

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101420\
 Data File : VD067263.D
 Acq On : 14 Oct 2020 11:38
 Operator : VA/SY
 Sample : VD1014SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

Quant Time: Oct 15 06:12:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	335424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	505933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	475494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	169011	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.91	113	168429	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.34	98	614231	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.64	95	215165	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	67503	22.682	ug/l	99
3) Chloromethane	2.21	50	45252	21.436	ug/l	97
4) Vinyl Chloride	2.35	62	49526	21.382	ug/l	94
5) Bromomethane	2.76	94	37916	22.219	ug/l	93
6) Chloroethane	2.92	64	31226	21.647	ug/l	94
7) Trichlorofluoromethane	3.27	101	121328	20.802	ug/l	92
8) Diethyl Ether	3.71	74	26468	19.832	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	65520	21.144	ug/l	99
10) Methyl Iodide	4.30	142	55108	19.279	ug/l	99
11) Tert butyl alcohol	5.21	59	16151	57.296	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	56957	20.575	ug/l	89
13) Acrolein	3.91	56	12615	79.032	ug/l	96
14) Allyl chloride	4.71	41	65974	20.810	ug/l	98
15) Acrylonitrile	5.42	53	44550	100.040	ug/l #	89
16) Acetone	4.16	43	48539	103.136	ug/l #	88
17) Carbon Disulfide	4.40	76	165148	20.926	ug/l	98
18) Methyl Acetate	4.71	43	22411	20.878	ug/l	92
19) Methyl tert-butyl Ether	5.48	73	111099	20.183	ug/l	100
20) Methylene Chloride	4.97	84	67461	19.654	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	66563	20.894	ug/l	98
22) Diisopropyl ether	6.36	45	128081	22.116	ug/l	98
23) Vinyl Acetate	6.31	43	346272	105.097	ug/l	94
24) 1,1-Dichloroethane	6.26	63	103596	20.897	ug/l	96
25) 2-Butanone	7.21	43	55304	103.088	ug/l #	86
26) 2,2-Dichloropropane	7.21	77	102397	20.040	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	73334	21.004	ug/l	98
28) Bromochloromethane	7.54	49	32316	19.112	ug/l	95
29) Tetrahydrofuran	7.56	42	31465	105.512	ug/l	93
30) Chloroform	7.71	83	125670	21.221	ug/l	97
31) Cyclohexane	7.98	56	78170	20.196	ug/l	90
32) 1,1,1-Trichloroethane	7.91	97	120627	20.760	ug/l	99
36) 1,1-Dichloropropene	8.11	75	91718	21.389	ug/l	99
37) Ethyl Acetate	7.30	43	26562	21.054	ug/l	100
38) Carbon Tetrachloride	8.09	117	111436	20.333	ug/l	99

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 QLast Update : Wed Oct 14 03:30:30 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	87906	19.609	ug/l	95
40) Benzene	8.35	78	253247	21.527	ug/l	100
41) Methacrylonitrile	7.52	41	15094	22.139	ug/l #	81
42) 1,2-Dichloroethane	8.43	62	78224	21.248	ug/l	100
43) Isopropyl Acetate	8.45	43	51835	20.706	ug/l	99
44) Trichloroethene	9.11	130	83258	22.105	ug/l	94
45) 1,2-Dichloropropane	9.39	63	57746	21.180	ug/l	95
46) Dibromomethane	9.48	93	34452	20.282	ug/l	97
47) Bromodichloromethane	9.67	83	94661	20.799	ug/l	97
48) Methyl methacrylate	9.46	41	23575	19.378	ug/l	98
49) 1,4-Dioxane	9.47	88	7129	415.935	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	127867	102.406	ug/l	98
52) Toluene	10.41	92	170642	21.297	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	82518	20.640	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	96887	20.707	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	49793	21.496	ug/l #	91
56) Ethyl methacrylate	10.66	69	50182	20.889	ug/l	96
57) 1,3-Dichloropropane	10.95	76	80272	21.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	124049	100.656	ug/l	97
59) 2-Hexanone	10.99	43	88240	103.419	ug/l	99
60) Dibromochloromethane	11.14	129	70958	21.005	ug/l	98
61) 1,2-Dibromoethane	11.25	107	48453	21.218	ug/l	97
64) Tetrachloroethene	10.88	164	70852	20.566	ug/l	94
65) Chlorobenzene	11.67	112	188909	20.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	75274	20.771	ug/l	98
67) Ethyl Benzene	11.75	91	320996	20.537	ug/l	97
68) m/p-Xylenes	11.86	106	257640	42.805	ug/l	97
69) o-Xylene	12.18	106	113305	20.329	ug/l	97
70) Styrene	12.20	104	204381	21.302	ug/l	98
71) Bromoform	12.37	173	40533	20.820	ug/l #	99
73) Isopropylbenzene	12.48	105	327724	21.448	ug/l	99
74) N-amyl acetate	12.30	43	48074	20.831	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	46727	19.958	ug/l	93
76) 1,2,3-Trichloropropane	12.79	75	67307	40.335	ug/l #	100
77) Bromobenzene	12.77	156	80953	21.250	ug/l	98
78) n-propylbenzene	12.83	91	377151	21.303	ug/l	100
79) 2-Chlorotoluene	12.91	91	212973	20.744	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	280058	21.091	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	15629	21.239	ug/l	95
82) 4-Chlorotoluene	13.01	91	233932	21.468	ug/l	98
83) tert-Butylbenzene	13.23	119	234527	20.909	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	280735	21.391	ug/l	100
85) sec-Butylbenzene	13.41	105	322667	20.965	ug/l	100
86) p-Isopropyltoluene	13.52	119	313372	21.572	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	152363	20.779	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	156608	21.558	ug/l	99
89) n-Butylbenzene	13.85	91	264990	20.735	ug/l	99
90) Hexachloroethane	14.12	117	51230	20.209	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	134226	20.955	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8630	20.290	ug/l	92

