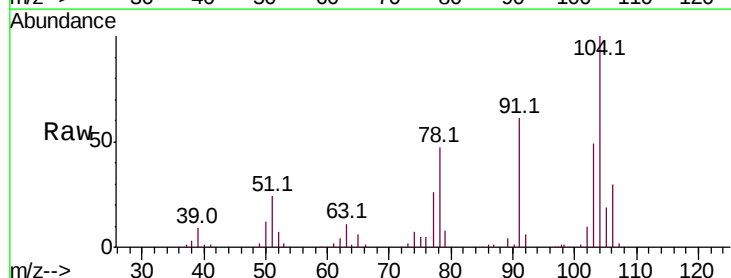


Time--> 12.10 12.15 12.20 12.25

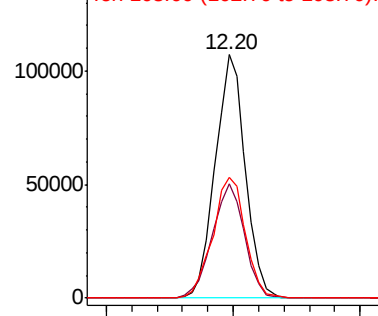


#70
Styrene
Concen: 22.438 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

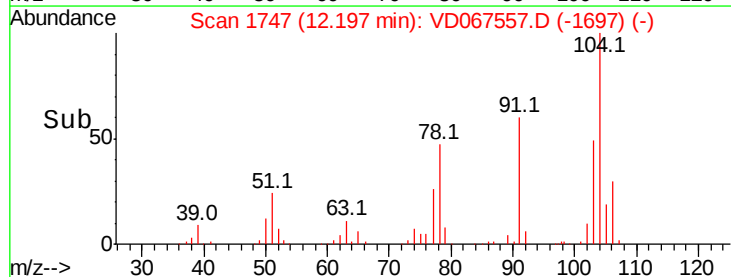
Tgt Ion:104 Resp: 176049
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.8
103 54.0 43.9 65.9

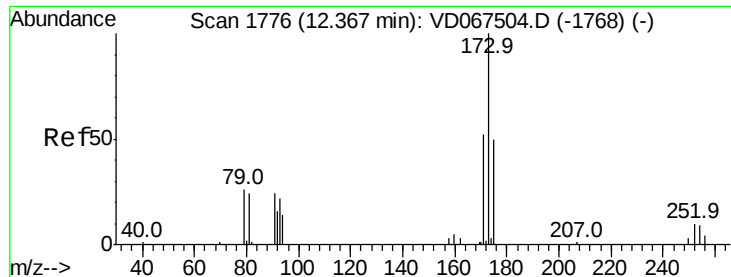


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VDC
Ion 103.00 (102.70 to 103.70): V



Time--> 12.10 12.20





#71

Bromoform

Concen: 22.237 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

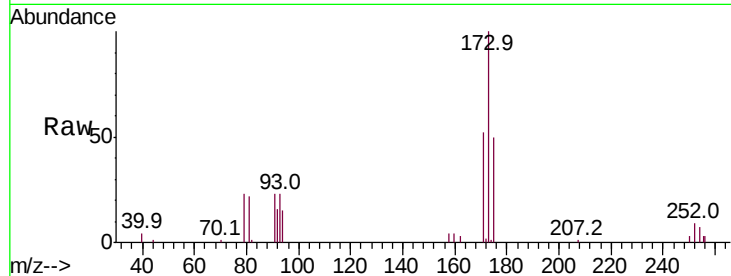
Tot Ion:173 Resp: 33862

Ion Ratio Lower Upper

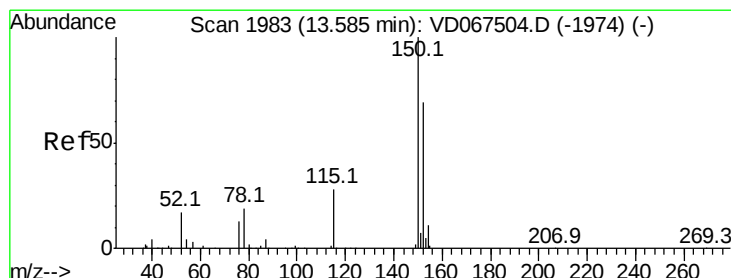
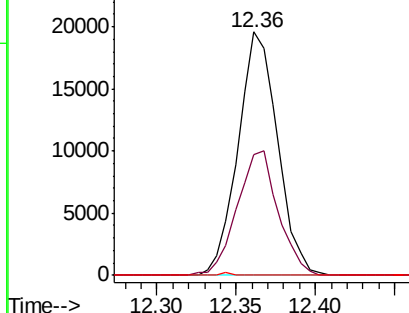
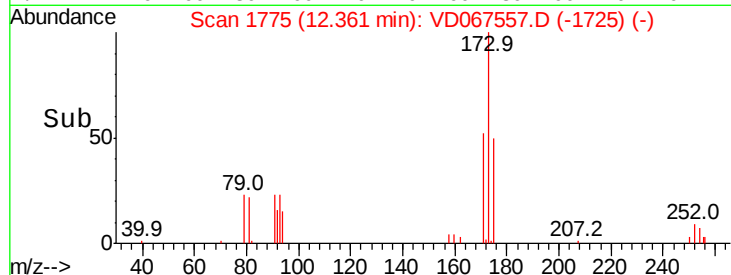
173 100

175 52.8 24.1 72.2

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

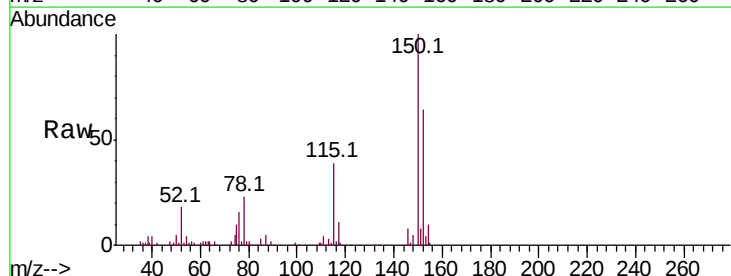
Tgt Ion:152 Resp: 198000

Ion Ratio Lower Upper

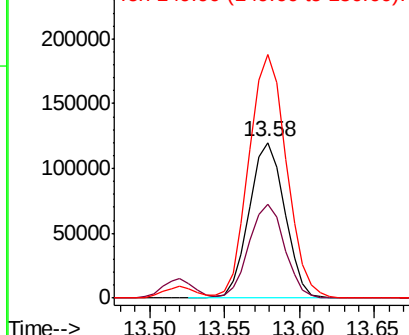
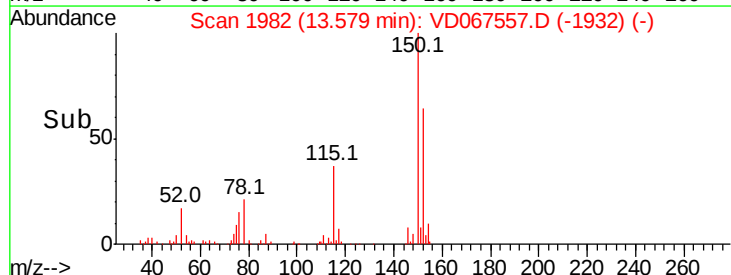
152 100

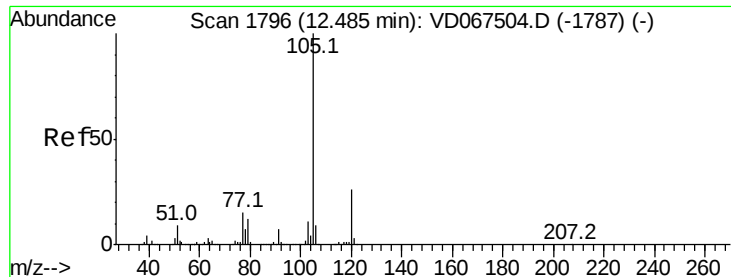
115 60.1 29.3 88.0

150 165.2 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.583 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

