

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067596.D
 Acq On : 11 Nov 2020 12:24
 Operator : VA/SY
 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Quant Time: Nov 12 00:08:25 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	296218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	438762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	406385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	208127	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	124301	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	7.91	113	128212	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.34	98	442376	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.64	95	165858	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	61572	23.245	ug/l	97
3) Chloromethane	2.21	50	38207	20.713	ug/l	97
4) Vinyl Chloride	2.35	62	42484	20.658	ug/l	96
5) Bromomethane	2.76	94	32864	19.716	ug/l	99
6) Chloroethane	2.92	64	27020	21.311	ug/l	94
7) Trichlorofluoromethane	3.27	101	122463	22.998	ug/l	98
8) Diethyl Ether	3.71	74	23334	21.747	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	61992	23.063	ug/l	98
10) Methyl Iodide	4.30	142	59965	20.815	ug/l	98
11) Tert butyl alcohol	5.19	59	9236	68.045	ug/l #	87
12) 1,1-Dichloroethene	4.07	96	53256	21.540	ug/l	95
13) Acrolein	3.92	56	5712	72.404	ug/l	100
14) Allyl chloride	4.71	41	57129	21.590	ug/l	99
15) Acrylonitrile	5.42	53	44855	113.090	ug/l	98
16) Acetone	4.15	43	41360	106.710	ug/l	98
17) Carbon Disulfide	4.41	76	159033	20.992	ug/l	98
18) Methyl Acetate	4.71	43	19285	24.078	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	111567	22.877	ug/l #	90
20) Methylene Chloride	4.96	84	60590	22.130	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	61667	21.415	ug/l	96
22) Diisopropyl ether	6.37	45	116325	22.559	ug/l	99
23) Vinyl Acetate	6.31	43	305309	113.113	ug/l	98
24) 1,1-Dichloroethane	6.27	63	93182	22.089	ug/l	99
25) 2-Butanone	7.21	43	46458	112.175	ug/l	96
26) 2,2-Dichloropropane	7.21	77	102251	22.967	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	65291	21.844	ug/l	95
28) Bromochloromethane	7.55	49	28210	18.800	ug/l	92
29) Tetrahydrofuran	7.56	42	28431	114.604	ug/l	95
30) Chloroform	7.71	83	110203	21.898	ug/l	100
31) Cyclohexane	7.99	56	78073	20.783	ug/l #	90
32) 1,1,1-Trichloroethane	7.91	97	115958	22.332	ug/l	100
36) 1,1-Dichloropropene	8.11	75	82314	21.917	ug/l	99
37) Ethyl Acetate	7.30	43	21952	22.514	ug/l	96
38) Carbon Tetrachloride	8.10	117	111097	22.767	ug/l	97

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 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Quant Time: Nov 12 00:08:25 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)
39) Methylcyclohexane	9.36	83	98036	22.178	ug/l	99
40) Benzene	8.36	78	224544	22.072	ug/l	98
41) Methacrylonitrile	7.53	41	10484	17.988	ug/l #	83
42) 1,2-Dichloroethane	8.43	62	72234	22.981	ug/l	97
43) Isopropyl Acetate	8.46	43	43442	22.528	ug/l	96
44) Trichloroethene	9.11	130	74852	22.377	ug/l	92
45) 1,2-Dichloropropane	9.39	63	48321	21.969	ug/l	99
46) Dibromomethane	9.48	93	30982	22.153	ug/l	99
47) Bromodichloromethane	9.67	83	86855	22.849	ug/l	95
48) Methyl methacrylate	9.46	41	20865	20.956	ug/l	91
49) 1,4-Dioxane	9.47	88	6617	466.066	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	109317	118.534	ug/l	98
52) Toluene	10.41	92	155407	22.807	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	74624	22.922	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	85664	22.147	ug/l	96
55) 1,1,2-Trichloroethane	10.81	97	43400	23.454	ug/l	95
56) Ethyl methacrylate	10.67	69	44894	23.494	ug/l	94
57) 1,3-Dichloropropane	10.95	76	68587	23.034	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	98335	110.352	ug/l	97
59) 2-Hexanone	10.99	43	79803	123.757	ug/l	95
60) Dibromochloromethane	11.14	129	63742	23.286	ug/l	95
61) 1,2-Dibromoethane	11.25	107	43133	23.225	ug/l	98
64) Tetrachloroethene	10.88	164	66474	22.087	ug/l	97
65) Chlorobenzene	11.67	112	173087	22.111	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	72205	23.403	ug/l	99
67) Ethyl Benzene	11.75	91	306607	22.889	ug/l	99
68) m/p-Xylenes	11.86	106	244054	46.831	ug/l	97
69) o-Xylene	12.19	106	108324	23.281	ug/l	98
70) Styrene	12.20	104	185427	22.870	ug/l	98
71) Bromoform	12.37	173	38111	24.220	ug/l #	100
73) Isopropylbenzene	12.48	105	307645	22.872	ug/l	100
74) N-amyl acetate	12.29	43	42228	23.859	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.74	83	42762	23.314	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	58826	46.853	ug/l #	100
77) Bromobenzene	12.77	156	73520	22.256	ug/l	98
78) n-propylbenzene	12.83	91	349030	22.686	ug/l	100
79) 2-Chlorotoluene	12.91	91	196698	22.506	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	268812	23.395	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13607	22.003	ug/l	95
82) 4-Chlorotoluene	13.01	91	211005	22.511	ug/l	98
83) tert-Butylbenzene	13.23	119	235584	24.192	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	273456	23.908	ug/l	99
85) sec-Butylbenzene	13.41	105	308704	23.483	ug/l	99
86) p-Isopropyltoluene	13.52	119	296319	23.342	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	146861	23.299	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	140737	22.050	ug/l	98
89) n-Butylbenzene	13.85	91	257574	23.490	ug/l	98
90) Hexachloroethane	14.11	117	54591	22.835	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	122479	22.451	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7751	23.868	ug/l	94

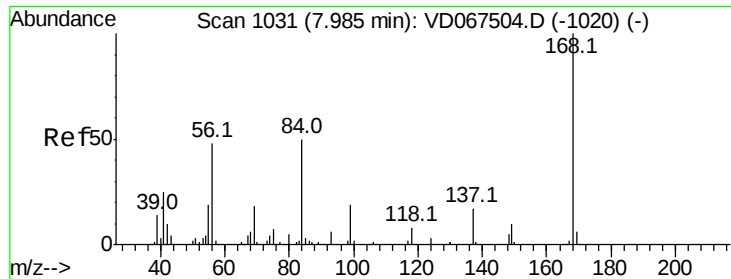
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067596.D
Acq On : 11 Nov 2020 12:24
Operator : VA/SY
Sample : VD1111SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
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MSVOA_D
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Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.17	180	85432	23.073	ug/l	99
94) Hexachlorobutadiene	15.27	225	54826	22.125	ug/l	98
95) Naphthalene	15.41	128	134604	23.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	73587	23.209	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: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

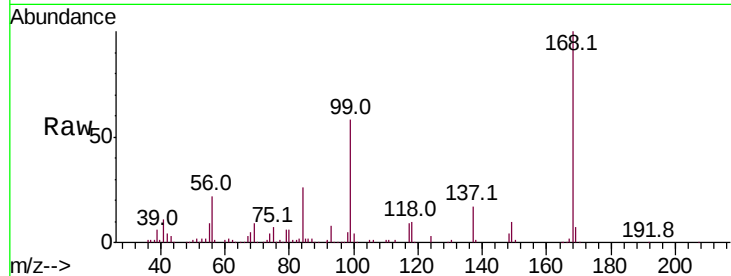
VD1111SBS01

Tot Ion:168 Resp: 296218

Ion Ratio Lower Upper

168 100

99 57.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

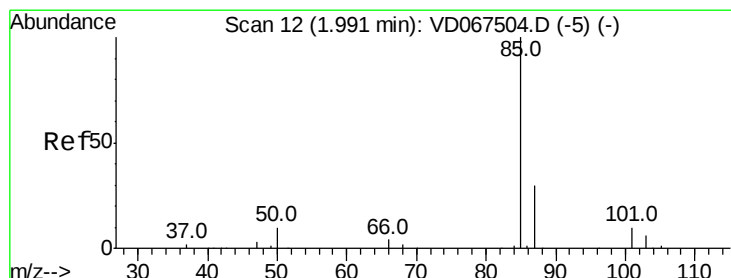
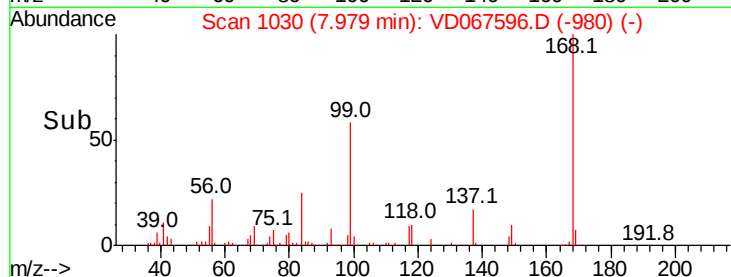
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.245 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067596.D

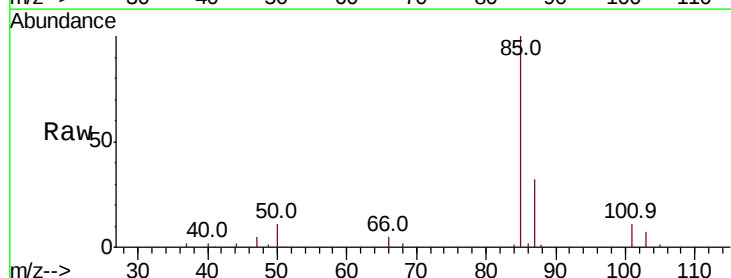
Acq: 11 Nov 2020 12:24

Tgt Ion: 85 Resp: 61572

Ion Ratio Lower Upper

85 100

87 32.3 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

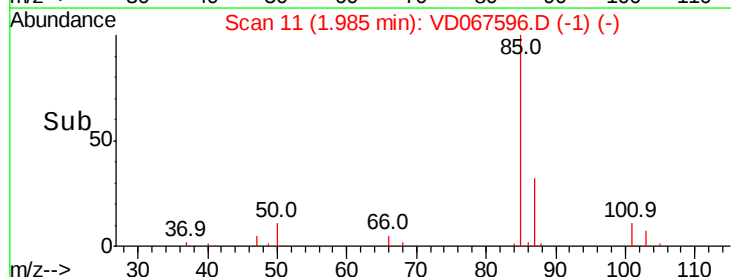
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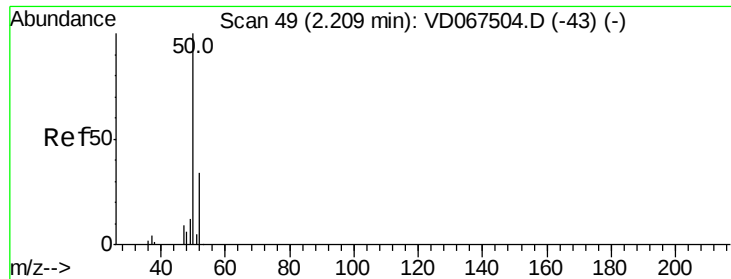
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.713 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

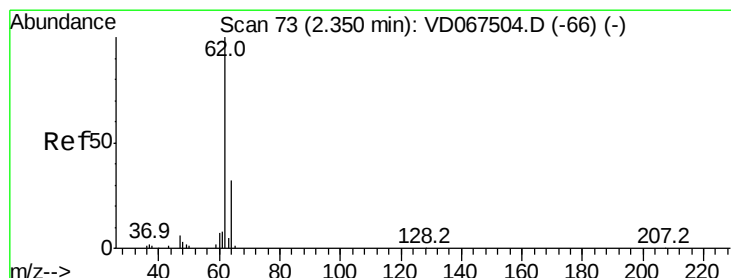
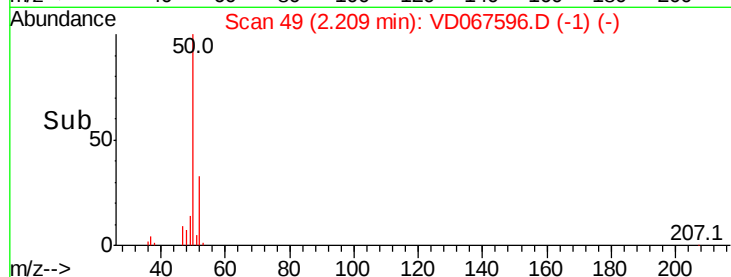
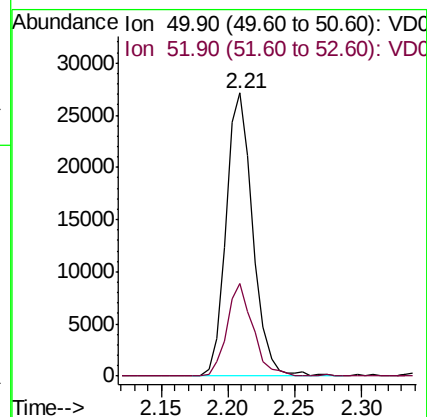
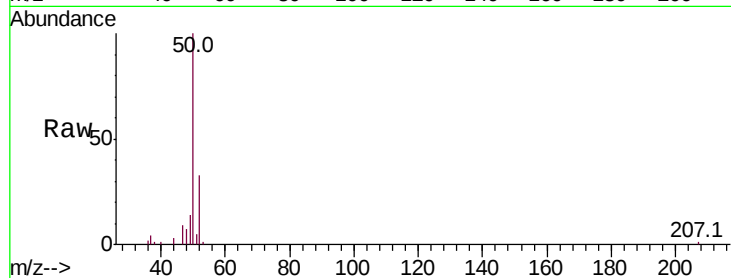
VD1111SBS01

Tot Ion: 50 Resp: 38207

Ion Ratio Lower Upper

50 100

52 32.6 27.3 40.9



#4

Vinyl Chloride

Concen: 20.658 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067596.D

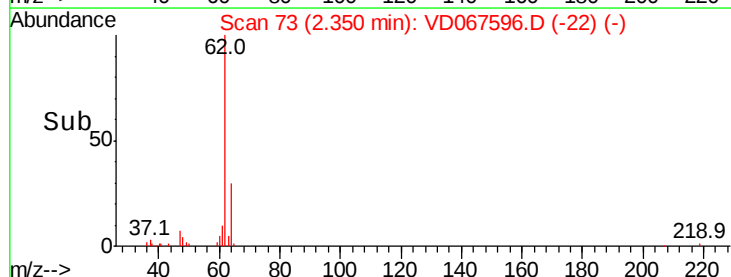
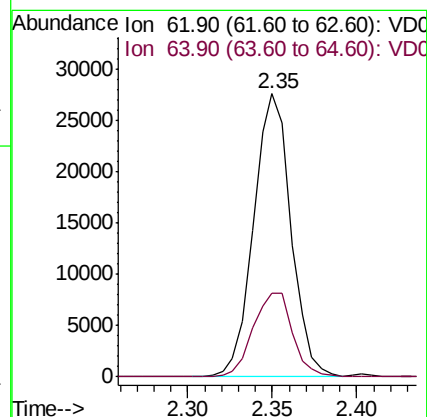
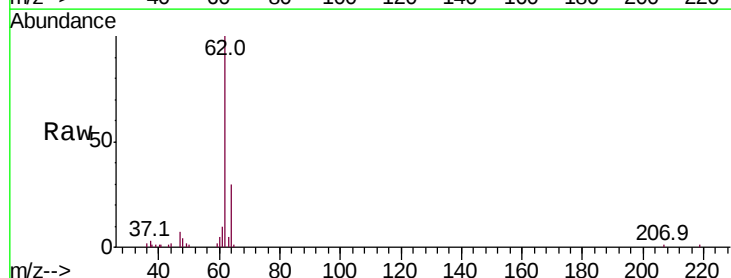
Acq: 11 Nov 2020 12:24

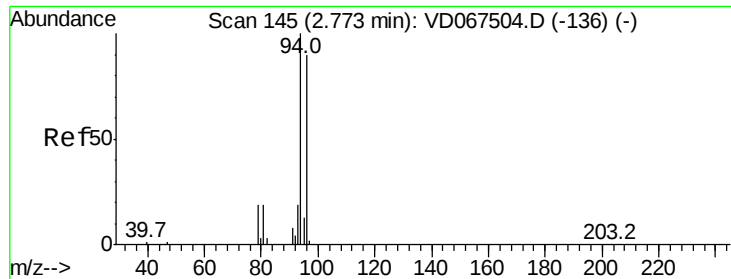
Tgt Ion: 62 Resp: 42484

Ion Ratio Lower Upper

62 100

64 29.7 25.6 38.4





#5

Bromomethane

Concen: 19.716 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

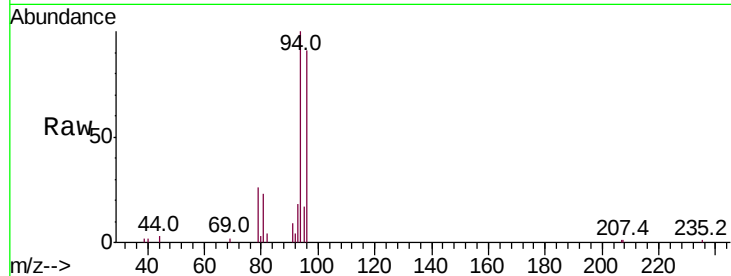
VD1111SBS01

Tot Ion: 94 Resp: 32864

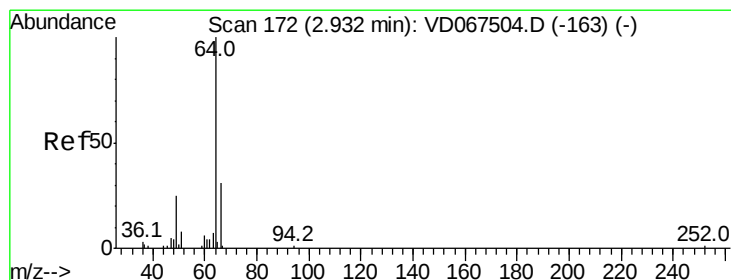
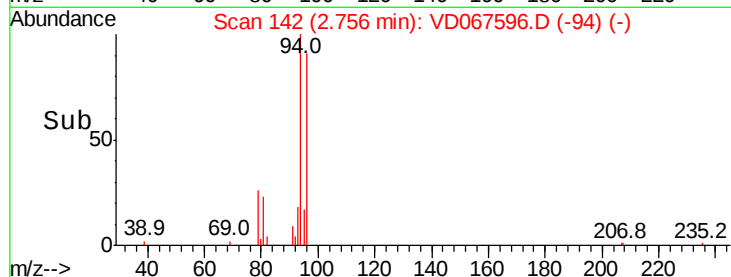
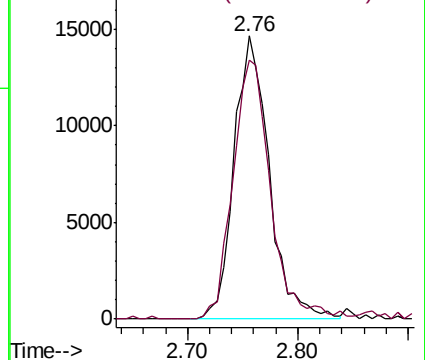
Ion Ratio Lower Upper

94 100

96 91.4 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: 21.311 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067596.D

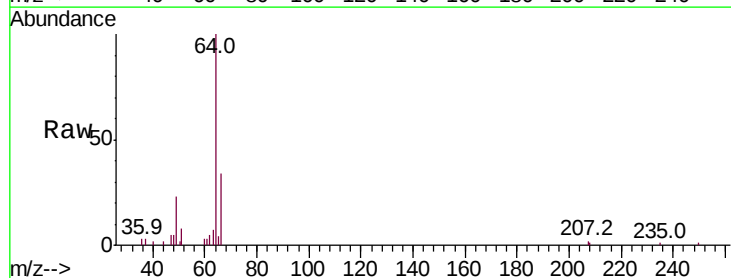
Acq: 11 Nov 2020 12:24

Tgt Ion: 64 Resp: 27020

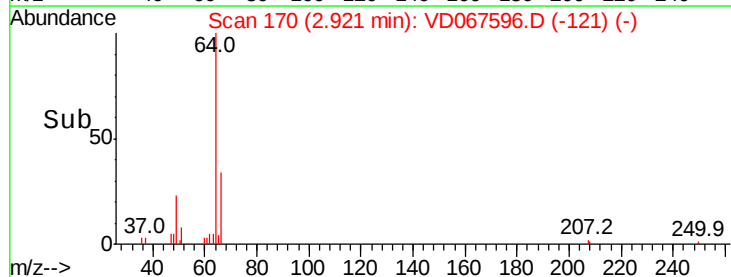
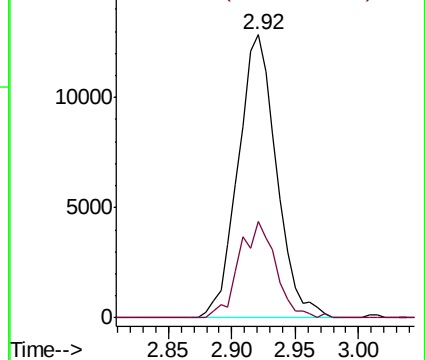
Ion Ratio Lower Upper

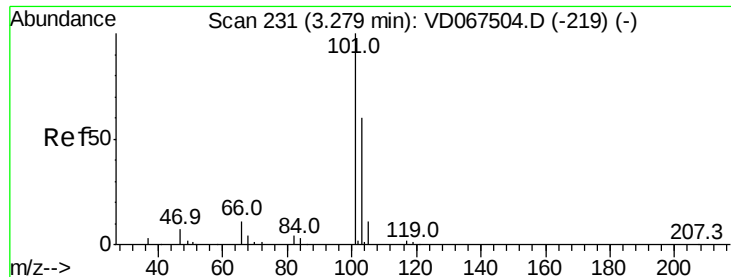
64 100

66 34.1 24.6 36.8



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



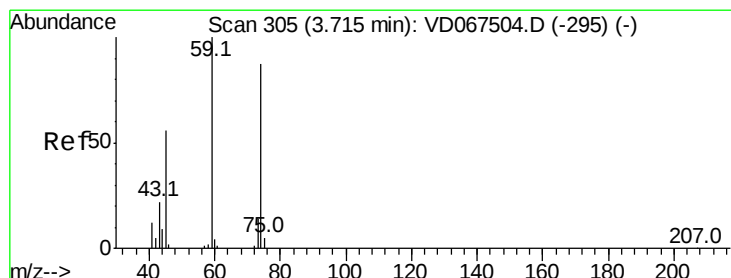
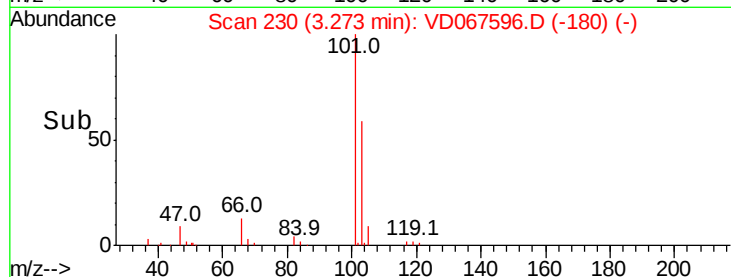
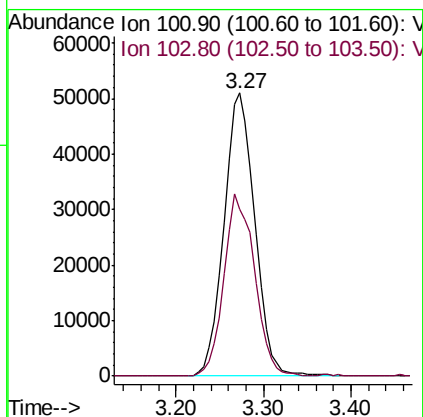
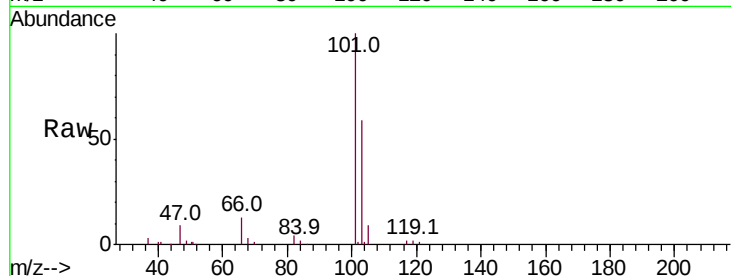


#7

Trichlorofluoromethane
 Concen: 22.998 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_D
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 VD1111SBS01

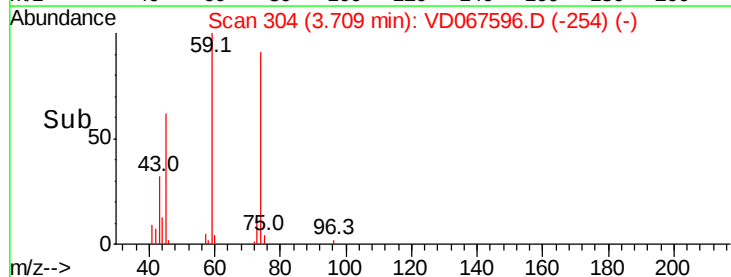
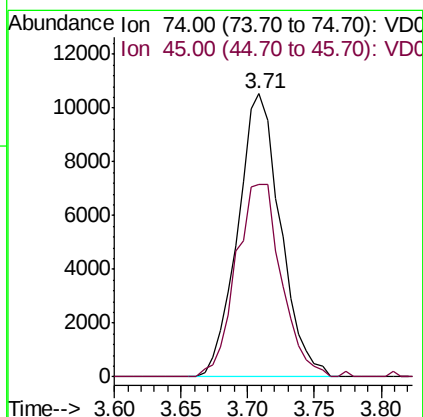
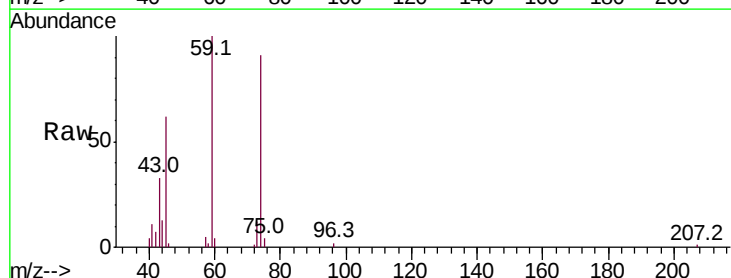
Tot Ion:101 Resp: 122463
 Ion Ratio Lower Upper
 101 100
 103 58.7 48.1 72.1

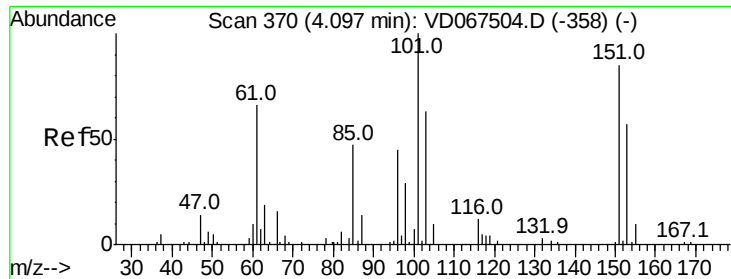


#8

Diethyl Ether
 Concen: 21.747 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 74 Resp: 23334
 Ion Ratio Lower Upper
 74 100
 45 72.6 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.063 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

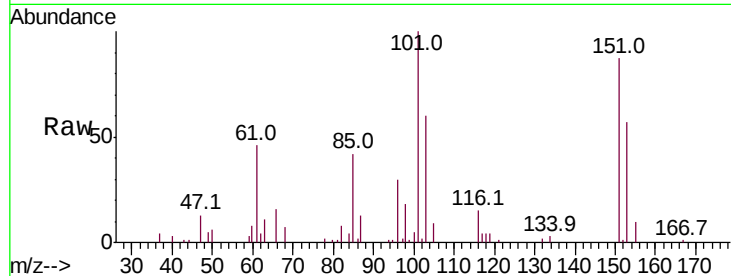
Tot Ion:101 Resp: 61992

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

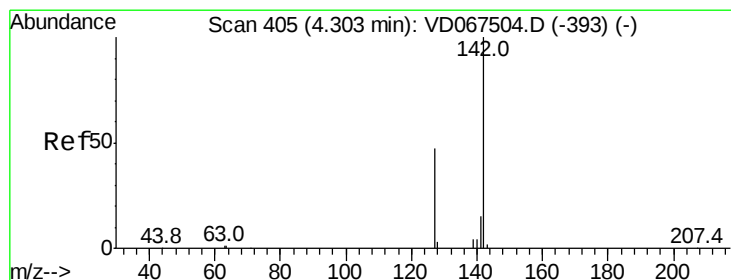
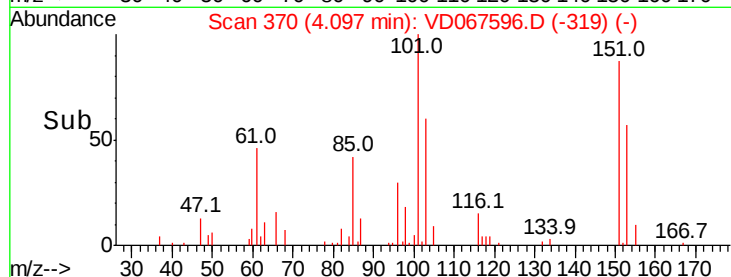
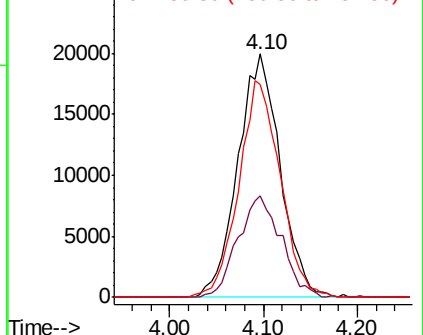
151 87.4 68.1 102.1



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: 20.815 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

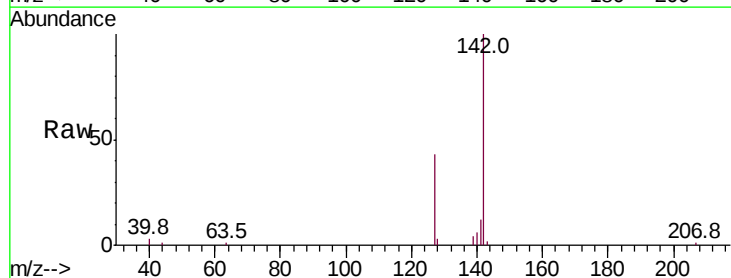
Tgt Ion:142 Resp: 59965

Ion Ratio Lower Upper

142 100

127 48.4 40.0 60.0

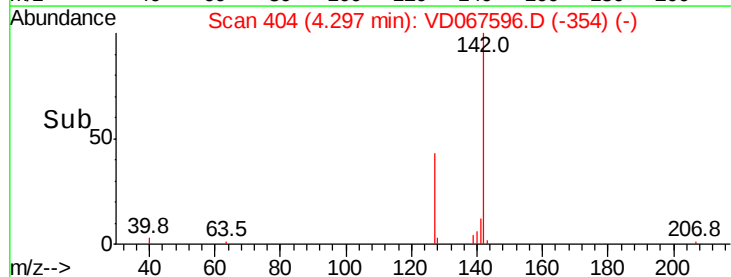
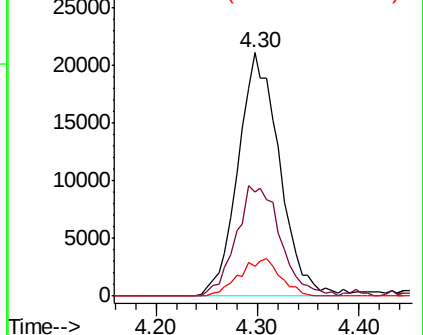
141 15.2 11.7 17.5