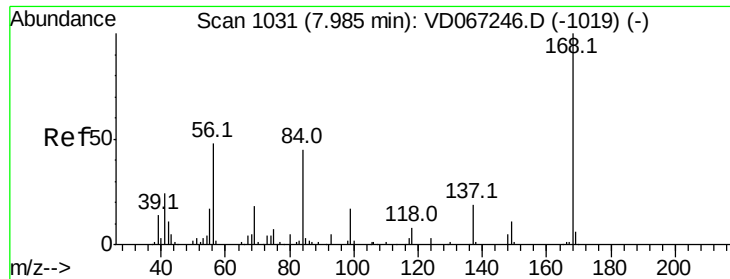
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Quant Title : SW846 8260
QLast Update : Wed Oct 14 03:30:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	89522	20.729	ug/l	99
94) Hexachlorobutadiene	15.28	225	54795	20.431	ug/l	98
95) Naphthalene	15.41	128	139613	19.690	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	79100	21.200	ug/l	96

(#) = 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: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

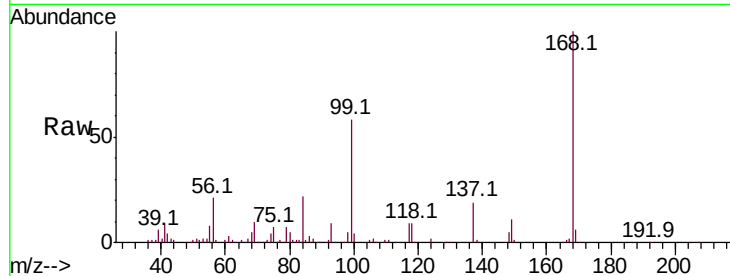
VD1014SBS01

Tot Ion:168 Resp: 335424

Ion Ratio Lower Upper

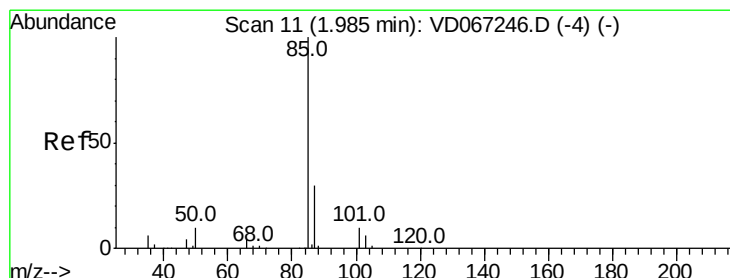
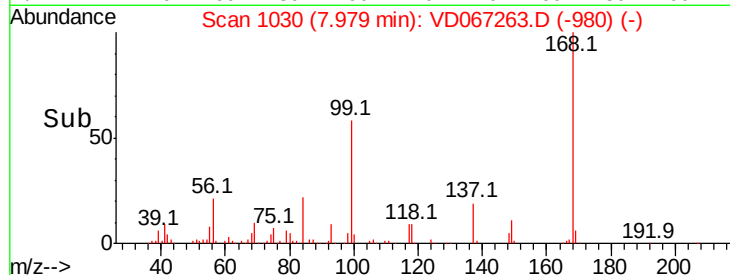
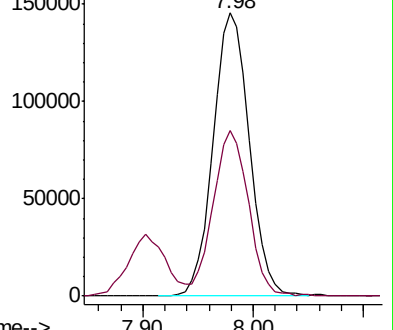
168 100

99 57.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.682 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067263.D

