

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067546.D
 Acq On : 06 Nov 2020 11:37
 Operator : VA/SY
 Sample : VD1106SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Quant Time: Nov 06 23:28:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	311844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	452644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	415166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	130823	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.92	113	131671	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	10.34	98	454651	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.64	95	165019	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64357	23.043	ug/l	97
3) Chloromethane	2.21	50	40153	20.677	ug/l	92
4) Vinyl Chloride	2.35	62	42366	19.568	ug/l	97
5) Bromomethane	2.76	94	34908	19.893	ug/l	97
6) Chloroethane	2.91	64	26204	19.631	ug/l	90
7) Trichlorofluoromethane	3.27	101	119610	21.337	ug/l	99
8) Diethyl Ether	3.70	74	23805	21.074	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	63653	22.495	ug/l	96
10) Methyl Iodide	4.30	142	55785	18.394	ug/l	98
11) Tert butyl alcohol	5.21	59	11957	88.726	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	54856	21.076	ug/l	95
13) Acrolein	3.93	56	6719	77.573	ug/l	100
14) Allyl chloride	4.72	41	55149	19.797	ug/l	98
15) Acrylonitrile	5.41	53	45813	109.718	ug/l	99
16) Acetone	4.16	43	42334	103.749	ug/l	89
17) Carbon Disulfide	4.41	76	162586	20.385	ug/l	99
18) Methyl Acetate	4.71	43	19063	22.608	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	111865	21.789	ug/l	95
20) Methylene Chloride	4.97	84	71433	24.783	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	61170	20.178	ug/l	98
22) Diisopropyl ether	6.37	45	119484	22.011	ug/l	95
23) Vinyl Acetate	6.31	43	306845	107.986	ug/l	100
24) 1,1-Dichloroethane	6.27	63	92505	20.830	ug/l	99
25) 2-Butanone	7.21	43	48277	110.727	ug/l	99
26) 2,2-Dichloropropane	7.21	77	98964	21.115	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	68932	21.906	ug/l	99
28) Bromochloromethane	7.55	49	31089	19.681	ug/l	97
29) Tetrahydrofuran	7.57	42	29866	114.356	ug/l	98
30) Chloroform	7.71	83	114496	21.611	ug/l	99
31) Cyclohexane	7.98	56	79521	20.108	ug/l #	79
32) 1,1,1-Trichloroethane	7.91	97	115723	21.170	ug/l	99
36) 1,1-Dichloropropene	8.11	75	84706	21.862	ug/l	99
37) Ethyl Acetate	7.29	43	22188	22.058	ug/l	98
38) Carbon Tetrachloride	8.10	117	114024	22.650	ug/l	96

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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	97889	21.466	ug/l	94
40) Benzene	8.35	78	234500	22.343	ug/l	98
41) Methacrylonitrile	7.51	41	11380	18.926	ug/l #	91
42) 1,2-Dichloroethane	8.43	62	73017	22.517	ug/l	100
43) Isopropyl Acetate	8.46	43	46708	23.479	ug/l	99
44) Trichloroethene	9.11	130	75117	21.767	ug/l	92
45) 1,2-Dichloropropane	9.39	63	50667	22.329	ug/l	93
46) Dibromomethane	9.47	93	33109	22.948	ug/l	97
47) Bromodichloromethane	9.66	83	88934	22.679	ug/l	95
48) Methyl methacrylate	9.46	41	23165	22.553	ug/l	97
49) 1,4-Dioxane	9.47	88	7139	487.412	ug/l #	89
51) 4-Methyl-2-Pentanone	10.23	43	109875	115.485	ug/l	98
52) Toluene	10.41	92	159094	22.632	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	76903	22.897	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	89703	22.480	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	43520	22.797	ug/l	95
56) Ethyl methacrylate	10.67	69	43239	21.934	ug/l	96
57) 1,3-Dichloropropane	10.95	76	70429	22.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	99406	108.133	ug/l	99
59) 2-Hexanone	10.99	43	78720	118.334	ug/l	96
60) Dibromochloromethane	11.14	129	64066	22.687	ug/l	99
61) 1,2-Dibromoethane	11.25	107	41989	21.916	ug/l	99
64) Tetrachloroethene	10.88	164	67841	22.064	ug/l	99
65) Chlorobenzene	11.67	112	175462	21.940	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	68553	21.749	ug/l	99
67) Ethyl Benzene	11.75	91	301965	22.066	ug/l	97
68) m/p-Xylenes	11.86	106	238965	44.884	ug/l	98
69) o-Xylene	12.18	106	105600	22.216	ug/l	100
70) Styrene	12.20	104	184376	22.260	ug/l	98
71) Bromoform	12.37	173	38284	23.815	ug/l #	96
73) Isopropylbenzene	12.48	105	303200	21.955	ug/l	99
74) N-amyl acetate	12.29	43	41243	22.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	43565	23.135	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	60193	46.696	ug/l #	100
77) Bromobenzene	12.76	156	75715	22.325	ug/l	97
78) n-propylbenzene	12.83	91	345372	21.865	ug/l	99
79) 2-Chlorotoluene	12.91	91	197873	22.052	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	262868	22.283	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	13040	20.538	ug/l	95
82) 4-Chlorotoluene	13.01	91	215753	22.420	ug/l	97
83) tert-Butylbenzene	13.23	119	220797	22.084	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	260335	22.170	ug/l	98
85) sec-Butylbenzene	13.41	105	291797	21.620	ug/l	98
86) p-Isopropyltoluene	13.52	119	285470	21.903	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	143848	22.228	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	140657	21.465	ug/l	98
89) n-Butylbenzene	13.85	91	241290	21.433	ug/l	99
90) Hexachloroethane	14.11	117	54475	22.195	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	120773	21.563	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7963	23.883	ug/l	95

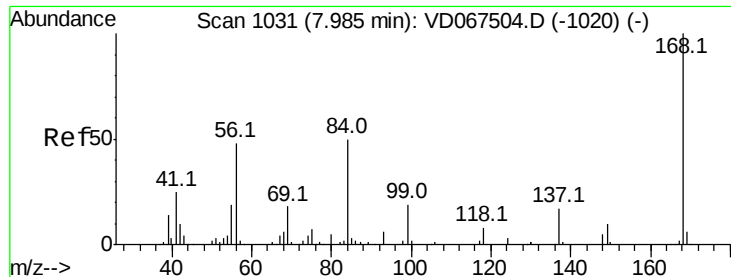
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110620\
Data File : VD067546.D
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Sample : VD1106SBS01
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	84283	22.172	ug/l	98
94) Hexachlorobutadiene	15.27	225	51438	20.218	ug/l	99
95) Naphthalene	15.40	128	133057	22.681	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	71682	22.020	ug/l	99

(#) = 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: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

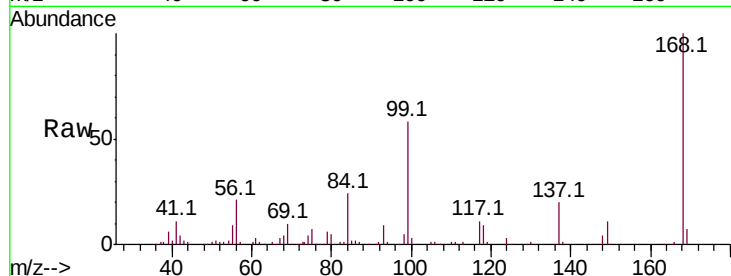
VD1106SBS01

Tot Ion:168 Resp: 311844

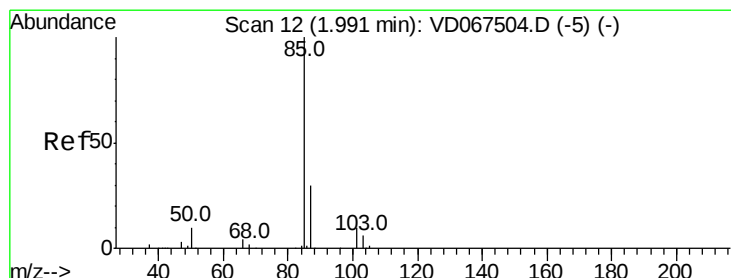
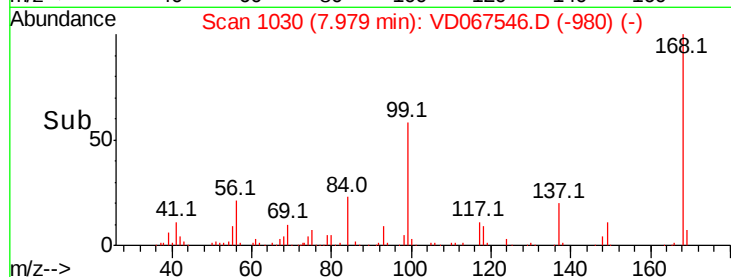
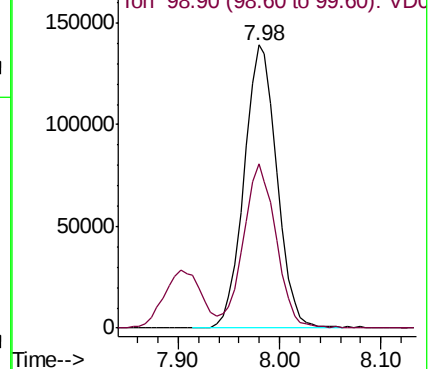
Ion Ratio Lower Upper

168 100

99 57.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 23.043 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067546.D

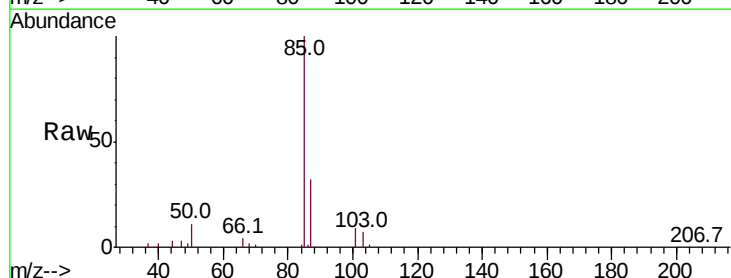
Acq: 06 Nov 2020 11:37

Tgt Ion: 85 Resp: 64357

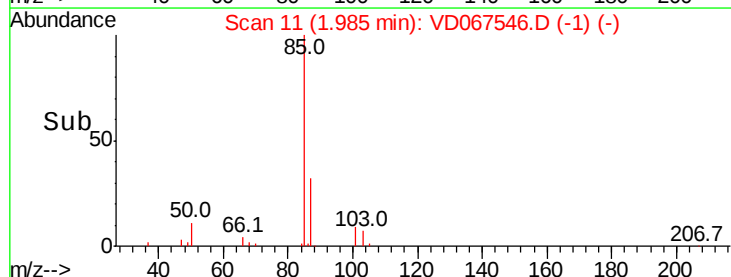
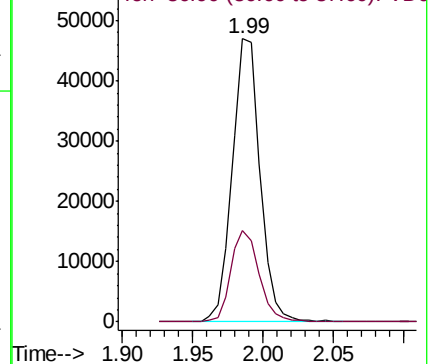
Ion Ratio Lower Upper

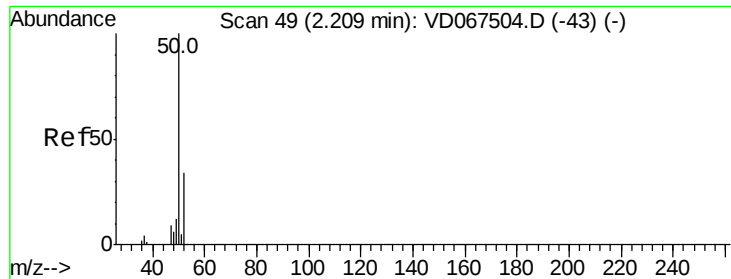
85 100

87 32.1 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): V





#3

Chloromethane

Concen: 20.677 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

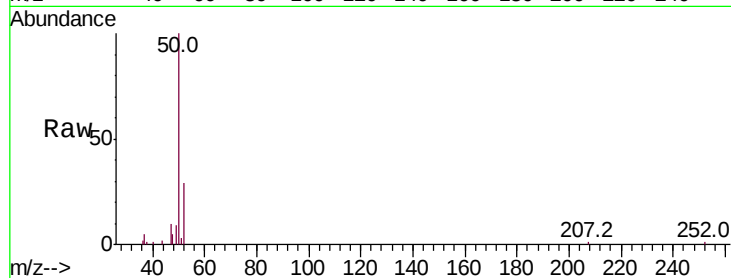
VD1106SBS01

Tot Ion: 50 Resp: 40153

Ion Ratio Lower Upper

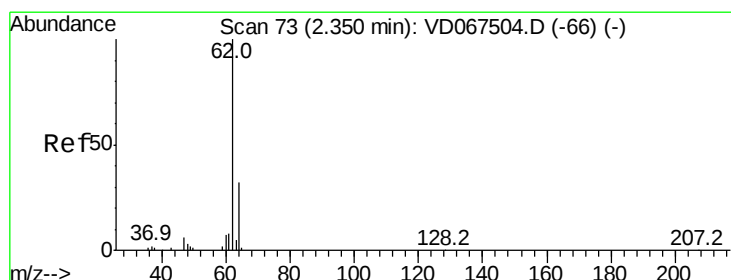
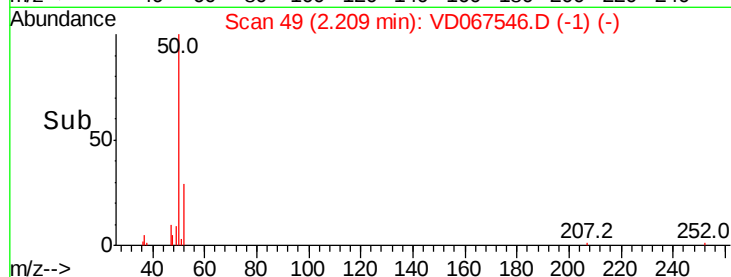
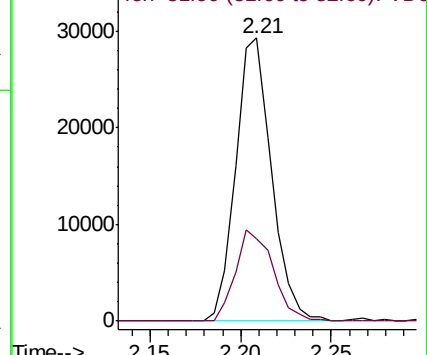
50 100

52 29.3 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.568 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067546.D

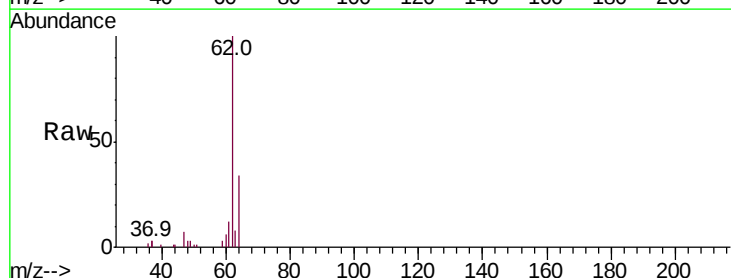
Acq: 06 Nov 2020 11:37

Tgt Ion: 62 Resp: 42366

Ion Ratio Lower Upper

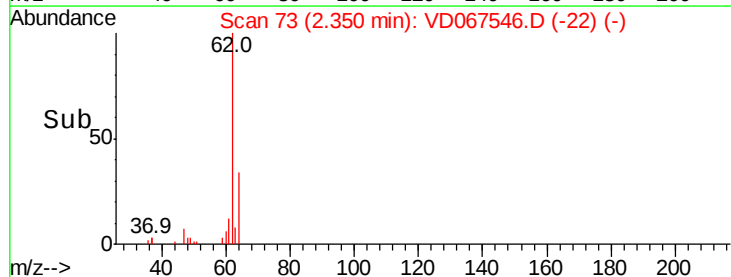
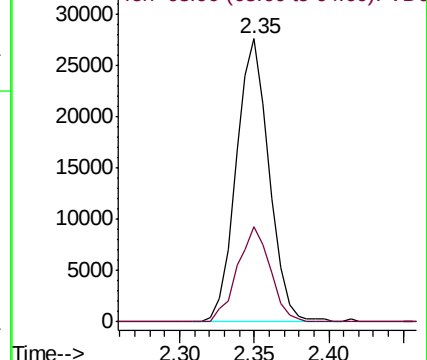
62 100

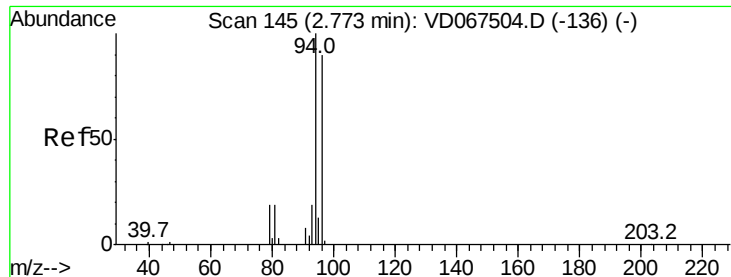
64 33.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.893 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

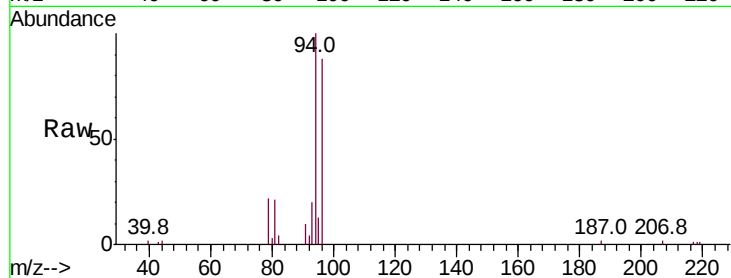
VD1106SBS01

Tot Ion: 94 Resp: 34908

Ion Ratio Lower Upper

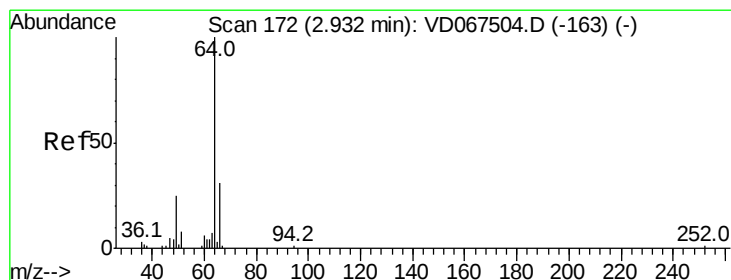
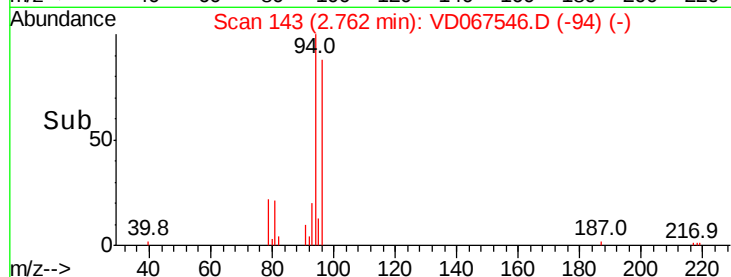
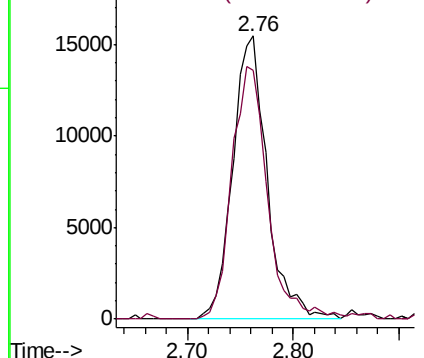
94 100

96 87.8 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.631 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.02 min

Lab File: VD067546.D

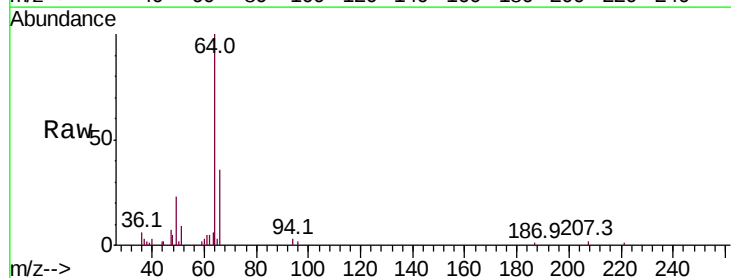
Acq: 06 Nov 2020 11:37

Tgt Ion: 64 Resp: 26204

Ion Ratio Lower Upper

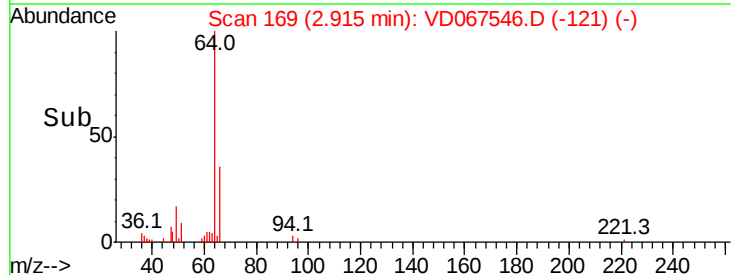
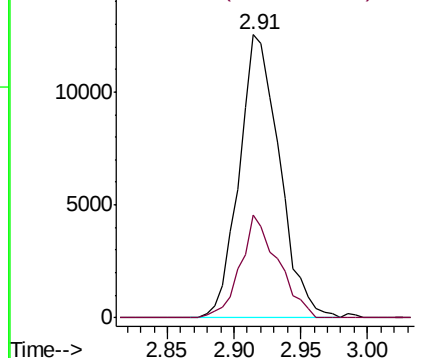
64 100

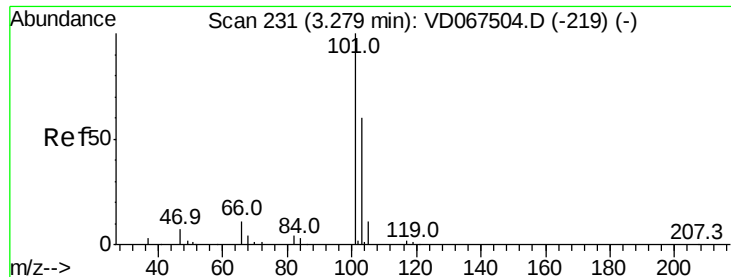
66 36.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



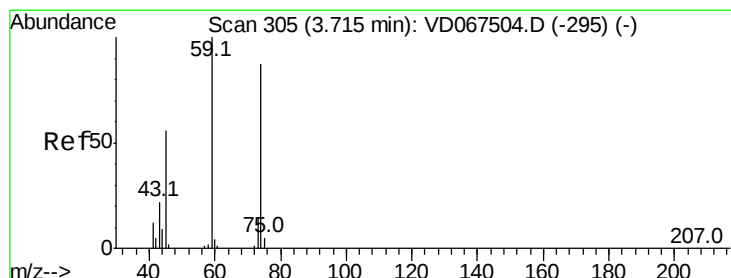
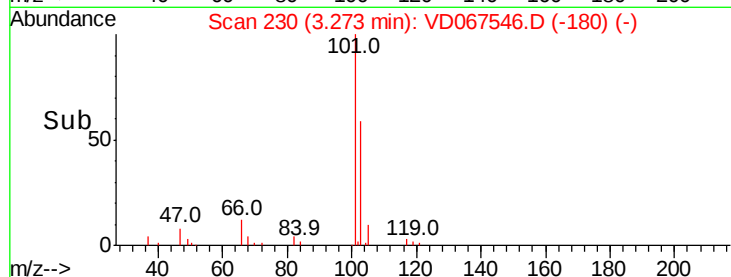
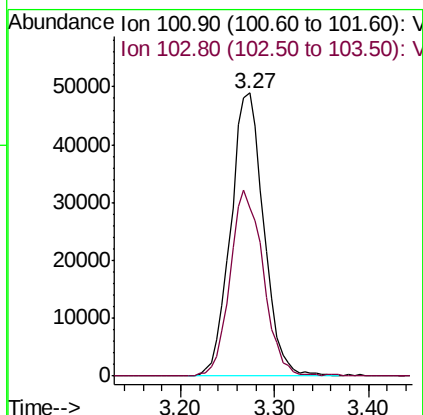
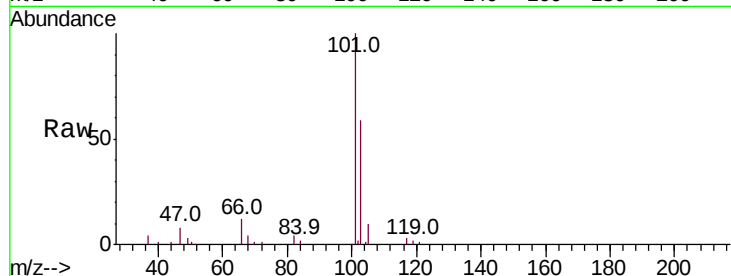


#7

Trichlorofluoromethane
 Concen: 21.337 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

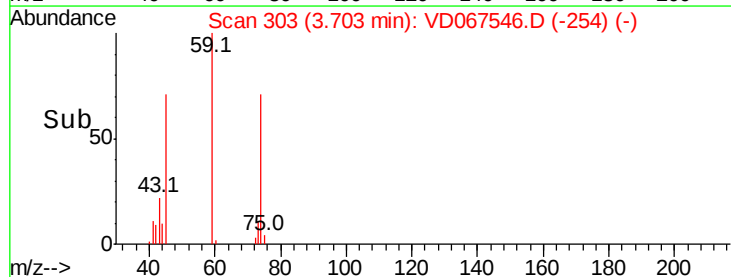
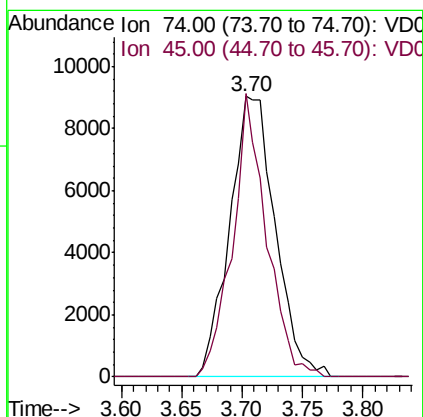
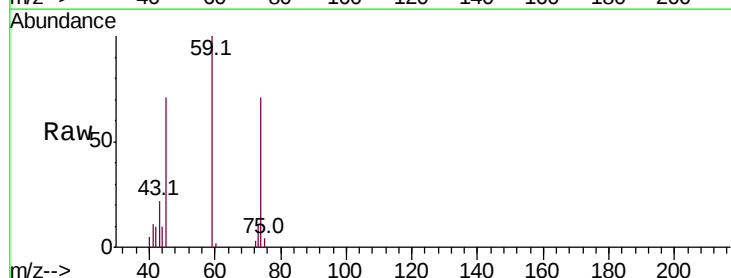
Tot Ion:101 Resp: 119610
 Ion Ratio Lower Upper
 101 100
 103 59.4 48.1 72.1

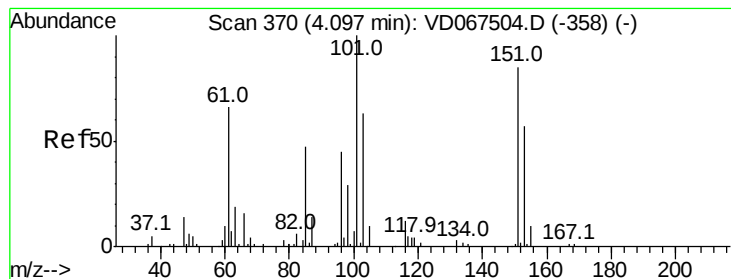


#8

Diethyl Ether
 Concen: 21.074 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 74 Resp: 23805
 Ion Ratio Lower Upper
 74 100
 45 75.2 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.495 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

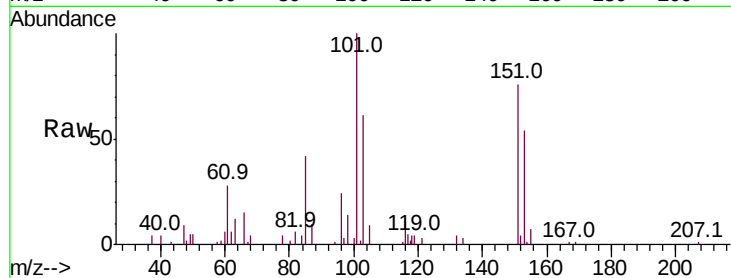
Tot Ion:101 Resp: 63653

Ion Ratio Lower Upper

101 100

85 42.3 34.4 51.6

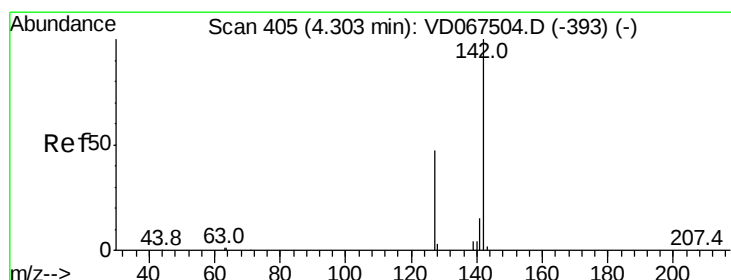
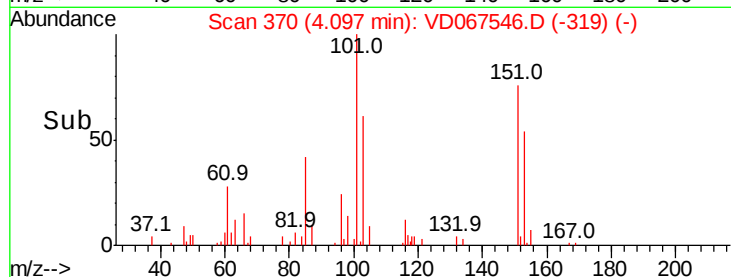
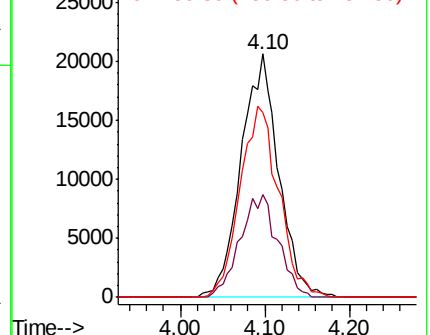
151 80.8 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.394 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

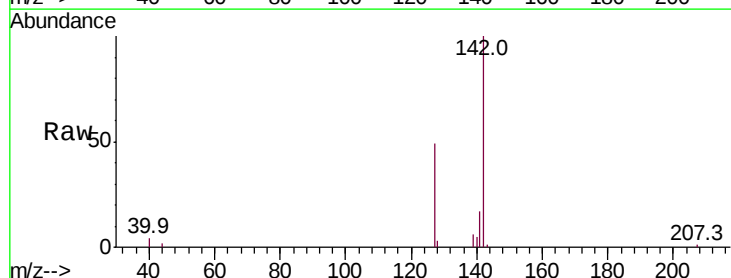
Tgt Ion:142 Resp: 55785

Ion Ratio Lower Upper

142 100

127 48.7 40.0 60.0

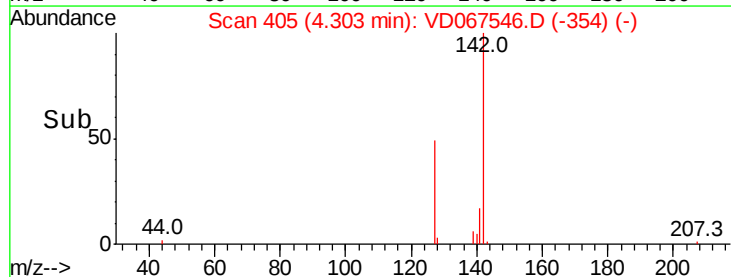
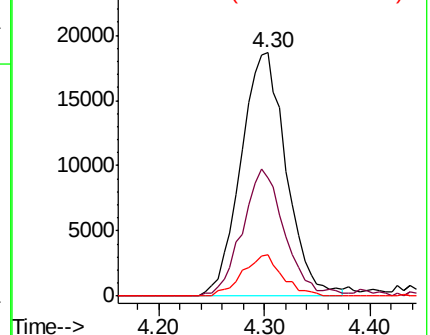
141 14.9 11.7 17.5

