

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067838.D
 Acq On : 02 Dec 2020 16:27
 Operator : VA/SY
 Sample : VD1202SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBSD01

Quant Time: Dec 03 00:35:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	238696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	356663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	334131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	178007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	124885	48.74	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.48%
35) Dibromofluoromethane	7.91	113	114529	47.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.98%
50) Toluene-d8	10.34	98	419411	48.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.64%
62) 4-Bromofluorobenzene	12.64	95	157875	53.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	42010	20.223	ug/l 96
3) Chloromethane	2.21	50	21183	17.669	ug/l 90
4) Vinyl Chloride	2.35	62	30035	19.893	ug/l 96
5) Bromomethane	2.76	94	39284	29.145	ug/l 91
6) Chloroethane	2.93	64	20744	21.102	ug/l 98
7) Trichlorofluoromethane	3.28	101	88755	19.210	ug/l 97
8) Diethyl Ether	3.71	74	17607	19.552	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	41906	19.891	ug/l 99
10) Methyl Iodide	4.30	142	27397	12.269	ug/l 97
11) Tert butyl alcohol	5.20	59	21343	135.773	ug/l # 80
12) 1,1-Dichloroethene	4.07	96	40174	20.311	ug/l 83
13) Acrolein	3.92	56	7937	80.601	ug/l 87
14) Allyl chloride	4.71	41	38536	21.060	ug/l 97
15) Acrylonitrile	5.41	53	30924	99.038	ug/l 99
16) Acetone	4.15	43	28906	91.288	ug/l # 67
17) Carbon Disulfide	4.41	76	108468	19.641	ug/l 100
18) Methyl Acetate	4.72	43	12222	20.132	ug/l # 87
19) Methyl tert-butyl Ether	5.47	73	87444	20.646	ug/l # 91
20) Methylene Chloride	4.97	84	49389	21.759	ug/l 93
21) trans-1,2-Dichloroethene	5.47	96	45933	20.408	ug/l # 88
22) Diisopropyl ether	6.36	45	78743	21.396	ug/l 97
23) Vinyl Acetate	6.30	43	222401	108.628	ug/l 94
24) 1,1-Dichloroethane	6.27	63	65771	20.387	ug/l 99
25) 2-Butanone	7.21	43	33541	100.708	ug/l 94
26) 2,2-Dichloropropane	7.21	77	78491	20.403	ug/l 99
27) cis-1,2-Dichloroethene	7.21	96	51457	20.902	ug/l 99
28) Bromochloromethane	7.55	49	21170	20.668	ug/l 91
29) Tetrahydrofuran	7.56	42	19932	105.108	ug/l 97
30) Chloroform	7.71	83	87608	20.321	ug/l 98
31) Cyclohexane	7.98	56	53014	19.637	ug/l # 93
32) 1,1,1-Trichloroethane	7.90	97	91509	20.107	ug/l 100
36) 1,1-Dichloropropene	8.11	75	61431	19.896	ug/l 98
37) Ethyl Acetate	7.29	43	15364	18.463	ug/l # 81
38) Carbon Tetrachloride	8.10	117	90615	19.397	ug/l 99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	71683	19.591	ug/l	96
40) Benzene	8.36	78	166790	19.742	ug/l	99
41) Methacrylonitrile	7.51	41	6568	13.338	ug/l #	52
42) 1,2-Dichloroethane	8.43	62	60338	20.038	ug/l	99
43) Isopropyl Acetate	8.46	43	31317	19.126	ug/l #	57
44) Trichloroethene	9.12	130	57001	19.623	ug/l	96
45) 1,2-Dichloropropane	9.39	63	31859	18.373	ug/l	89
46) Dibromomethane	9.48	93	23303	19.329	ug/l	95
47) Bromodichloromethane	9.66	83	67811	19.729	ug/l	99
48) Methyl methacrylate	9.46	41	14328	17.233	ug/l	96
49) 1,4-Dioxane	9.47	88	4827	350.390	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	76417	98.610	ug/l	98
52) Toluene	10.41	92	117232	19.847	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	57937	19.530	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	64914	20.117	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	30804	18.670	ug/l	95
56) Ethyl methacrylate	10.66	69	30737	18.310	ug/l	95
57) 1,3-Dichloropropane	10.95	76	50507	19.325	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	65302	85.489	ug/l	96
59) 2-Hexanone	10.99	43	51180	93.686	ug/l	99
60) Dibromochloromethane	11.14	129	50537	20.320	ug/l	94
61) 1,2-Dibromoethane	11.25	107	31873	19.644	ug/l	95
64) Tetrachloroethene	10.88	164	49735	18.248	ug/l	96
65) Chlorobenzene	11.67	112	134224	19.469	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	54881	19.517	ug/l	95
67) Ethyl Benzene	11.75	91	227149	19.341	ug/l	99
68) m/p-Xylenes	11.86	106	184119	39.758	ug/l	98
69) o-Xylene	12.18	106	81731	19.880	ug/l	99
70) Styrene	12.20	104	146230	20.455	ug/l	98
71) Bromoform	12.37	173	28450	19.113	ug/l #	95
73) Isopropylbenzene	12.48	105	230912	18.863	ug/l	98
74) N-amyl acetate	12.29	43	26692	17.628	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	29925	18.516	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	43045	33.206	ug/l	29
77) Bromobenzene	12.77	156	56472	18.556	ug/l	94
78) n-propylbenzene	12.83	91	257022	18.943	ug/l	99
79) 2-Chlorotoluene	12.91	91	153159	19.188	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	204249	19.271	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	9210	16.995	ug/l	97
82) 4-Chlorotoluene	13.01	91	164067	19.269	ug/l	97
83) tert-Butylbenzene	13.23	119	177840	19.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	206538	19.597	ug/l	100
85) sec-Butylbenzene	13.40	105	222145	18.454	ug/l	100
86) p-Isopropyltoluene	13.52	119	220667	18.704	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	111260	18.952	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	110784	18.863	ug/l	98
89) n-Butylbenzene	13.84	91	182014	18.570	ug/l	99
90) Hexachloroethane	14.11	117	39922	18.328	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	95030	18.664	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6222	18.447	ug/l	90

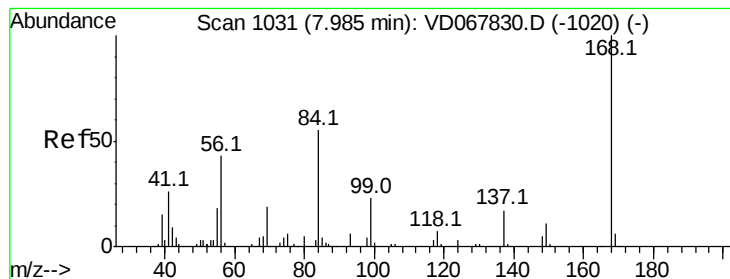
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	67299	18.896	ug/l	99
94) Hexachlorobutadiene	15.27	225	42733	18.388	ug/l	97
95) Naphthalene	15.41	128	105403	18.187	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	56285	18.300	ug/l	97

(#) = 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: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

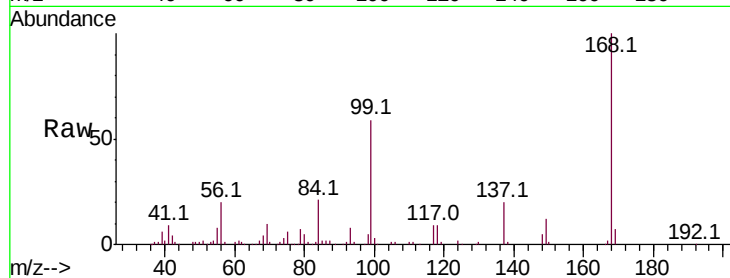
VD1202SBSD01

Tot Ion:168 Resp: 238696

Ion Ratio Lower Upper

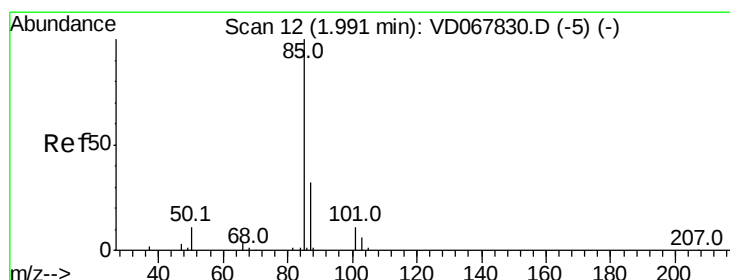
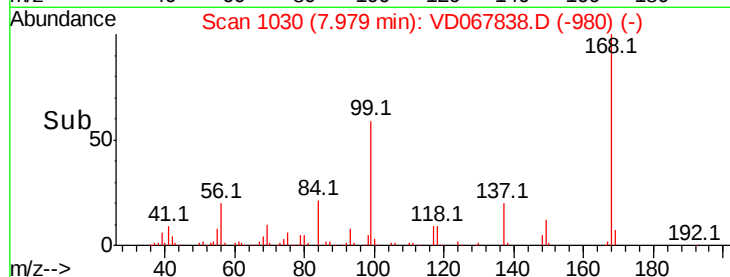
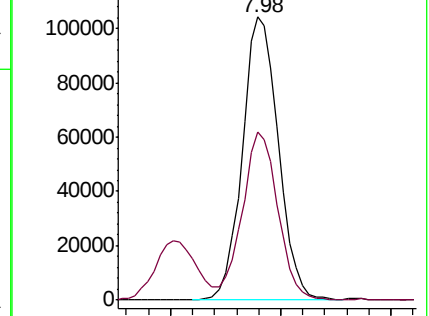
168 100

99 59.1 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.223 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067838.D

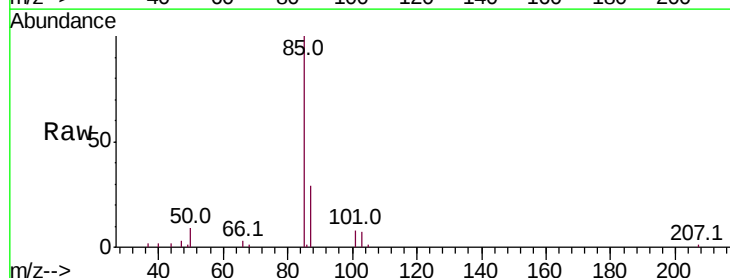
Acq: 02 Dec 2020 16:27

Tgt Ion: 85 Resp: 42010

Ion Ratio Lower Upper

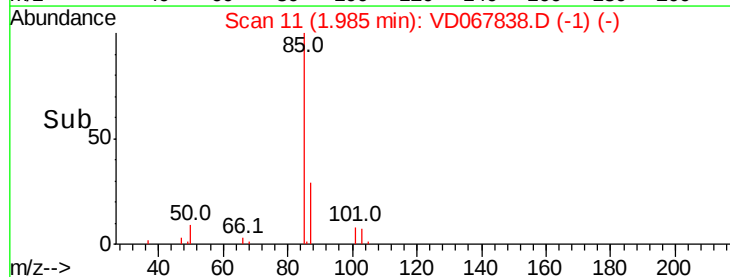
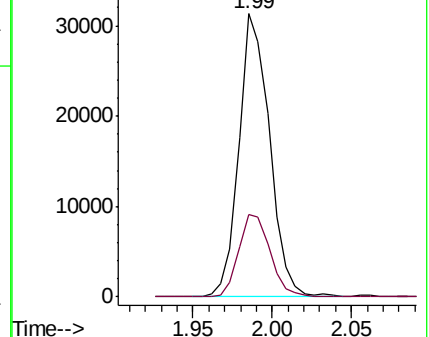
85 100

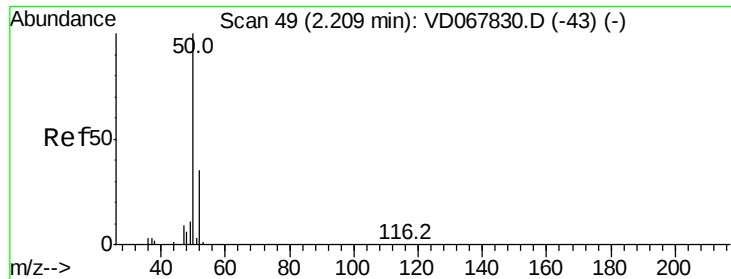
87 29.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.669 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

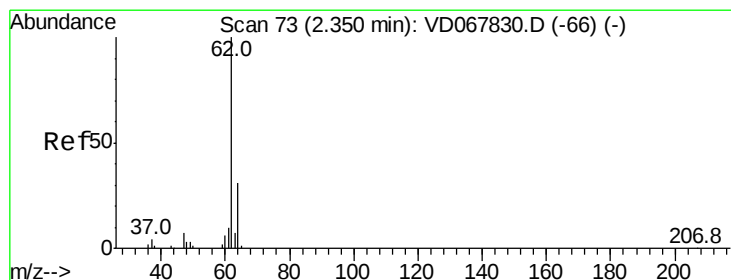
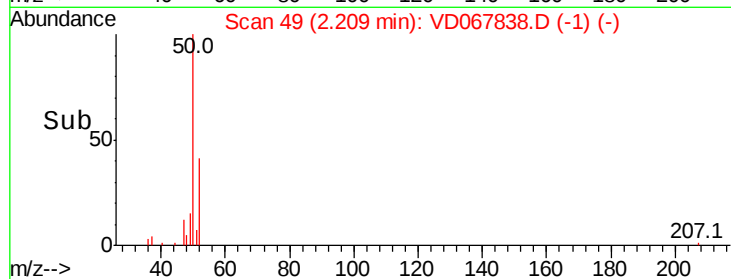
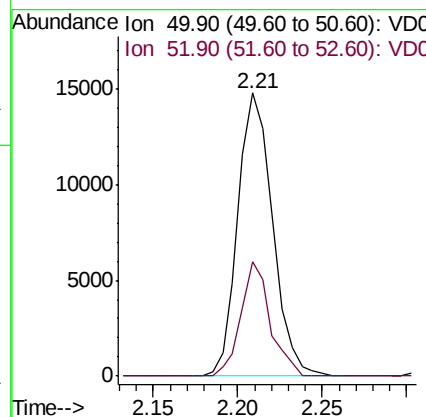
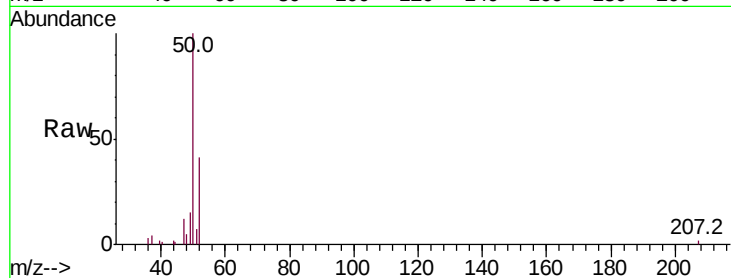
VD1202SBSD01

Tot Ion: 50 Resp: 21183

Ion Ratio Lower Upper

50 100

52 40.6 27.8 41.6



#4

Vinyl Chloride

Concen: 19.893 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067838.D

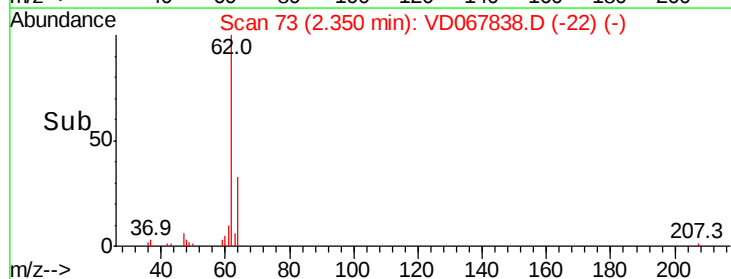
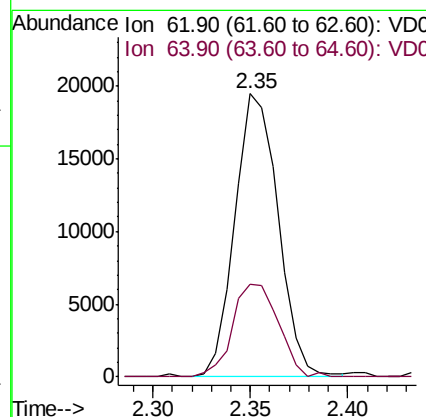
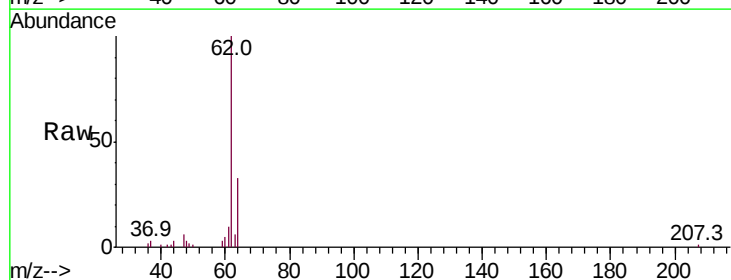
Acq: 02 Dec 2020 16:27

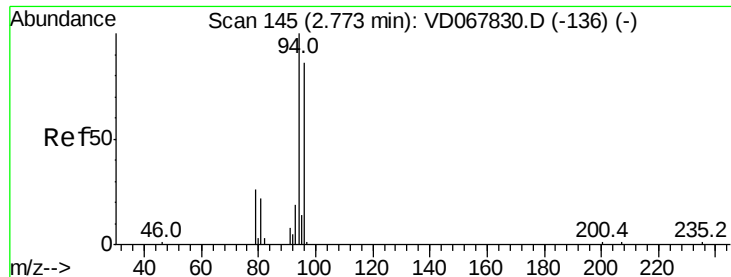
Tgt Ion: 62 Resp: 30035

Ion Ratio Lower Upper

62 100

64 32.6 24.5 36.7





#5

Bromomethane

Concen: 29.145 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

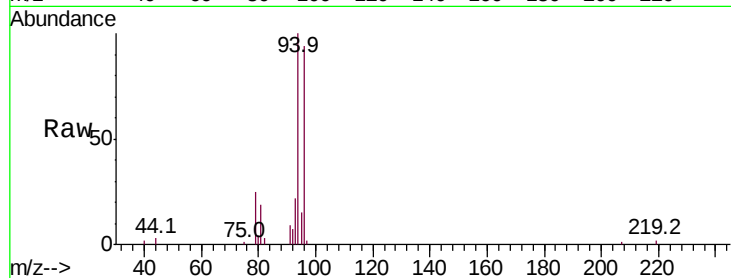
VD1202SBSD01

Tot Ion: 94 Resp: 39284

Ion Ratio Lower Upper

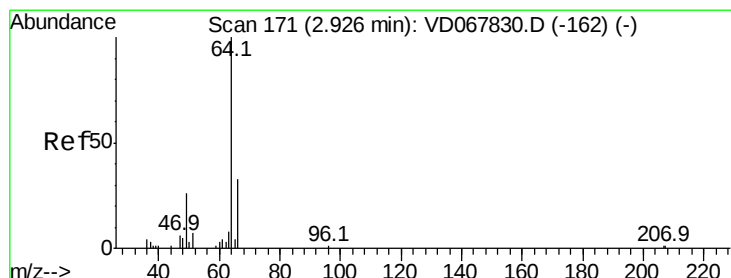
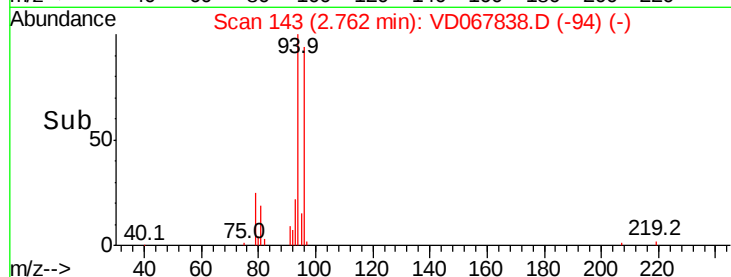
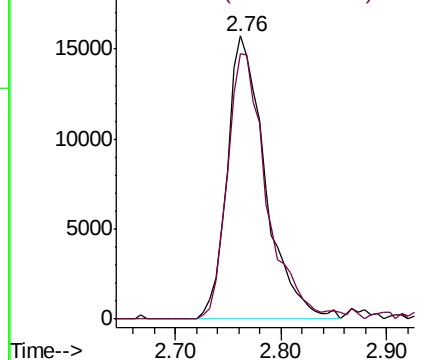
94 100

96 93.8 68.7 103.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.102 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD067838.D

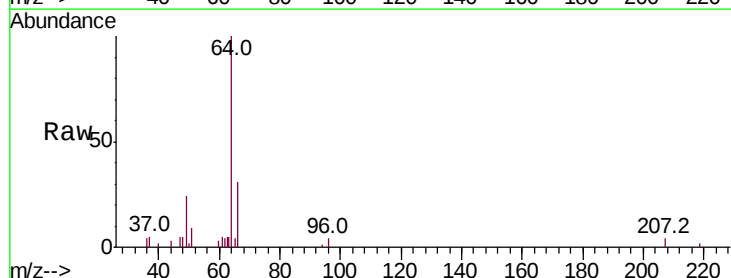
Acq: 02 Dec 2020 16:27

Tgt Ion: 64 Resp: 20744

Ion Ratio Lower Upper

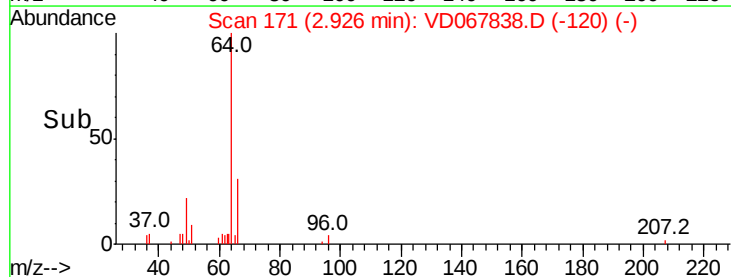
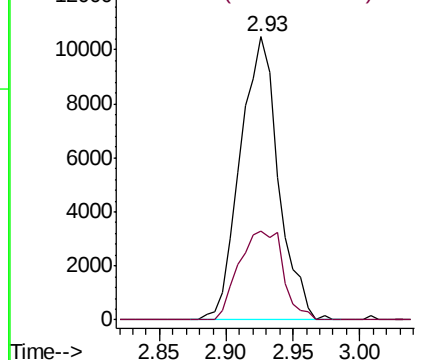
64 100

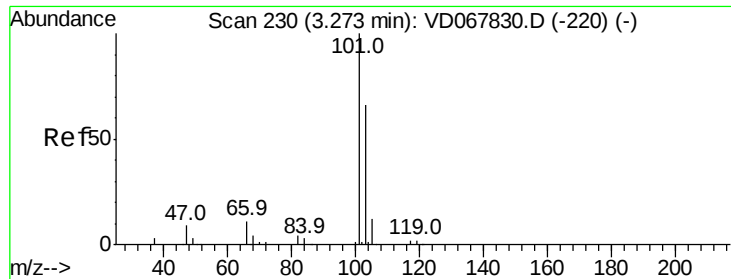
66 31.4 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



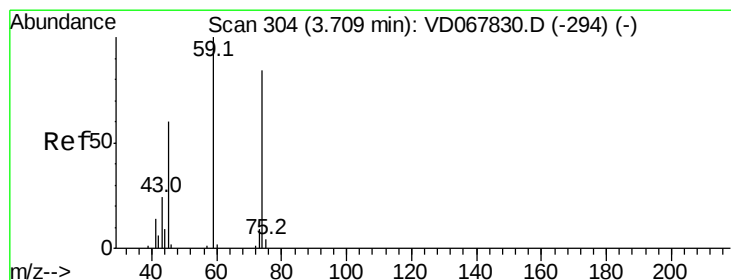
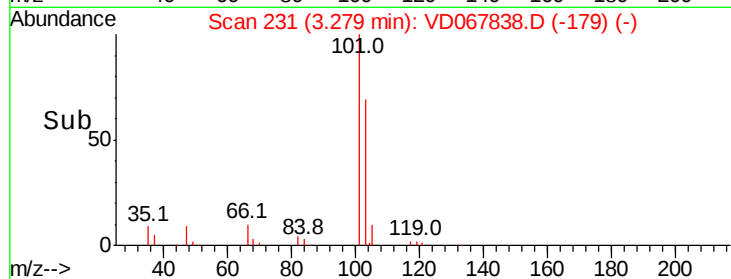
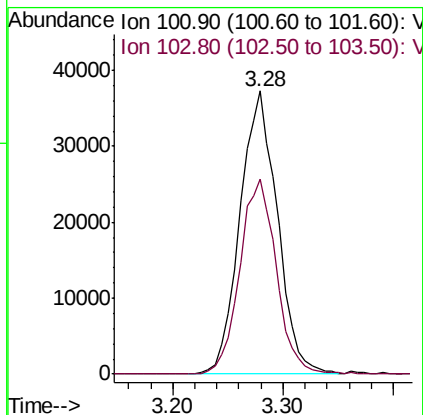
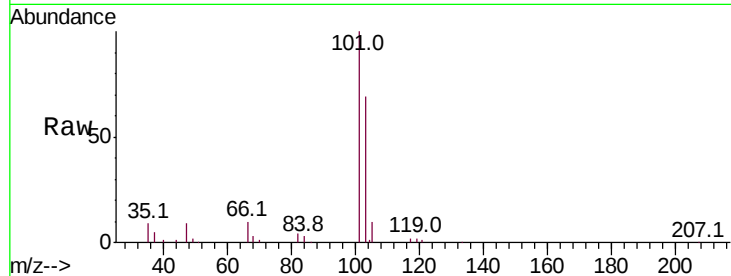


#7

Trichlorofluoromethane
 Concen: 19.210 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Instrument :
 MSVOA_D
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 VD1202SBS01

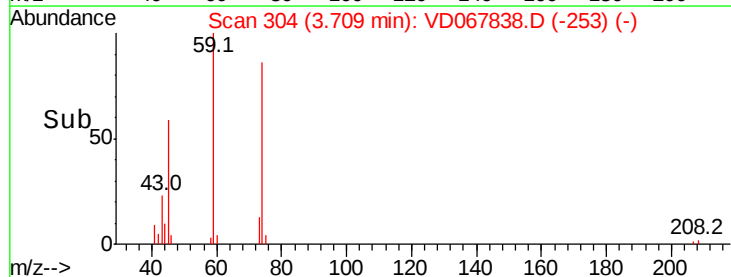
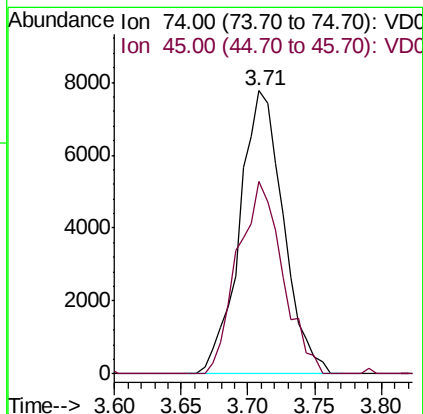
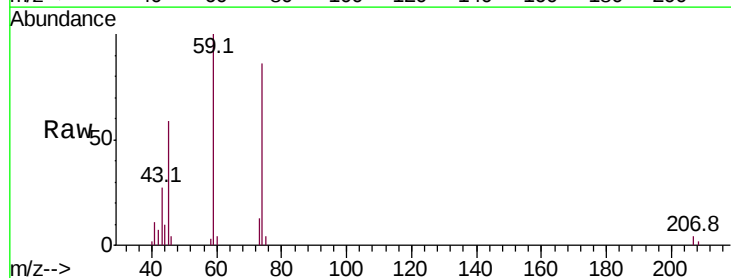
Tot Ion:101 Resp: 88755
 Ion Ratio Lower Upper
 101 100
 103 69.0 53.0 79.6

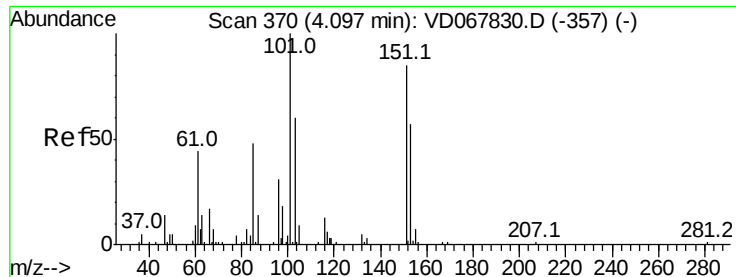


#8

Diethyl Ether
 Concen: 19.552 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Tgt Ion: 74 Resp: 17607
 Ion Ratio Lower Upper
 74 100
 45 70.1 33.9 101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.891 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBS01

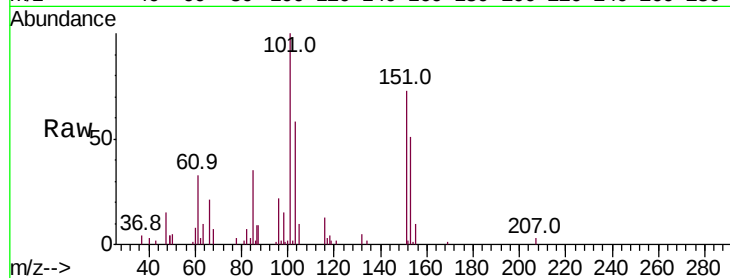
Tot Ion:101 Resp: 41906

Ion Ratio Lower Upper

101 100

85 44.1 36.2 54.4

151 85.7 69.4 104.2

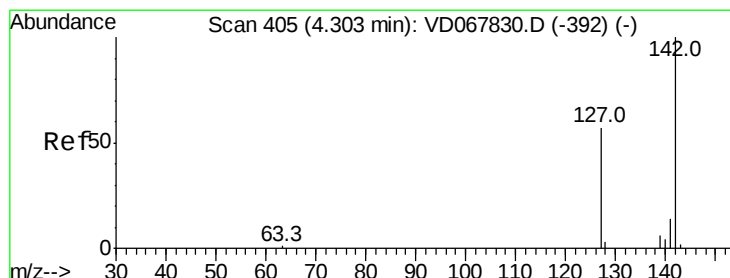
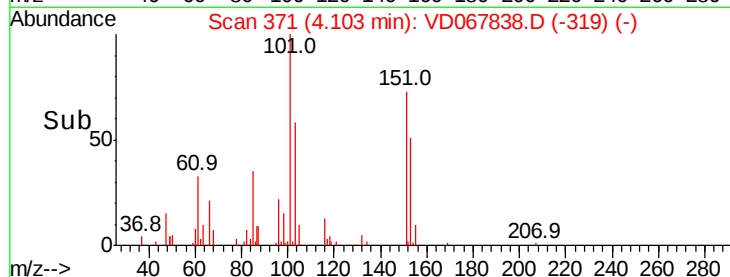
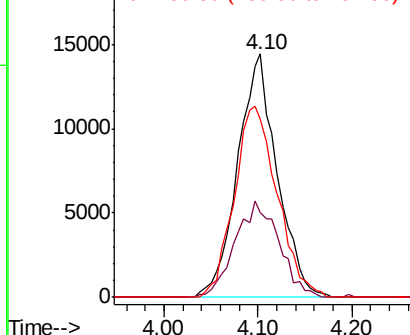


Abundance

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: 12.269 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

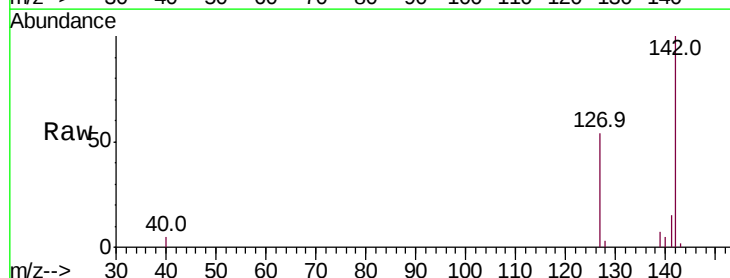
Tgt Ion:142 Resp: 27397

Ion Ratio Lower Upper

142 100

127 52.2 43.9 65.9

141 14.9 12.2 18.2

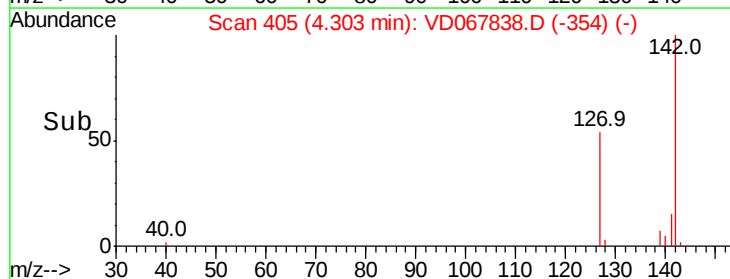
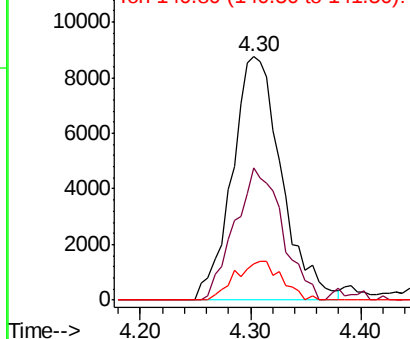