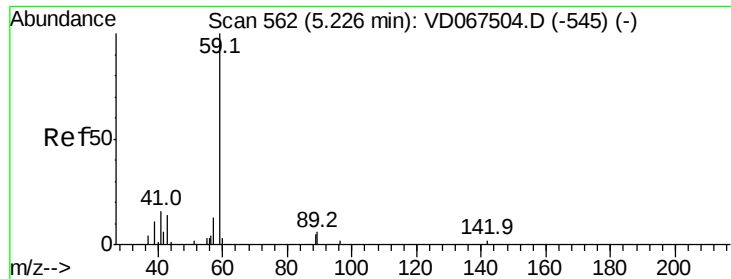


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



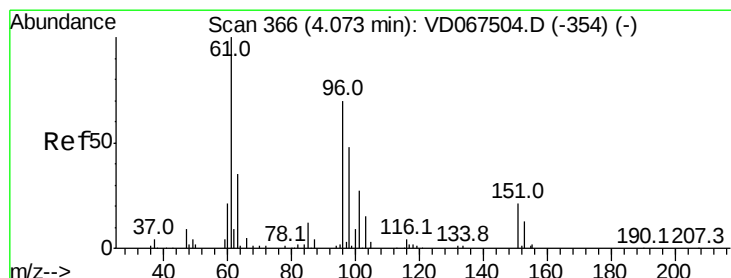
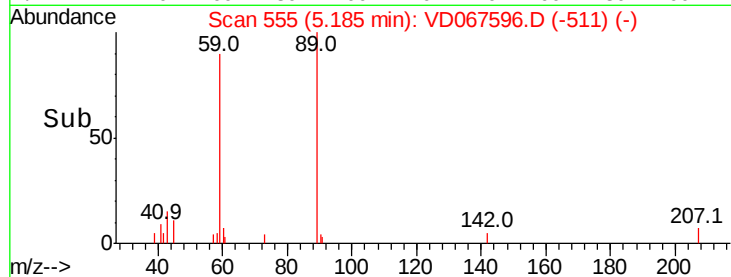
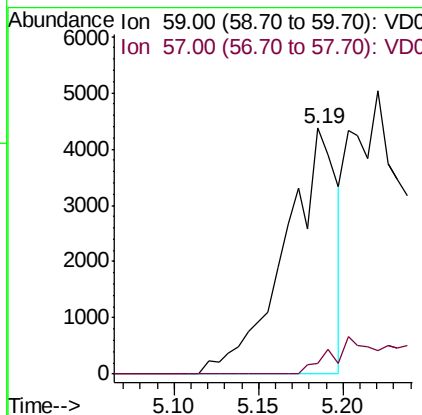
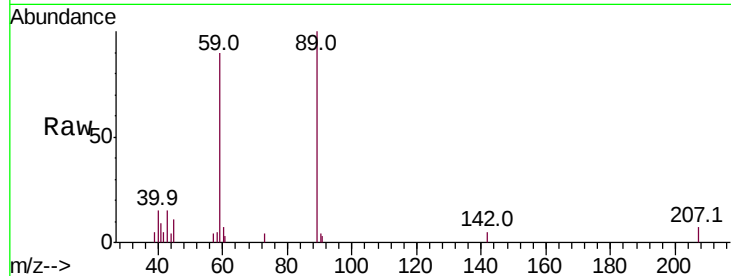


#11

Tert butyl alcohol
Concen: 68.045 ug/l
RT: 5.19 min Scan# 555
Delta R.T. -0.04 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

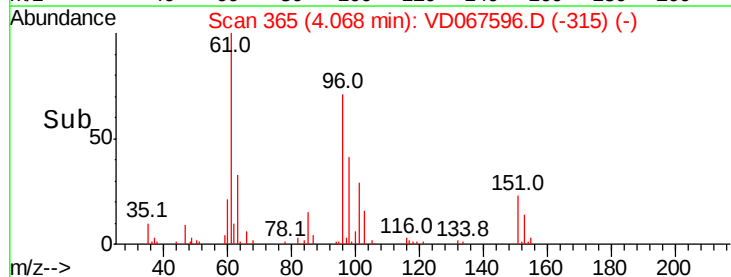
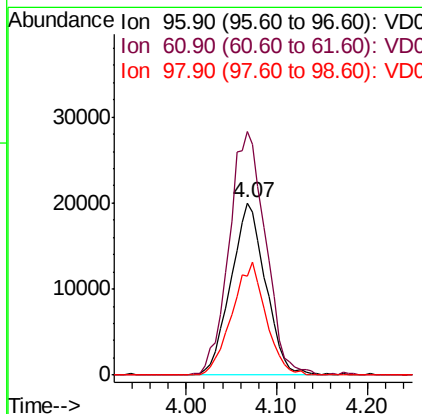
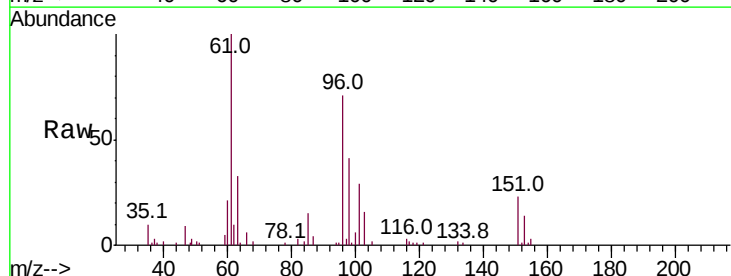
Tot Ion: 59 Resp: 9236
Ion Ratio Lower Upper
59 100
57 11.8 5.9 8.9#

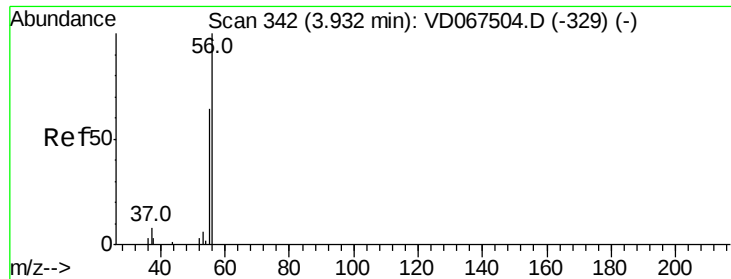


#12

1,1-Dichloroethene
Concen: 21.540 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 96 Resp: 53256
Ion Ratio Lower Upper
96 100
61 141.2 114.5 171.7
98 57.5 54.5 81.7





#13

Acrolein

Concen: 72.404 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

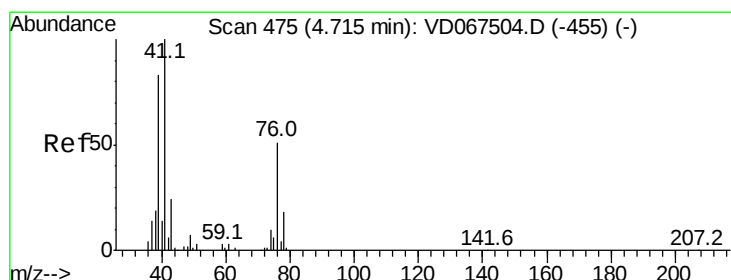
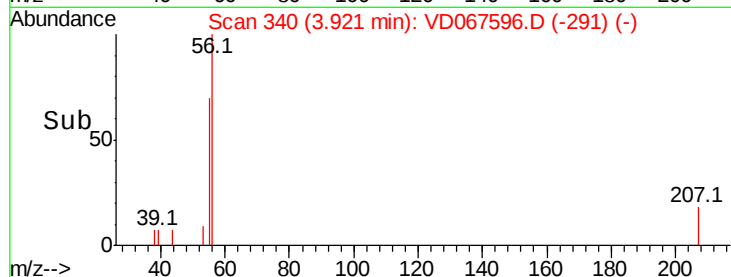
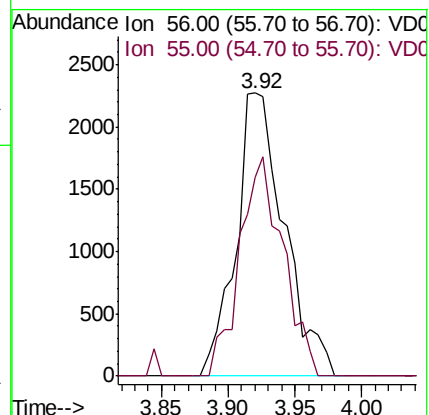
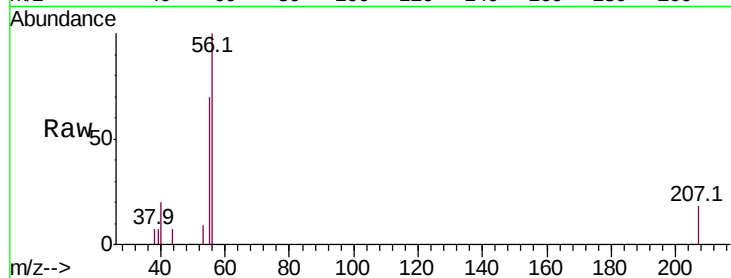
VD1111SBS01

Tot Ion: 56 Resp: 5712

Ion Ratio Lower Upper

56 100

55 69.5 55.8 83.8



#14

Allyl chloride

Concen: 21.590 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

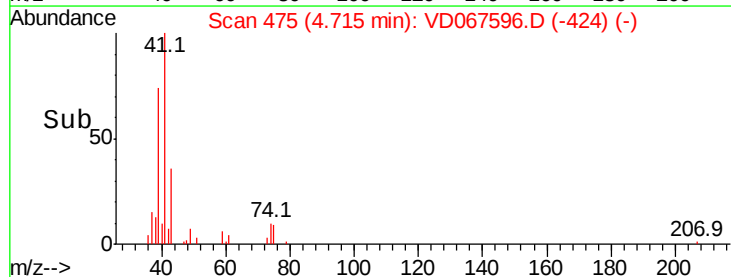
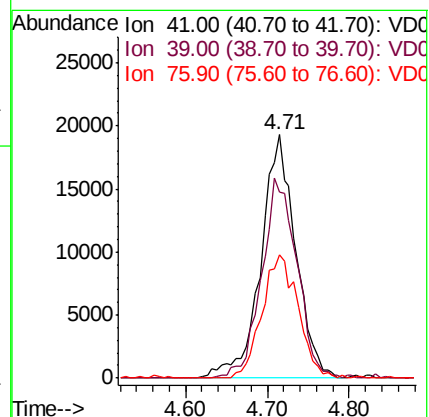
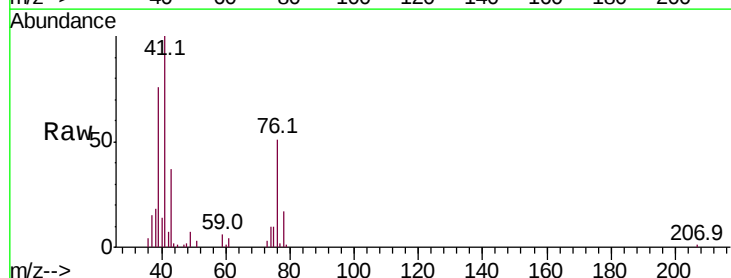
Tgt Ion: 41 Resp: 57129

Ion Ratio Lower Upper

41 100

39 83.0 67.4 101.0

76 52.4 42.2 63.2





#15

Acrylonitrile

Concen: 113.090 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

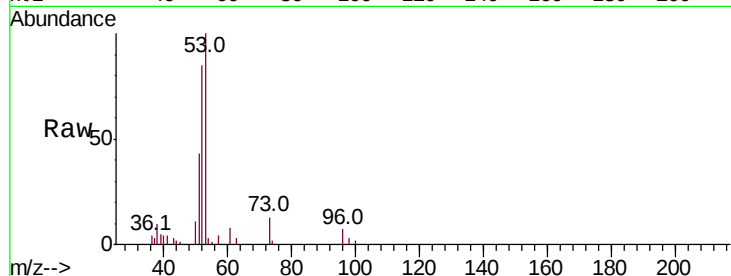
MSVOA_D

ClientSampleId :

VD1111SBS01

Tot Ion: 53 Resp: 44855

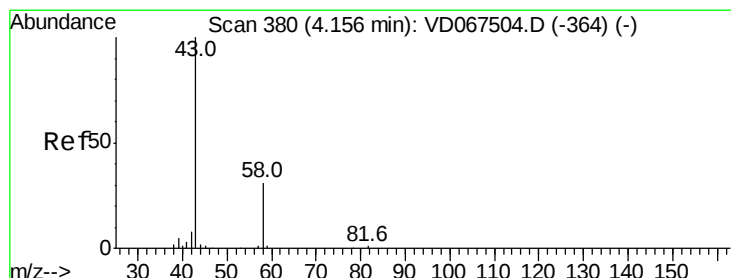
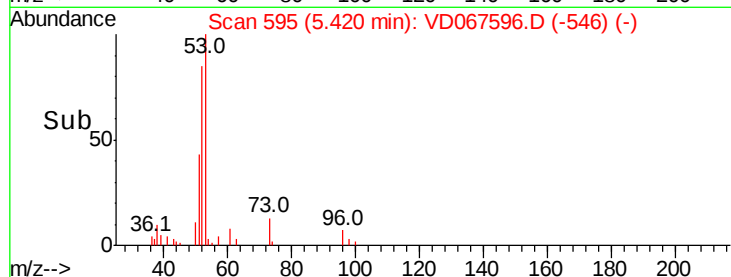
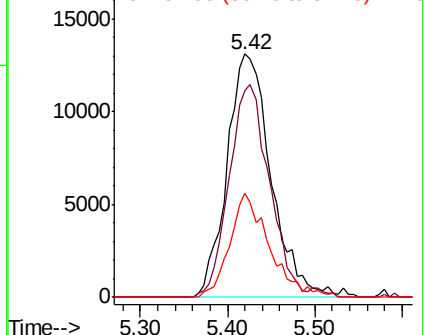
Ion	Ratio	Lower	Upper
53	100		
52	79.8	64.8	97.2
51	38.6	29.5	44.3



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: 106.710 ug/l

RT: 4.15 min Scan# 379

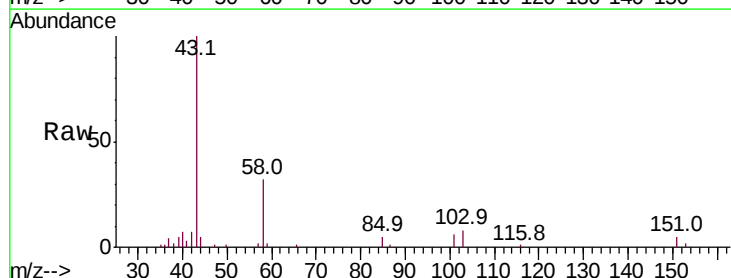
Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

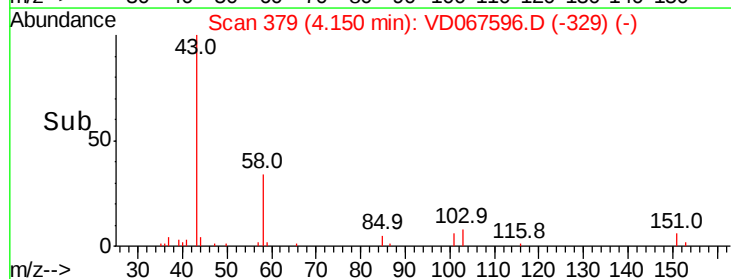
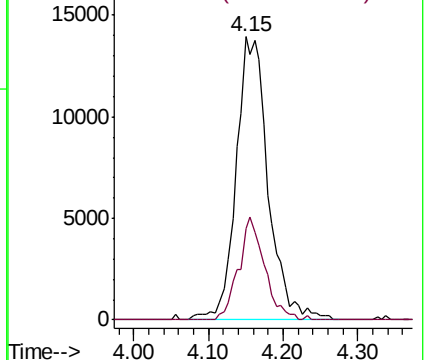
Tgt Ion: 43 Resp: 41360

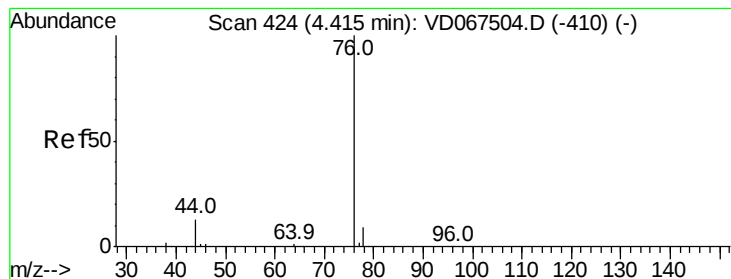
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.2	37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 20.992 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

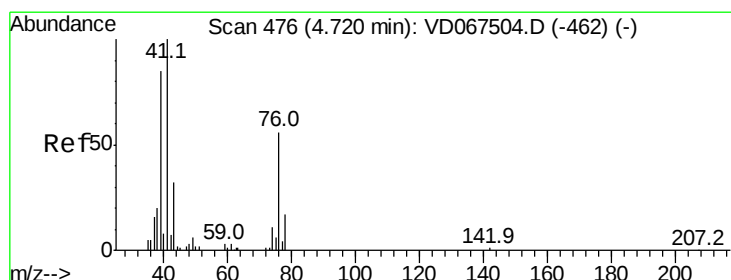
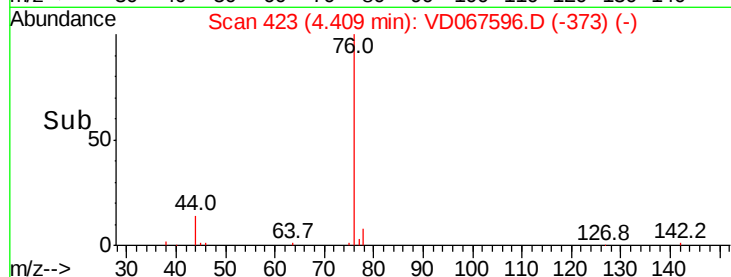
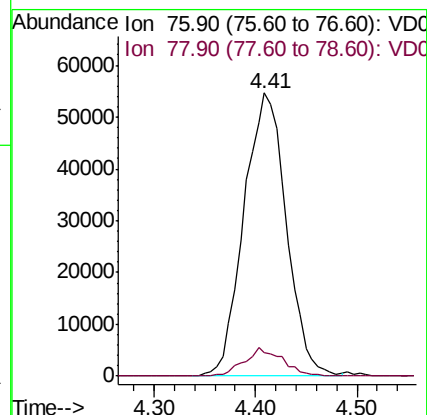
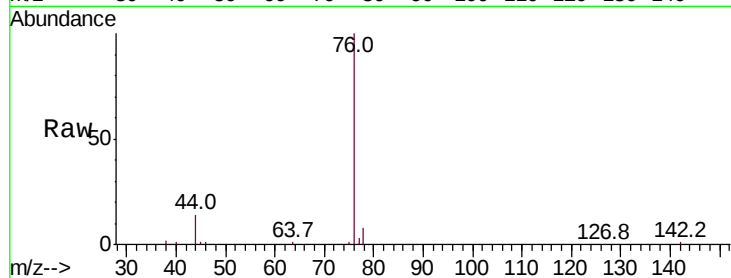
VD1111SBS01

Tot Ion: 76 Resp: 159033

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8



#18

Methyl Acetate

Concen: 24.078 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067596.D

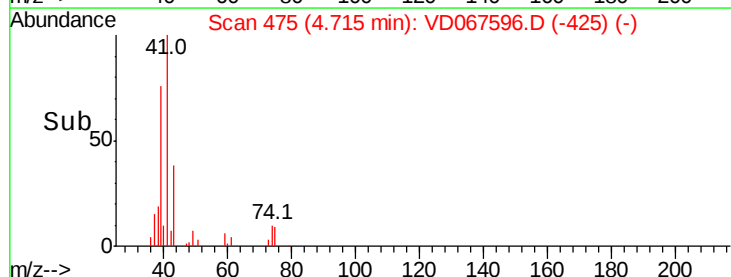
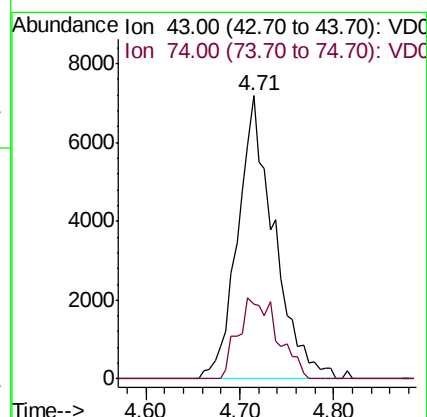
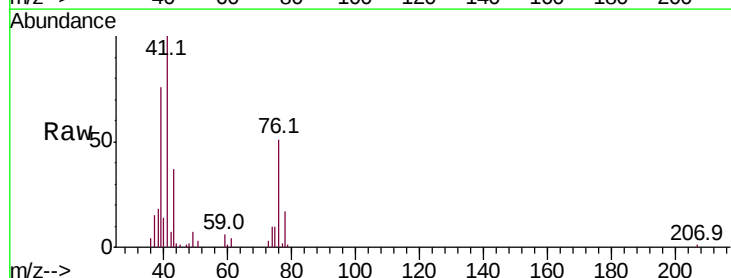
Acq: 11 Nov 2020 12:24

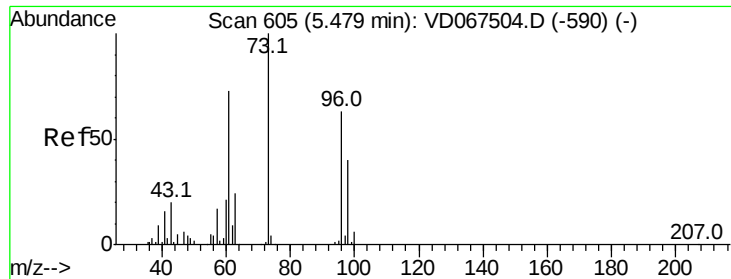
Tgt Ion: 43 Resp: 19285

Ion Ratio Lower Upper

43 100

74 30.9 27.2 40.8

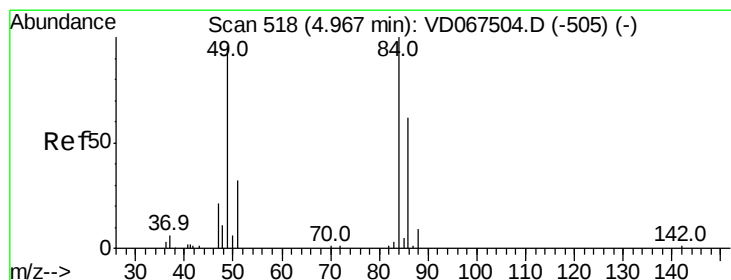
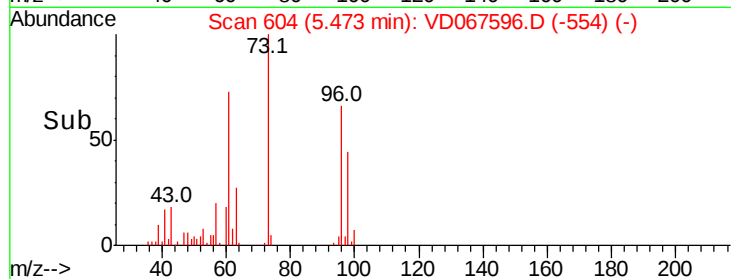
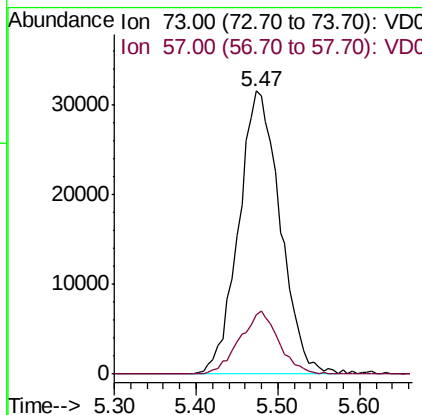
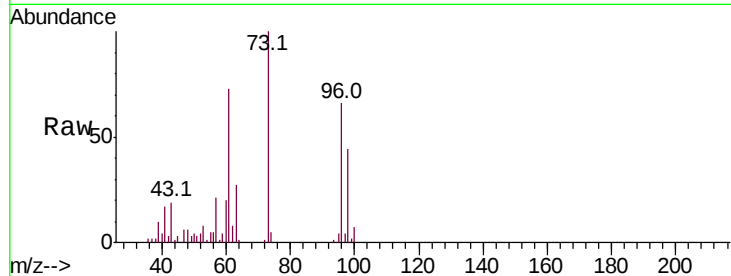




#19
Methyl tert-butyl Ether
Concen: 22.877 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

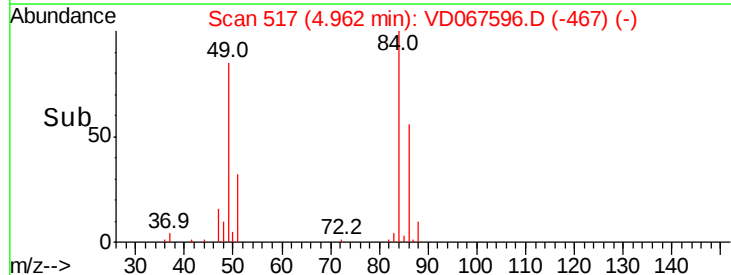
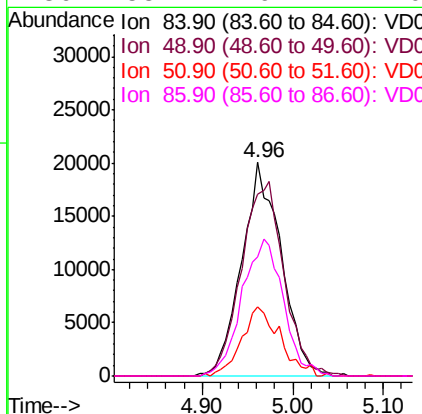
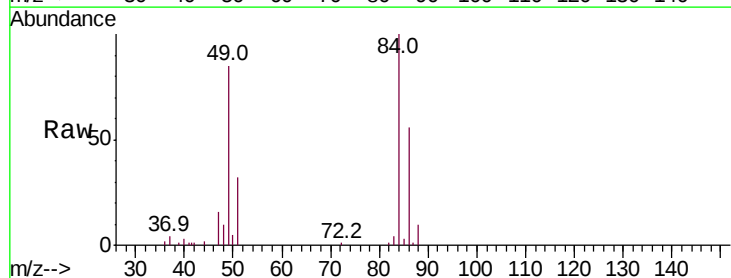
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

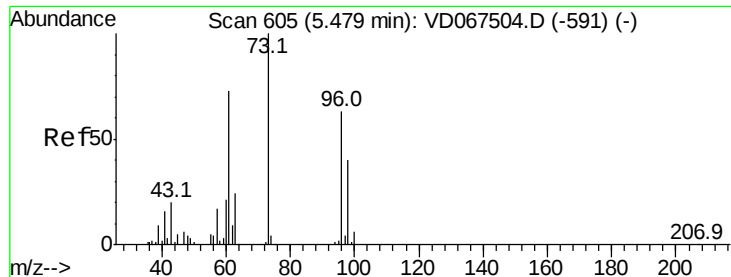
Tot Ion: 73 Resp: 111567
Ion Ratio Lower Upper
73 100
57 21.0 13.4 20.0#



#20
Methylene Chloride
Concen: 22.130 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 84 Resp: 60590
Ion Ratio Lower Upper
84 100
49 85.2 77.0 115.4
51 32.3 25.4 38.2
86 55.7 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 21.415 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

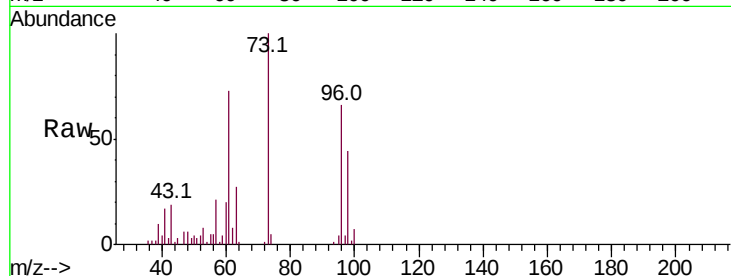
Tot Ion: 96 Resp: 61667

Ion Ratio Lower Upper

96 100

61 111.7 93.0 139.6

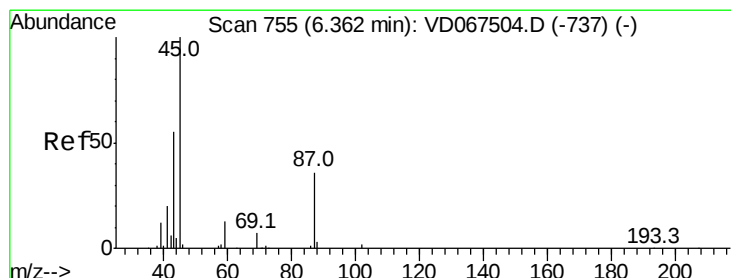
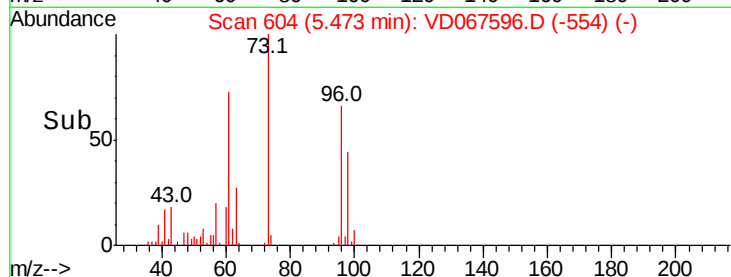
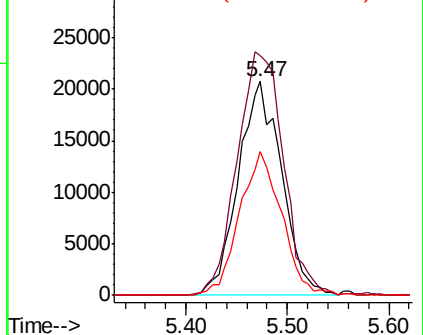
98 67.1 50.9 76.3



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: 22.559 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Tgt Ion: 45 Resp: 116325

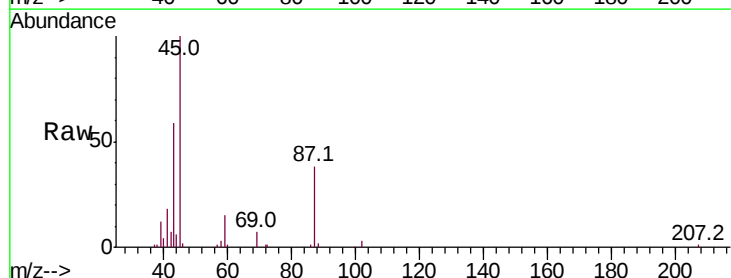
Ion Ratio Lower Upper

45 100

43 57.6 46.2 69.4

87 38.0 29.4 44.2

59 14.7 10.8 16.2

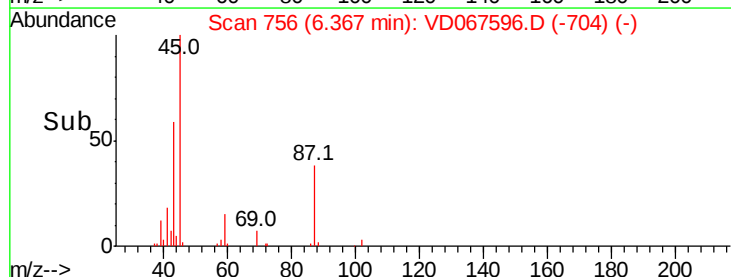
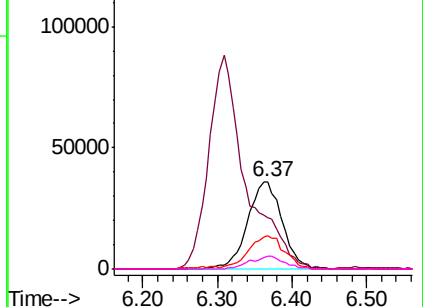


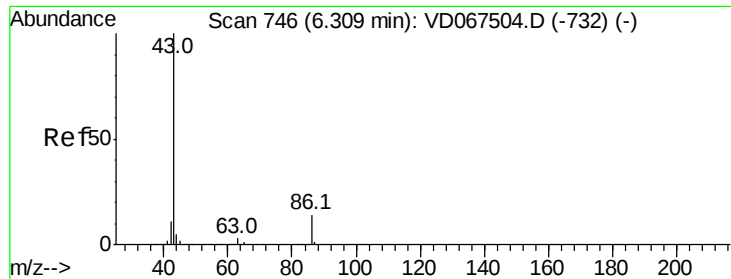
Abundance Ion 45.00 (44.70 to 45.70): VDC