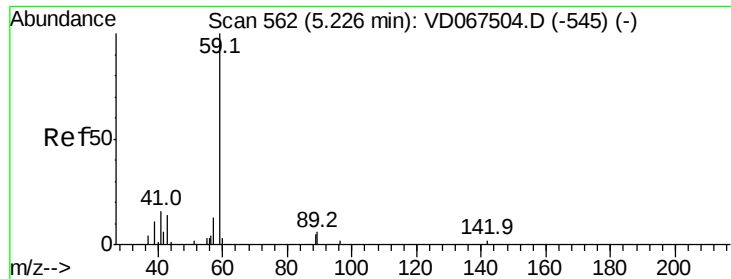


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

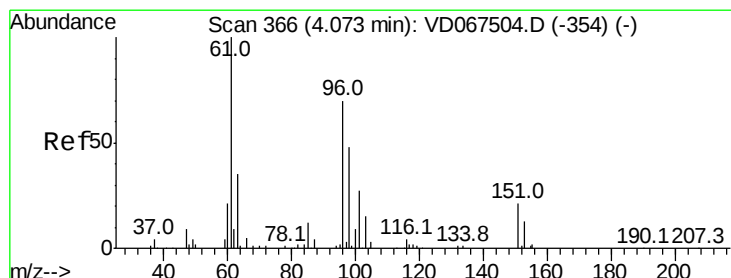
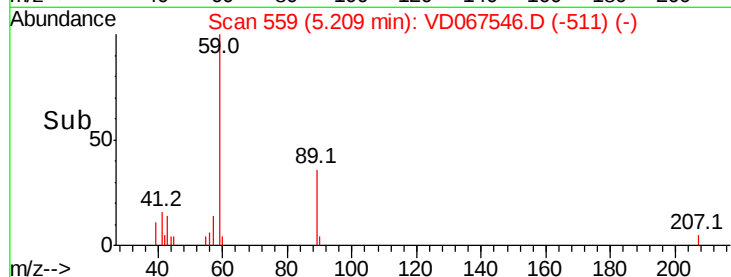
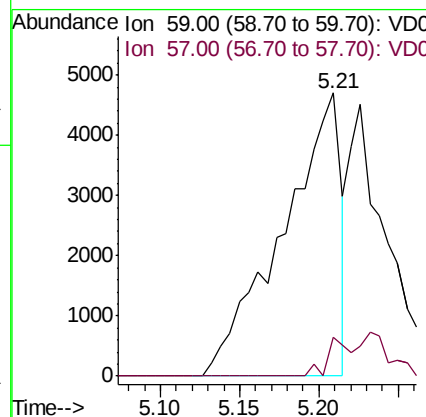
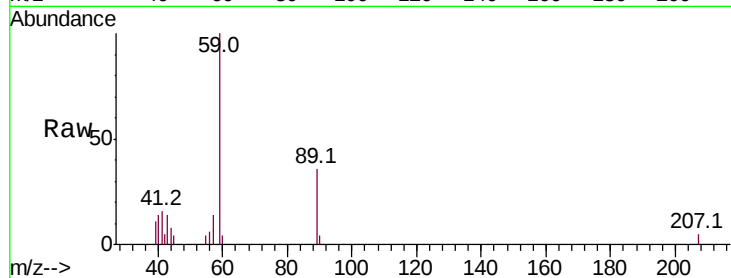




#11
Tert butyl alcohol
Concen: 88.726 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

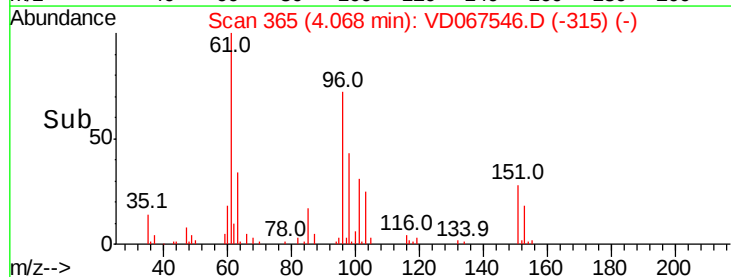
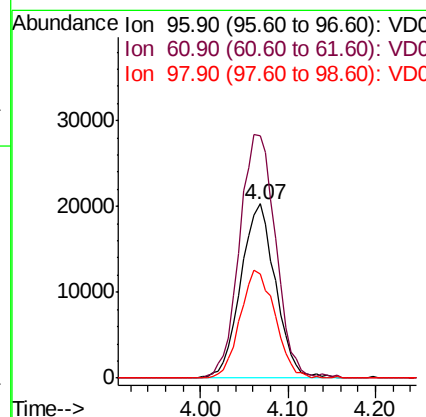
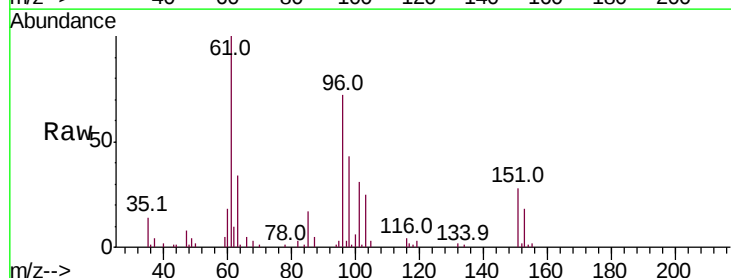
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

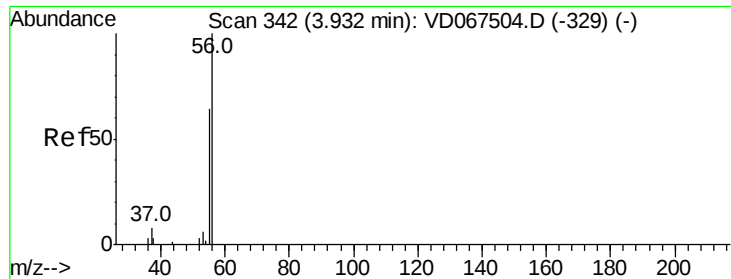
Tot Ion: 59 Resp: 11957
Ion Ratio Lower Upper
59 100
57 5.2 5.9 8.9#



#12
1,1-Dichloroethene
Concen: 21.076 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 96 Resp: 54856
Ion Ratio Lower Upper
96 100
61 139.4 114.5 171.7
98 59.9 54.5 81.7





#13

Acrolein

Concen: 77.573 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

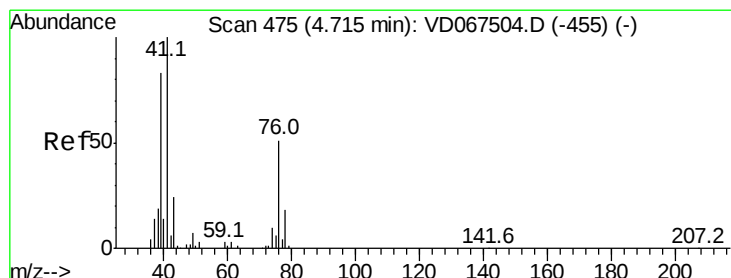
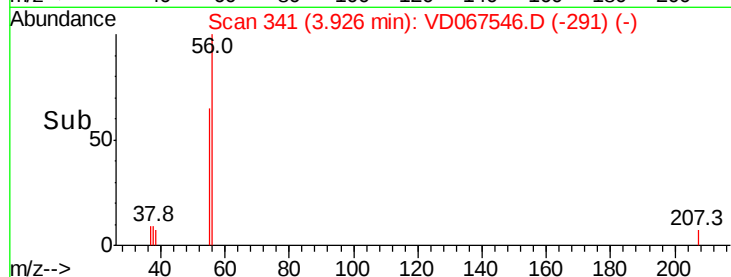
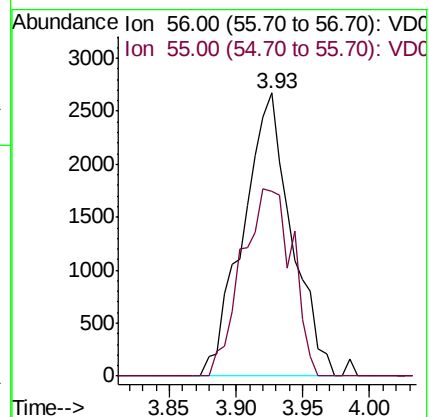
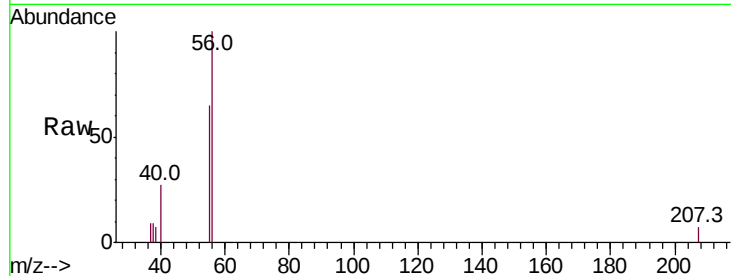
VD1106SBS01

Tot Ion: 56 Resp: 6719

Ion Ratio Lower Upper

56 100

55 69.4 55.8 83.8



#14

Allyl chloride

Concen: 19.797 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

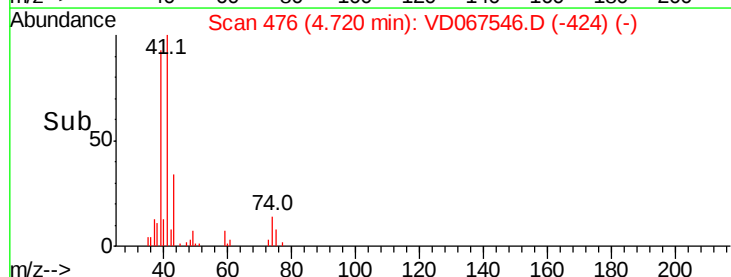
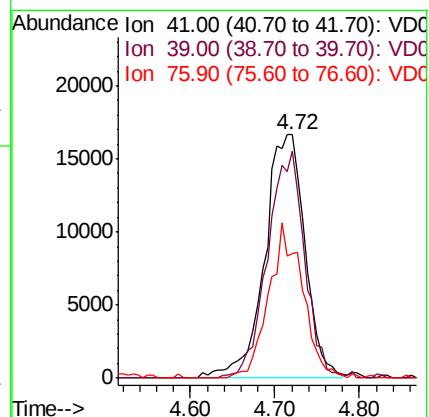
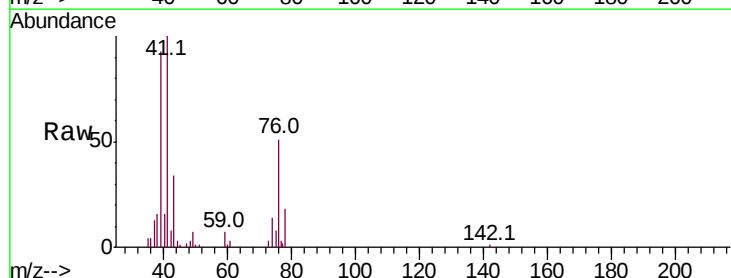
Tgt Ion: 41 Resp: 55149

Ion Ratio Lower Upper

41 100

39 85.9 67.4 101.0

76 53.4 42.2 63.2





#15

Acrylonitrile

Concen: 109.718 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.02 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

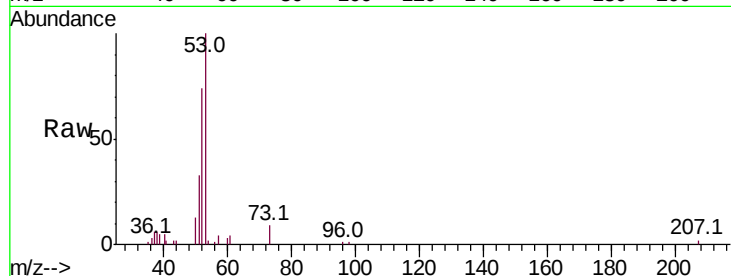
Tot Ion: 53 Resp: 45813

Ion Ratio Lower Upper

53 100

52 80.8 64.8 97.2

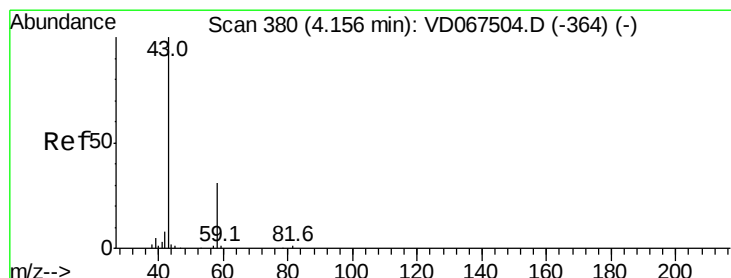
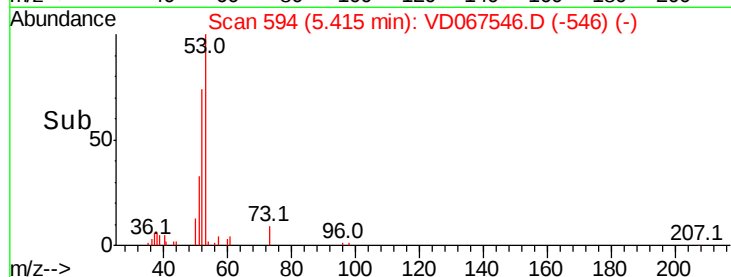
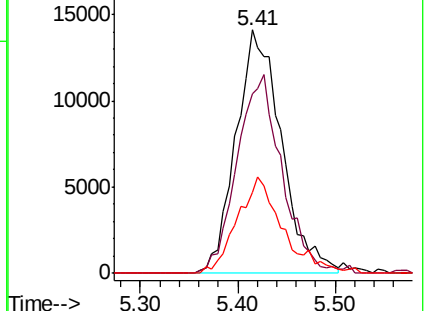
51 39.2 29.5 44.3



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: 103.749 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067546.D

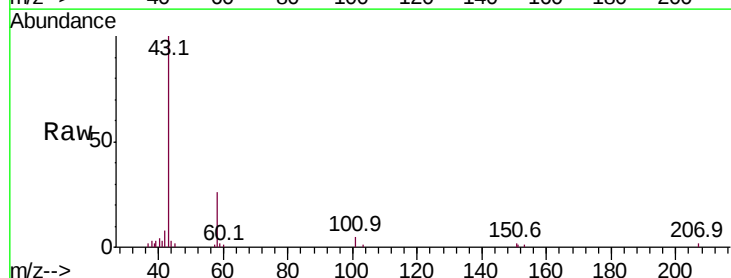
Acq: 06 Nov 2020 11:37

Tgt Ion: 43 Resp: 42334

Ion Ratio Lower Upper

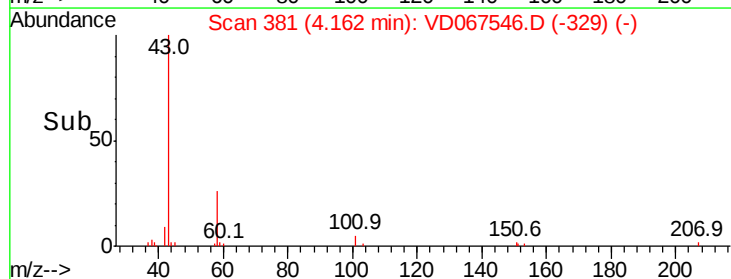
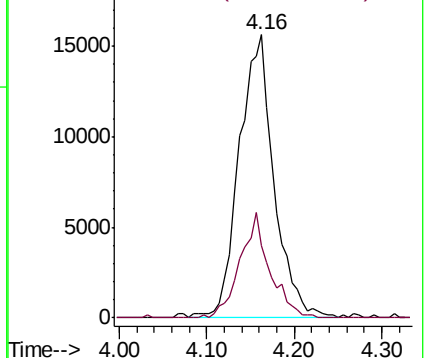
43 100

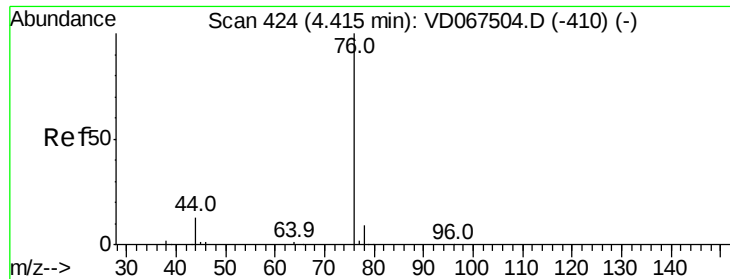
58 25.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

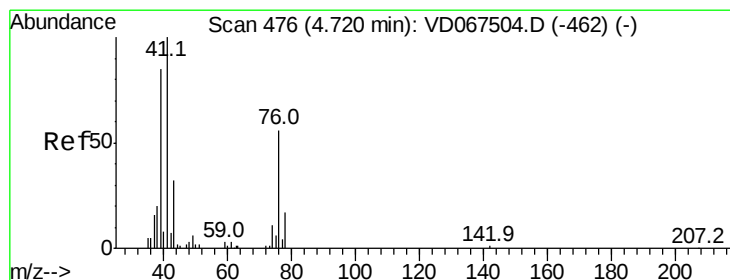
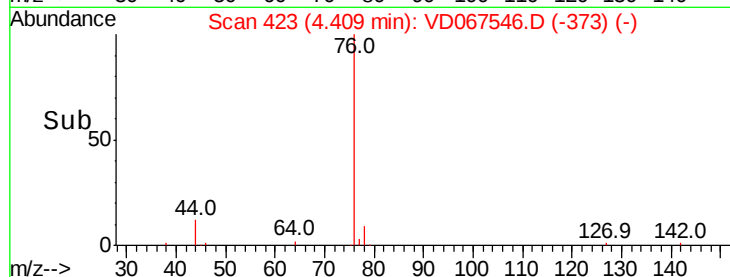
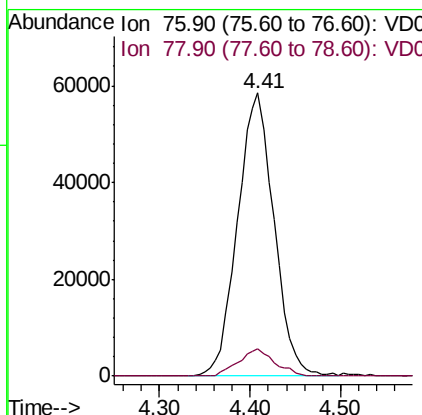
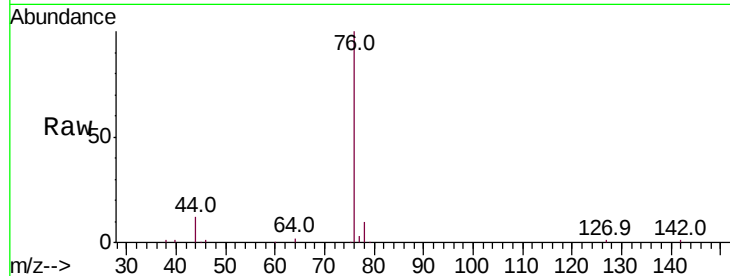




#17
Carbon Disulfide
Concen: 20.385 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

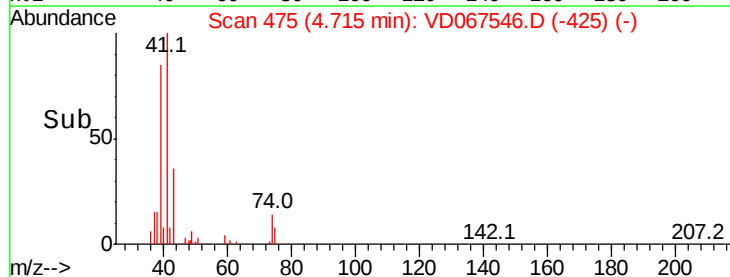
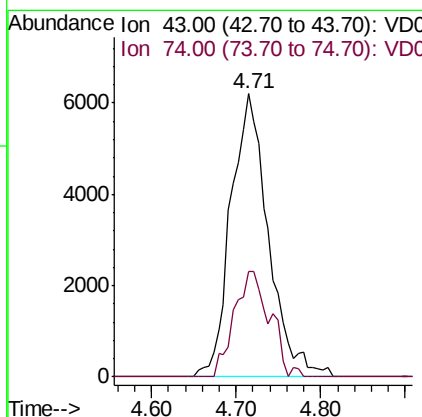
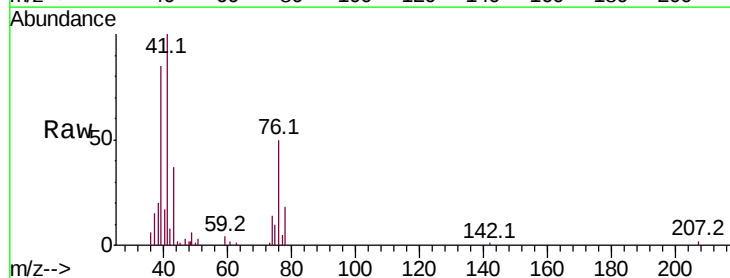
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

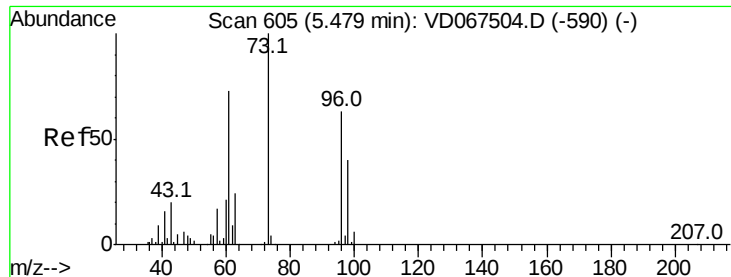
Tot Ion: 76 Resp: 162586
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 22.608 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 43 Resp: 19063
Ion Ratio Lower Upper
43 100
74 35.4 27.2 40.8



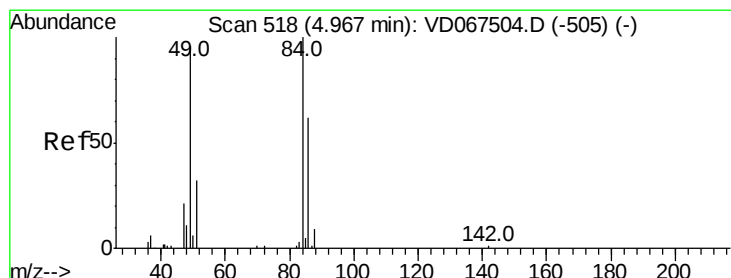
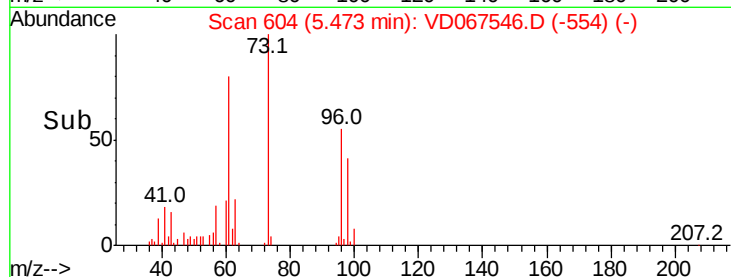
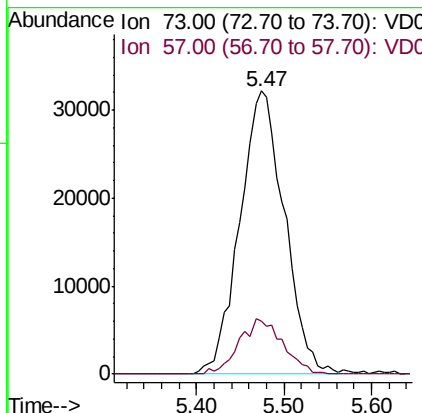
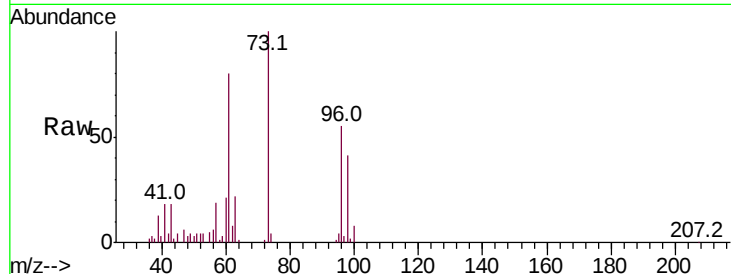


#19

Methyl tert-butyl Ether
 Concen: 21.789 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

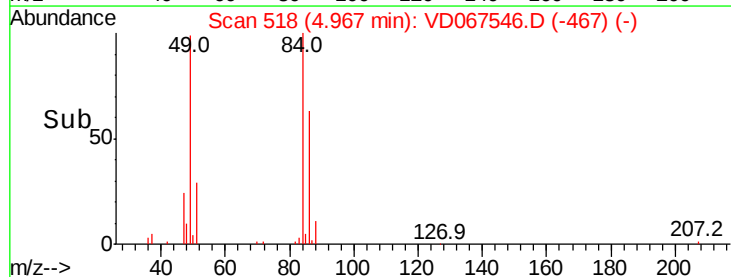
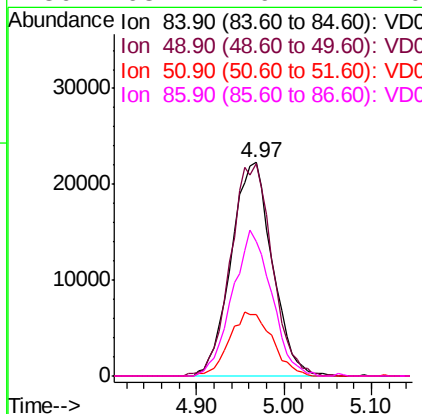
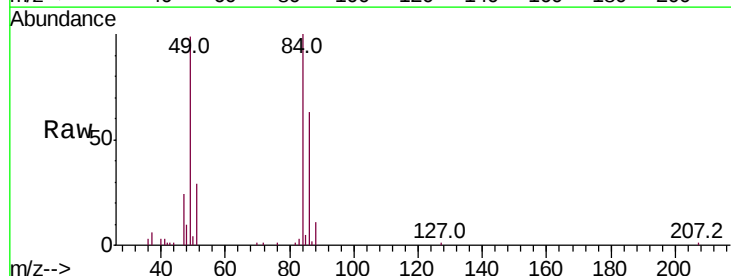
Tot Ion: 73 Resp: 111865
 Ion Ratio Lower Upper
 73 100
 57 18.7 13.4 20.0

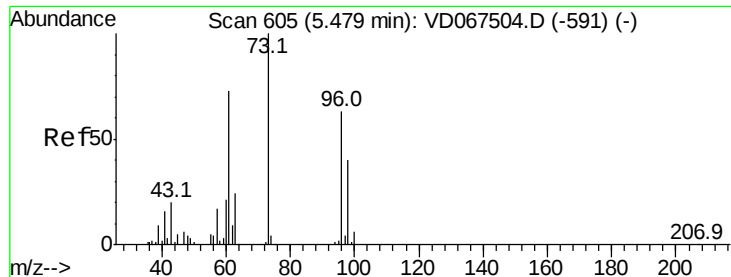


#20

Methylene Chloride
 Concen: 24.783 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 84 Resp: 71433
 Ion Ratio Lower Upper
 84 100
 49 99.3 77.0 115.4
 51 29.0 25.4 38.2
 86 63.1 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.178 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

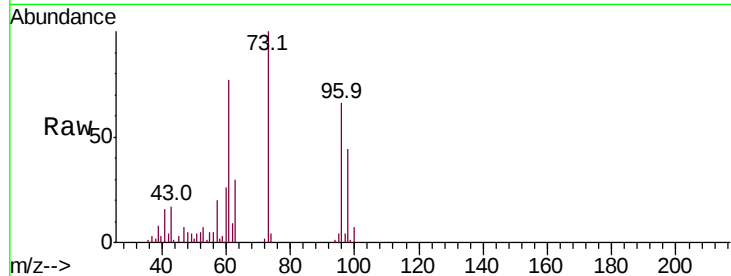
Tot Ion: 96 Resp: 61170

Ion Ratio Lower Upper

96 100

61 116.6 93.0 139.6

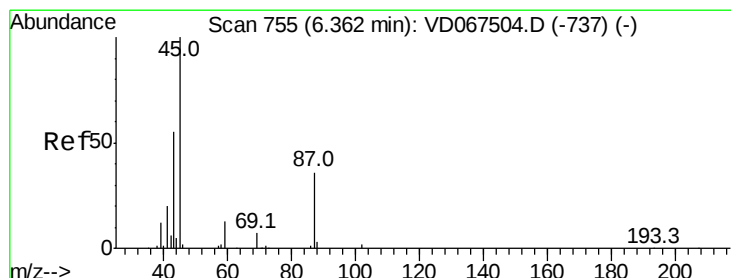
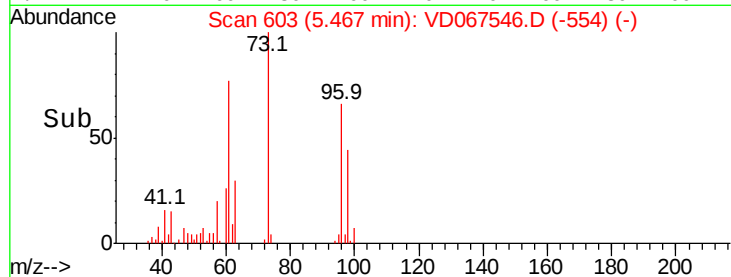
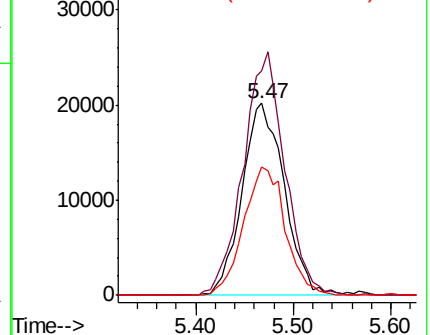
98 66.8 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 22.011 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Tgt Ion: 45 Resp: 119484

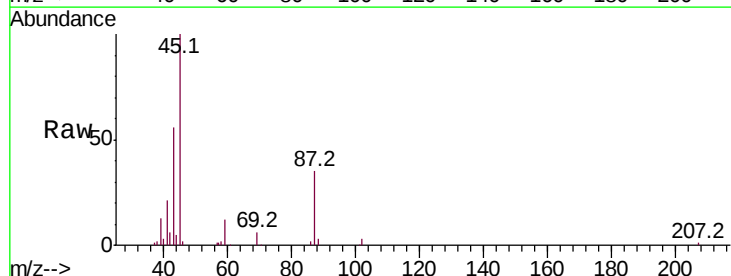
Ion Ratio Lower Upper

45 100

43 54.0 46.2 69.4

87 34.1 29.4 44.2

59 11.7 10.8 16.2

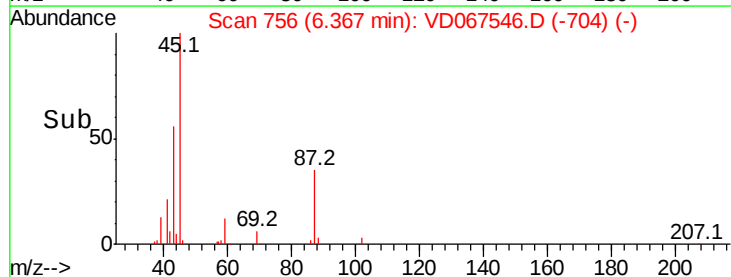
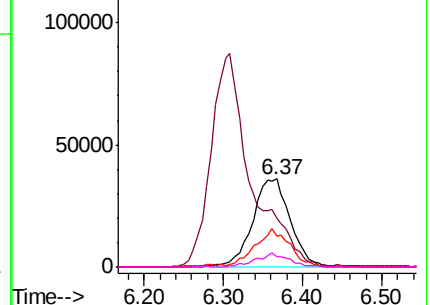


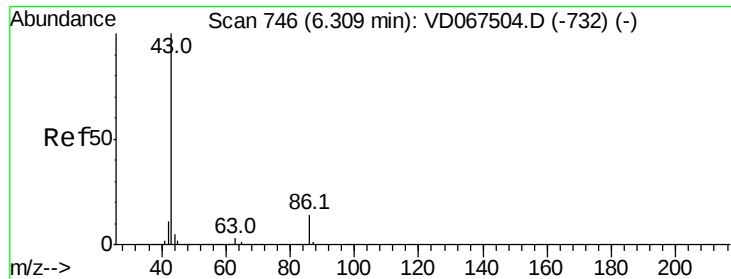
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC