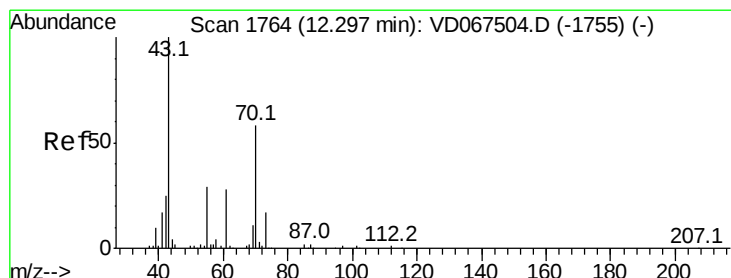
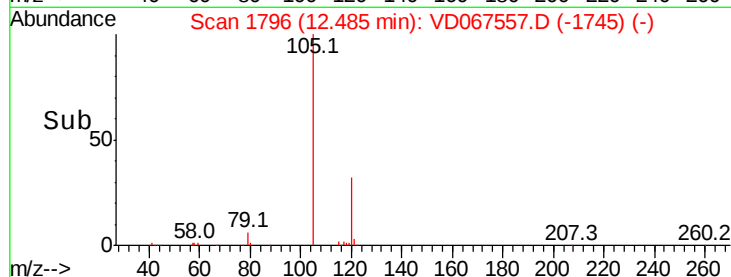
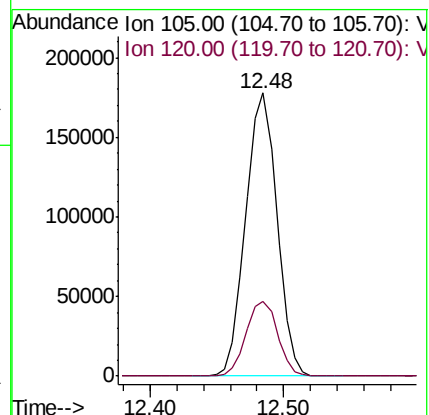
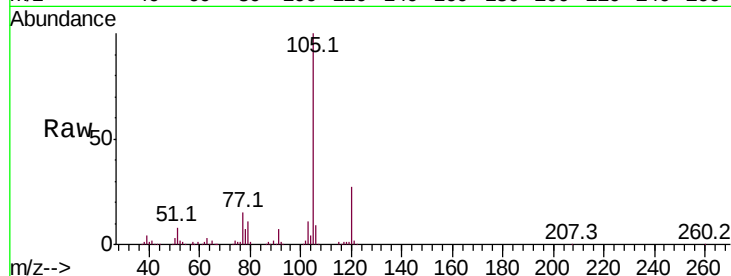
ClientSampleId :

Tot Ion:105 Resp: 288978

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 21.054 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Tgt Ion: 43 Resp: 35450

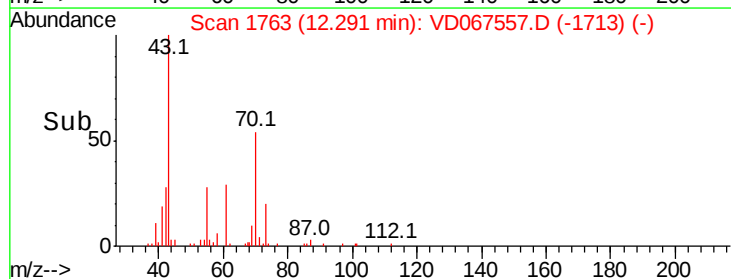
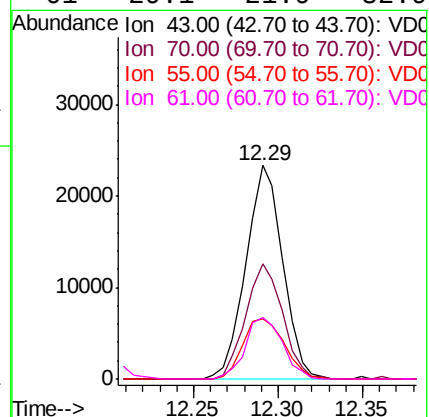
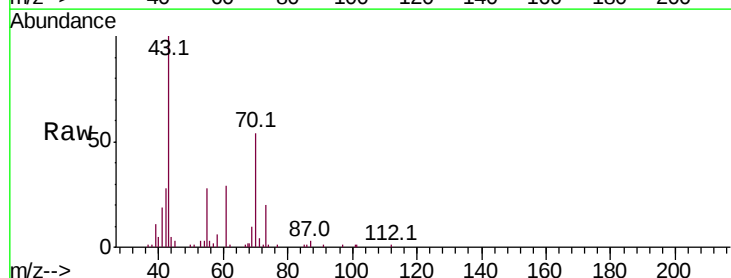
Ion Ratio Lower Upper

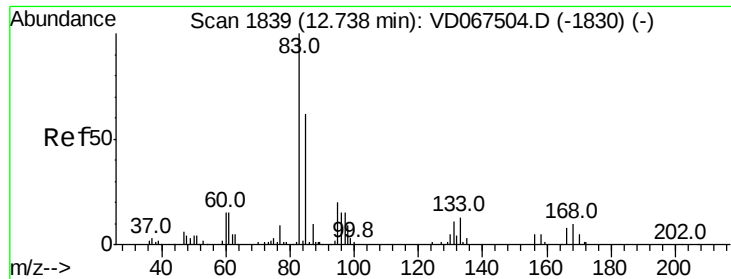
43 100

70 53.9 42.6 64.0

55 31.9 23.7 35.5

61 29.1 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.466 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampled :

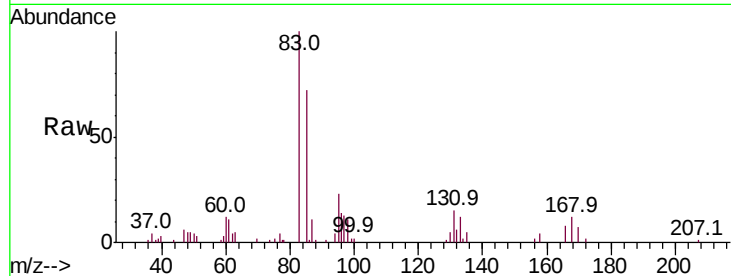
Tot Ion: 83 Resp: 35711

Ion Ratio Lower Upper

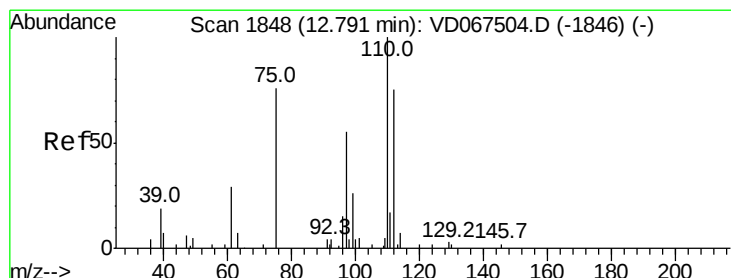
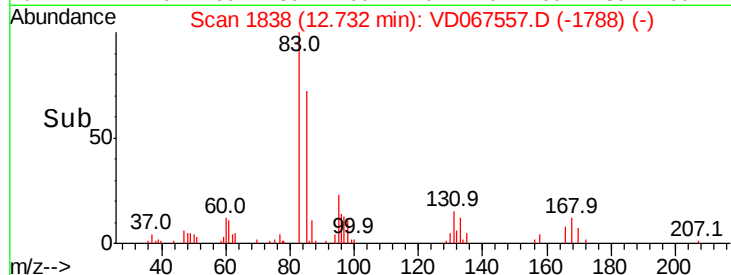
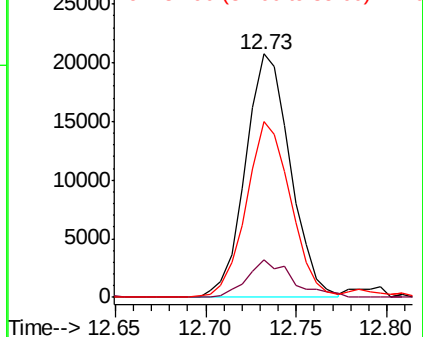
83 100

131 15.5 7.1 21.3

85 71.6 32.9 98.7



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: 45.435 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067557.D

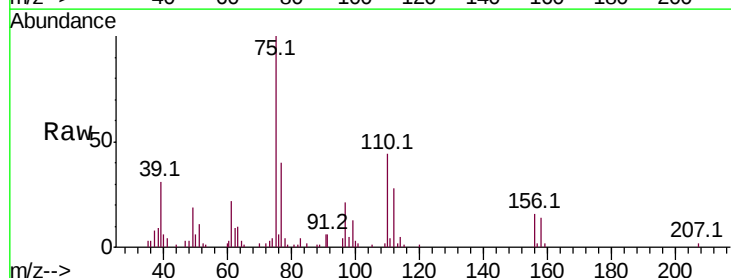
Acq: 09 Nov 2020 11:18

Tgt Ion: 75 Resp: 54270

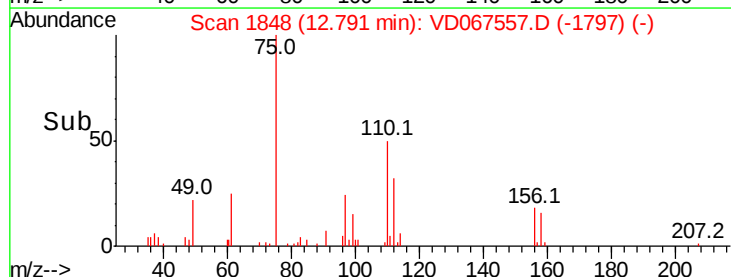
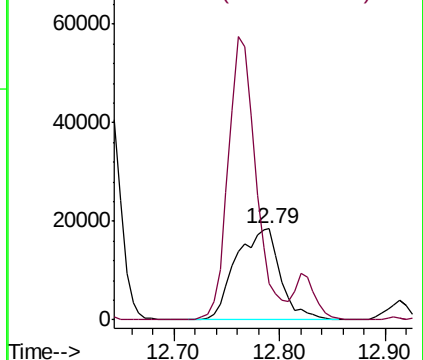
Ion Ratio Lower Upper