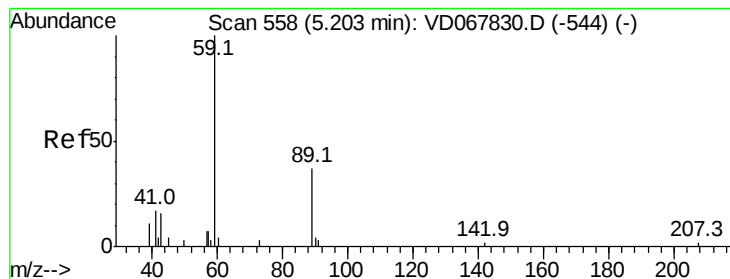
Abundance

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



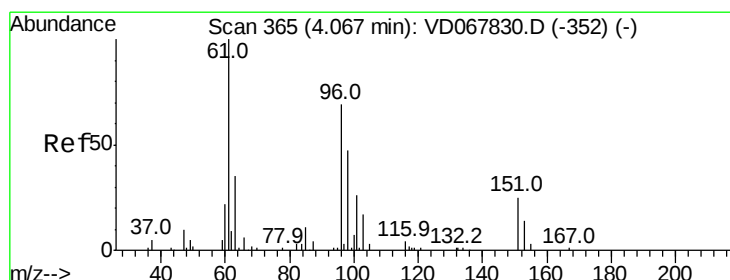
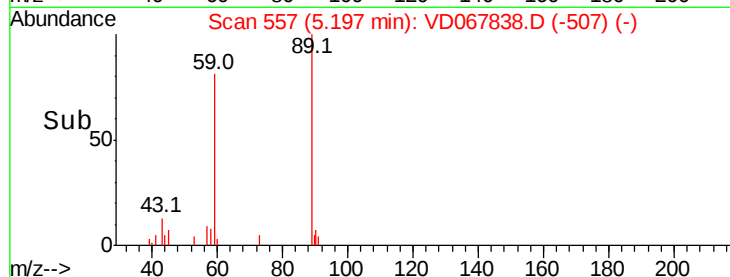
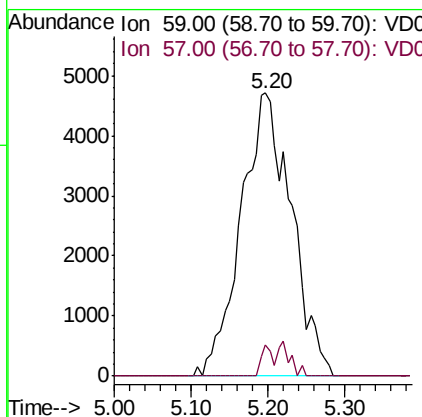
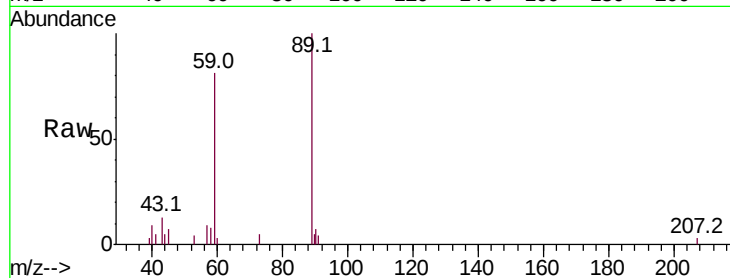


#11

Tert butyl alcohol
 Concen: 135.773 ug/l
 RT: 5.20 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBS01

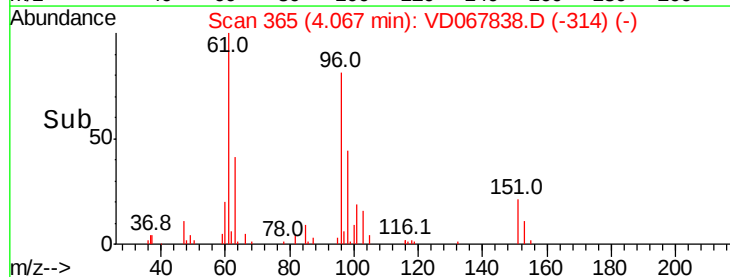
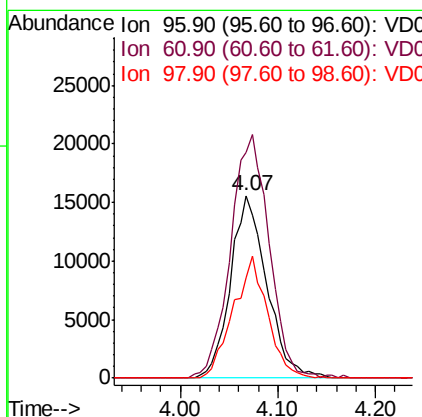
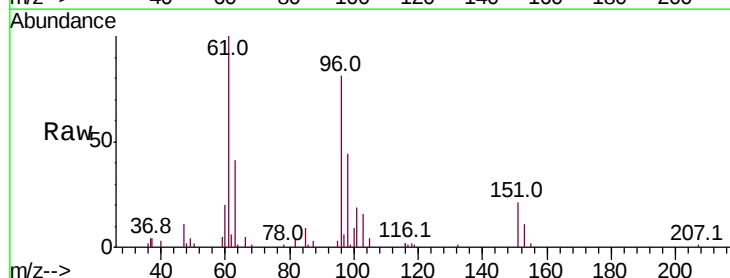
Tot Ion: 59 Resp: 21343
 Ion Ratio Lower Upper
 59 100
 57 2.4 7.7 11.5#

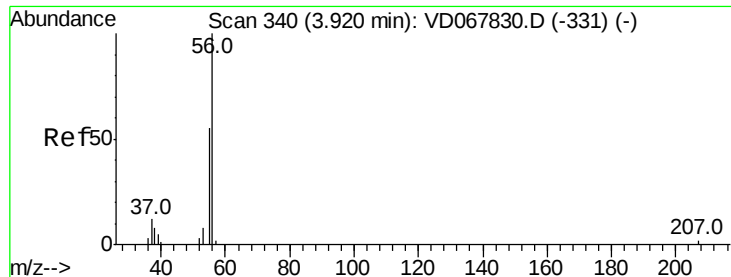


#12

1,1-Dichloroethene
 Concen: 20.311 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Tgt Ion: 96 Resp: 40174
 Ion Ratio Lower Upper
 96 100
 61 124.2 116.1 174.1
 98 54.8 54.6 82.0





#13

Acrolein

Concen: 80.601 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

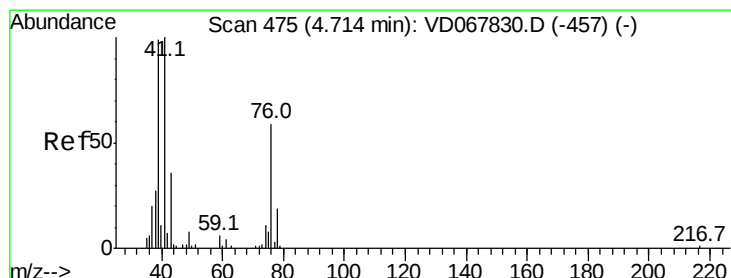
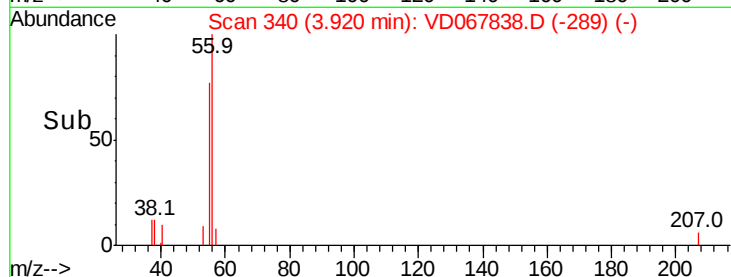
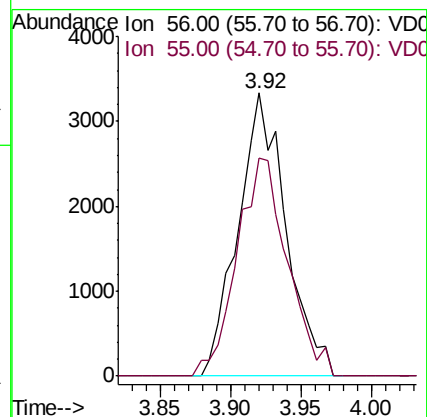
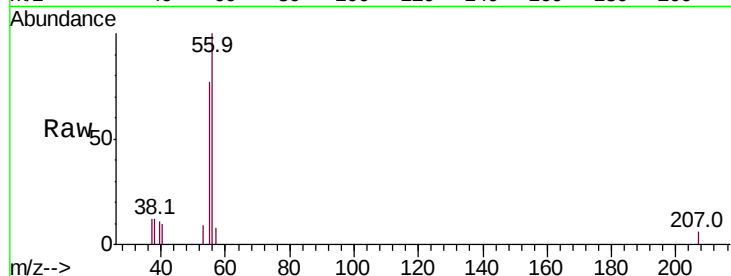
VD1202SBS01

Tot Ion: 56 Resp: 7937

Ion Ratio Lower Upper

56 100

55 81.1 56.5 84.7



#14

Allyl chloride

Concen: 21.060 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

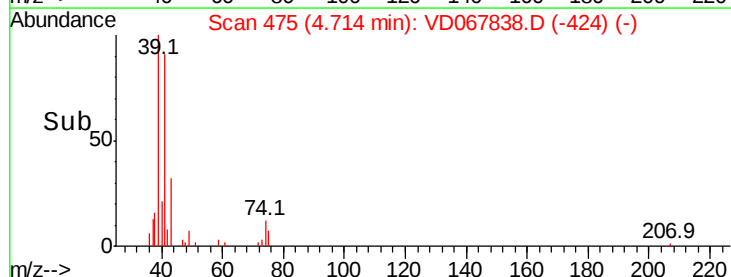
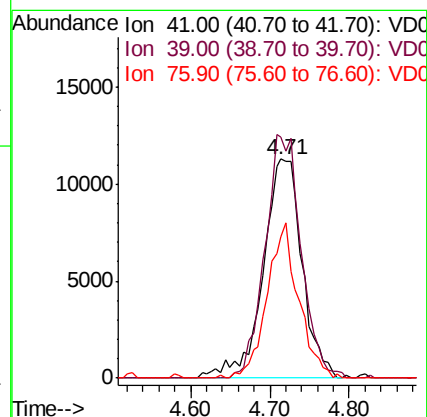
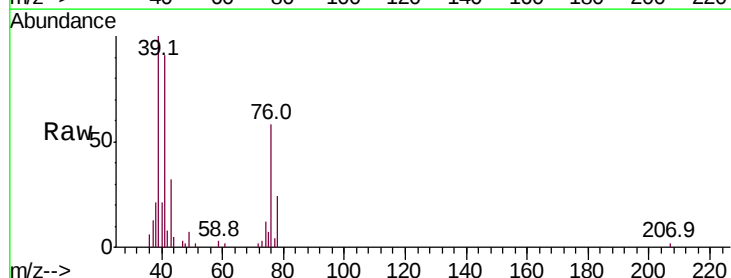
Tgt Ion: 41 Resp: 38536

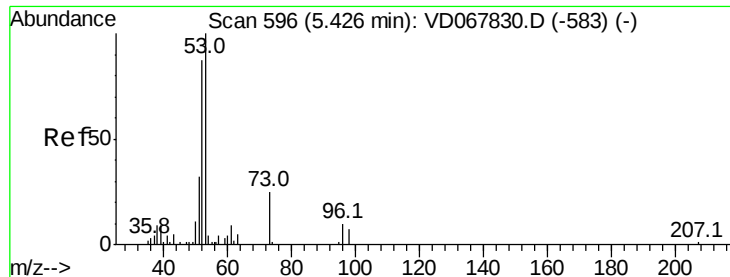
Ion Ratio Lower Upper

41 100

39 102.9 79.0 118.6

76 57.1 46.6 70.0





#15

Acrylonitrile

Concen: 99.038 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBS01

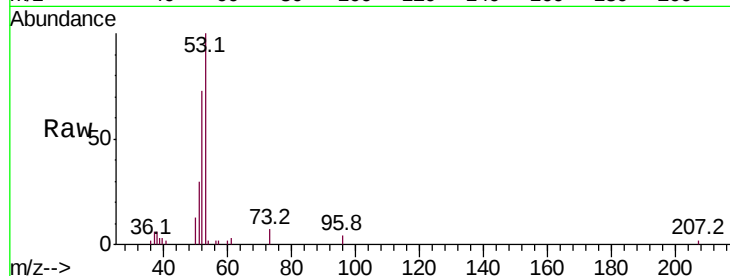
Tot Ion: 53 Resp: 30924

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

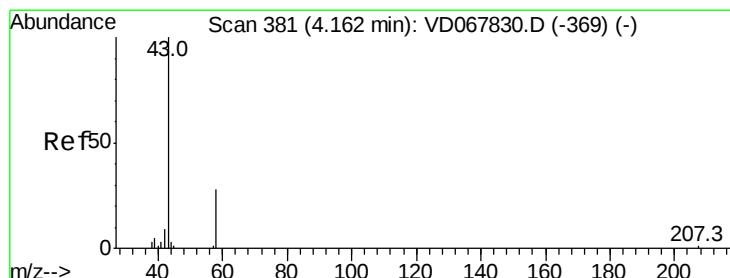
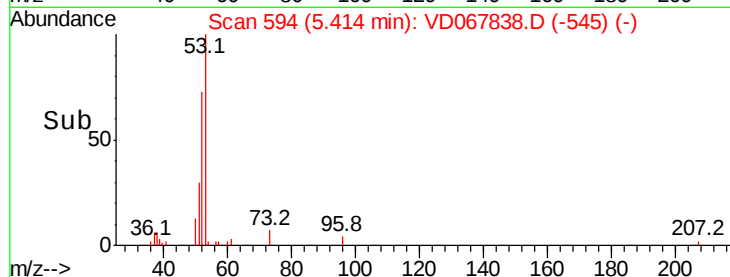
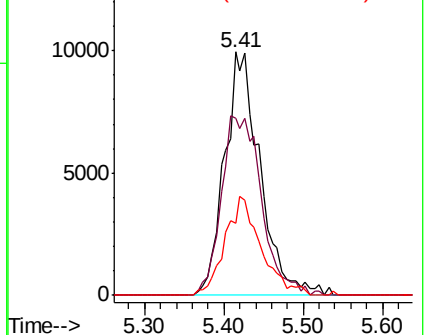
51 41.0 31.1 46.7



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 91.288 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067838.D

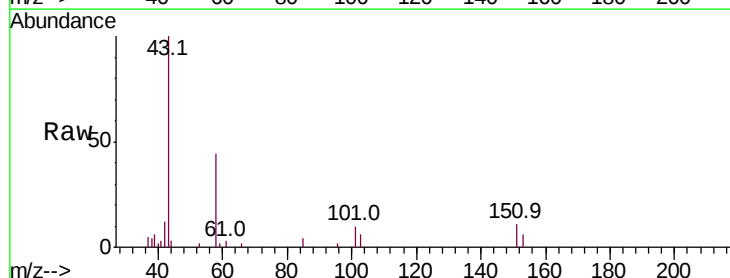
Acq: 02 Dec 2020 16:27

Tgt Ion: 43 Resp: 28906

Ion Ratio Lower Upper

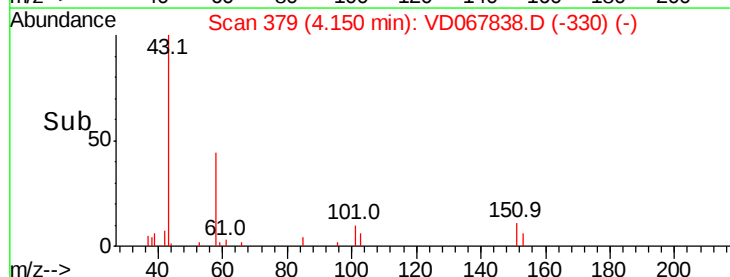
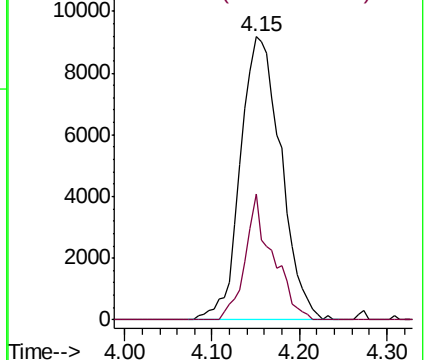
43 100

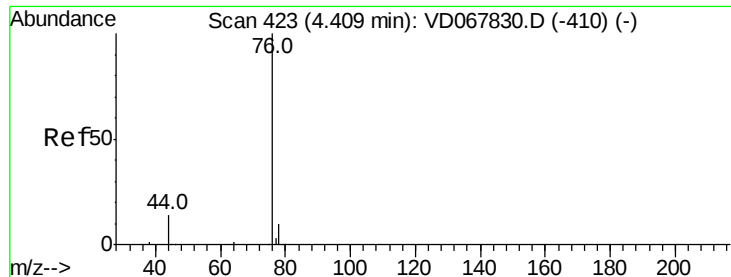
58 44.3 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

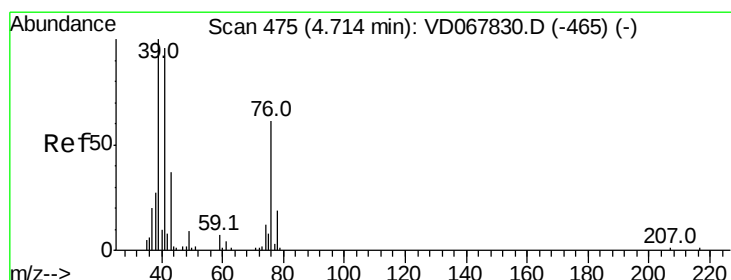
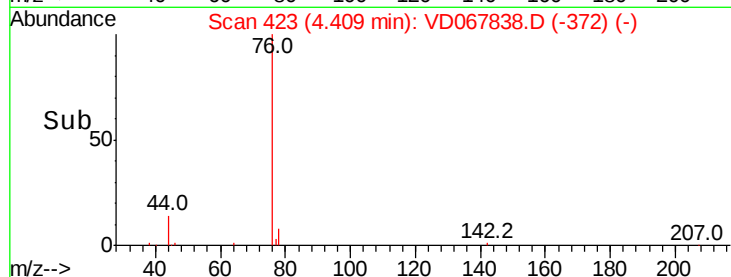
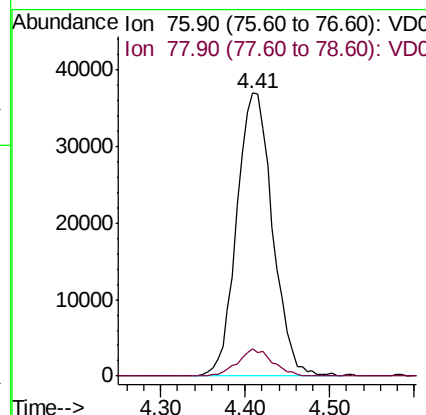
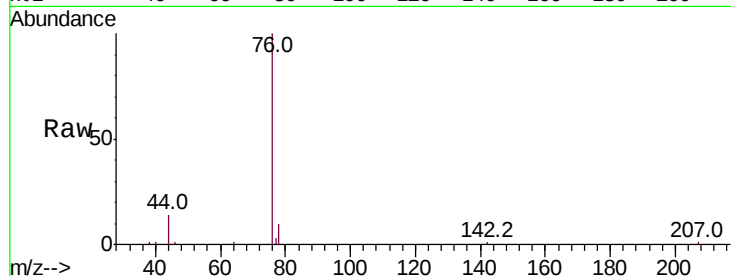




#17
Carbon Disulfide
Concen: 19.641 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

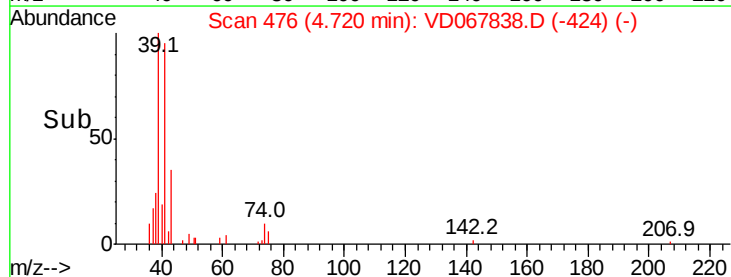
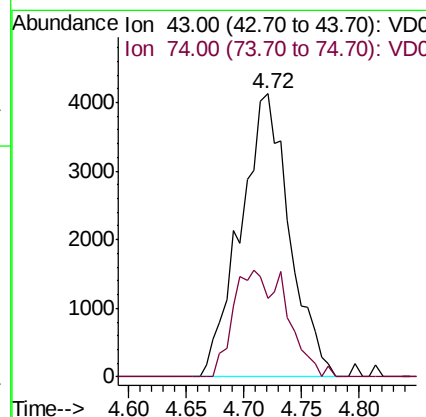
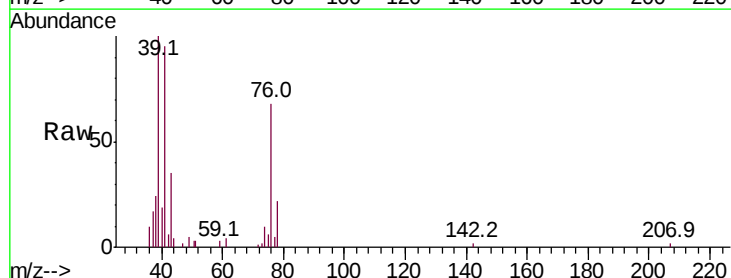
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

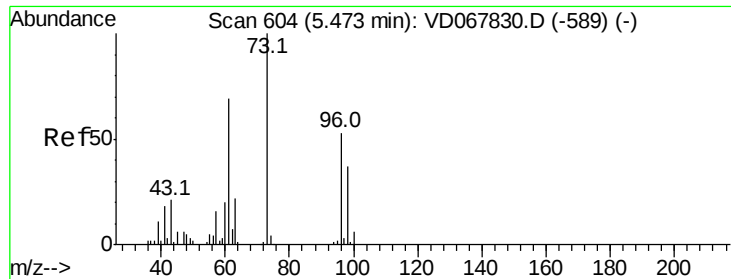
Tot Ion: 76 Resp: 108468
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6



#18
Methyl Acetate
Concen: 20.132 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion: 43 Resp: 12222
Ion Ratio Lower Upper
43 100
74 40.9 27.0 40.4#



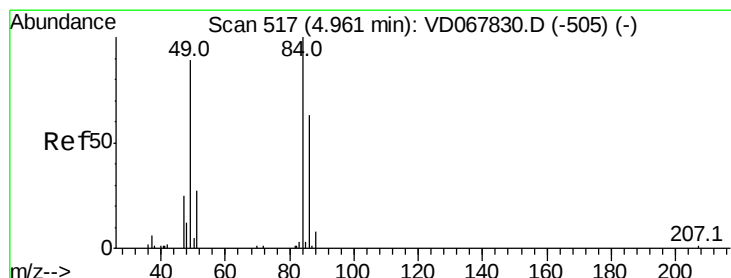
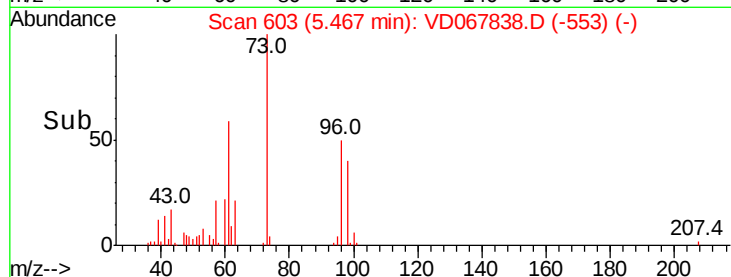
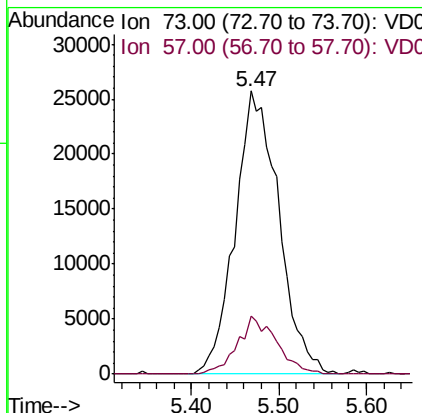
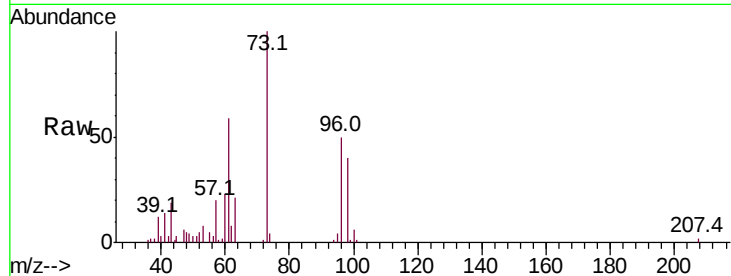


#19

Methyl tert-butyl Ether
 Concen: 20.646 ug/l
 RT: 5.47 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBS01

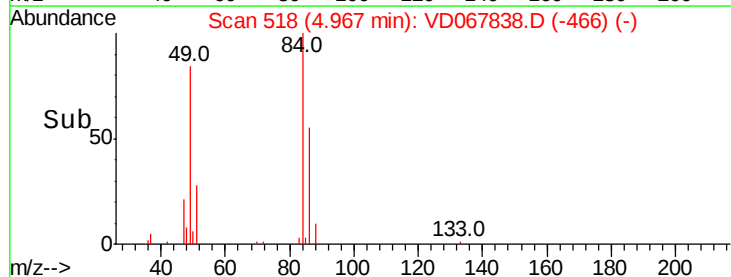
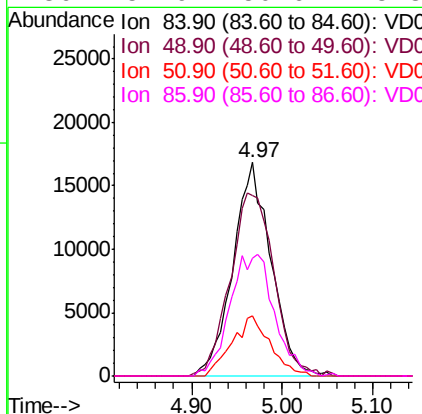
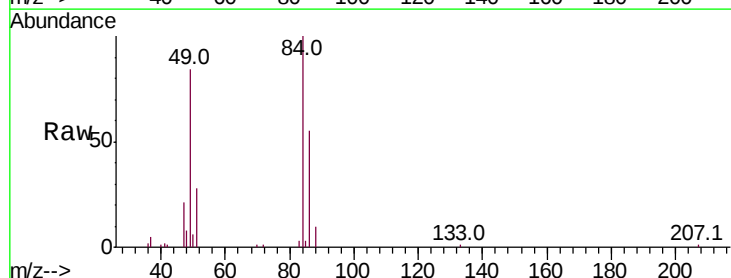
Tot Ion: 73 Resp: 87444
 Ion Ratio Lower Upper
 73 100
 57 20.4 13.2 19.8#

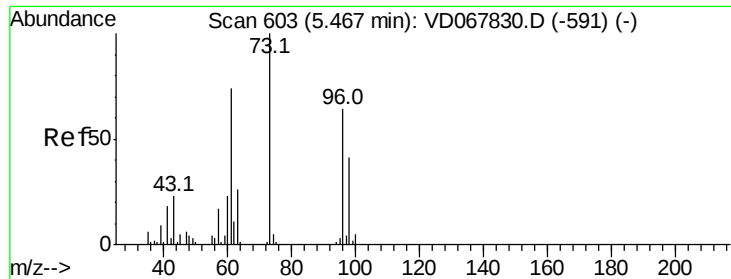


#20

Methylene Chloride
 Concen: 21.759 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Tgt Ion: 84 Resp: 49389
 Ion Ratio Lower Upper
 84 100
 49 84.3 71.4 107.0
 51 27.9 21.8 32.8
 86 54.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.408 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBS01

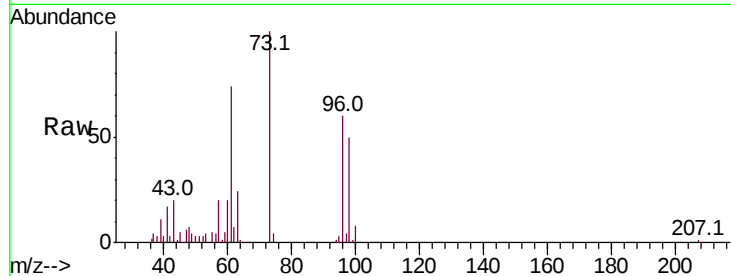
Tot Ion: 96 Resp: 45933

Ion Ratio Lower Upper

96 100

61 122.9 93.1 139.7

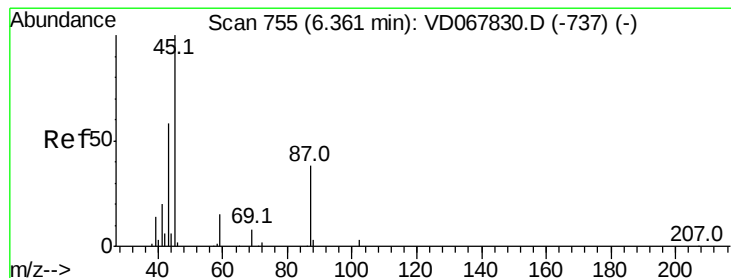
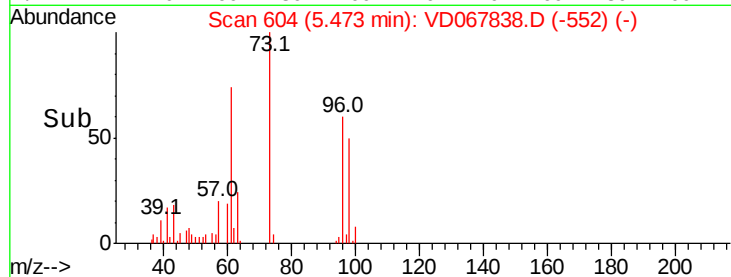
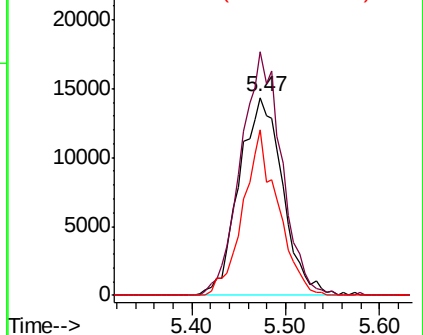
98 83.3 52.2 78.2#



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: 21.396 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Tgt Ion: 45 Resp: 78743

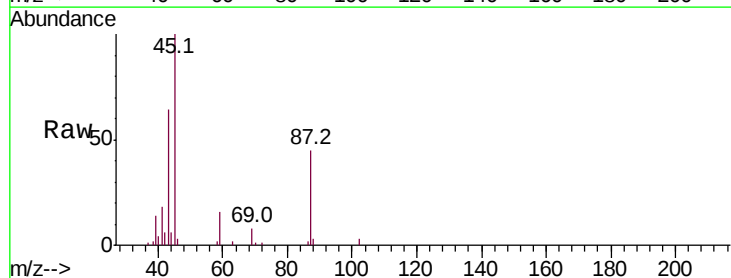
Ion Ratio Lower Upper

45 100

43 61.7 49.8 74.6

87 44.7 32.1 48.1

59 16.3 11.9 17.9

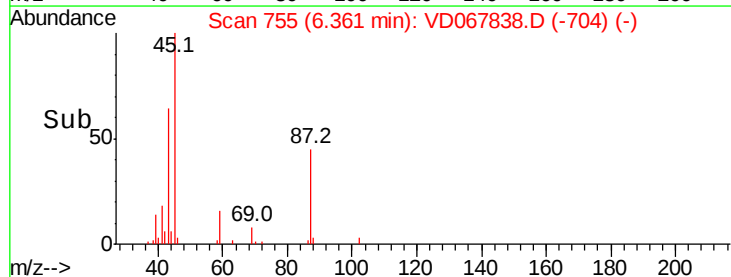
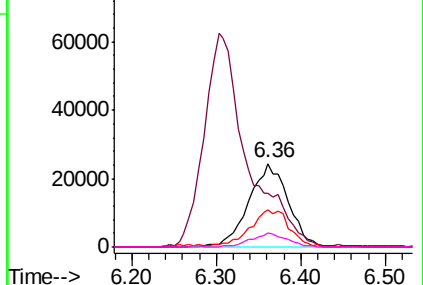