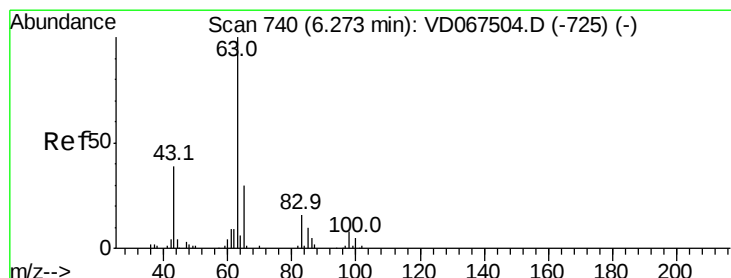
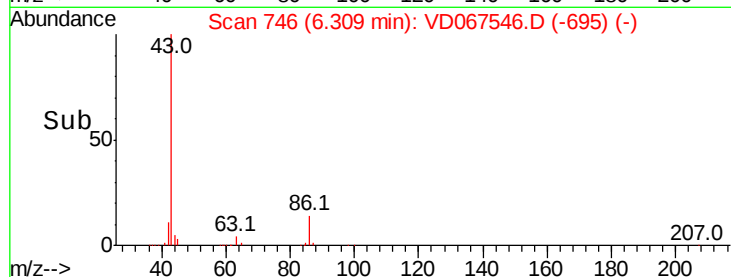
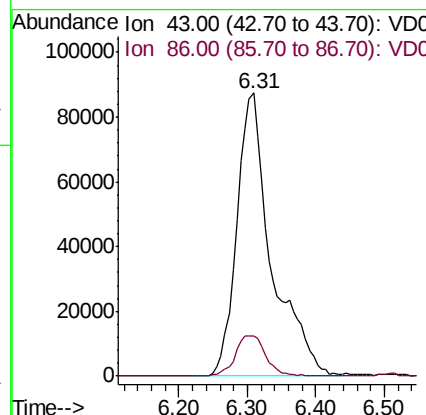
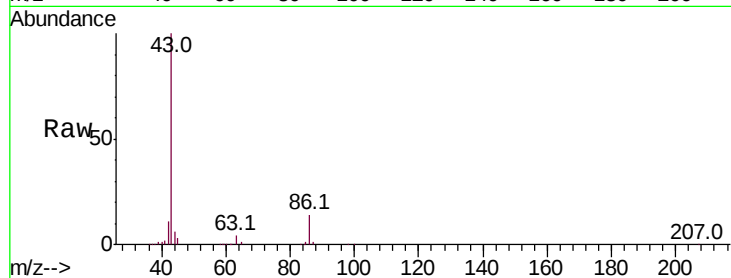




#23
 Vinyl Acetate
 Concen: 107.986 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

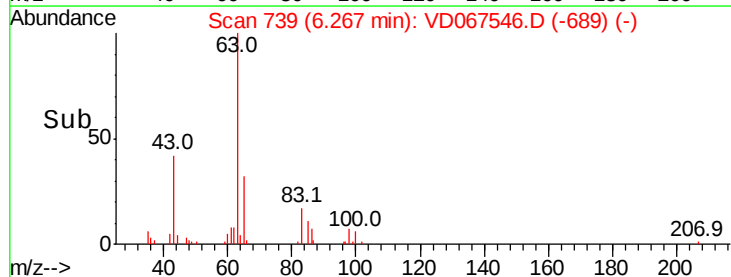
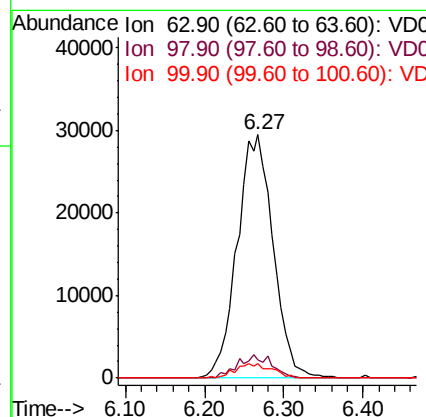
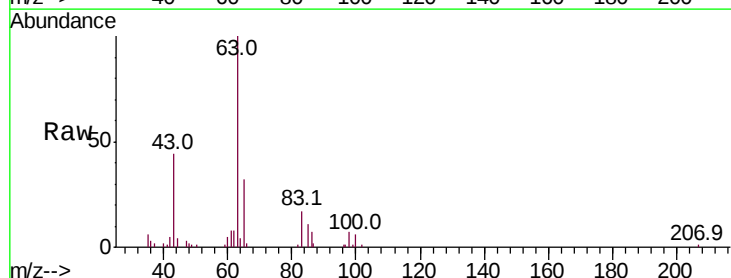
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

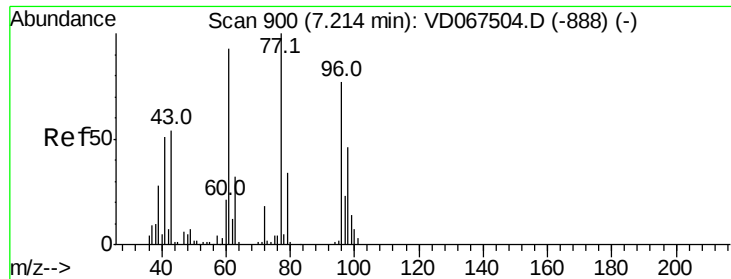
Tot Ion: 43 Resp: 306845
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.6 17.4



#24
 1,1-Dichloroethane
 Concen: 20.830 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 63 Resp: 92505
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 5.8 2.6 7.8





#25

2-Butanone

Concen: 110.727 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

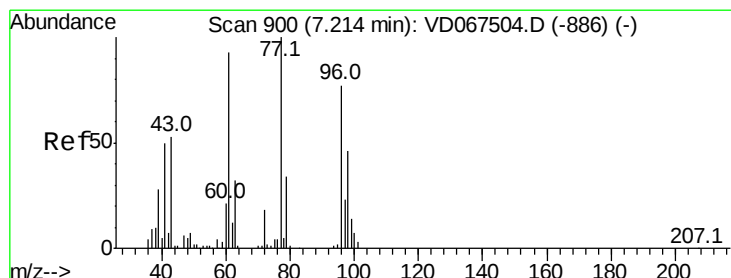
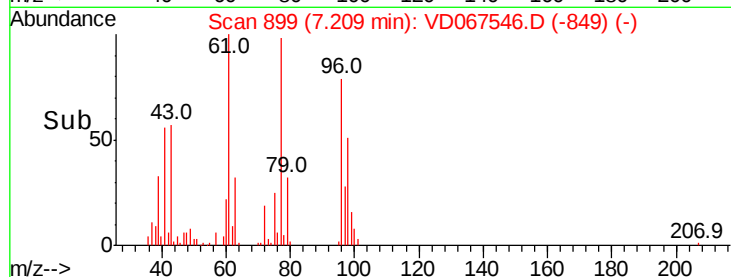
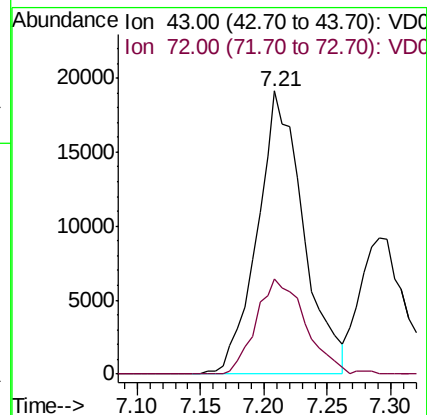
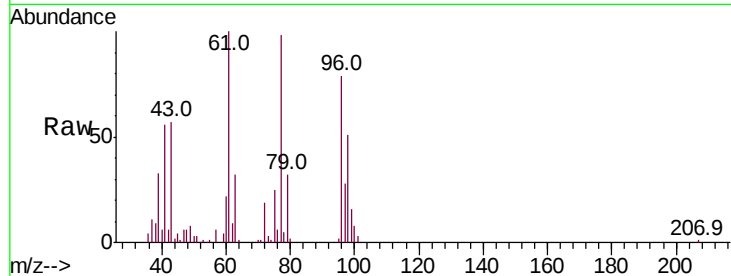
VD1106SBS01

Tot Ion: 43 Resp: 48277

Ion Ratio Lower Upper

43 100

72 33.7 26.4 39.6



#26

2,2-Dichloropropane

Concen: 21.115 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067546.D

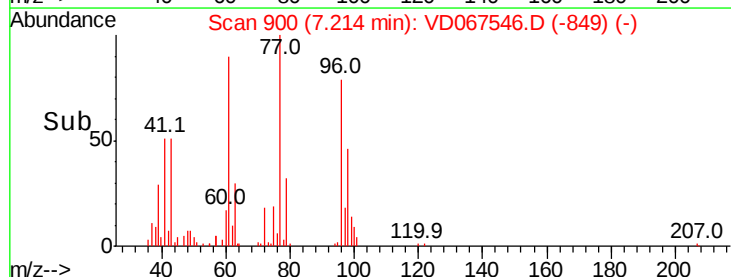
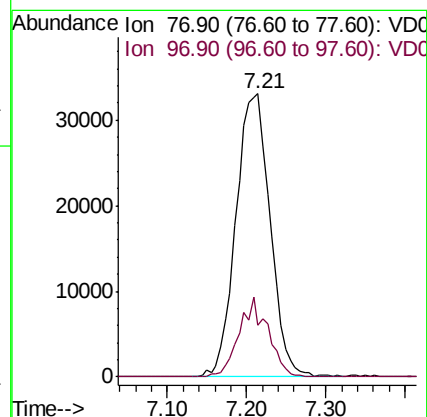
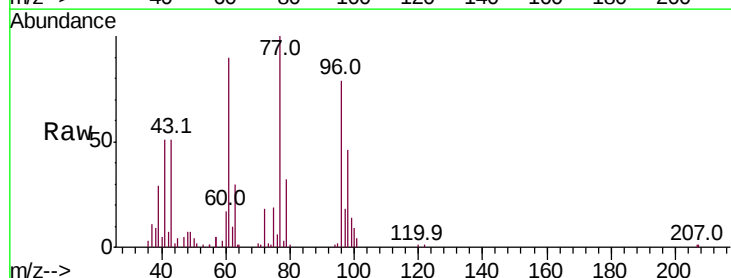
Acq: 06 Nov 2020 11:37

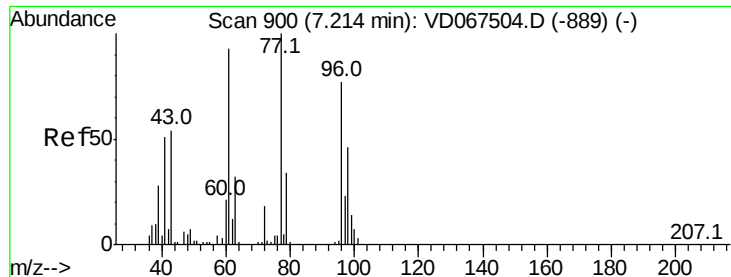
Tgt Ion: 77 Resp: 98964

Ion Ratio Lower Upper

77 100

97 23.9 11.1 33.3



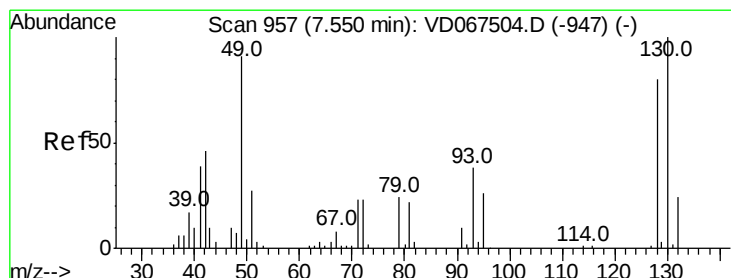
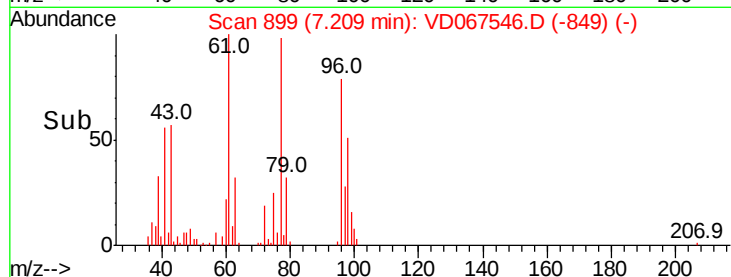
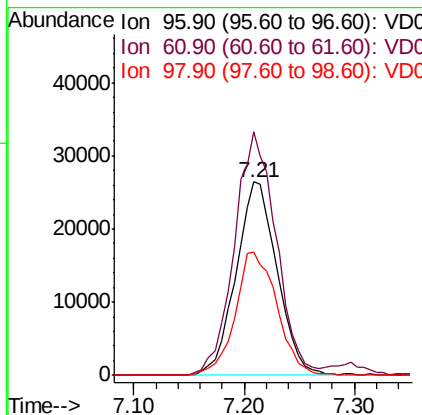
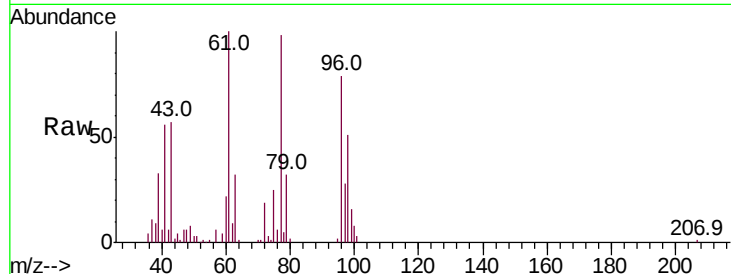


#27

cis-1,2-Dichloroethene
Concen: 21.906 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

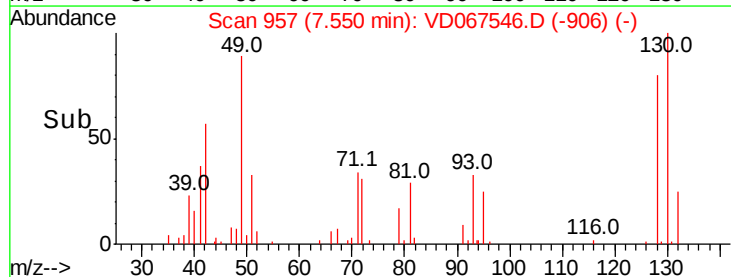
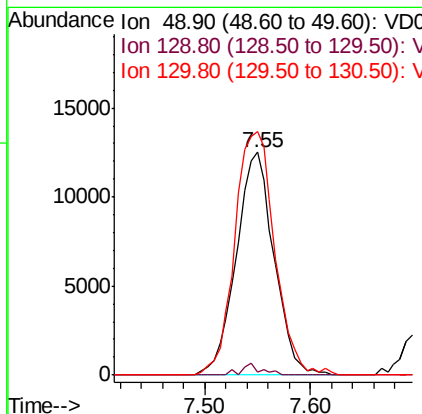
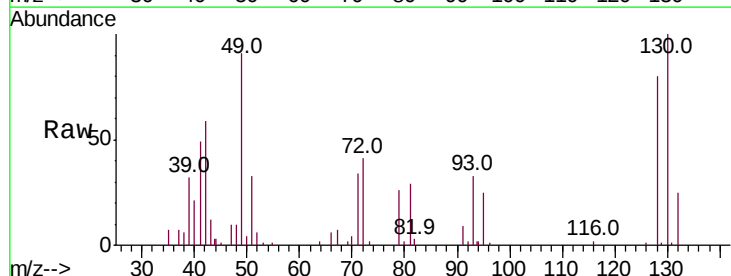
Tot Ion: 96 Resp: 68932
Ion Ratio Lower Upper
96 100
61 127.8 0.0 251.6
98 64.7 0.0 128.0

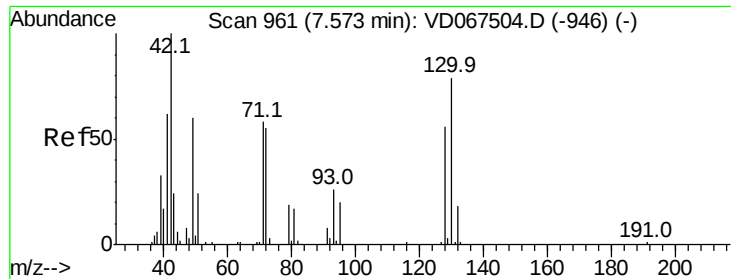


#28

Bromochloromethane
Concen: 19.681 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 49 Resp: 31089
Ion Ratio Lower Upper
49 100
129 2.7 0.0 6.4
130 115.2 94.6 142.0





#29

Tetrahydrofuran

Concen: 114.356 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

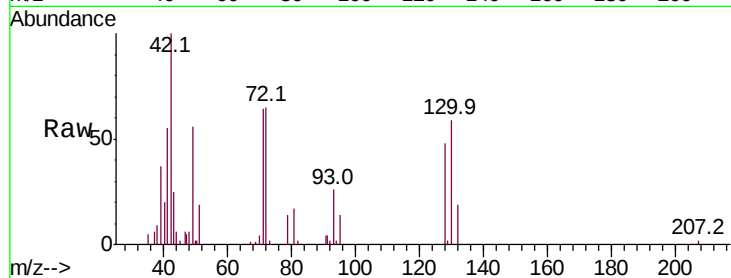
Tot Ion: 42 Resp: 29866

Ion Ratio Lower Upper

42 100

72 60.5 46.3 69.5

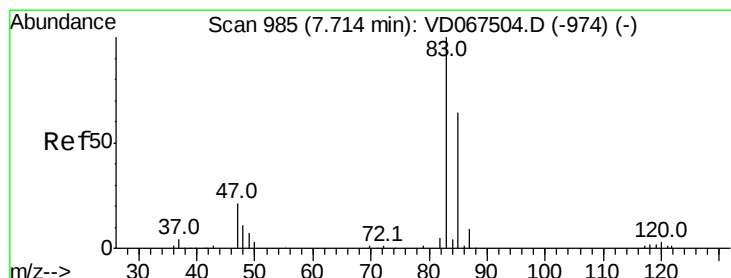
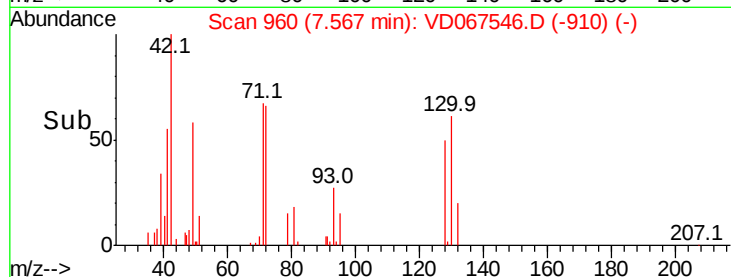
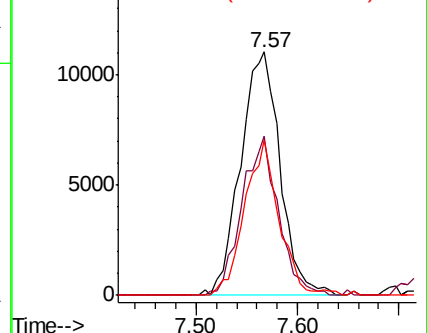
71 55.0 44.0 66.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 21.611 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067546.D

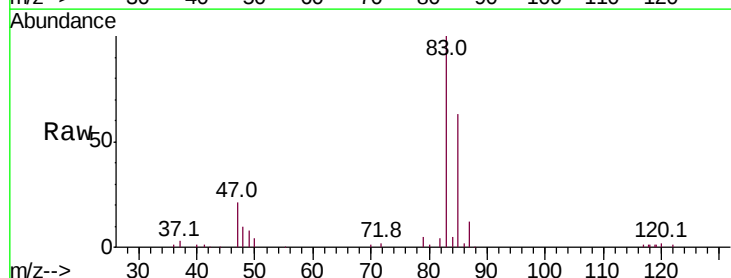
Acq: 06 Nov 2020 11:37

Tgt Ion: 83 Resp: 114496

Ion Ratio Lower Upper

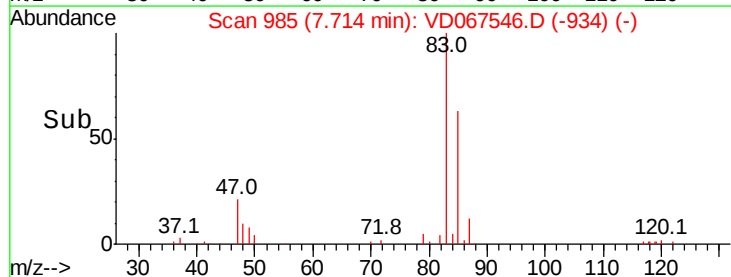
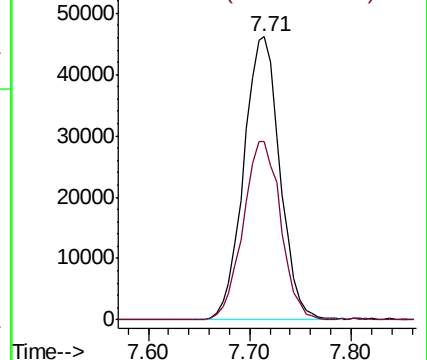
83 100

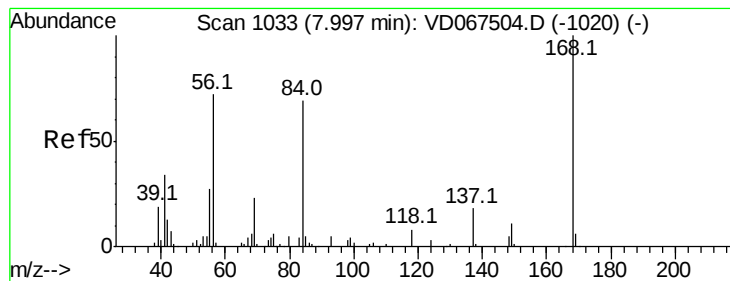
85 63.2 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 20.108 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

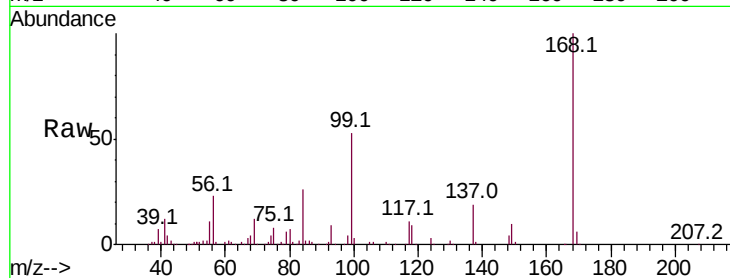
Tot Ion: 56 Resp: 79521

Ion Ratio Lower Upper

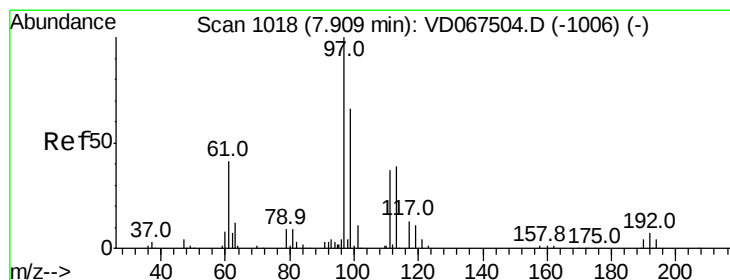
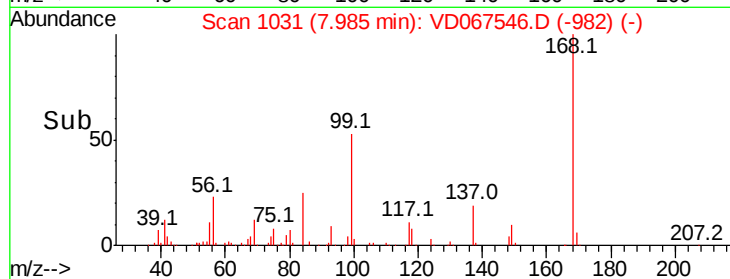
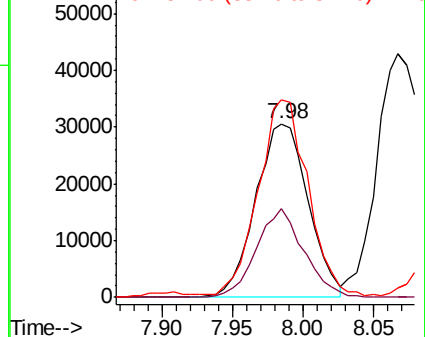
56 100

69 51.0 25.9 38.9#

84 112.0 76.2 114.4



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



#32

1,1,1-Trichloroethane

Concen: 21.170 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

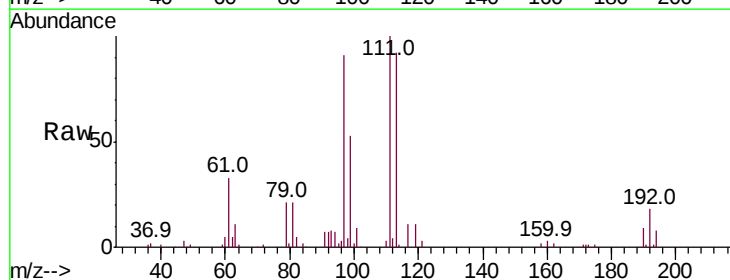
Tgt Ion: 97 Resp: 115723

Ion Ratio Lower Upper

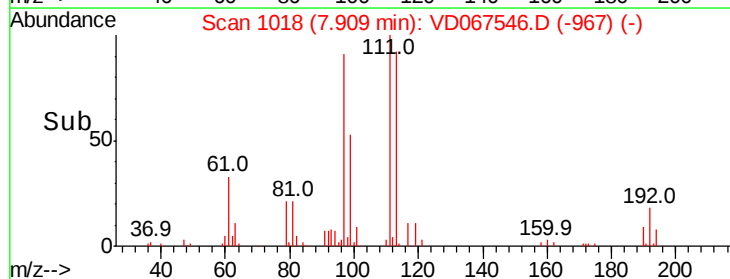
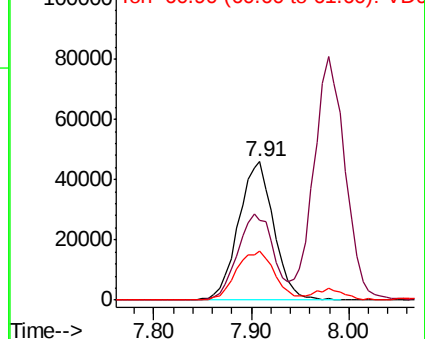
97 100

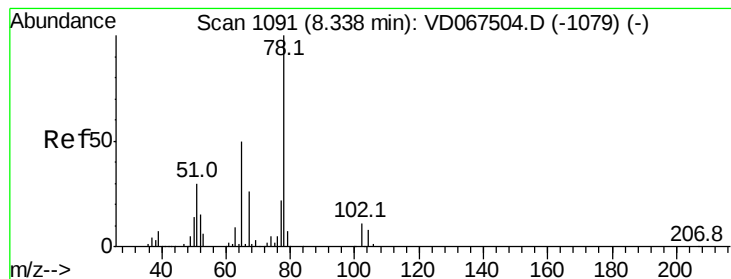
99 63.6 51.8 77.6

61 38.8 30.5 45.7



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





#33

1,2-Dichloroethane-d4

Concen: 47.978 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

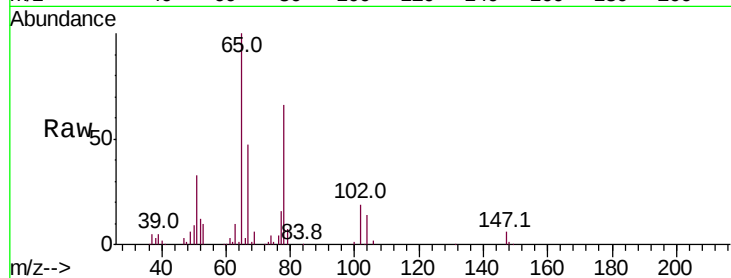
VD1106SBS01

Tot Ion: 65 Resp: 130823

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

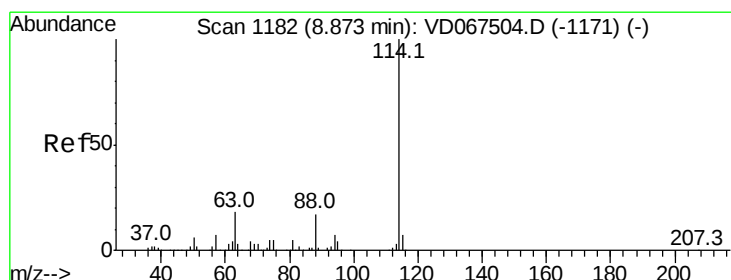
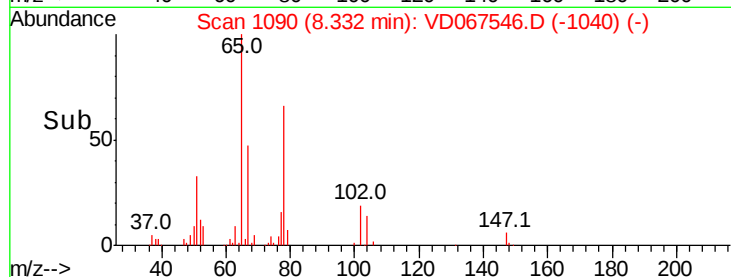
60000

40000

20000

0

Time--> 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

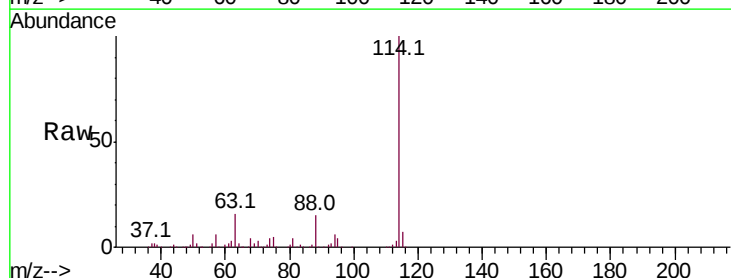
Tgt Ion: 114 Resp: 452644

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 15.2 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

300000

250000

200000

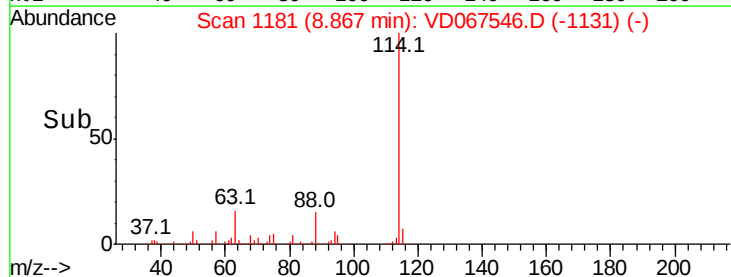
150000

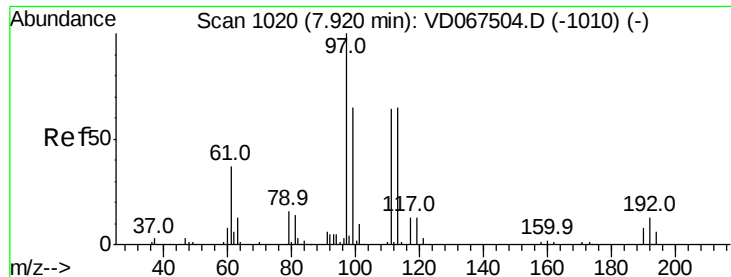
100000

50000

0

Time--> 8.80 8.90 9.00

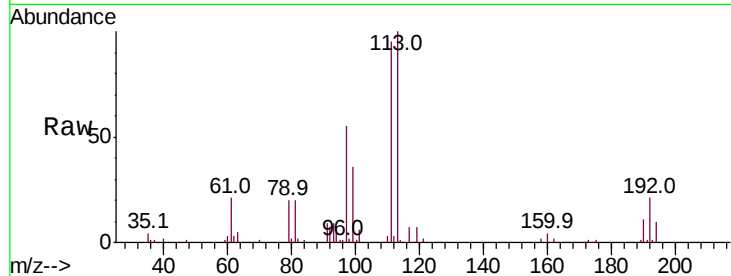




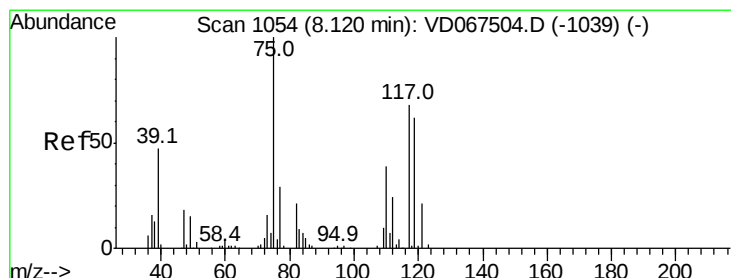
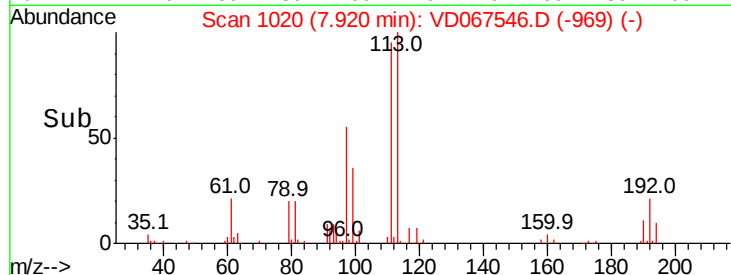
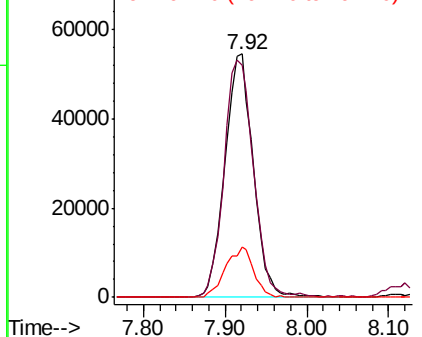
#35
 Dibromofluoromethane
 Concen: 48.281 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion:113 Resp: 131671
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.0 120.0
 192 20.3 16.3 24.5