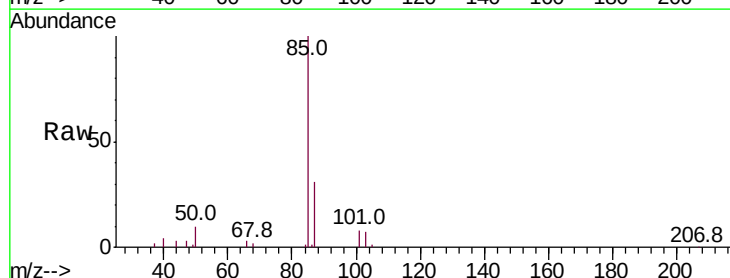
Acq: 14 Oct 2020 11:38

Tgt Ion: 85 Resp: 67503

Ion Ratio Lower Upper

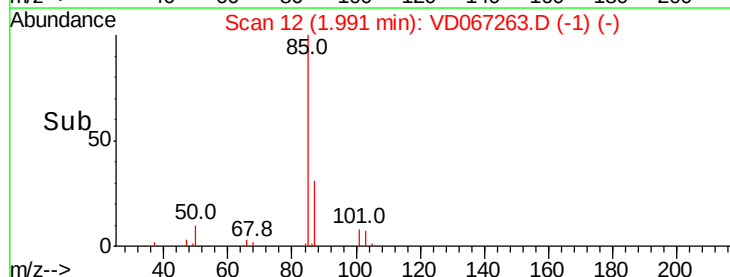
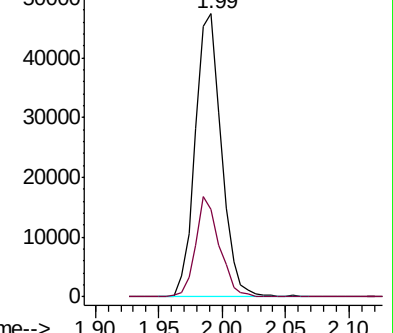
85 100

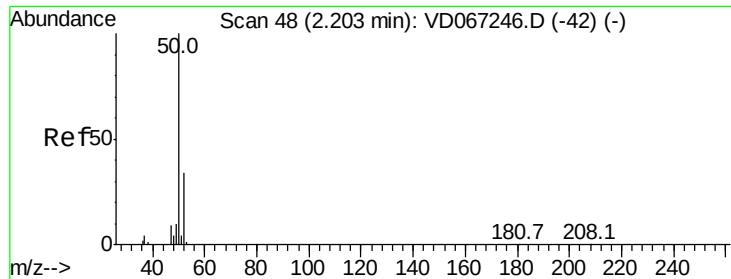
87 31.1 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.436 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

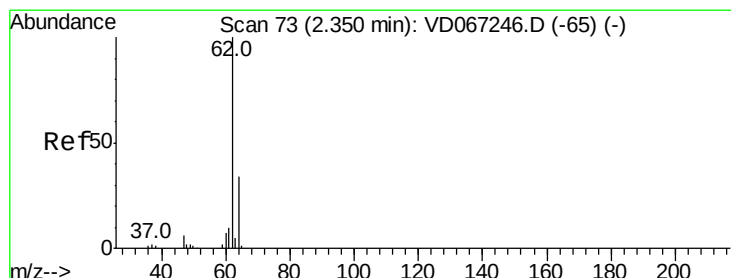
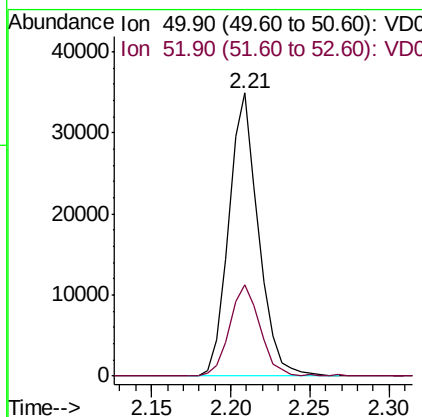
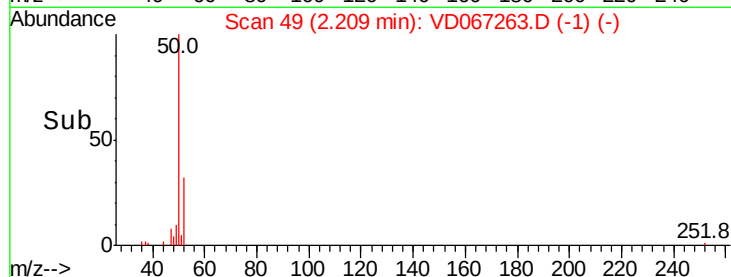
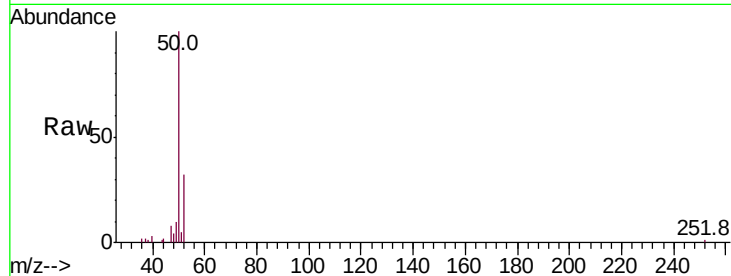
VD1014SBS01