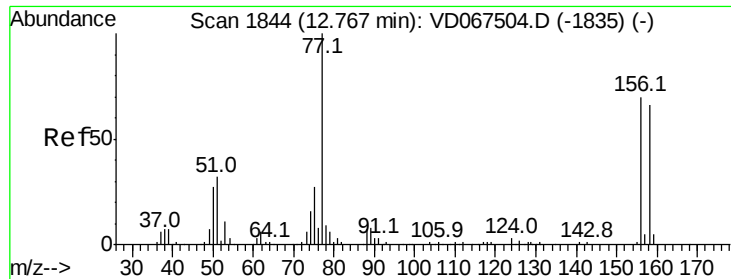
75 100

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: 22.189 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

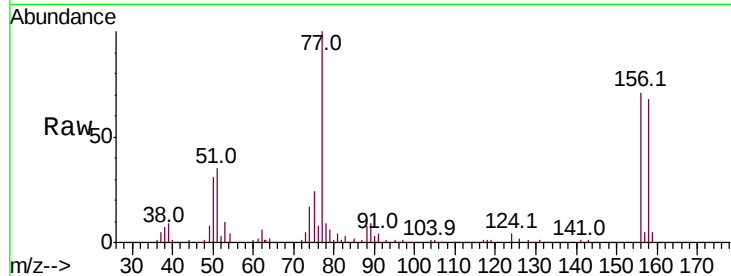
Tot Ion:156 Resp: 69732

Ion Ratio Lower Upper

156 100

77 151.2 77.8 233.5

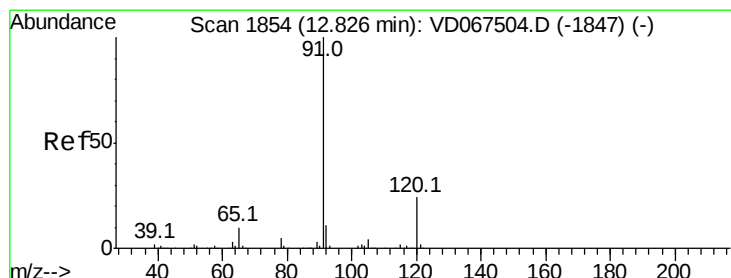
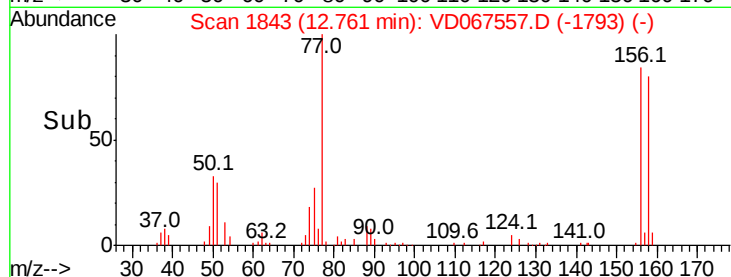
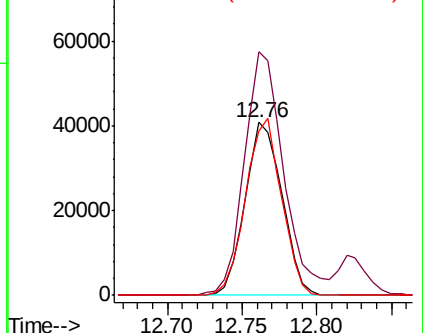
158 99.6 47.9 143.7



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: 22.867 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067557.D

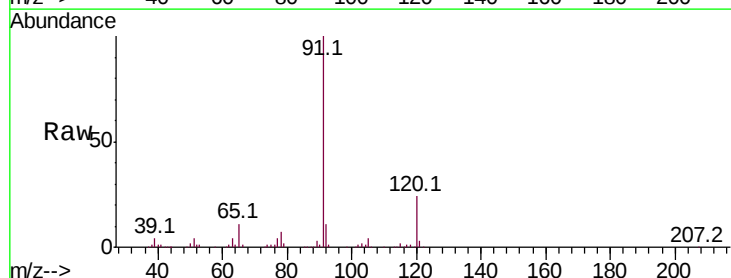
Acq: 09 Nov 2020 11:18

Tgt Ion: 91 Resp: 334707

Ion Ratio Lower Upper

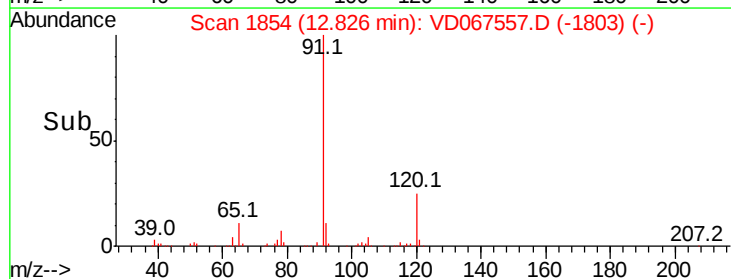
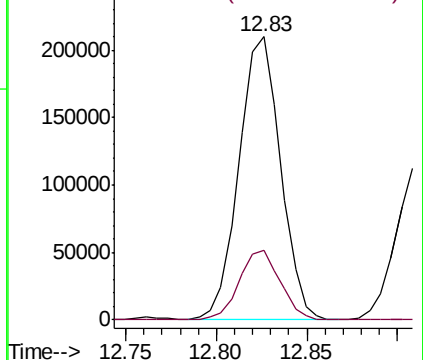
91 100

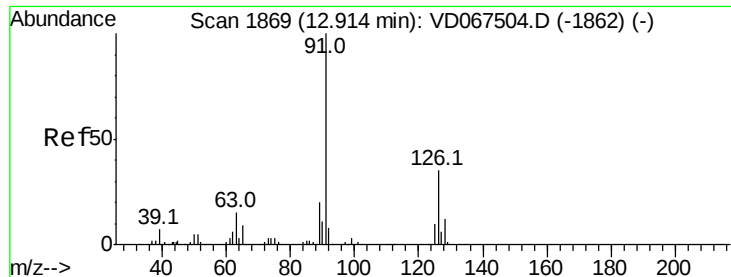
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.857 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

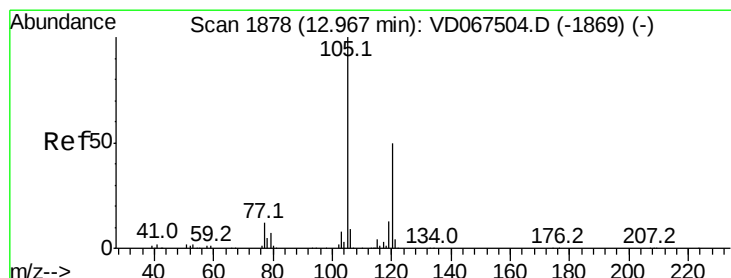
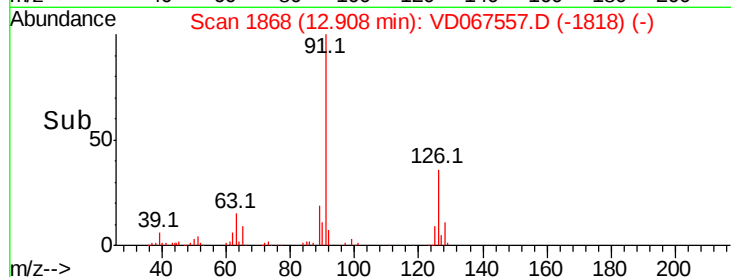
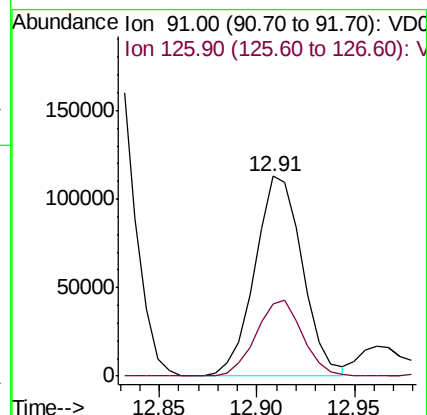
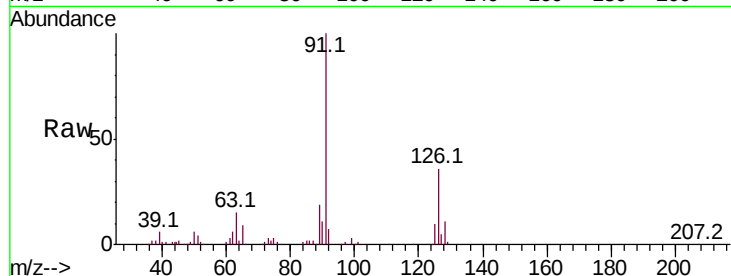
ClientSampleId :