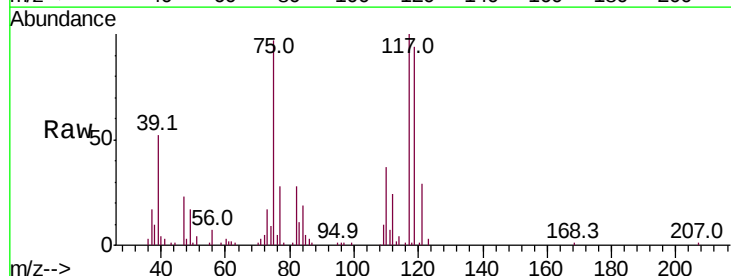


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

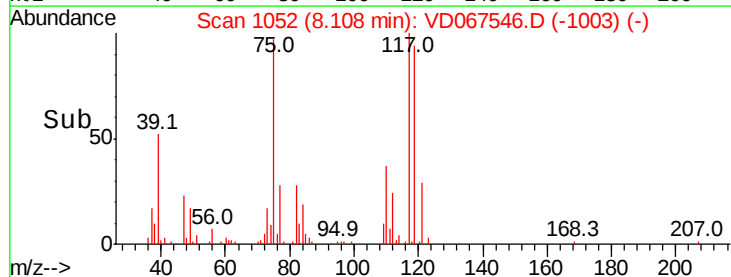
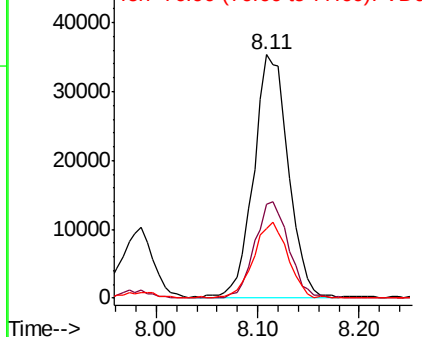


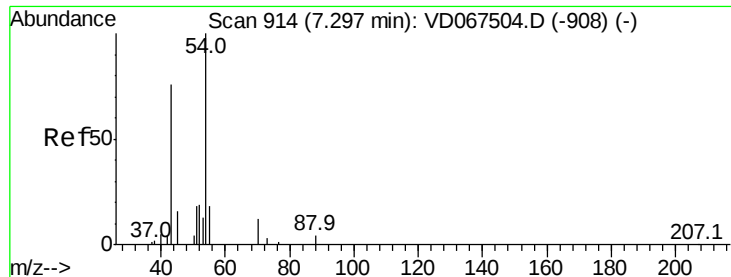
#36
 1,1-Dichloropropene
 Concen: 21.862 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 75 Resp: 84706
 Ion Ratio Lower Upper
 75 100
 110 38.6 19.9 59.7
 77 30.7 24.8 37.2



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

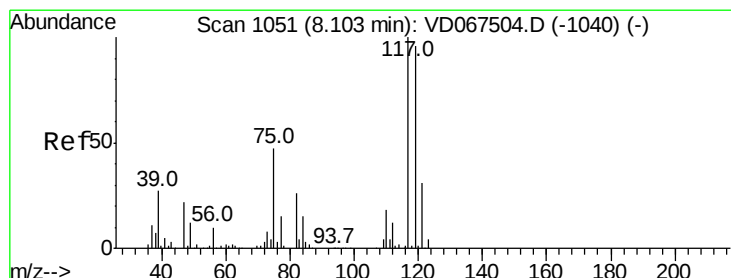
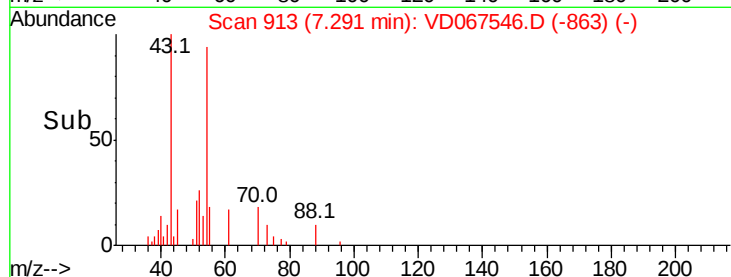
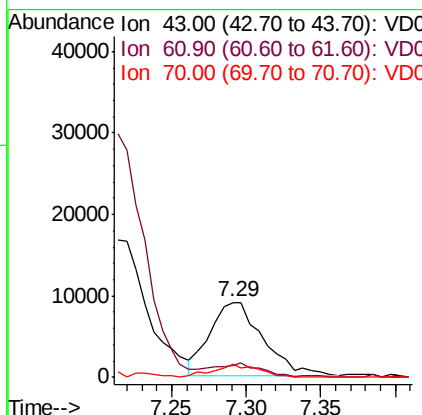
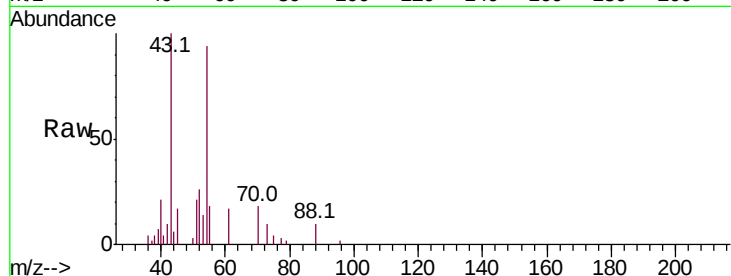




#37
Ethyl Acetate
Concen: 22.058 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

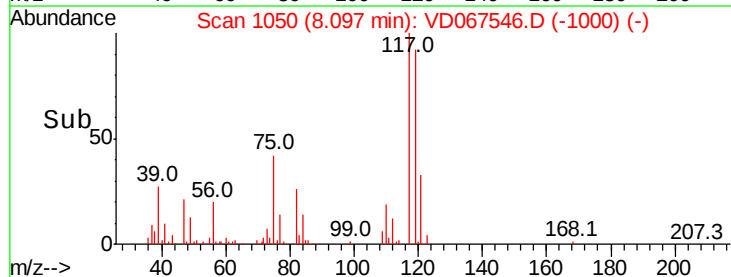
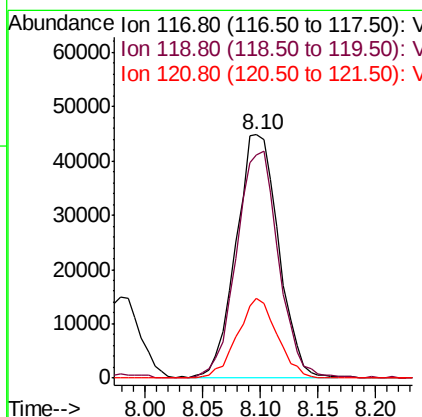
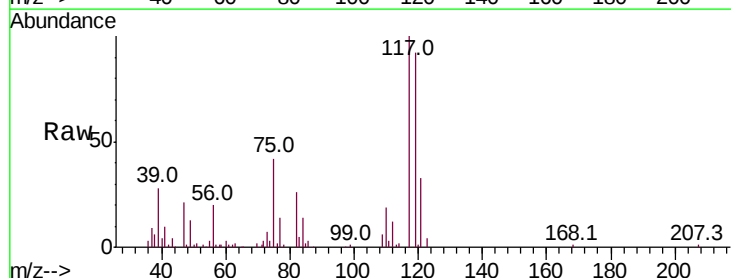
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

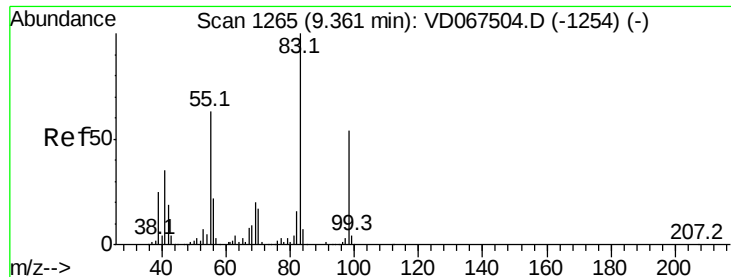
Tot Ion: 43 Resp: 22188
Ion Ratio Lower Upper
43 100
61 17.3 12.8 19.2
70 14.9 11.7 17.5



#38
Carbon Tetrachloride
Concen: 22.650 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 117 Resp: 114024
Ion Ratio Lower Upper
117 100
119 92.2 76.9 115.3
121 32.9 24.5 36.7

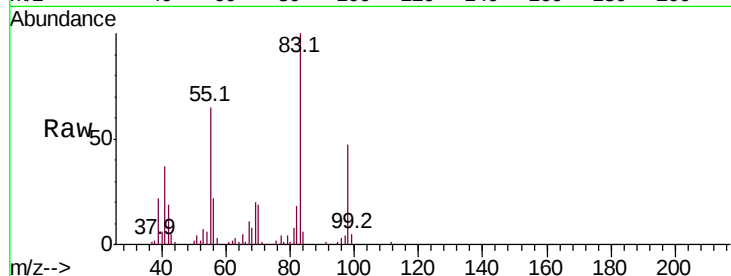




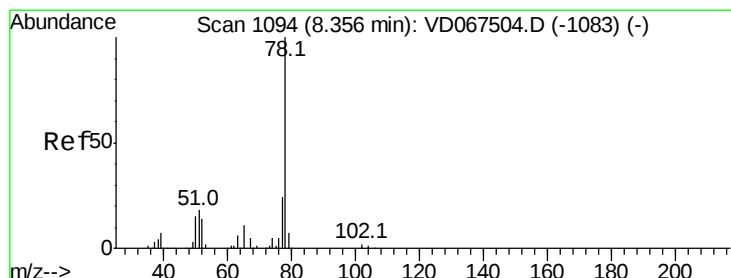
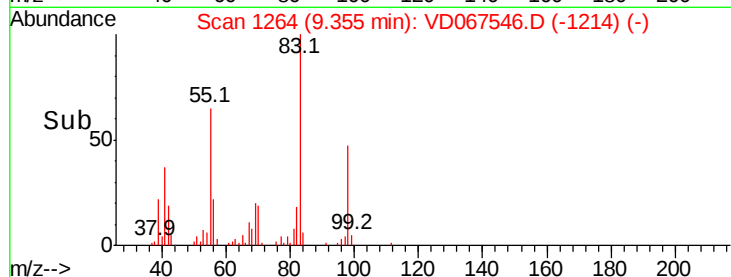
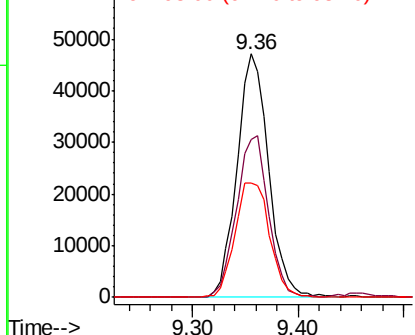
#39
Methvlcvclohexane
Concen: 21.466 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion: 83 Resp: 97889
Ion Ratio Lower Upper
83 100
55 65.0 50.5 75.7
98 47.2 43.4 65.0

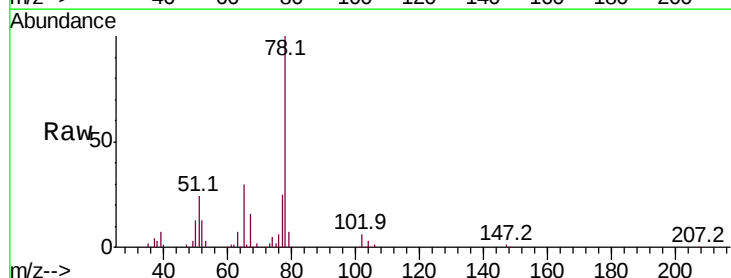


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

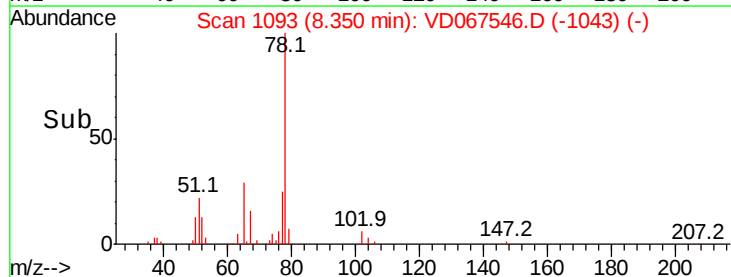
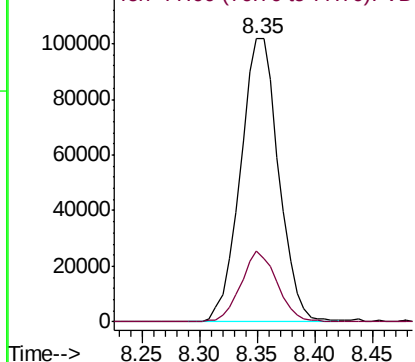


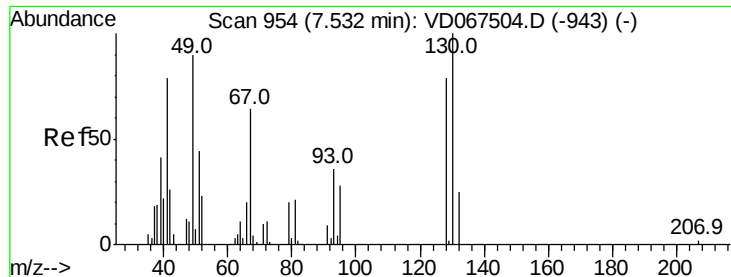
#40
Benzene
Concen: 22.343 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 78 Resp: 234500
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7



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

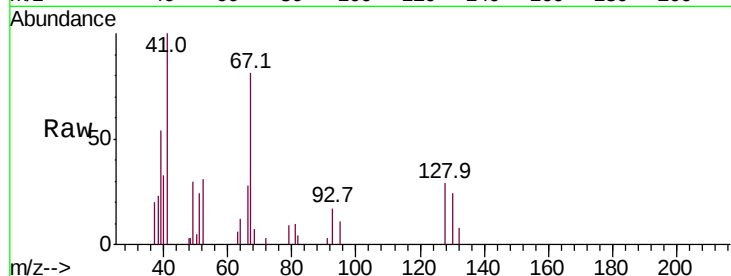




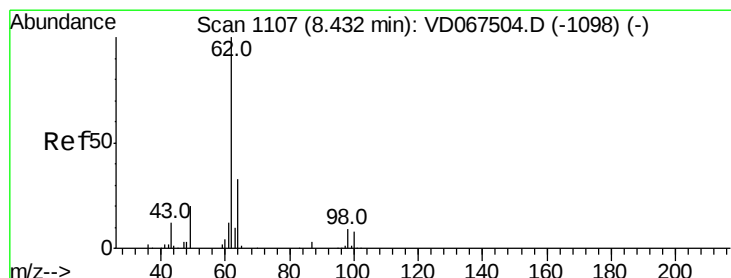
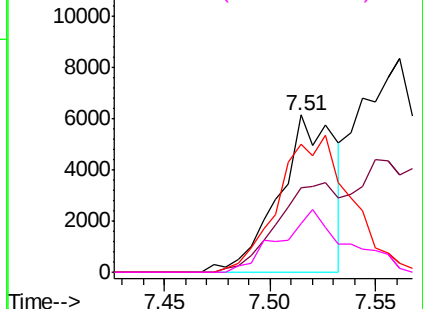
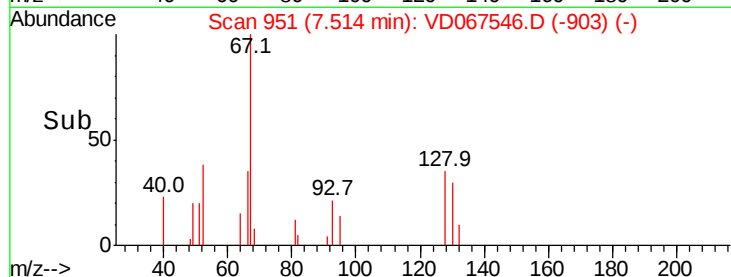
#41
Methacrylonitrile
Concen: 18.926 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.02 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion: 41 Resp: 11380
Ion Ratio Lower Upper
41 100
39 61.3 51.3 76.9
67 110.4 78.9 118.3
52 47.2 31.4 47.2#

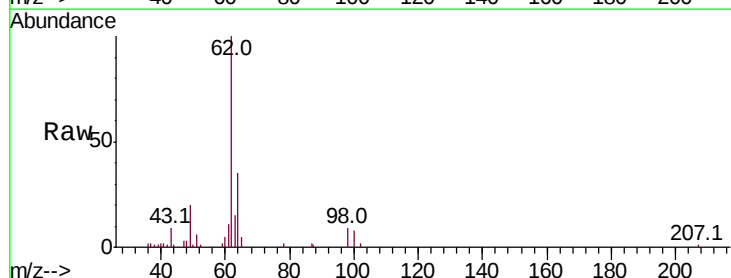


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

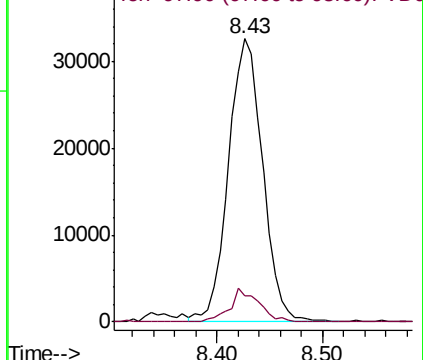
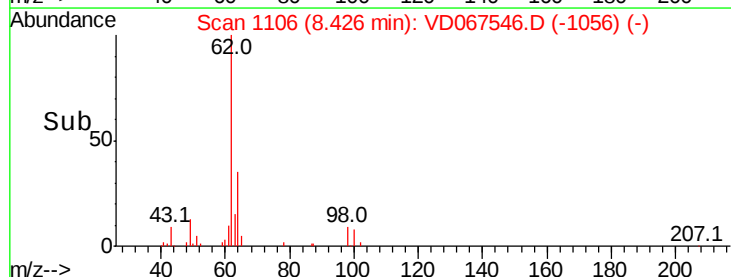


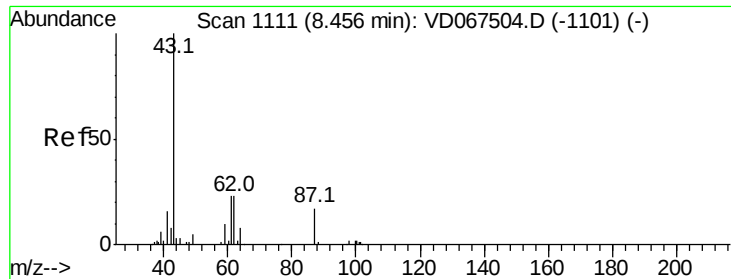
#42
1,2-Dichloroethane
Concen: 22.517 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 62 Resp: 73017
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 23.479 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

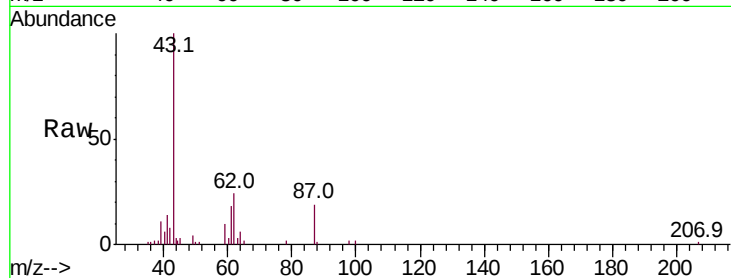
Tot Ion: 43 Resp: 46708

Ion Ratio Lower Upper

43 100

61 37.0 30.5 45.7

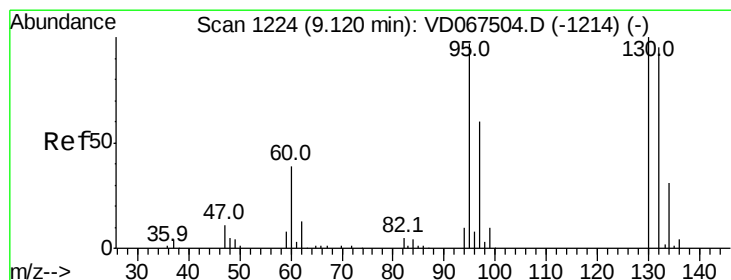
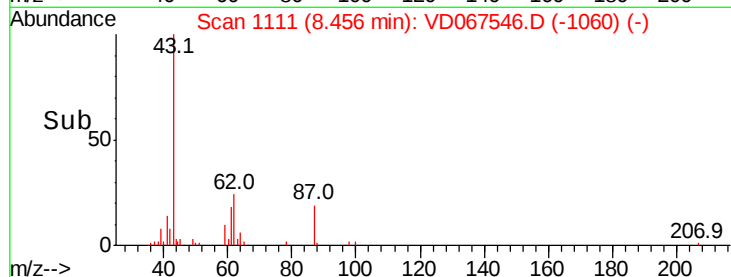
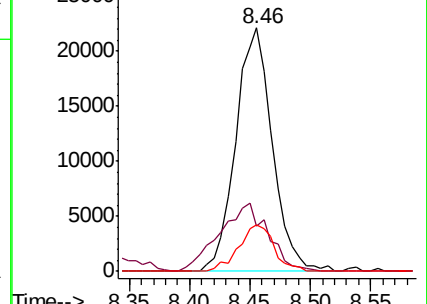
87 18.3 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.767 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067546.D

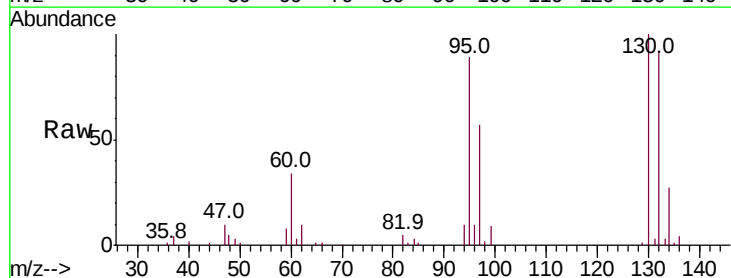
Acq: 06 Nov 2020 11:37

Tgt Ion: 130 Resp: 75117

Ion Ratio Lower Upper

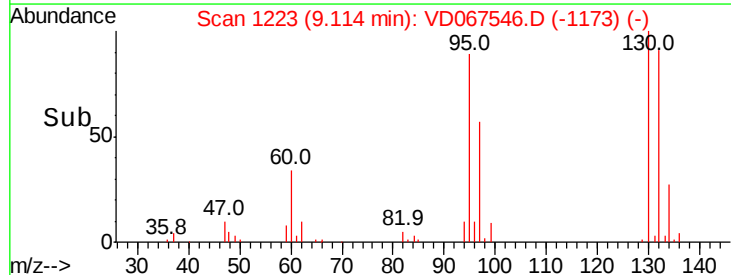
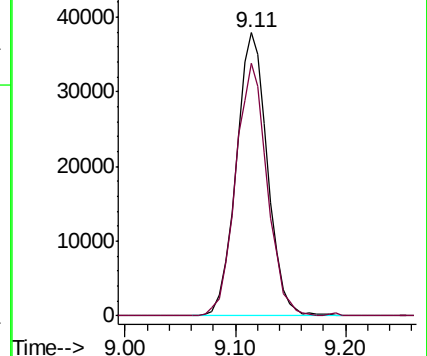
130 100

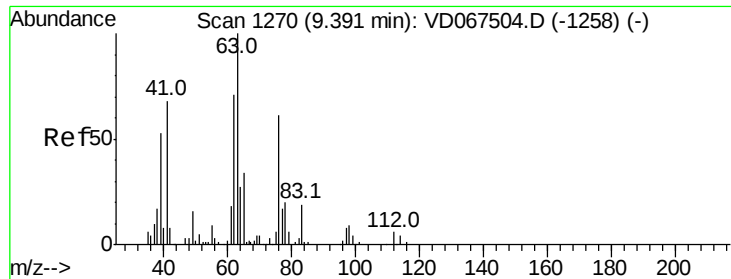
95 89.2 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.329 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

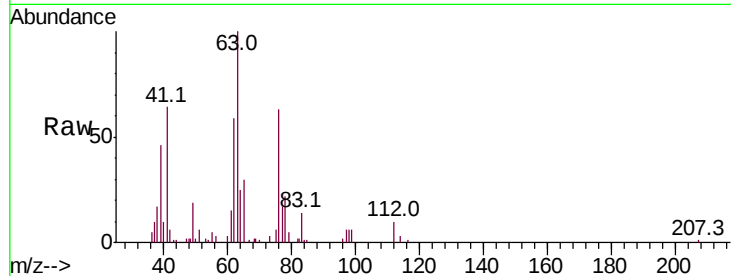
VD1106SBS01

Tot Ion: 63 Resp: 50667

Ion Ratio Lower Upper

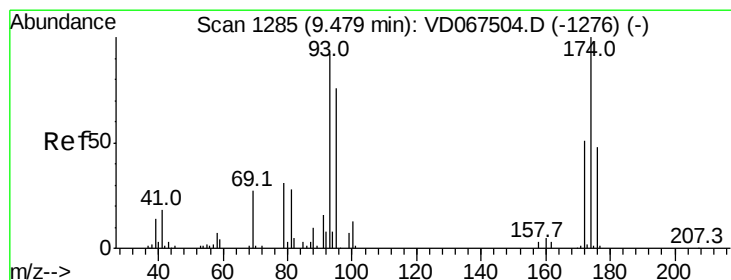
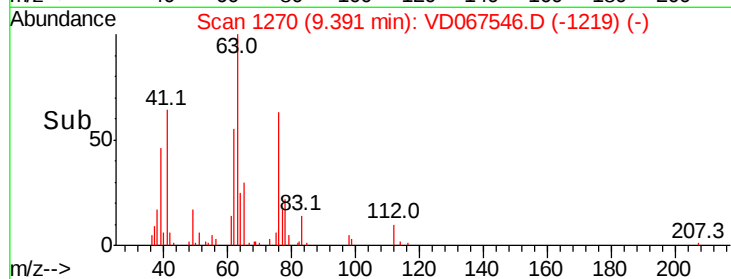
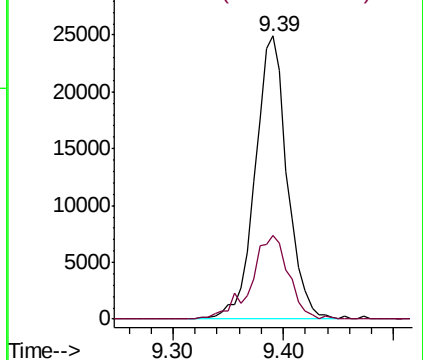
63 100

65 29.6 26.9 40.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 22.948 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

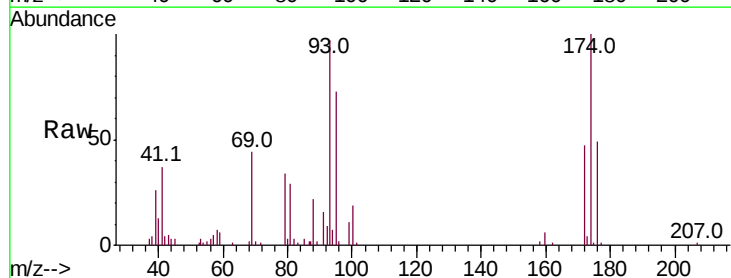
Tgt Ion: 93 Resp: 33109

Ion Ratio Lower Upper

93 100

95 82.0 66.4 99.6

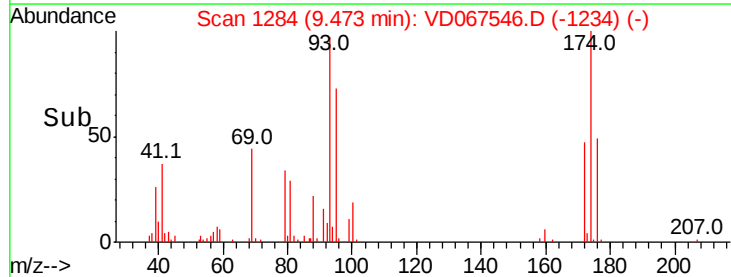
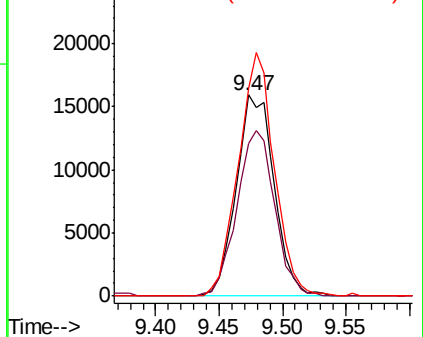
174 114.9 88.2 132.4

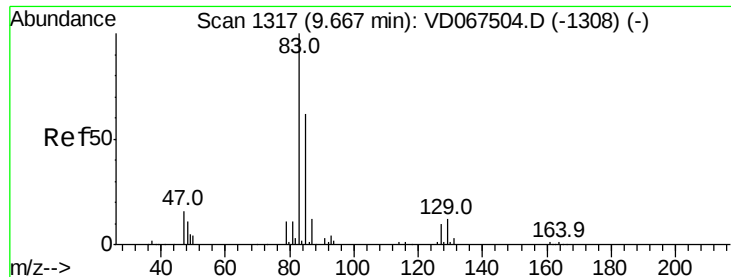


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.679 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

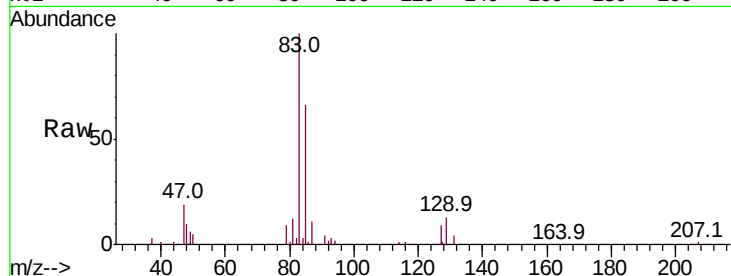
Tot Ion: 83 Resp: 88934

Ion Ratio Lower Upper

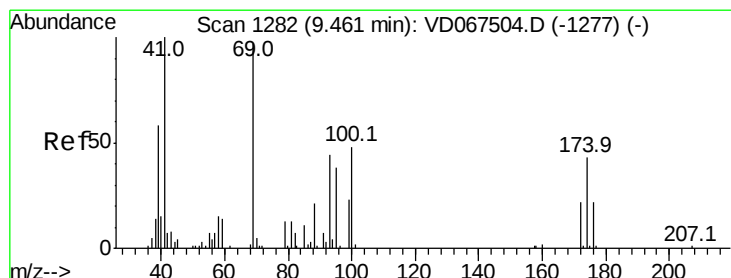
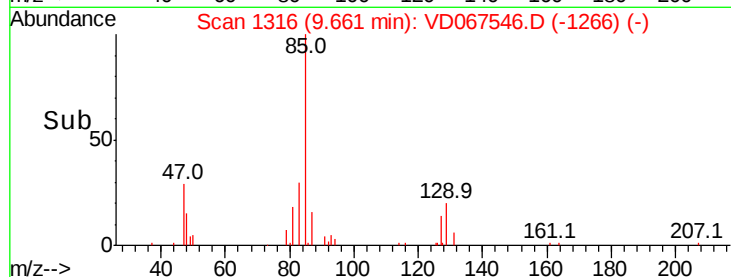
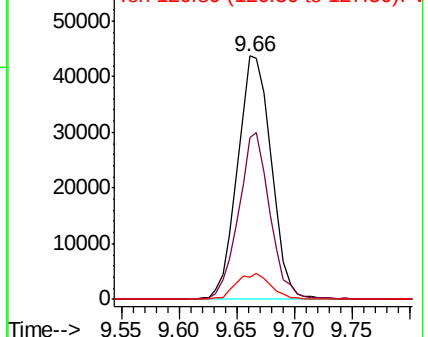
83 100