Tot Ion: 50 Resp: 45252

Ion Ratio Lower Upper

50 100

52 32.4 27.1 40.7



#4

Vinyl Chloride

Concen: 21.382 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067263.D

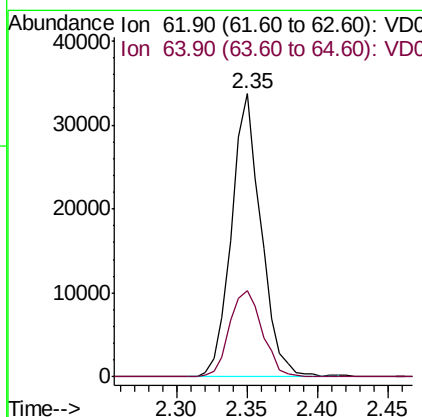
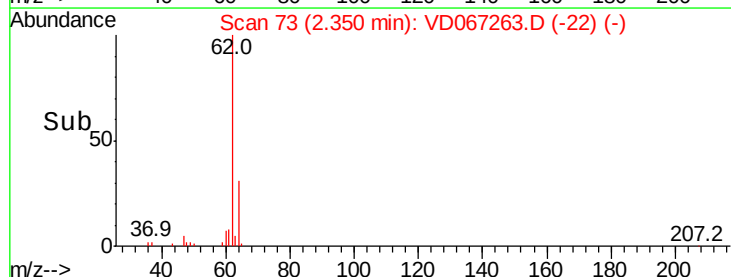
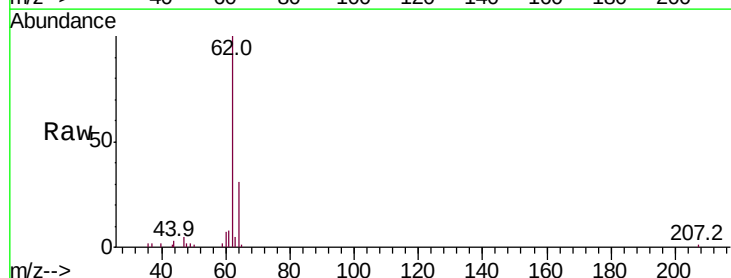
Acq: 14 Oct 2020 11:38

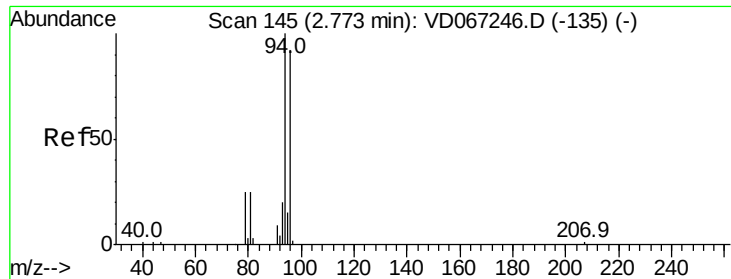
Tgt Ion: 62 Resp: 49526

Ion Ratio Lower Upper

62 100

64 30.5 27.4 41.0





#5

Bromomethane

Concen: 22.219 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

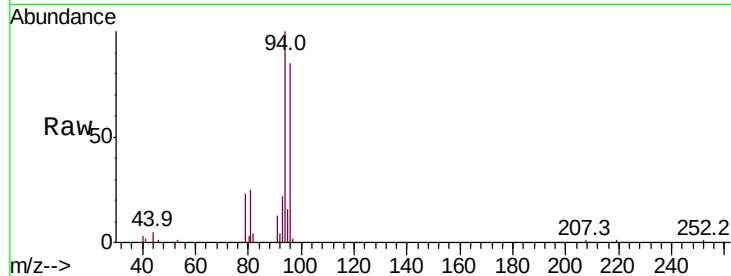
VD1014SBS01

Tot Ion: 94 Resp: 37916

Ion Ratio Lower Upper

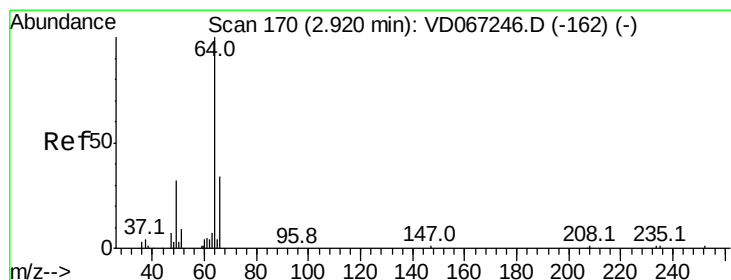
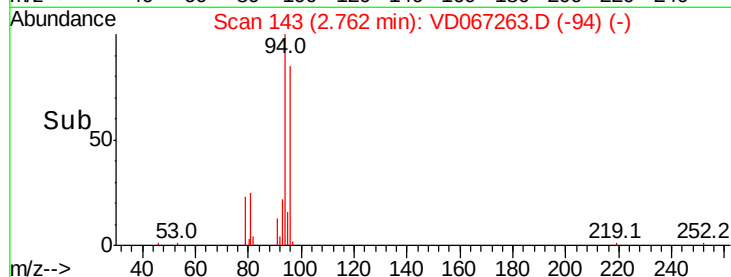
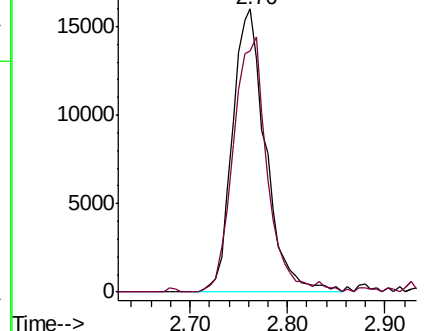
94 100