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

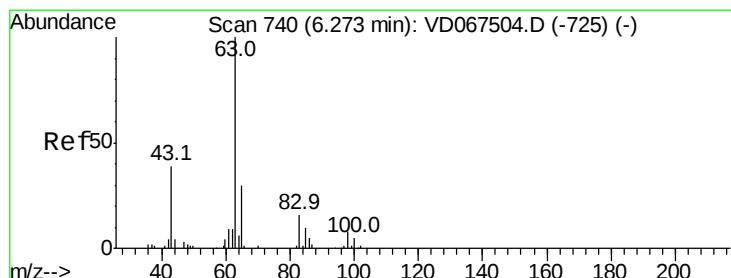
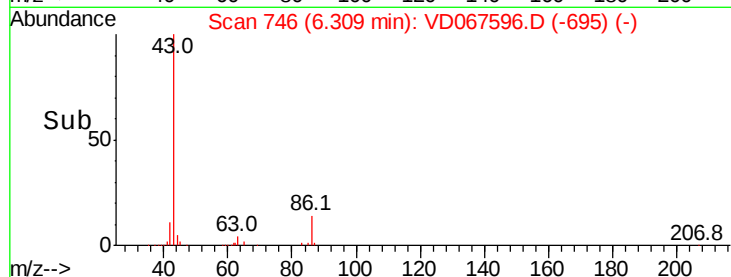
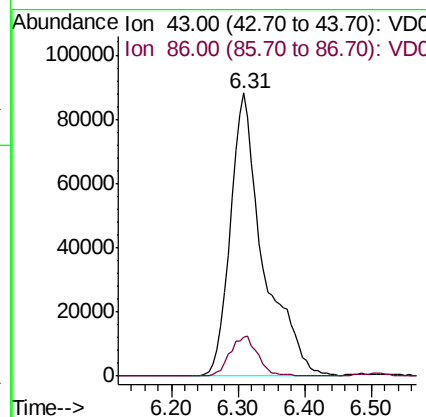
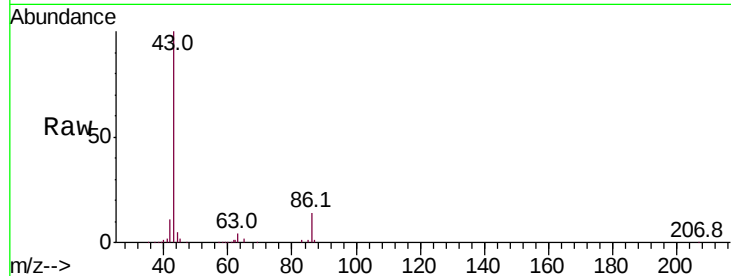




#23
 Vinyl Acetate
 Concen: 113.113 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

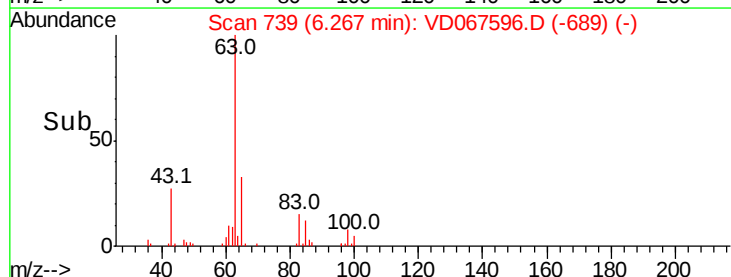
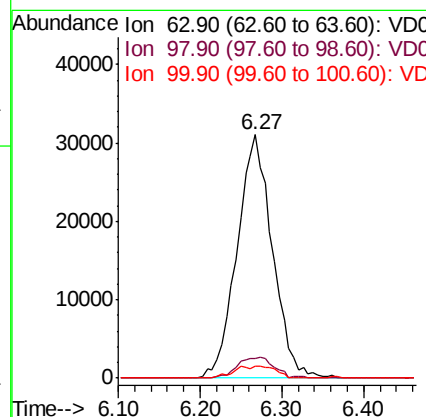
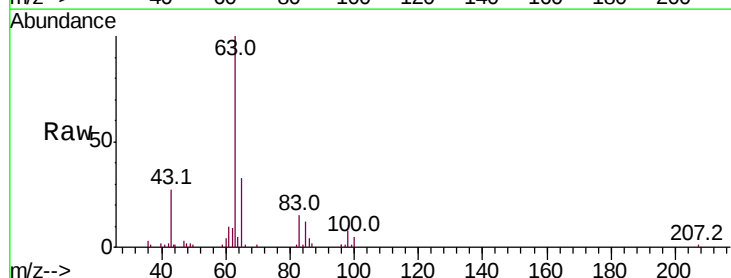
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

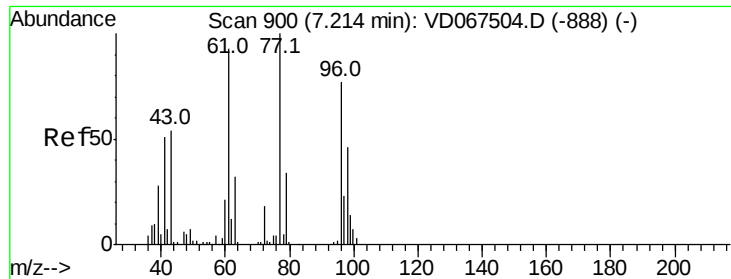
Tot Ion: 43 Resp: 305309
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.6 17.4



#24
 1,1-Dichloroethane
 Concen: 22.089 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 63 Resp: 93182
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.5
 100 5.1 2.6 7.8





#25

2-Butanone

Concen: 112.175 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

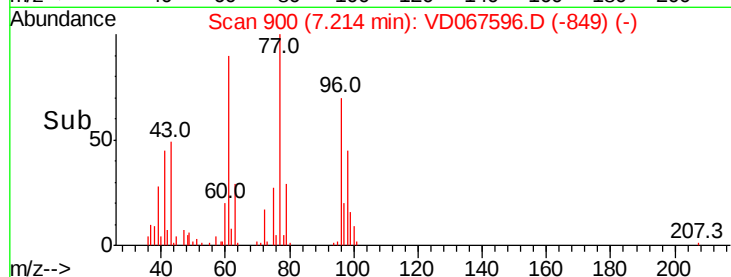
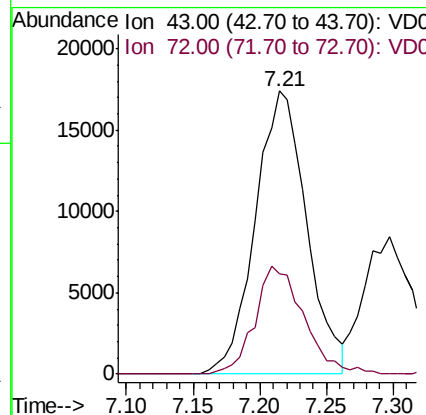
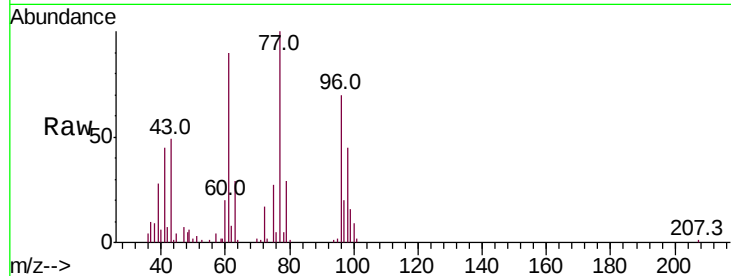
VD1111SBS01

Tot Ion: 43 Resp: 46458

Ion Ratio Lower Upper

43 100

72 35.3 26.4 39.6



#26

2,2-Dichloropropane

Concen: 22.967 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067596.D

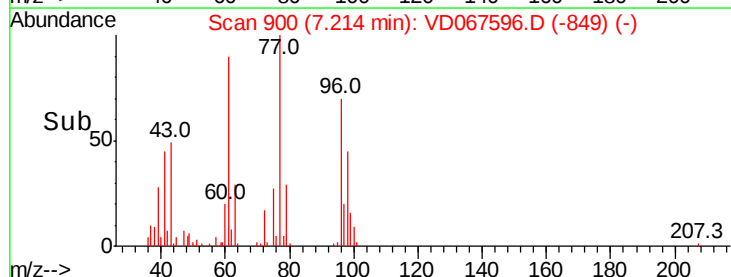
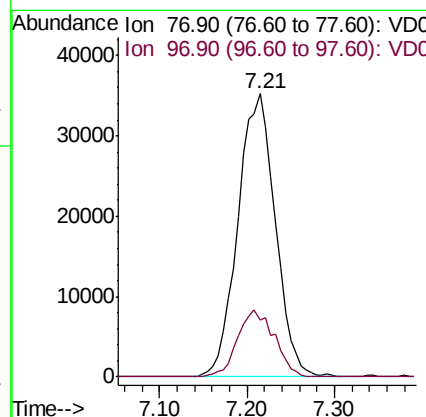
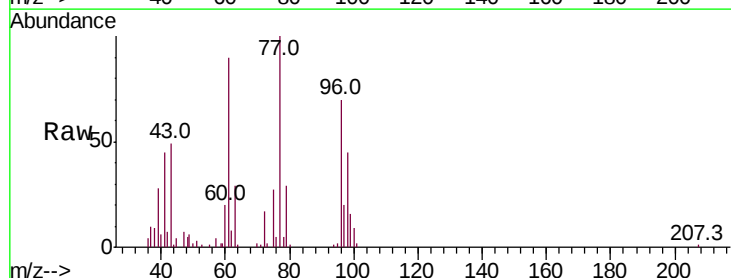
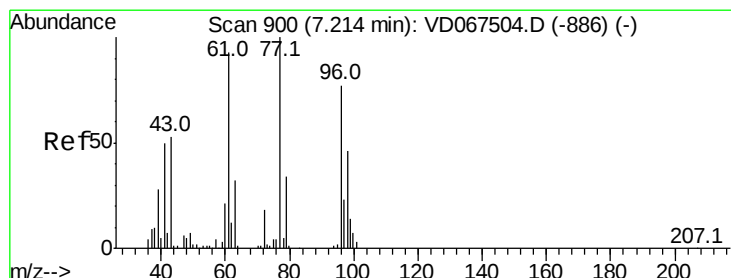
Acq: 11 Nov 2020 12:24

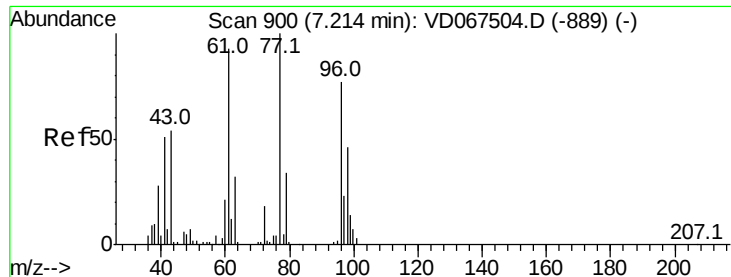
Tgt Ion: 77 Resp: 102251

Ion Ratio Lower Upper

77 100

97 23.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 21.844 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

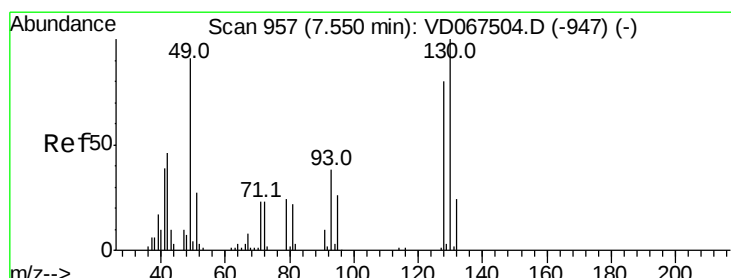
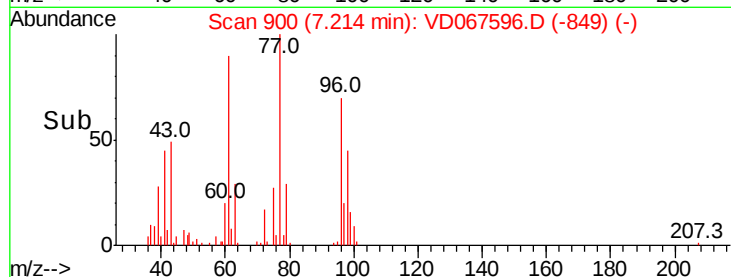
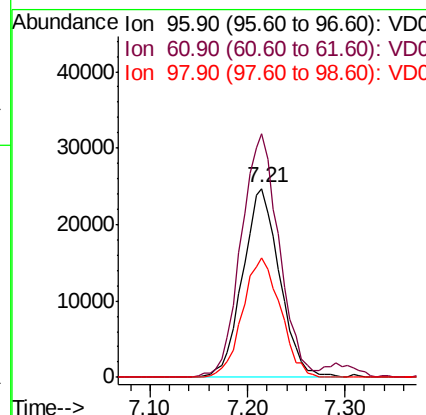
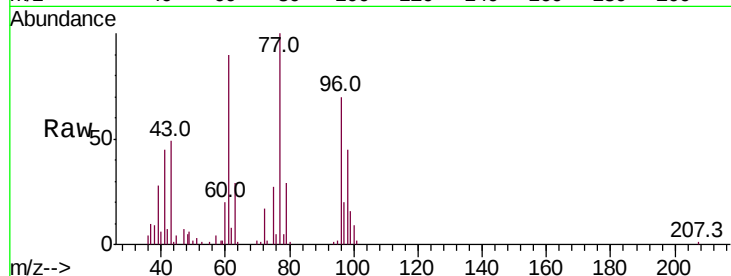
Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion: 96 Resp: 65291

Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	251.6
98	65.0	0.0	128.0



#28

Bromochloromethane

Concen: 18.800 ug/l

RT: 7.55 min Scan# 957

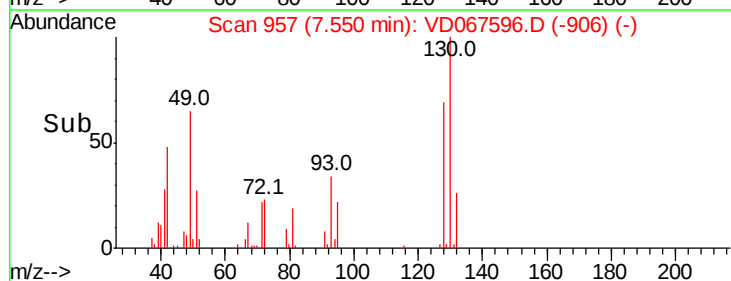
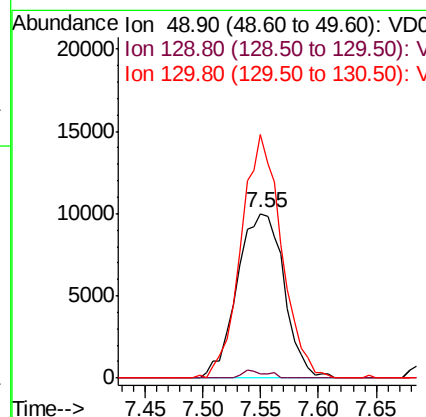
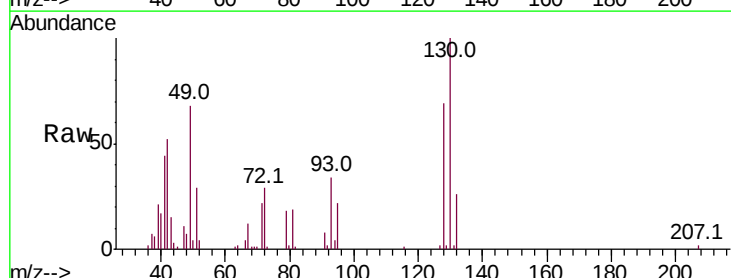
Delta R.T. 0.00 min

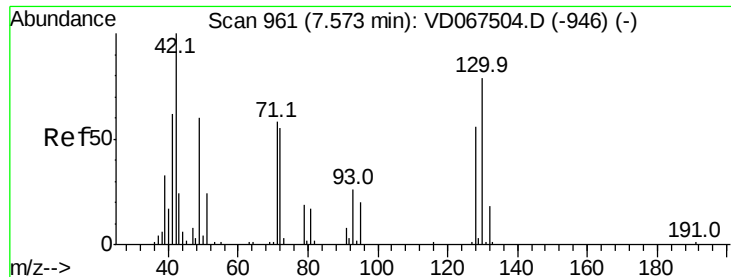
Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Tgt Ion: 49 Resp: 28210

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	6.4
130	127.7	94.6	142.0





#29

Tetrahydrofuran

Concen: 114.604 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

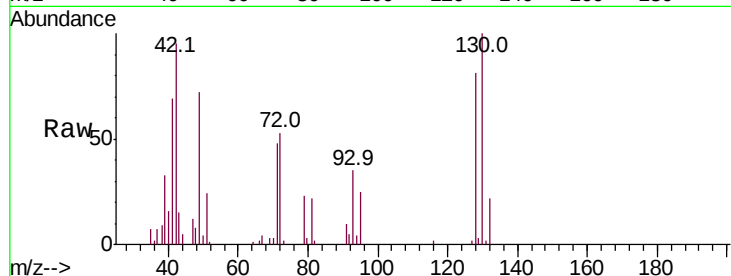
Tot Ion: 42 Resp: 28431

Ion Ratio Lower Upper

42 100

72 60.5 46.3 69.5

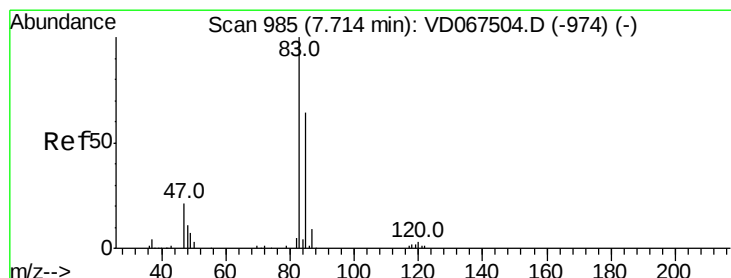
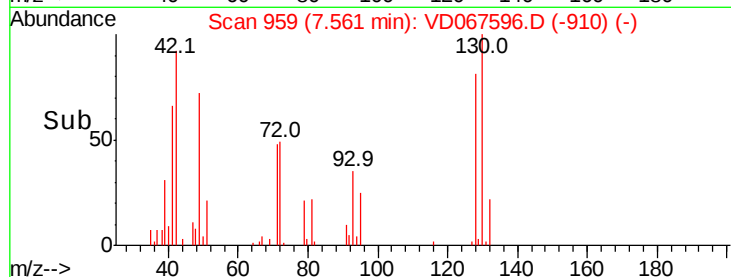
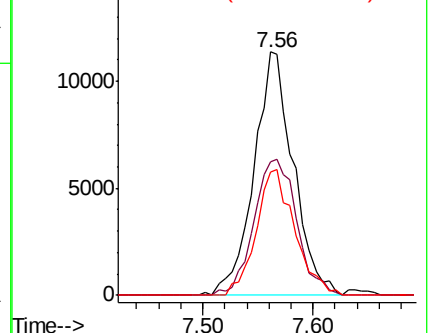
71 50.5 44.0 66.0



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: 21.898 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067596.D

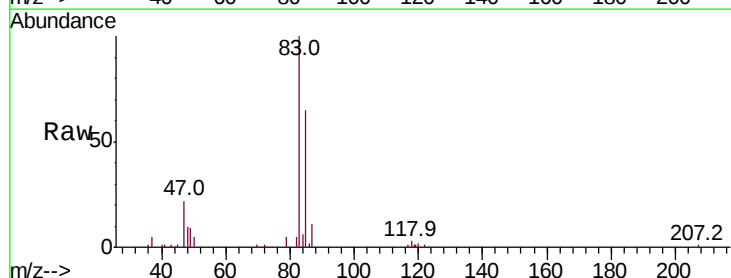
Acq: 11 Nov 2020 12:24

Tgt Ion: 83 Resp: 110203

Ion Ratio Lower Upper

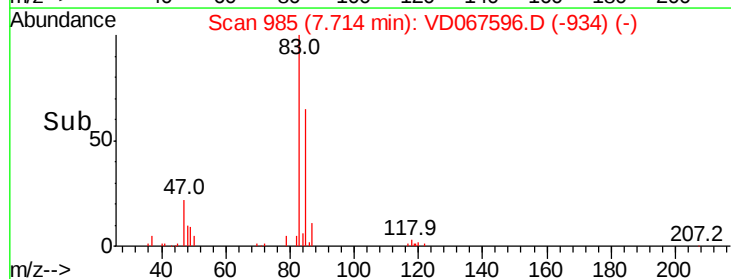
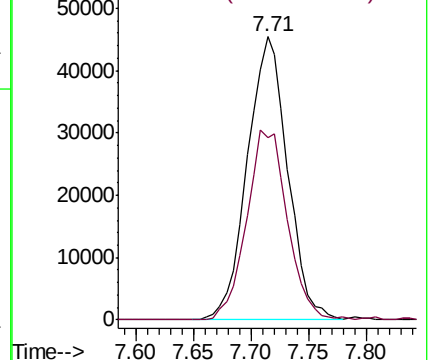
83 100

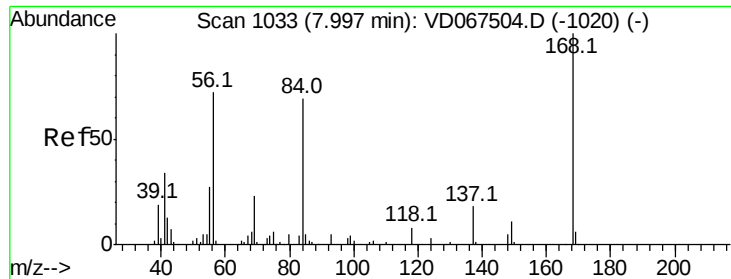
85 64.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

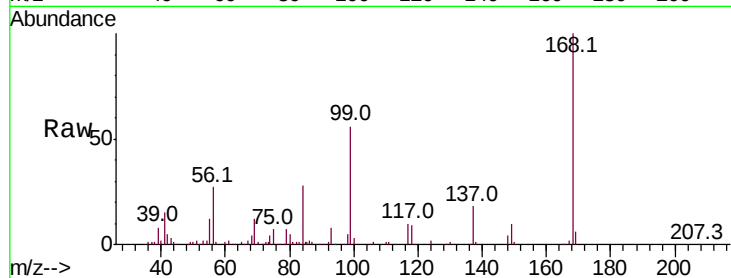




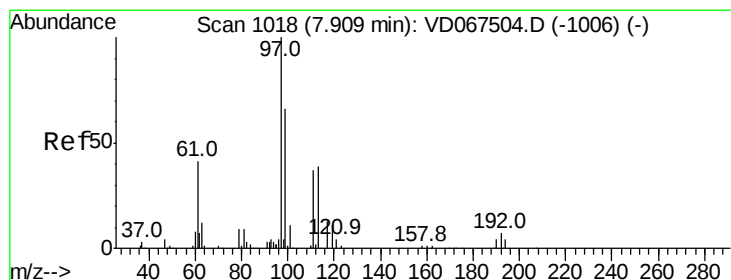
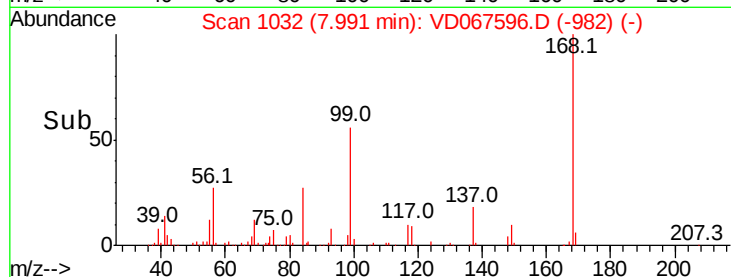
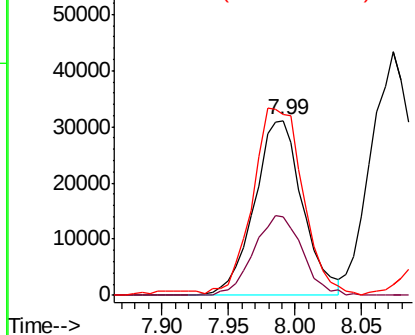
#31
Cyclohexane
Concen: 20.783 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion: 56 Resp: 78073
Ion Ratio Lower Upper
56 100
69 45.2 25.9 38.9#
84 100.9 76.2 114.4

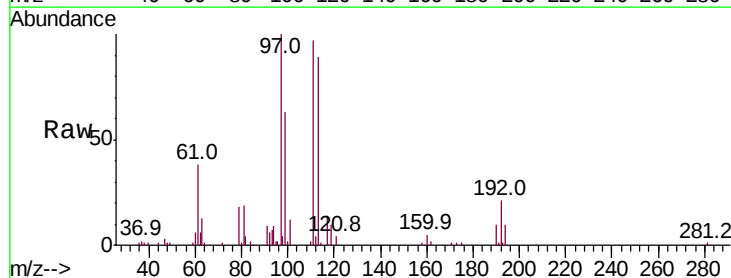


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

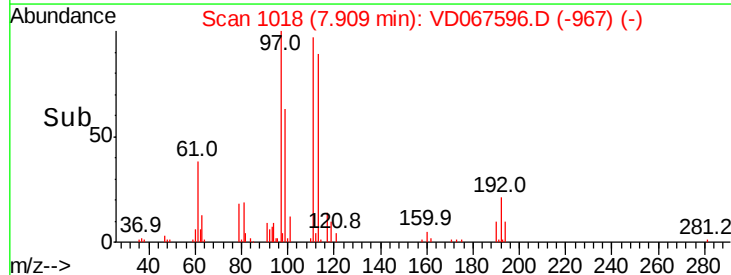
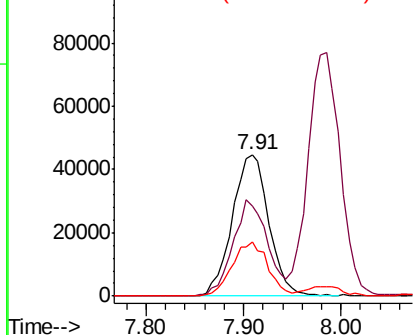


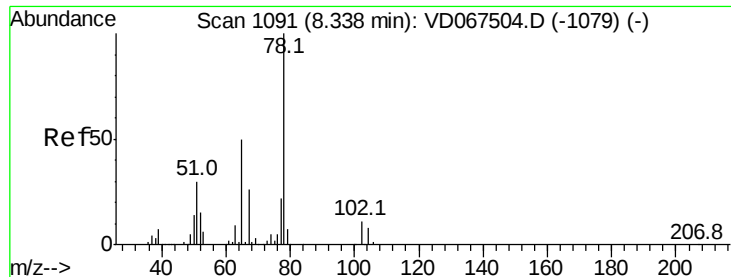
#32
1,1,1-Trichloroethane
Concen: 22.332 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 97 Resp: 115958
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 37.4 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: 47.991 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

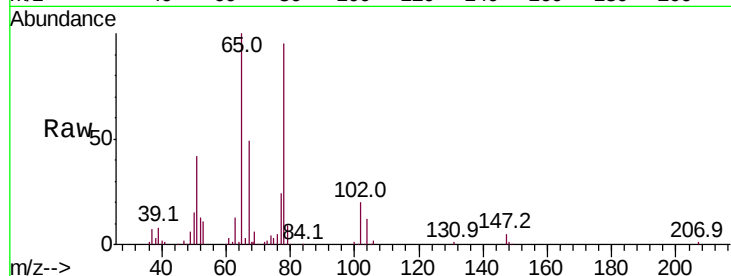
VD1111SBS01

Tot Ion: 65 Resp: 124301

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

50000

40000

30000

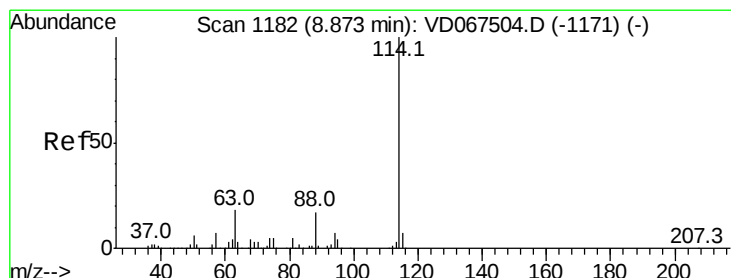
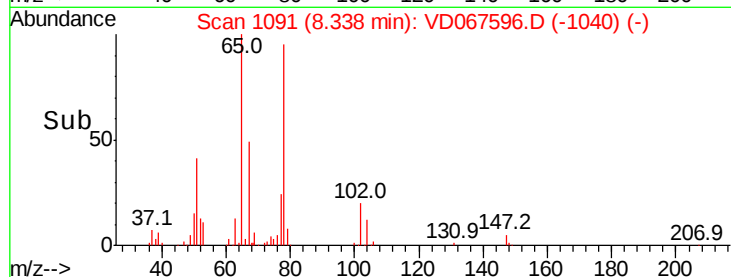
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

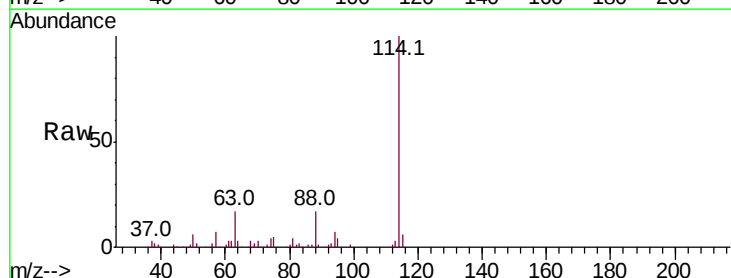
Tgt Ion: 114 Resp: 438762

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 16.6 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

300000

250000

200000

150000

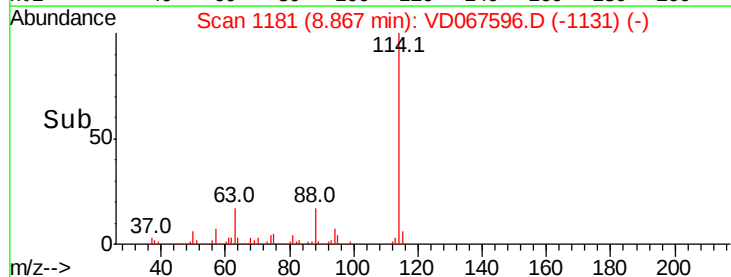
100000

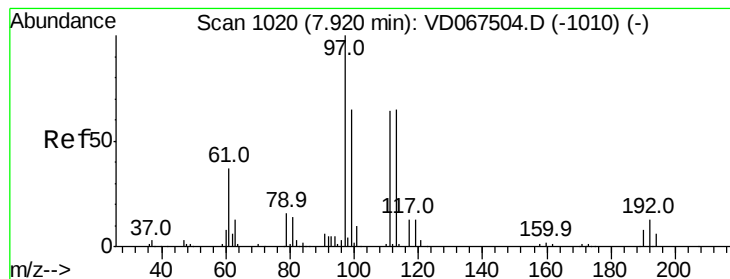
50000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 48.500 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

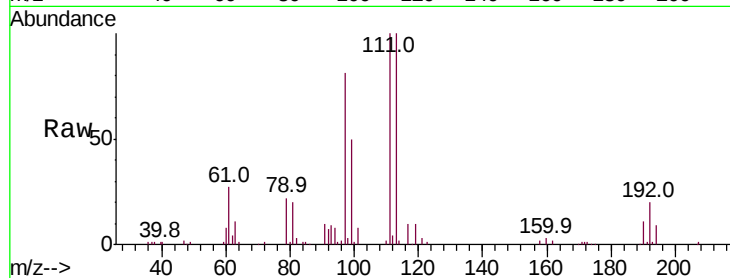
Tot Ion:113 Resp: 128212

Ion Ratio Lower Upper

113 100

111 103.0 80.0 120.0

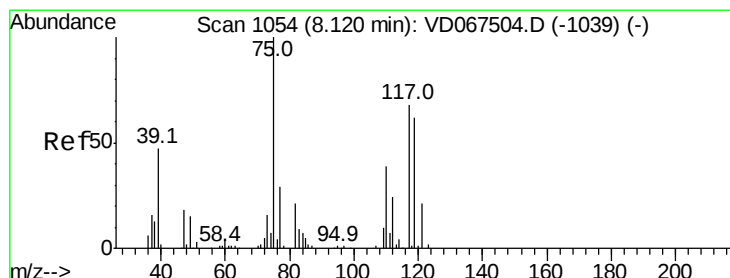
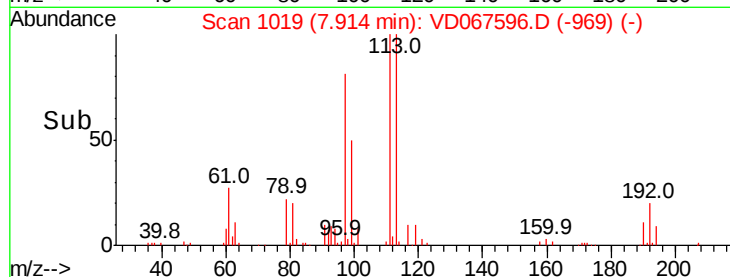
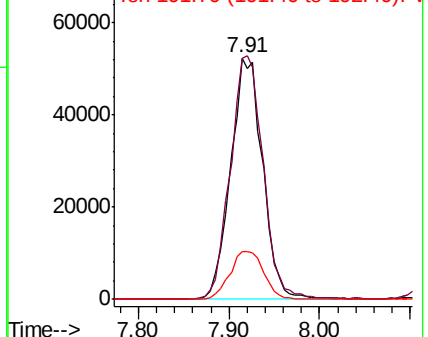
192 21.0 16.3 24.5