85 66.3 49.4 74.2

127 9.0 7.7 11.5



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



#48

Methyl methacrylate

Concen: 22.553 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

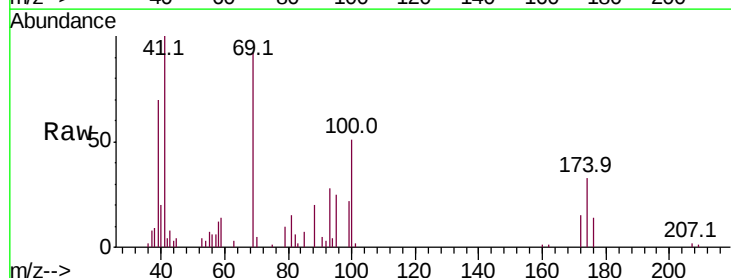
Tgt Ion: 41 Resp: 23165

Ion Ratio Lower Upper

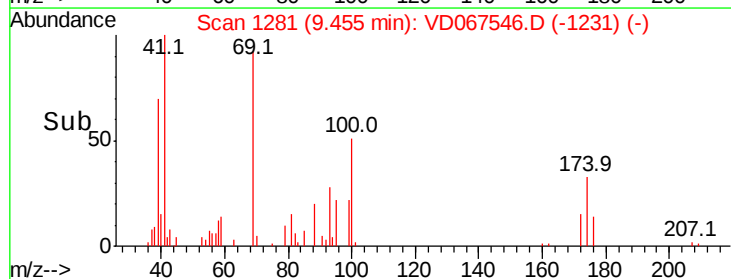
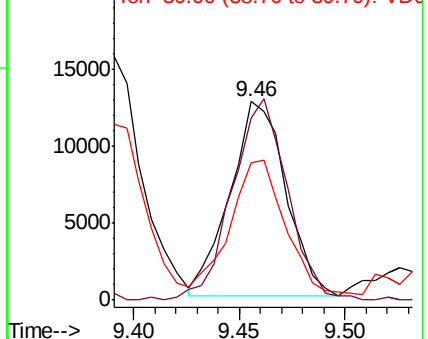
41 100

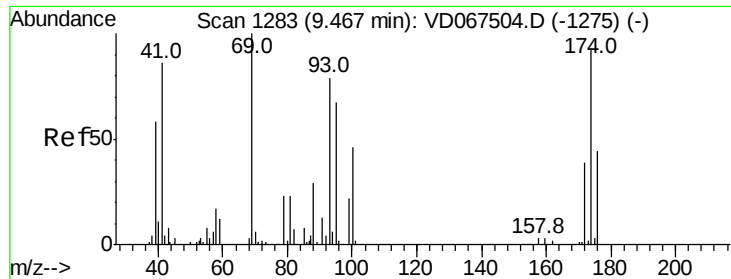
69 103.0 80.6 121.0

39 66.7 50.2 75.4



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





#49

1,4-Dioxane

Concen: 487.412 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

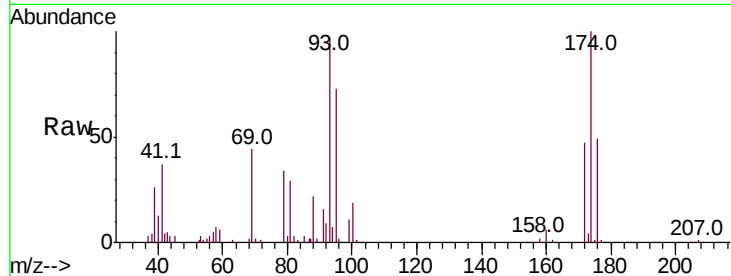
Tot Ion: 88 Resp: 7139

Ion Ratio Lower Upper

88 100

43 38.6 23.6 35.4#

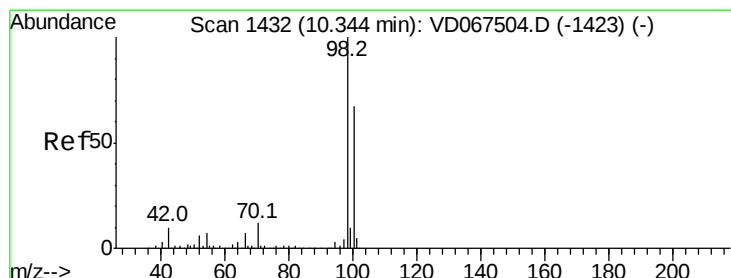
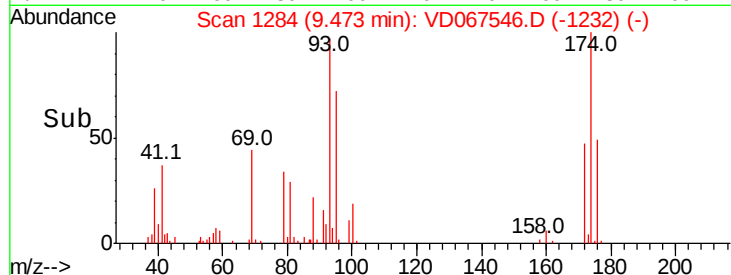
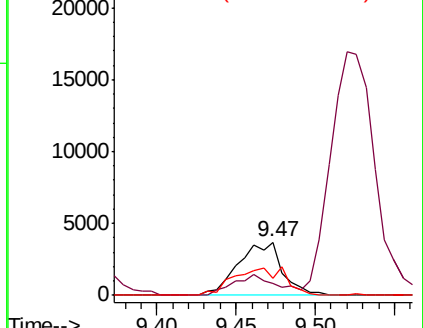
58 61.9 44.7 67.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 47.439 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067546.D

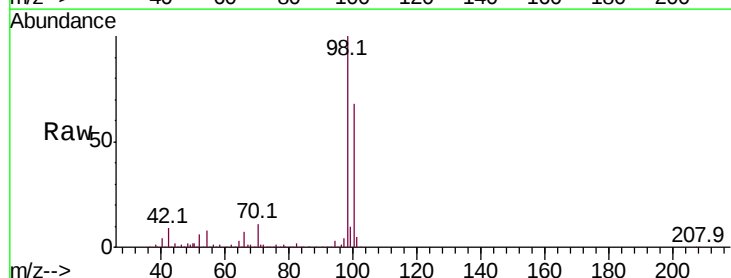
Acq: 06 Nov 2020 11:37

Tgt Ion: 98 Resp: 454651

Ion Ratio Lower Upper

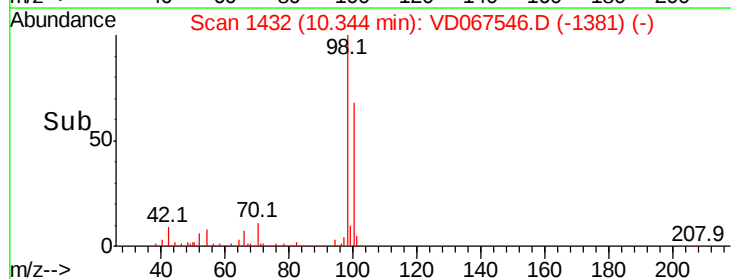
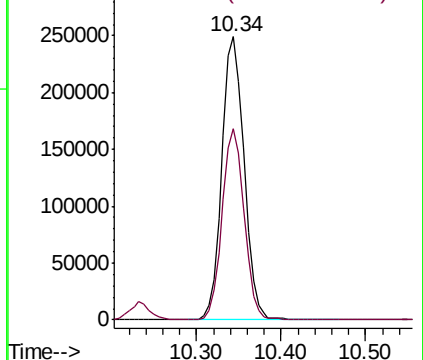
98 100

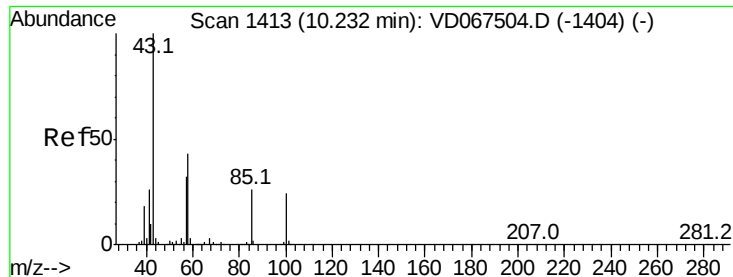
100 66.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 115.485 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

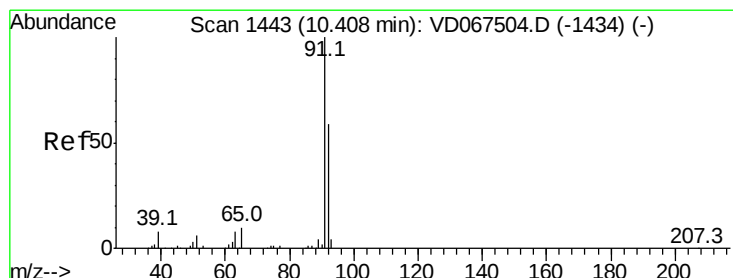
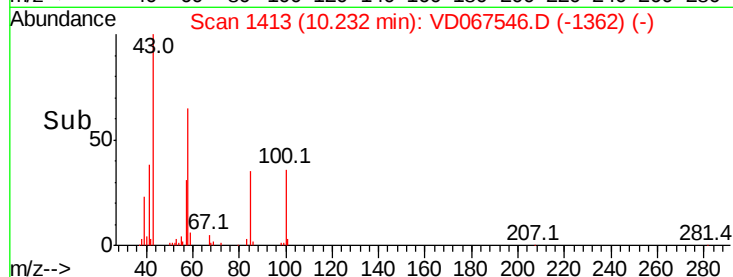
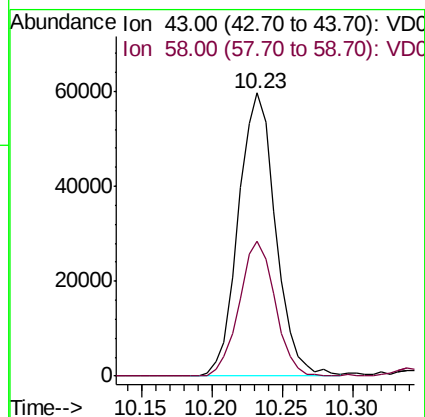
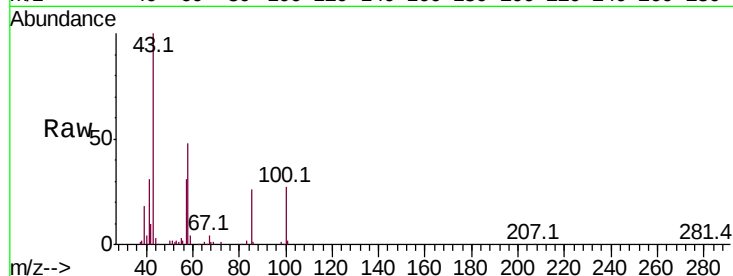
VD1106SBS01

Tot Ion: 43 Resp: 109875

Ion Ratio Lower Upper

43 100

58 46.0 35.6 53.4



#52

Toluene

Concen: 22.632 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067546.D

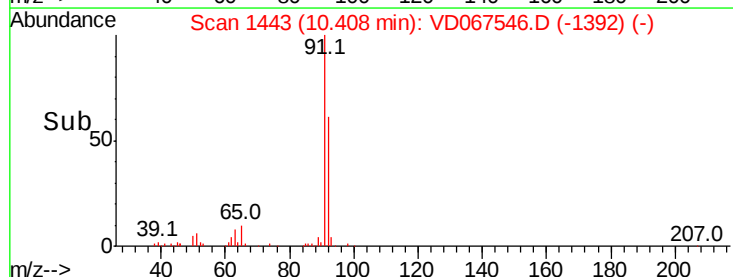
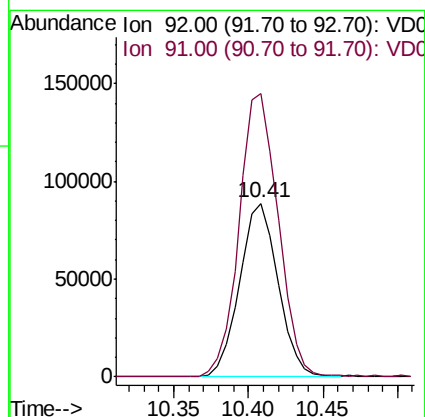
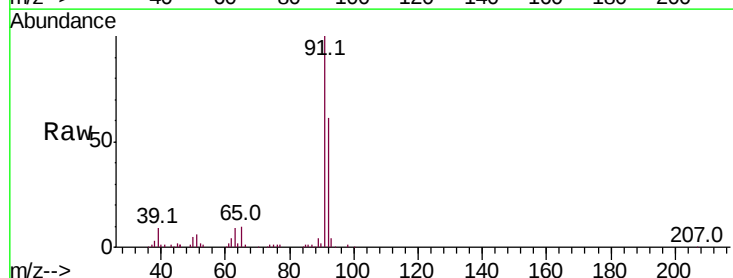
Acq: 06 Nov 2020 11:37

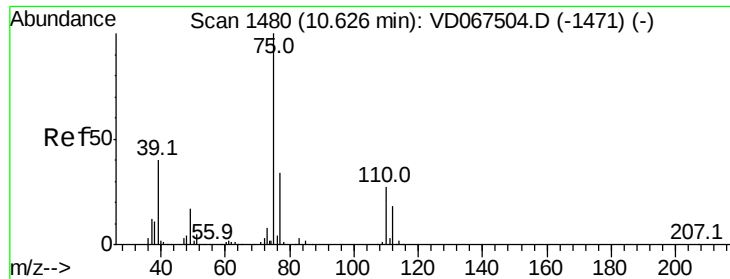
Tgt Ion: 92 Resp: 159094

Ion Ratio Lower Upper

92 100

91 165.9 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 22.897 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

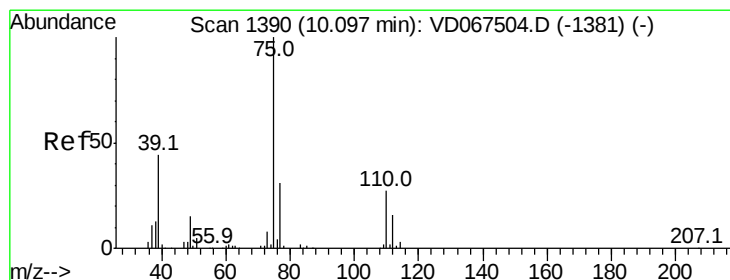
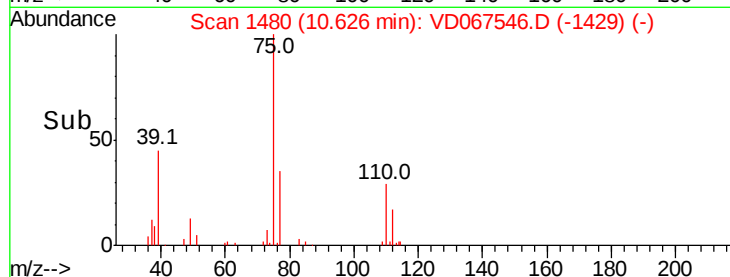
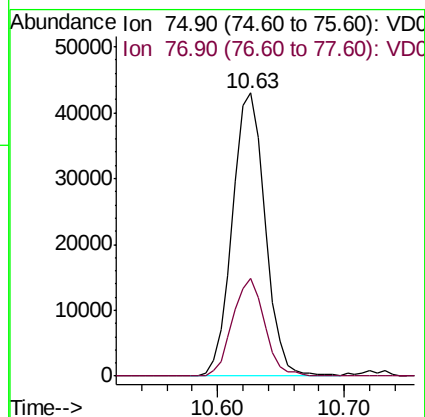
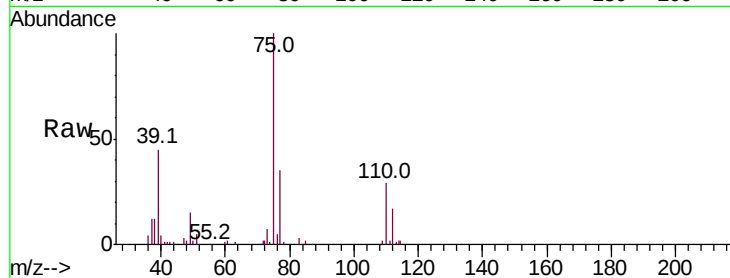
VD1106SBS01

Tot Ion: 75 Resp: 76903

Ion Ratio Lower Upper

75 100

77 34.6 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 22.480 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

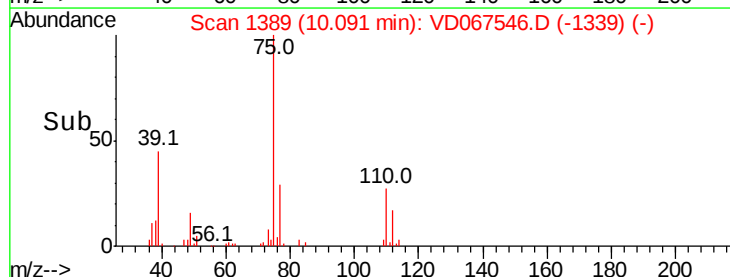
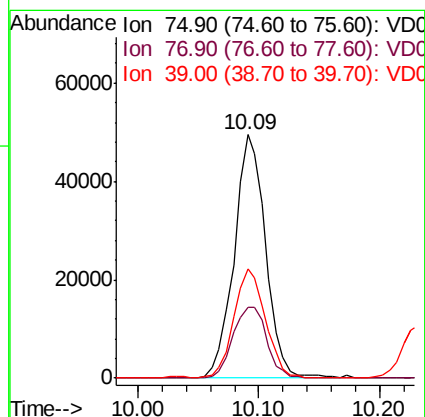
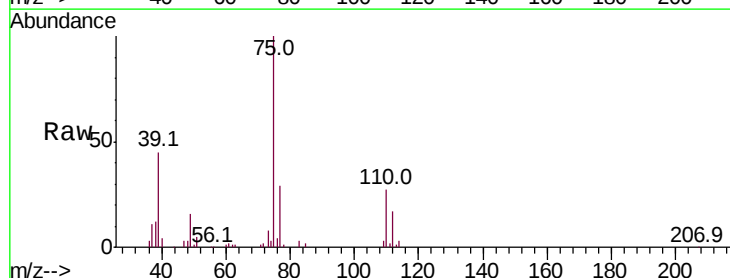
Tgt Ion: 75 Resp: 89703

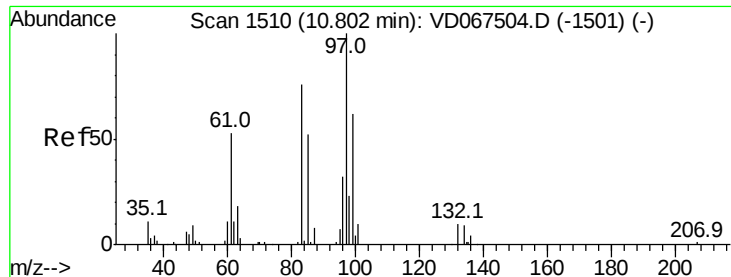
Ion Ratio Lower Upper

75 100

77 28.9 24.4 36.6

39 44.8 35.6 53.4

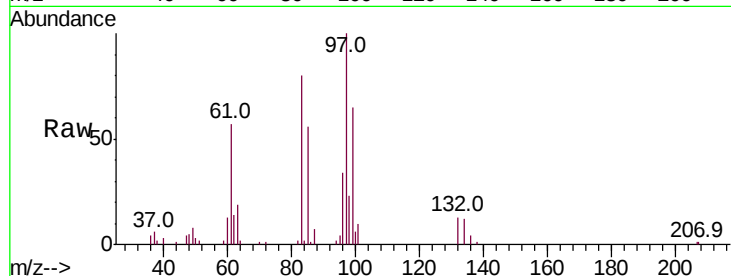




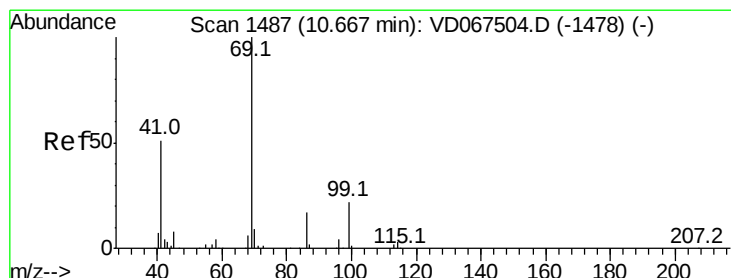
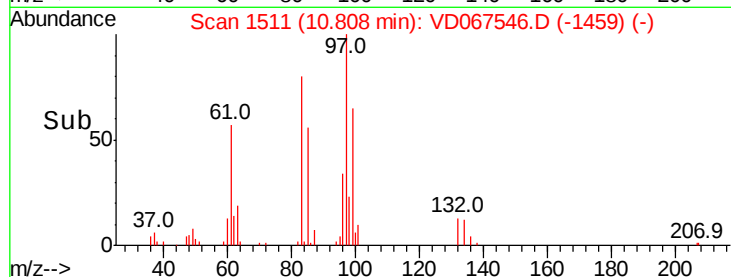
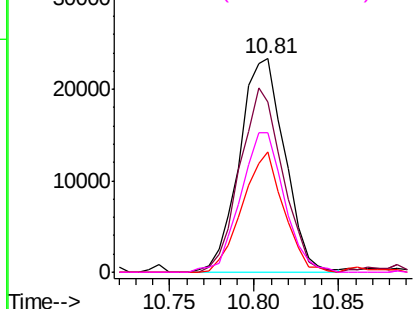
#55
 1,1,2-Trichloroethane
 Concen: 22.797 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion:	97	Resp:	43520
Ion	Ratio	Lower	Upper
97	100		
83	79.7	61.0	91.6
85	56.3	41.5	62.3
99	65.5	49.4	74.2

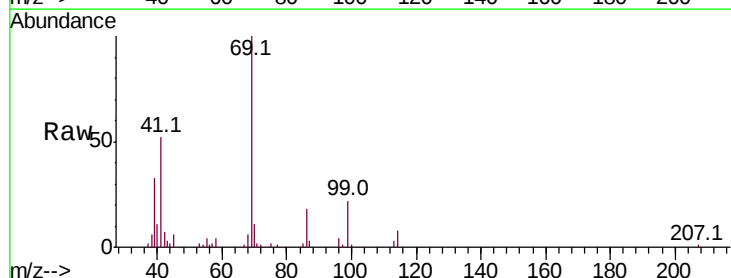


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

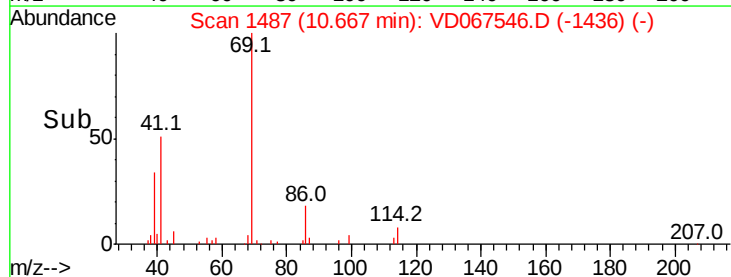
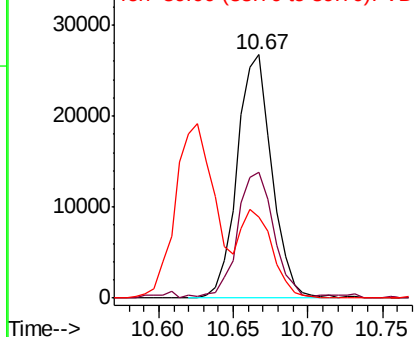


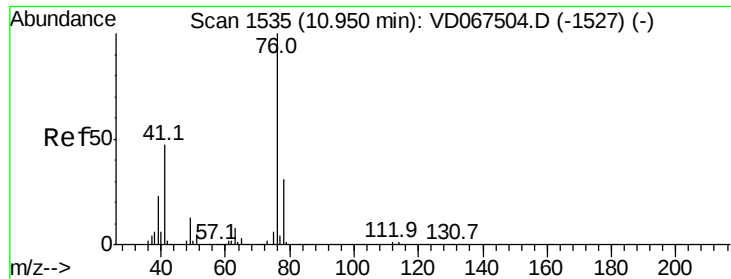
#56
 Ethyl methacrylate
 Concen: 21.934 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion:	69	Resp:	43239
Ion	Ratio	Lower	Upper
69	100		
41	52.6	45.4	68.0
39	33.0	27.4	41.0



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

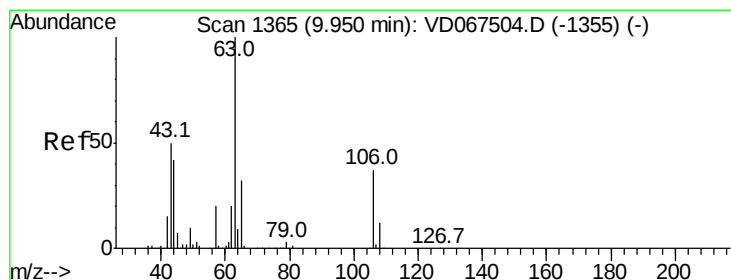
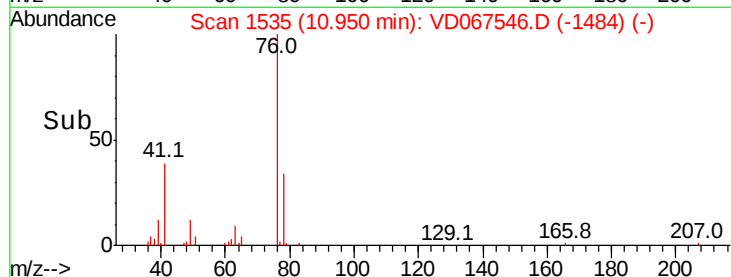
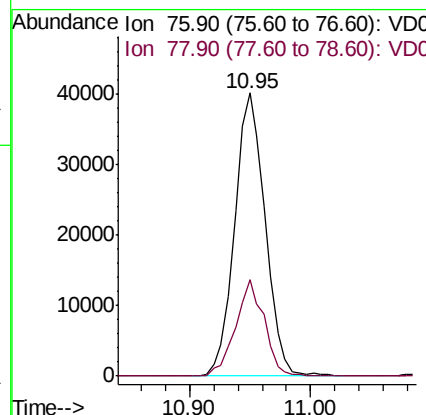
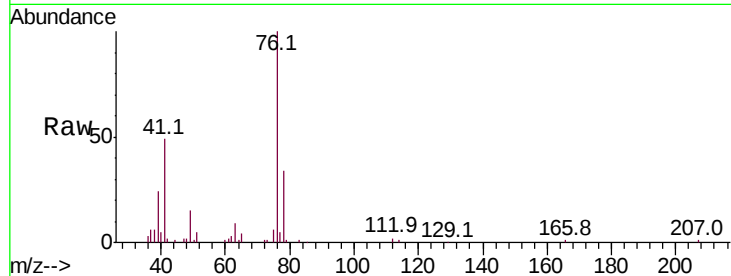




#57
 1,3-Dichloropropane
 Concen: 22.927 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

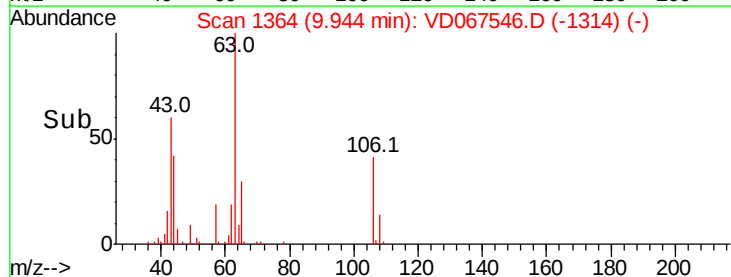
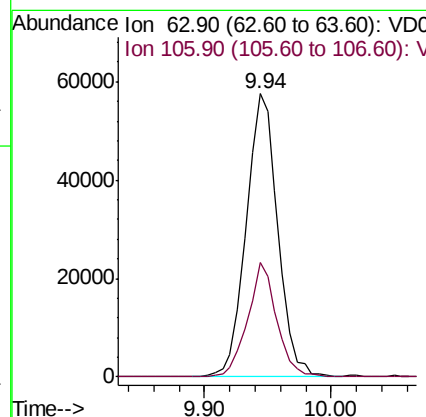
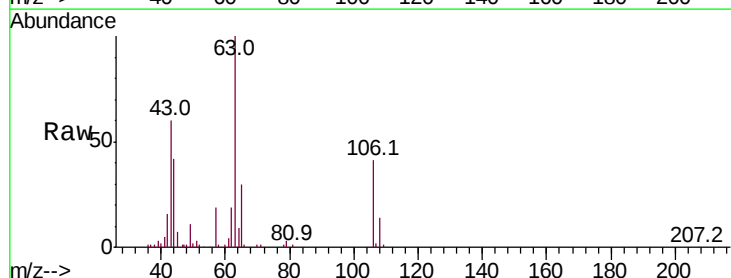
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

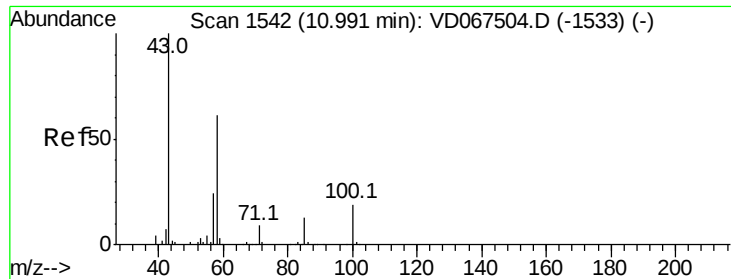
Tot Ion: 76 Resp: 70429
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.133 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 63 Resp: 99406
 Ion Ratio Lower Upper
 63 100
 106 37.0 29.2 43.8

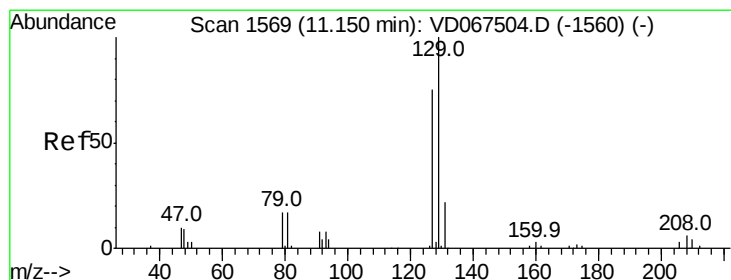
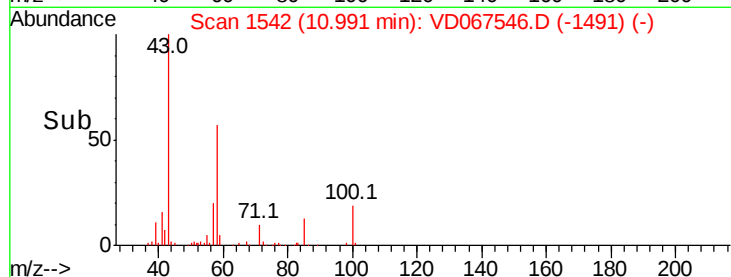
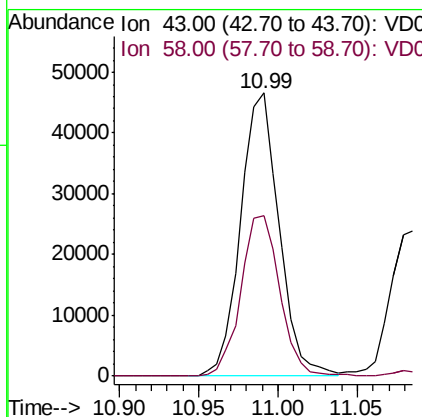
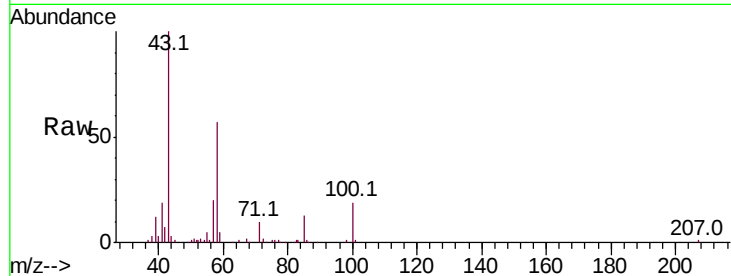