Tot Ion: 91 Resp: 190045

Ion Ratio Lower Upper

91 100

126 37.1 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 22.610 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067557.D

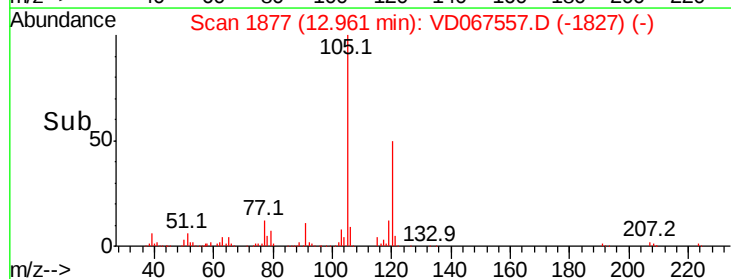
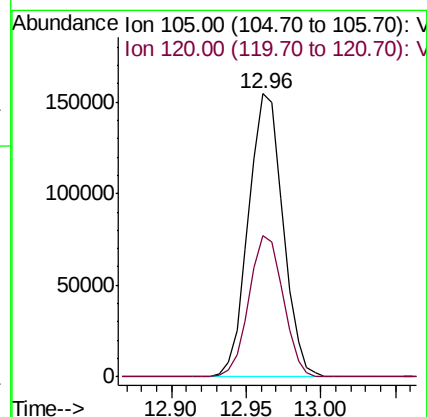
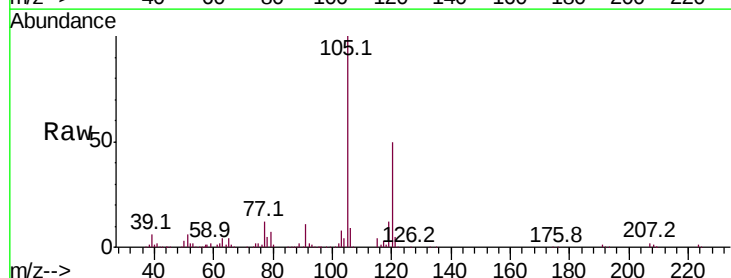
Acq: 09 Nov 2020 11:18

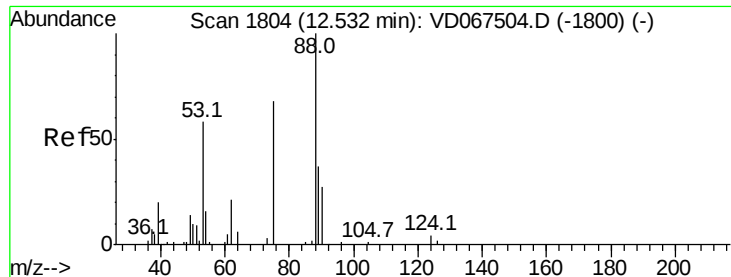
Tgt Ion:105 Resp: 247155

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.352 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

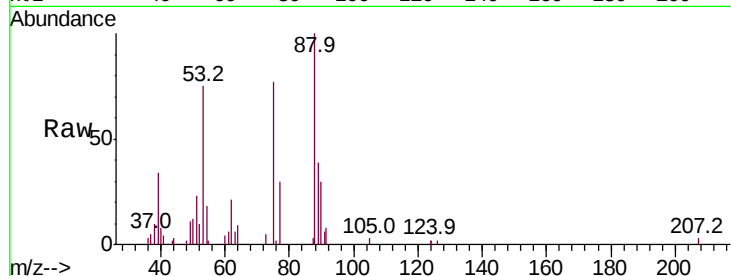
Tot Ion: 75 Resp: 12562

Ion Ratio Lower Upper

75 100

53 94.7 75.9 113.9

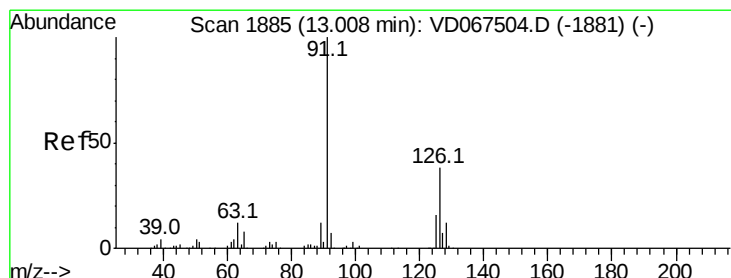
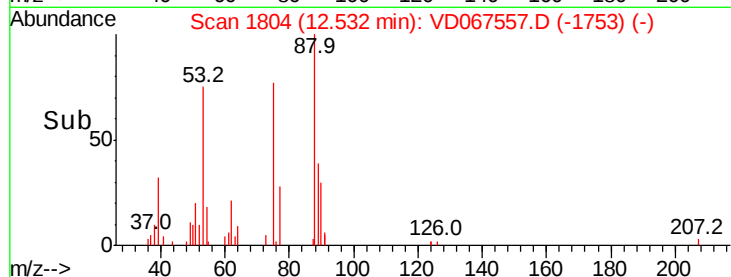
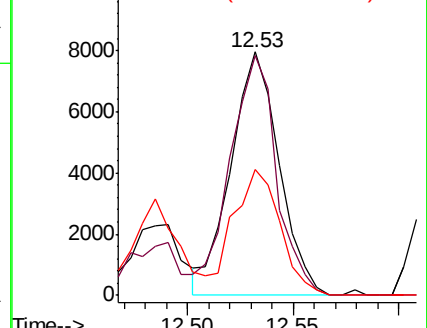
89 50.4 44.6 67.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 22.795 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067557.D

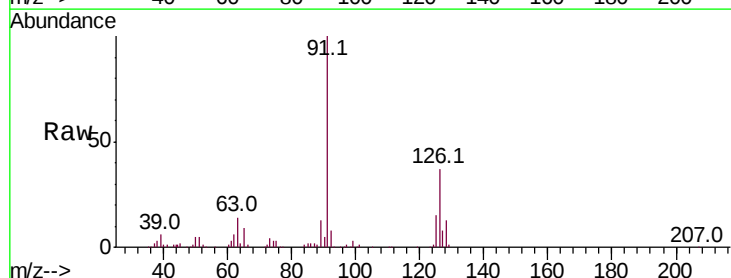
Acq: 09 Nov 2020 11:18

Tgt Ion: 91 Resp: 203269

Ion Ratio Lower Upper

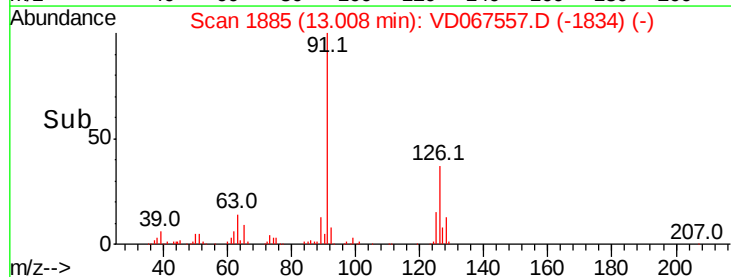
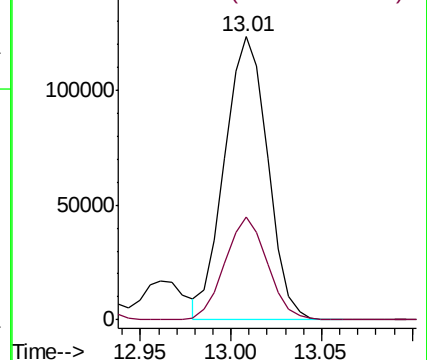
91 100