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: 21.917 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

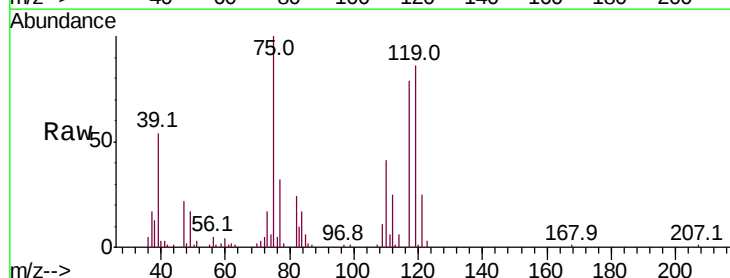
Tgt Ion: 75 Resp: 82314

Ion Ratio Lower Upper

75 100

110 40.6 19.9 59.7

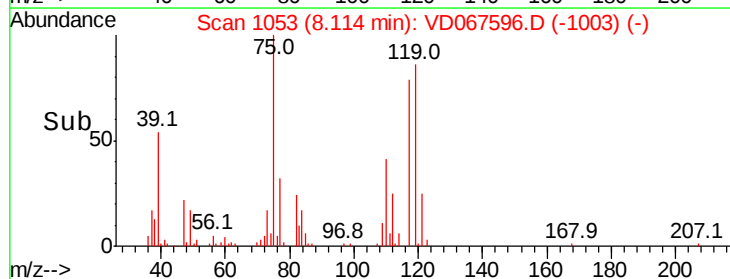
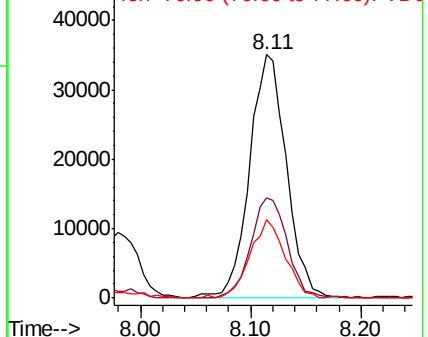
77 30.8 24.8 37.2

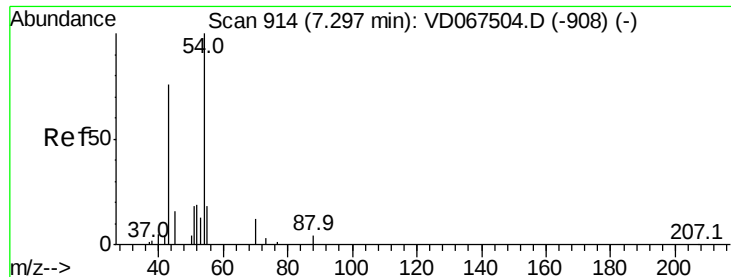


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

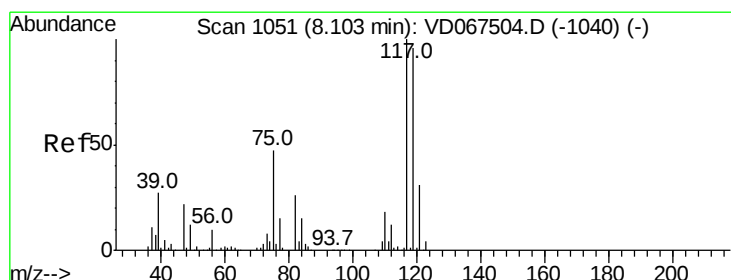
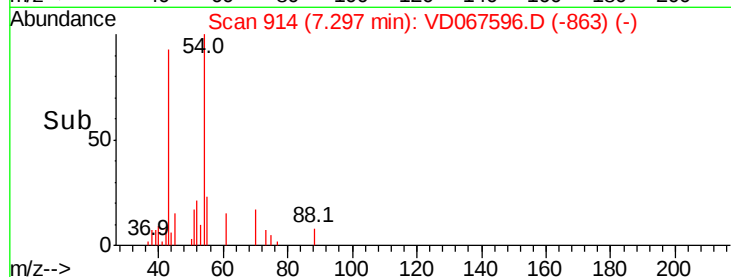
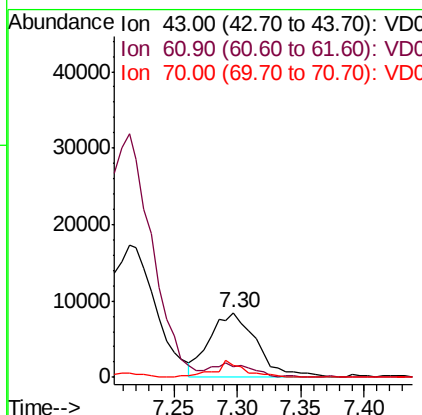
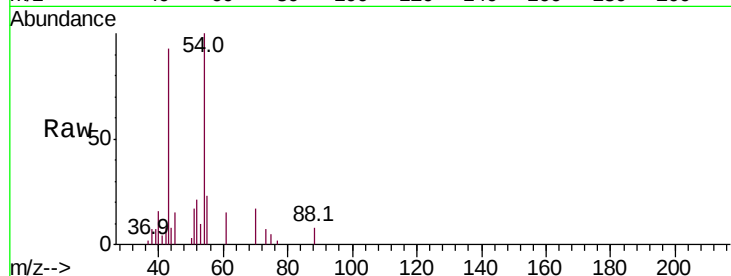




#37
Ethyl Acetate
Concen: 22.514 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

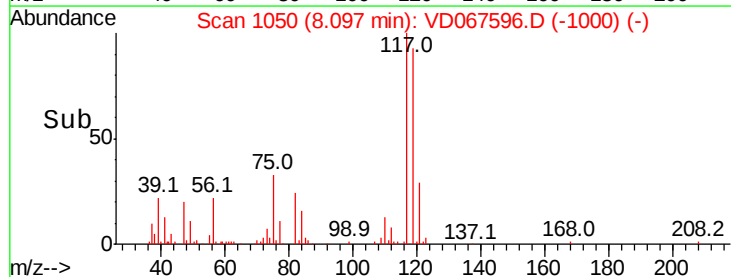
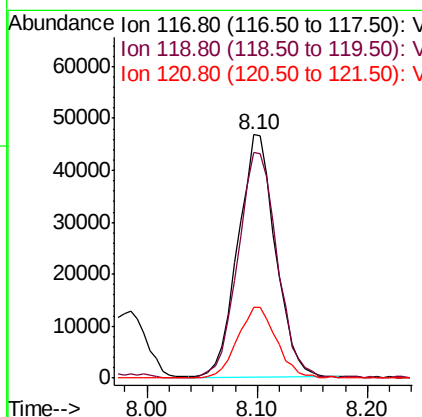
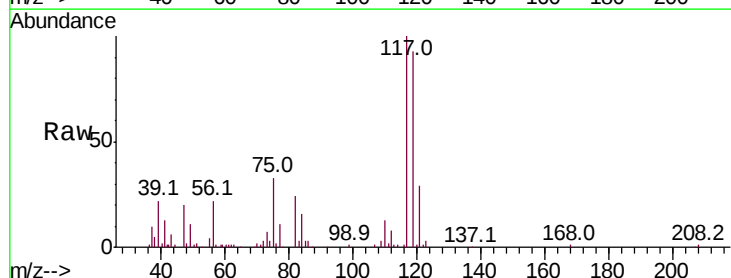
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

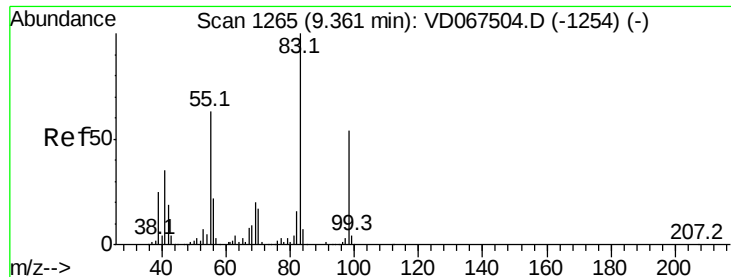
Tot Ion: 43 Resp: 21952
Ion Ratio Lower Upper
43 100
61 17.2 12.8 19.2
70 16.5 11.7 17.5



#38
Carbon Tetrachloride
Concen: 22.767 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 117 Resp: 111097
Ion Ratio Lower Upper
117 100
119 93.2 76.9 115.3
121 29.3 24.5 36.7

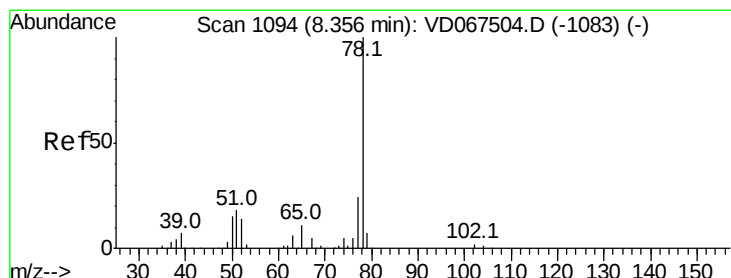
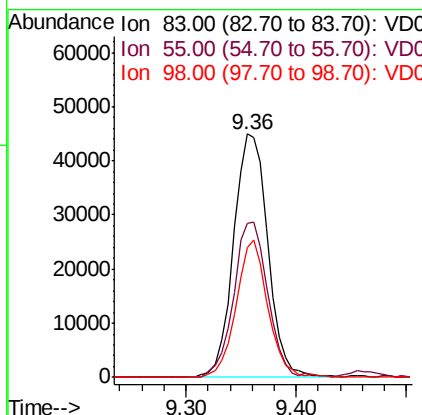
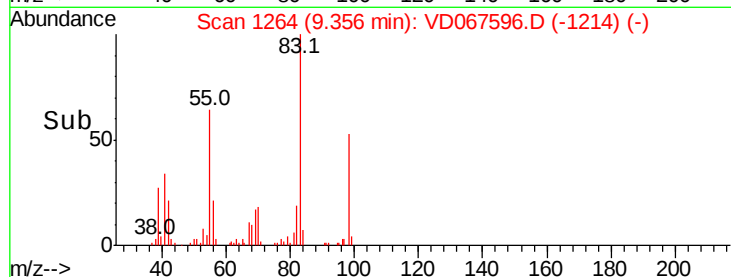
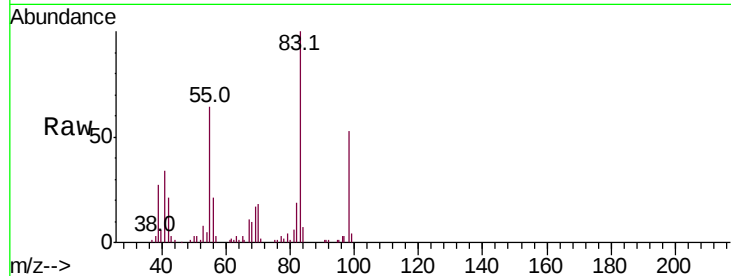




#39
Methylcyclohexane
Concen: 22.178 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

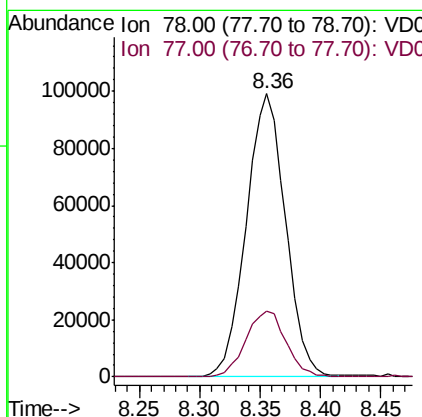
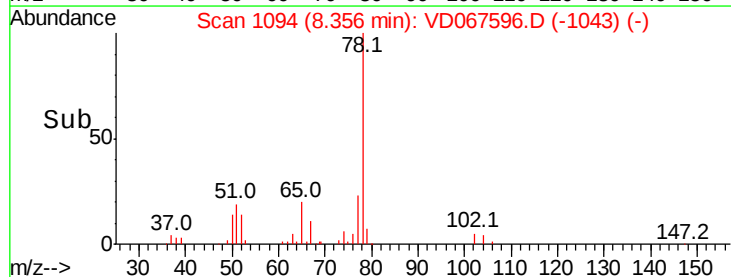
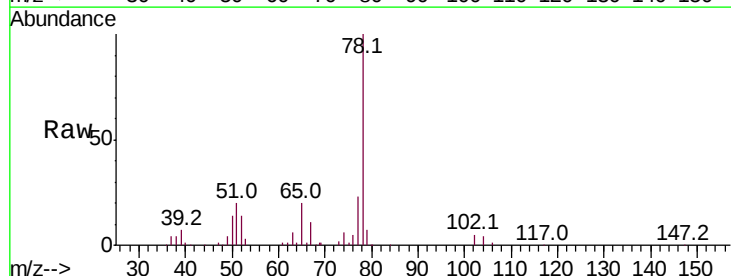
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

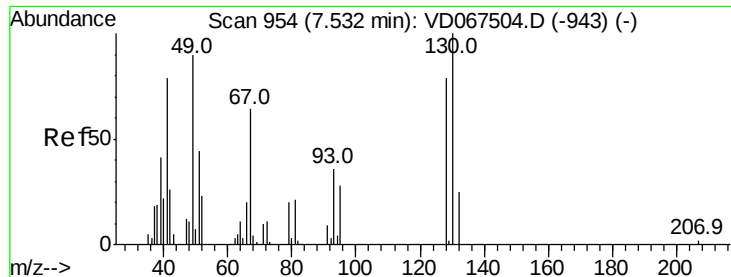
Tot Ion	83	Resp	98036
Ion	Ratio	Lower	Upper
83	100		
55	63.5	50.5	75.7
98	53.5	43.4	65.0



#40
Benzene
Concen: 22.072 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion	78	Resp	224544
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.1	28.7

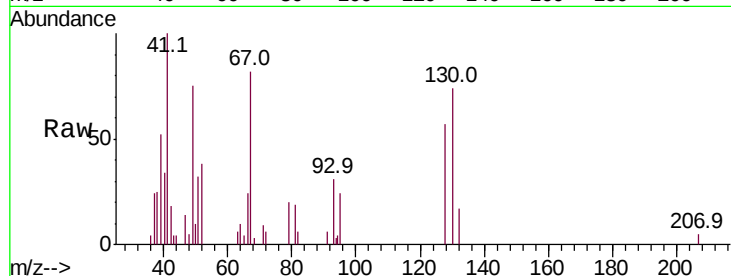




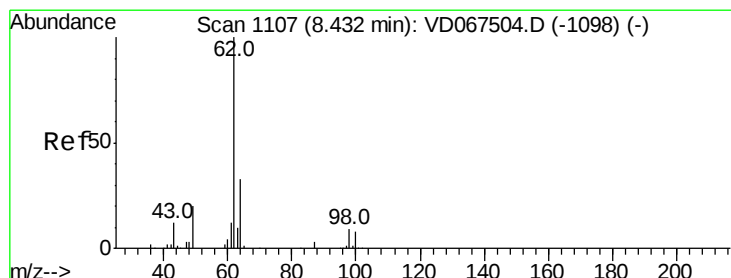
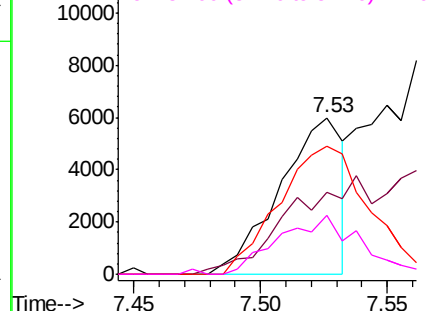
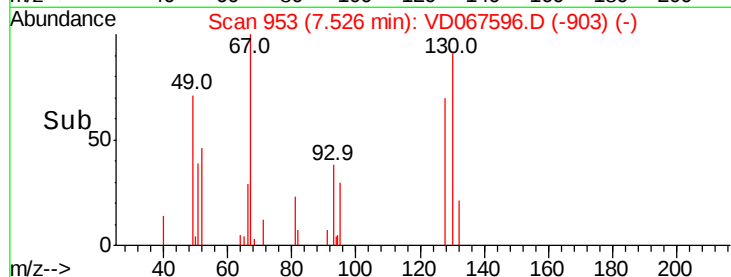
#41
Methacrylonitrile
Concen: 17.988 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion: 41 Resp: 10484
Ion Ratio Lower Upper
41 100
39 78.5 51.3 76.9#
67 116.3 78.9 118.3
52 47.5 31.4 47.2#

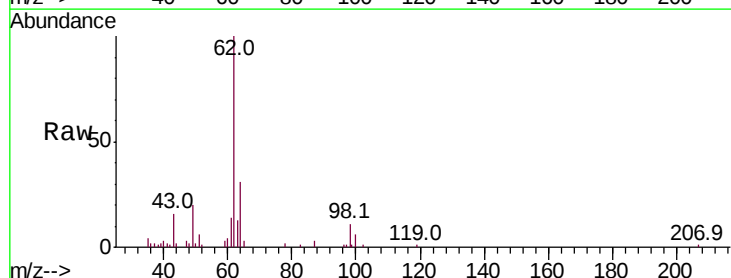


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

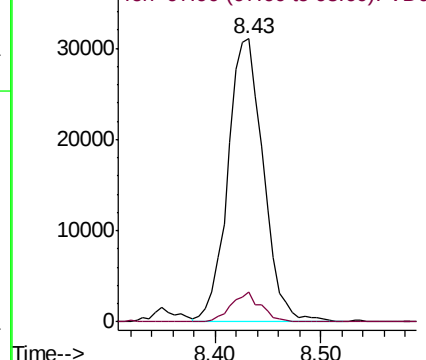
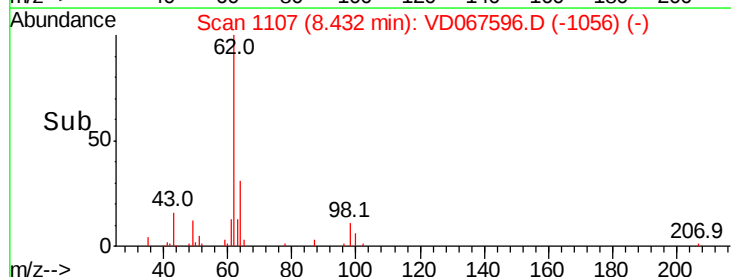


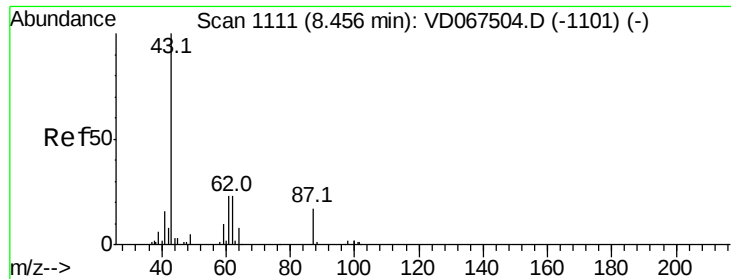
#42
1,2-Dichloroethane
Concen: 22.981 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 62 Resp: 72234
Ion Ratio Lower Upper
62 100
98 8.8 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: 22.528 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

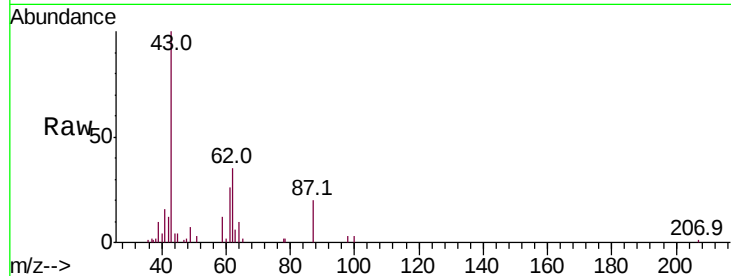
Tot Ion: 43 Resp: 43442

Ion Ratio Lower Upper

43 100

61 41.5 30.5 45.7

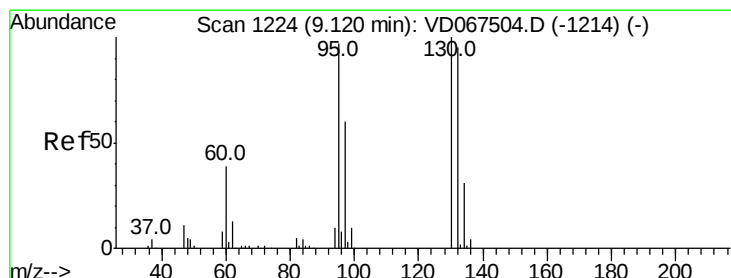
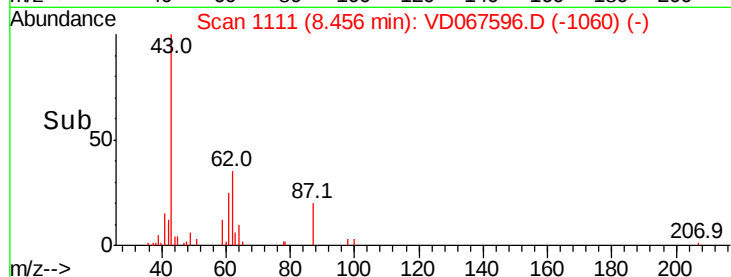
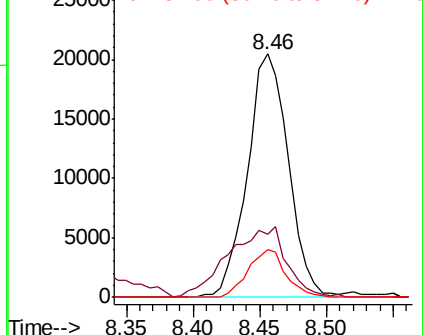
87 18.0 14.7 22.1



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: 22.377 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067596.D

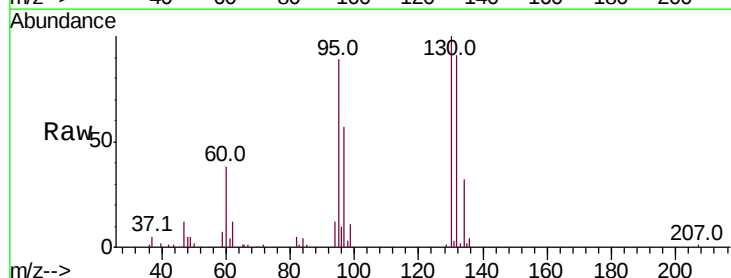
Acq: 11 Nov 2020 12:24

Tgt Ion: 130 Resp: 74852

Ion Ratio Lower Upper

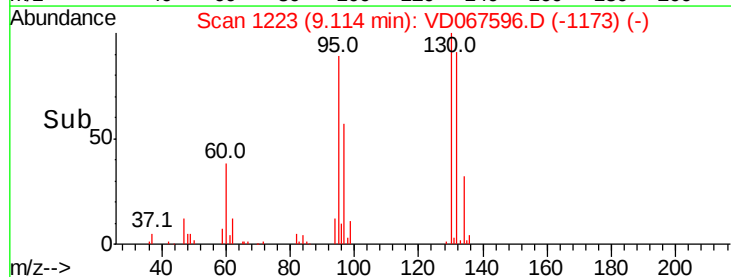
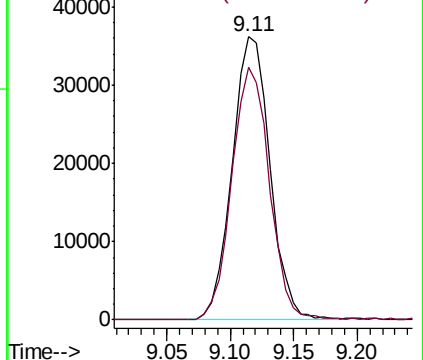
130 100

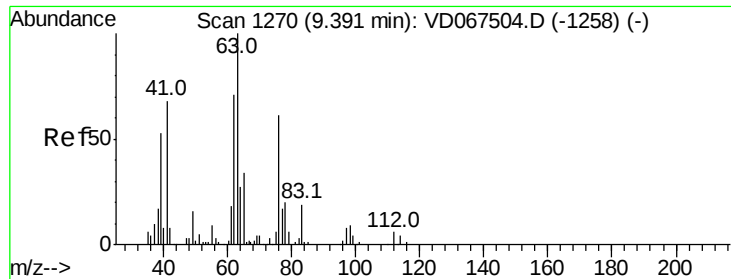
95 89.4 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.969 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

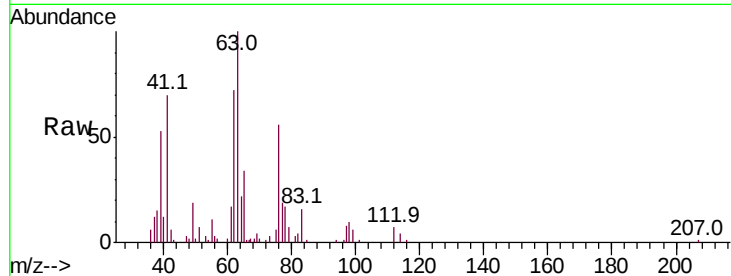
VD1111SBS01

Tot Ion: 63 Resp: 48321

Ion Ratio Lower Upper

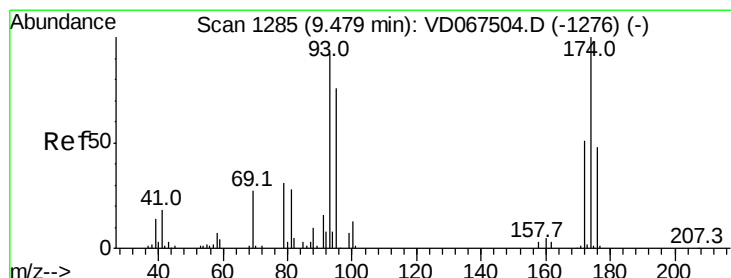
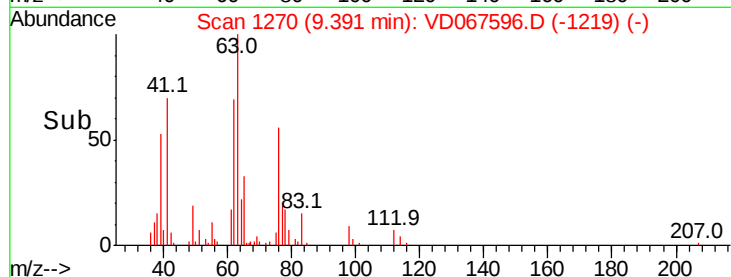
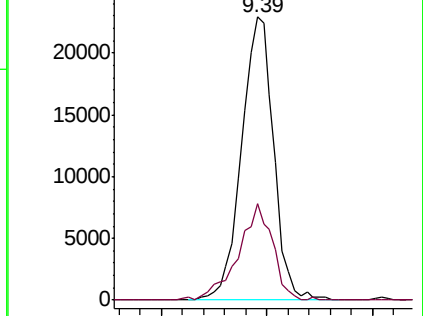
63 100

65 34.1 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: 22.153 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

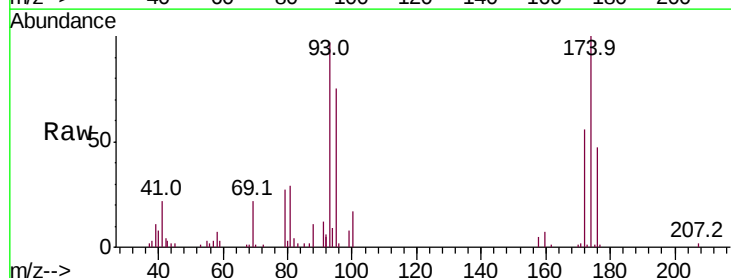
Tgt Ion: 93 Resp: 30982

Ion Ratio Lower Upper

93 100

95 84.0 66.4 99.6

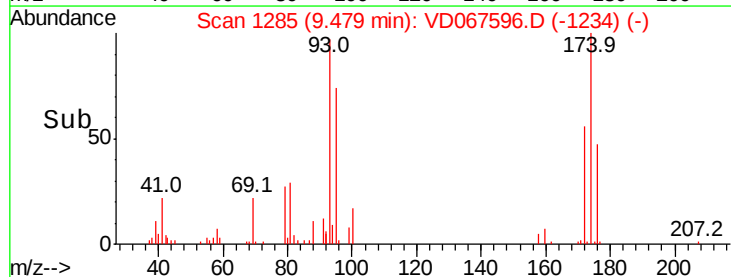
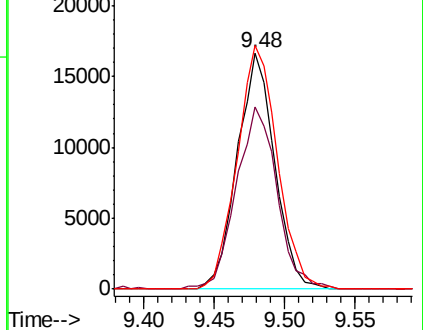
174 110.8 88.2 132.4

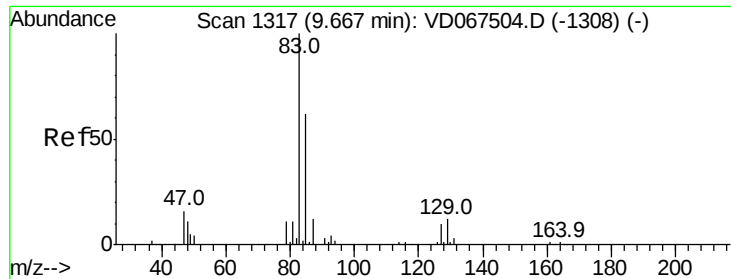


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

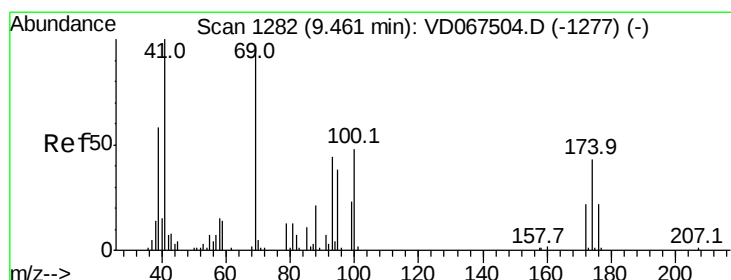
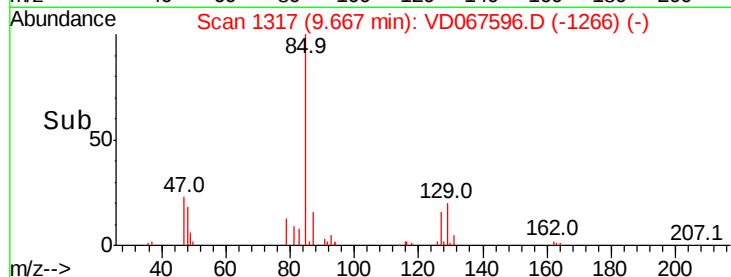
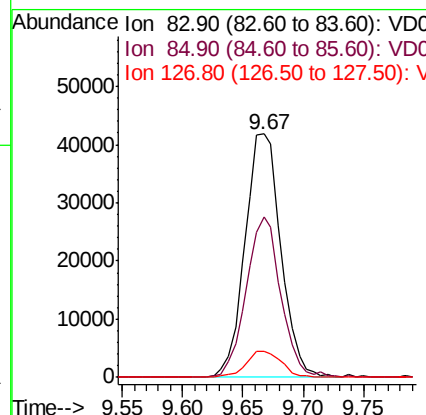
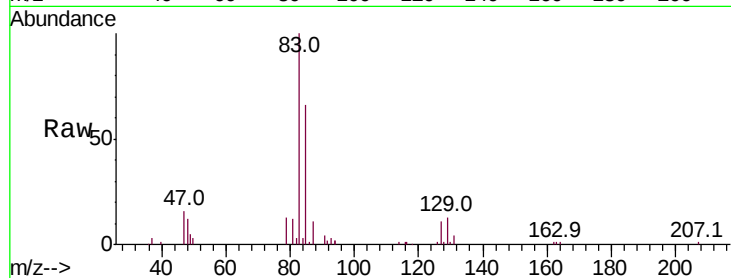