#59
2-Hexanone
Concen: 118.334 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

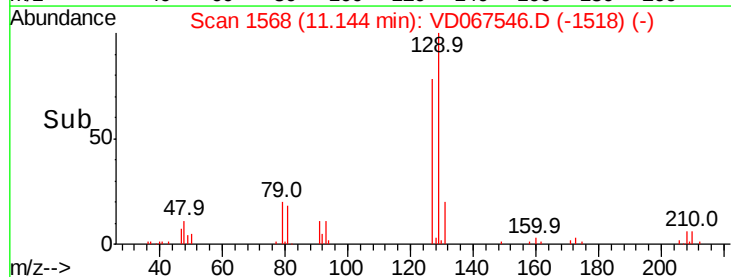
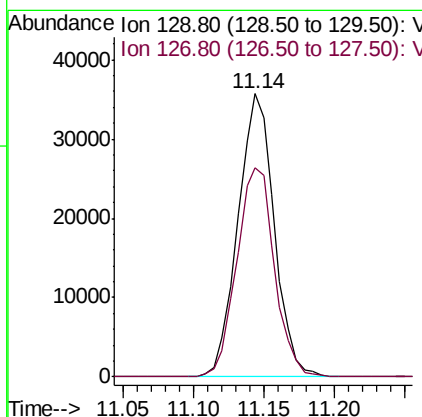
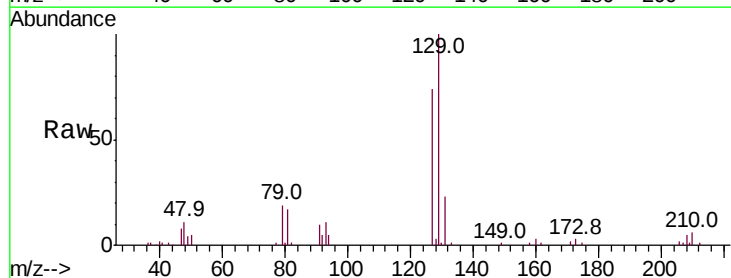
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

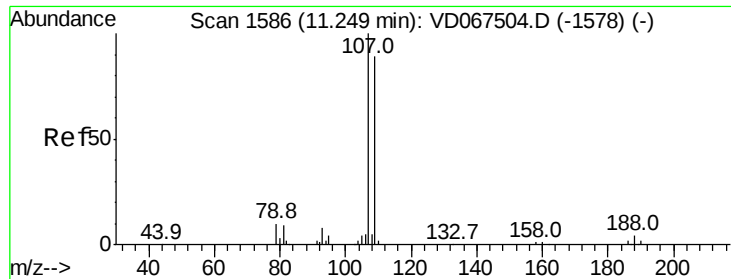
Tot Ion: 43 Resp: 78720
Ion Ratio Lower Upper
43 100
58 57.3 30.3 90.9



#60
Dibromochloromethane
Concen: 22.687 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 129 Resp: 64066
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1

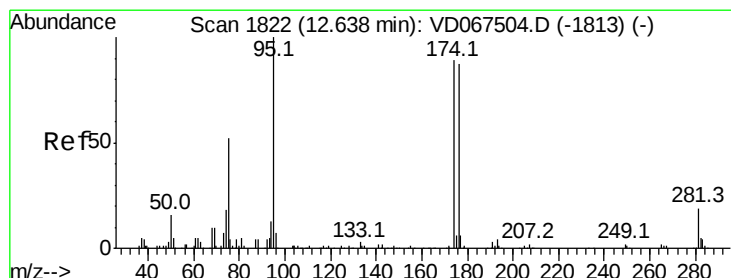
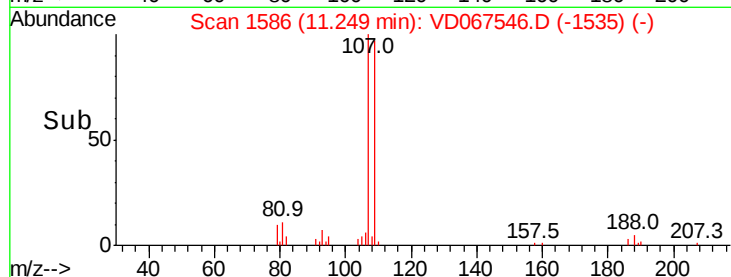
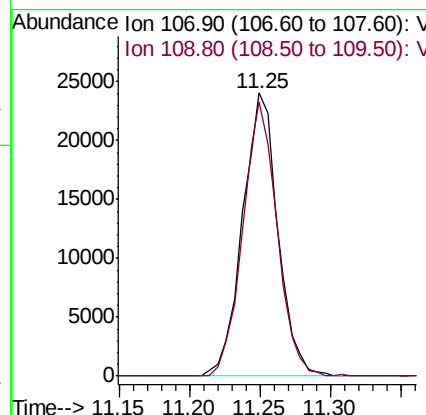
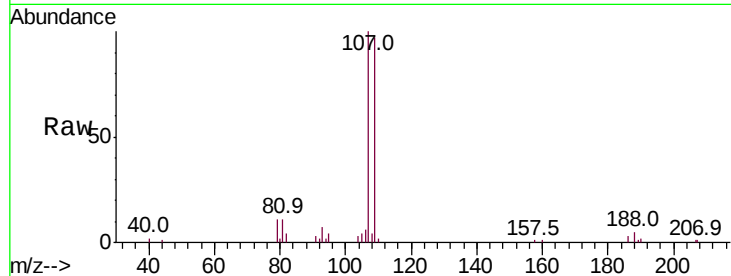




#61
 1,2-Dibromoethane
 Concen: 21.916 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

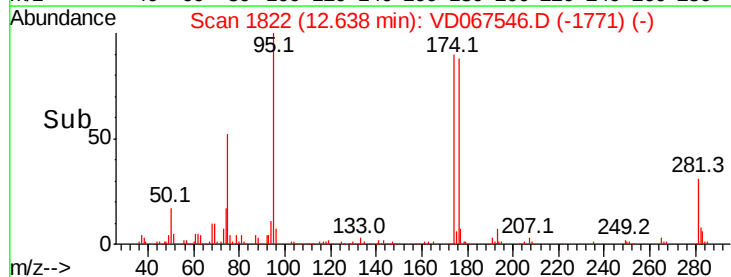
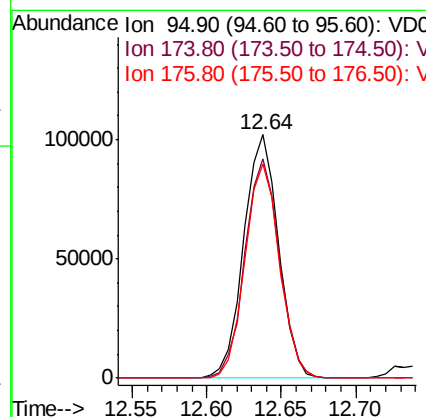
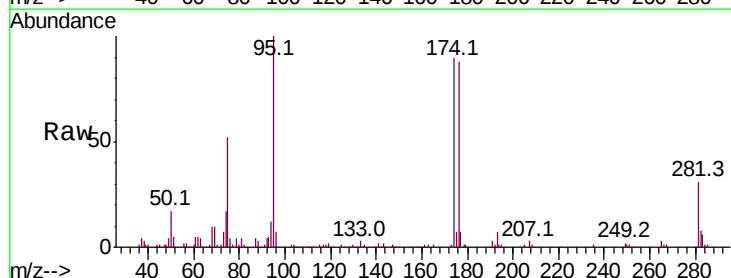
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

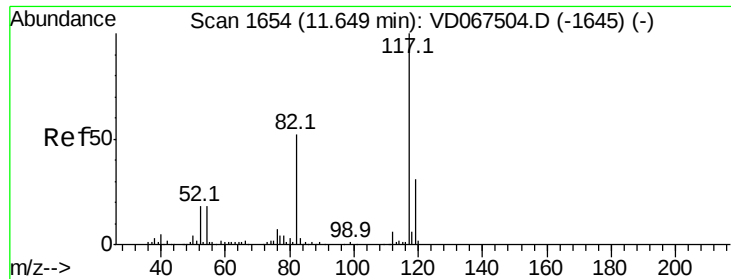
Tot Ion:107 Resp: 41989
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 49.873 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 95 Resp: 165019
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 177.8
 176 86.7 0.0 172.0

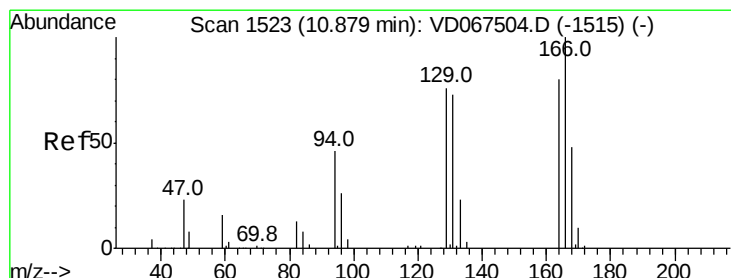
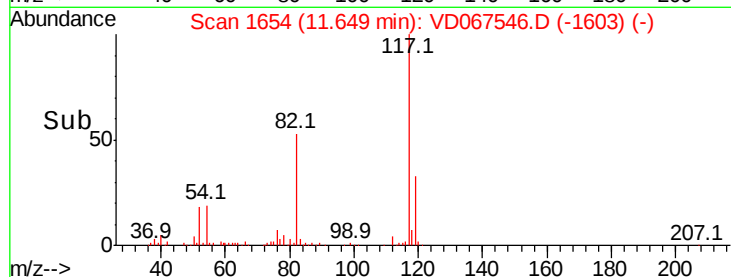
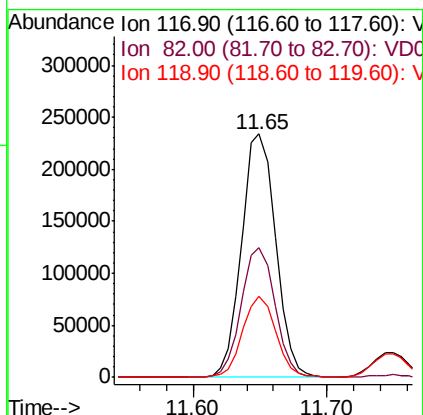
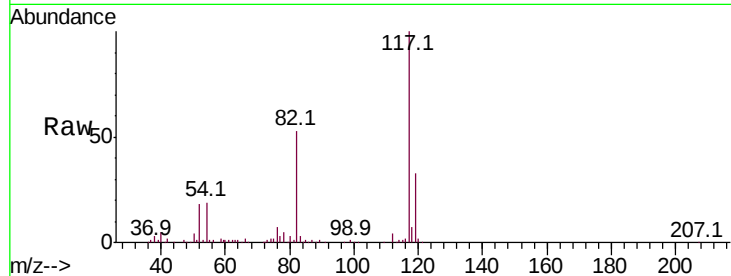




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

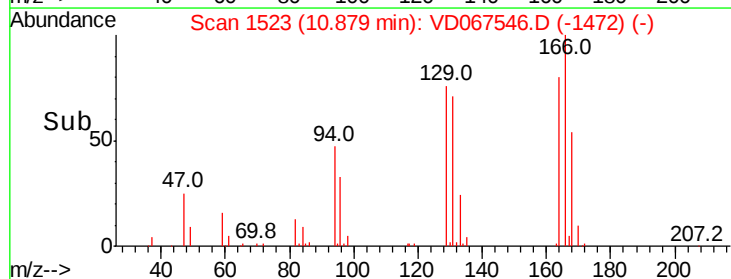
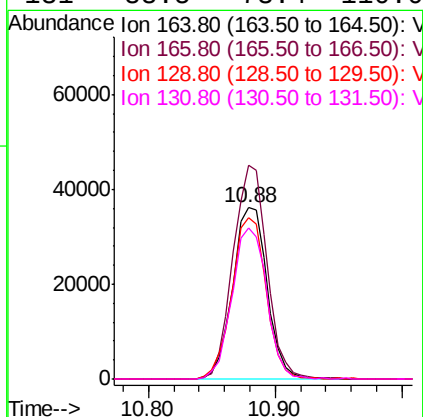
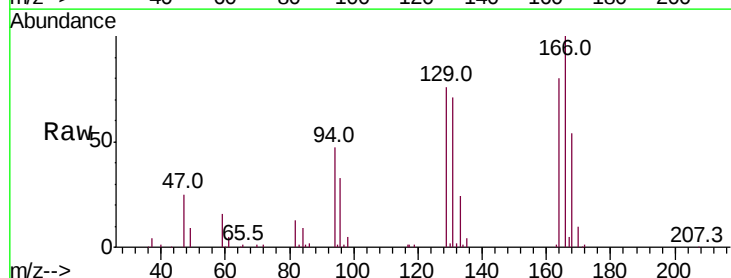
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

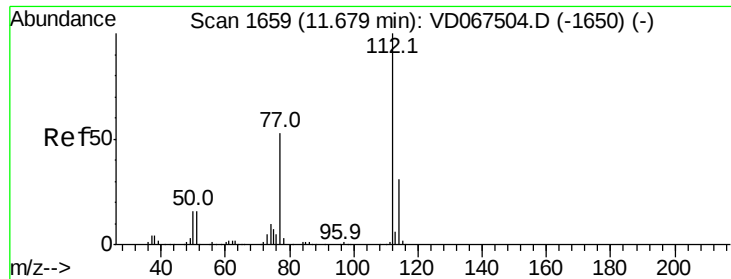
Tot Ion:117 Resp: 415166
Ion Ratio Lower Upper
117 100
82 53.3 41.6 62.4
119 33.2 25.1 37.7



#64
Tetrachloroethene
Concen: 22.064 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion:164 Resp: 67841
Ion Ratio Lower Upper
164 100
166 125.0 99.9 149.9
129 94.5 75.5 113.3
131 88.5 73.4 110.0

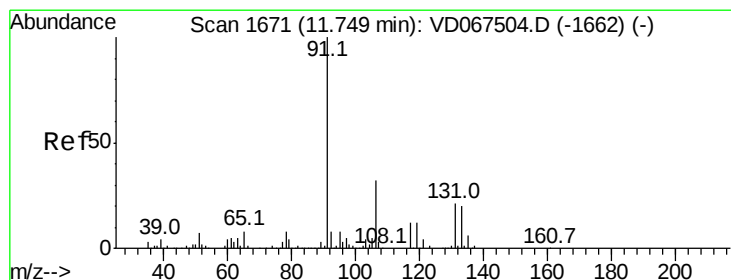
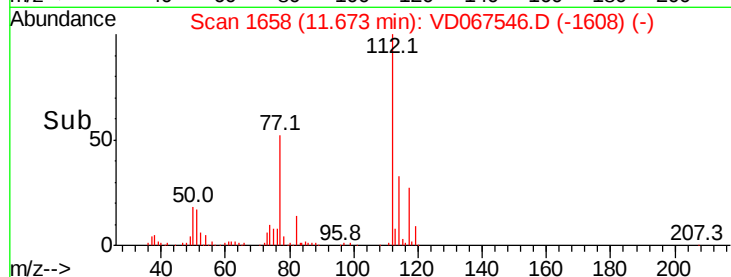
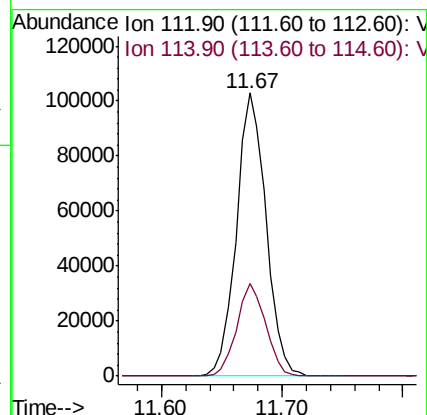
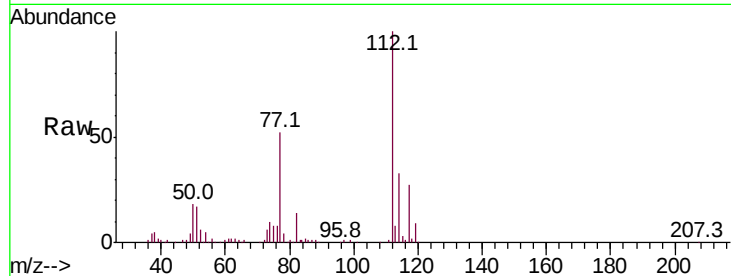




#65
Chlorobenzene
Concen: 21.940 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

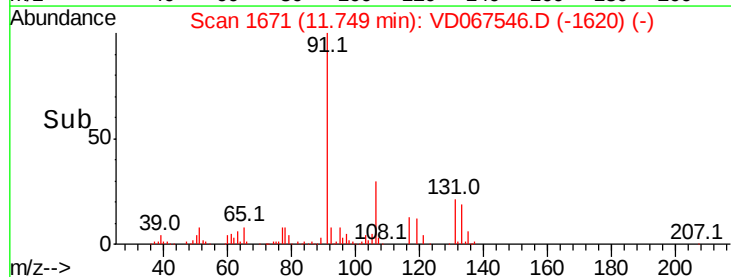
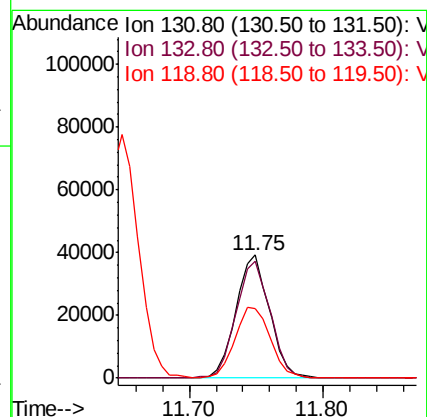
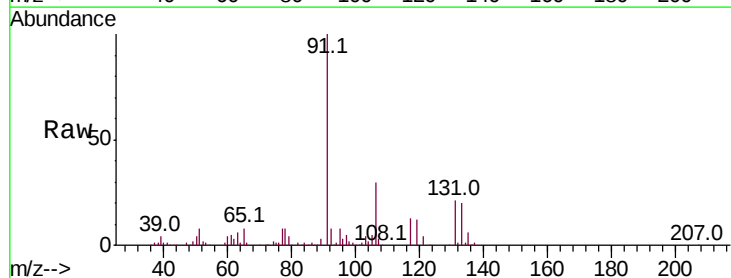
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

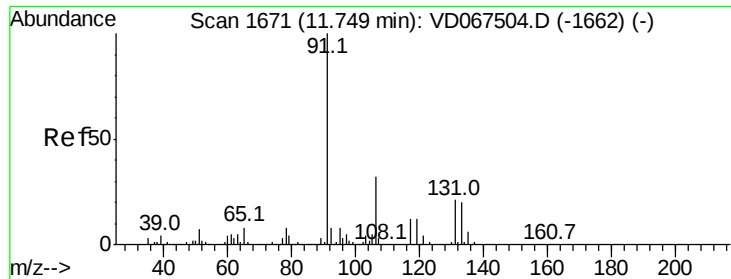
Tot Ion:112 Resp: 175462
Ion Ratio Lower Upper
112 100
114 32.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.749 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion:131 Resp: 68553
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 61.0 30.1 90.5





#67

Ethyl Benzene

Concen: 22.066 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

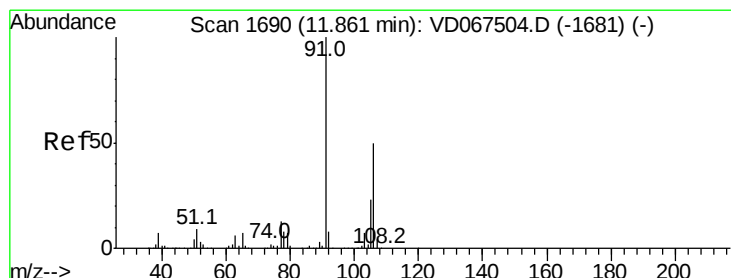
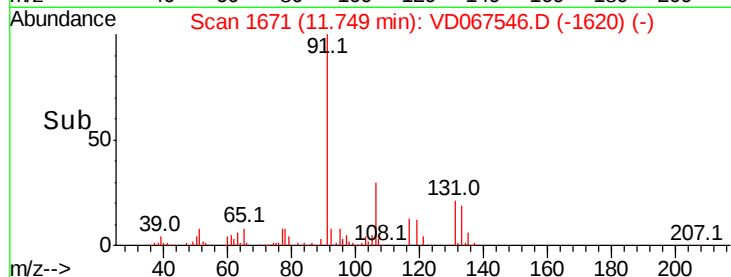
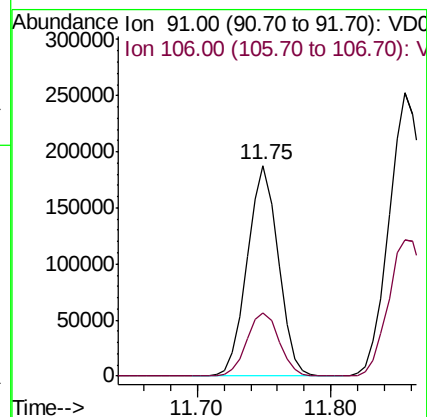
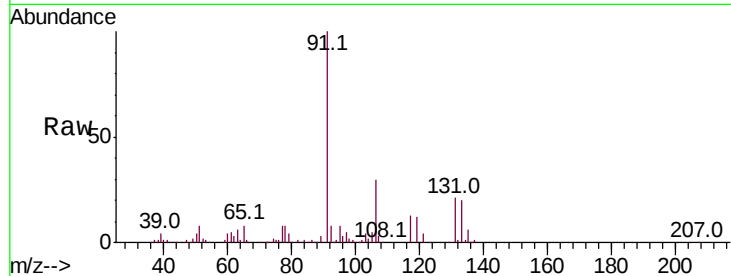
VD1106SBS01

Tot Ion: 91 Resp: 301965

Ion Ratio Lower Upper

91 100

106 30.2 25.7 38.5



#68

m/p-Xylenes

Concen: 44.884 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067546.D

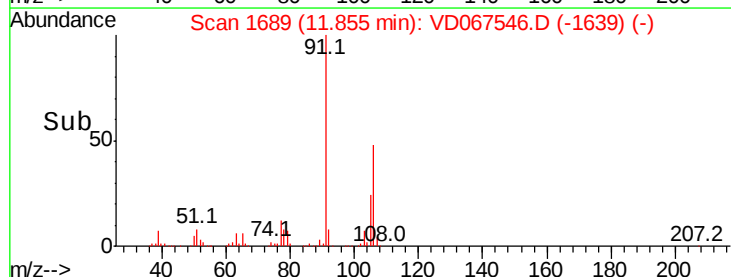
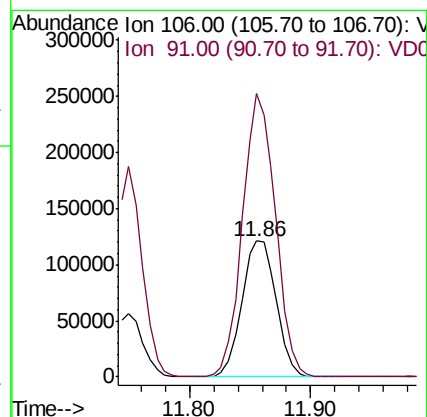
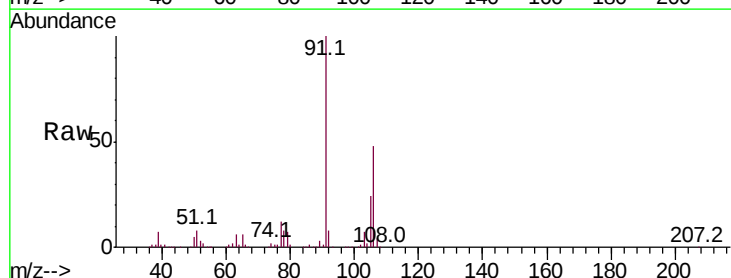
Acq: 06 Nov 2020 11:37

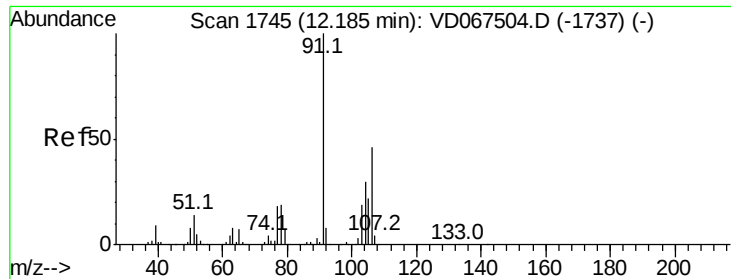
Tgt Ion: 106 Resp: 238965

Ion Ratio Lower Upper

106 100

91 200.8 162.6 244.0

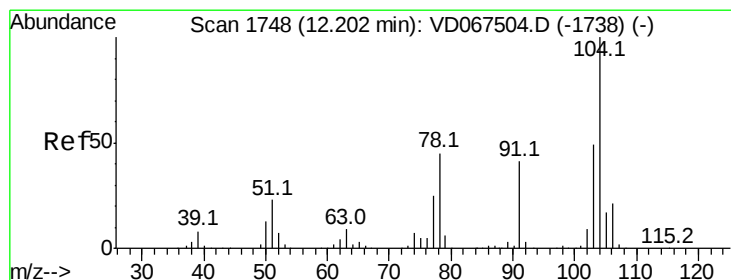
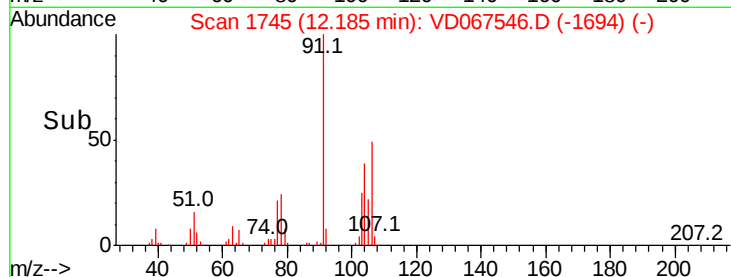
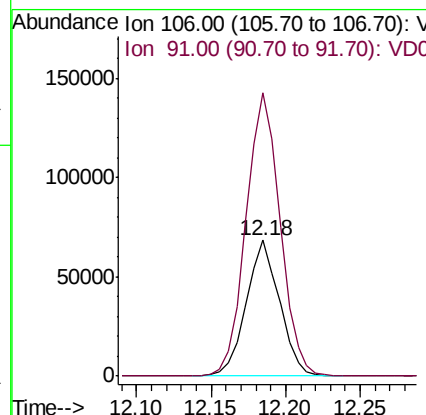
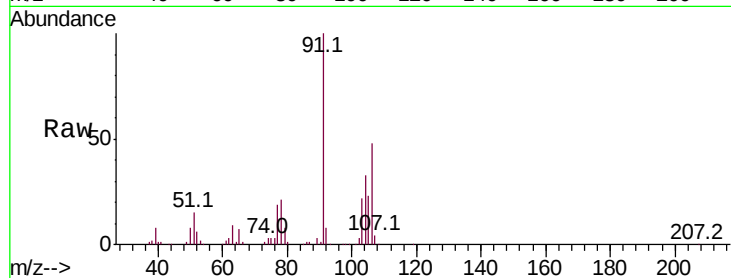




#69
o-Xylene
Concen: 22.216 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

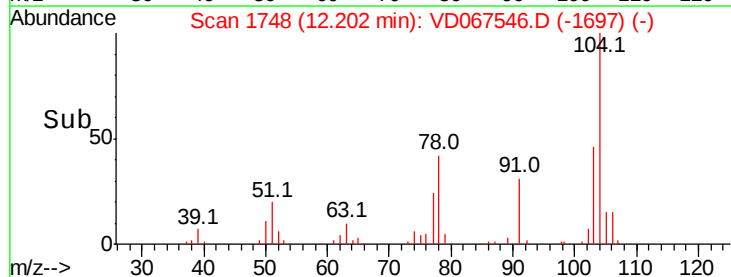
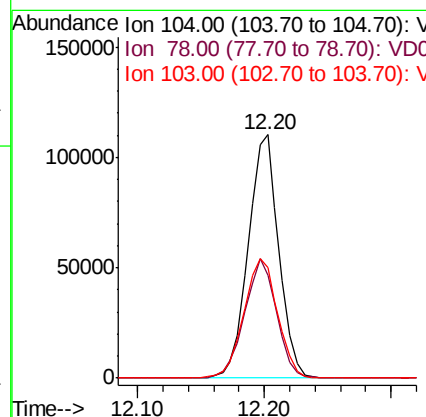
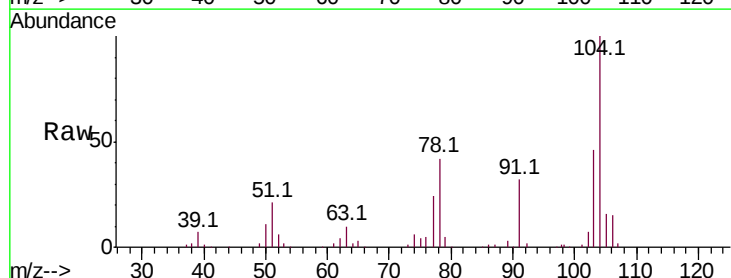
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

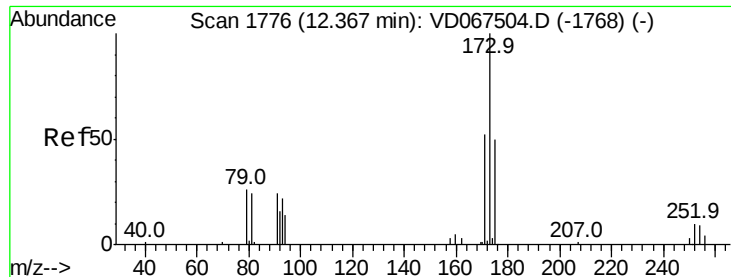
Tot Ion:106 Resp: 105600
Ion Ratio Lower Upper
106 100
91 213.8 107.1 321.1



#70
Styrene
Concen: 22.260 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion:104 Resp: 184376
Ion Ratio Lower Upper
104 100
78 51.3 39.8 59.8
103 54.1 43.9 65.9





#71

Bromoform

Concen: 23.815 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

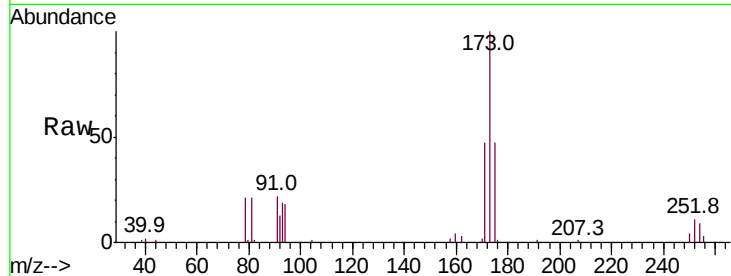
Tot Ion:173 Resp: 38284

Ion Ratio Lower Upper

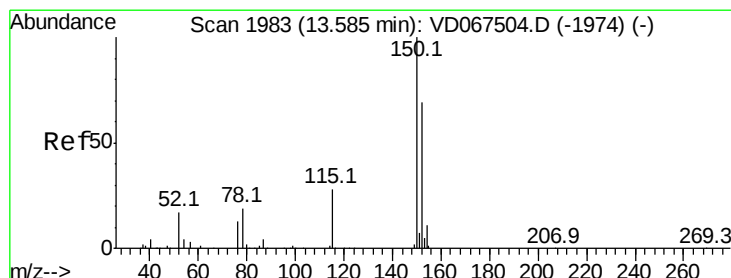
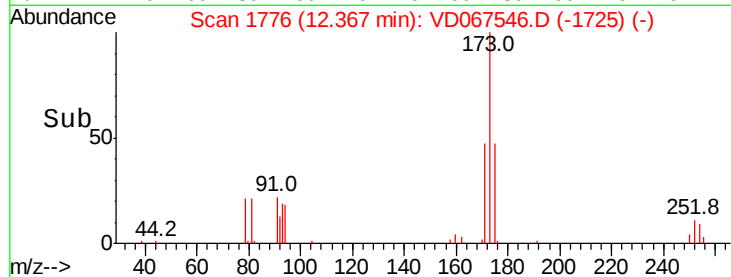
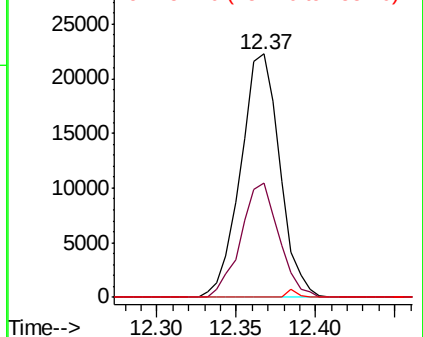
173 100