96 85.2 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.647 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067263.D

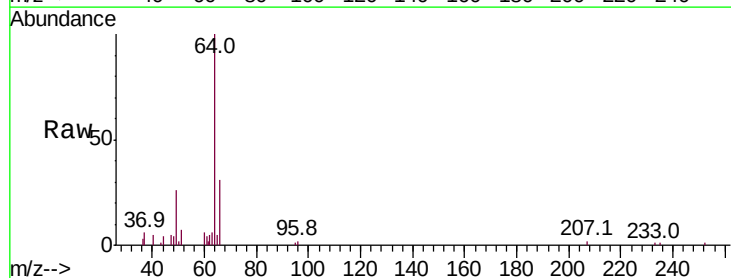
Acq: 14 Oct 2020 11:38

Tgt Ion: 64 Resp: 31226

Ion Ratio Lower Upper

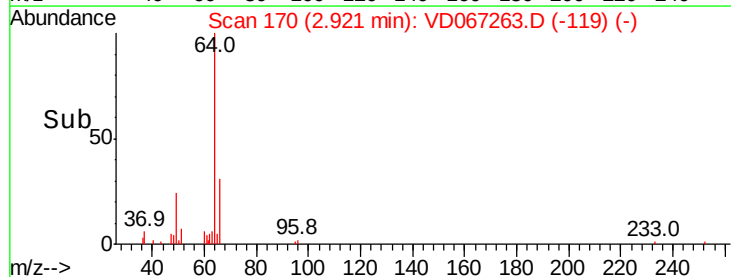
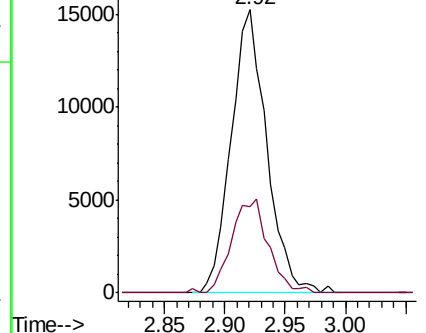
64 100

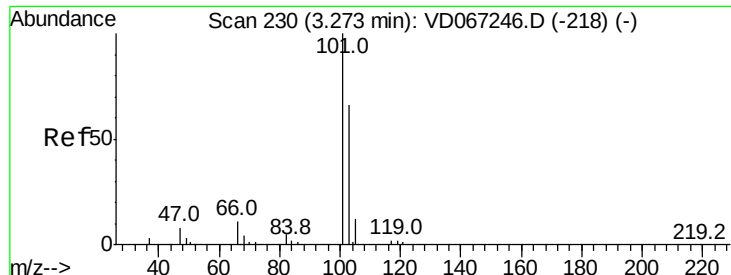
66 30.6 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



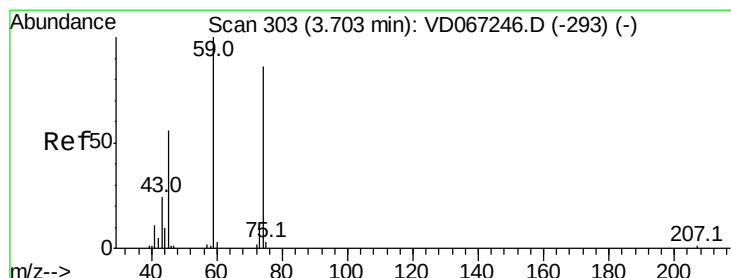
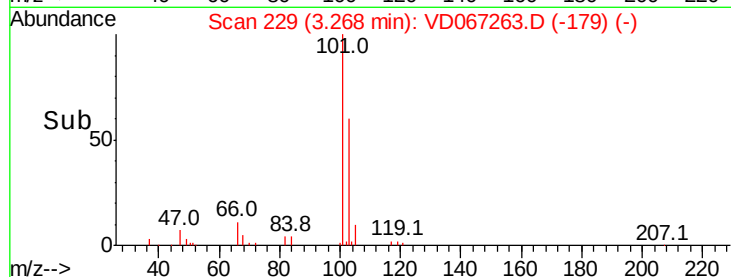
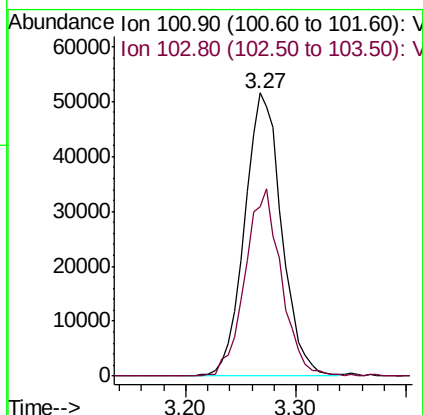
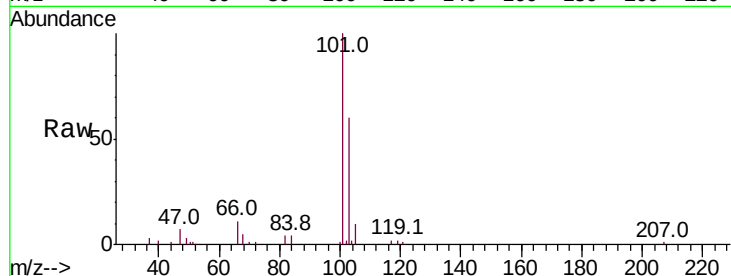