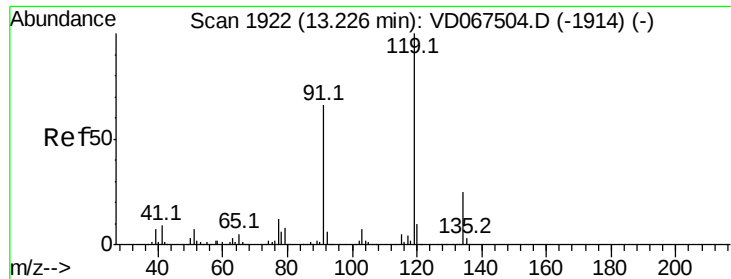
126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

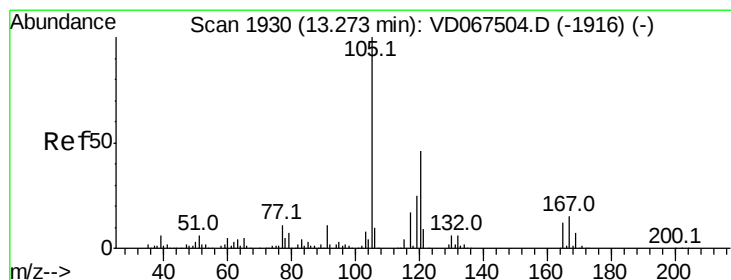
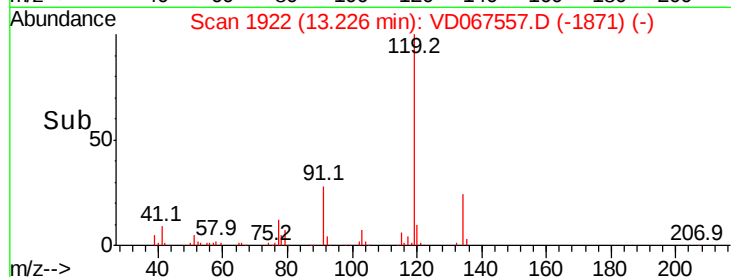
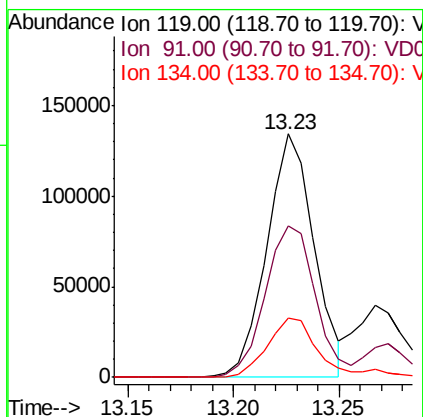
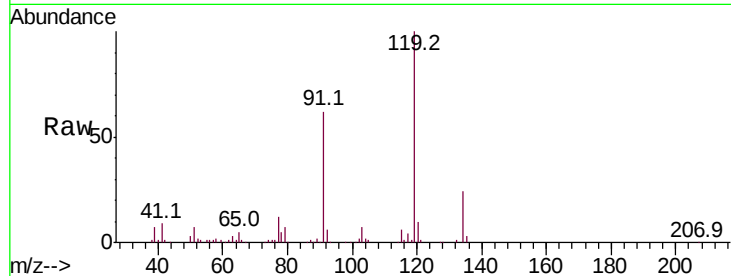




#83
tert-Butylbenzene
Concen: 22.522 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

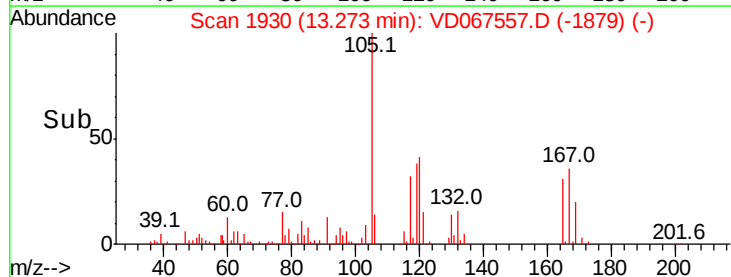
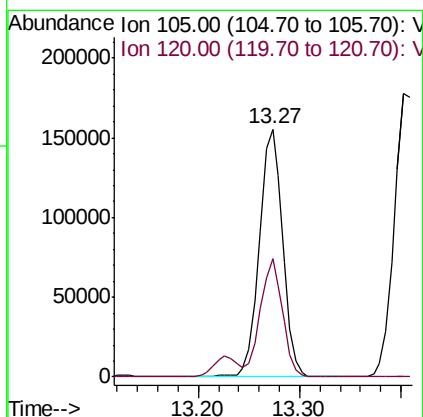
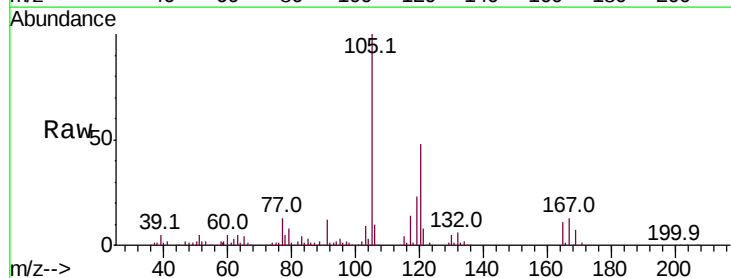
Instrument :
MSVOA_D
ClientSampleId :

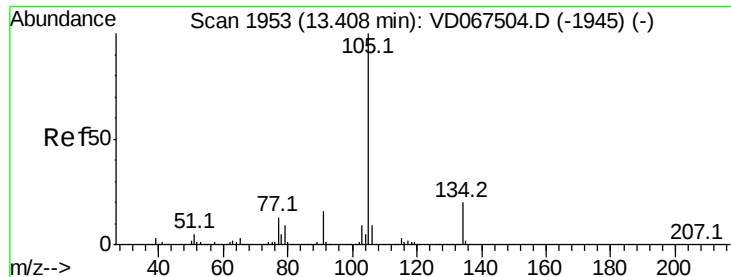
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	32.7	98.1
134	25.4	13.4	40.2



#84
1,2,4-Trimethylbenzene
Concen: 22.972 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.1	66.1





#85

sec-Butylbenzene

Concen: 22.521 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

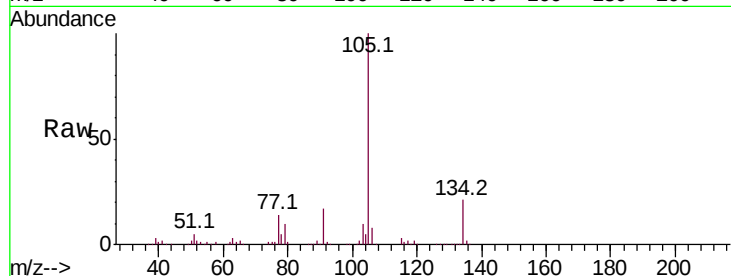
ClientSampleId :

Tot Ion:105 Resp: 281659

Ion Ratio Lower Upper

105 100

134 22.1 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

200000

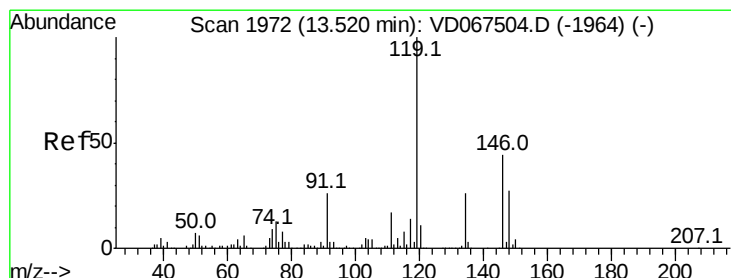
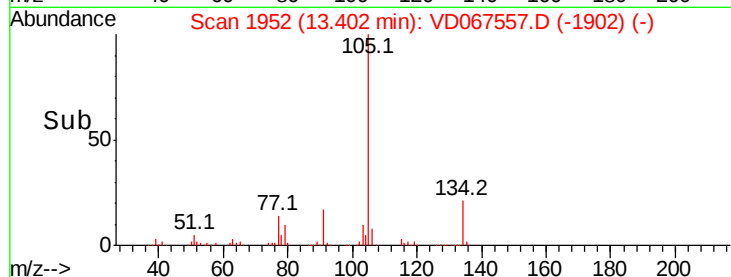
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 23.070 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

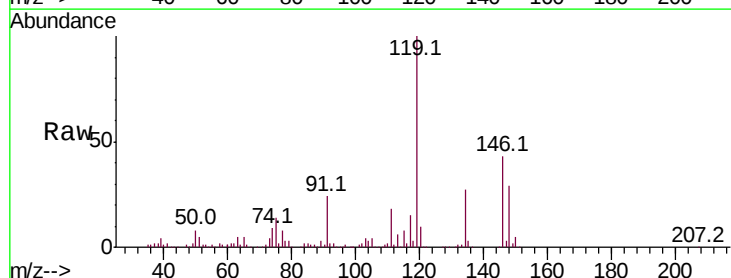
Tgt Ion:119 Resp: 278624

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 24.4 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