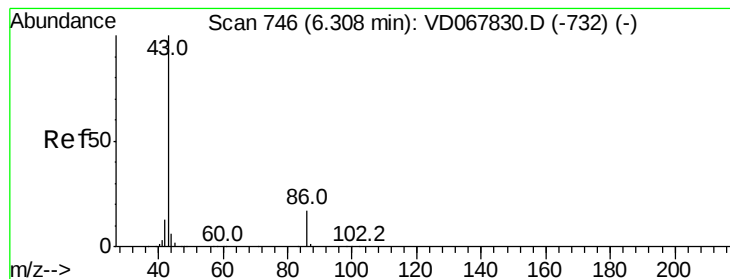
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 108.628 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

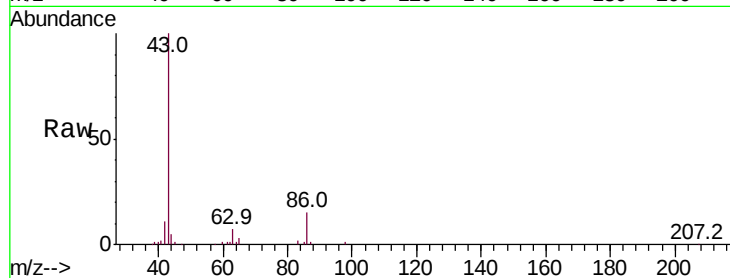
VD1202SBSD01

Tot Ion: 43 Resp: 222401

Ion Ratio Lower Upper

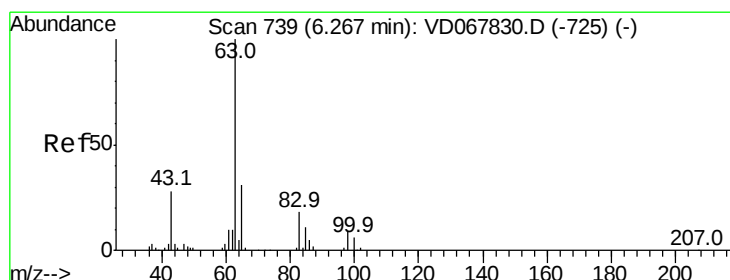
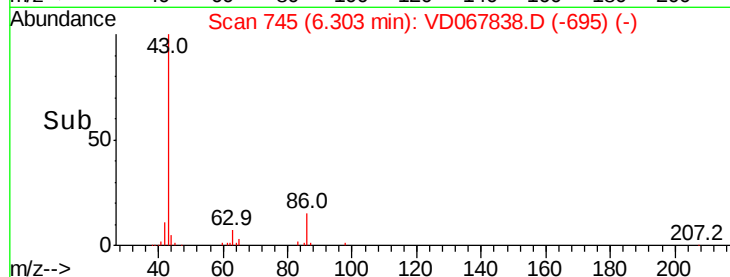
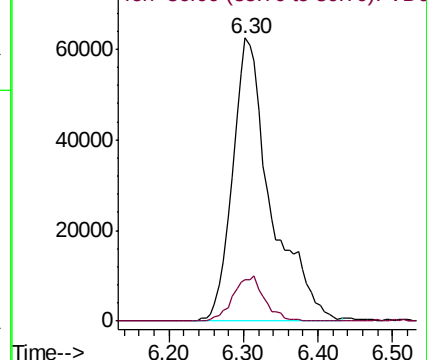
43 100

86 14.8 13.8 20.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.387 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

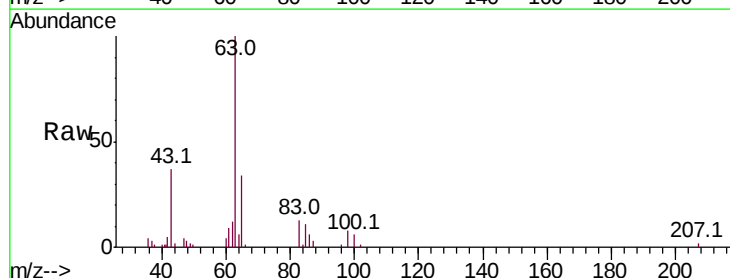
Tgt Ion: 63 Resp: 65771

Ion Ratio Lower Upper

63 100

98 8.3 4.5 13.5

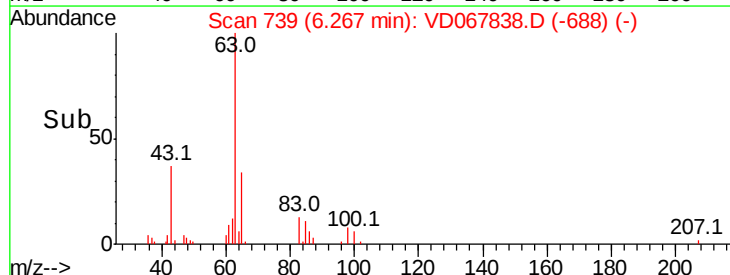
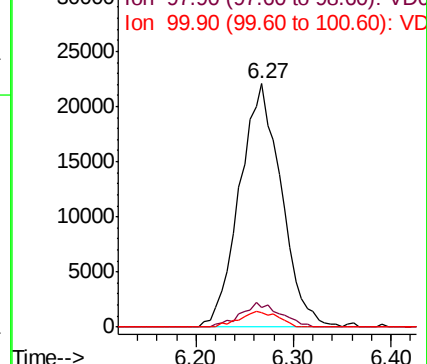
100 6.0 3.0 9.2

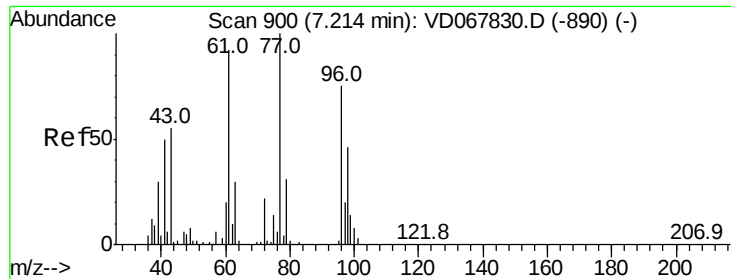


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

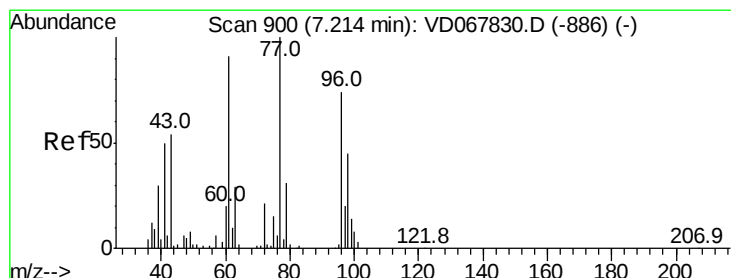
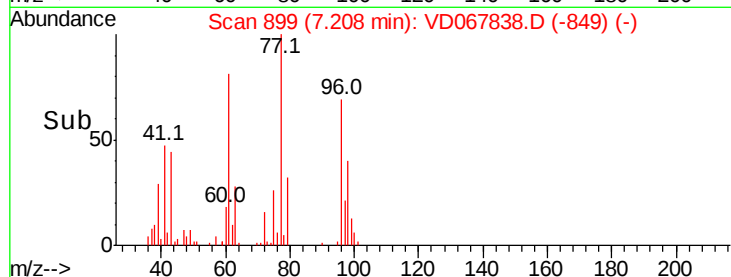
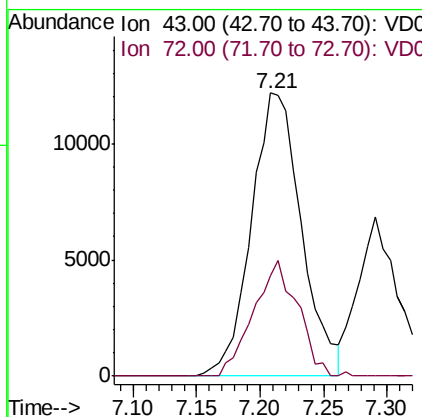
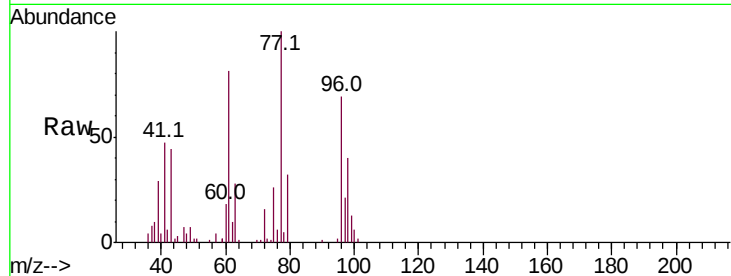




#25
2-Butanone
Concen: 100.708 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

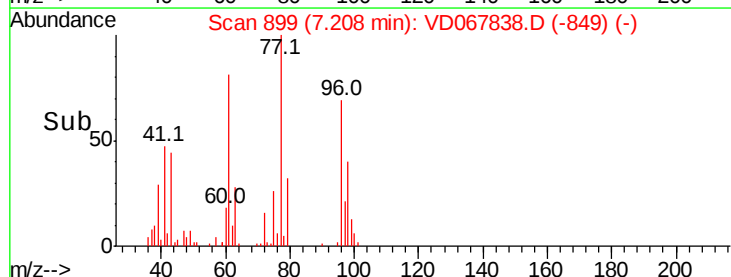
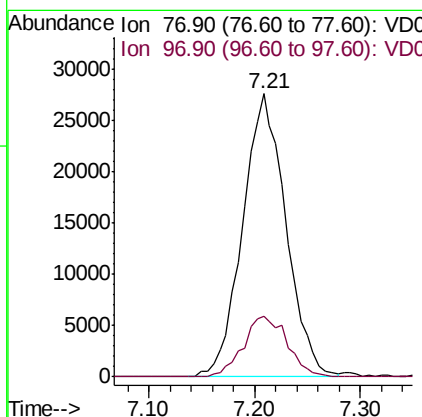
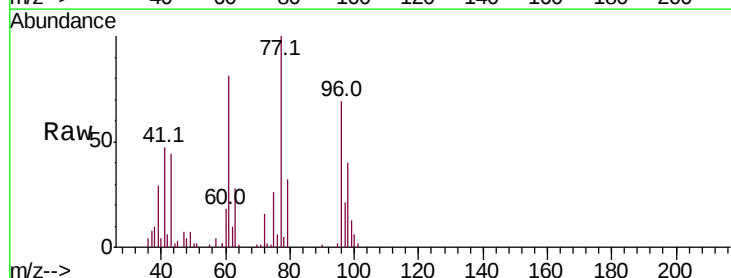
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

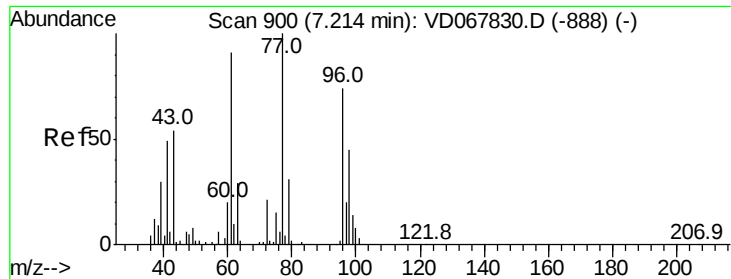
Tot Ion: 43 Resp: 33541
Ion Ratio Lower Upper
43 100
72 35.6 31.3 46.9



#26
2,2-Dichloropropane
Concen: 20.403 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion: 77 Resp: 78491
Ion Ratio Lower Upper
77 100
97 21.7 11.1 33.1



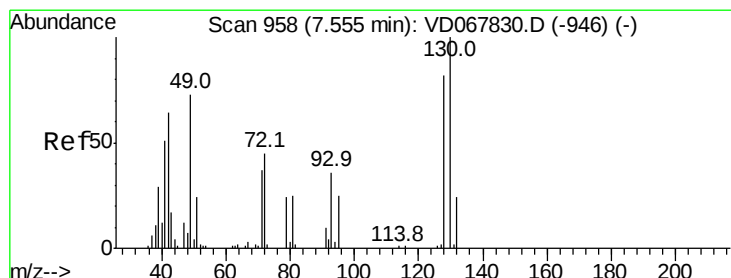
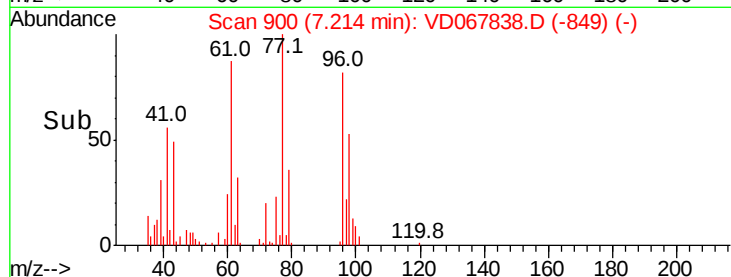
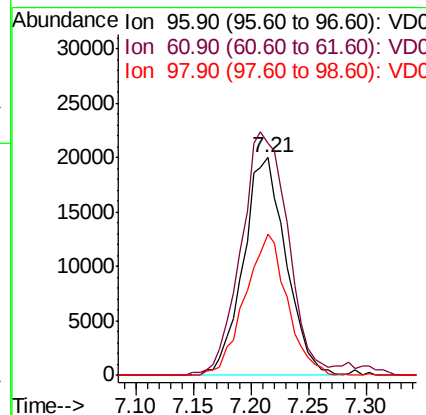
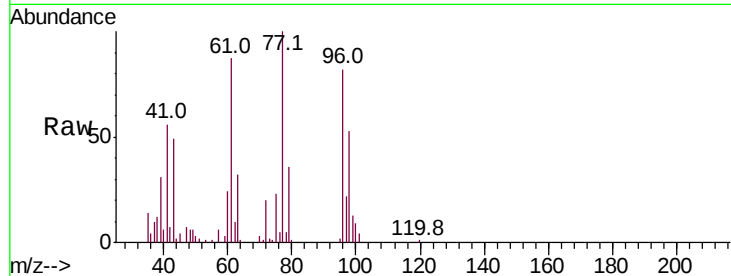


#27

cis-1,2-Dichloroethene
 Concen: 20.902 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBSD01

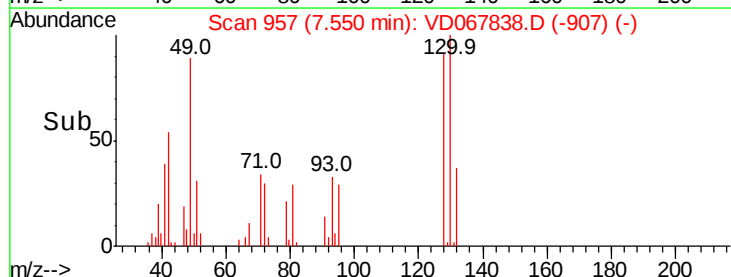
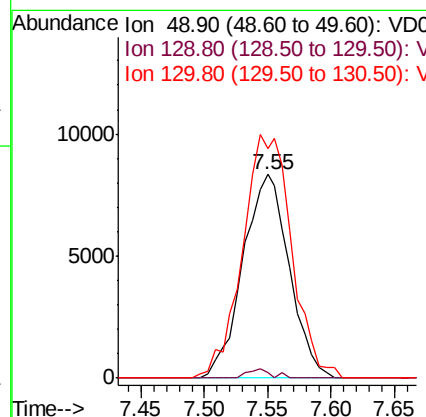
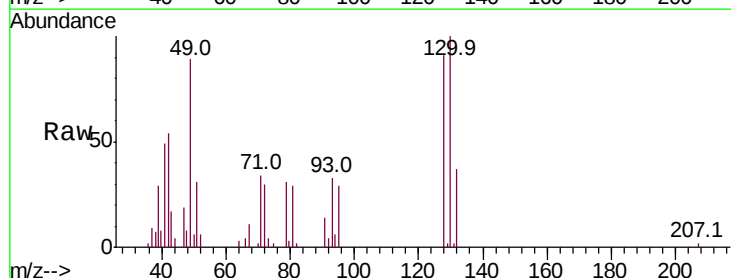
Tot Ion: 96 Resp: 51457
 Ion Ratio Lower Upper
 96 100
 61 122.9 0.0 248.4
 98 64.1 0.0 127.4

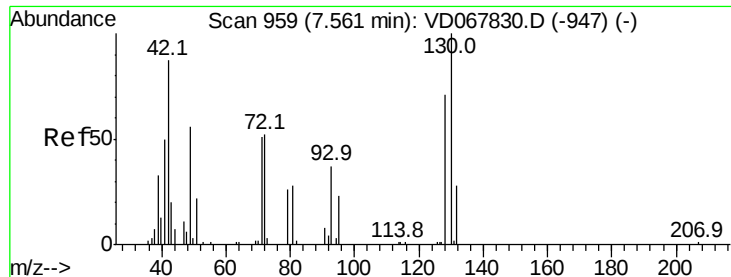


#28

Bromochloromethane
 Concen: 20.668 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Tgt Ion: 49 Resp: 21170
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.4
 130 126.5 110.2 165.2

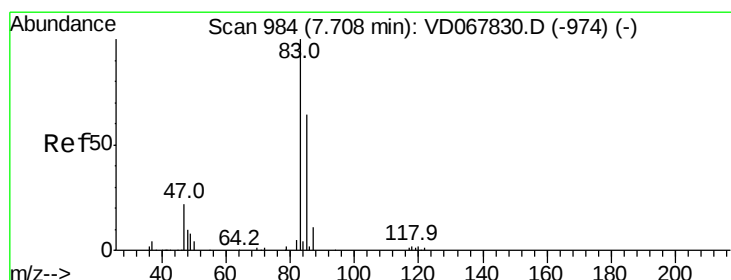
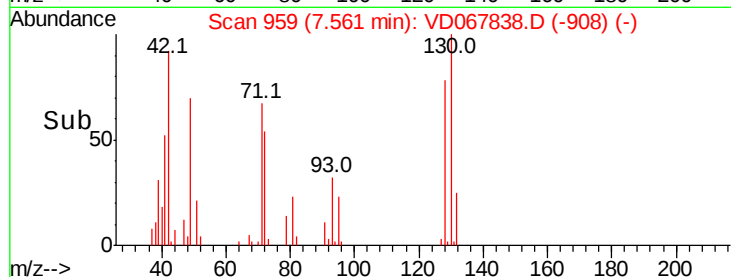
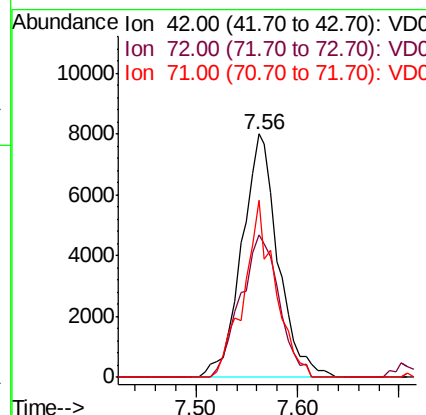
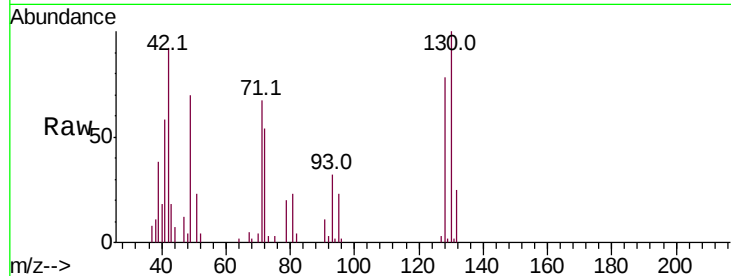




#29
Tetrahydrofuran
Concen: 105.108 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

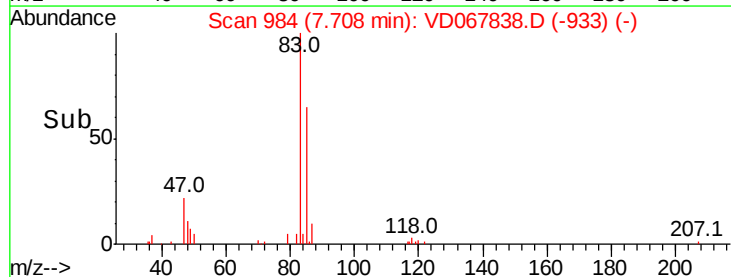
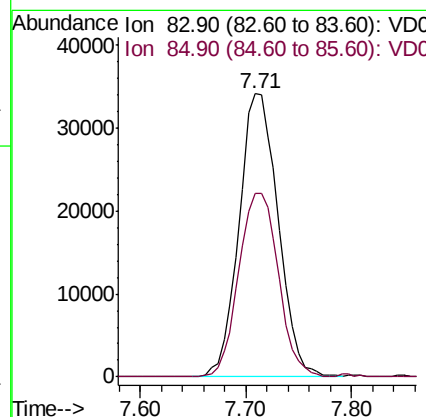
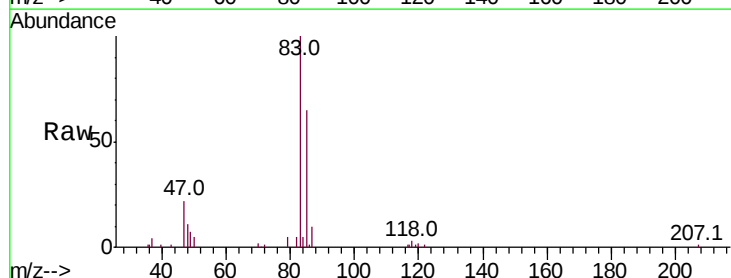
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

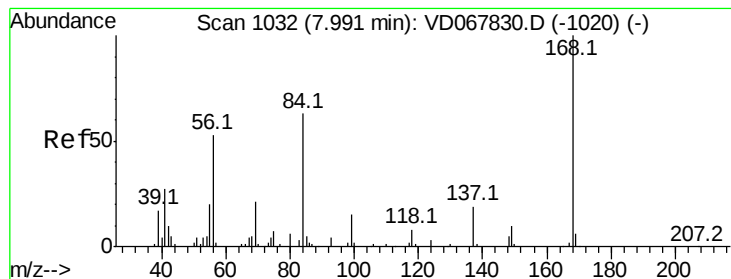
Tot Ion: 42 Resp: 19932
Ion Ratio Lower Upper
42 100
72 62.0 51.9 77.9
71 62.6 48.2 72.4



#30
Chloroform
Concen: 20.321 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion: 83 Resp: 87608
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.4





#31

Cyclohexane

Concen: 19.637 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBS01

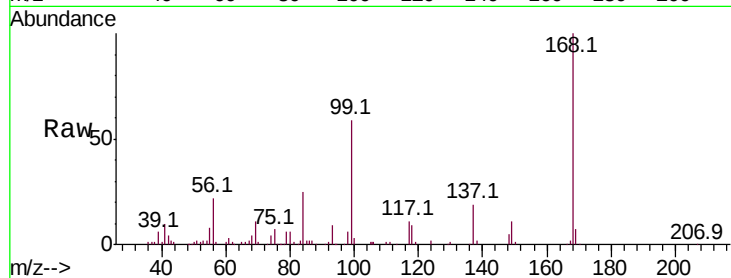
Tot Ion: 56 Resp: 53014

Ion Ratio Lower Upper

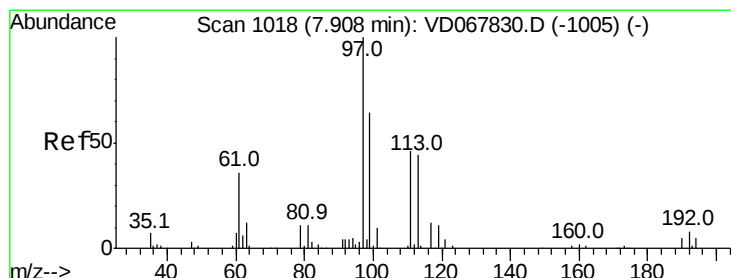
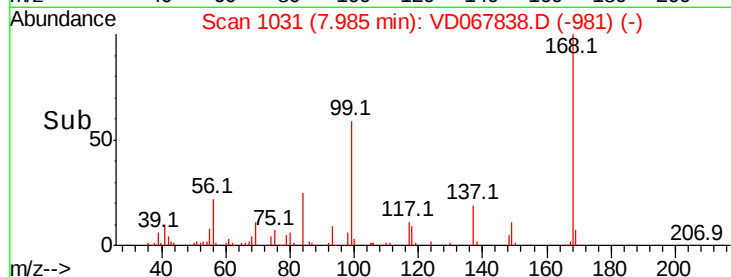
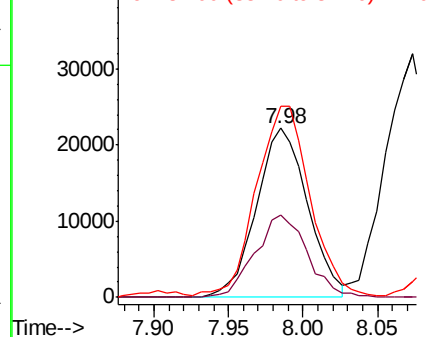
56 100

69 49.1 32.1 48.1#

84 111.8 93.2 139.8



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: 20.107 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

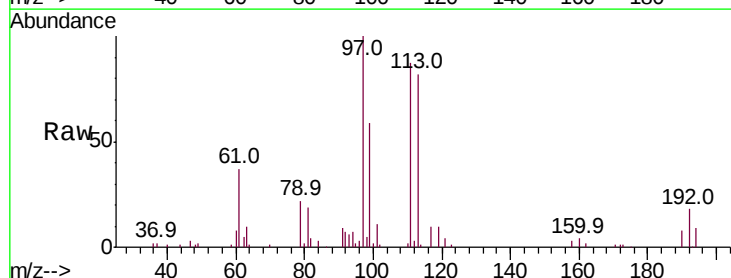
Tgt Ion: 97 Resp: 91509

Ion Ratio Lower Upper

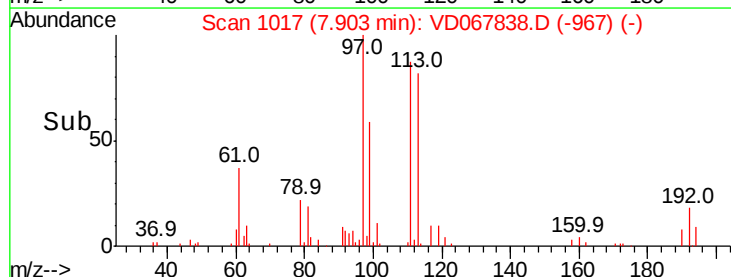
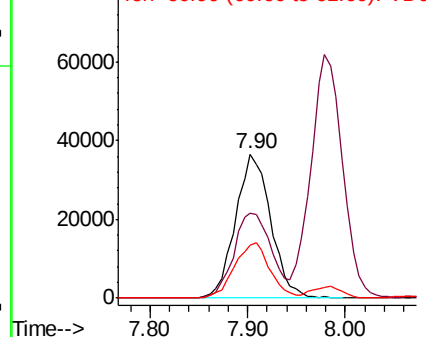
97 100

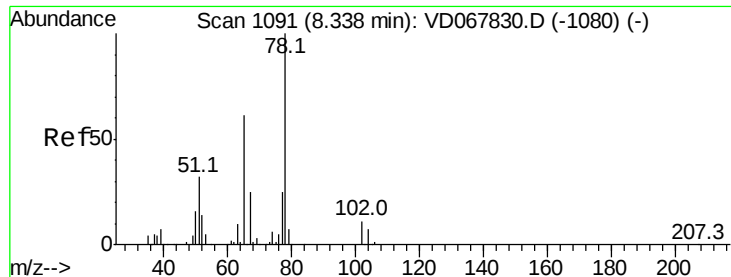
99 64.4 51.4 77.2

61 38.6 30.8 46.2



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





#33

1,2-Dichloroethane-d4

Concen: 48.736 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

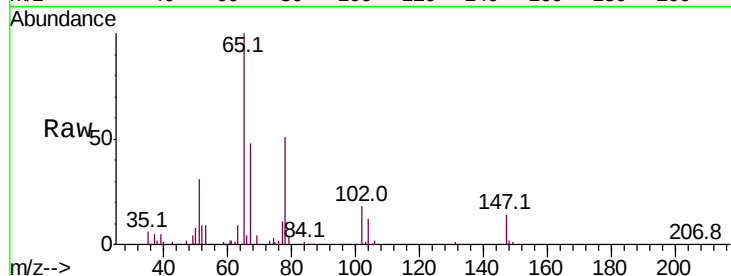
VD1202SBSD01

Tot Ion: 65 Resp: 124885

Ion Ratio Lower Upper

65 100

67 47.8 0.0 92.0



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

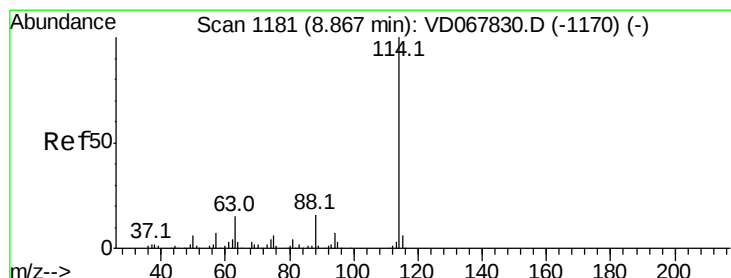
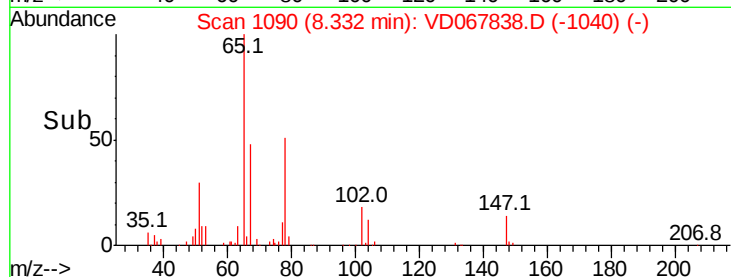
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

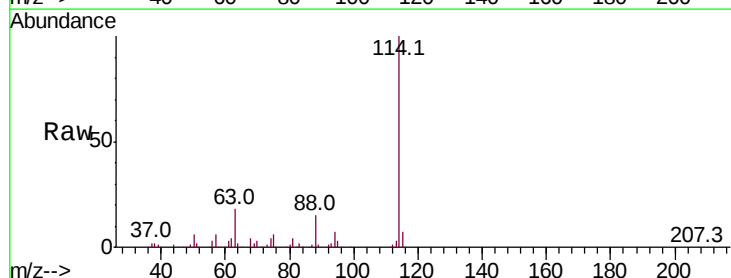
Tgt Ion: 114 Resp: 356663

Ion Ratio Lower Upper

114 100

63 17.8 0.0 30.8

88 15.5 0.0 31.8



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

200000

150000

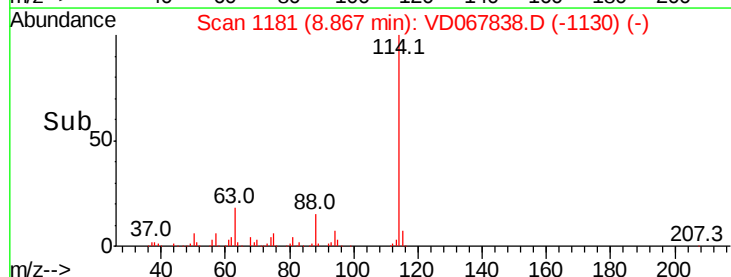
100000

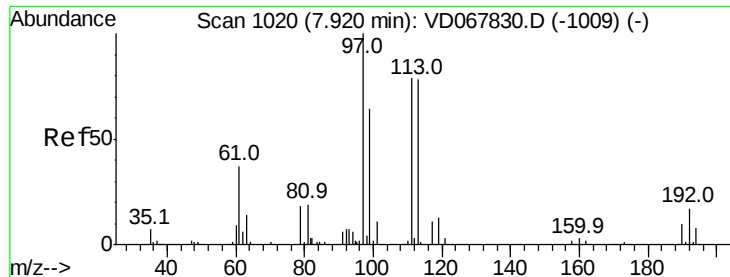
50000

0

8.80 8.90 9.00

Time-->

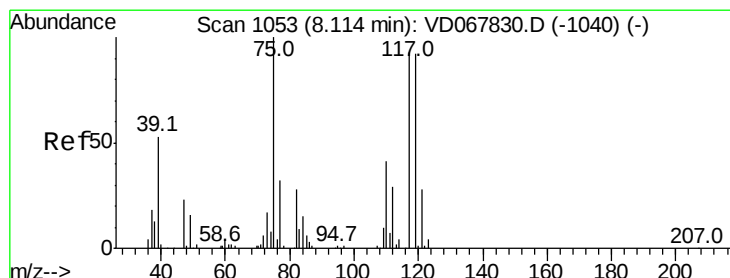
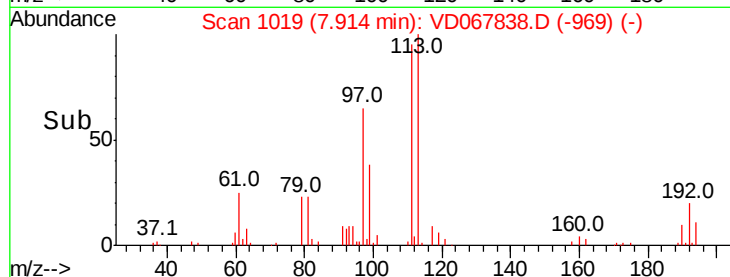
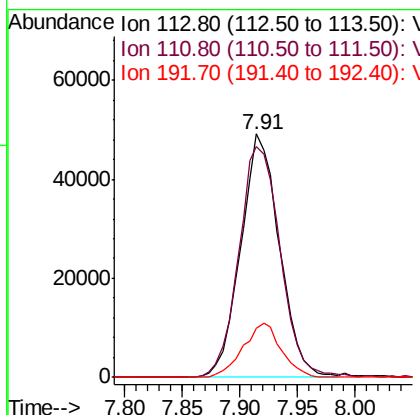
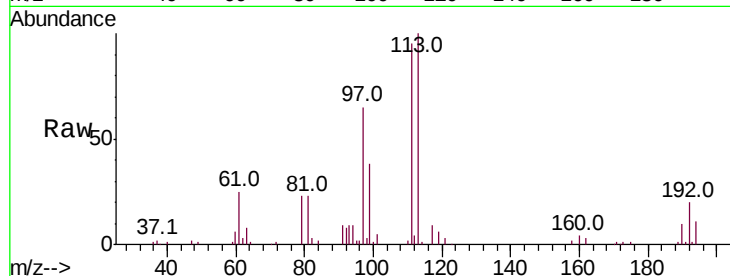