#7

Trichlorofluoromethane
 Concen: 20.802 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

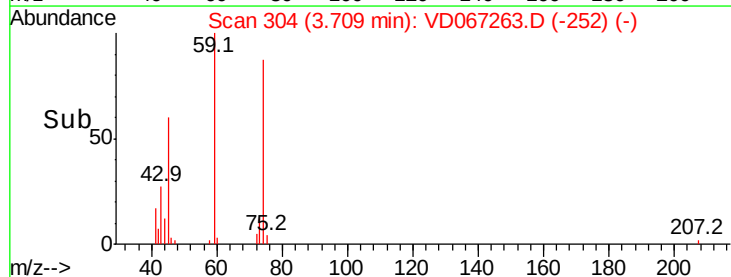
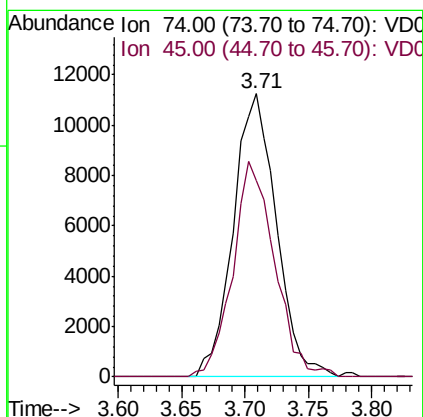
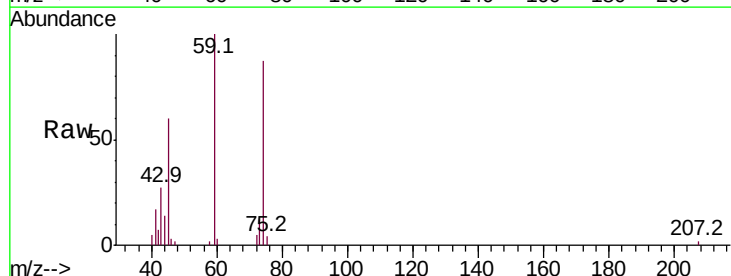
Tot Ion:101 Resp: 121328
 Ion Ratio Lower Upper
 101 100
 103 59.8 53.1 79.7

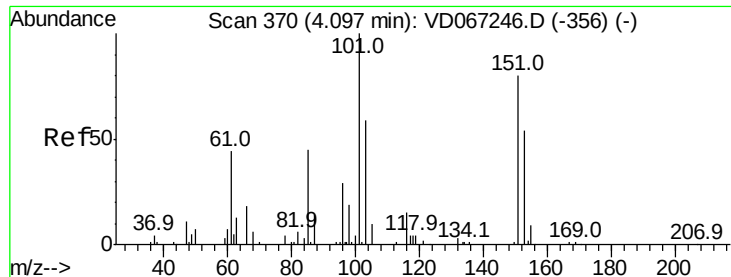


#8

Diethyl Ether
 Concen: 19.832 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Tgt Ion: 74 Resp: 26468
 Ion Ratio Lower Upper
 74 100
 45 74.0 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.144 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