#47
Bromodichloromethane
Concen: 22.849 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

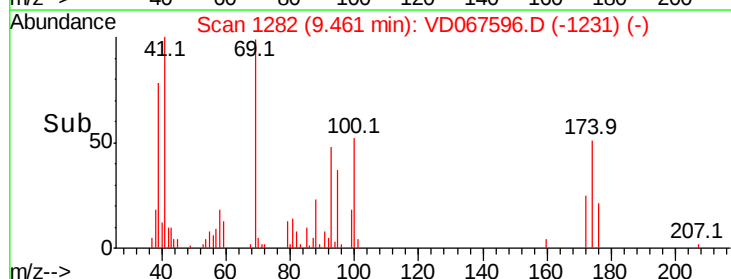
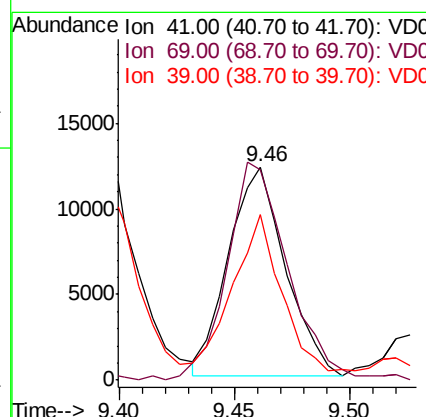
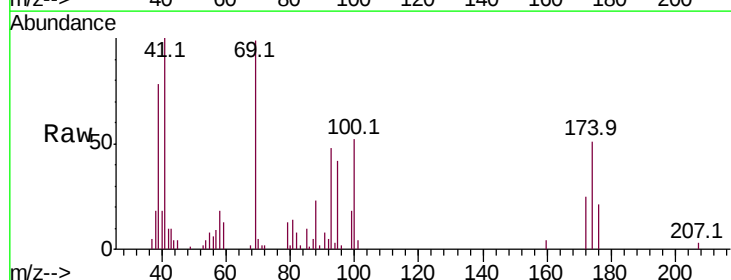
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

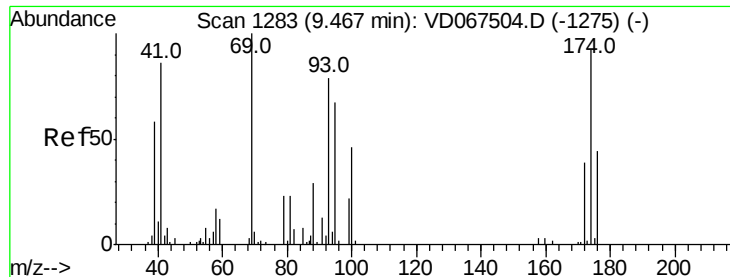
Tot Ion: 83 Resp: 86855
Ion Ratio Lower Upper
83 100
85 66.1 49.4 74.2
127 10.8 7.7 11.5



#48
Methyl methacrylate
Concen: 20.956 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 41 Resp: 20865
Ion Ratio Lower Upper
41 100
69 112.7 80.6 121.0
39 65.4 50.2 75.4





#49

1,4-Dioxane

Concen: 466.066 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

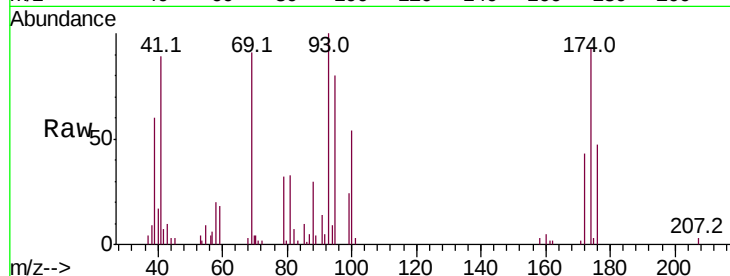
Tot Ion: 88 Resp: 6617

Ion Ratio Lower Upper

88 100

43 37.4 23.6 35.4#

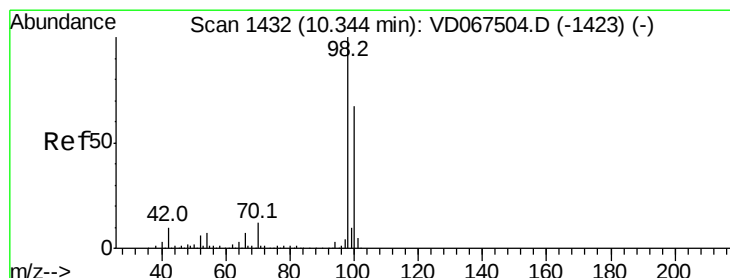
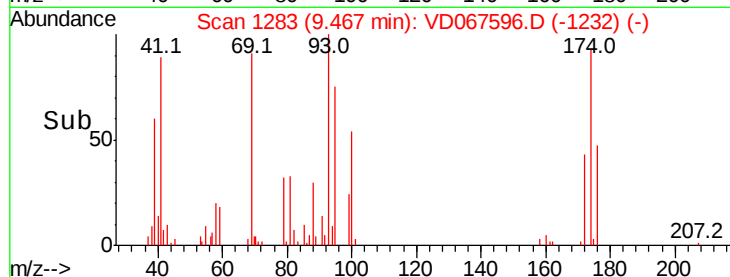
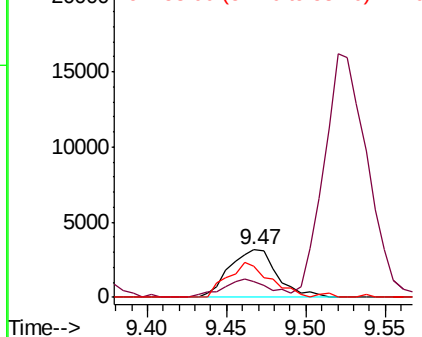
58 65.2 44.7 67.1



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: 47.619 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067596.D

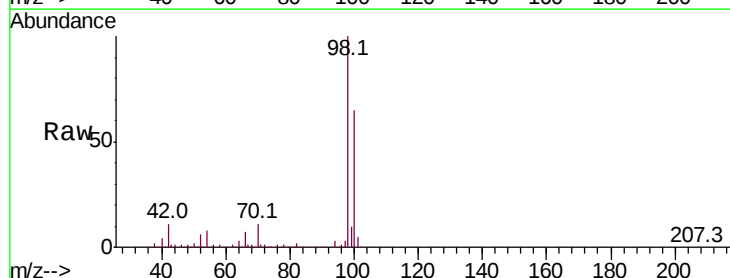
Acq: 11 Nov 2020 12:24

Tgt Ion: 98 Resp: 442376

Ion Ratio Lower Upper

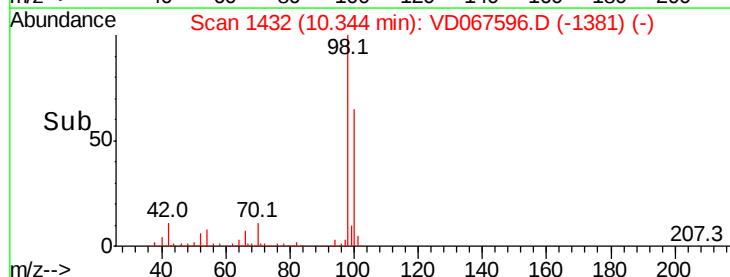
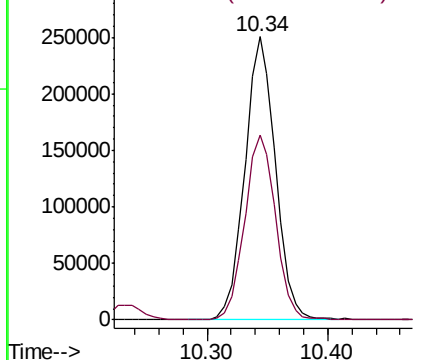
98 100

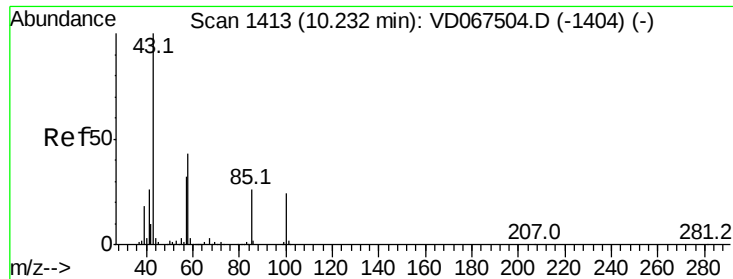
100 66.2 53.0 79.6



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: 118.534 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

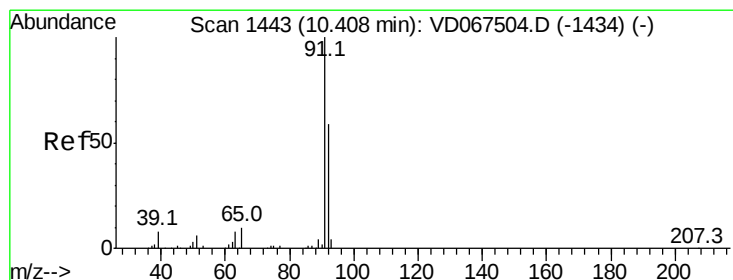
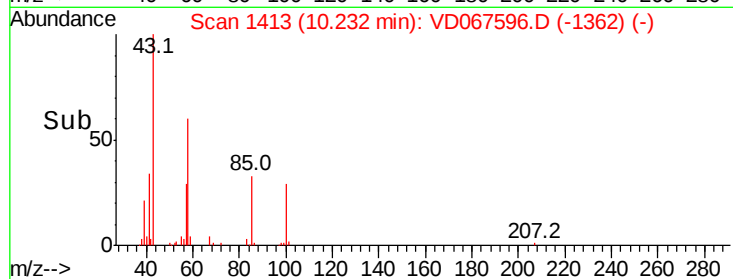
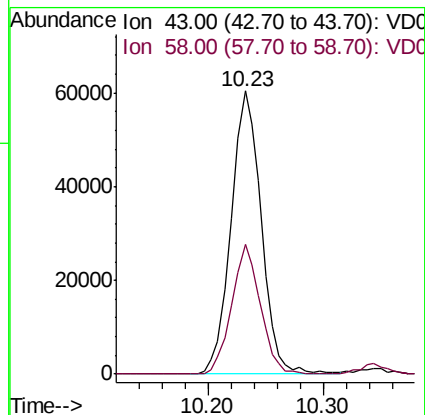
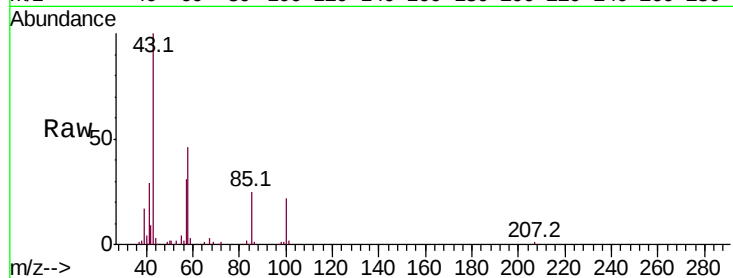
VD1111SBS01

Tot Ion: 43 Resp: 109317

Ion Ratio Lower Upper

43 100

58 43.4 35.6 53.4



#52

Toluene

Concen: 22.807 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067596.D

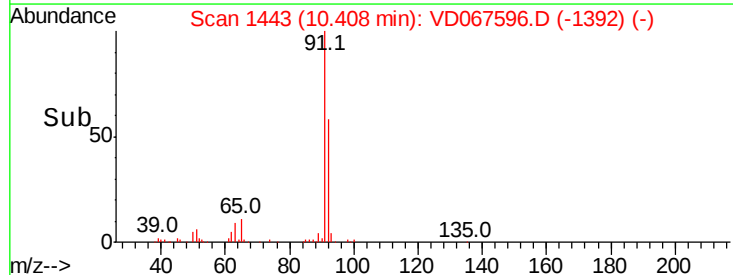
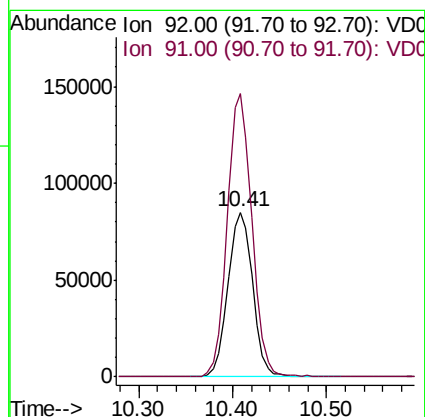
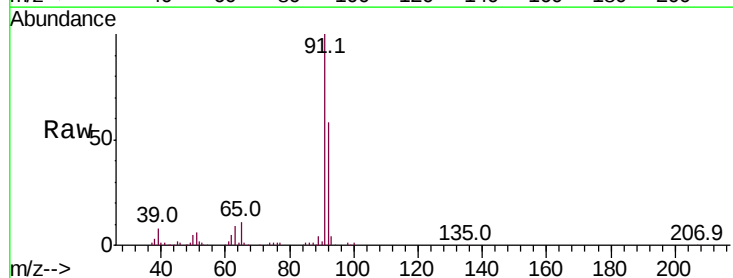
Acq: 11 Nov 2020 12:24

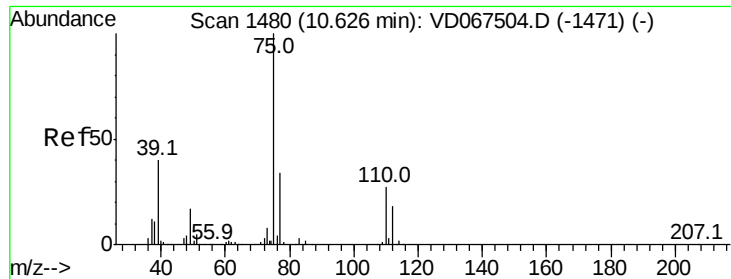
Tgt Ion: 92 Resp: 155407

Ion Ratio Lower Upper

92 100

91 171.3 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 22.922 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

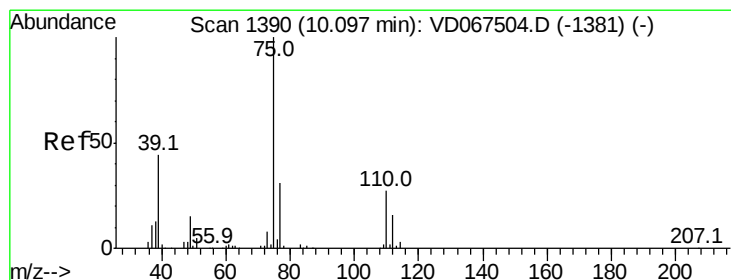
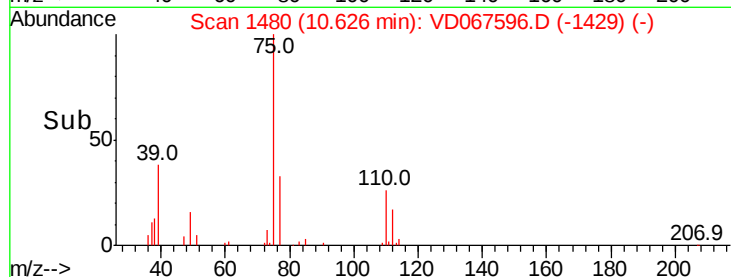
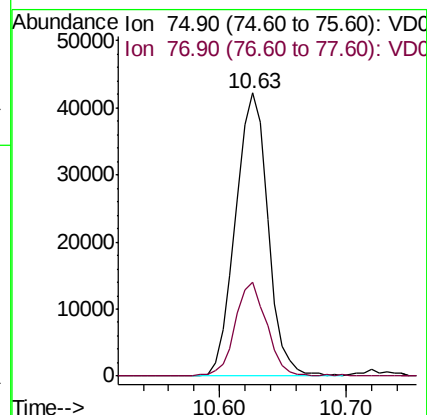
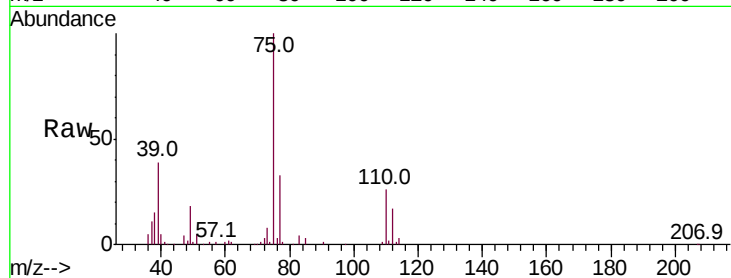
VD1111SBS01

Tot Ion: 75 Resp: 74624

Ion Ratio Lower Upper

75 100

77 33.1 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 22.147 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

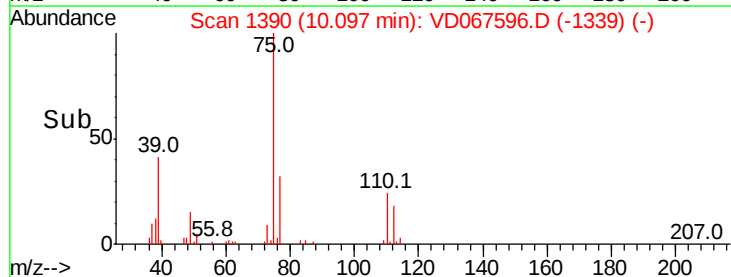
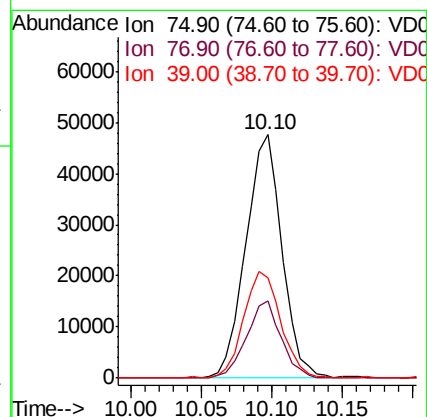
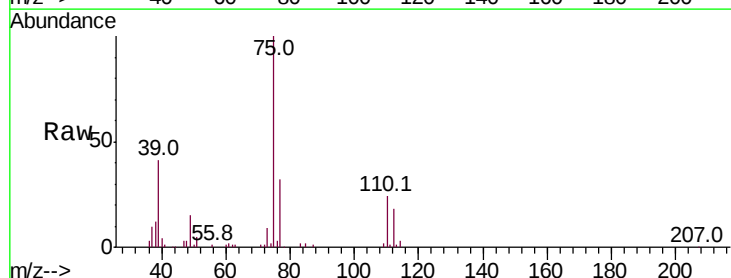
Tgt Ion: 75 Resp: 85664

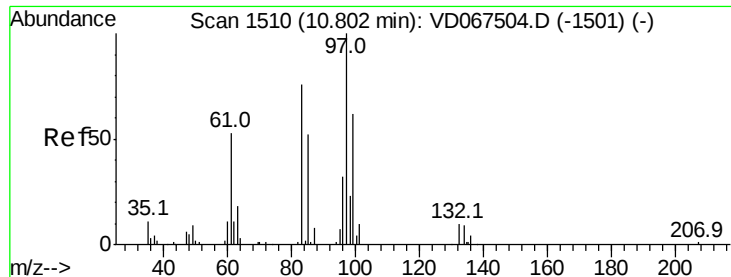
Ion Ratio Lower Upper

75 100

77 31.7 24.4 36.6

39 41.0 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 23.454 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

Tot Ion: 97 Resp: 43400

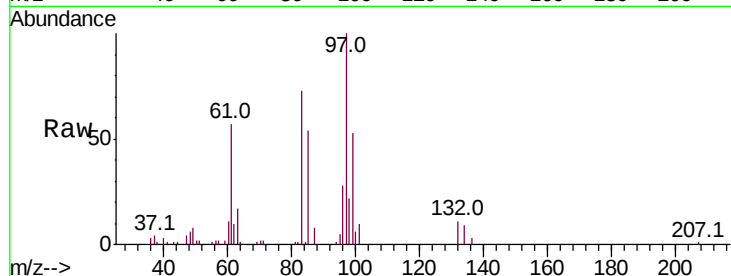
Ion Ratio Lower Upper

97 100

83 73.5 61.0 91.6

85 53.0 41.5 62.3

99 53.1 49.4 74.2

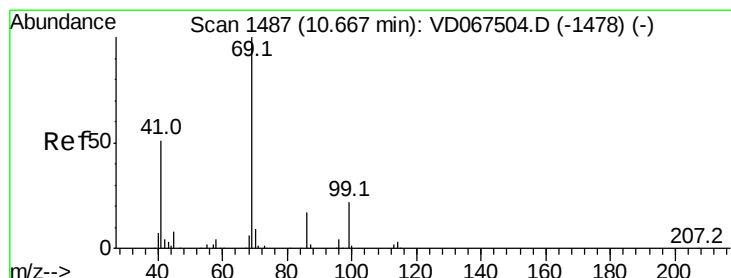
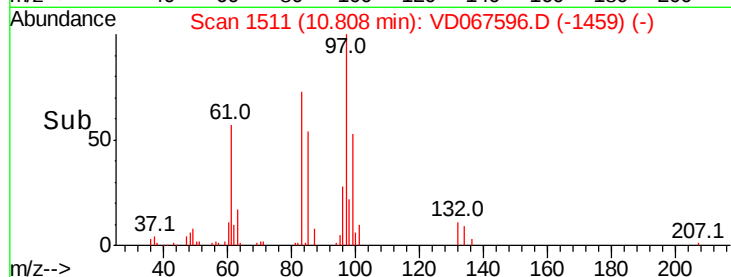
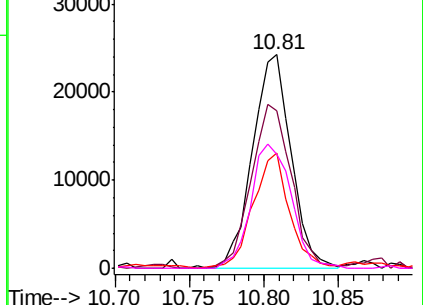


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 23.494 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

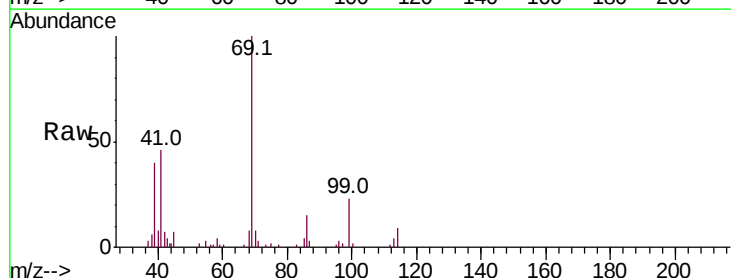
Tgt Ion: 69 Resp: 44894

Ion Ratio Lower Upper

69 100

41 50.2 45.4 68.0

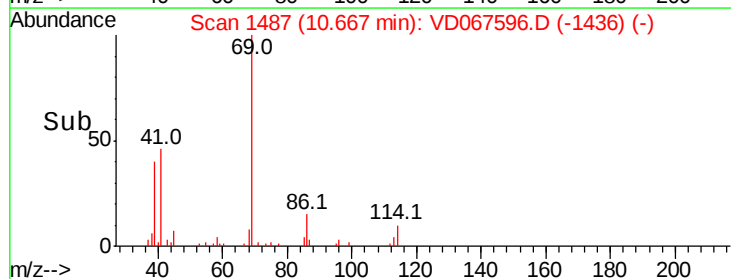
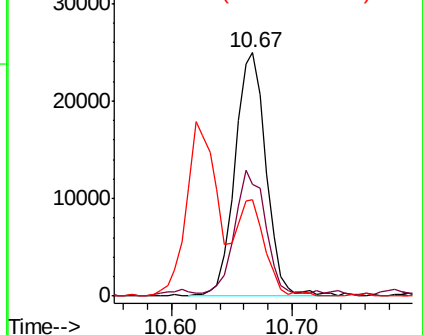
39 33.8 27.4 41.0

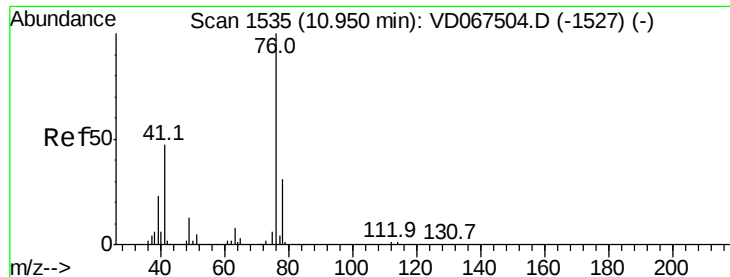


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 23.034 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

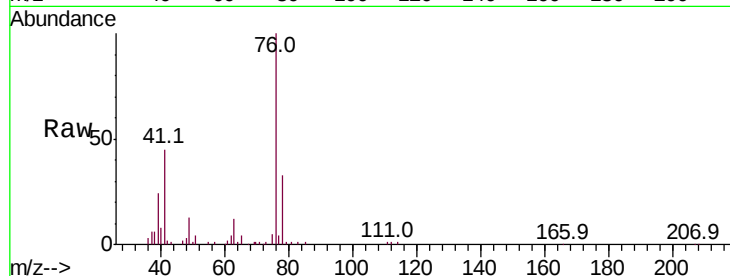
VD1111SBS01

Tot Ion: 76 Resp: 68587

Ion Ratio Lower Upper

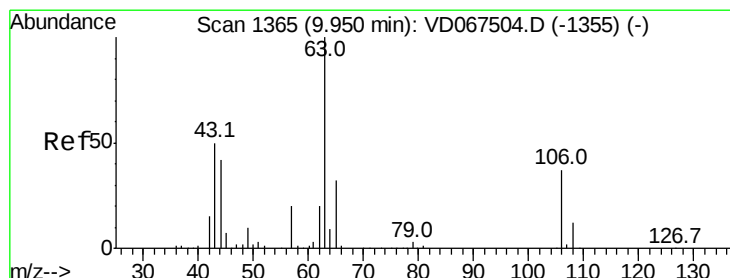
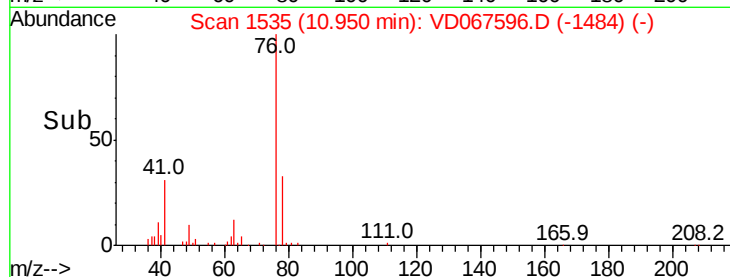
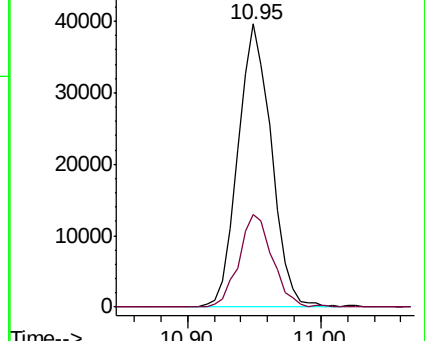
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 110.352 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD067596.D

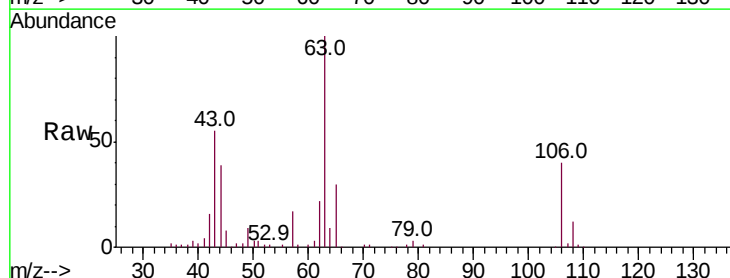
Acq: 11 Nov 2020 12:24

Tgt Ion: 63 Resp: 98335

Ion Ratio Lower Upper

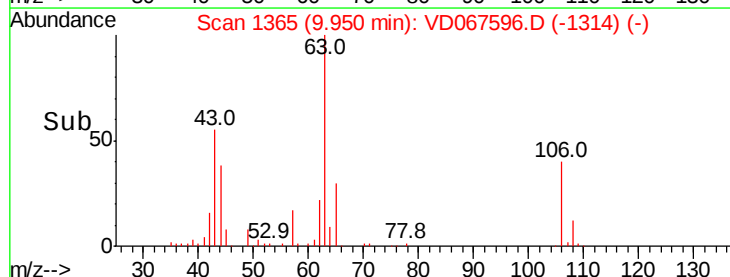
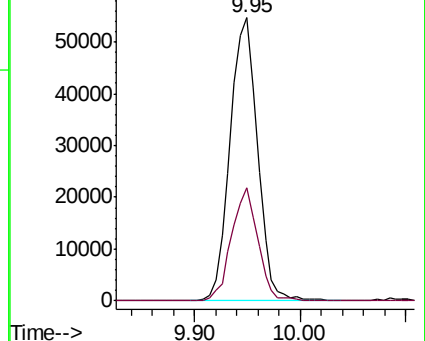
63 100

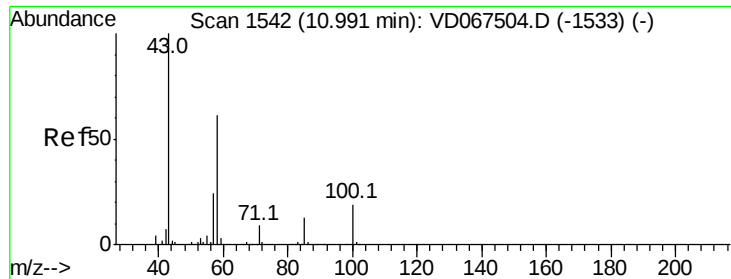
106 38.3 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

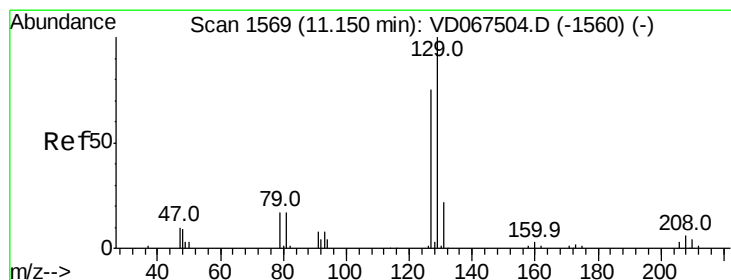
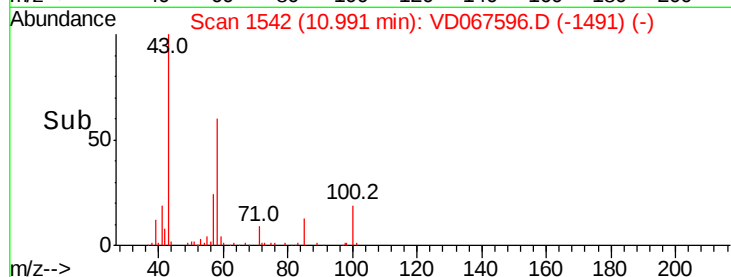
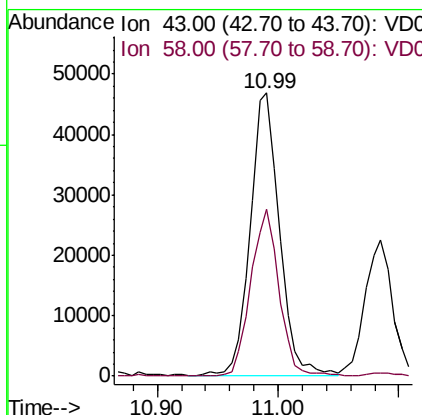
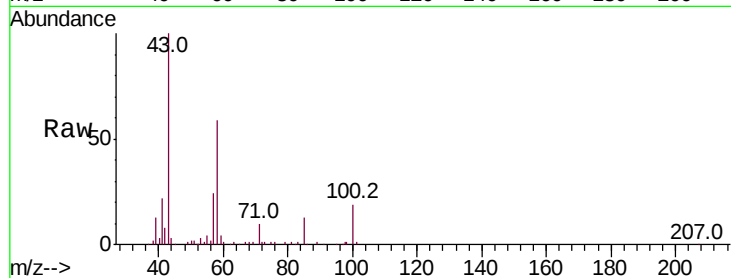