175 45.3 24.1 72.2

254 0.8 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

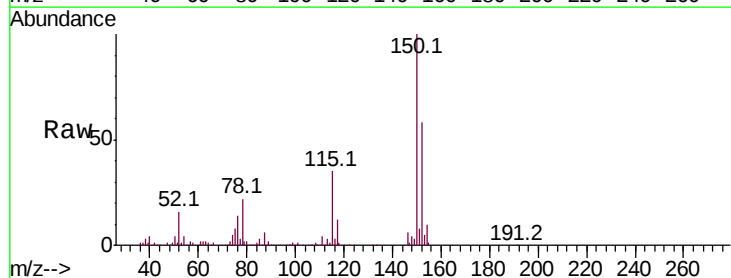
Tgt Ion:152 Resp: 213680

Ion Ratio Lower Upper

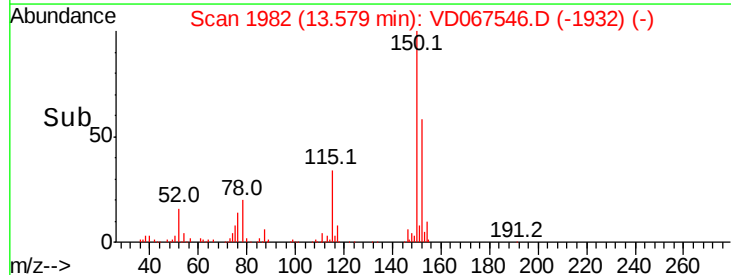
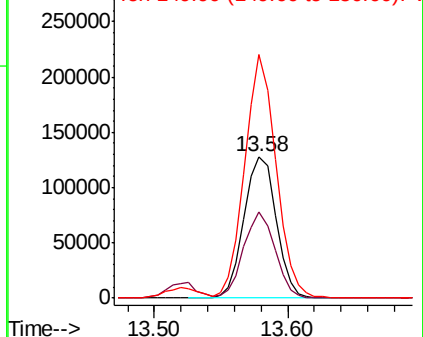
152 100

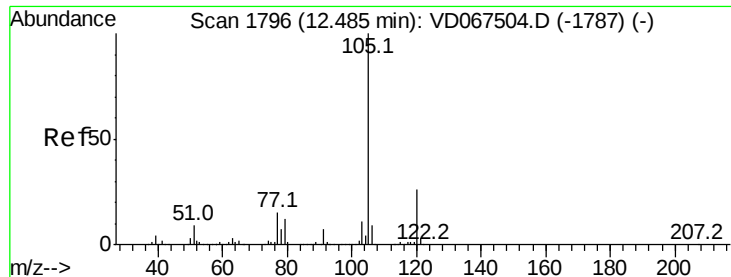
115 59.0 29.3 88.0

150 167.2 0.0 338.2



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





#73

Isopropylbenzene

Concen: 21.955 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

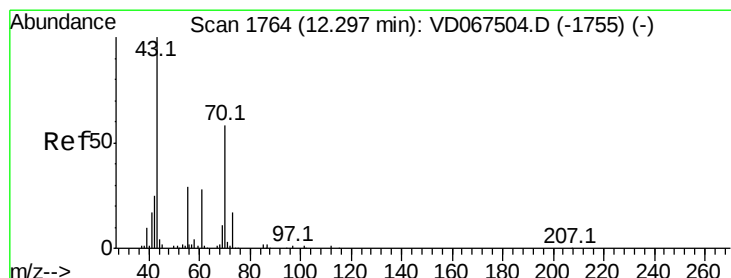
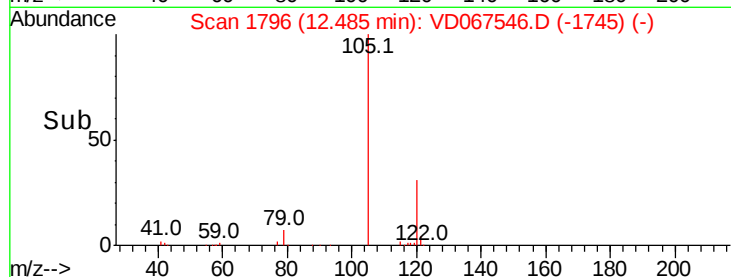
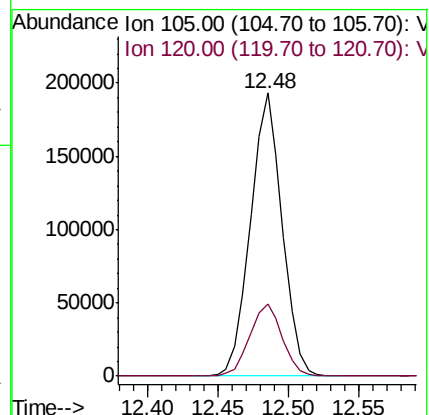
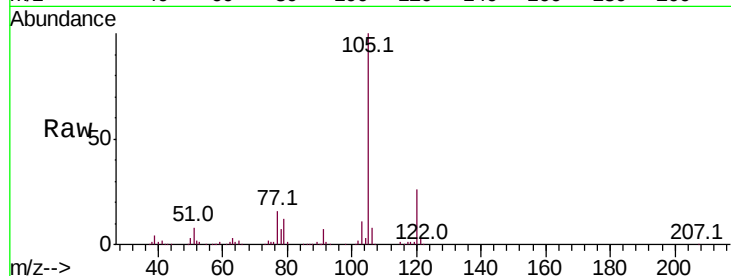
VD1106SBS01

Tot Ion:105 Resp: 303200

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 22.697 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Tgt Ion: 43 Resp: 41243

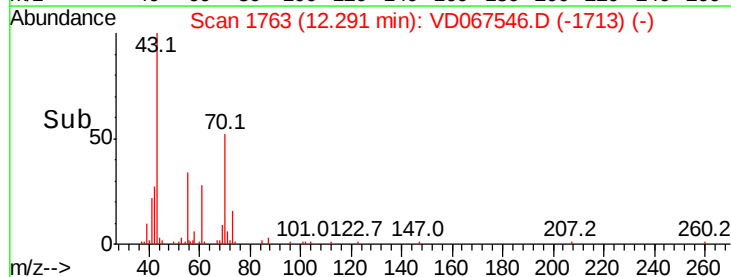
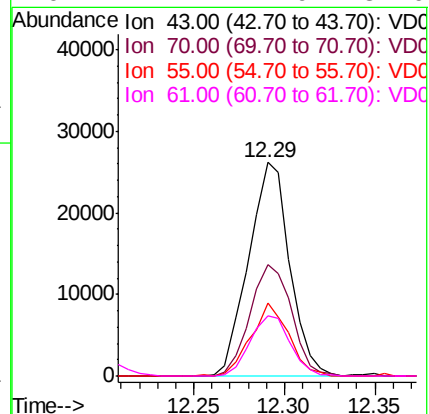
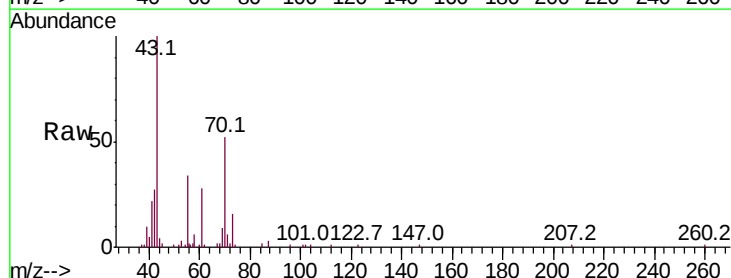
Ion Ratio Lower Upper

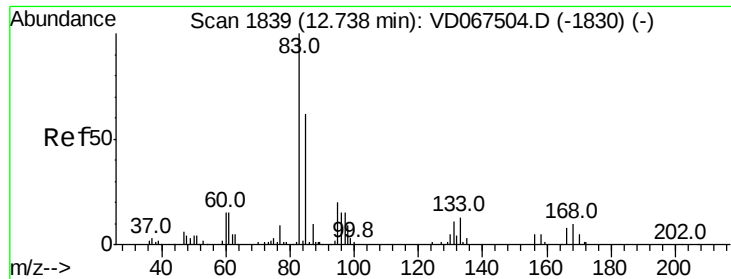
43 100

70 52.4 42.6 64.0

55 31.4 23.7 35.5

61 27.7 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.135 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

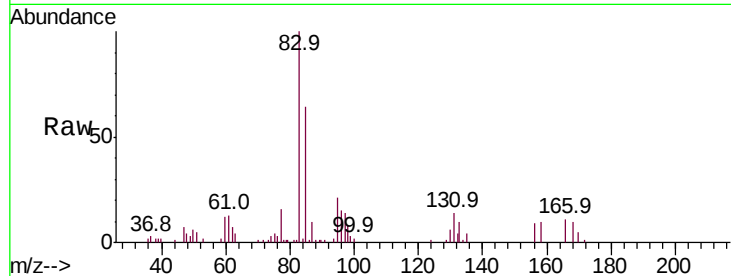
Tot Ion: 83 Resp: 43565

Ion Ratio Lower Upper

83 100

131 13.6 7.1 21.3

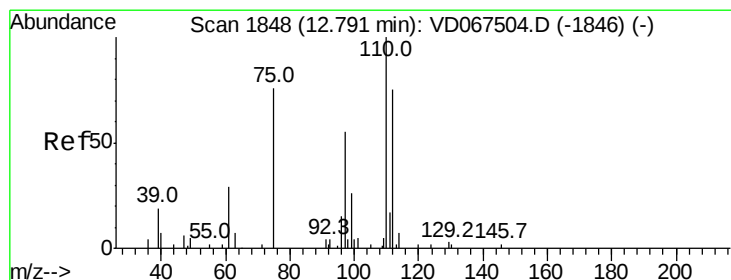
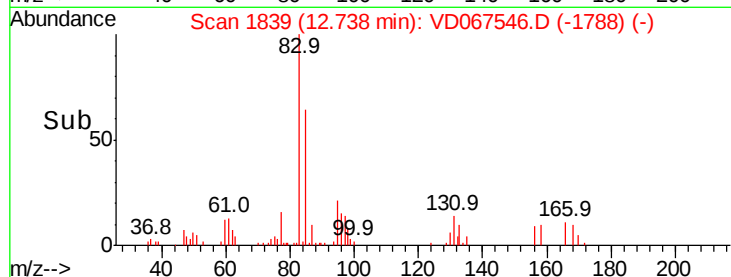
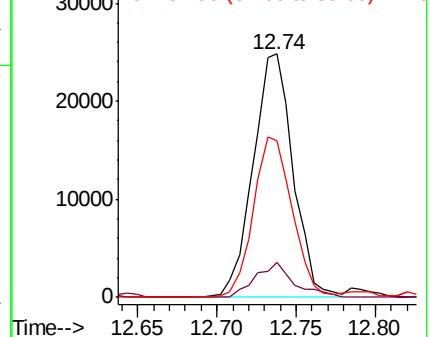
85 64.1 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 46.696 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067546.D

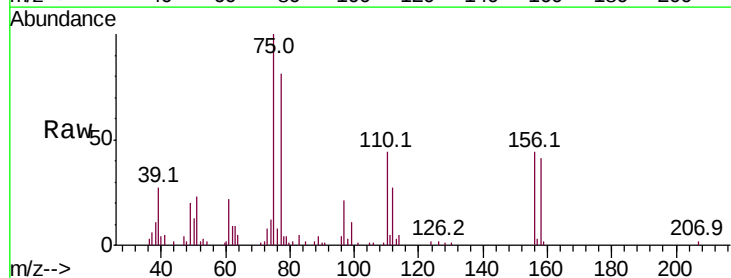
Acq: 06 Nov 2020 11:37

Tgt Ion: 75 Resp: 60193

Ion Ratio Lower Upper

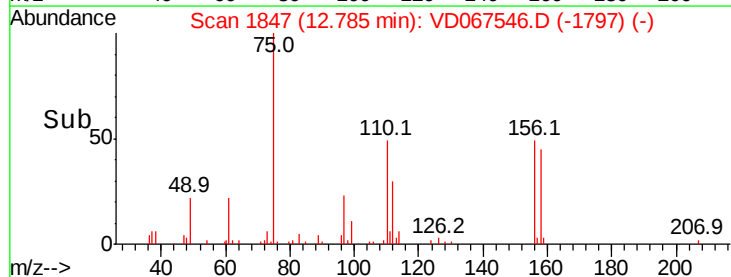
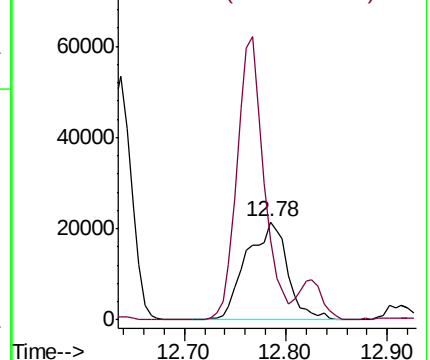
75 100

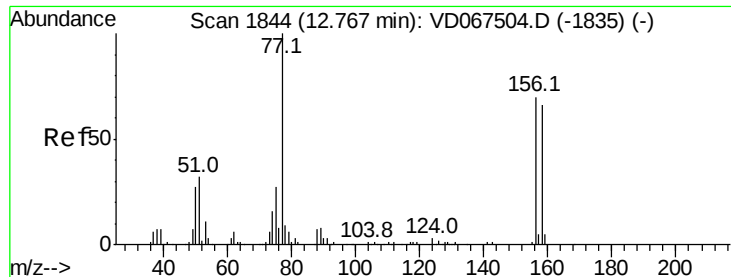
77 189.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.325 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

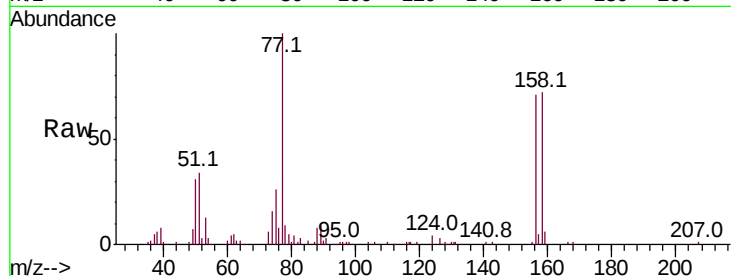
Tot Ion:156 Resp: 75715

Ion Ratio Lower Upper

156 100

77 150.6 77.8 233.5

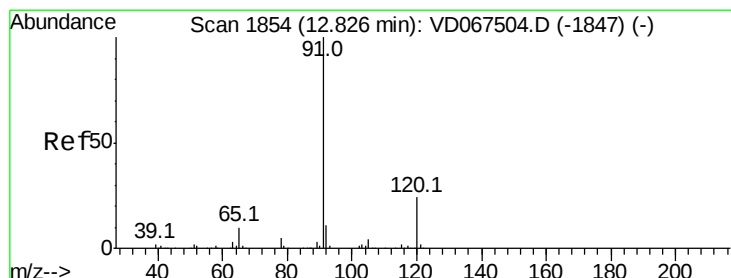
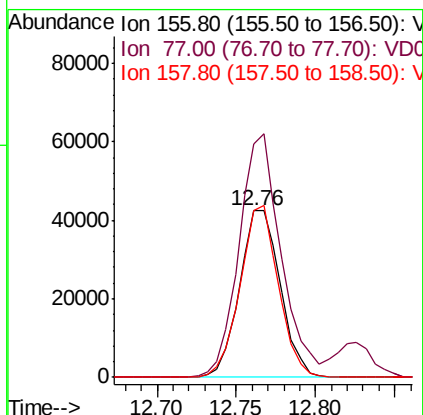
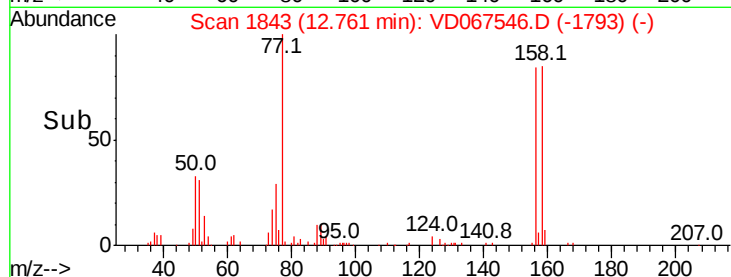
158 97.2 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.865 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067546.D

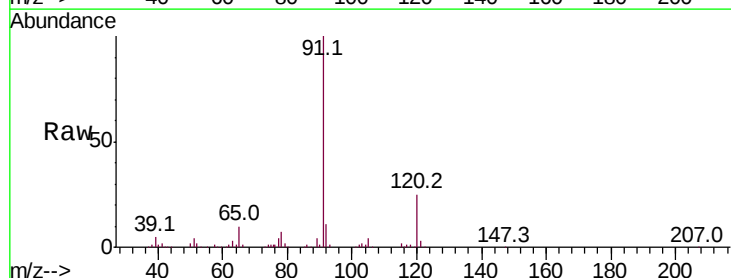
Acq: 06 Nov 2020 11:37

Tgt Ion: 91 Resp: 345372

Ion Ratio Lower Upper

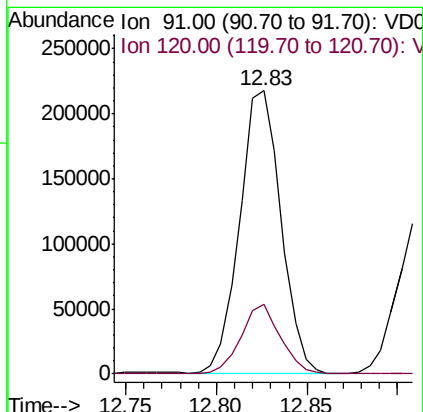
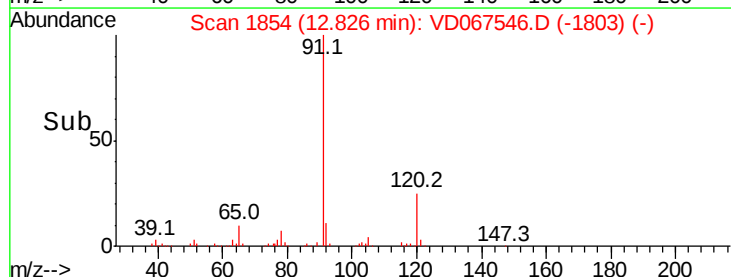
91 100

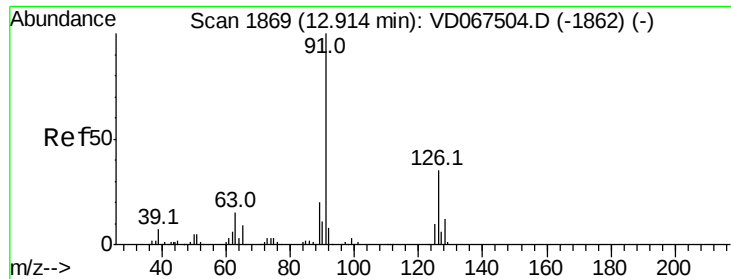
120 23.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.052 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

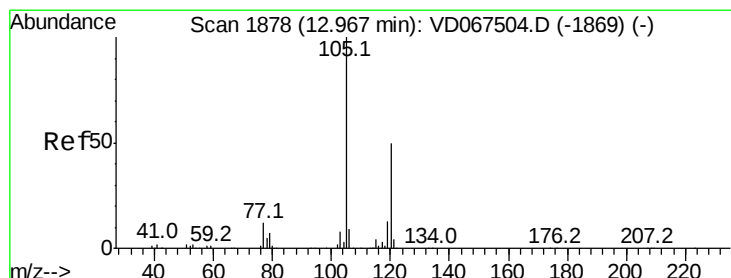
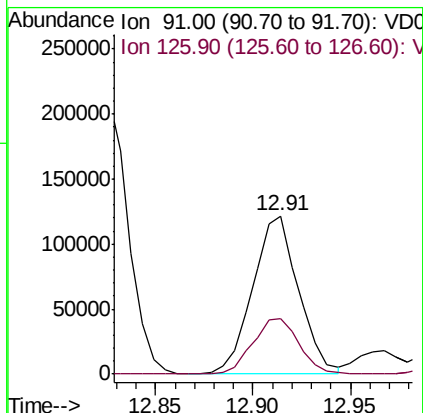
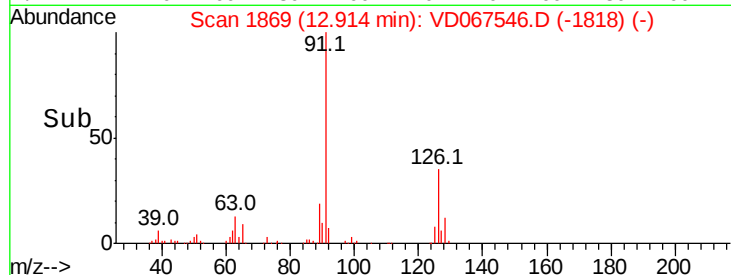
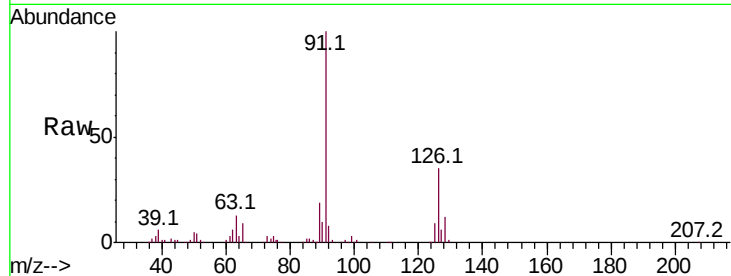
VD1106SBS01

Tot Ion: 91 Resp: 197873

Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 22.283 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067546.D

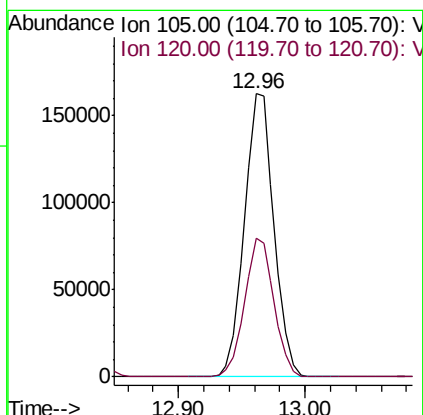
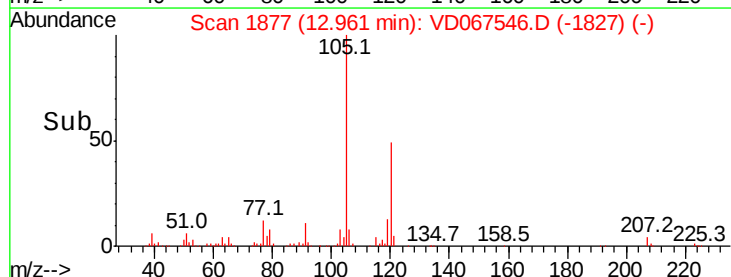
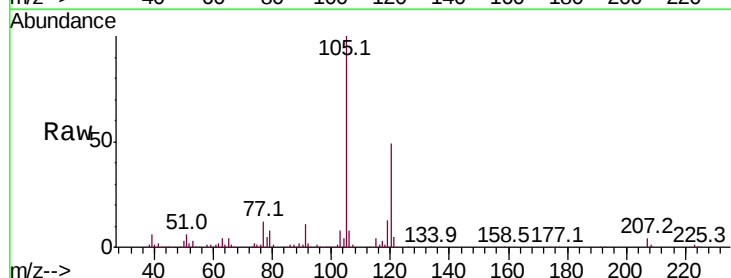
Acq: 06 Nov 2020 11:37

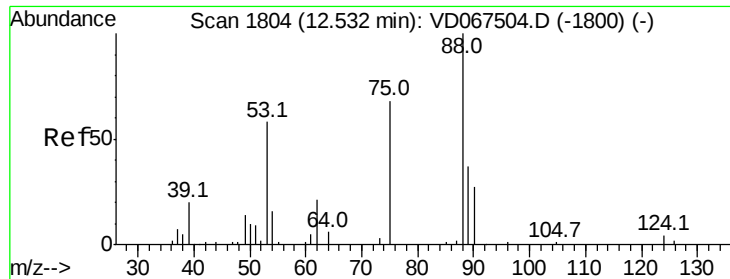
Tgt Ion:105 Resp: 262868

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.538 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

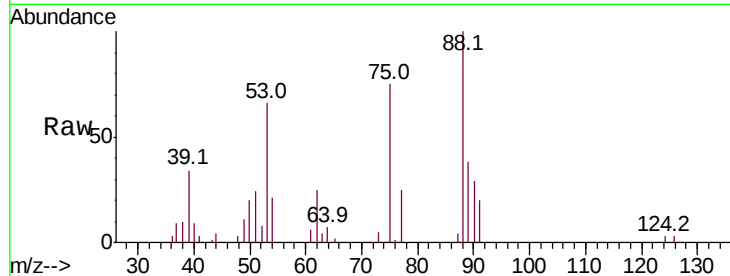
Tot Ion: 75 Resp: 13040

Ion Ratio Lower Upper

75 100

53 100.5 75.9 113.9

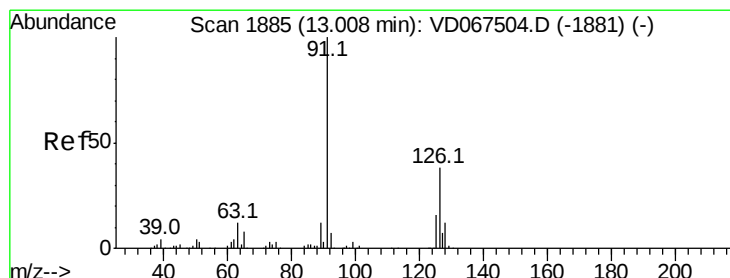
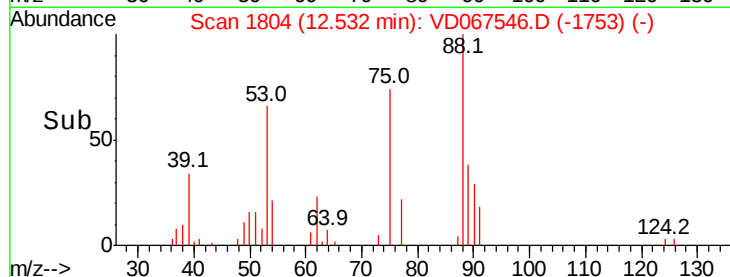
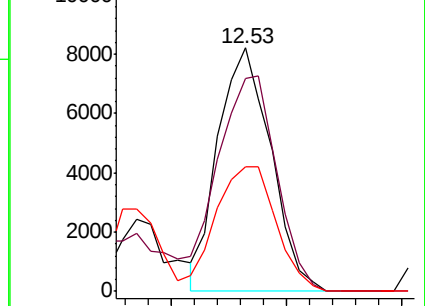
89 59.0 44.6 67.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 22.420 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067546.D

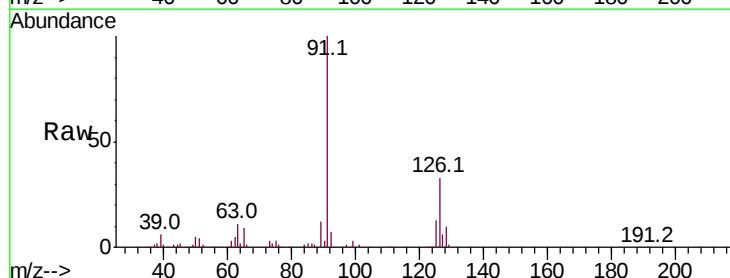
Acq: 06 Nov 2020 11:37

Tgt Ion: 91 Resp: 215753

Ion Ratio Lower Upper

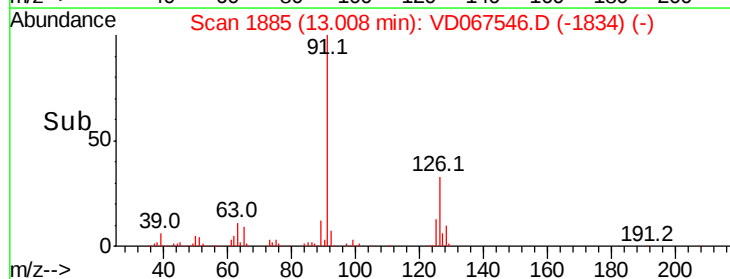
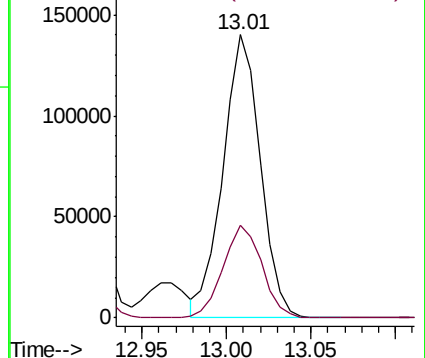
91 100

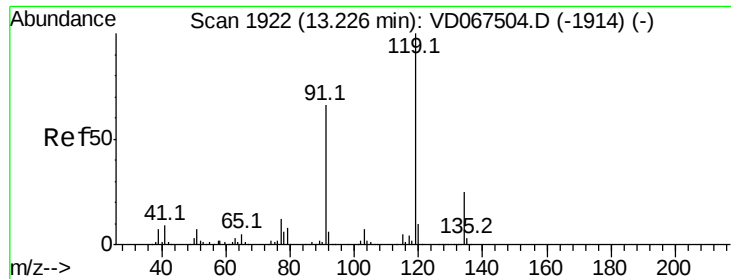
126 34.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

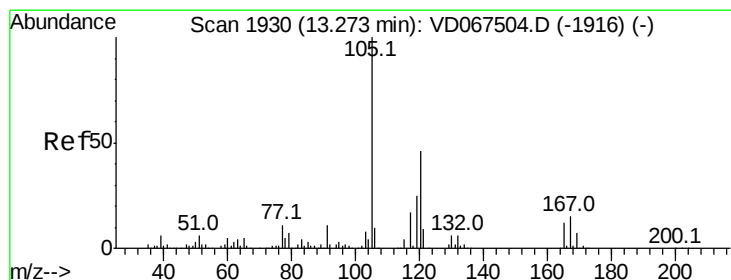
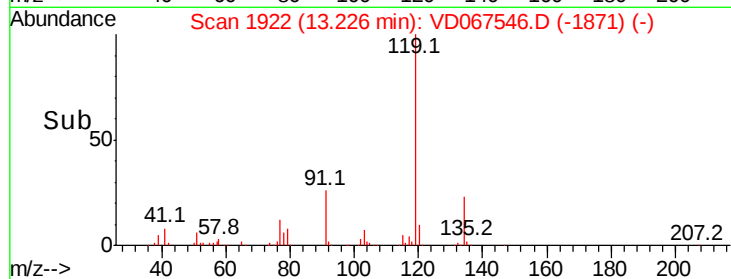
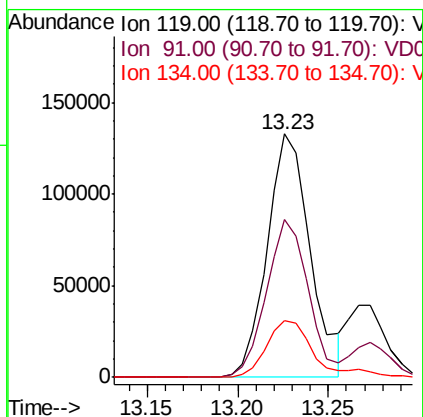
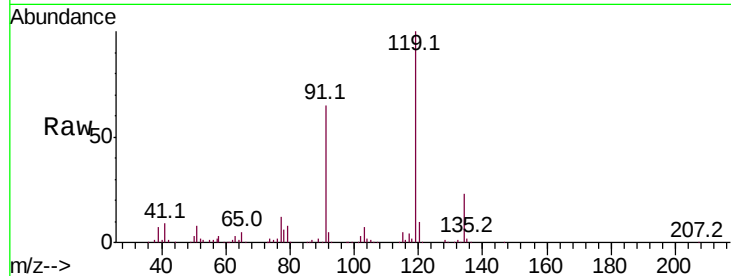




#83
tert-Butylbenzene
Concen: 22.084 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