#35
 Dibromofluoromethane
 Concen: 47.989 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

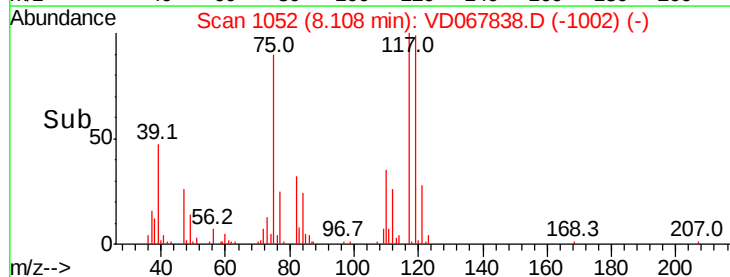
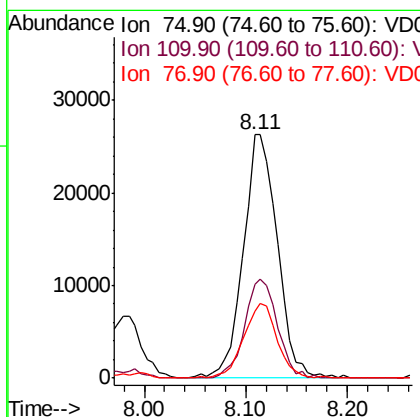
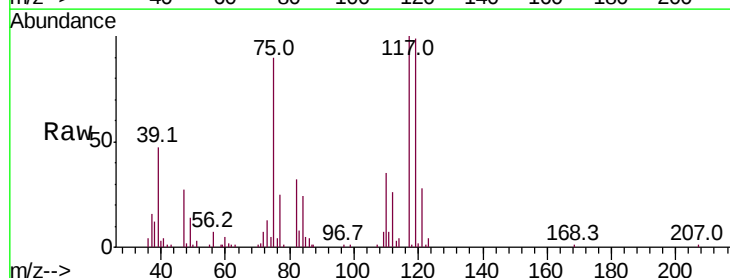
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBS01

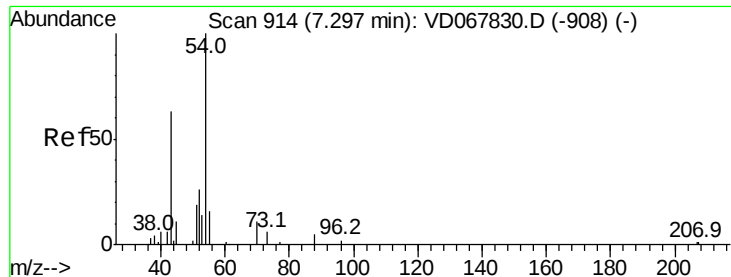
Tot Ion:113 Resp: 114529
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.2 121.8
 192 22.0 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 19.896 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Tgt Ion: 75 Resp: 61431
 Ion Ratio Lower Upper
 75 100
 110 38.8 20.3 61.0
 77 30.2 24.7 37.1

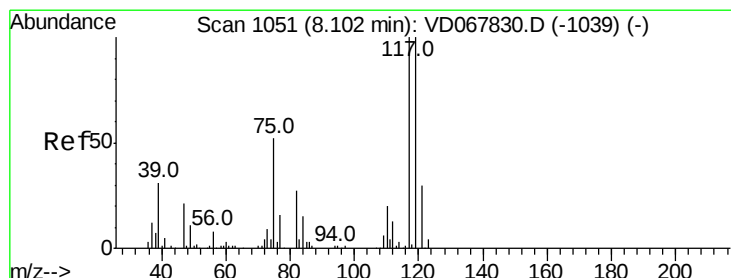
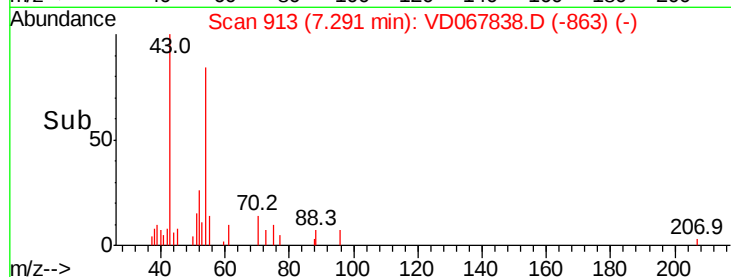
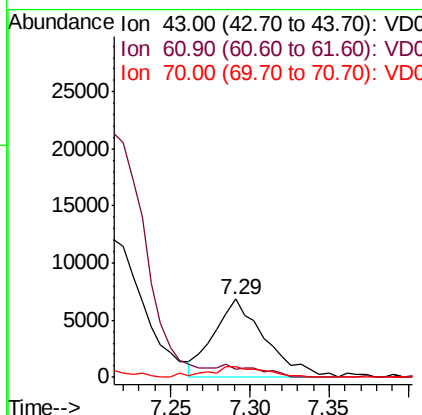
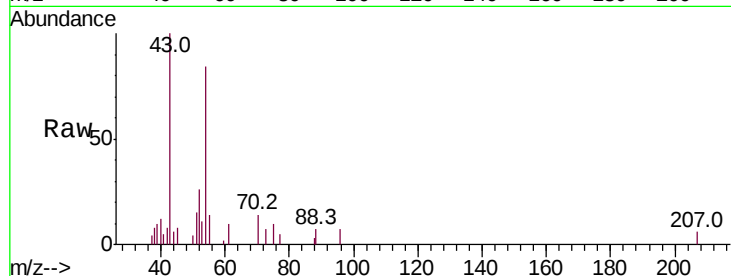




#37
Ethyl Acetate
Concen: 18.463 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

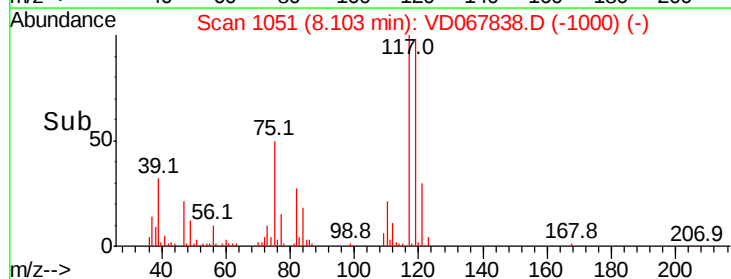
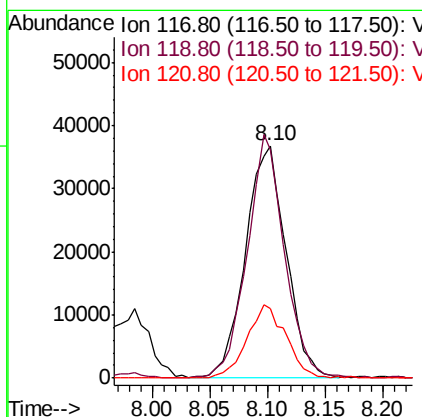
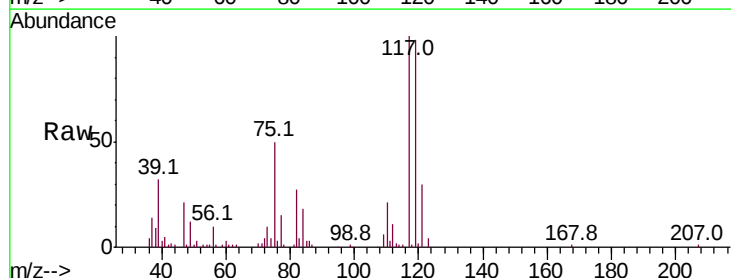
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBS01

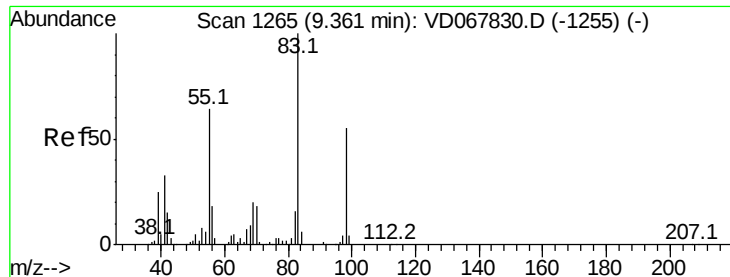
Tot Ion: 43 Resp: 15364
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 15.4 11.5 17.3



#38
Carbon Tetrachloride
Concen: 19.397 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion: 117 Resp: 90615
Ion Ratio Lower Upper
117 100
119 98.3 79.7 119.5
121 30.0 23.8 35.6

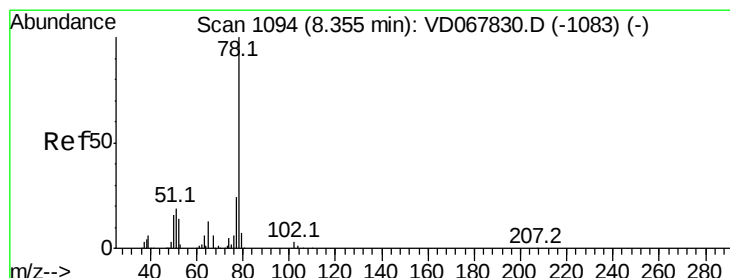
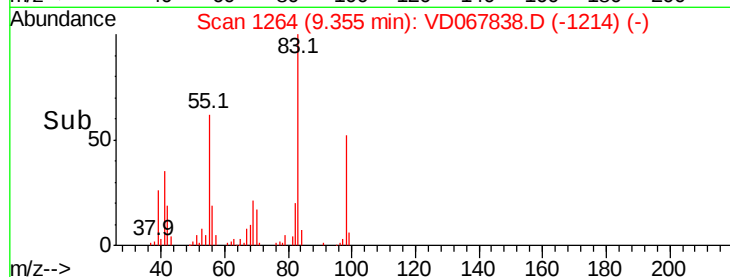
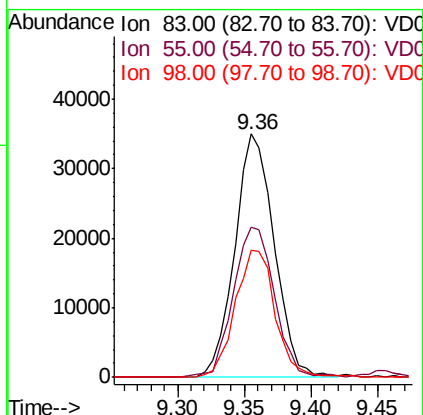
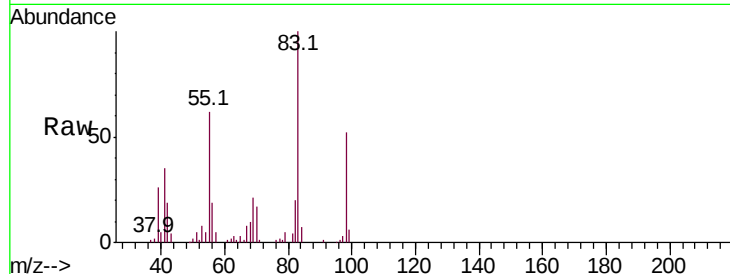




#39
Methvlcvclohexane
Concen: 19.591 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

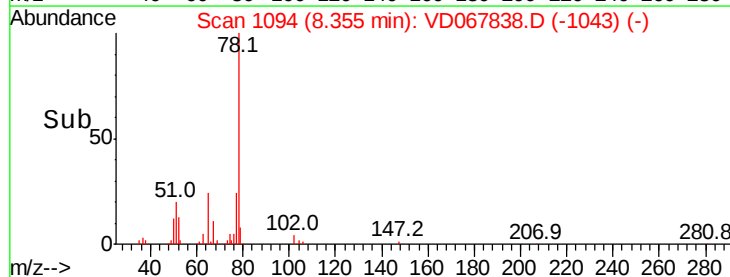
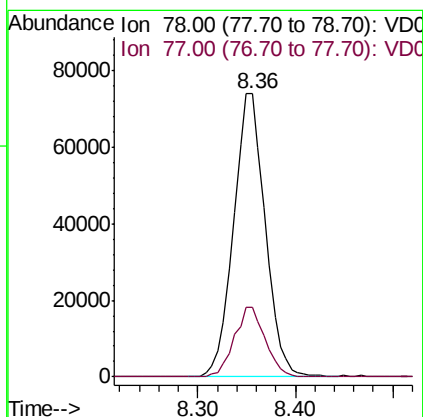
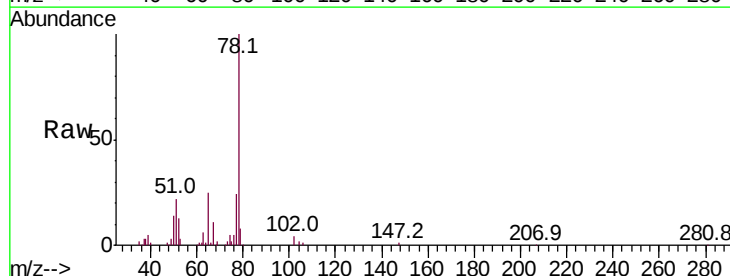
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

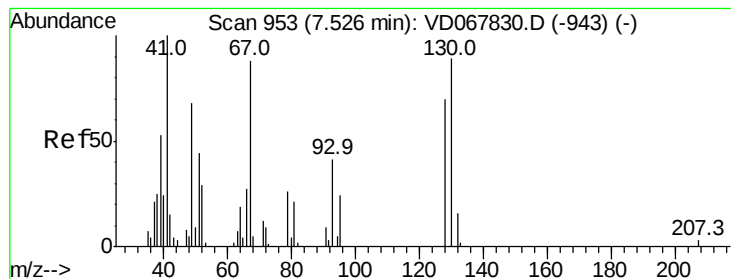
Tot Ion	83	Resp	71683
Ion Ratio	Lower	Upper	
83	100		
55	61.2	51.6	77.4
98	52.3	44.3	66.5



#40
Benzene
Concen: 19.742 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion	78	Resp	166790
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.1	28.7





#41

Methacrylonitrile

Concen: 13.338 ug/l

RT: 7.51 min Scan# 951

Delta R.T. -0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBS01

Tot Ion: 41 Resp: 6568

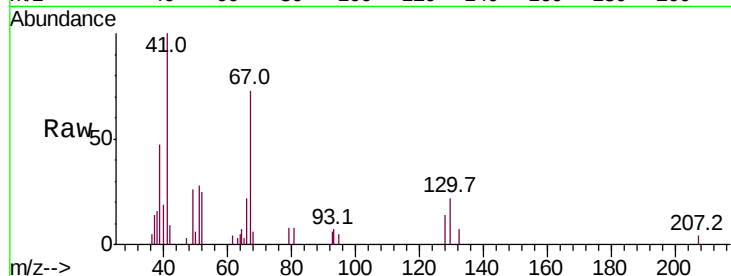
Ion Ratio Lower Upper

41 100

39 0.0 42.1 63.1#

67 139.7 82.4 123.6#

52 64.0 30.6 45.8#

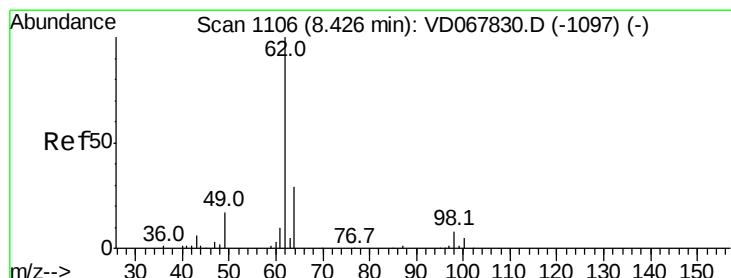
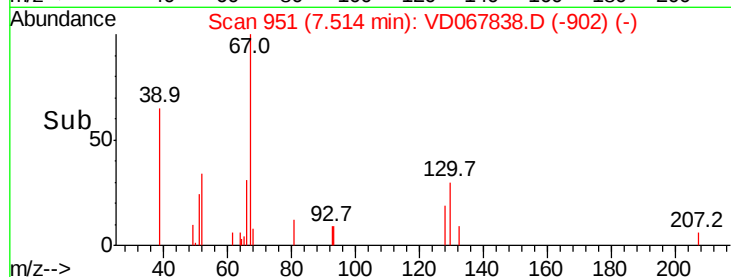
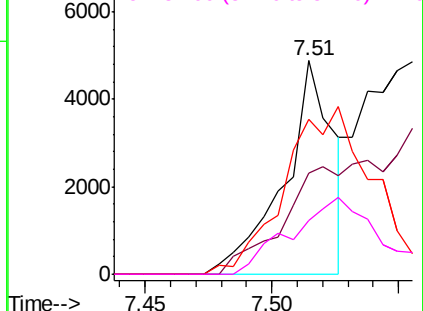


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 20.038 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067838.D

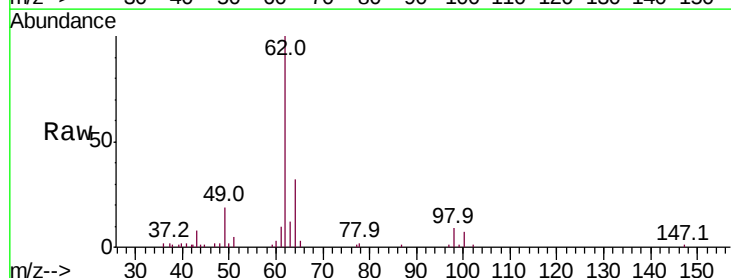
Acq: 02 Dec 2020 16:27

Tgt Ion: 62 Resp: 60338

Ion Ratio Lower Upper

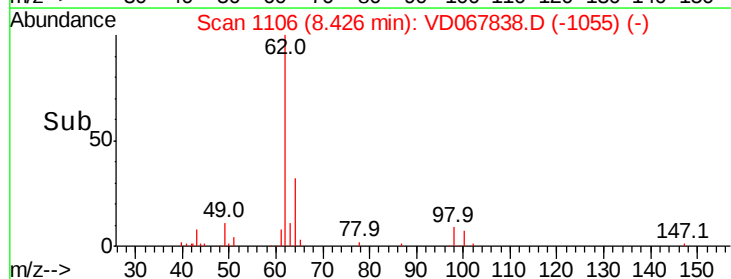
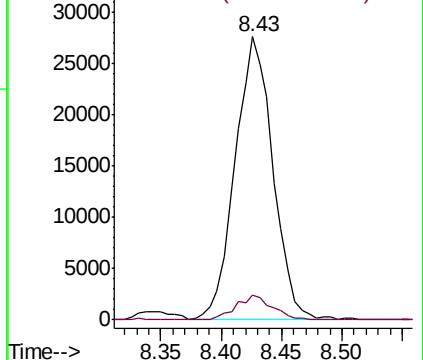
62 100

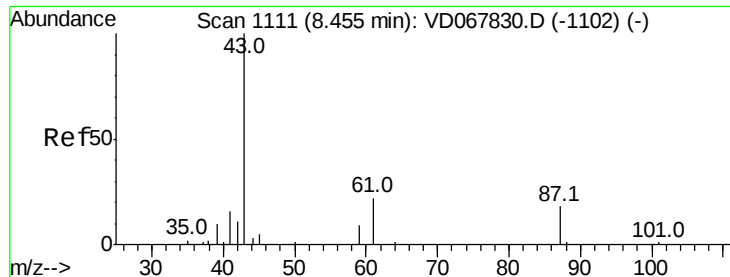
98 8.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.126 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBS01

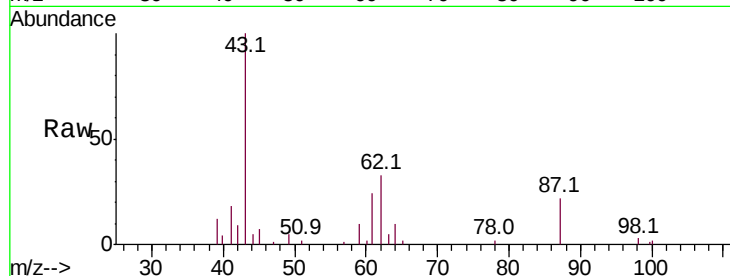
Tot Ion: 43 Resp: 31317

Ion Ratio Lower Upper

43 100

61 0.0 30.4 45.6#

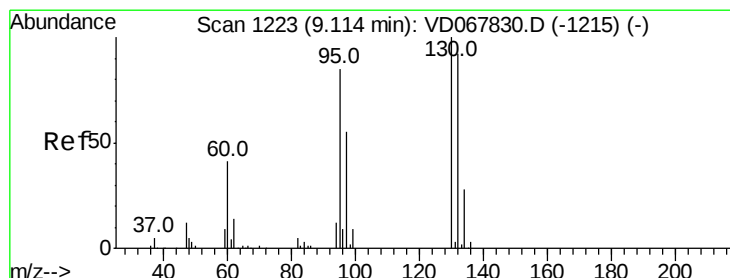
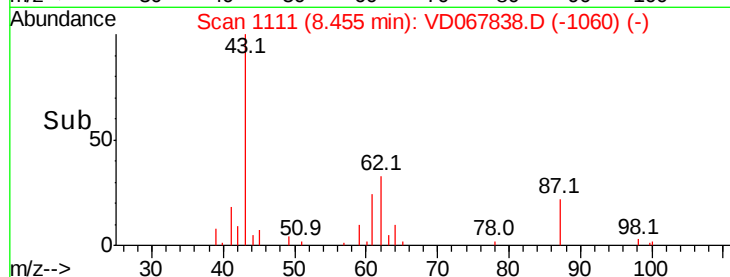
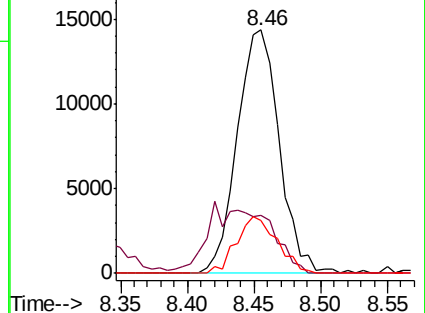
87 22.7 16.2 24.2



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: 19.623 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD067838.D

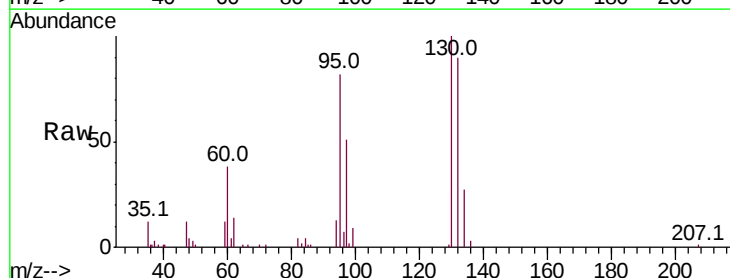
Acq: 02 Dec 2020 16:27

Tgt Ion:130 Resp: 57001

Ion Ratio Lower Upper

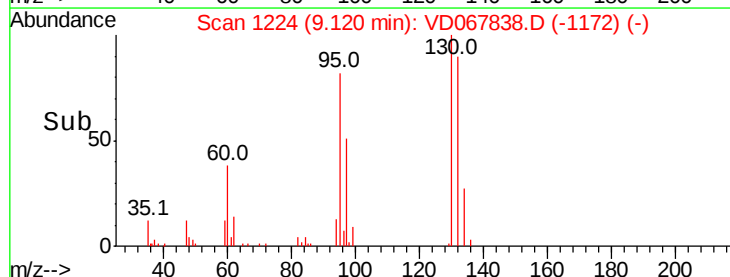
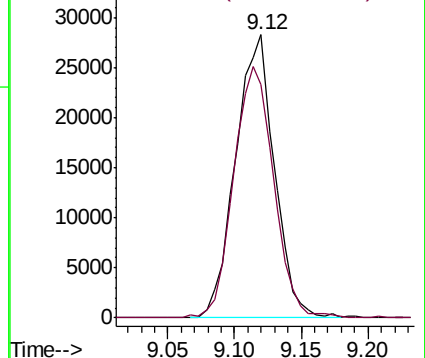
130 100

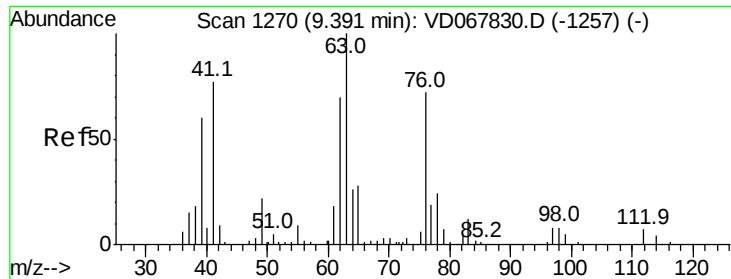
95 81.9 0.0 170.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 18.373 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

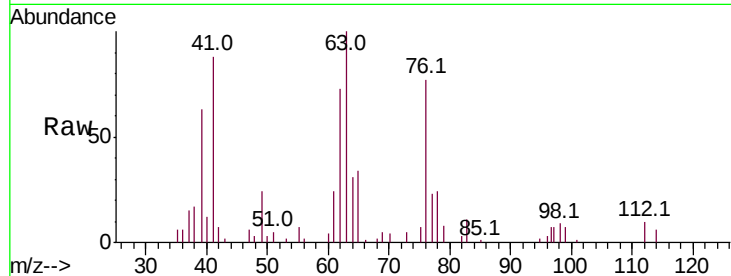
VD1202SBSD01

Tot Ion: 63 Resp: 31859

Ion Ratio Lower Upper

63 100

65 34.1 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

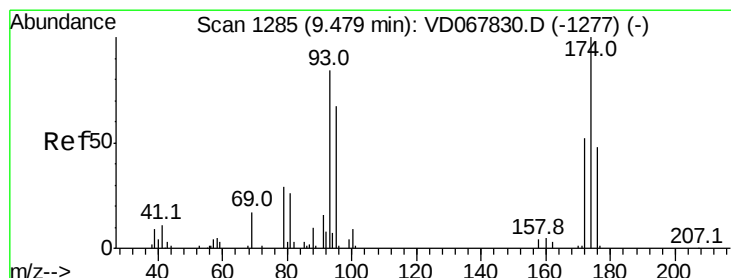
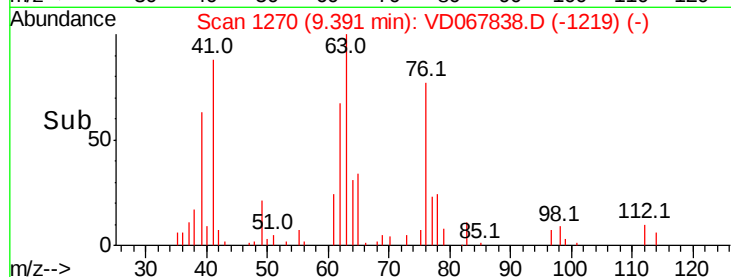
15000

10000

5000

0

Time--> 9.30 9.35 9.40 9.45 9.50



#46

Dibromomethane

Concen: 19.329 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

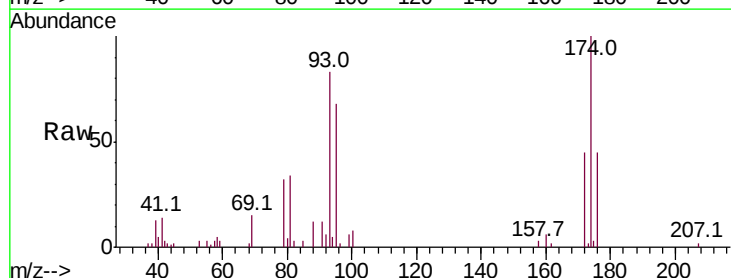
Tgt Ion: 93 Resp: 23303

Ion Ratio Lower Upper

93 100

95 83.5 64.2 96.4

174 120.1 91.5 137.3



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

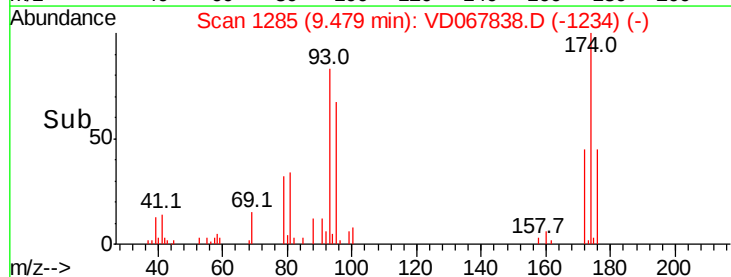
15000

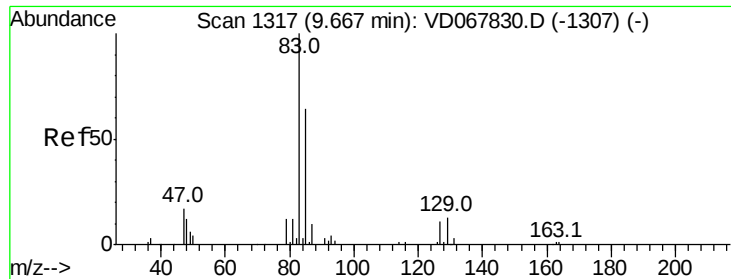
10000

5000

0

Time--> 9.40 9.45 9.50 9.55

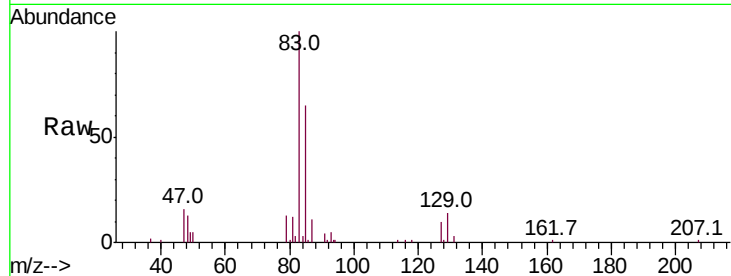




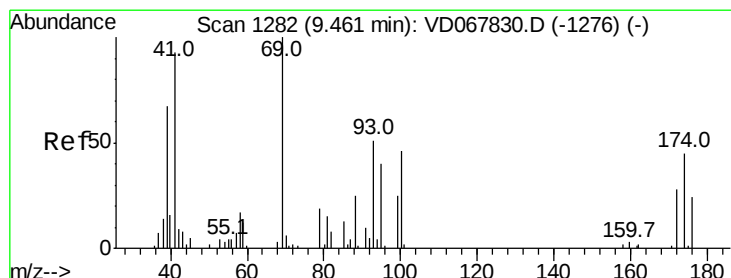
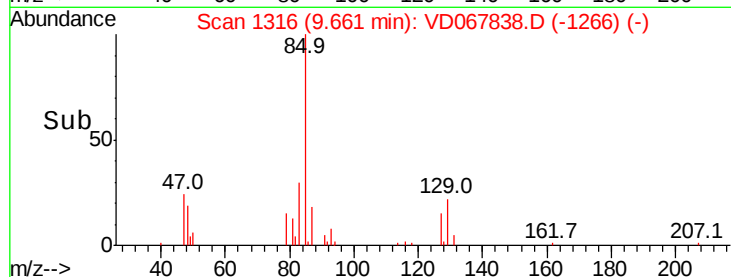
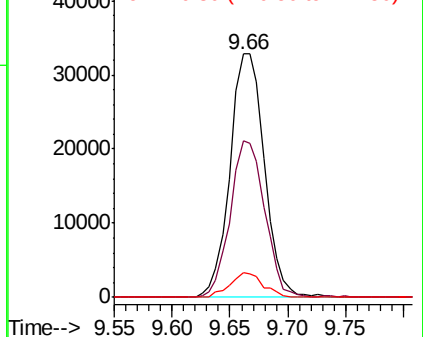
#47
Bromodichloromethane
Concen: 19.729 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