#59
2-Hexanone
Concen: 123.757 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

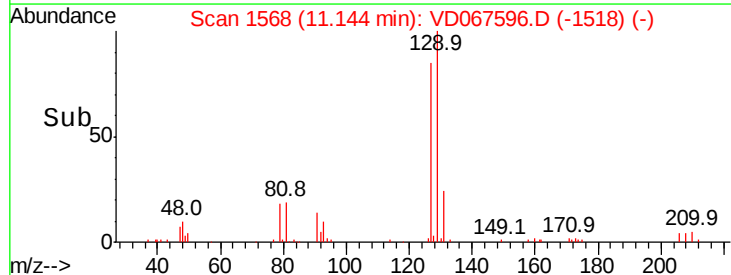
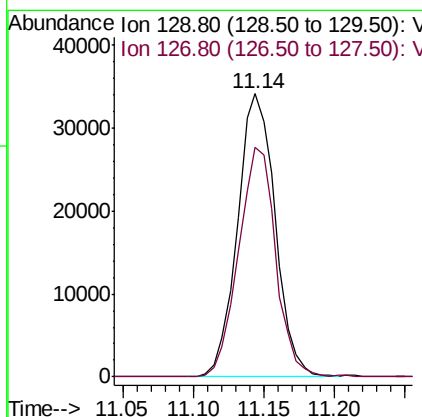
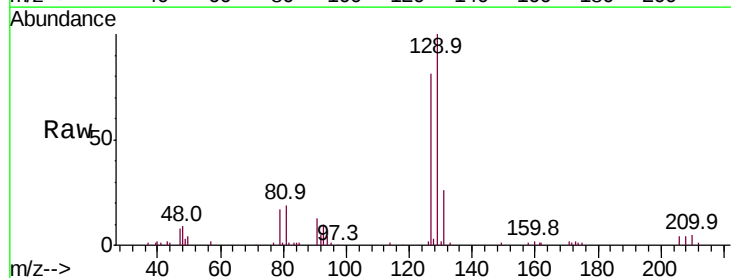
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

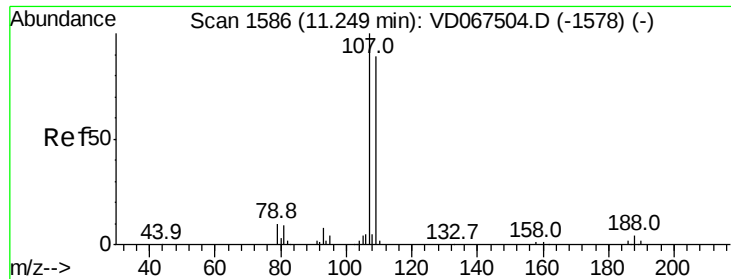
Tot Ion: 43 Resp: 79803
Ion Ratio Lower Upper
43 100
58 56.9 30.3 90.9



#60
Dibromochloromethane
Concen: 23.286 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 129 Resp: 63742
Ion Ratio Lower Upper
129 100
127 80.0 38.0 114.1

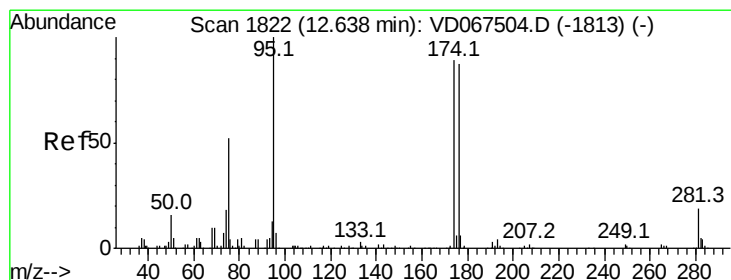
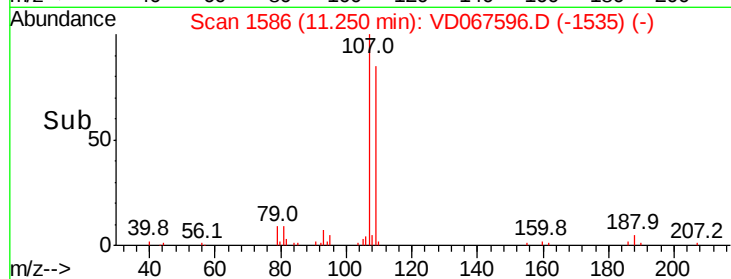
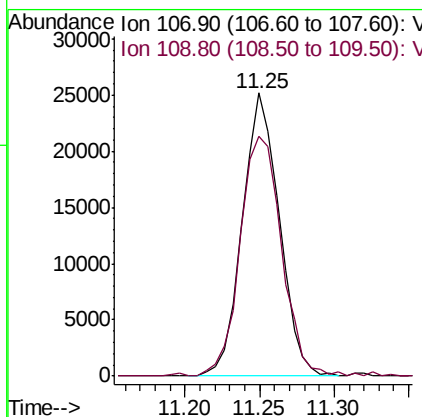
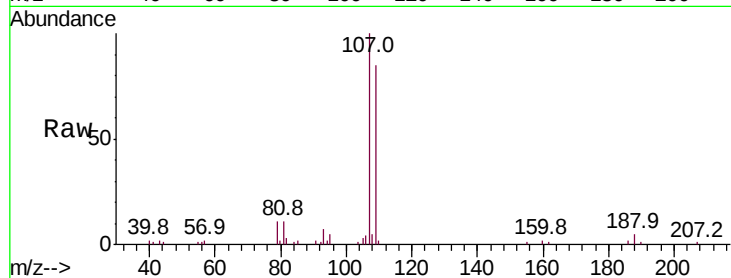




#61
 1,2-Dibromoethane
 Concen: 23.225 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

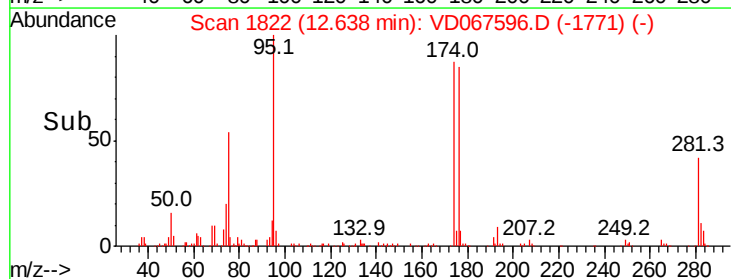
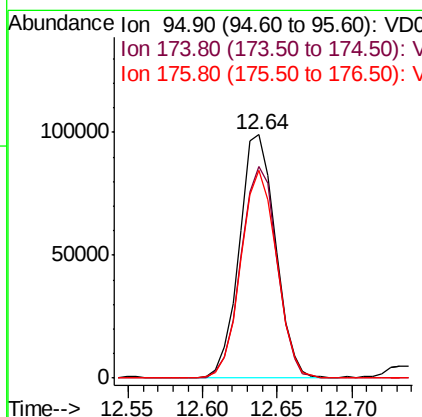
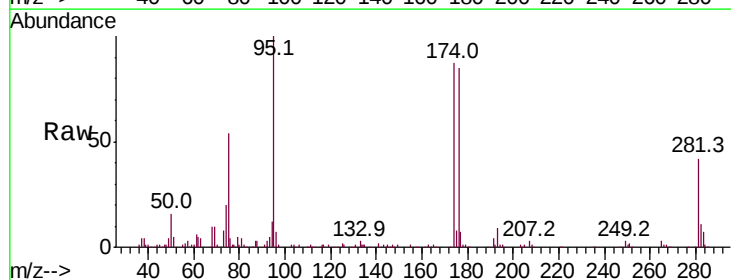
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

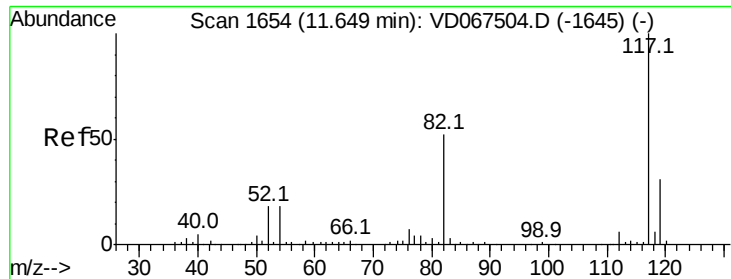
Tot Ion:107 Resp: 43133
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 51.712 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 95 Resp: 165858
 Ion Ratio Lower Upper
 95 100
 174 86.6 0.0 177.8
 176 84.6 0.0 172.0

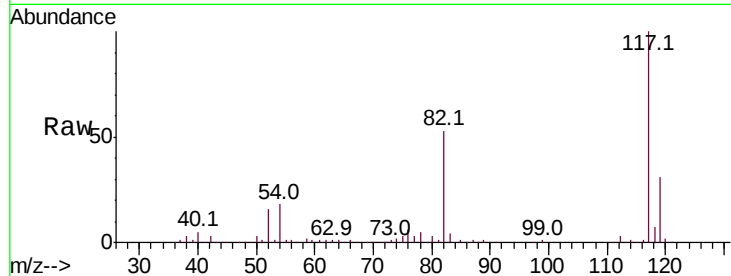




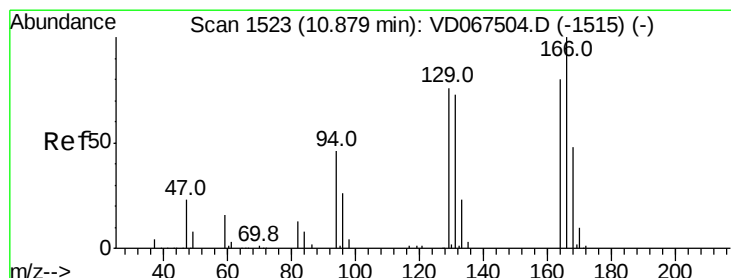
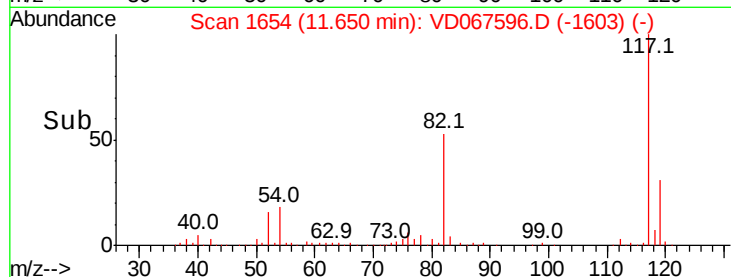
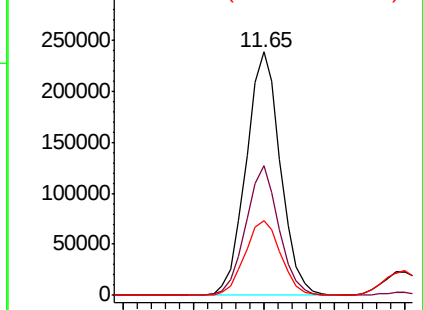
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion:117 Resp: 406385
Ion Ratio Lower Upper
117 100
82 53.1 41.6 62.4
119 30.9 25.1 37.7

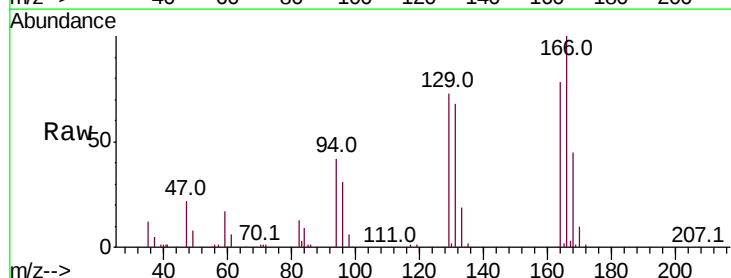


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

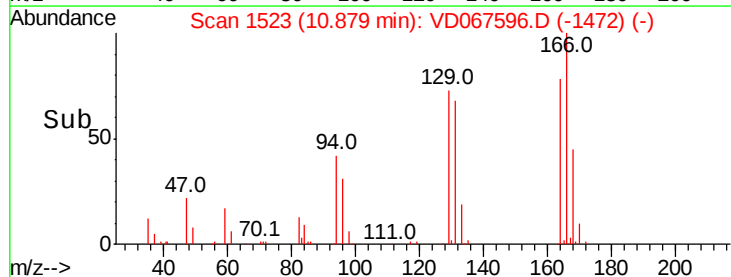
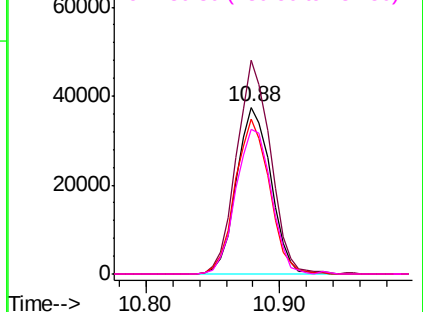


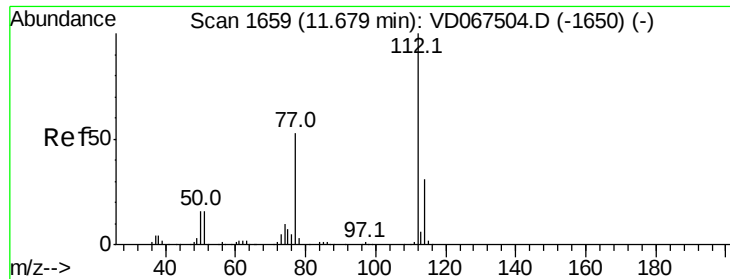
#64
Tetrachloroethene
Concen: 22.087 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion:164 Resp: 66474
Ion Ratio Lower Upper
164 100
166 128.2 99.9 149.9
129 93.2 75.5 113.3
131 87.1 73.4 110.0



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

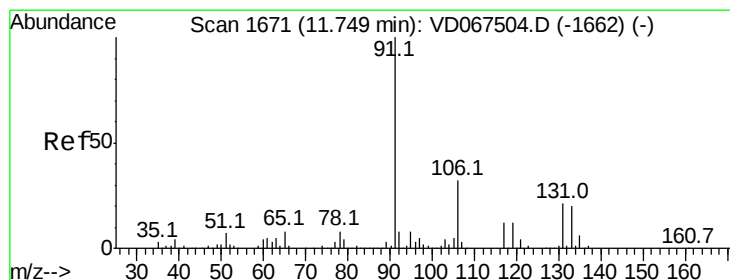
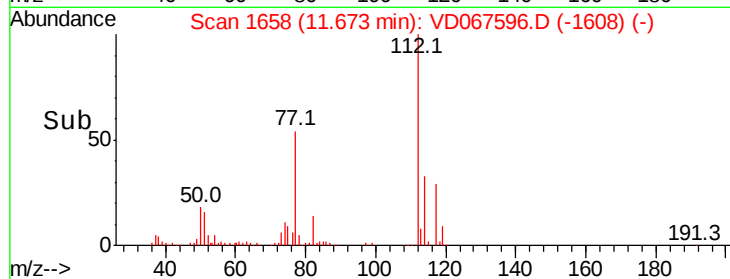
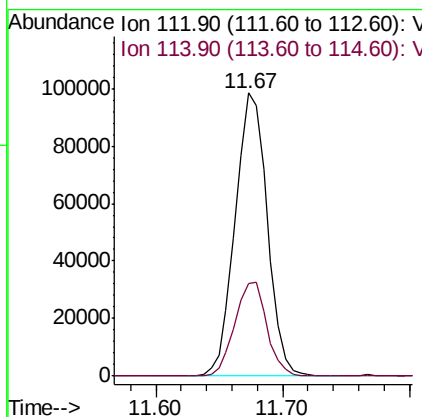
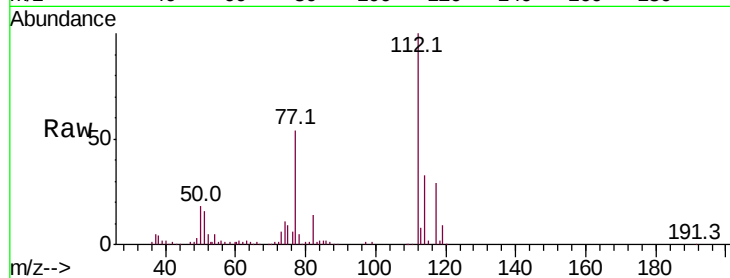




#65
Chlorobenzene
Concen: 22.111 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

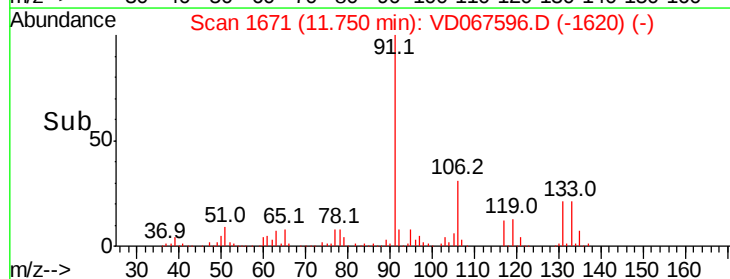
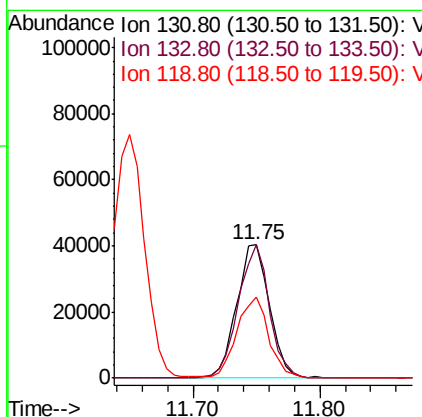
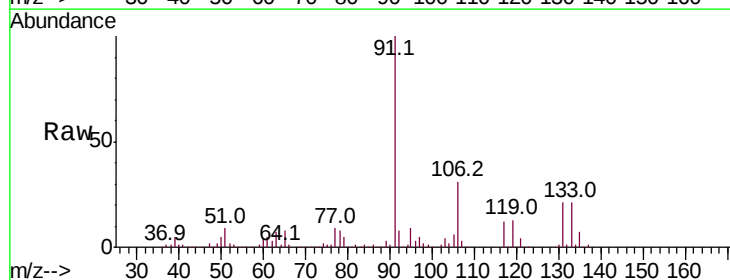
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

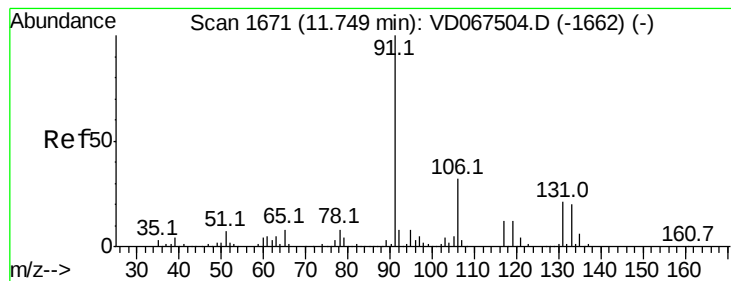
Tot Ion:112 Resp: 173087
Ion Ratio Lower Upper
112 100
114 32.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.403 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion:131 Resp: 72205
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.0
119 59.4 30.1 90.5





#67

Ethyl Benzene

Concen: 22.889 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

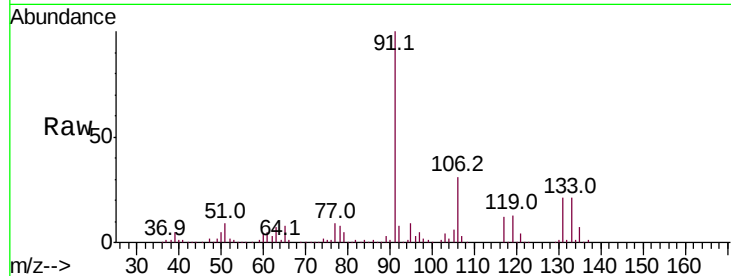
VD1111SBS01

Tot Ion: 91 Resp: 306607

Ion Ratio Lower Upper

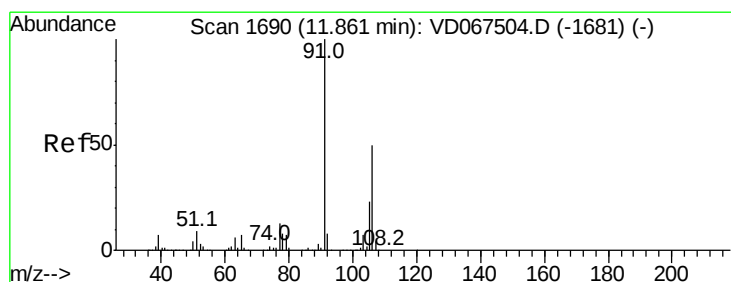
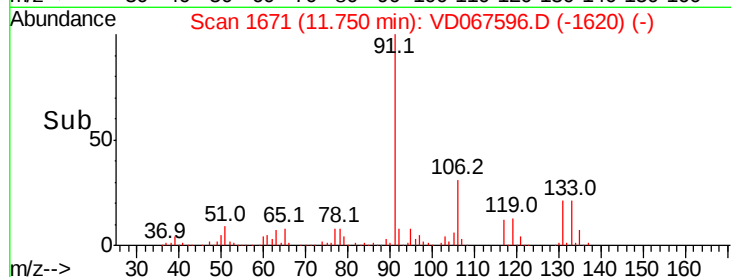
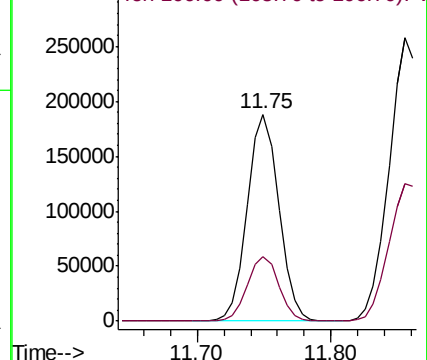
91 100

106 31.3 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 46.831 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067596.D

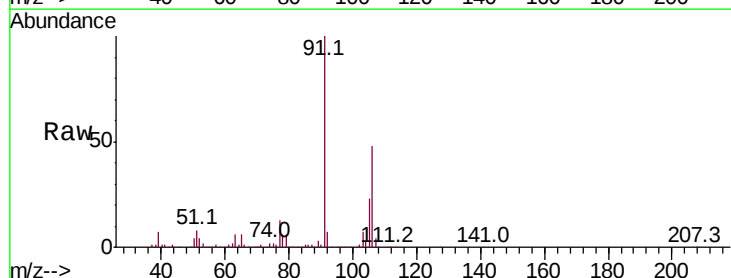
Acq: 11 Nov 2020 12:24

Tgt Ion: 106 Resp: 244054

Ion Ratio Lower Upper

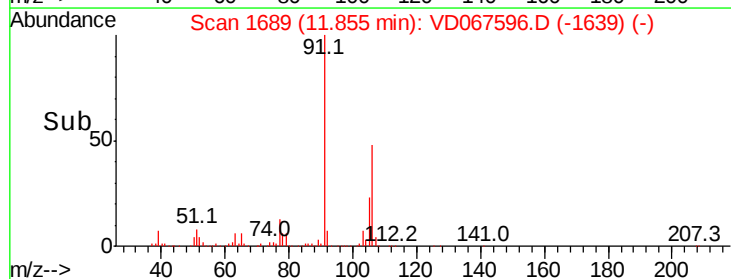
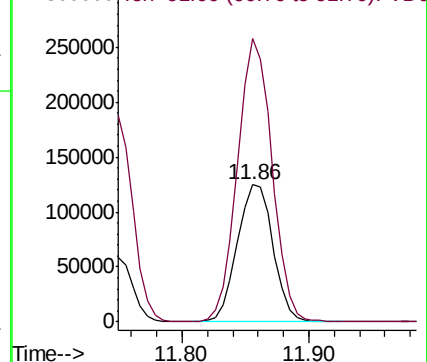
106 100

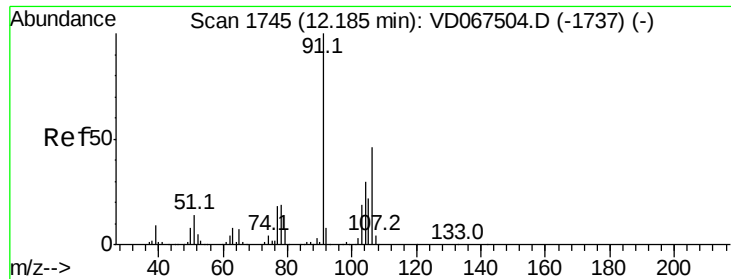
91 199.3 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

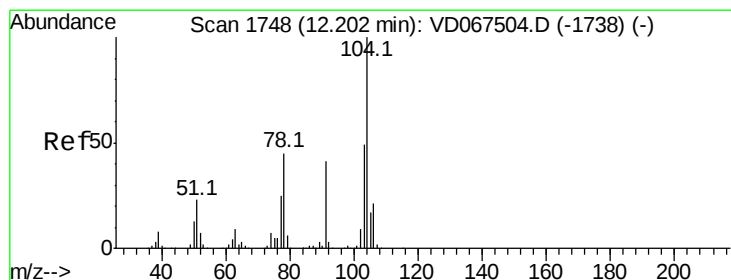
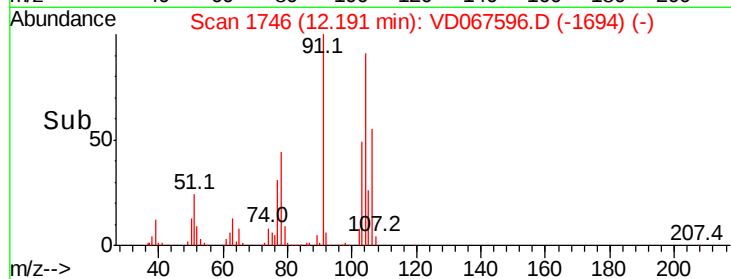
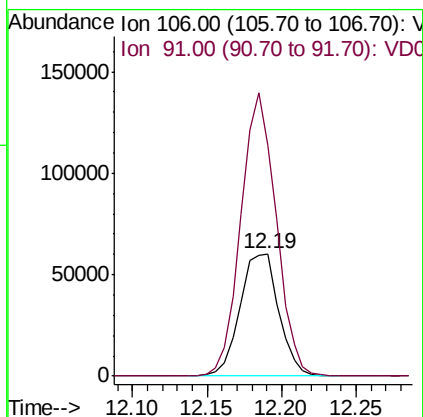
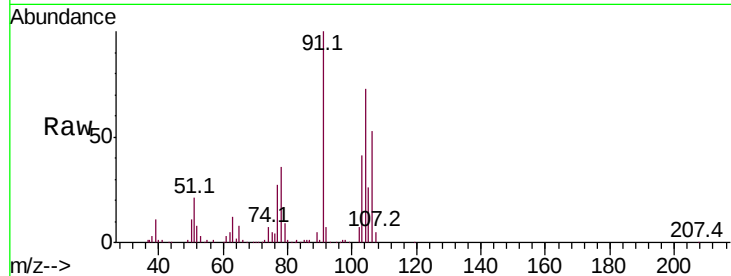




#69
o-Xylene
Concen: 23.281 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

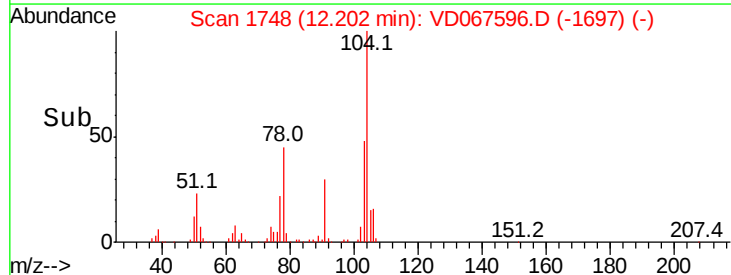
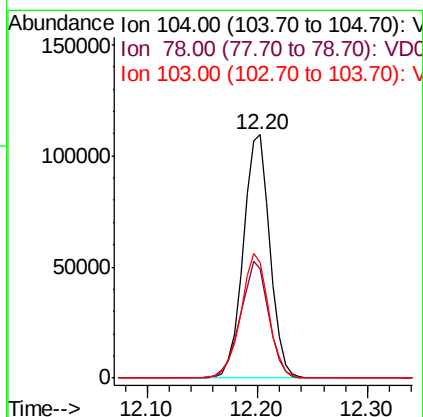
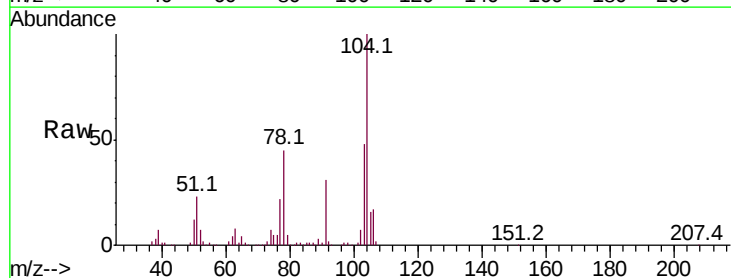
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

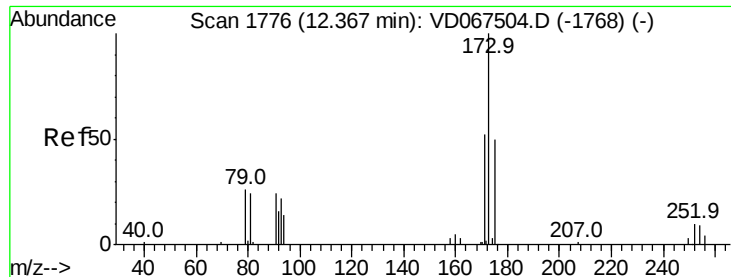
Tot Ion:106 Resp: 108324
Ion Ratio Lower Upper
106 100
91 211.0 107.1 321.1



#70
Styrene
Concen: 22.870 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion:104 Resp: 185427
Ion Ratio Lower Upper
104 100
78 51.1 39.8 59.8
103 53.6 43.9 65.9





#71

Bromoform

Concen: 24.220 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

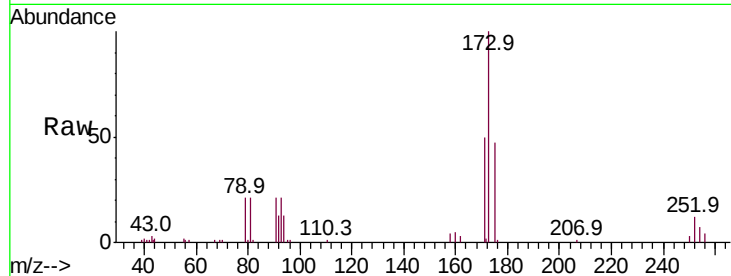
Tot Ion:173 Resp: 38111

Ion Ratio Lower Upper

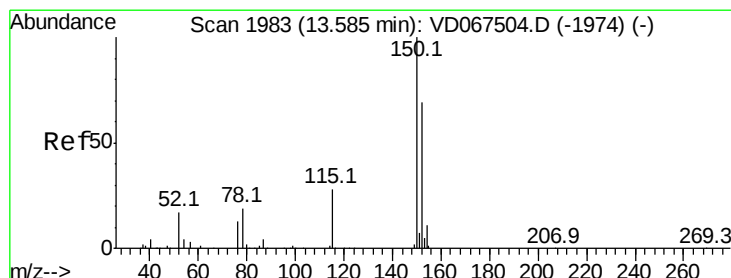
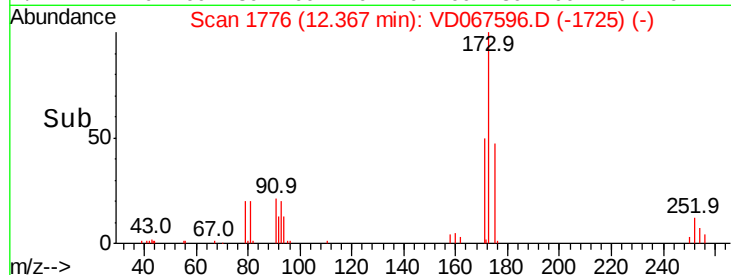
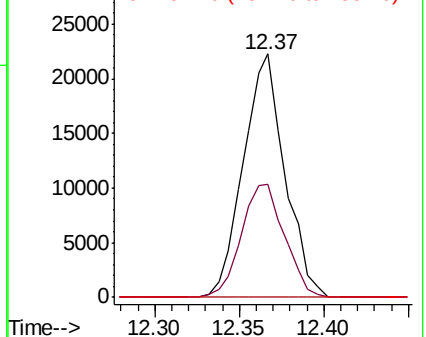
173 100