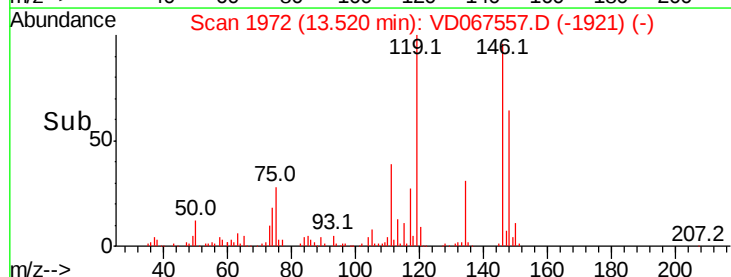
150000

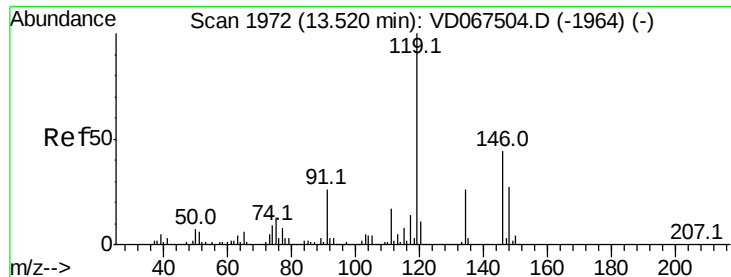
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 22.759 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

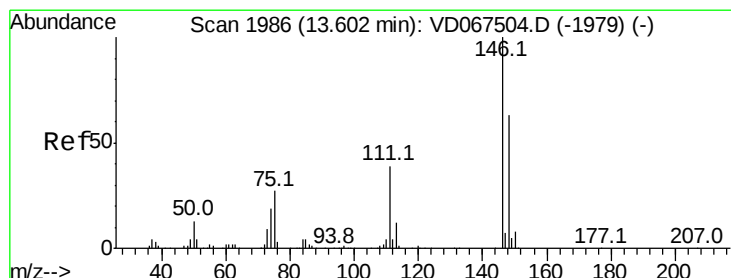
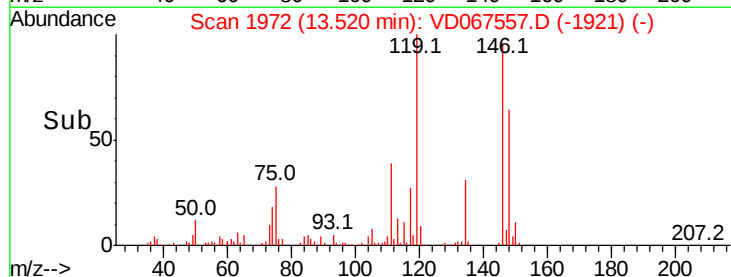
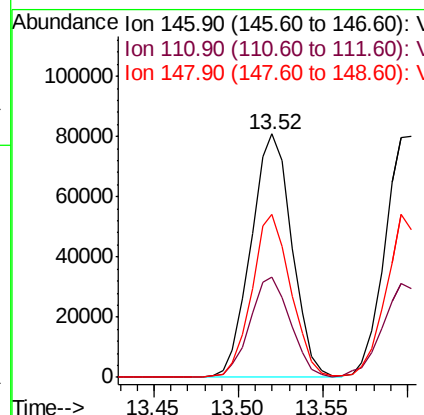
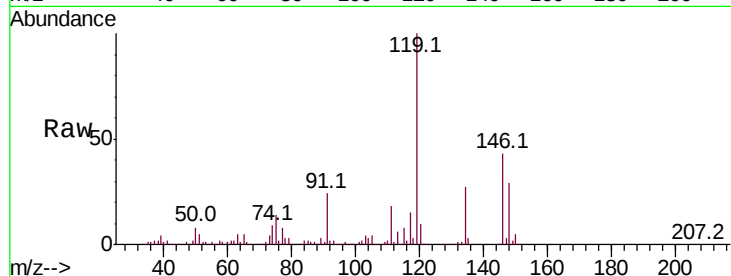
Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:146 Resp: 136479

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.8
148	63.9	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 22.447 ug/l

RT: 13.60 min Scan# 1986

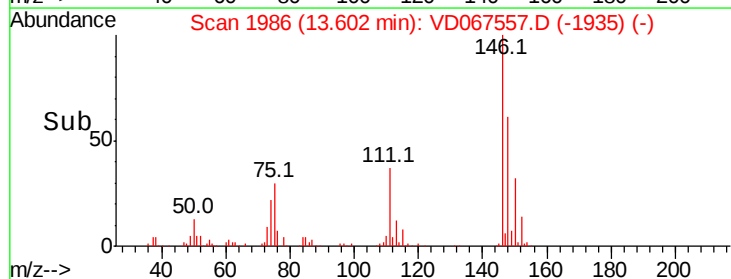
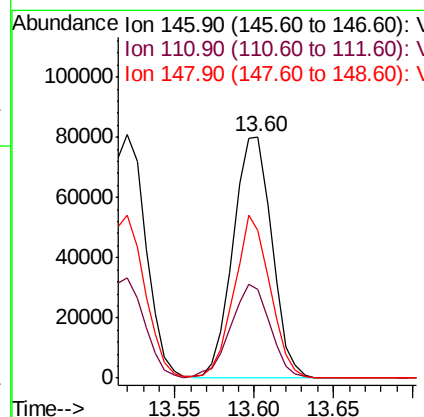
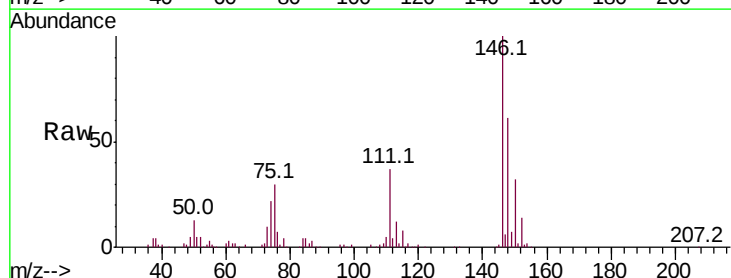
Delta R.T. 0.00 min

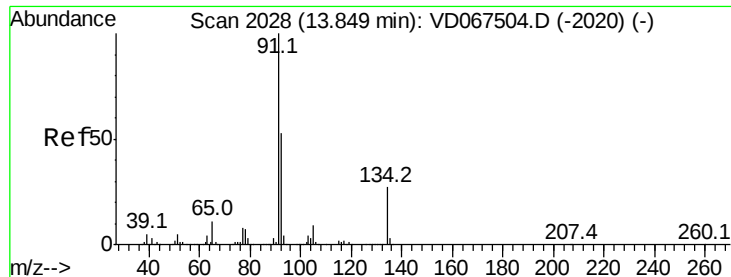
Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Tgt Ion:146 Resp: 136297

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	63.0	31.8	95.4

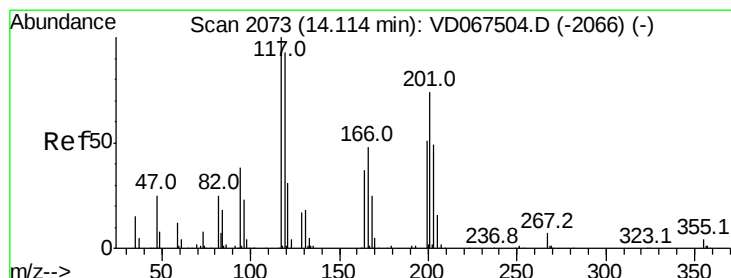
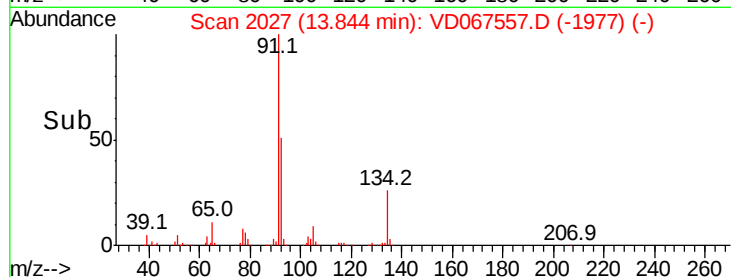
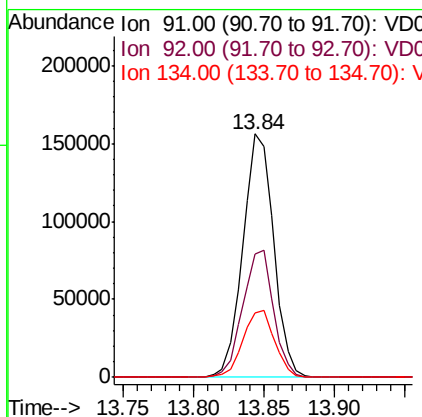
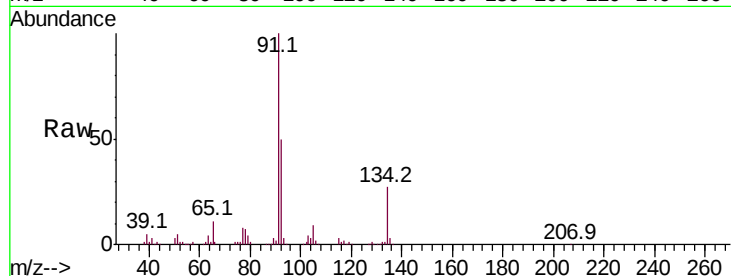