Tot Ion: 83 Resp: 67811
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0
127 9.9 8.5 12.7

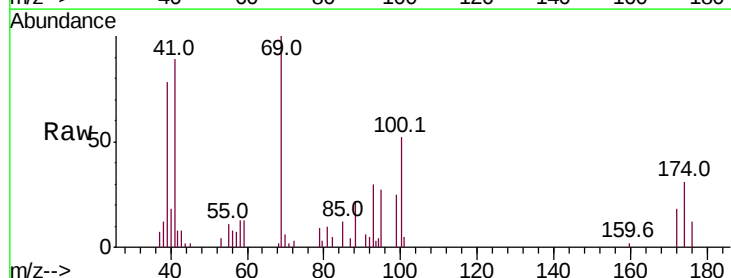


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

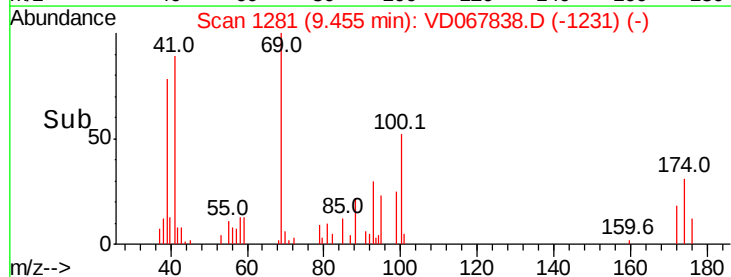
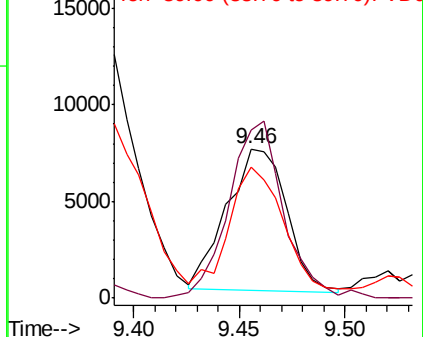


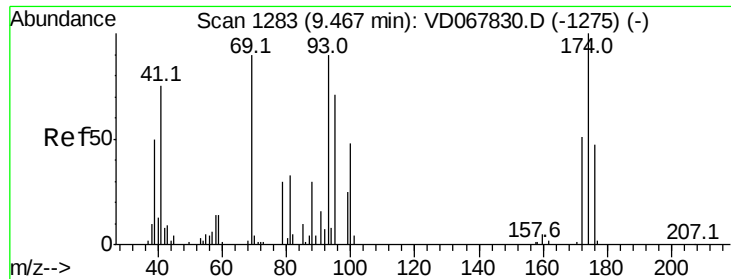
#48
Methyl methacrylate
Concen: 17.233 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion: 41 Resp: 14328
Ion Ratio Lower Upper
41 100
69 115.5 87.6 131.4
39 77.9 61.2 91.8



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: 350.390 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBSD01

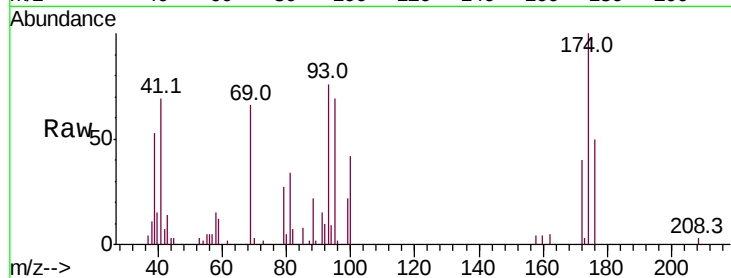
Tot Ion: 88 Resp: 4827

Ion Ratio Lower Upper

88 100

43 40.2 30.1 45.1

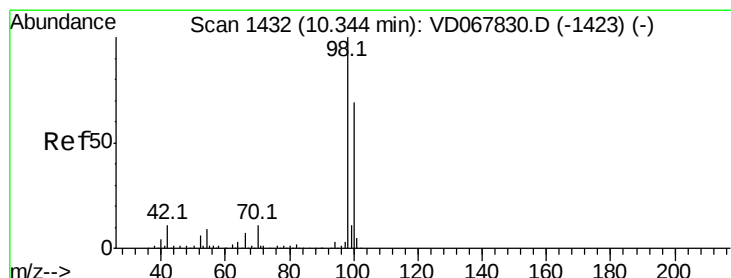
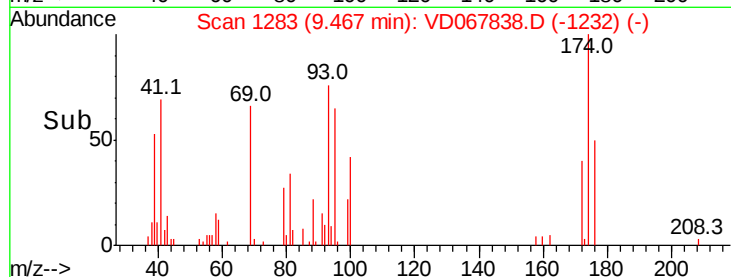
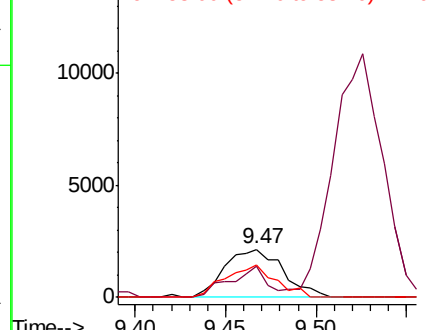
58 57.6 42.4 63.6



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: 48.818 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067838.D

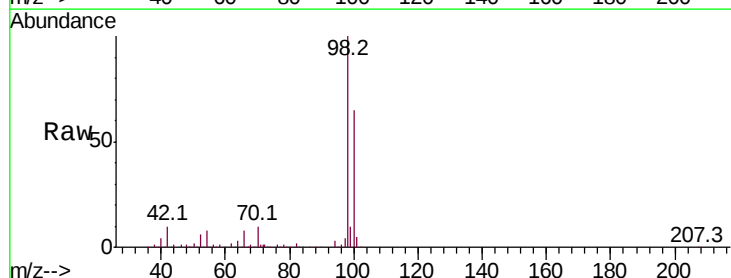
Acq: 02 Dec 2020 16:27

Tgt Ion: 98 Resp: 419411

Ion Ratio Lower Upper

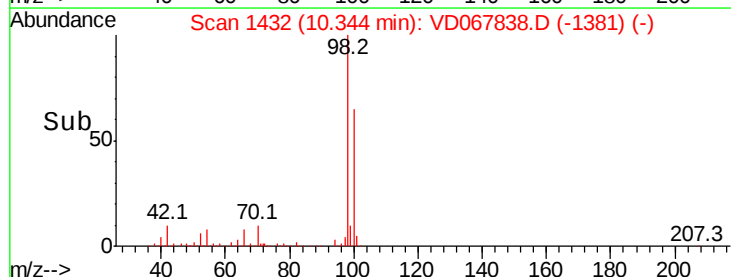
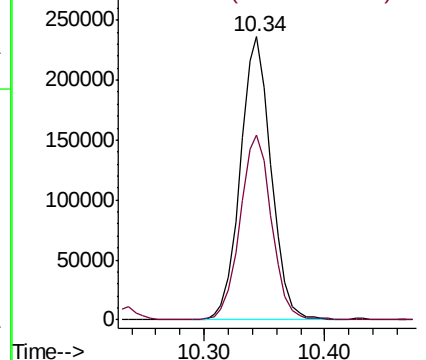
98 100

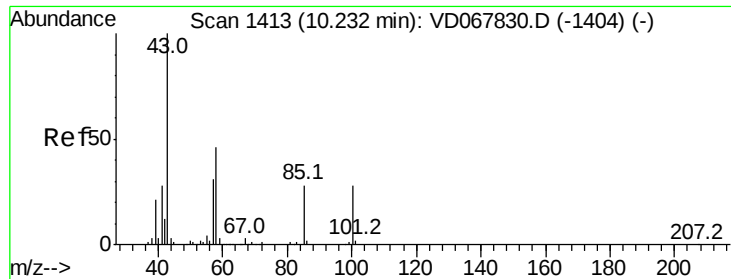
100 66.7 52.9 79.3



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: 98.610 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

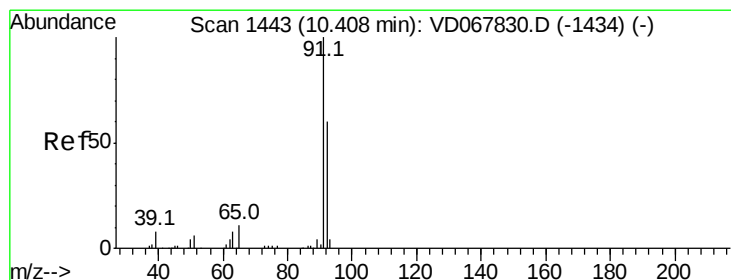
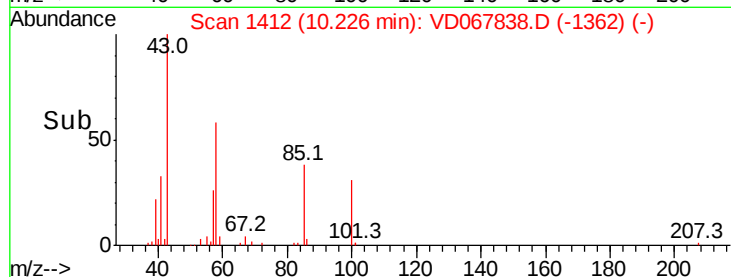
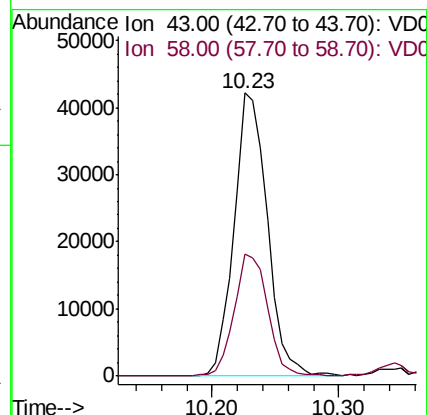
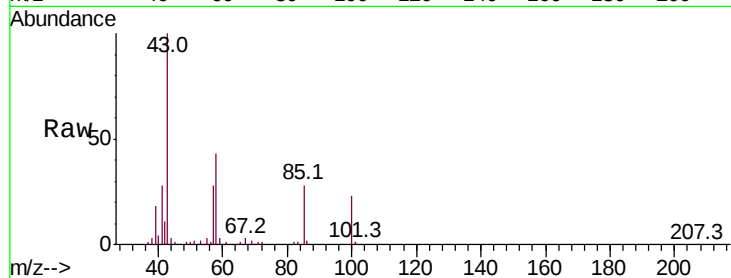
VD1202SBS01

Tot Ion: 43 Resp: 76417

Ion Ratio Lower Upper

43 100

58 43.4 35.7 53.5



#52

Toluene

Concen: 19.847 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067838.D

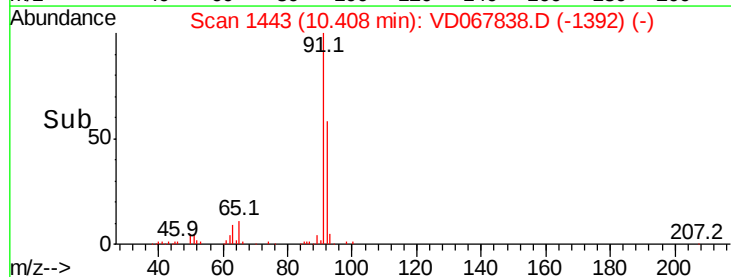
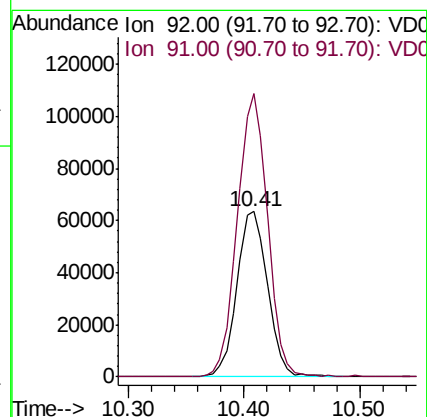
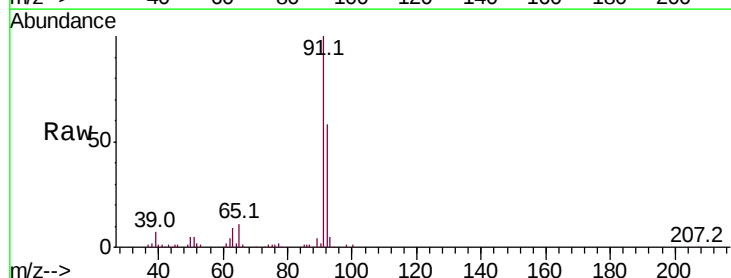
Acq: 02 Dec 2020 16:27

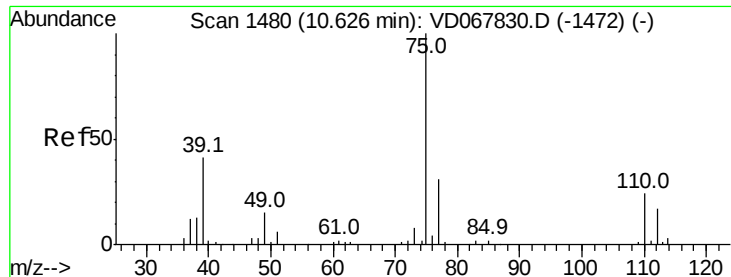
Tgt Ion: 92 Resp: 117232

Ion Ratio Lower Upper

92 100

91 168.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.530 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

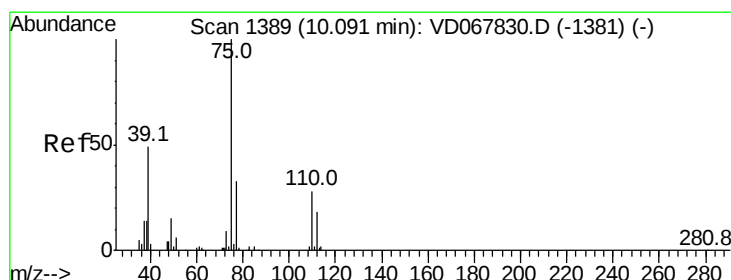
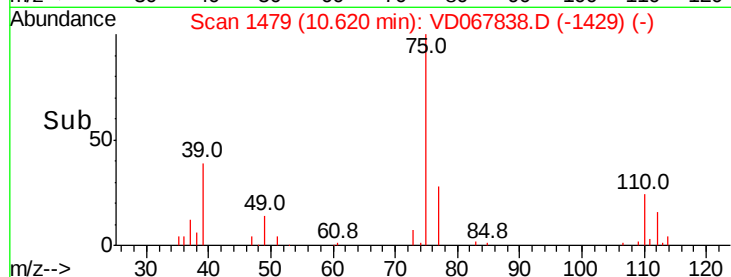
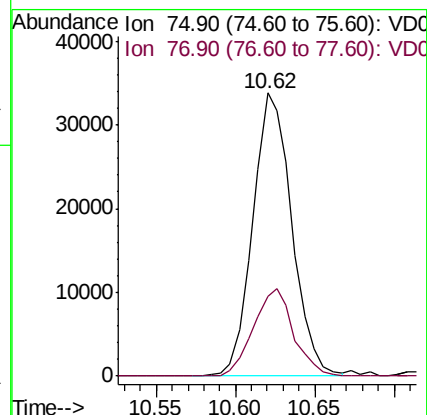
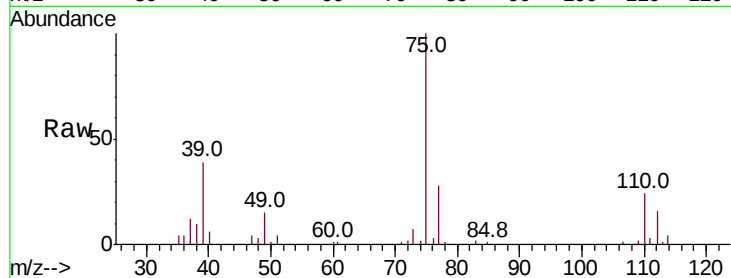
VD1202SBSD01

Tot Ion: 75 Resp: 57937

Ion Ratio Lower Upper

75 100

77 28.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.117 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

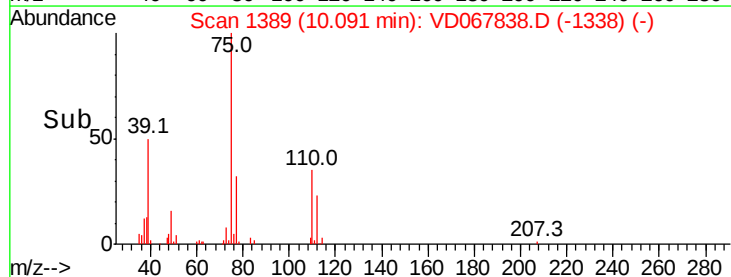
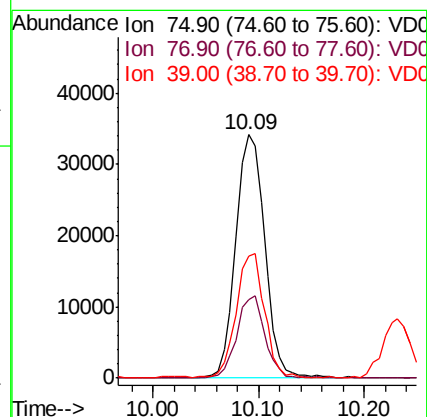
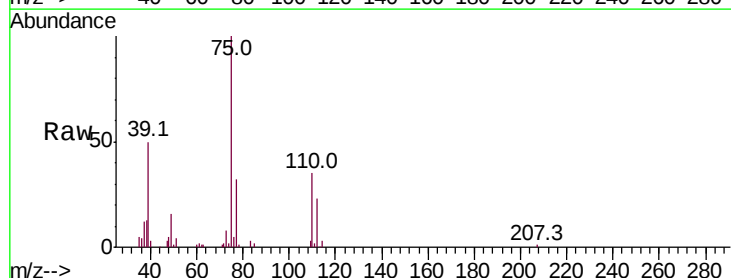
Tgt Ion: 75 Resp: 64914

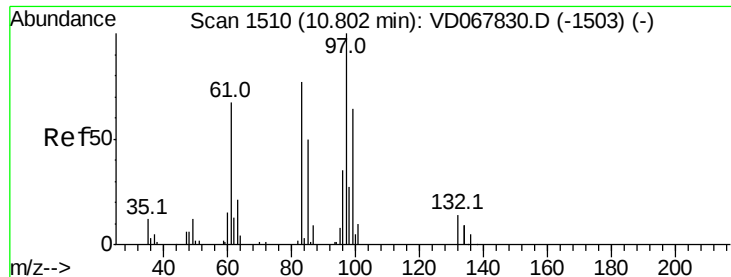
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

39 50.2 39.0 58.4

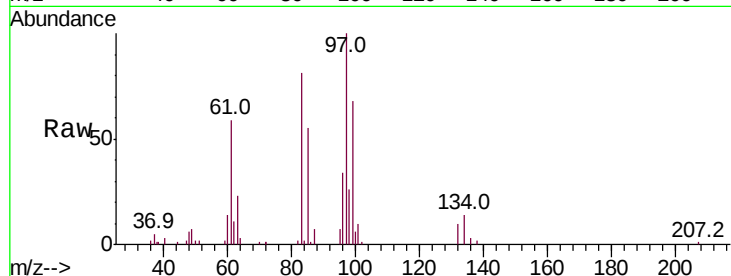




#55
 1,1,2-Trichloroethane
 Concen: 18.670 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBSD01

Tot Ion:	97	Resp:	30804
Ion	Ratio	Lower	Upper
97	100		
83	80.8	61.9	92.9
85	54.5	40.2	60.4
99	68.1	51.0	76.6



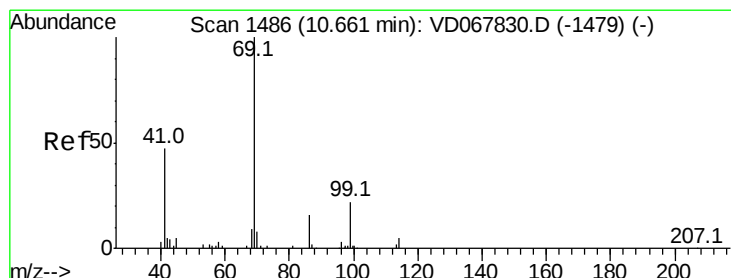
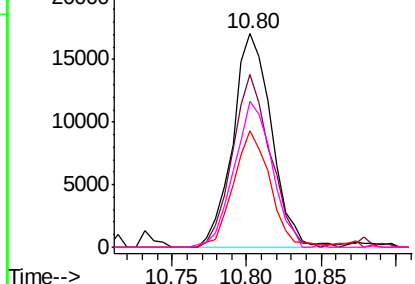
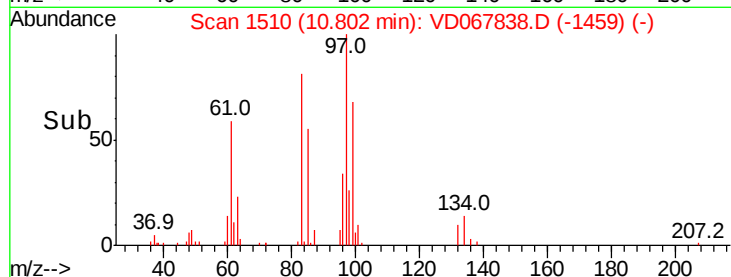
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

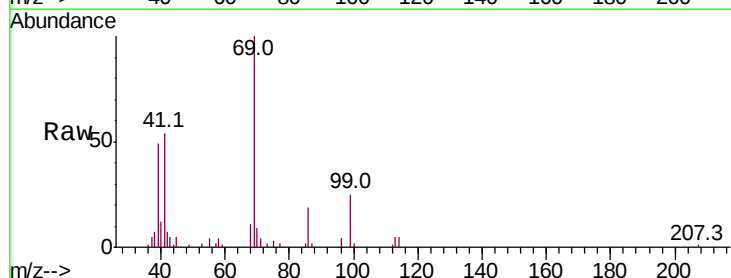
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 18.310 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Tgt Ion:	69	Resp:	30737
Ion	Ratio	Lower	Upper
69	100		
41	58.0	42.8	64.2
39	39.7	30.5	45.7

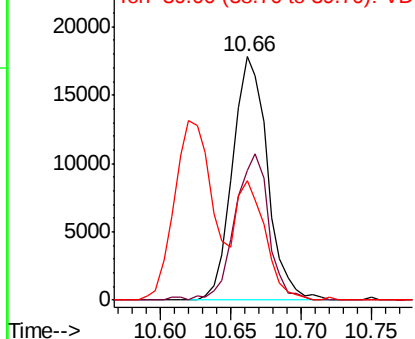
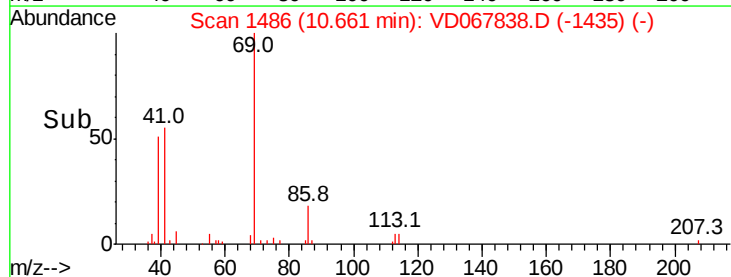


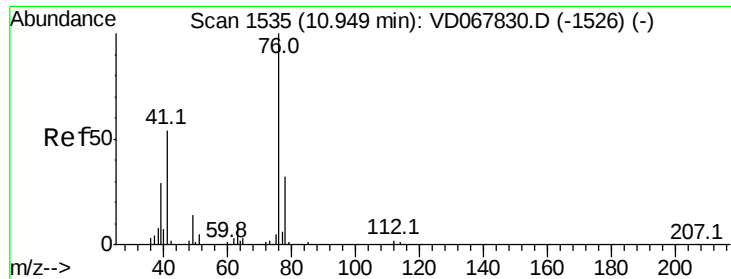
Abundance

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

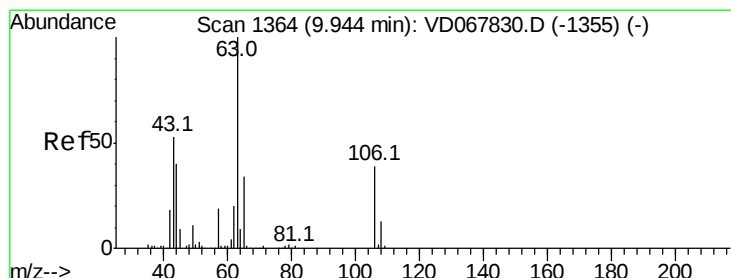
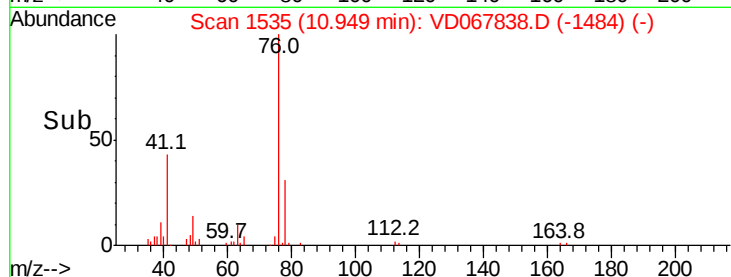
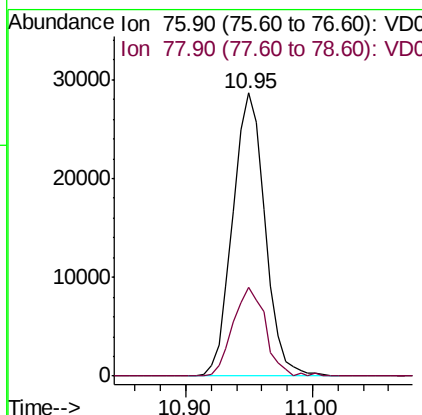
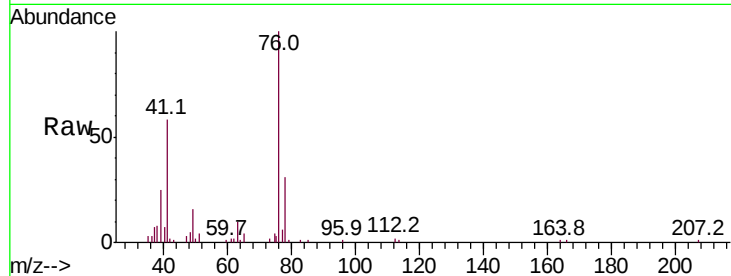




#57
 1,3-Dichloropropane
 Concen: 19.325 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

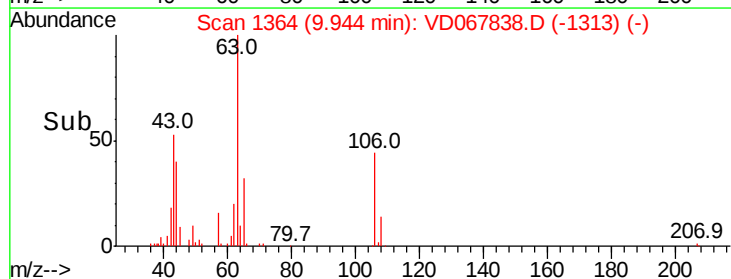
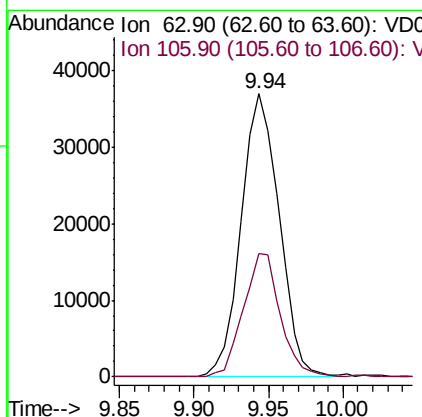
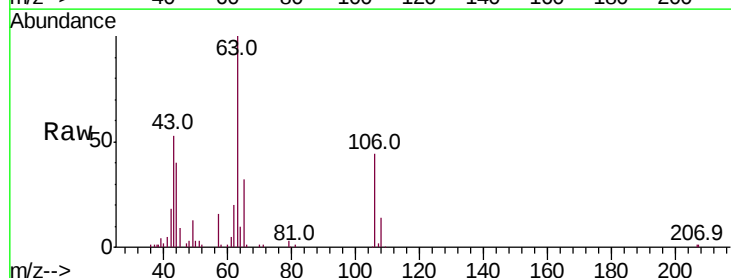
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBSD01

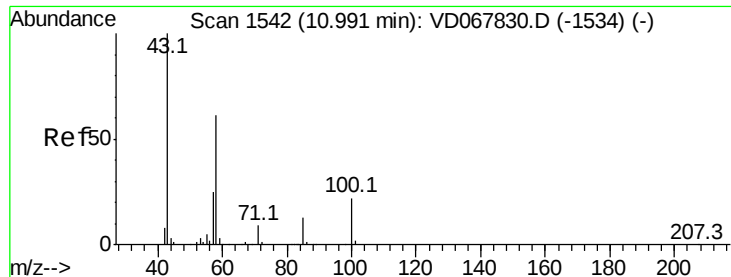
Tot Ion: 76 Resp: 50507
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.6 39.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.489 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Tgt Ion: 63 Resp: 65302
 Ion Ratio Lower Upper
 63 100
 106 42.2 32.0 48.0

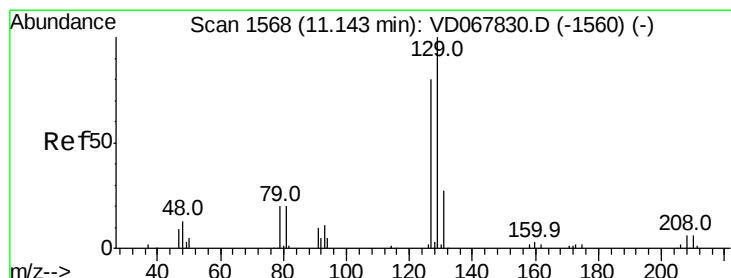
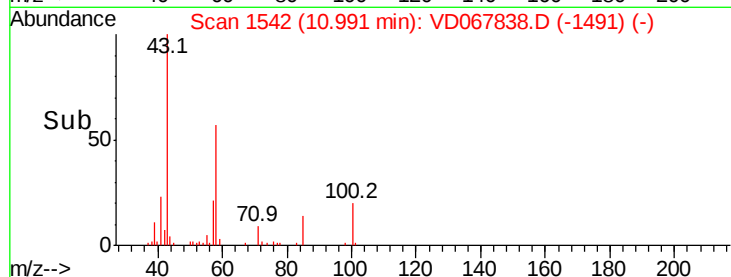
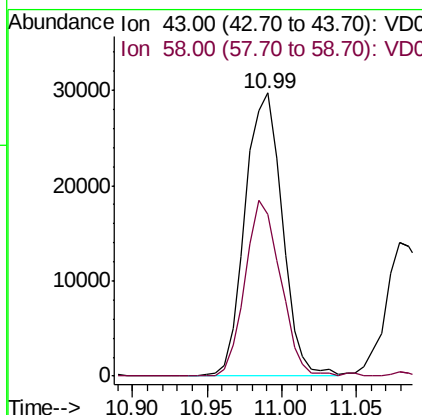
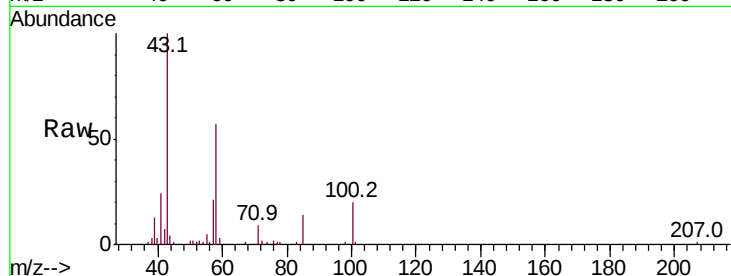