175 48.0 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

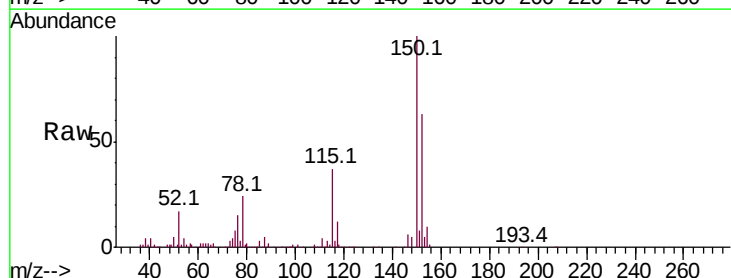
Tgt Ion:152 Resp: 208127

Ion Ratio Lower Upper

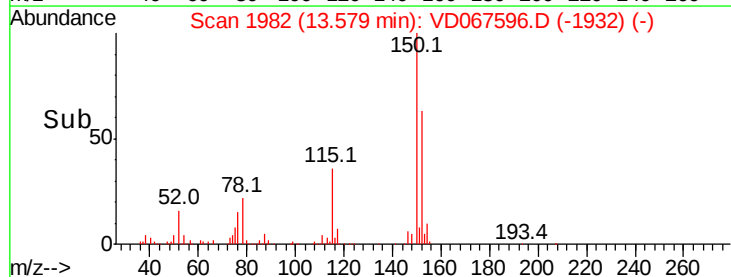
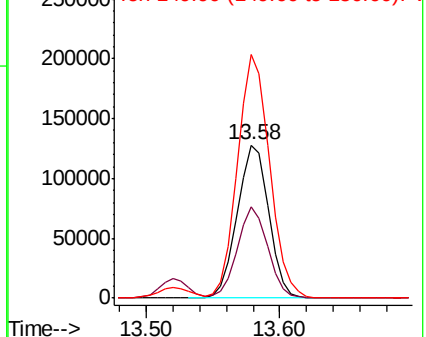
152 100

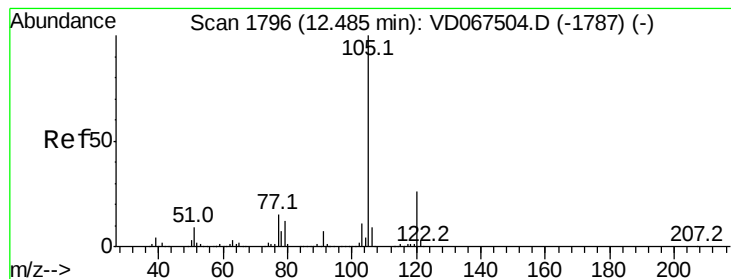
115 58.1 29.3 88.0

150 163.1 0.0 338.2



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





#73

Isopropylbenzene

Concen: 22.872 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

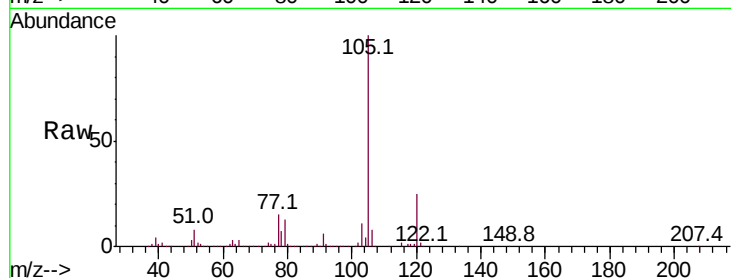
VD1111SBS01

Tot Ion:105 Resp: 307645

Ion Ratio Lower Upper

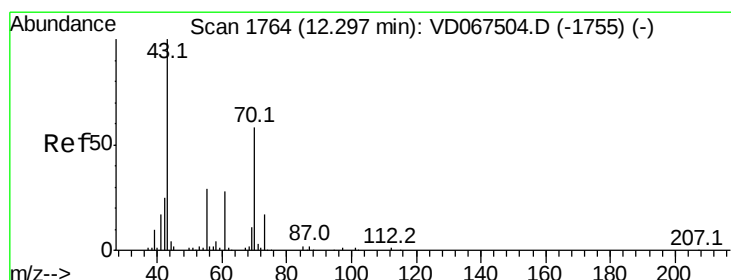
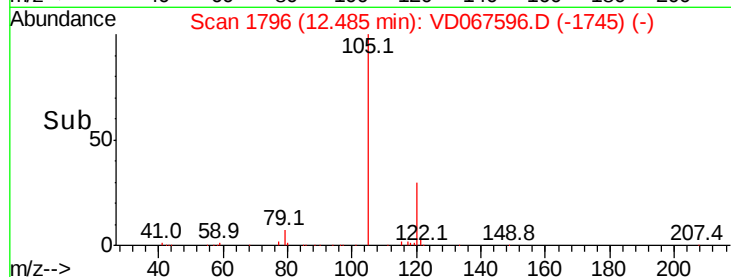
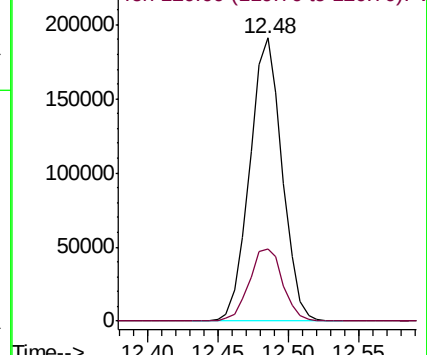
105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.859 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Tgt Ion: 43 Resp: 42228

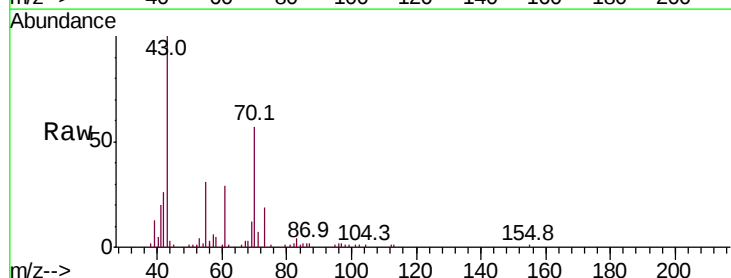
Ion Ratio Lower Upper

43 100

70 59.4 42.6 64.0

55 35.8 23.7 35.5#

61 27.1 21.9 32.9

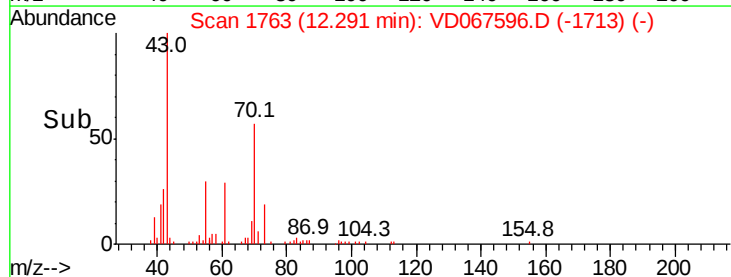
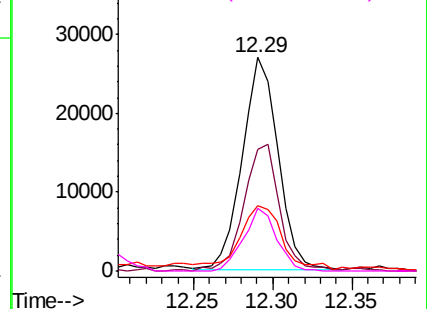


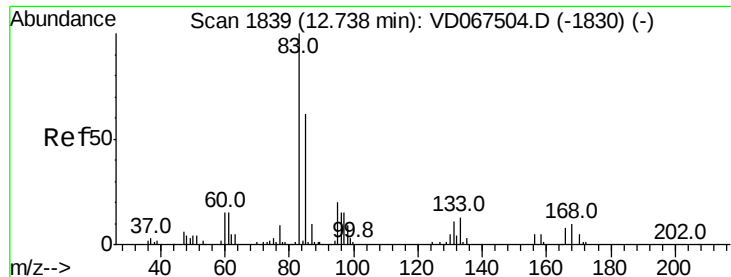
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 23.314 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

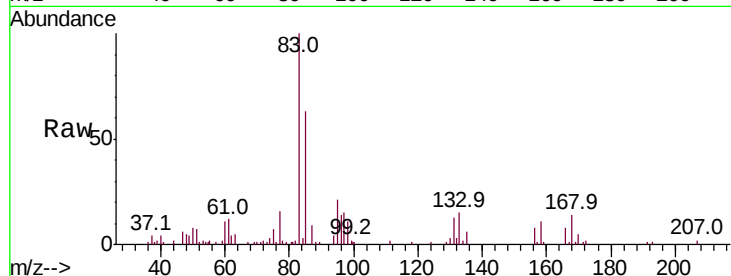
Tot Ion: 83 Resp: 42762

Ion Ratio Lower Upper

83 100

131 14.6 7.1 21.3

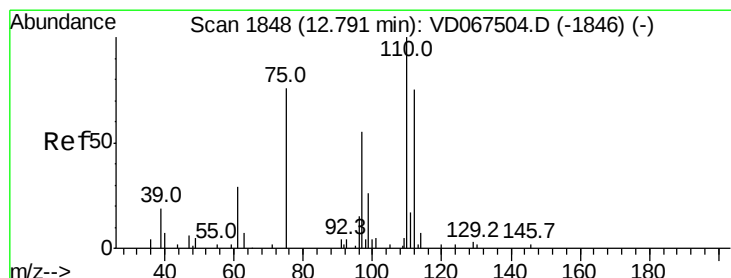
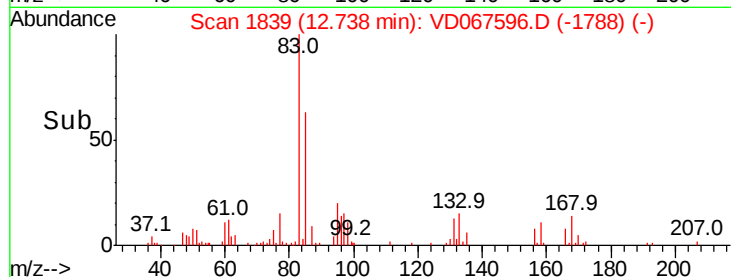
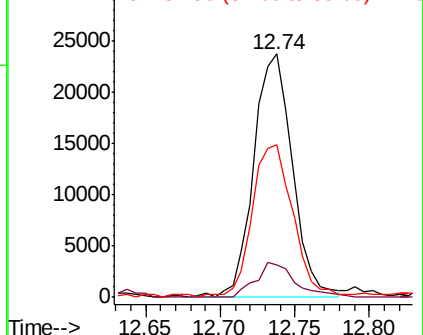
85 66.4 32.9 98.7



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: 46.853 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067596.D

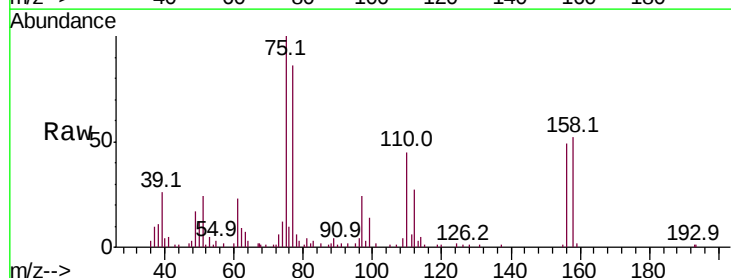
Acq: 11 Nov 2020 12:24

Tgt Ion: 75 Resp: 58826

Ion Ratio Lower Upper

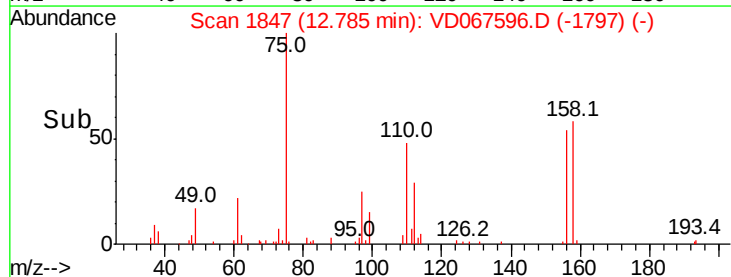
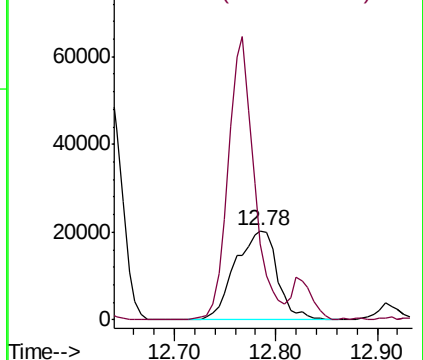
75 100

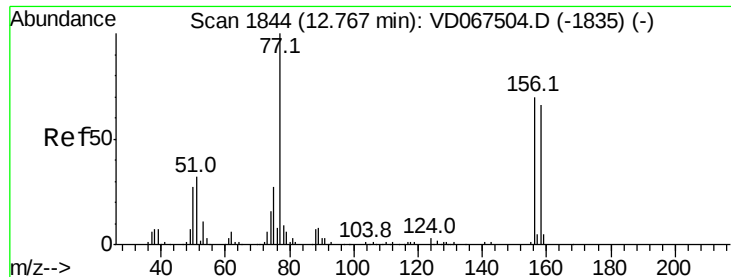
77 197.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.256 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

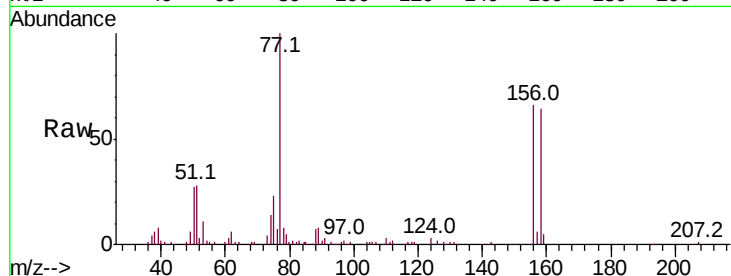
Tot Ion:156 Resp: 73520

Ion Ratio Lower Upper

156 100

77 157.8 77.8 233.5

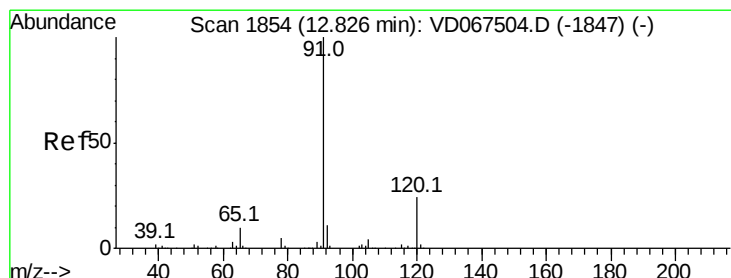
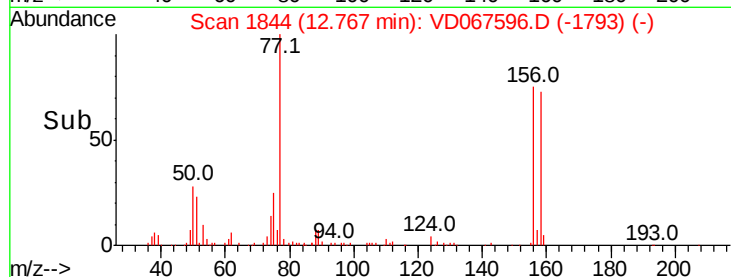
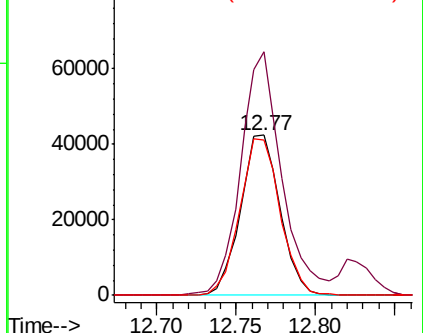
158 99.7 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.686 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067596.D

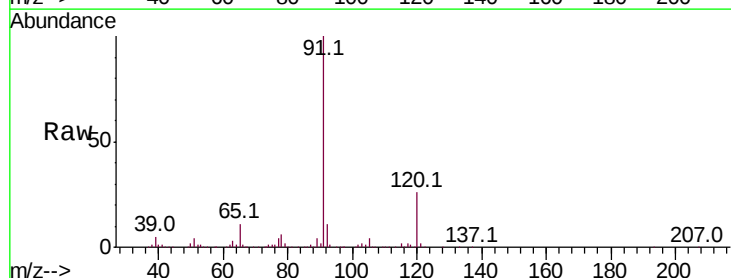
Acq: 11 Nov 2020 12:24

Tgt Ion: 91 Resp: 349030

Ion Ratio Lower Upper

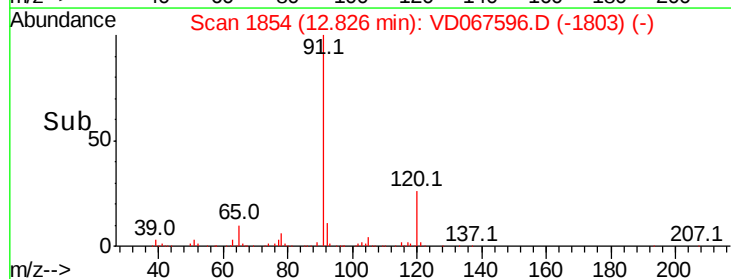
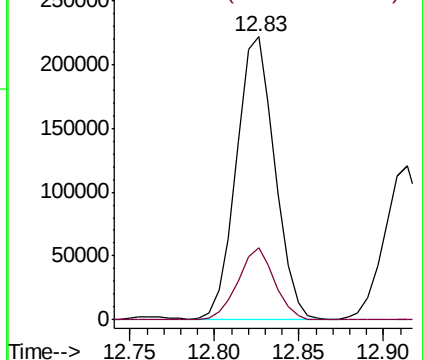
91 100

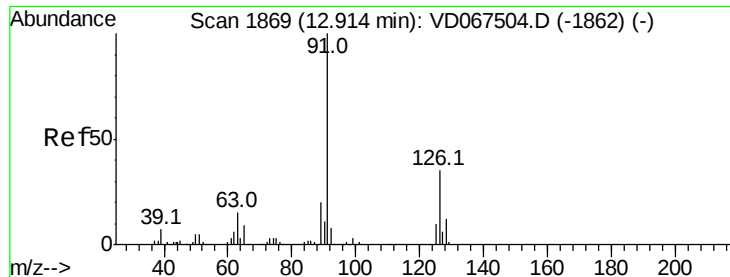
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.506 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

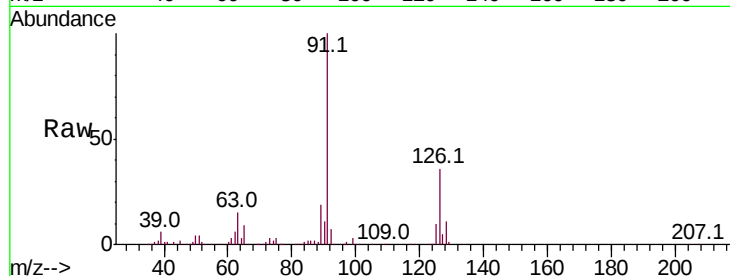
VD1111SBS01

Tot Ion: 91 Resp: 196698

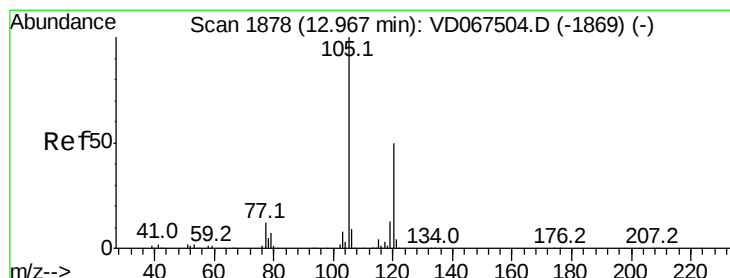
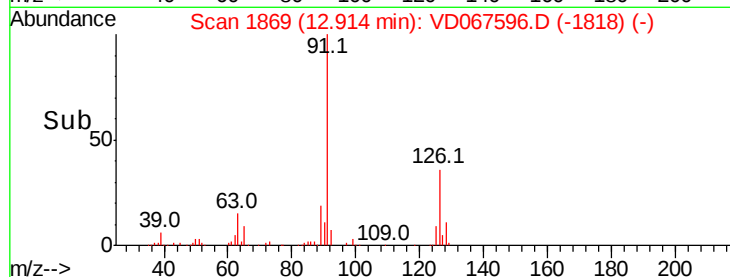
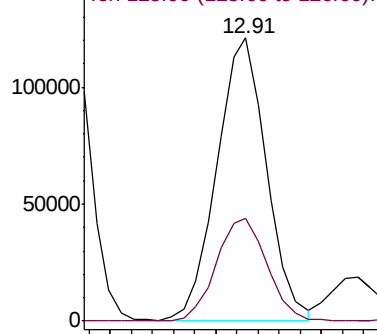
Ion Ratio Lower Upper

91 100

126 37.2 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 23.395 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067596.D

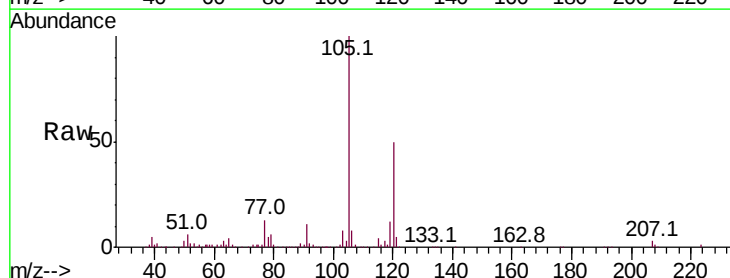
Acq: 11 Nov 2020 12:24

Tgt Ion:105 Resp: 268812

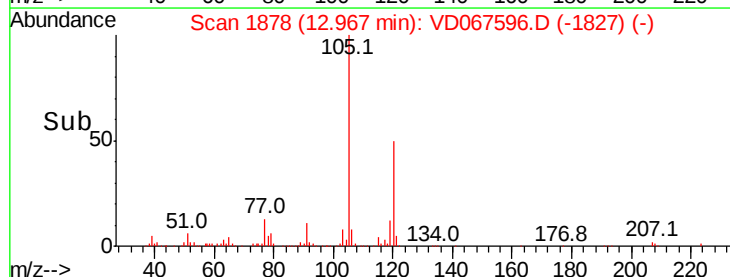
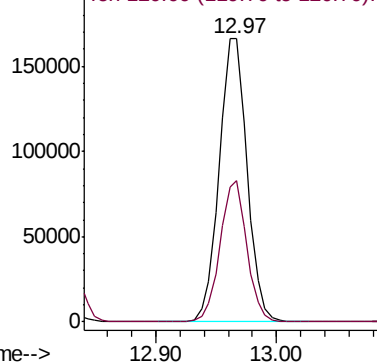
Ion Ratio Lower Upper

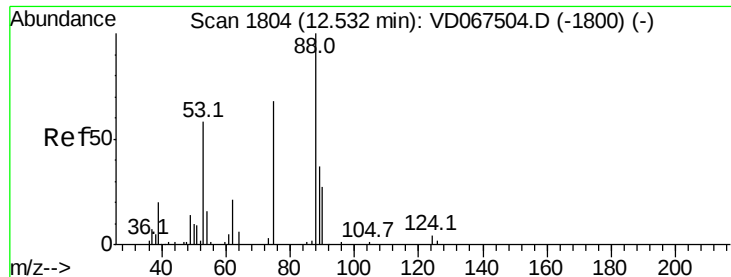
105 100

120 47.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.003 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

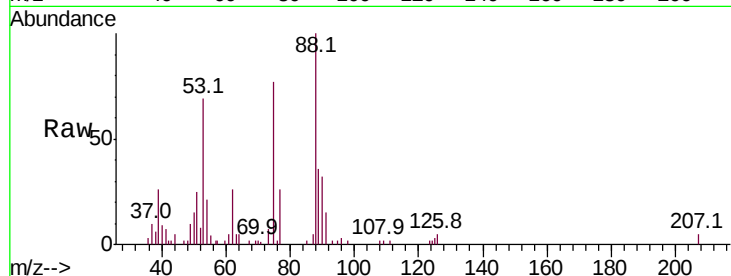
Tot Ion: 75 Resp: 13607

Ion Ratio Lower Upper

75 100

53 102.5 75.9 113.9

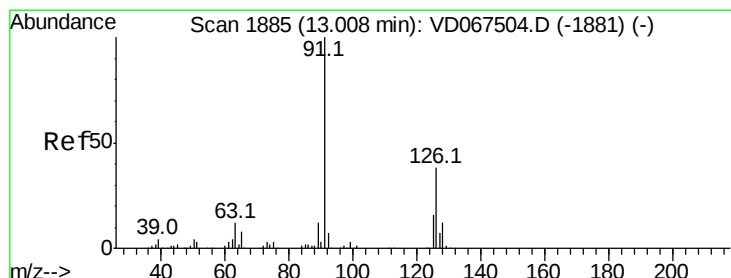
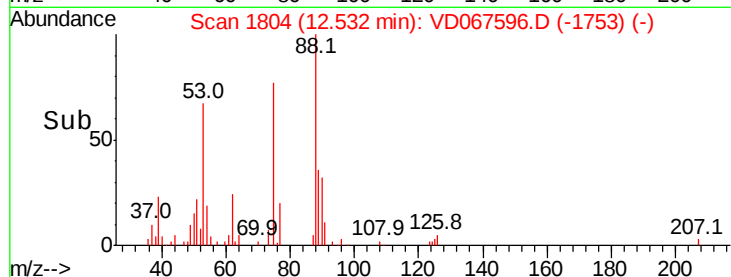
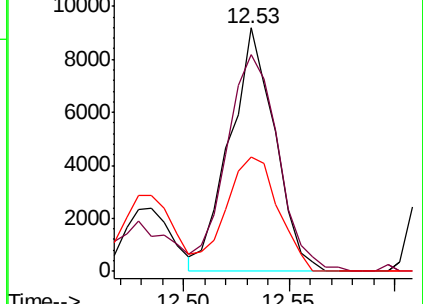
89 54.7 44.6 67.0



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: 22.511 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067596.D

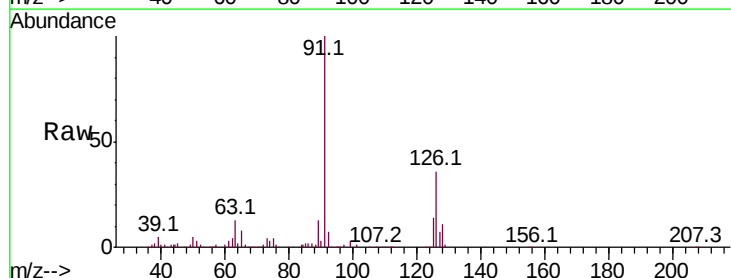
Acq: 11 Nov 2020 12:24

Tgt Ion: 91 Resp: 211005

Ion Ratio Lower Upper

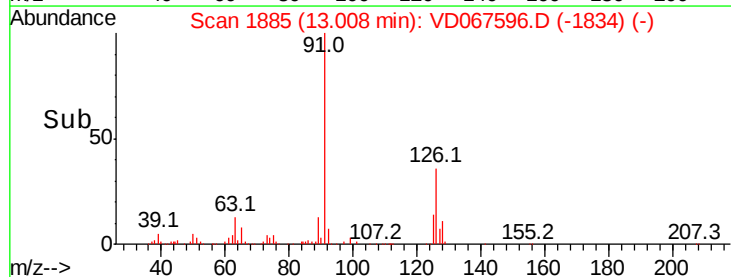
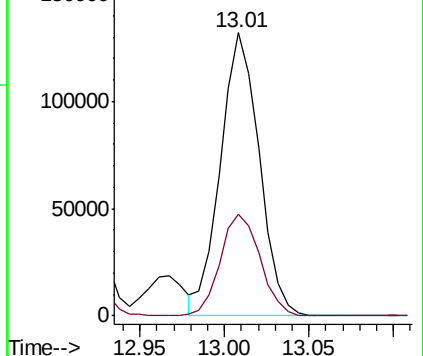
91 100

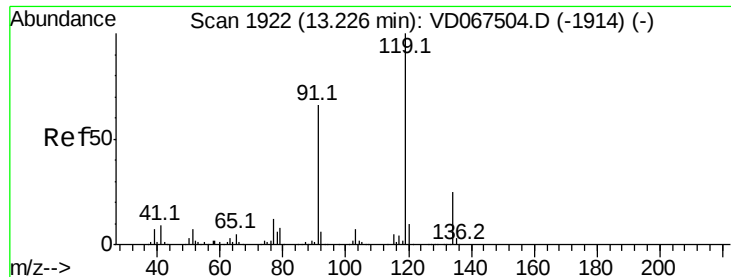
126 36.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

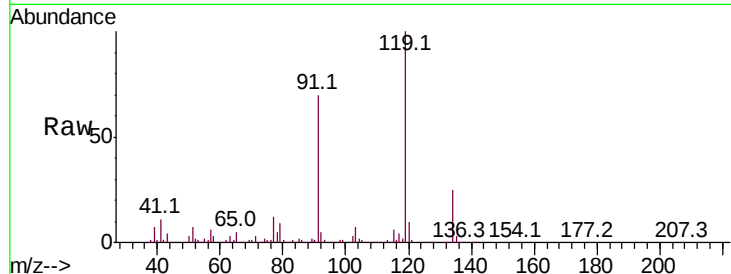




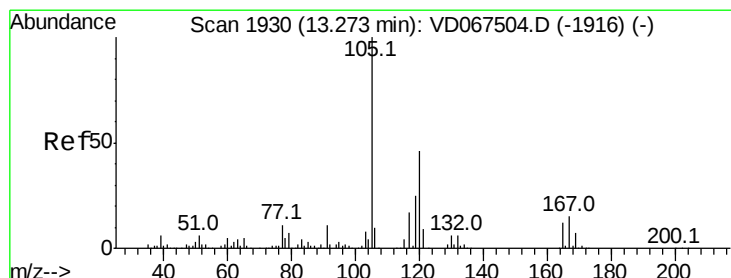
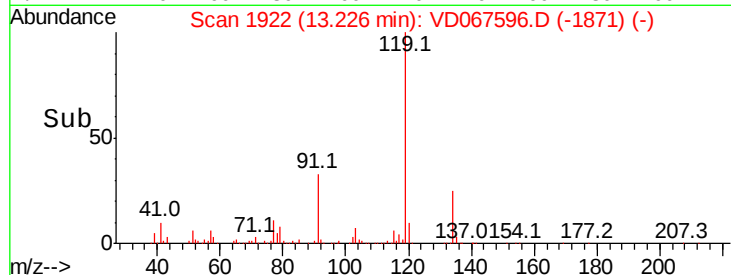
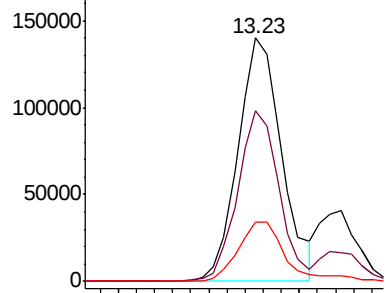
#83
tert-Butylbenzene
Concen: 24.192 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

Tot Ion:119 Resp: 235584
Ion Ratio Lower Upper
119 100
91 66.0 32.7 98.1
134 26.7 13.4 40.2