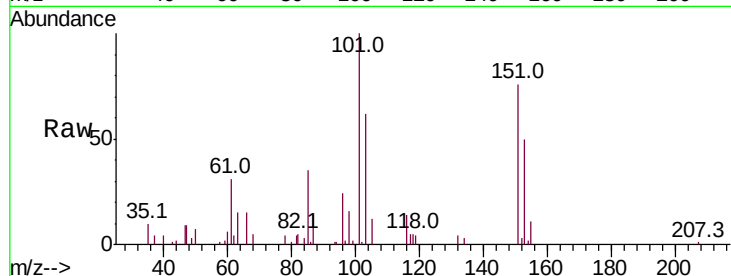
Tot Ion:101 Resp: 65520

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

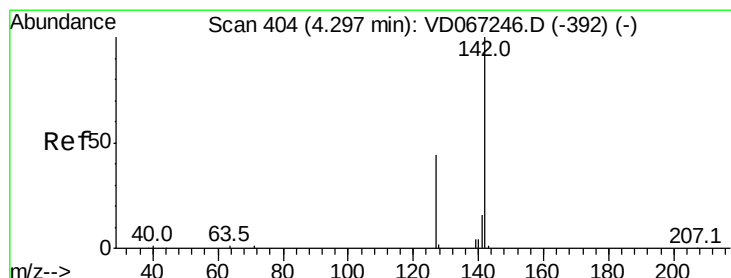
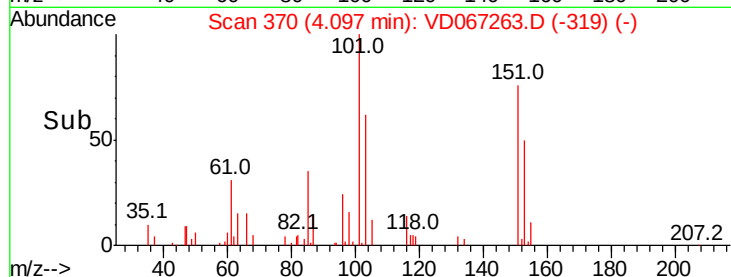
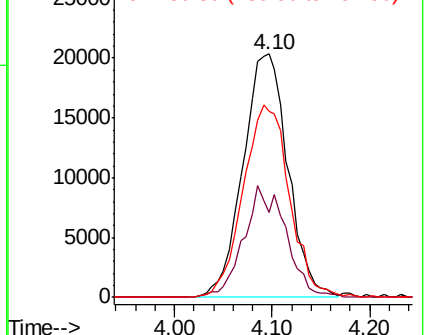
151 81.5 66.3 99.5



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: 19.279 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

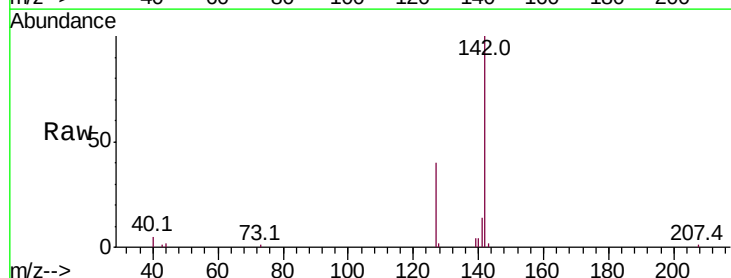
Tgt Ion:142 Resp: 55108

Ion Ratio Lower Upper

142 100

127 47.7 38.4 57.6

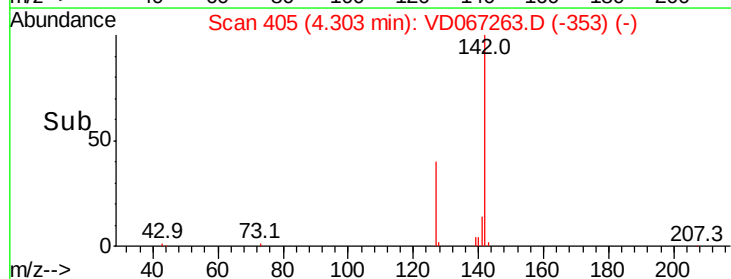
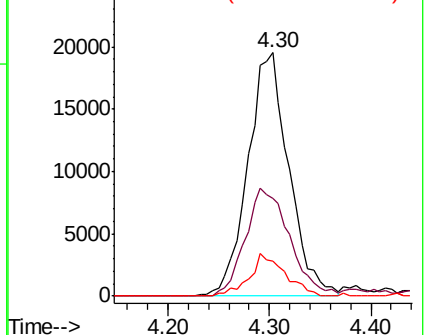
141 15.0 11.6 17.4

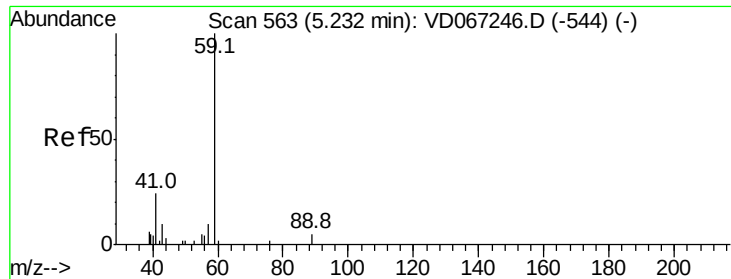


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 57.296 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.02 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