#59
2-Hexanone
Concen: 93.686 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

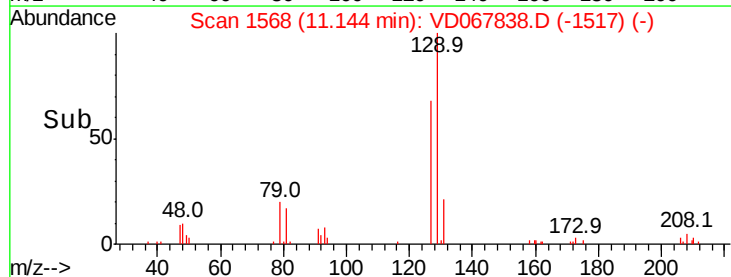
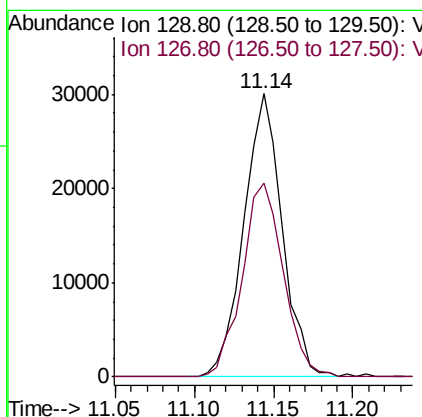
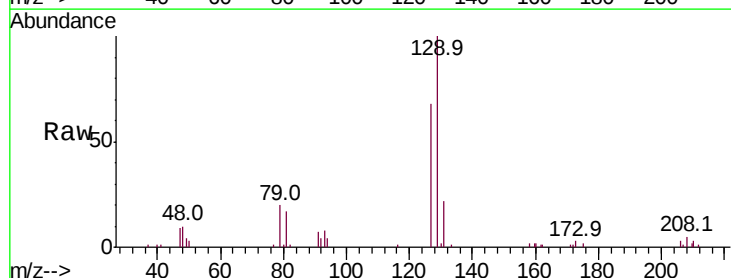
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

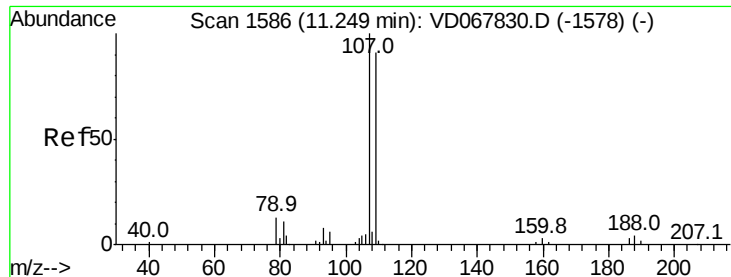
Tot Ion: 43 Resp: 51180
Ion Ratio Lower Upper
43 100
58 59.2 29.9 89.7



#60
Dibromochloromethane
Concen: 20.320 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion: 129 Resp: 50537
Ion Ratio Lower Upper
129 100
127 73.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.644 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

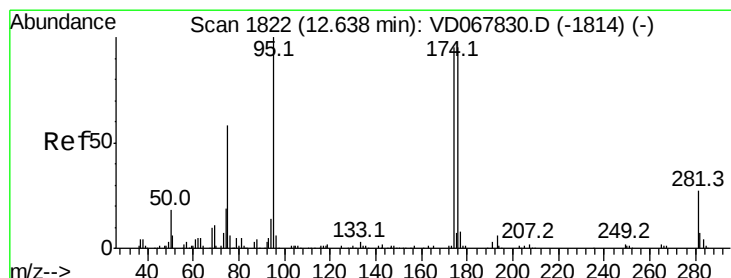
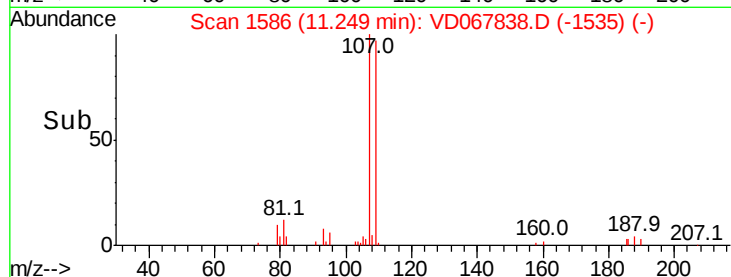
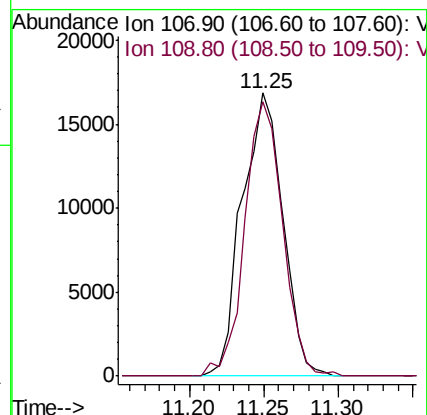
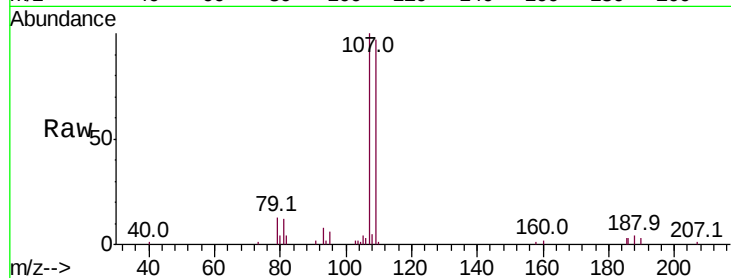
VD1202SBS01

Tot Ion:107 Resp: 31873

Ion Ratio Lower Upper

107 100

109 90.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 53.152 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

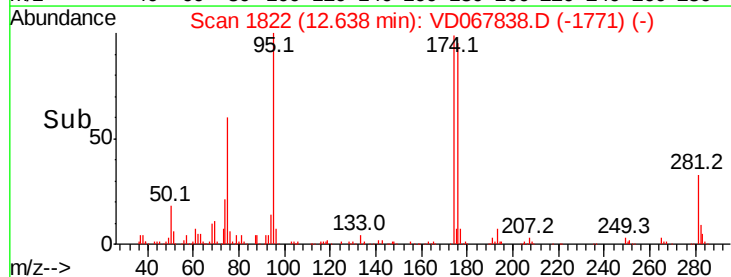
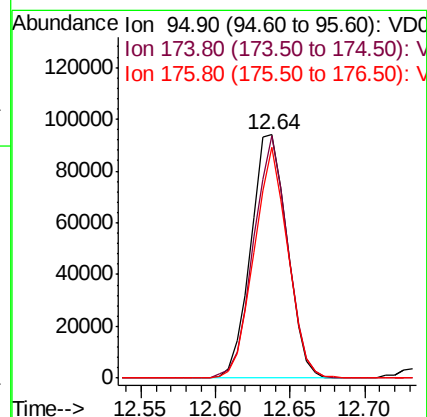
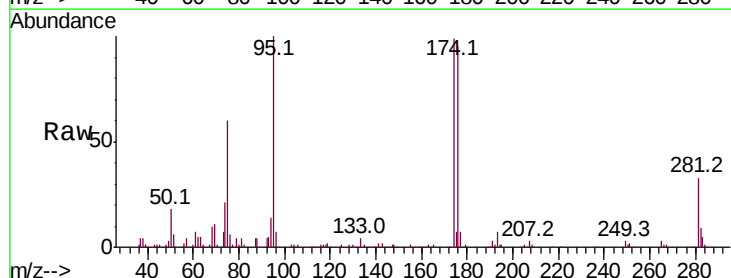
Tgt Ion: 95 Resp: 157875

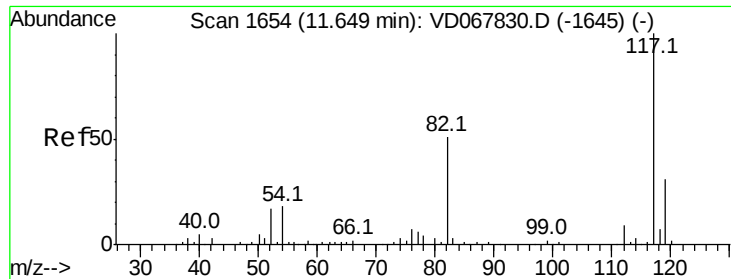
Ion Ratio Lower Upper

95 100

174 93.0 0.0 186.0

176 88.1 0.0 184.2

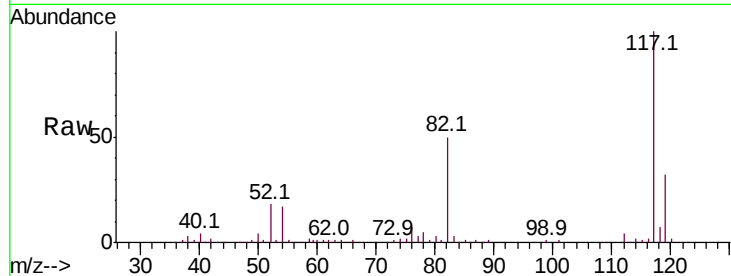




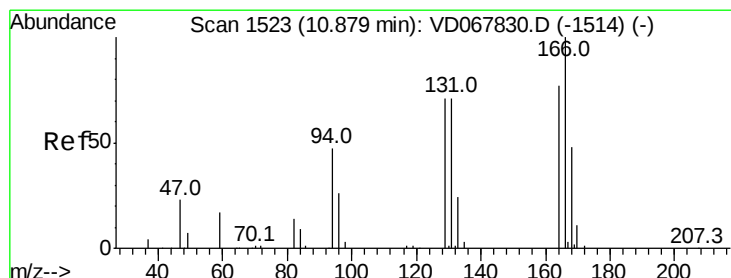
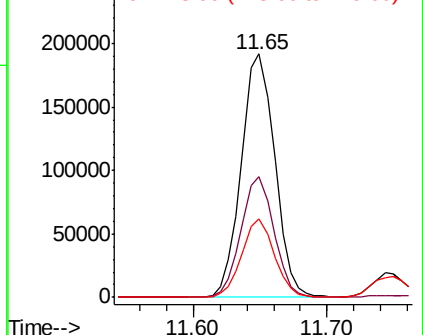
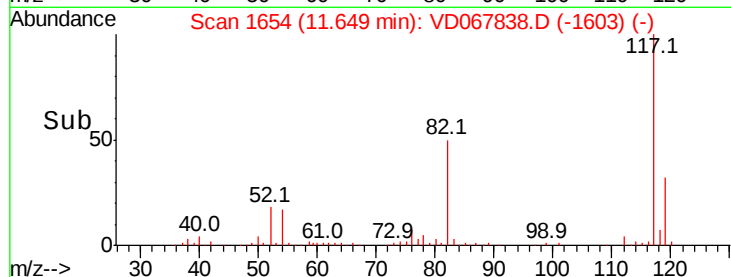
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

Tot Ion:117 Resp: 334131
Ion Ratio Lower Upper
117 100
82 49.7 40.6 60.8
119 32.3 25.1 37.7

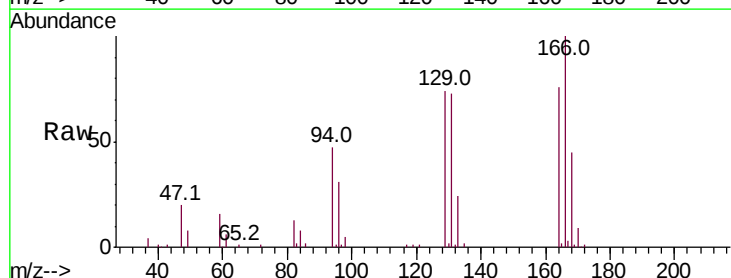


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

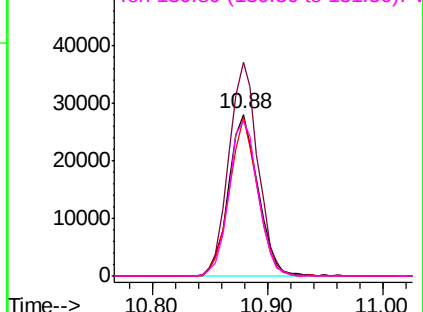
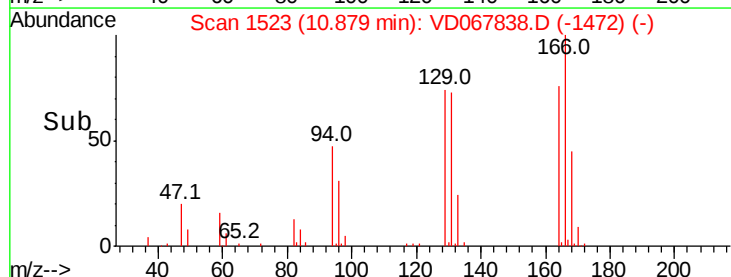


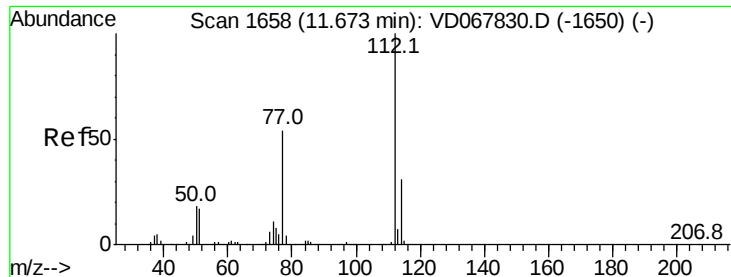
#64
Tetrachloroethene
Concen: 18.248 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion:164 Resp: 49735
Ion Ratio Lower Upper
164 100
166 132.2 103.8 155.6
129 98.2 73.3 109.9
131 96.2 74.1 111.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.469 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

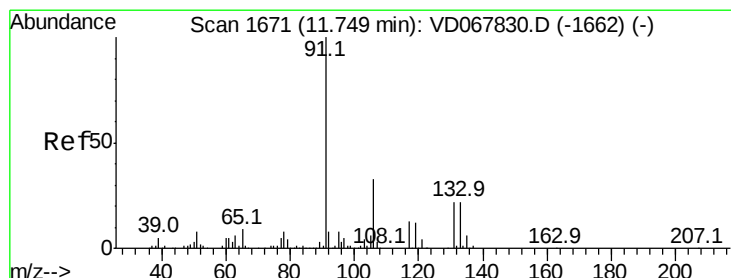
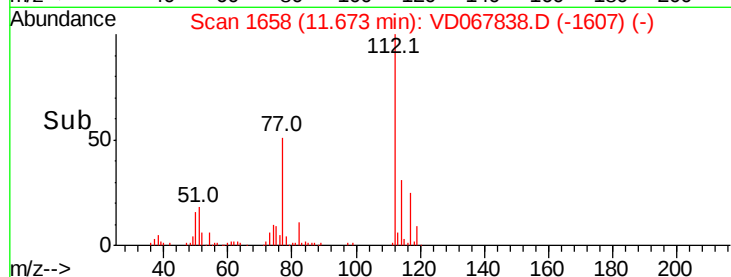
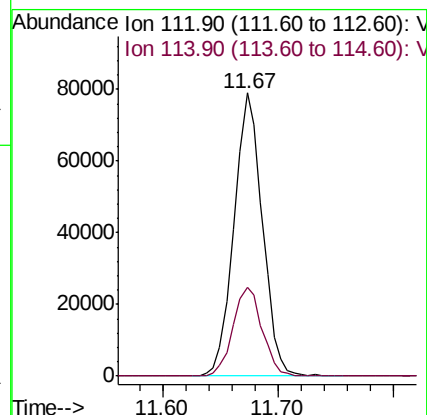
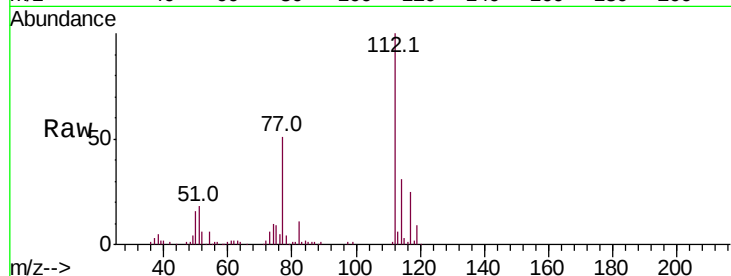
VD1202SBSD01

Tot Ion:112 Resp: 134224

Ion Ratio Lower Upper

112 100

114 31.4 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.517 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

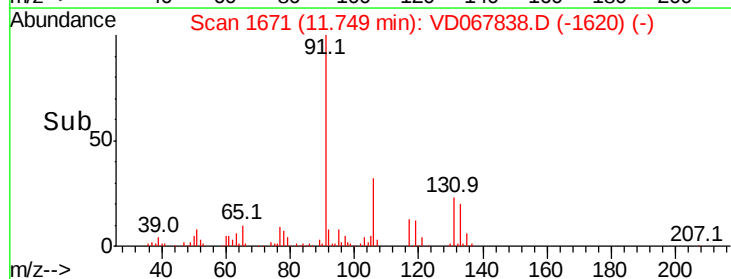
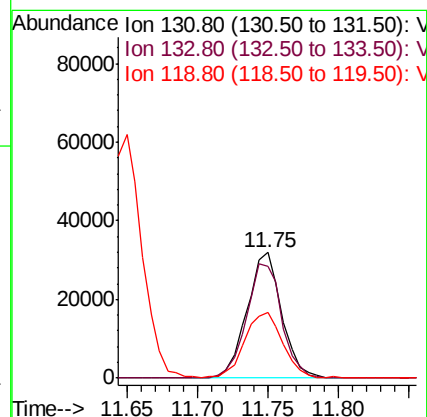
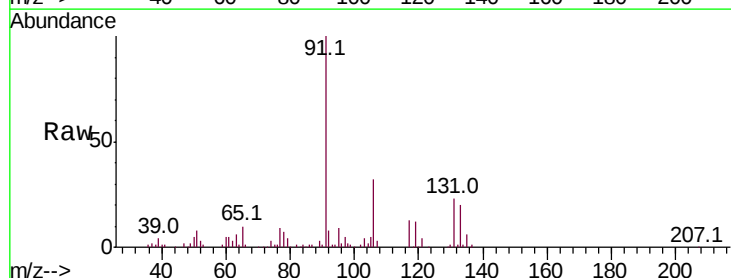
Tgt Ion:131 Resp: 54881

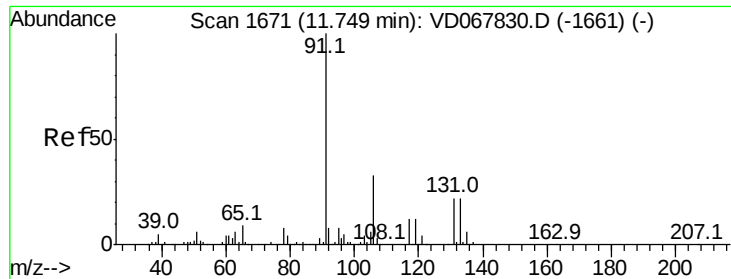
Ion Ratio Lower Upper

131 100

133 92.8 49.9 149.7

119 57.5 29.6 88.9

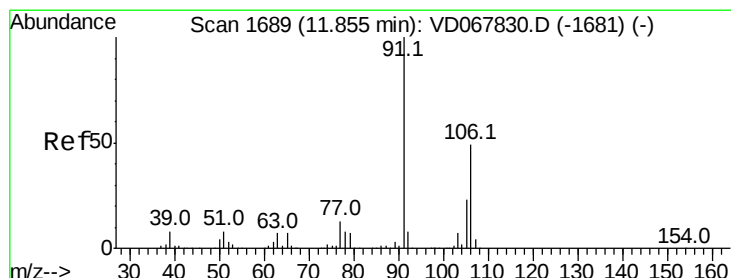
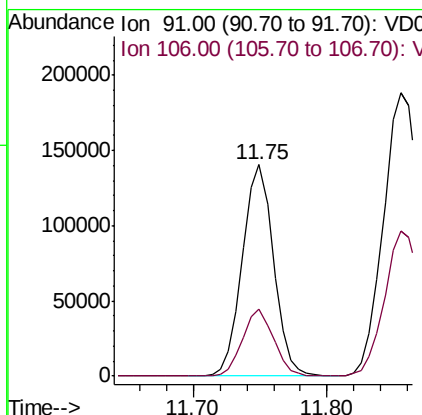
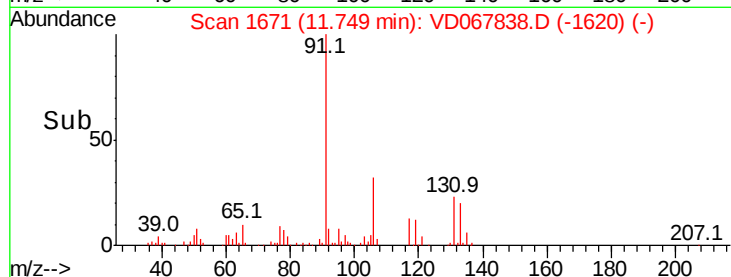
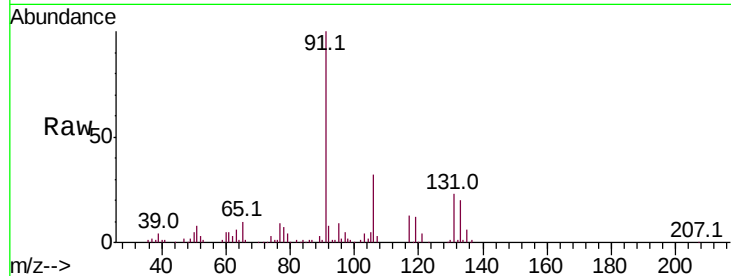




#67
Ethyl Benzene
Concen: 19.341 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

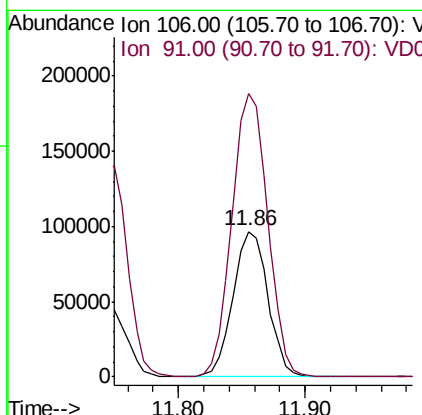
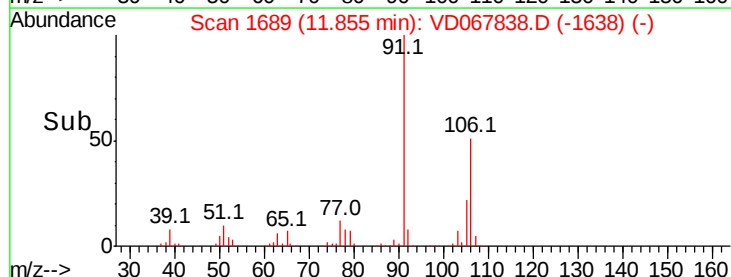
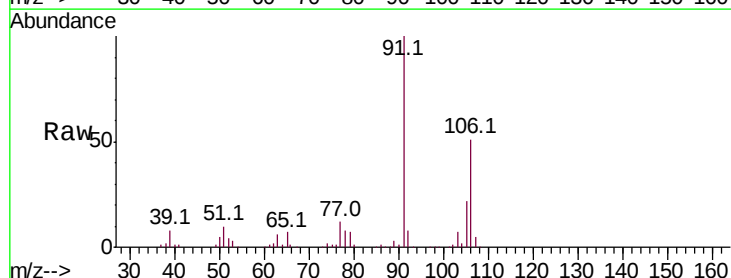
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBS01

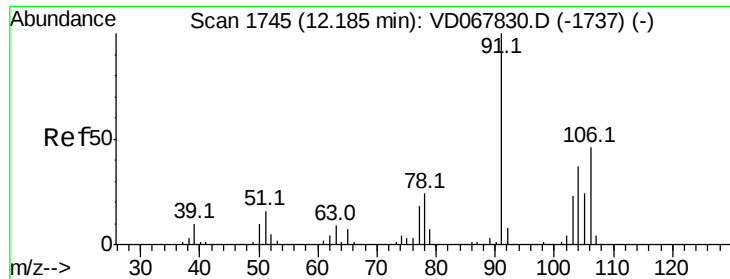
Tot Ion: 91 Resp: 227149
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.2



#68
m/p-Xylenes
Concen: 39.758 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion: 106 Resp: 184119
Ion Ratio Lower Upper
106 100
91 200.4 162.8 244.2

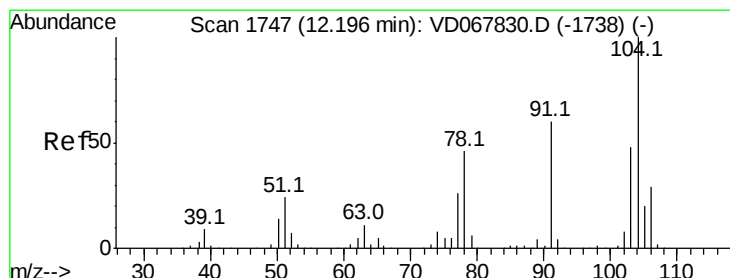
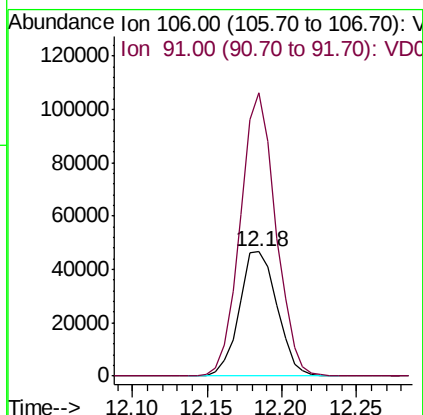
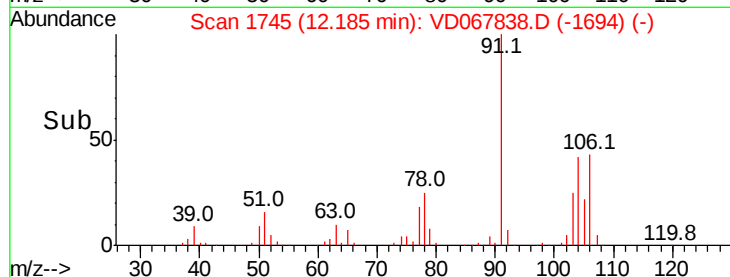
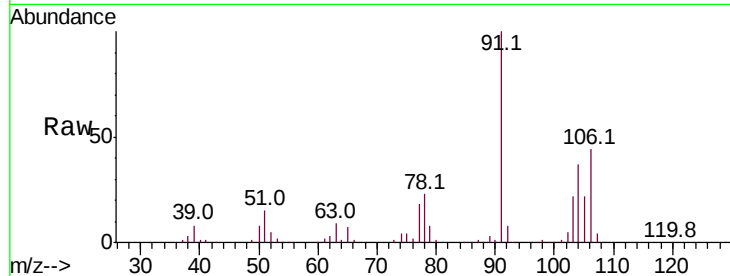




#69
o-Xylene
Concen: 19.880 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

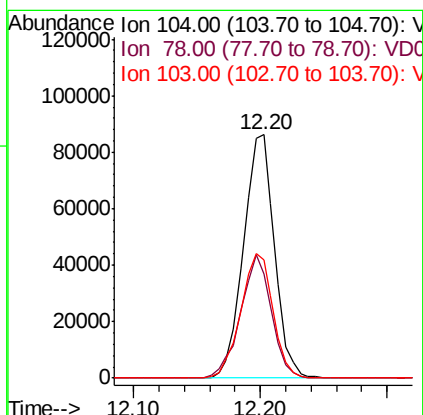
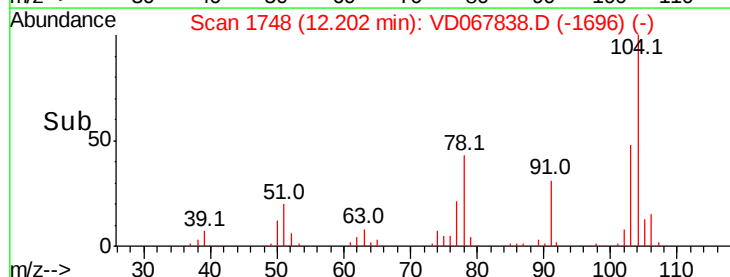
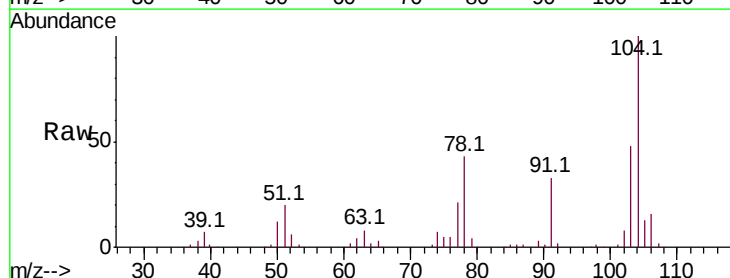
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBS01

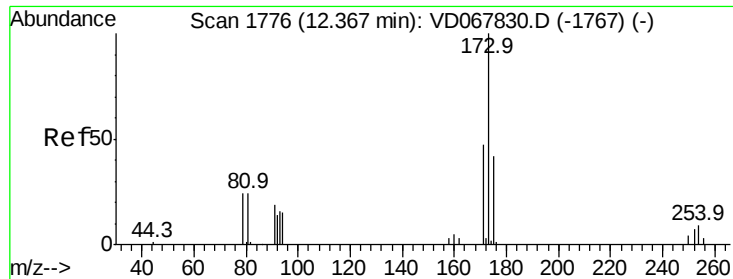
Tot Ion:106 Resp: 81731
Ion Ratio Lower Upper
106 100
91 214.0 107.5 322.5



#70
Styrene
Concen: 20.455 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion:104 Resp: 146230
Ion Ratio Lower Upper
104 100
78 50.5 41.6 62.4
103 53.2 43.2 64.8





#71

Bromoform

Concen: 19.113 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBSD01

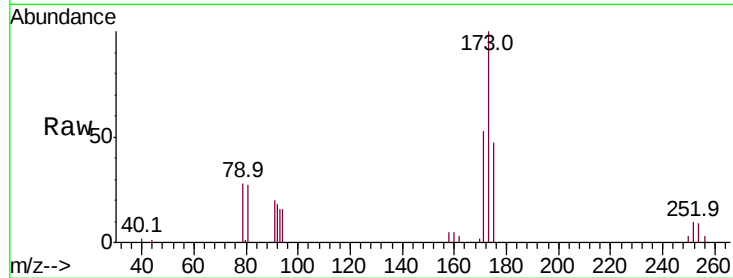
Tot Ion:173 Resp: 28450

Ion Ratio Lower Upper

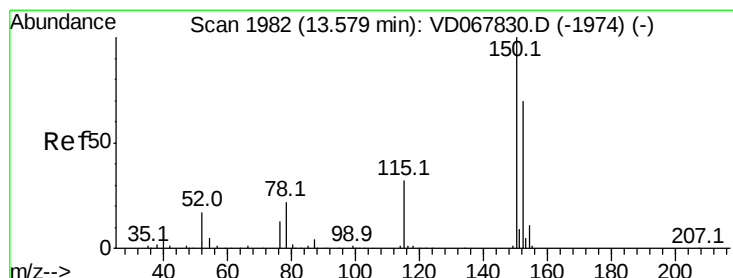
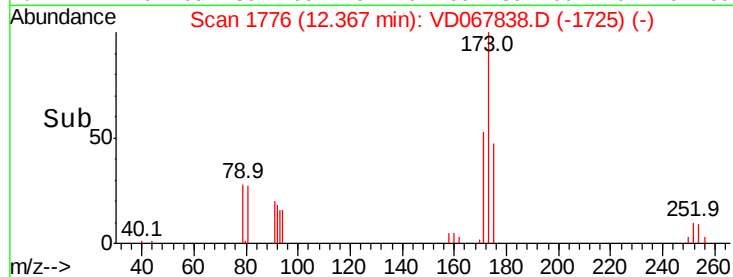
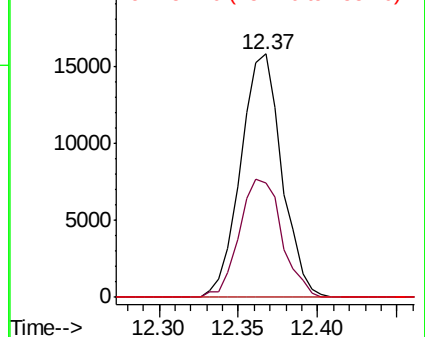
173 100