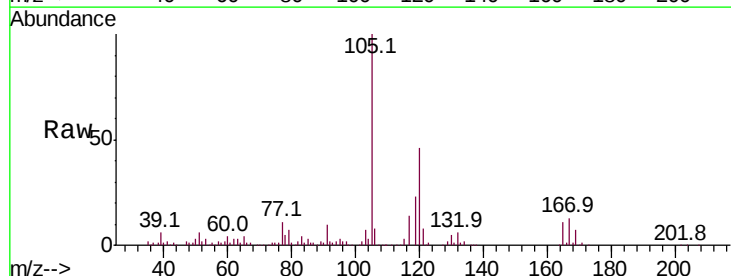


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

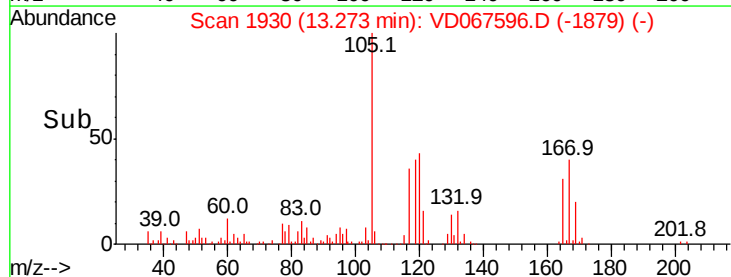
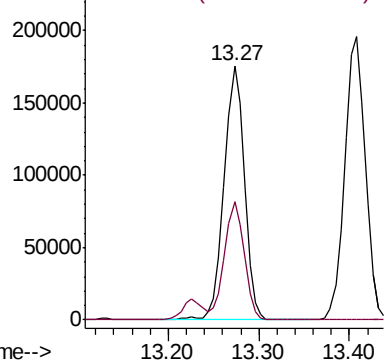


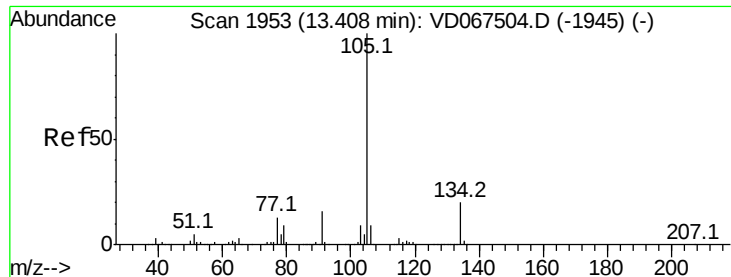
#84
1,2,4-Trimethylbenzene
Concen: 23.908 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion:105 Resp: 273456
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 23.483 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

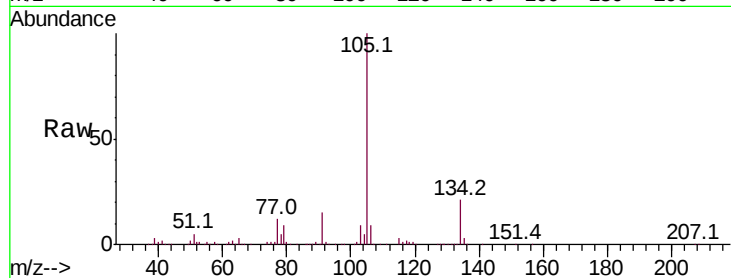
VD1111SBS01

Tot Ion:105 Resp: 308704

Ion Ratio Lower Upper

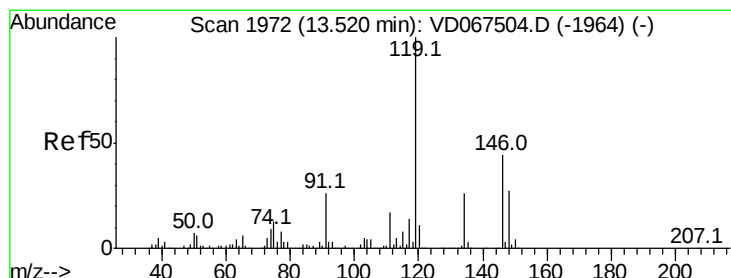
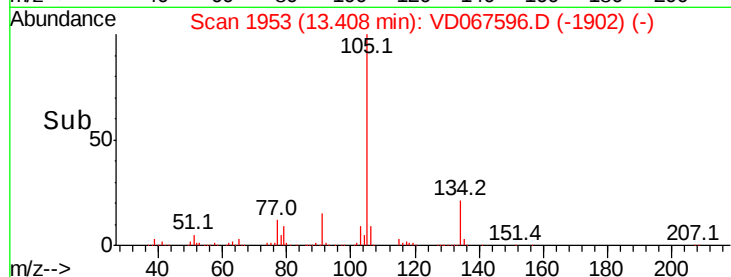
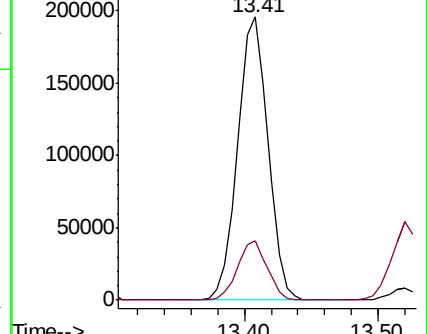
105 100

134 20.4 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: 23.342 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

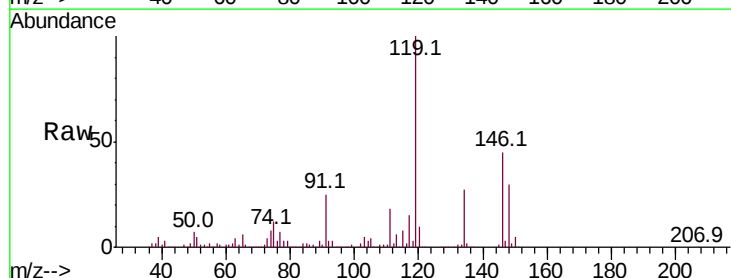
Tgt Ion:119 Resp: 296319

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

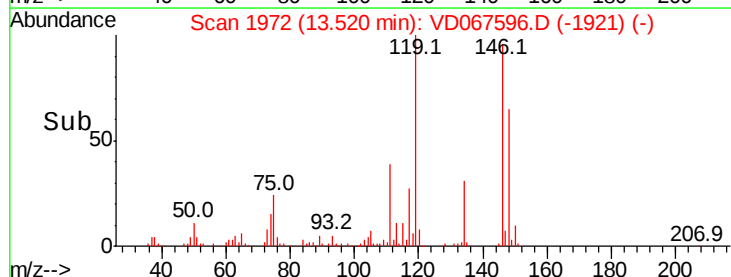
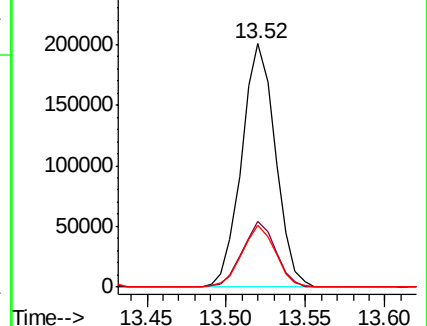
91 25.1 12.2 36.4

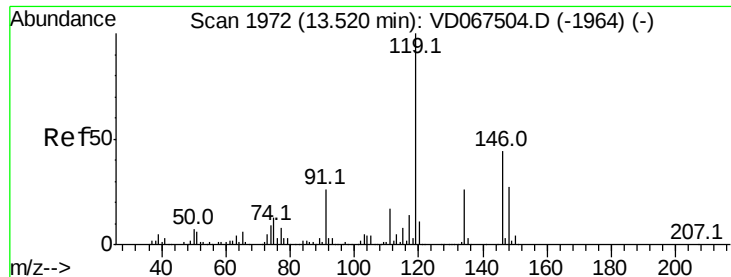


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

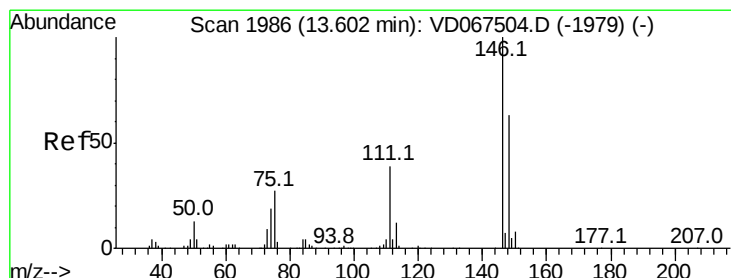
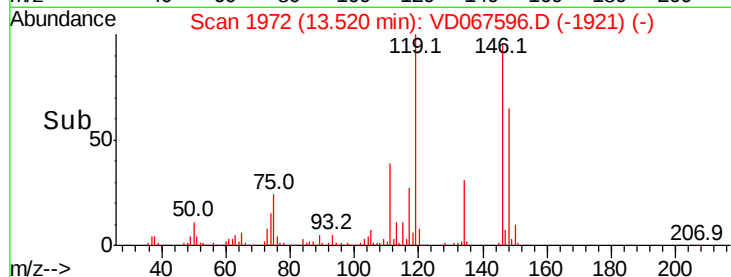
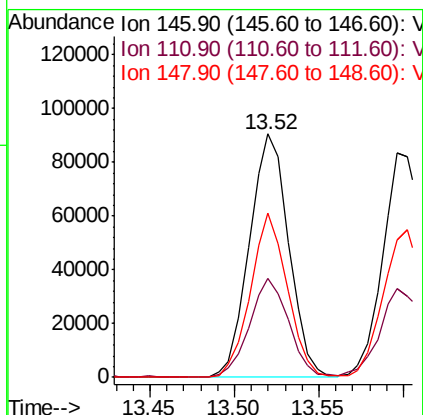
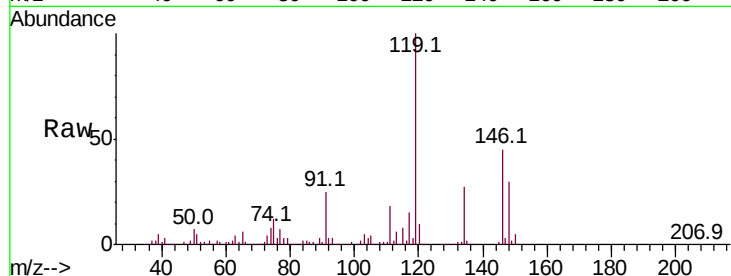




#87
 1,3-Dichlorobenzene
 Concen: 23.299 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

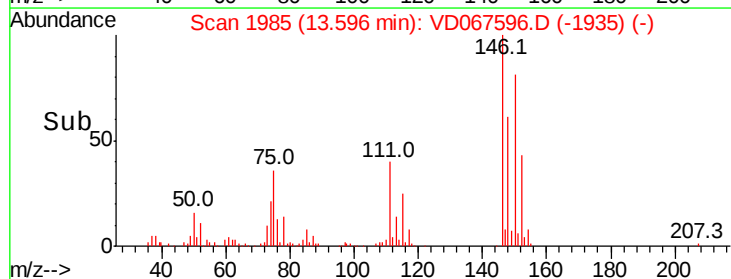
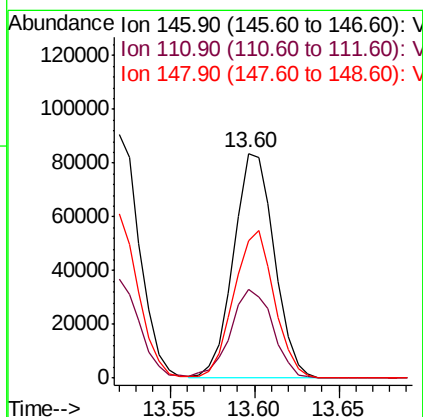
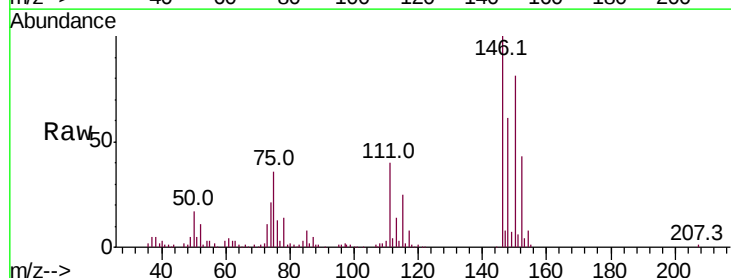
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

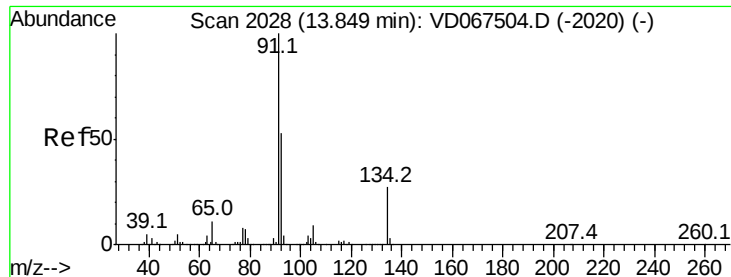
Tot Ion:146 Resp: 146861
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.8
 148 63.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 22.050 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

Tgt Ion:146 Resp: 140737
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.6 58.7
 148 65.0 31.8 95.4

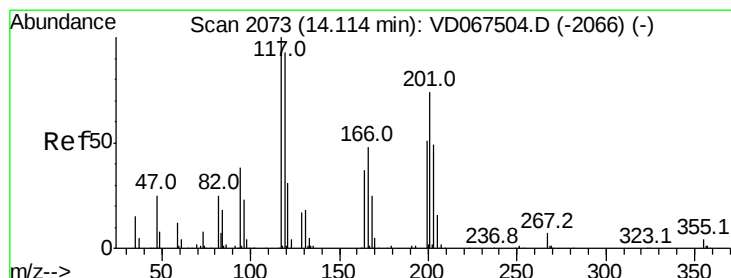
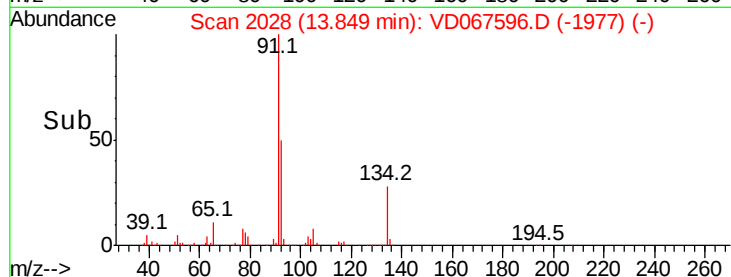
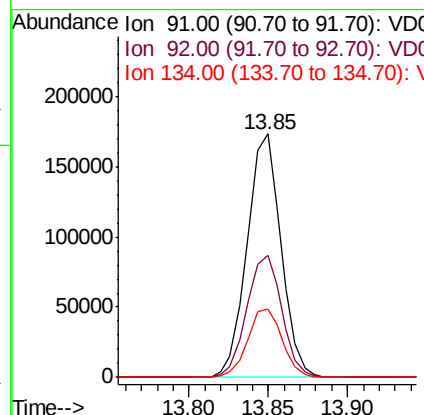
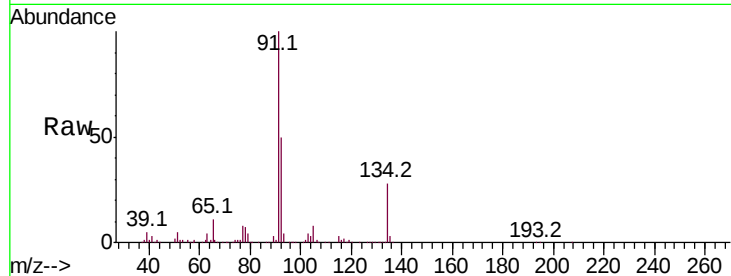




#89
n-Butylbenzene
Concen: 23.490 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

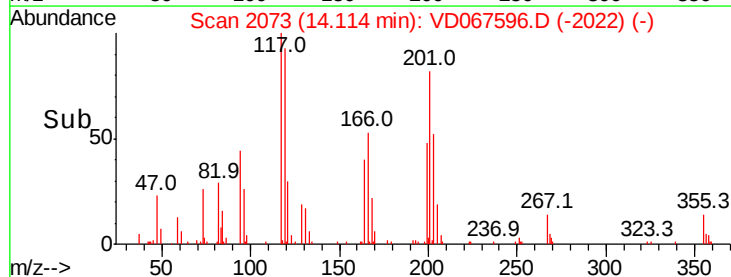
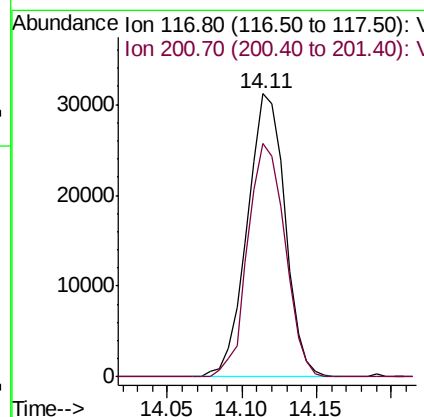
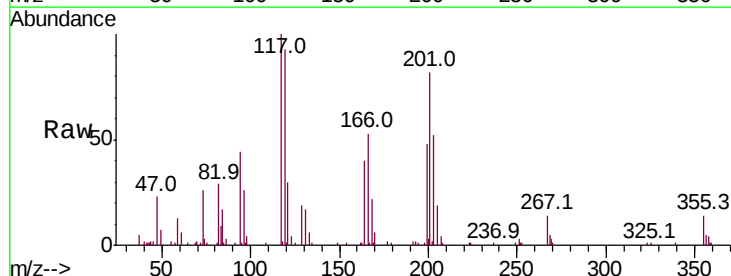
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBS01

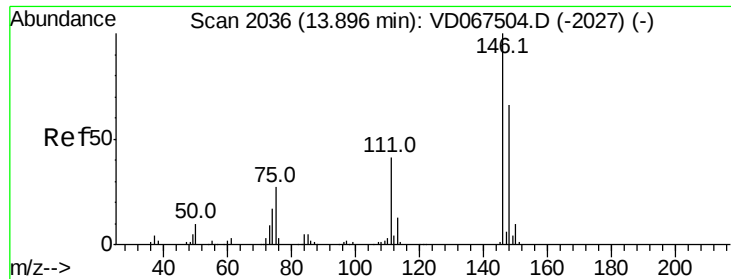
Tot Ion: 91 Resp: 257574
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.8
134 28.7 14.1 42.2



#90
Hexachloroethane
Concen: 22.835 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067596.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 117 Resp: 54591
Ion Ratio Lower Upper
117 100
201 81.2 40.7 122.1

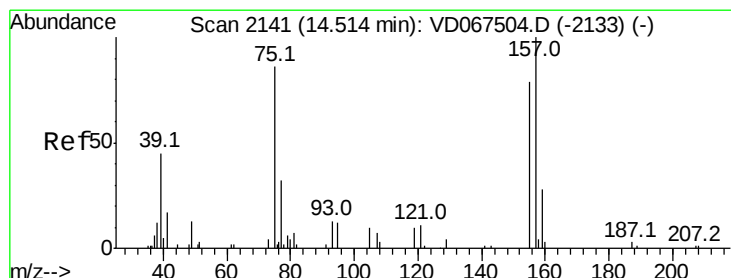
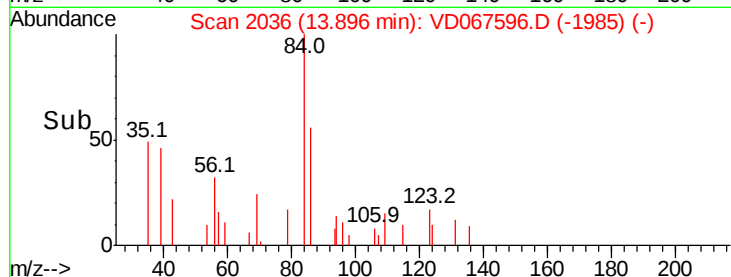
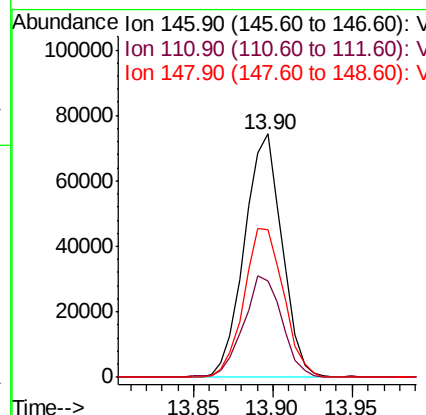
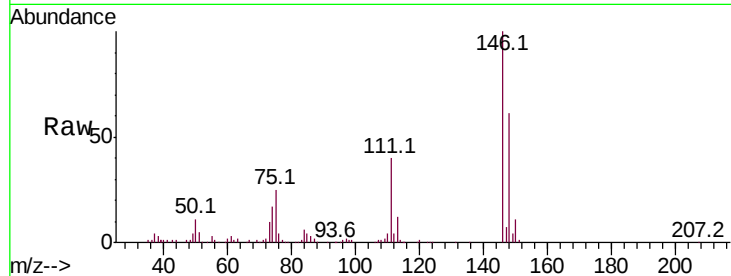




#91
 1,2-Dichlorobenzene
 Concen: 22.451 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

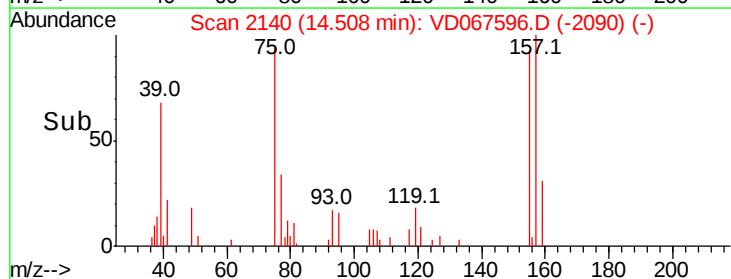
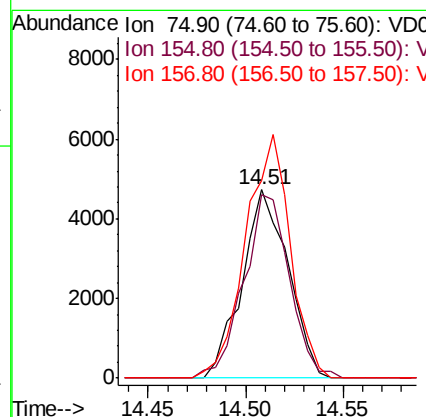
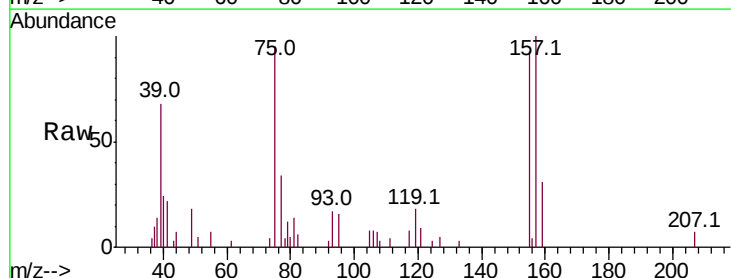
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

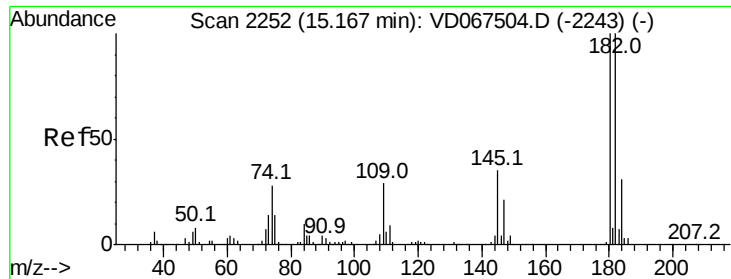
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.7	62.1
148	64.5	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.868 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	46.6	139.8
157	124.8	58.1	174.2

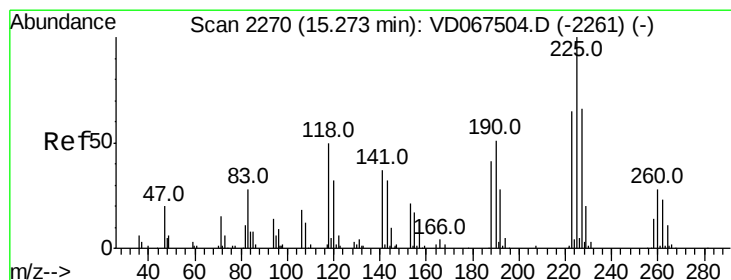
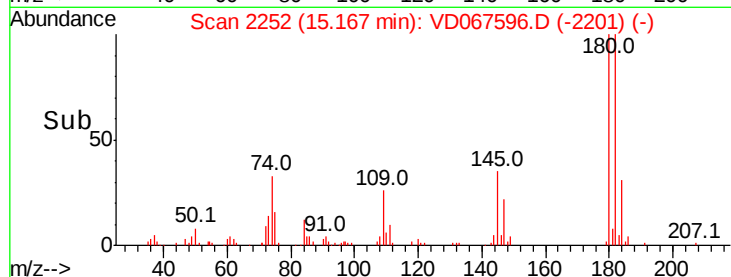
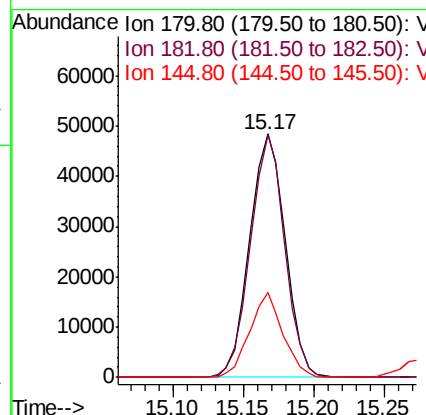
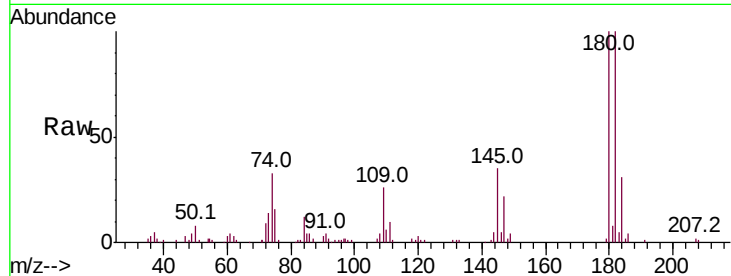




#93
 1,2,4-Trichlorobenzene
 Concen: 23.073 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

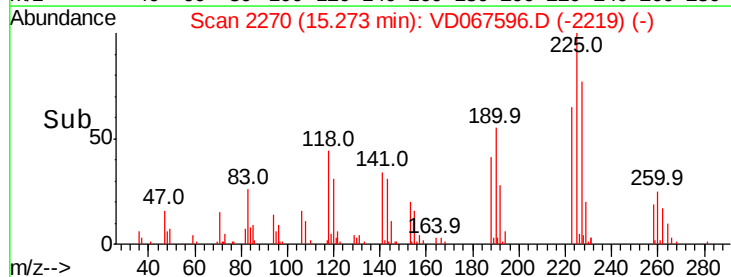
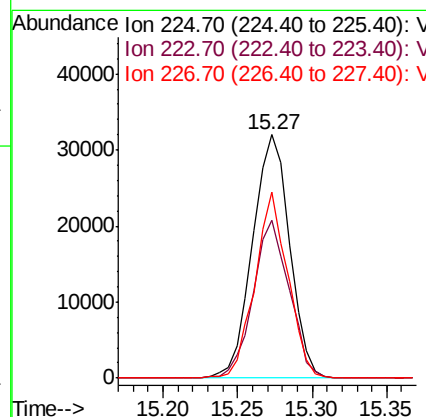
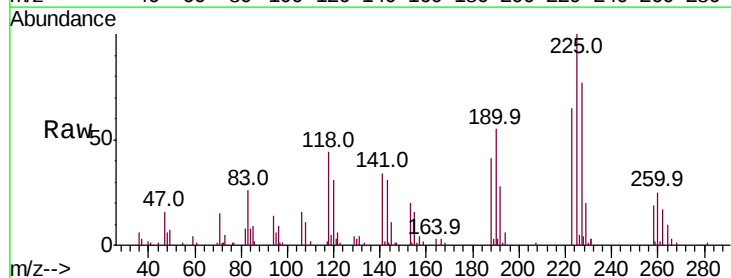
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

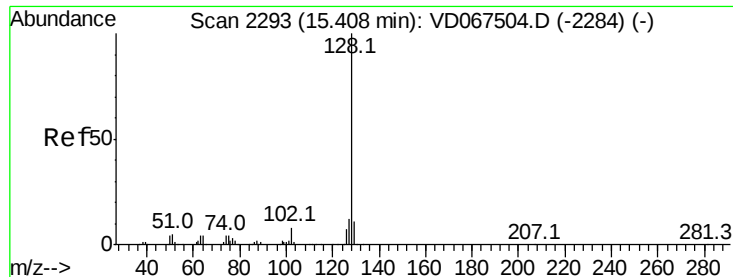
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.3
145	32.4	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 22.125 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067596.D
 Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.5
227	68.1	32.5	97.4





#95

Naphthalene

Concen: 23.557 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBS01

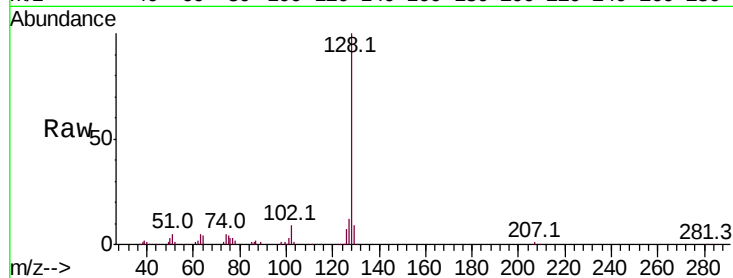
Tot Ion:128 Resp: 134604

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

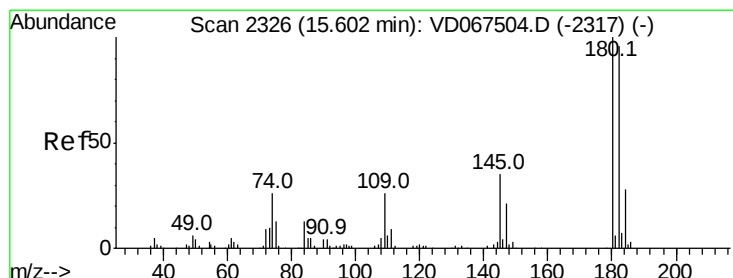
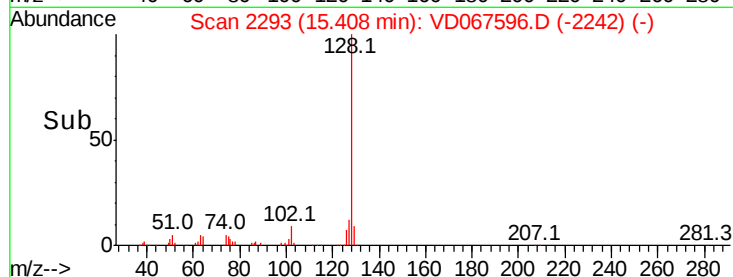
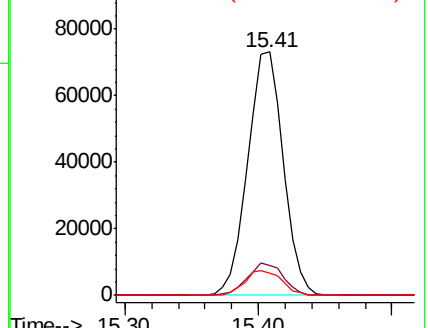
129 10.8 8.9 13.3



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: 23.209 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD067596.D

Acq: 11 Nov 2020 12:24

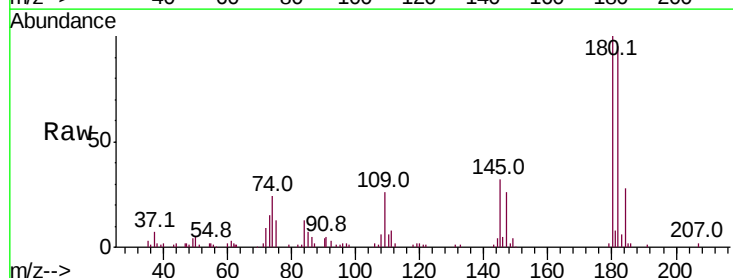
Tgt Ion:180 Resp: 73587

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.8

145 33.1 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