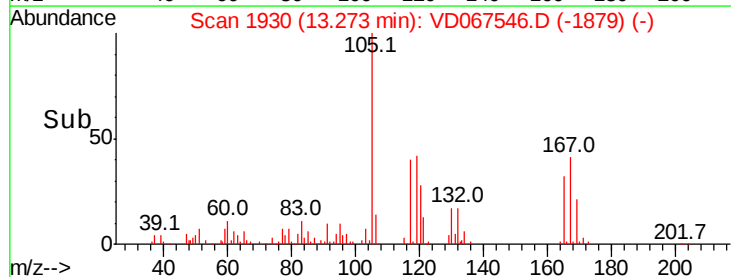
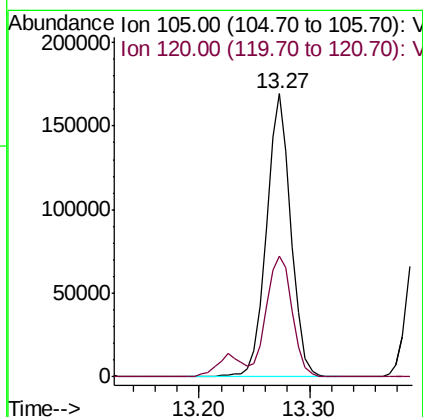
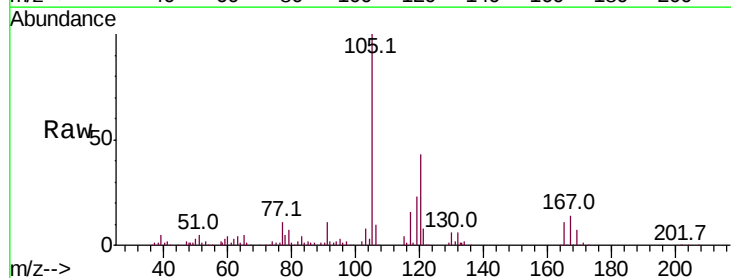
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

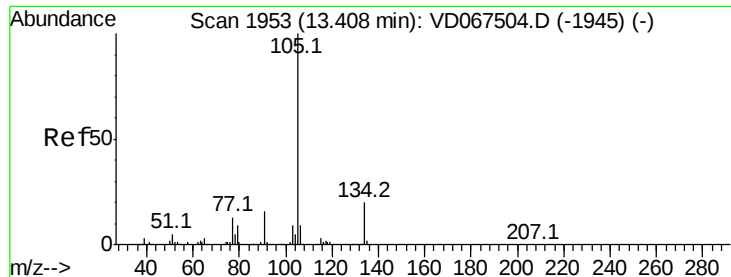
Tot Ion:119 Resp: 220797
Ion Ratio Lower Upper
119 100
91 62.9 32.7 98.1
134 26.1 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 22.170 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion:105 Resp: 260335
Ion Ratio Lower Upper
105 100
120 45.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 21.620 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

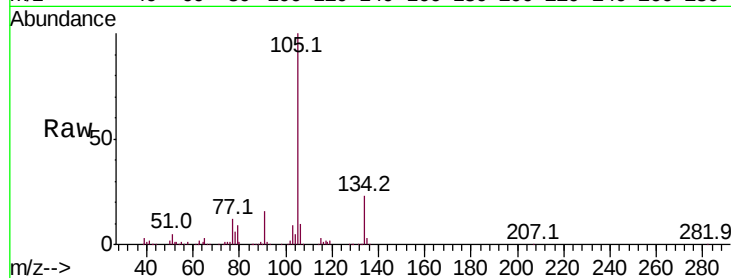
VD1106SBS01

Tot Ion:105 Resp: 291797

Ion Ratio Lower Upper

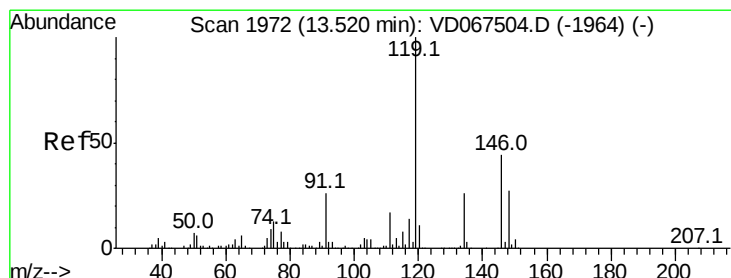
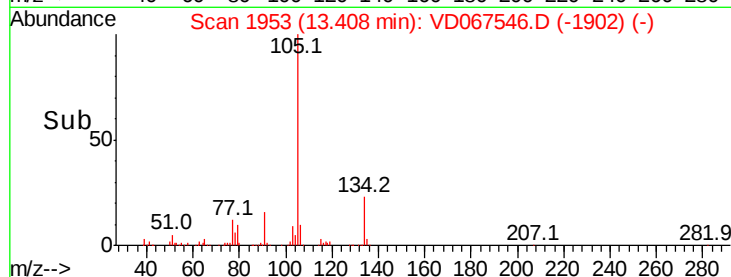
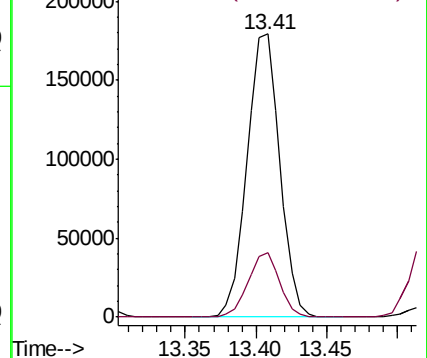
105 100

134 21.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.903 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

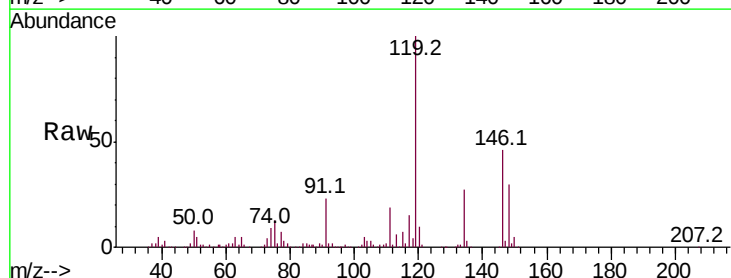
Tgt Ion:119 Resp: 285470

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

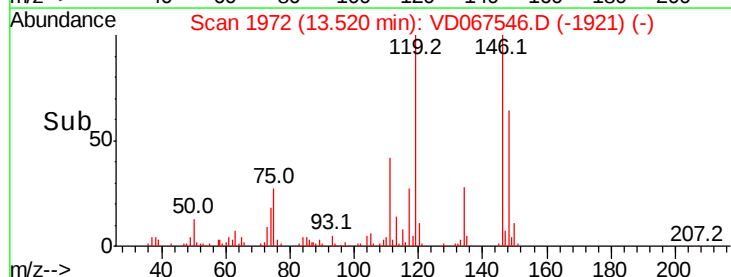
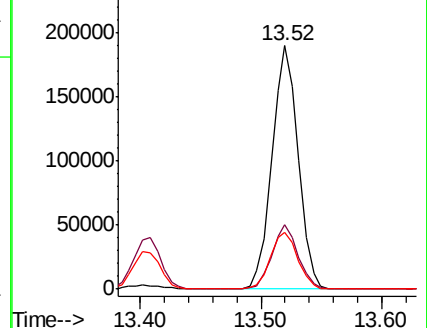
91 24.3 12.2 36.4

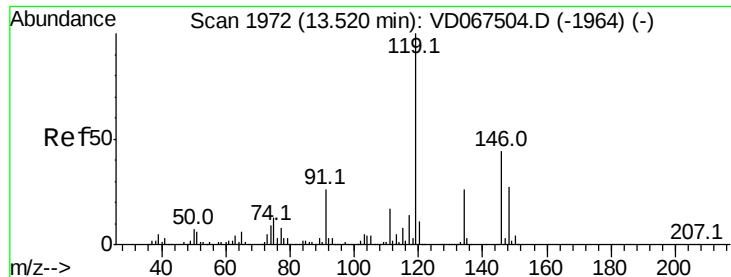


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 22.228 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

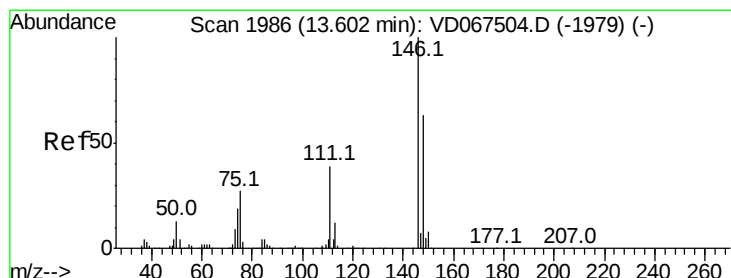
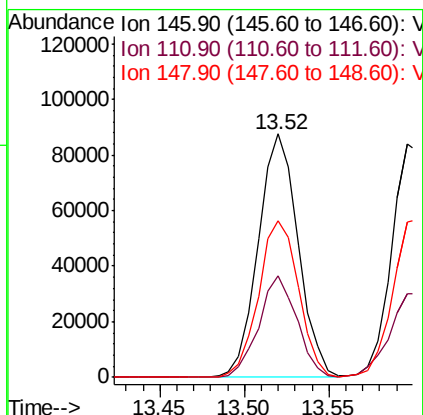
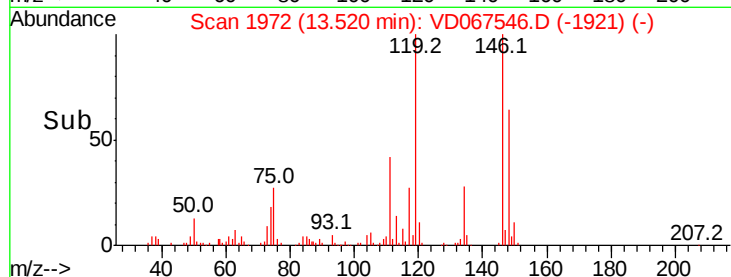
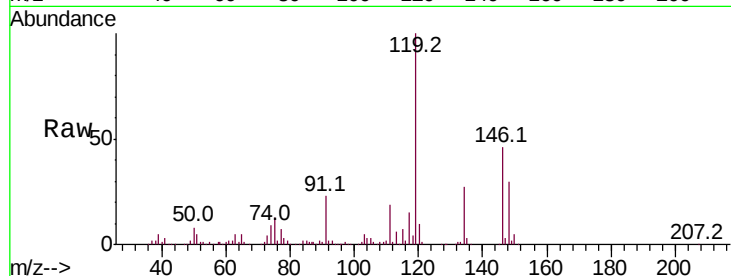
Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion:146 Resp: 143848

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.8
148	64.6	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 21.465 ug/l

RT: 13.60 min Scan# 1985

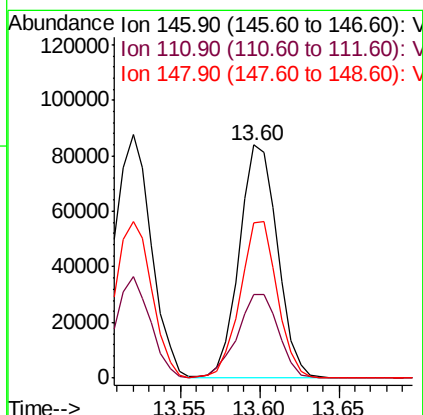
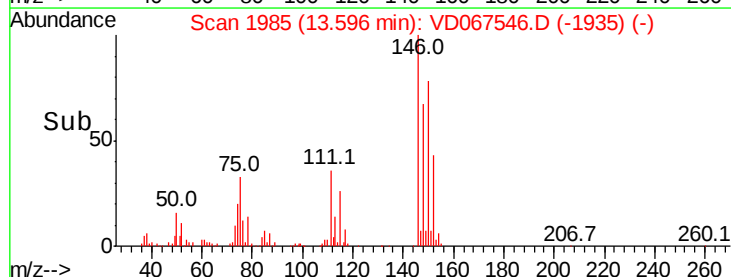
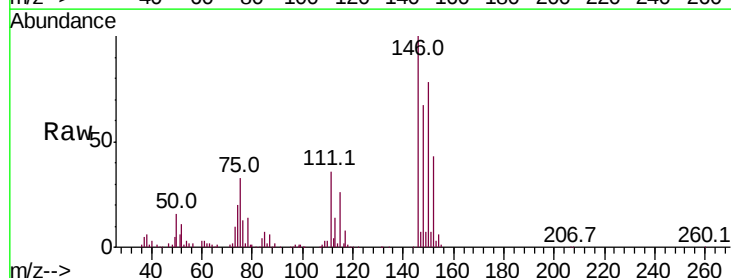
Delta R.T. -0.01 min

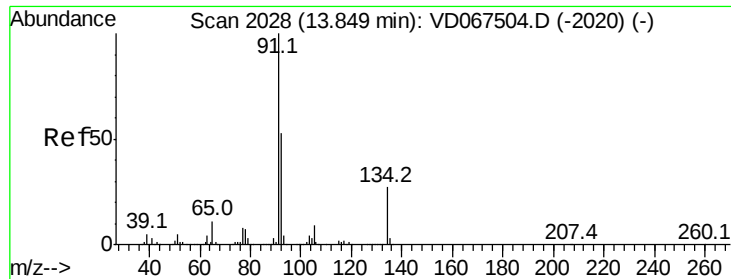
Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Tgt Ion:146 Resp: 140657

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	65.4	31.8	95.4

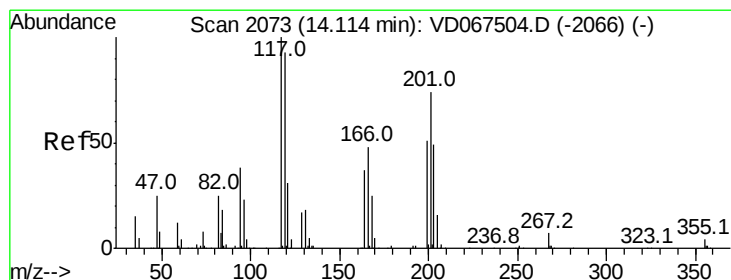
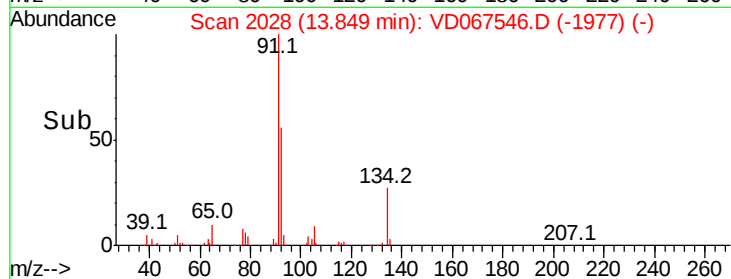
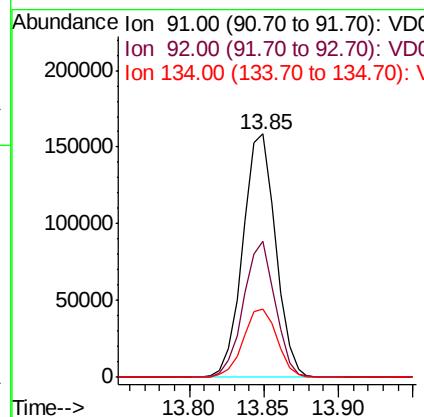
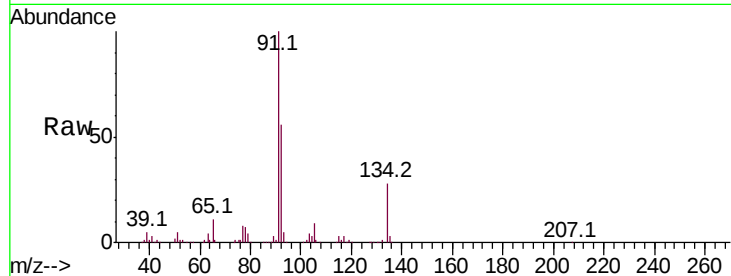




#89
n-Butylbenzene
Concen: 21.433 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

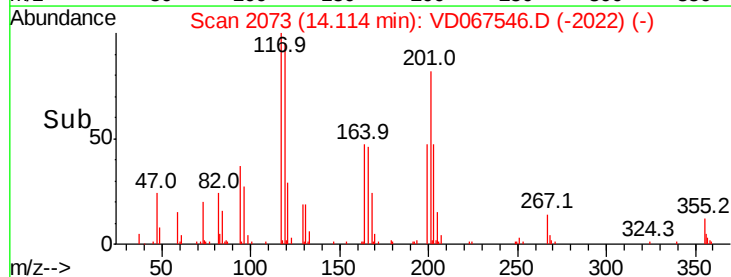
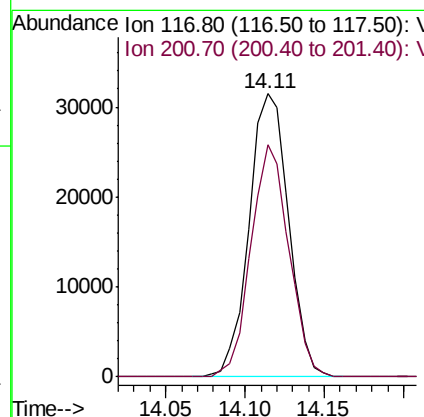
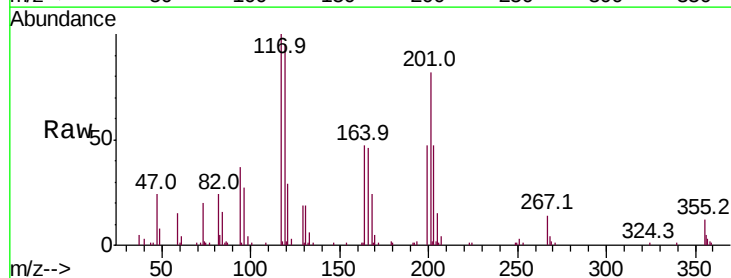
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

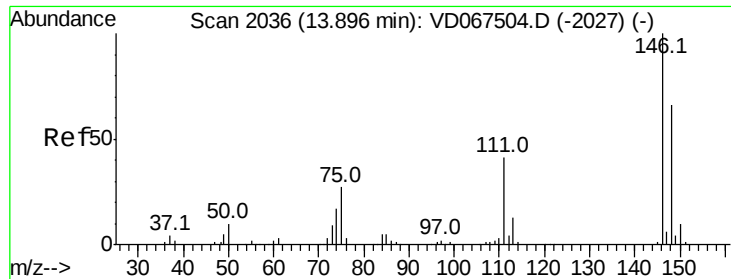
Tot Ion: 91 Resp: 241290
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 28.9 14.1 42.2



#90
Hexachloroethane
Concen: 22.195 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 117 Resp: 54475
Ion Ratio Lower Upper
117 100
201 78.9 40.7 122.1

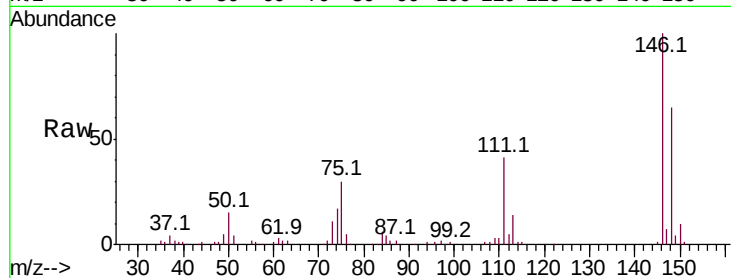




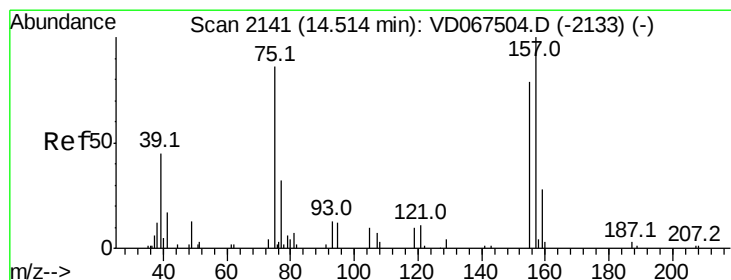
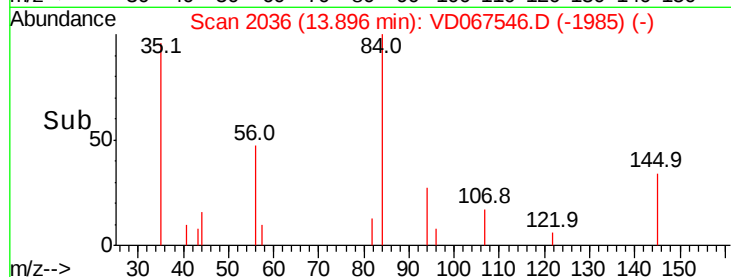
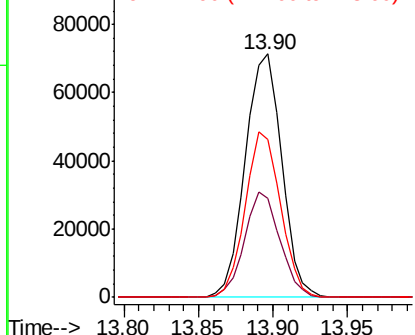
#91
 1,2-Dichlorobenzene
 Concen: 21.563 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion:146 Resp: 120773
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.7 62.1
 148 65.9 31.5 94.5

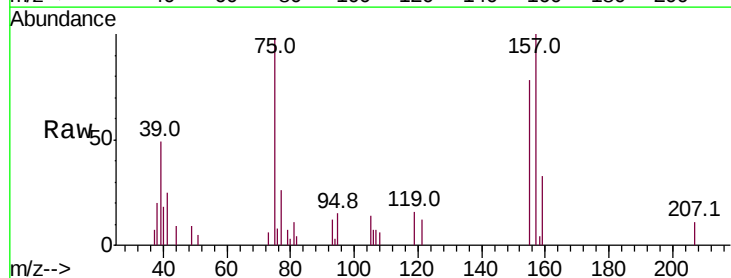


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

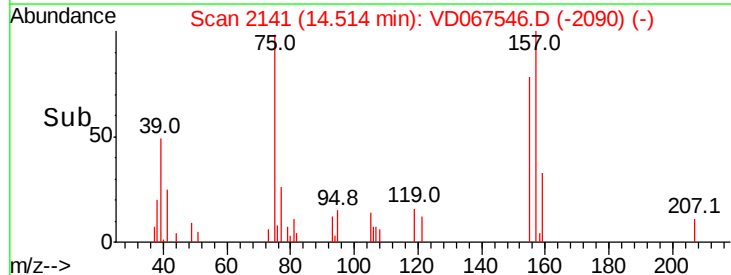
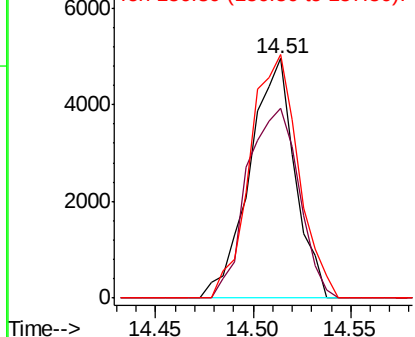


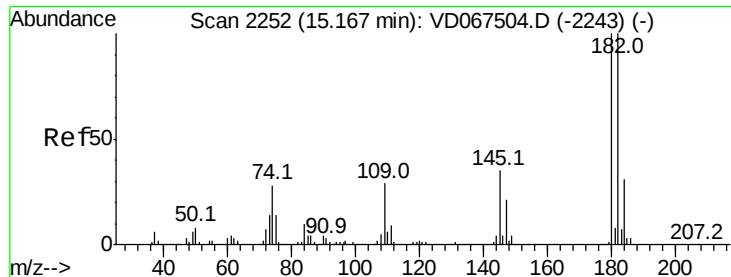
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.883 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 75 Resp: 7963
 Ion Ratio Lower Upper
 75 100
 155 90.3 46.6 139.8
 157 108.5 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

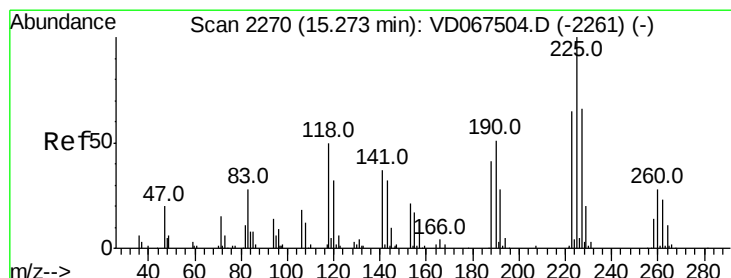
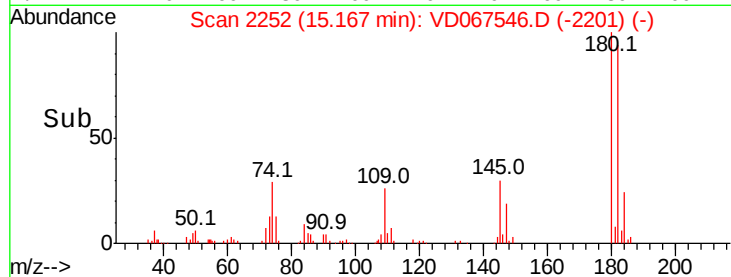
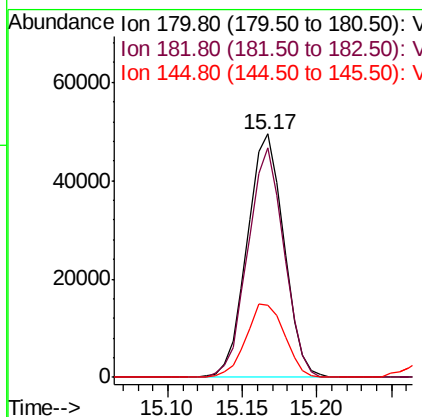
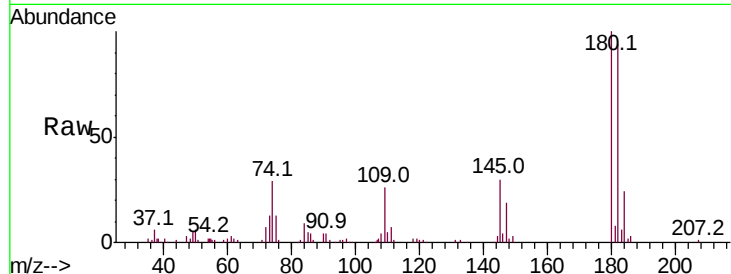




#93
 1,2,4-Trichlorobenzene
 Concen: 22.172 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

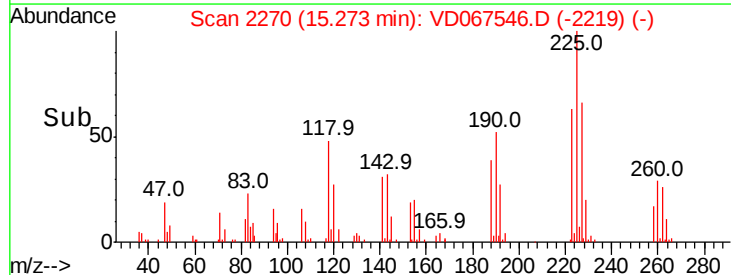
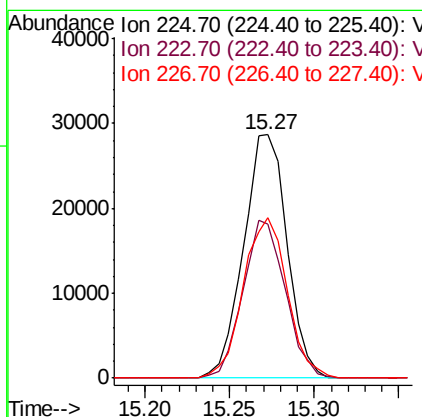
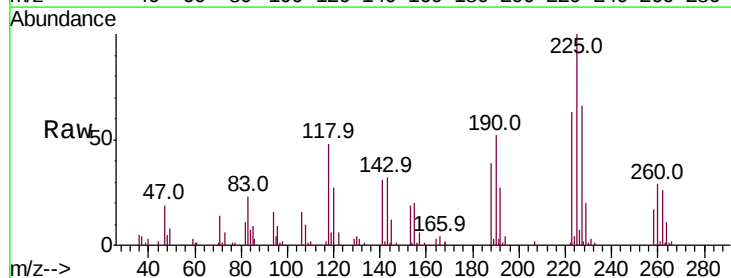
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

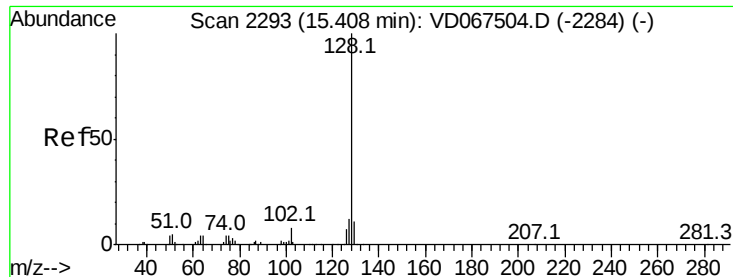
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.4	142.3
145	31.6	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 20.218 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.9	95.5
227	66.4	32.5	97.4





#95

Naphthalene

Concen: 22.681 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

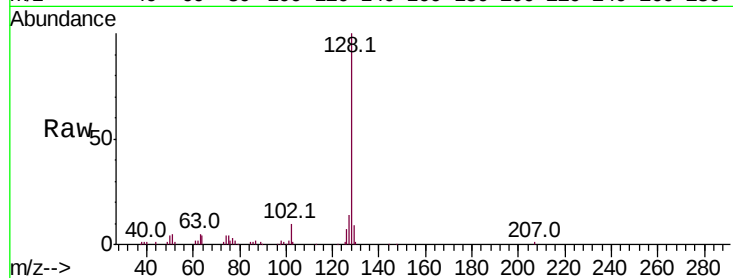
Tot Ion:128 Resp: 133057

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

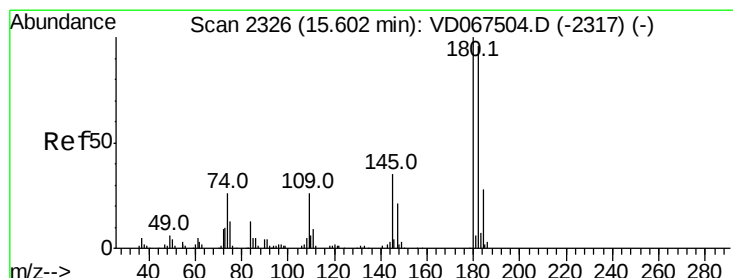
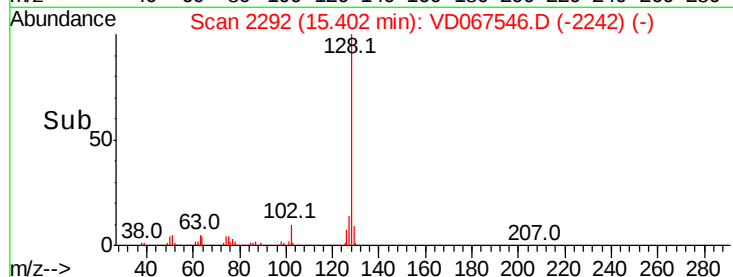
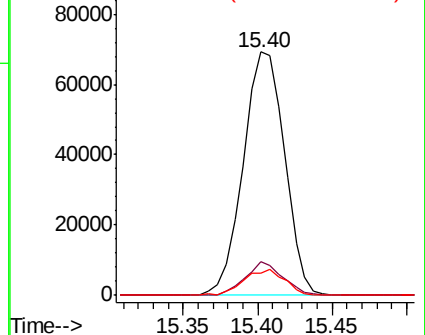
129 10.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.020 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

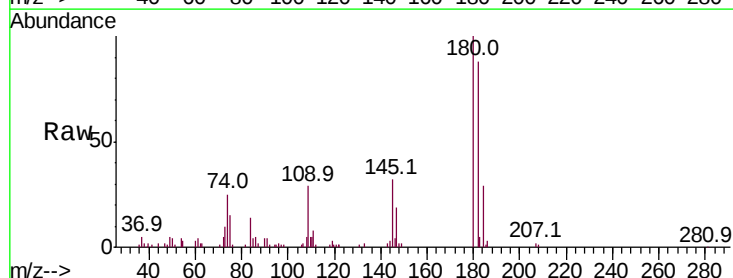
Tgt Ion:180 Resp: 71682

Ion Ratio Lower Upper

180 100

182 94.2 46.9 140.8

145 34.9 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