175 50.1 23.4 70.3

254 0.0 0.1 0.1#



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. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

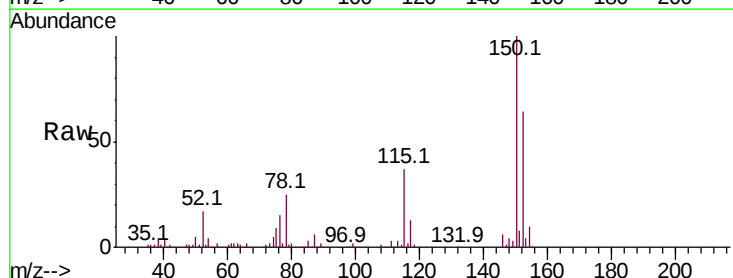
Tgt Ion:152 Resp: 178007

Ion Ratio Lower Upper

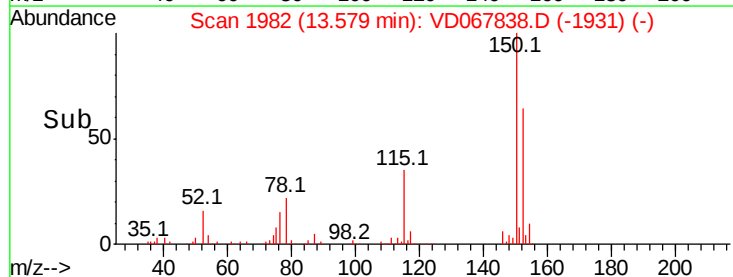
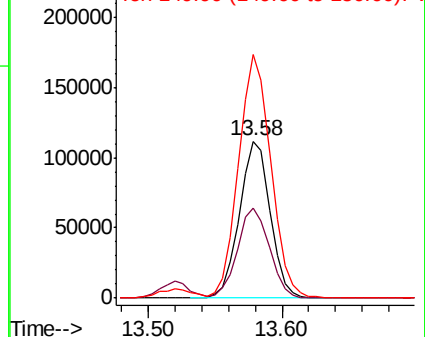
152 100

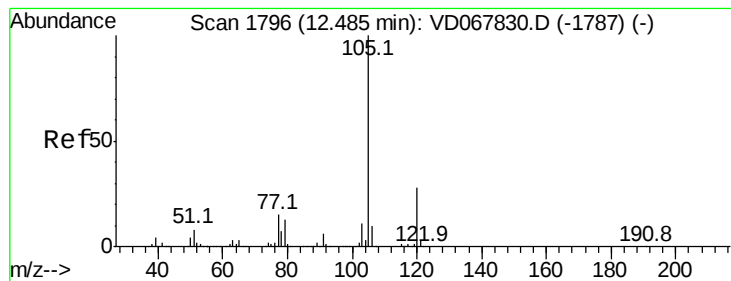
115 59.7 29.1 87.4

150 163.0 0.0 339.0



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: 18.863 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

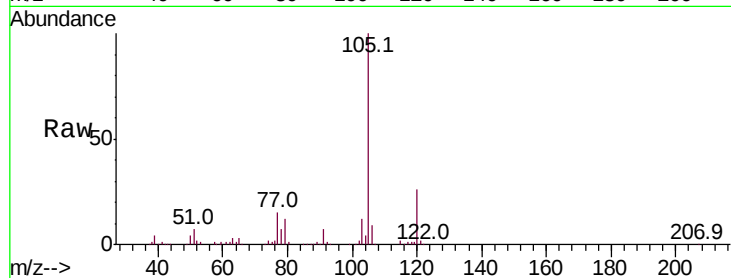
VD1202SBSD01

Tot Ion:105 Resp: 230912

Ion Ratio Lower Upper

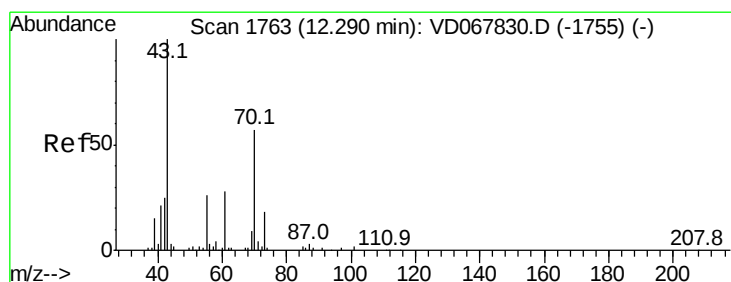
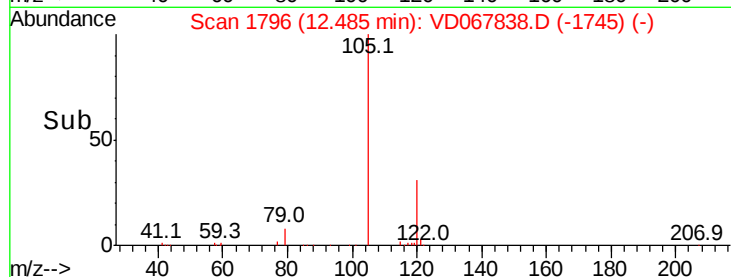
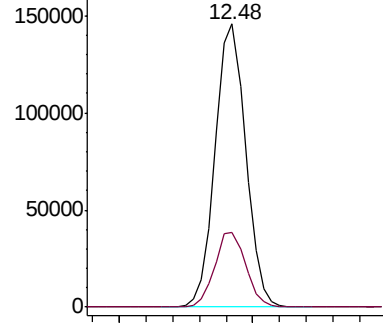
105 100

120 26.8 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.628 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Tgt Ion: 43 Resp: 26692

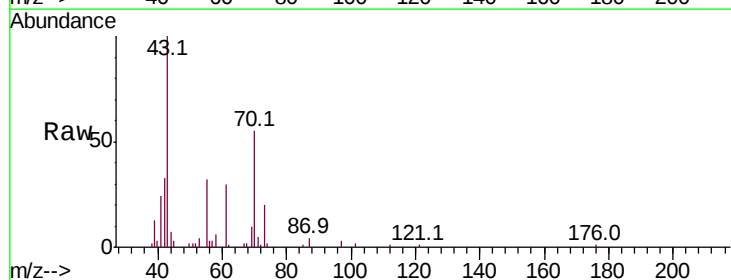
Ion Ratio Lower Upper

43 100

70 59.2 44.6 66.8

55 30.9 22.2 33.2

61 28.1 22.7 34.1

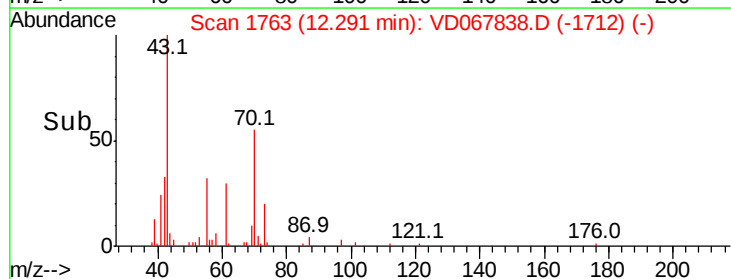
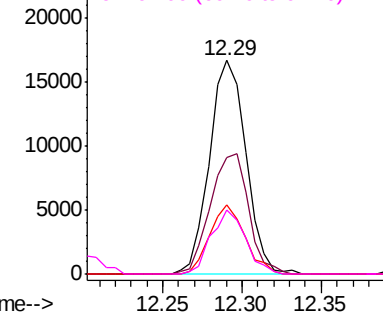


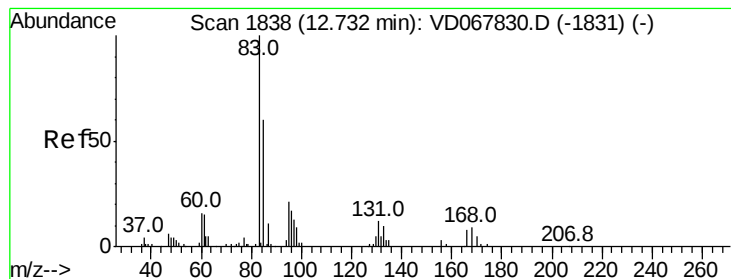
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.516 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBS01

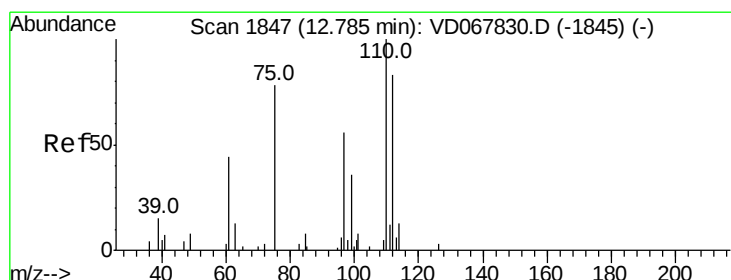
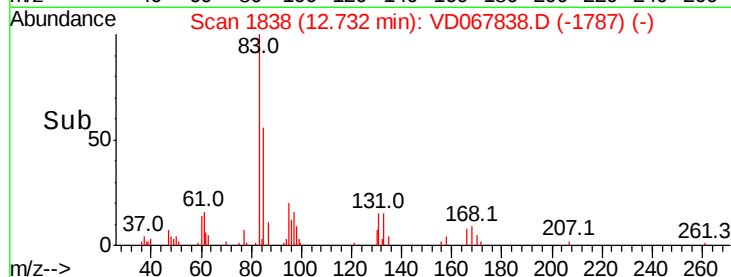
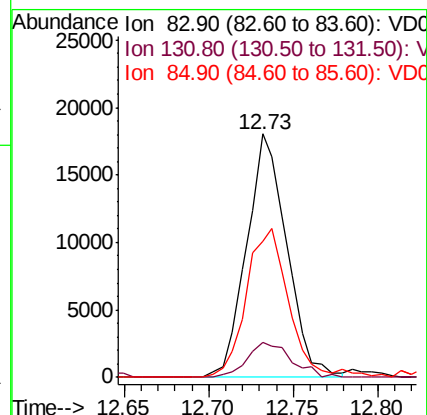
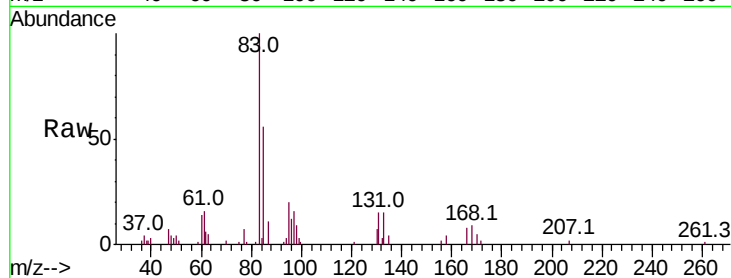
Tot Ion: 83 Resp: 29925

Ion Ratio Lower Upper

83 100

131 15.9 8.0 24.0

85 64.9 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 33.206 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067838.D

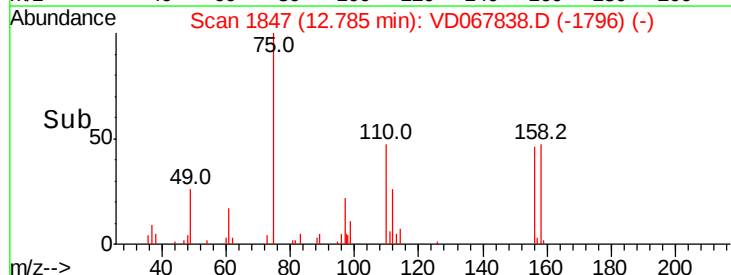
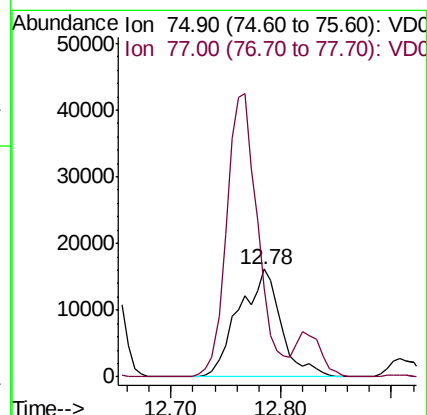
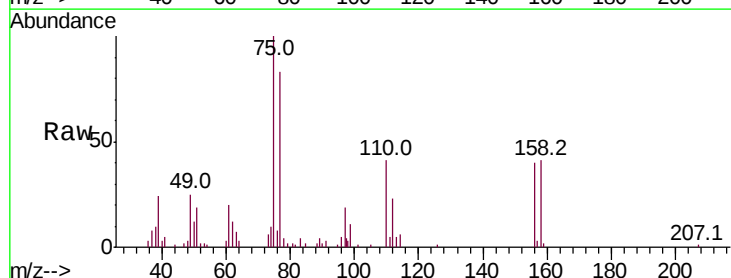
Acq: 02 Dec 2020 16:27

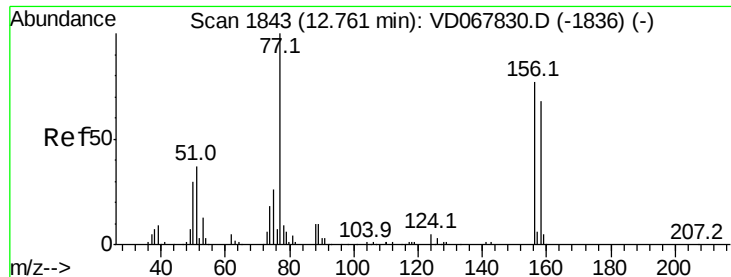
Tgt Ion: 75 Resp: 43045

Ion Ratio Lower Upper

75 100

77 196.3 175.9 527.7





#77

Bromobenzene

Concen: 18.556 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBSD01

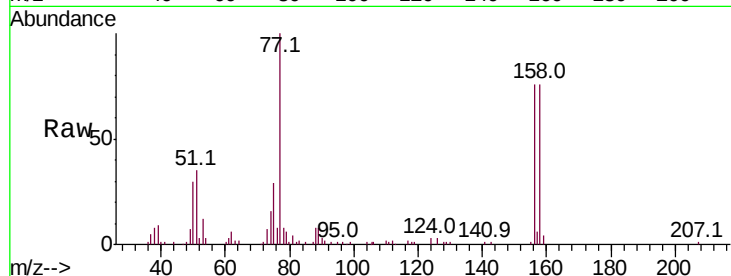
Tot Ion:156 Resp: 56472

Ion Ratio Lower Upper

156 100

77 149.7 71.5 214.5

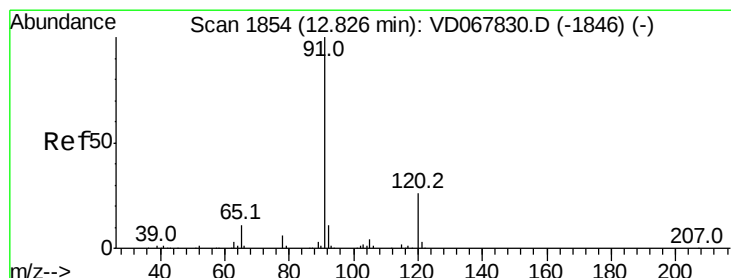
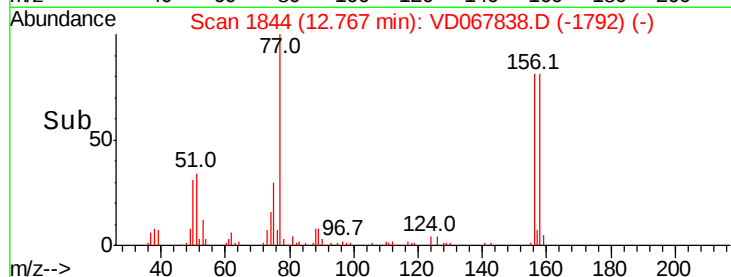
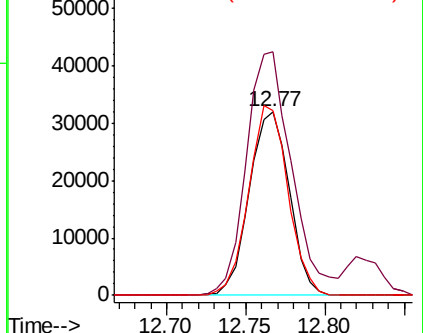
158 101.4 47.1 141.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.943 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067838.D

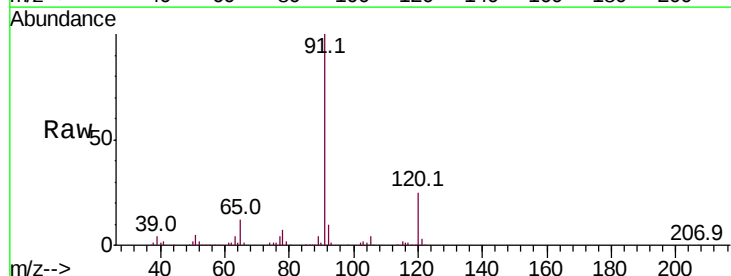
Acq: 02 Dec 2020 16:27

Tgt Ion: 91 Resp: 257022

Ion Ratio Lower Upper

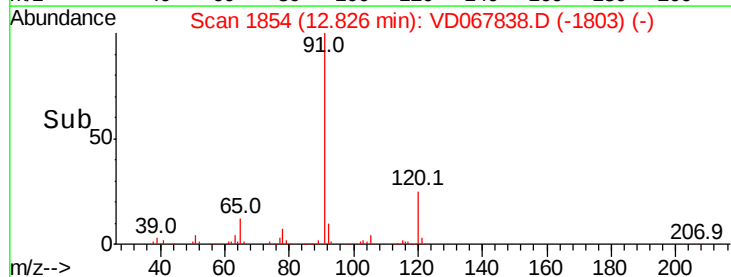
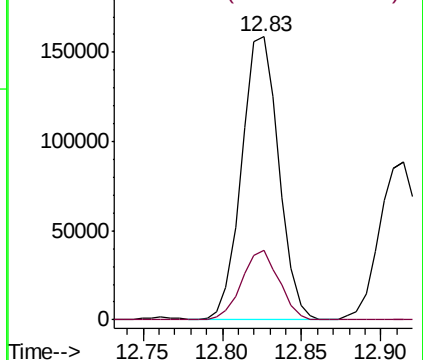
91 100

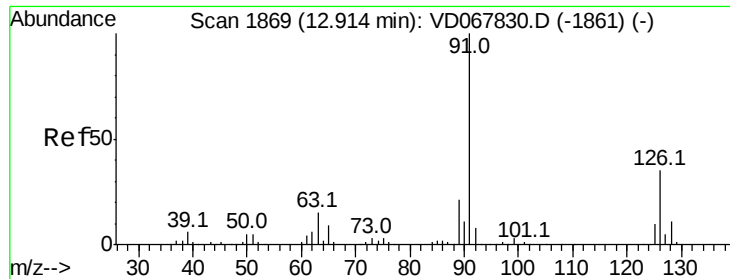
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

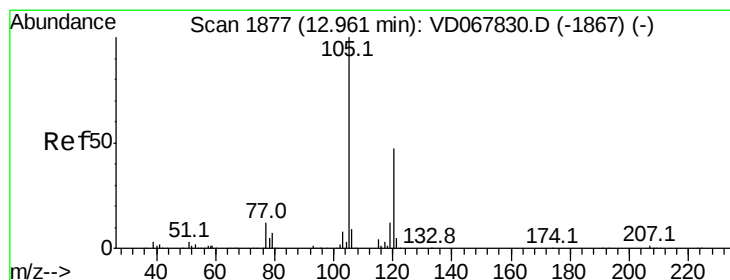
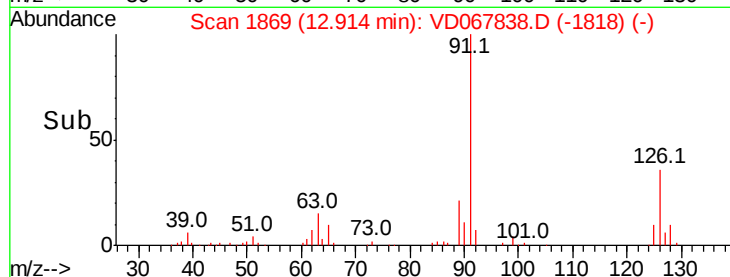
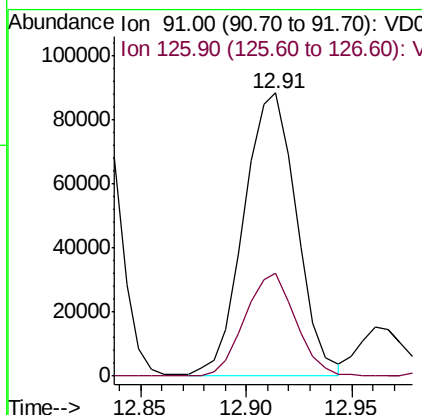
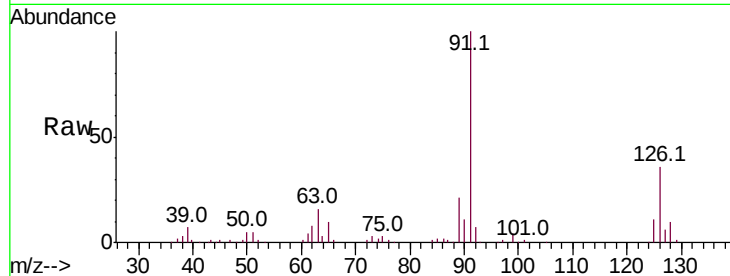




#79
2-Chlorotoluene
Concen: 19.188 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

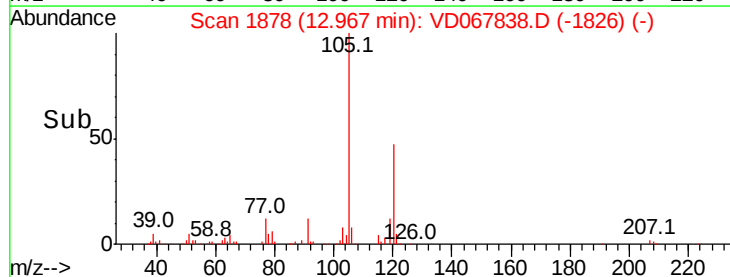
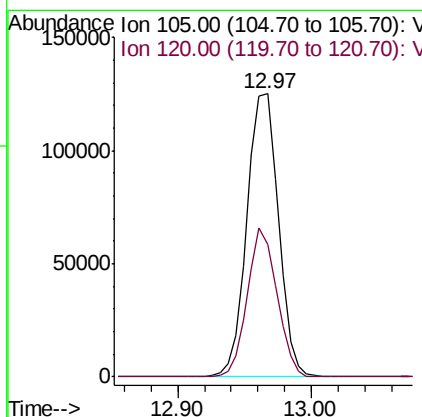
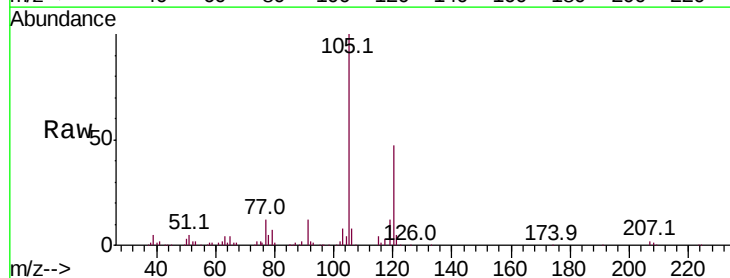
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

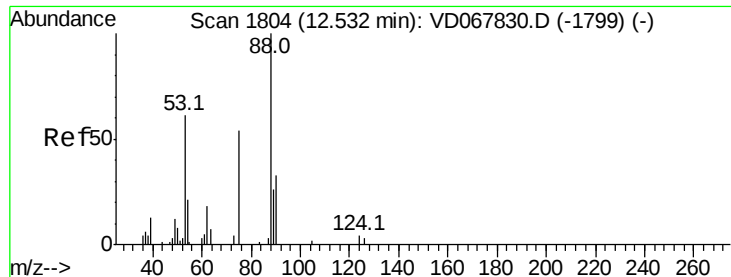
Tot Ion: 91 Resp: 153159
Ion Ratio Lower Upper
91 100
126 35.3 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 19.271 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion:105 Resp: 204249
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 16.995 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

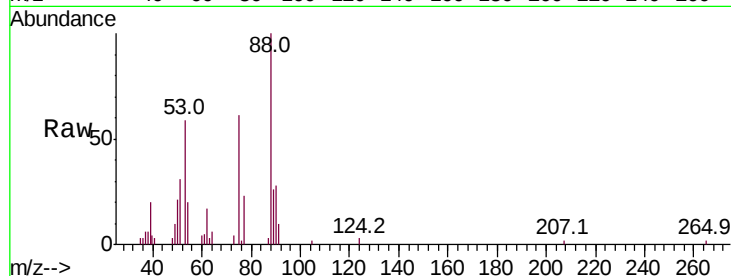
MSVOA_D

ClientSampleId :

VD1202SBSD01

Tot Ion: 75 Resp: 9210

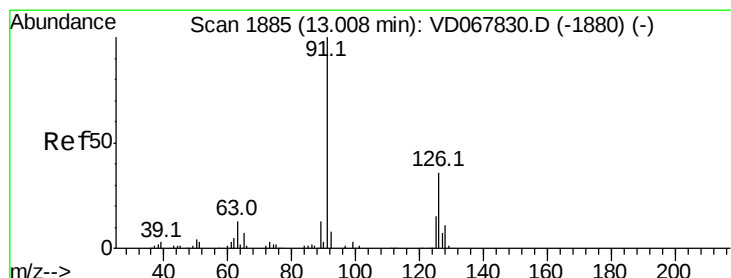
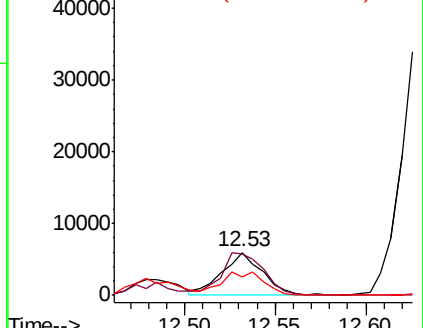
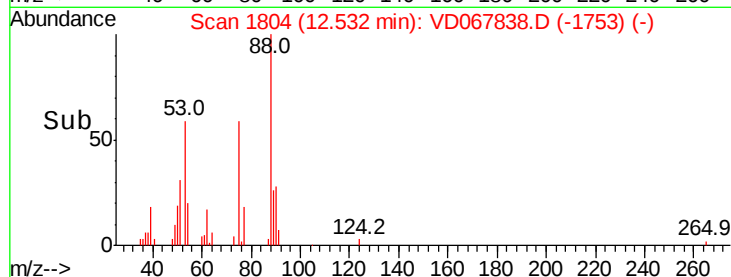
Ion	Ratio	Lower	Upper
75	100		
53	105.1	84.6	127.0
89	56.6	41.0	61.6



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: 19.269 ug/l

RT: 13.01 min Scan# 1885

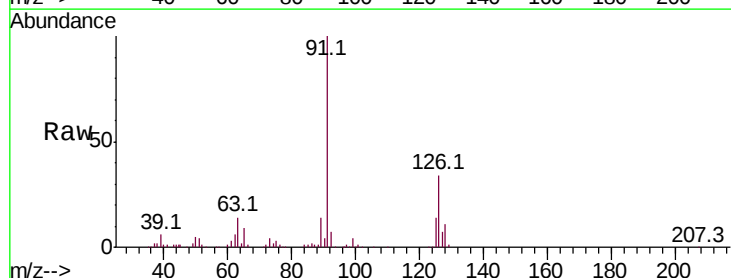
Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

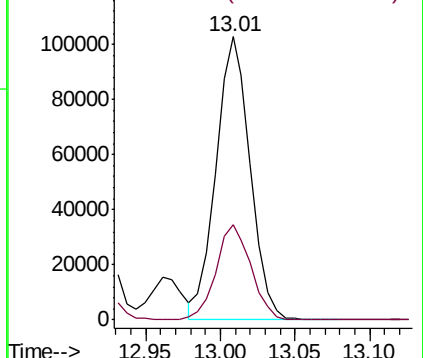
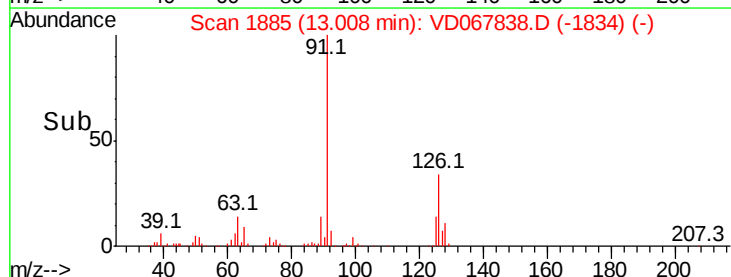
Tgt Ion: 91 Resp: 164067

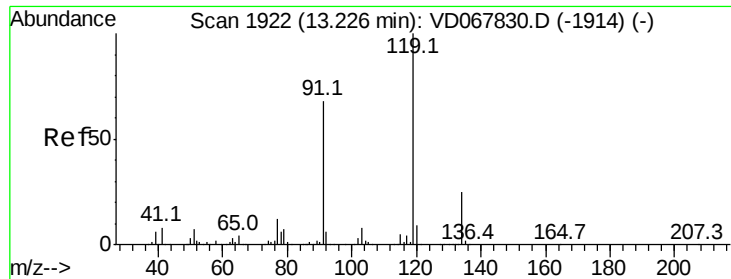
Ion	Ratio	Lower	Upper
91	100		
126	34.4	18.1	54.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

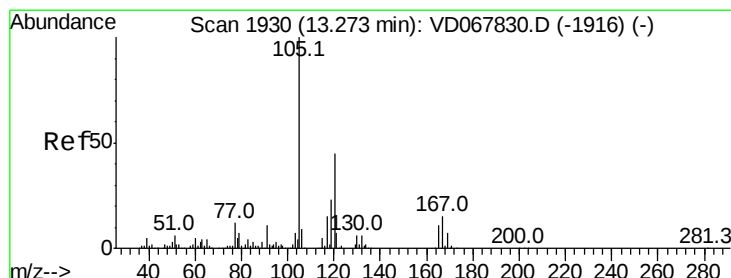
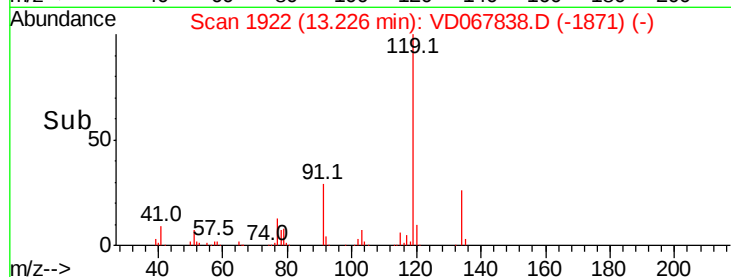
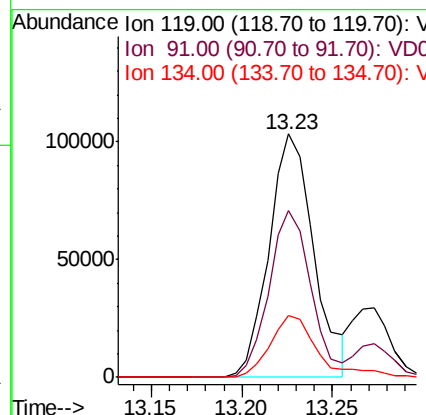
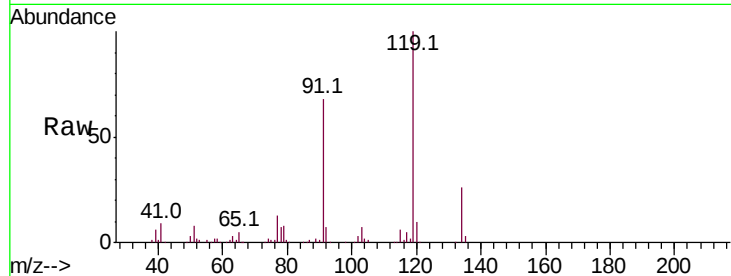