#89
n-Butylbenzene
Concen: 22.853 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

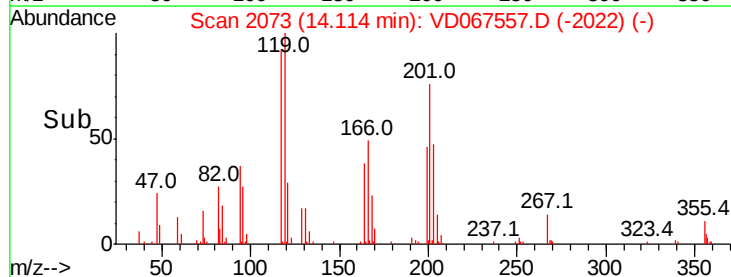
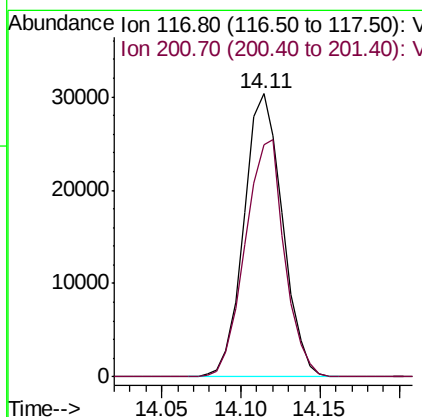
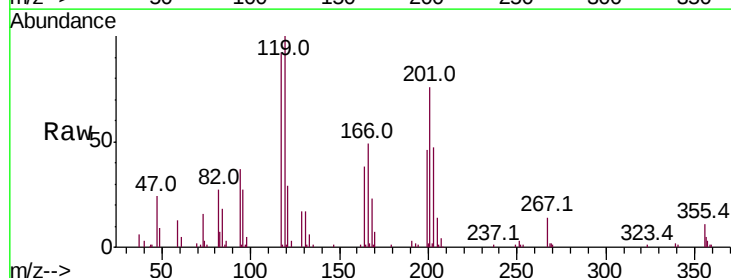
Instrument :
MSVOA_D
ClientSampleId :

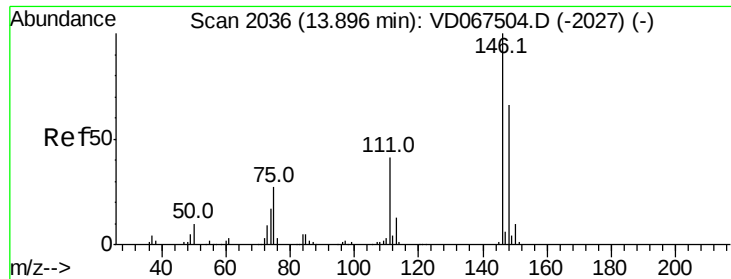
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.8
134	28.3	14.1	42.2



#90
Hexachloroethane
Concen: 22.531 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.5	40.7	122.1





#91

1,2-Dichlorobenzene

Concen: 22.127 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

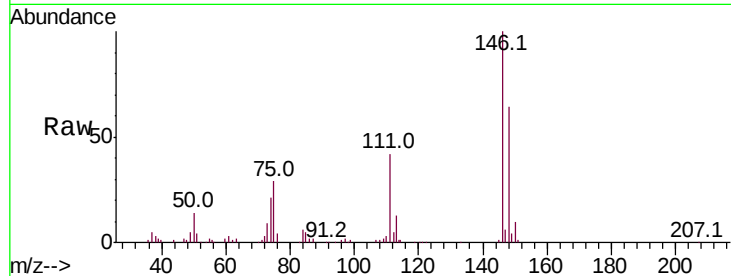
Tot Ion:146 Resp: 114834

Ion Ratio Lower Upper

146 100

111 41.7 20.7 62.1

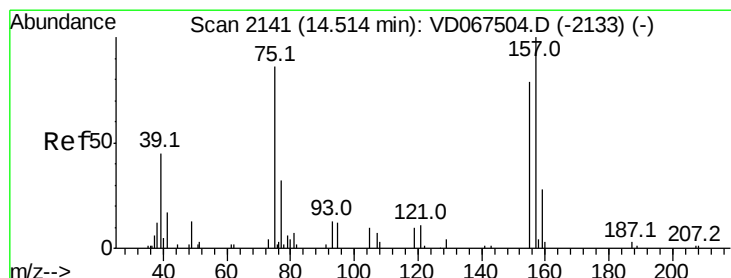
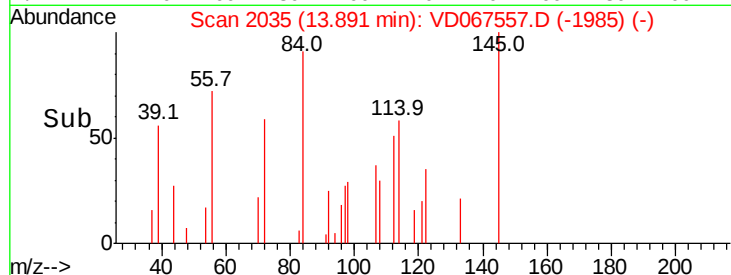
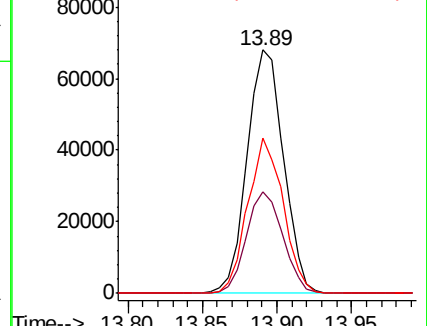
148 61.9 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.518 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067557.D

Acq: 09 Nov 2020 11:18

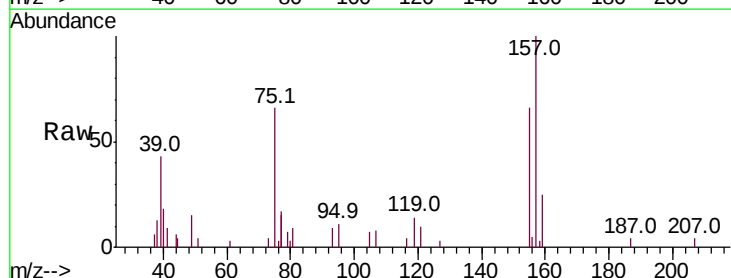
Tgt Ion: 75 Resp: 6339

Ion Ratio Lower Upper

75 100

155 96.0 46.6 139.8

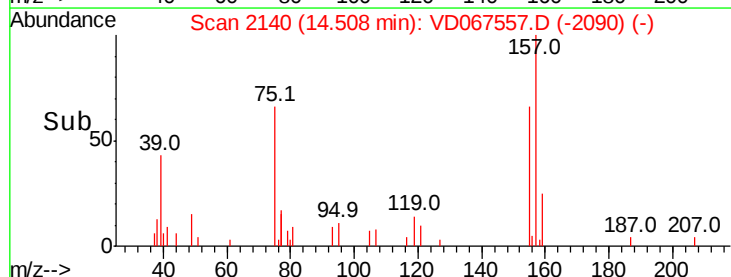
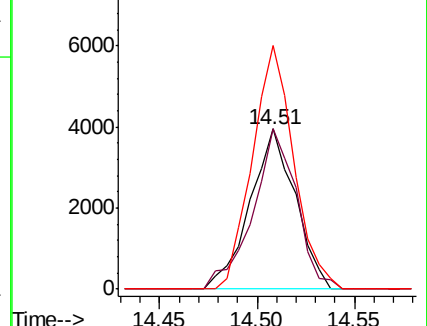
157 139.4 58.1 174.2