#83
tert-Butylbenzene
Concen: 19.718 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

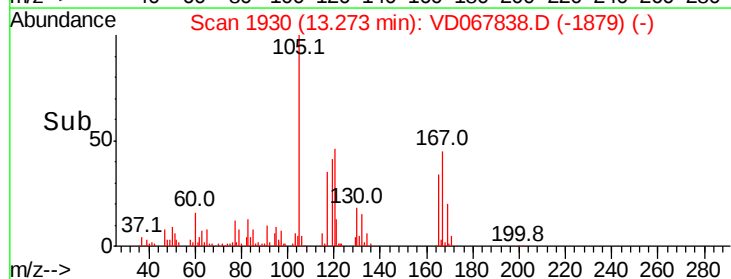
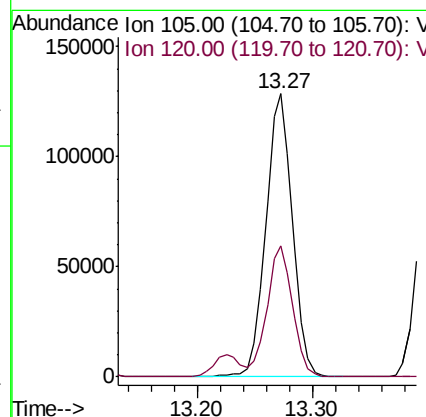
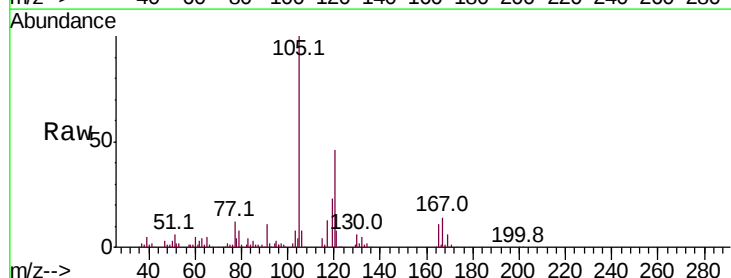
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

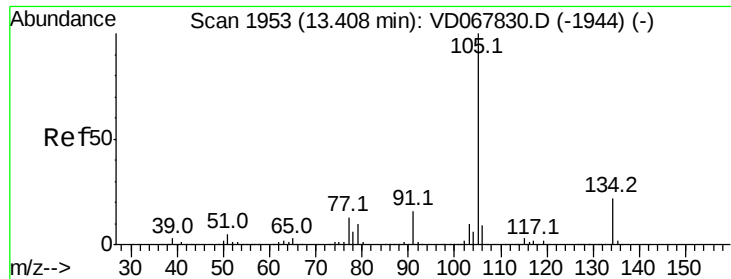
Tot Ion:119 Resp: 177840
Ion Ratio Lower Upper
119 100
91 64.2 33.1 99.3
134 27.3 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.597 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion:105 Resp: 206538
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.454 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

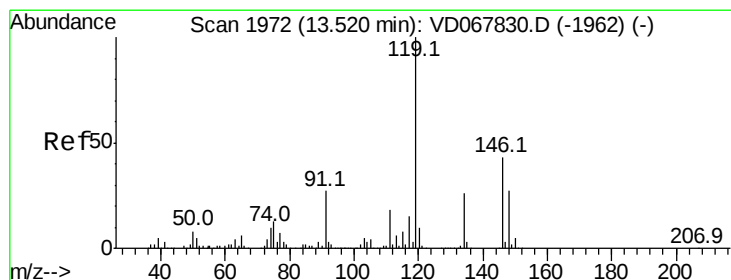
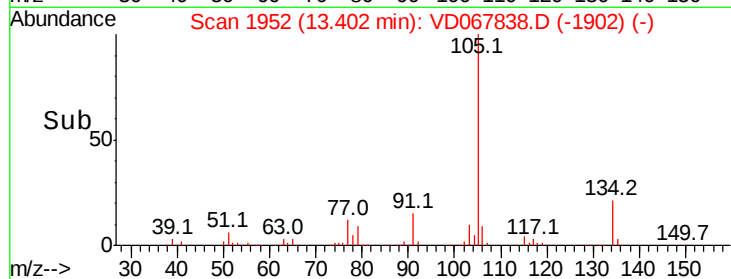
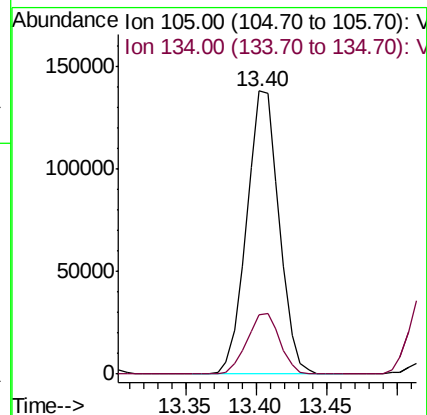
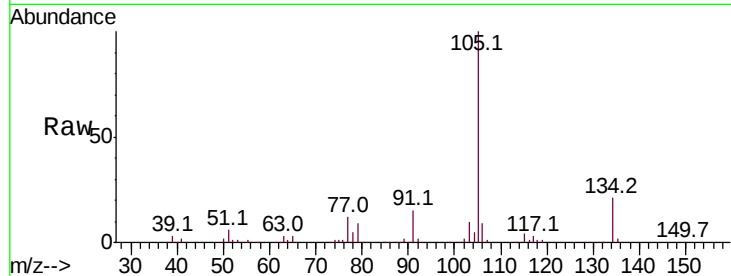
VD1202SBS01

Tot Ion:105 Resp: 222145

Ion Ratio Lower Upper

105 100

134 21.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 18.704 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

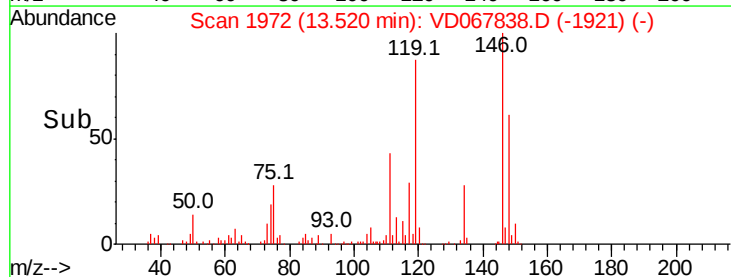
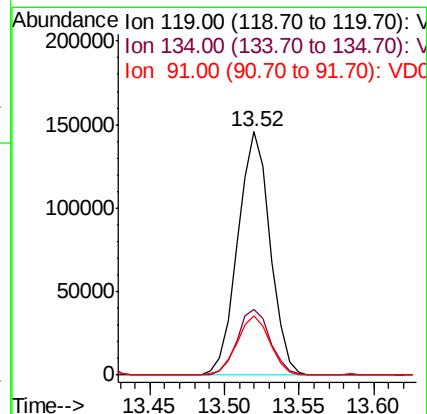
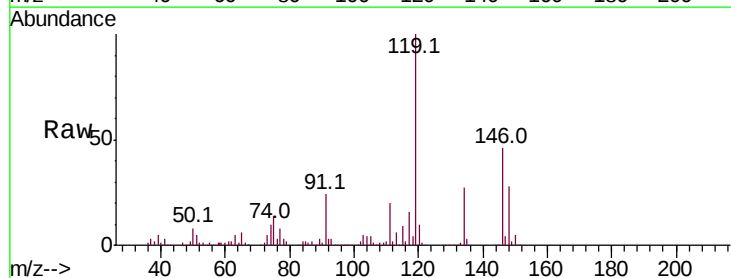
Tgt Ion:119 Resp: 220667

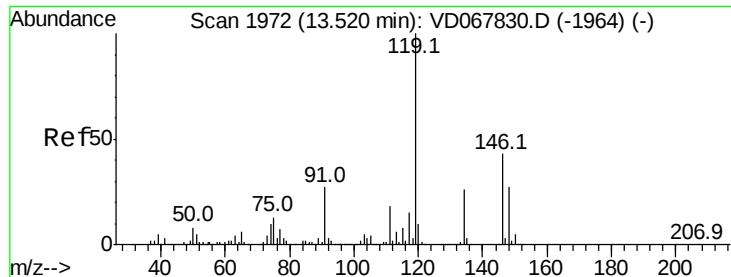
Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 24.7 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 18.952 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

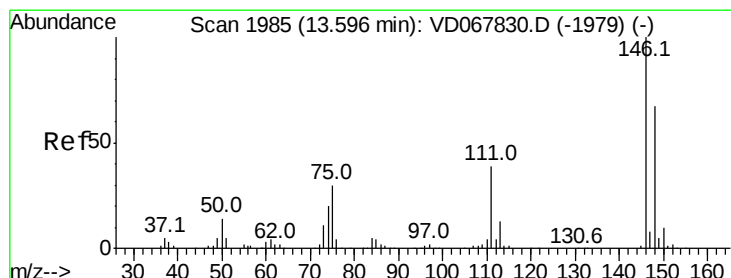
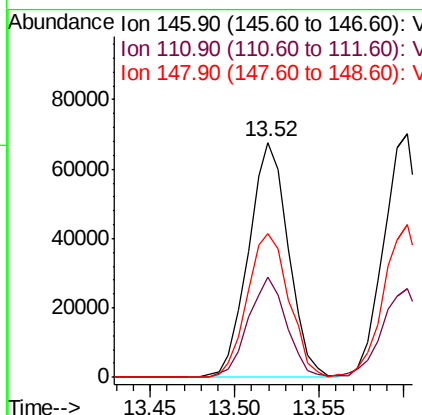
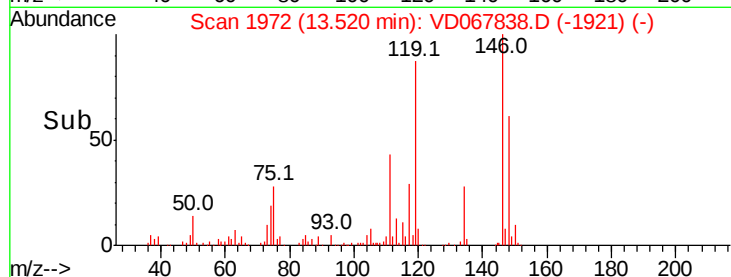
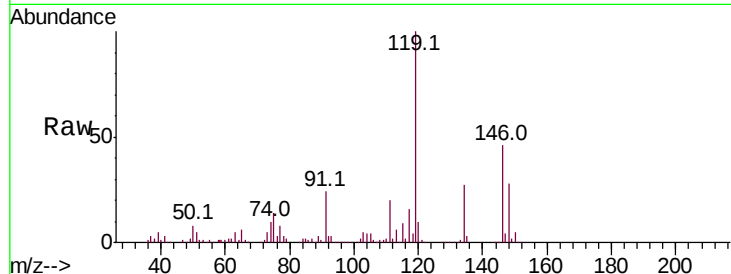
Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :
MSVOA_D
ClientSampleId :
VD1202SBS01

Tot Ion:146 Resp: 111260

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.8	62.2
148	64.1	32.9	98.6



#88

1,4-Dichlorobenzene

Concen: 18.863 ug/l

RT: 13.60 min Scan# 1986

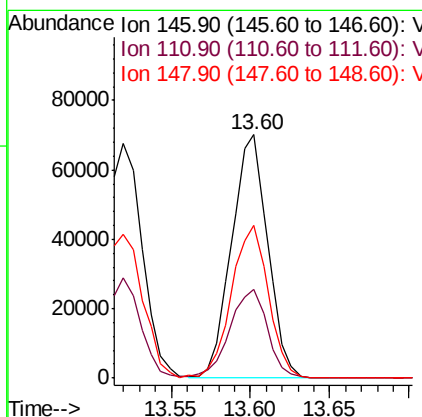
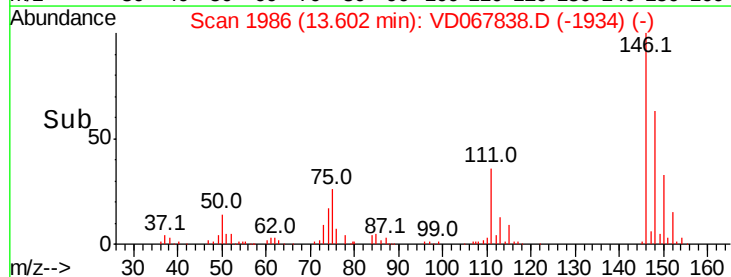
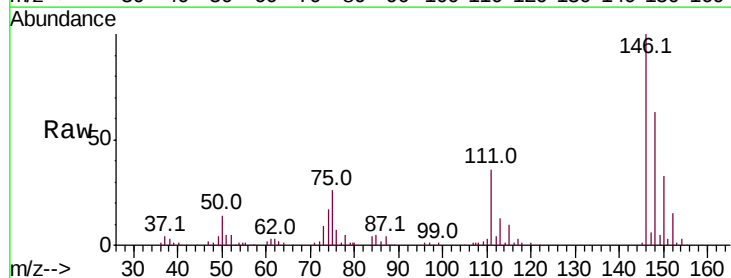
Delta R.T. 0.01 min

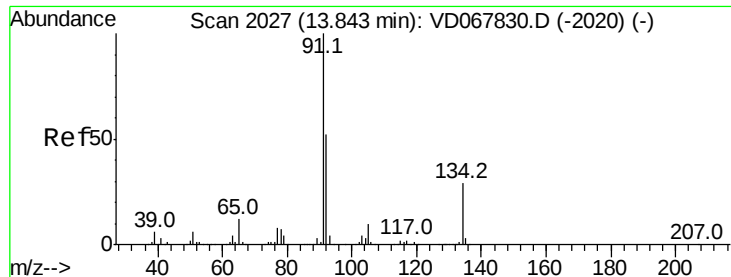
Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Tgt Ion:146 Resp: 110784

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.9	59.6
148	64.1	32.4	97.2

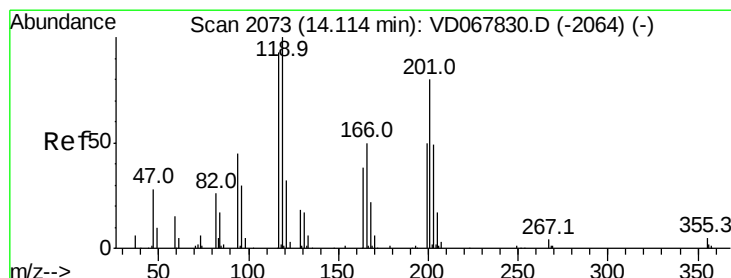
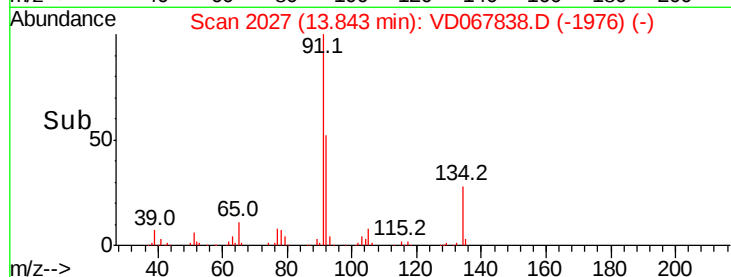
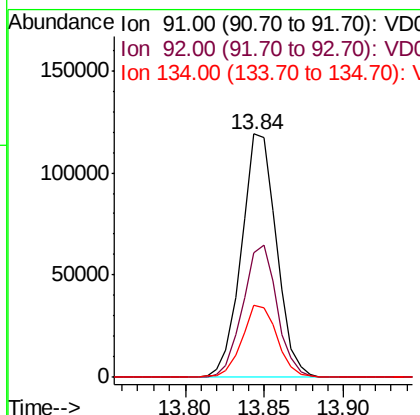
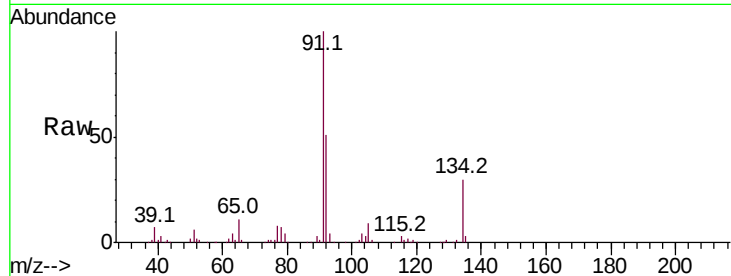




#89
n-Butylbenzene
Concen: 18.570 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

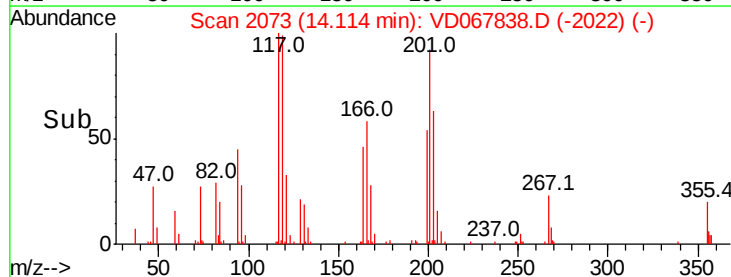
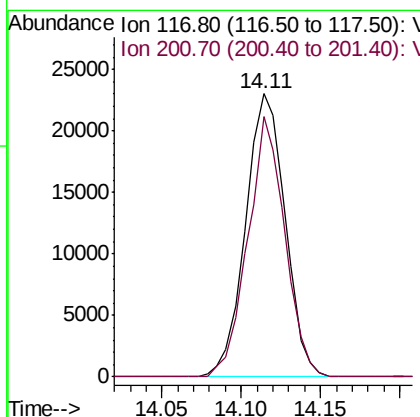
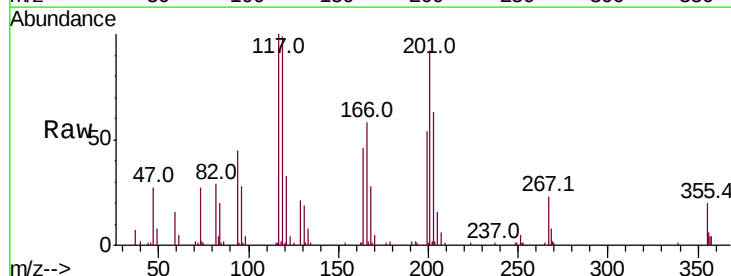
Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

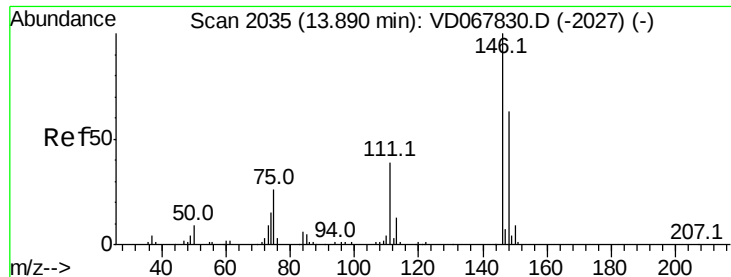
Tot Ion: 91 Resp: 182014
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.8
134 29.7 14.8 44.3



#90
Hexachloroethane
Concen: 18.328 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion: 117 Resp: 39922
Ion Ratio Lower Upper
117 100
201 86.0 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 18.664 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

VD1202SBSD01

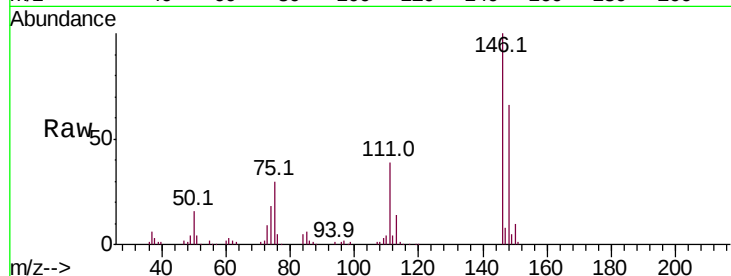
Tot Ion:146 Resp: 95030

Ion Ratio Lower Upper

146 100

111 40.2 20.4 61.2

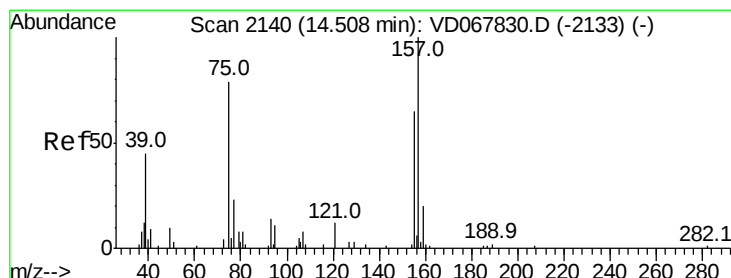
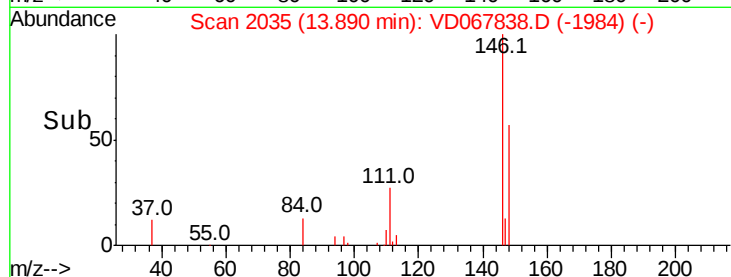
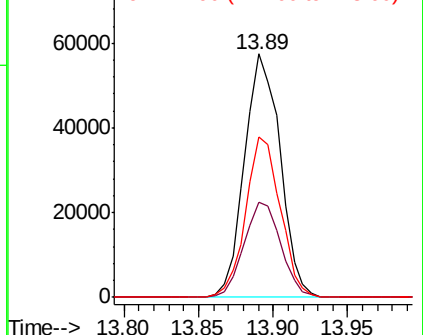
148 63.9 32.1 96.3



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: 18.447 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VD067838.D

Acq: 02 Dec 2020 16:27

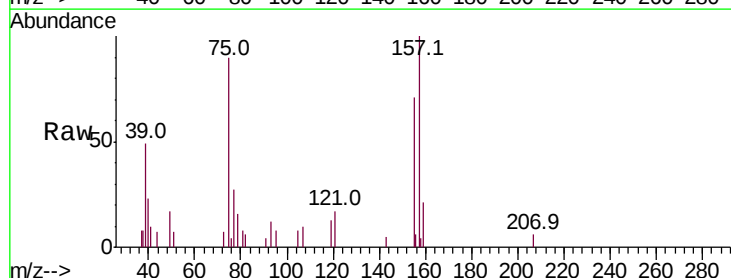
Tgt Ion: 75 Resp: 6222

Ion Ratio Lower Upper

75 100

155 81.7 44.1 132.4

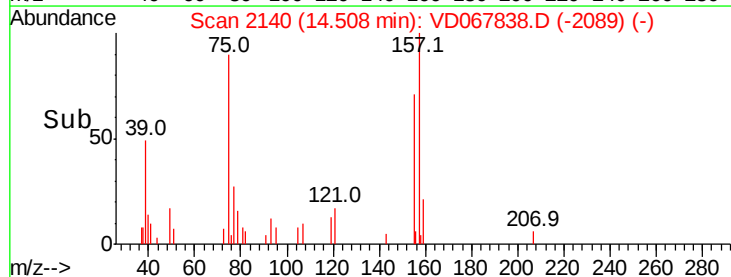
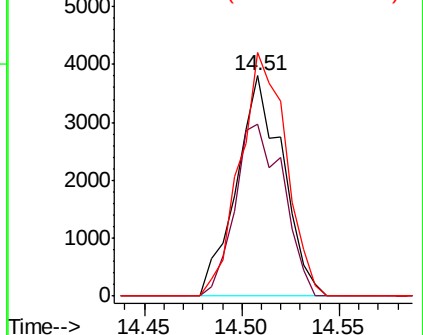
157 110.6 62.4 187.2

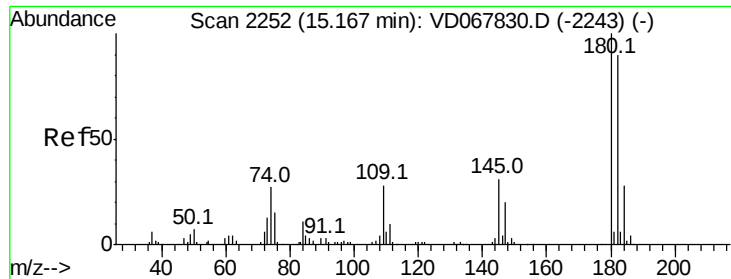


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

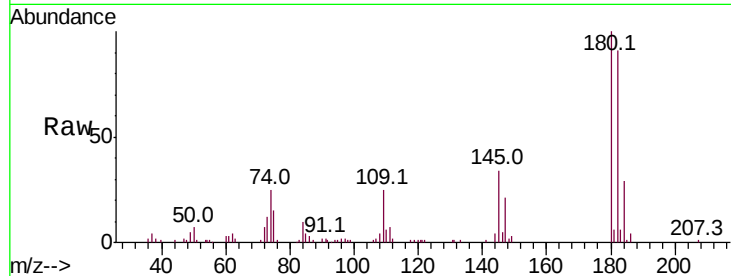




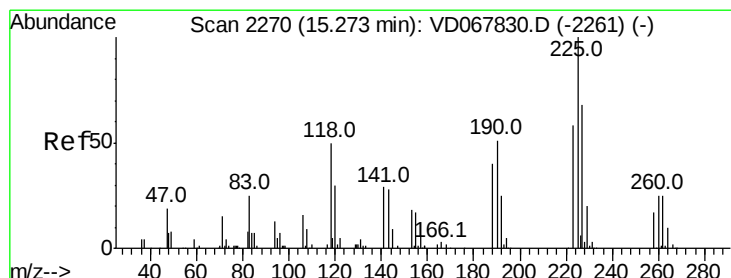
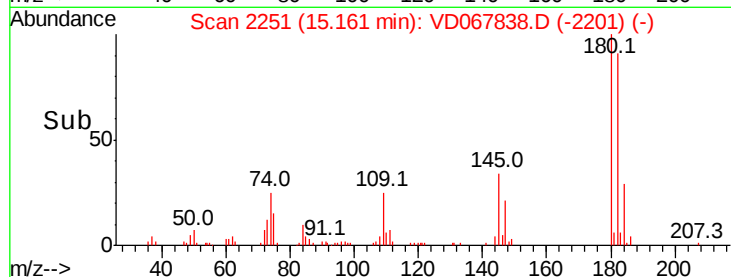
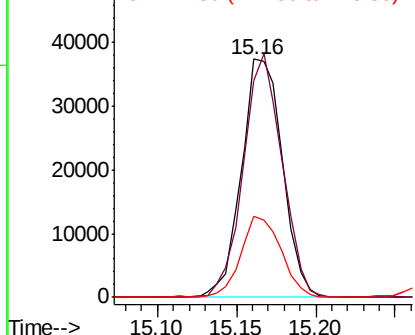
#93
 1,2,4-Trichlorobenzene
 Concen: 18.896 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1202SBS01

Tot Ion:180 Resp: 67299
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.5 142.6
 145 33.3 16.4 49.4

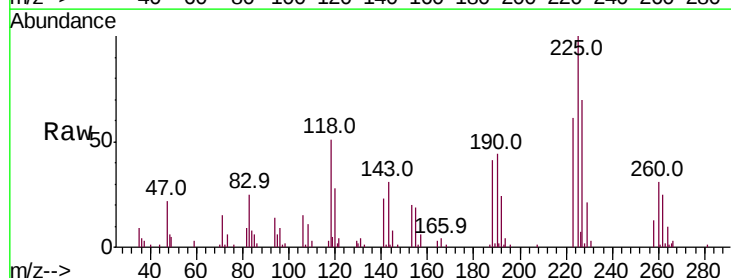


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

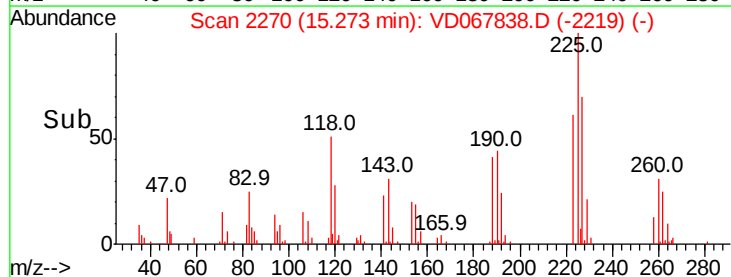
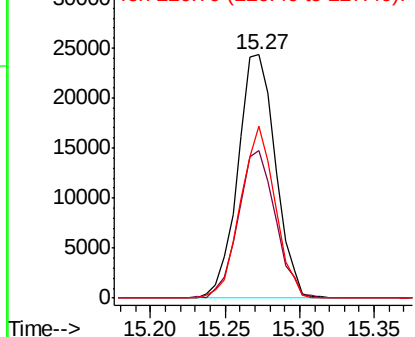


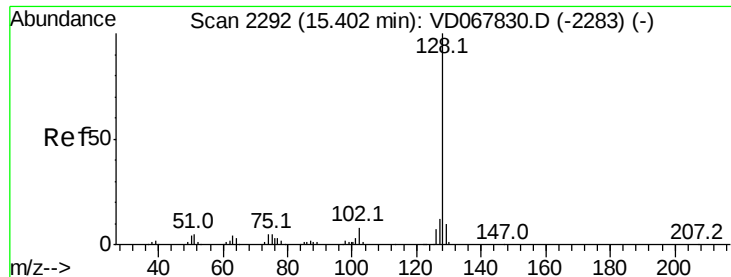
#94
 Hexachlorobutadiene
 Concen: 18.388 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067838.D
 Acq: 02 Dec 2020 16:27

Tgt Ion:225 Resp: 42733
 Ion Ratio Lower Upper
 225 100
 223 59.8 31.1 93.3
 227 64.3 33.1 99.3



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

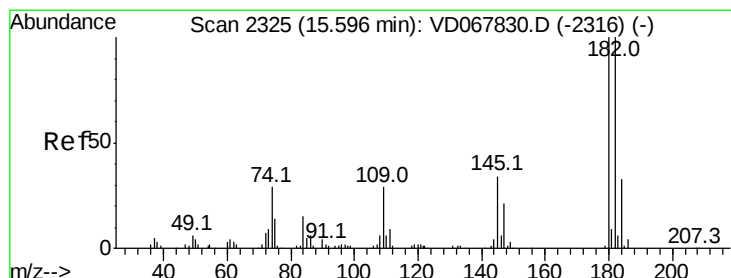
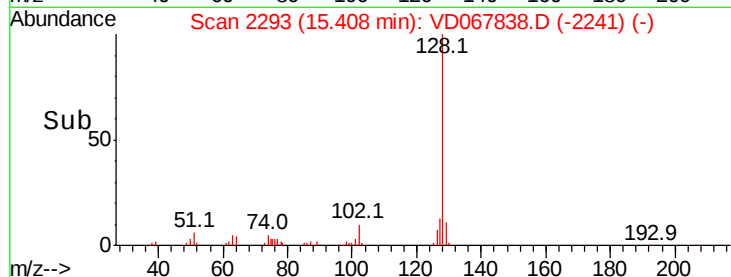
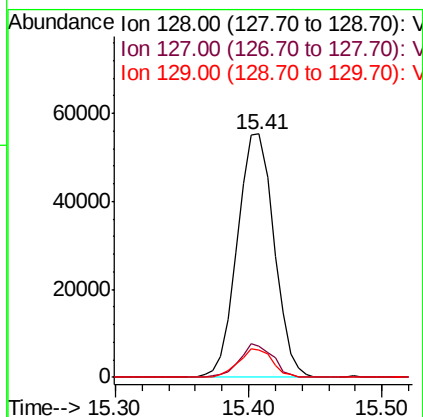
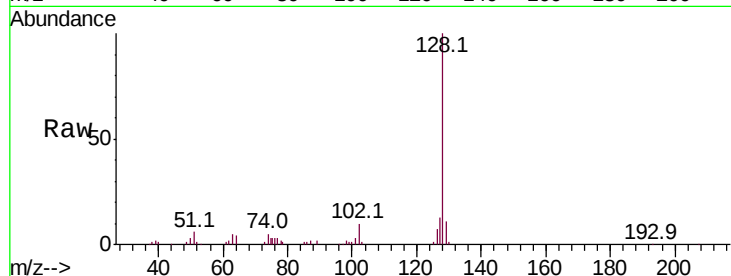




#95
Naphthalene
Concen: 18.187 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Instrument :
MSVOA_D
ClientSampleId :
VD1202SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	15.8
129	10.7	9.0	13.6



#96
1,2,3-Trichlorobenzene
Concen: 18.300 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.01 min
Lab File: VD067838.D
Acq: 02 Dec 2020 16:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.3	142.0
145	36.0	16.8	50.4