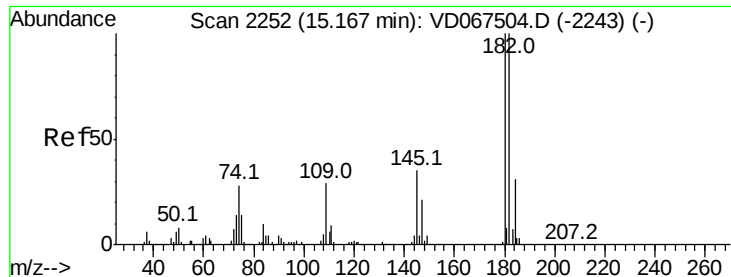


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

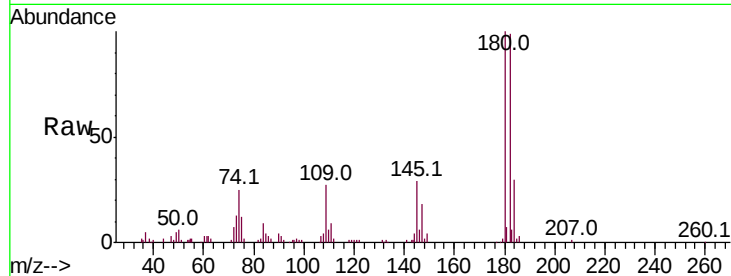




#93
 1,2,4-Trichlorobenzene
 Concen: 22.112 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.4	142.3
145	32.3	16.2	48.6

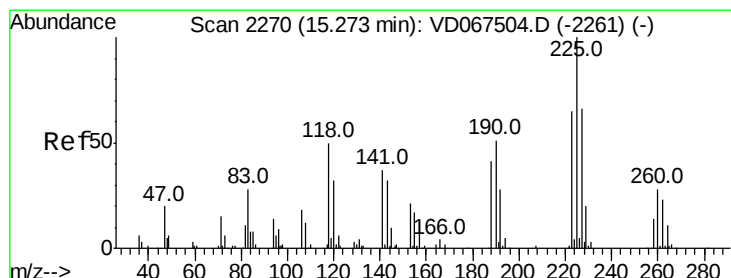
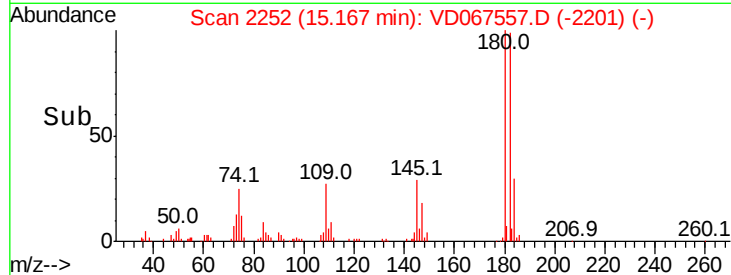
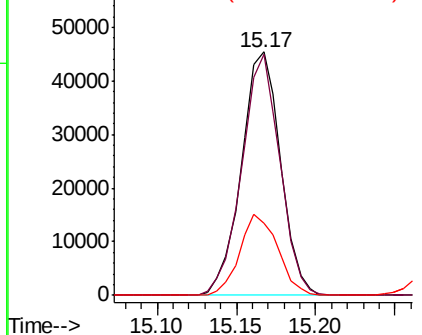


Abundance

Ion 179.80 (179.50 to 180.50): V

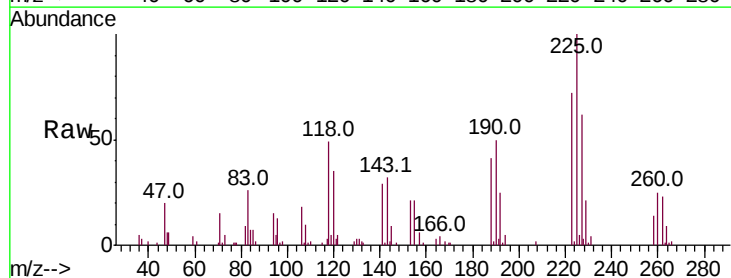
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.030 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067557.D
 Acq: 09 Nov 2020 11:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	31.9	95.5
227	63.6	32.5	97.4

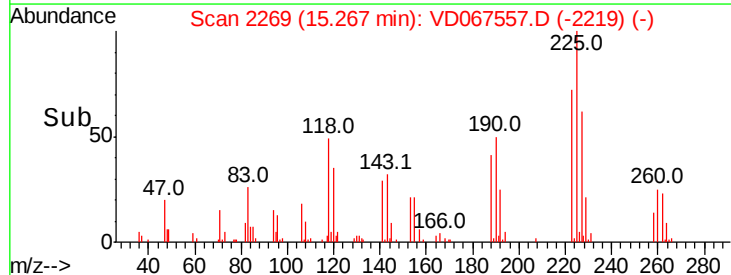
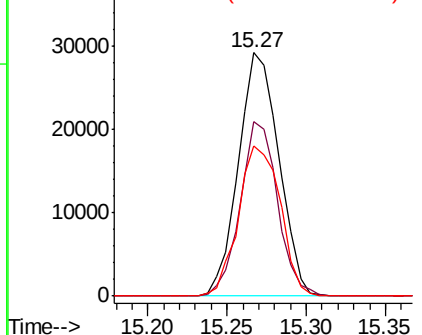


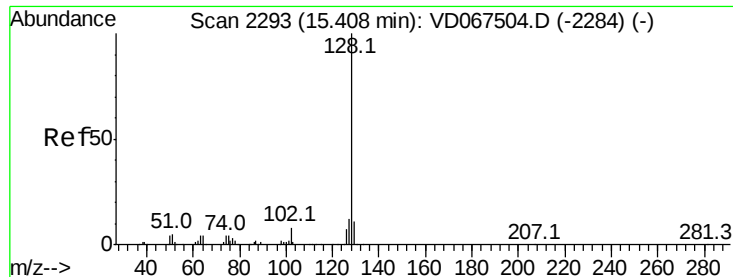
Abundance

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

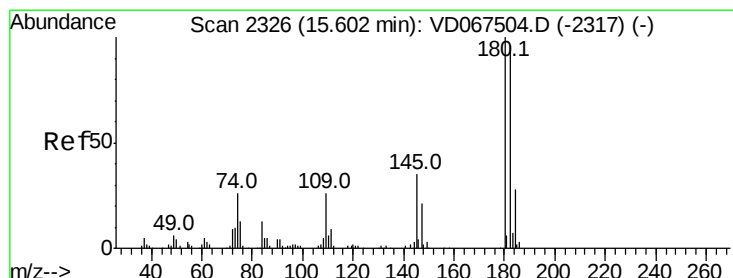
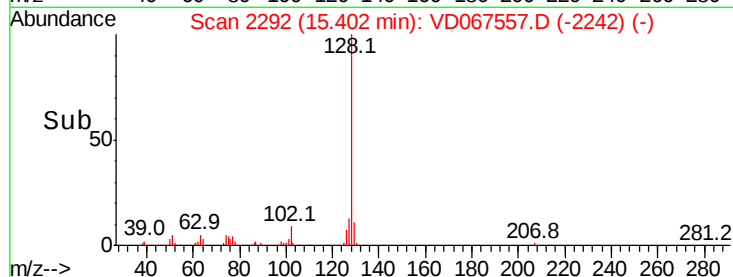
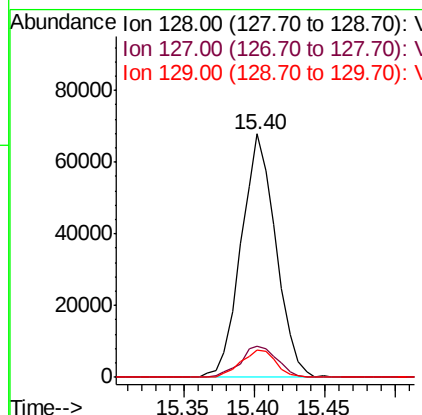
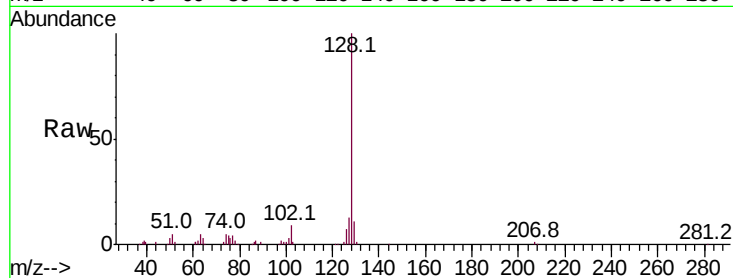




#95
Naphthalene
Concen: 21.426 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 116470
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.869 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067557.D
Acq: 09 Nov 2020 11:18

Tgt Ion:180 Resp: 65964
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.8
145 36.5 17.1 51.2