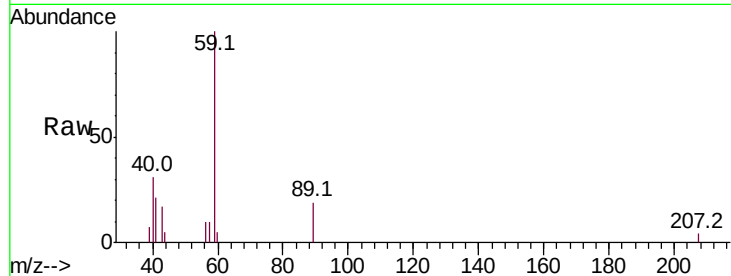
VD1014SBS01

Tot Ion: 59 Resp: 16151

Ion Ratio Lower Upper

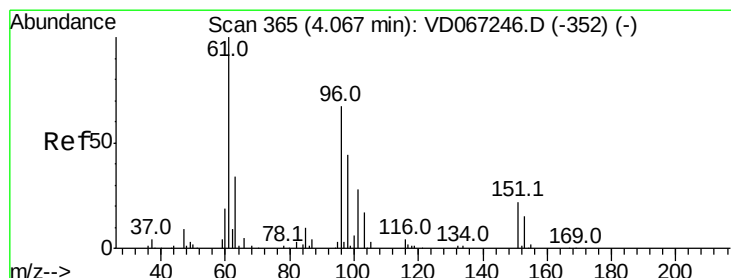
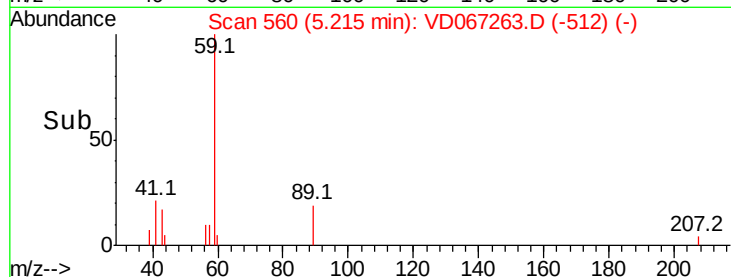
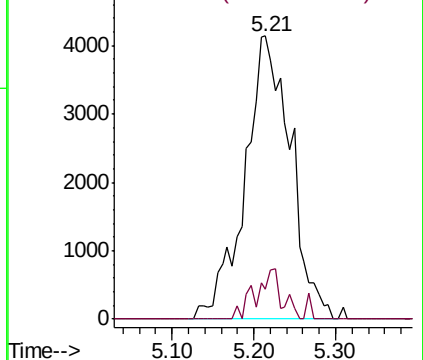
59 100

57 4.3 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.575 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

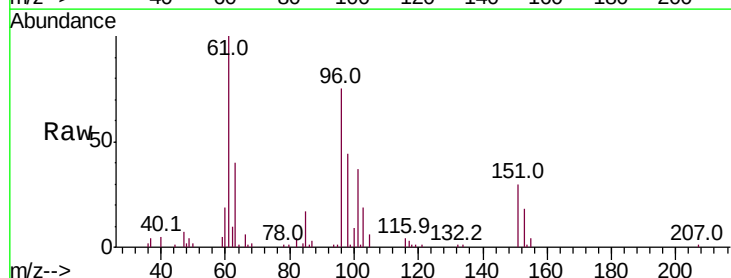
Tgt Ion: 96 Resp: 56957

Ion Ratio Lower Upper

96 100

61 132.6 118.6 177.8

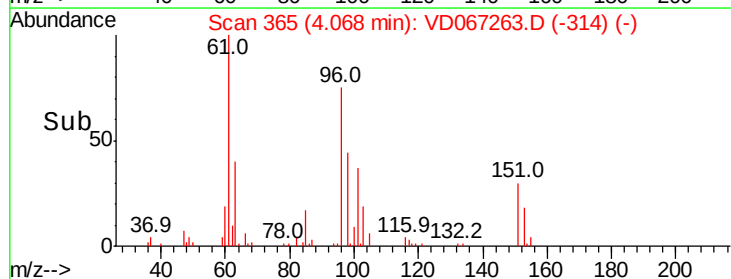
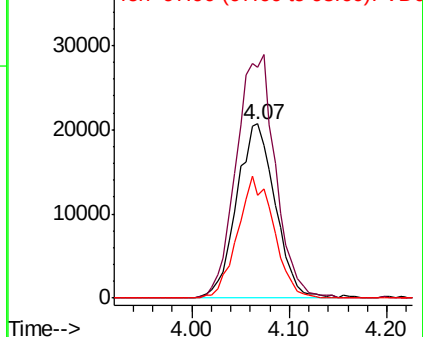
98 58.8 51.8 77.6

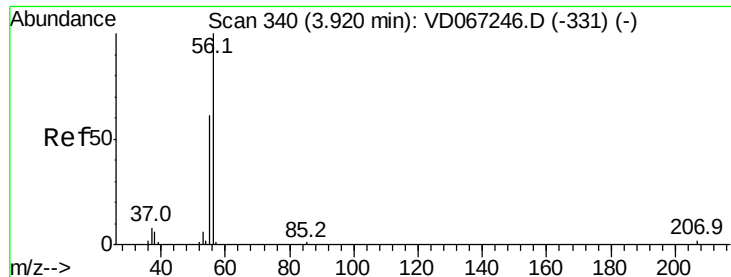


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 79.032 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

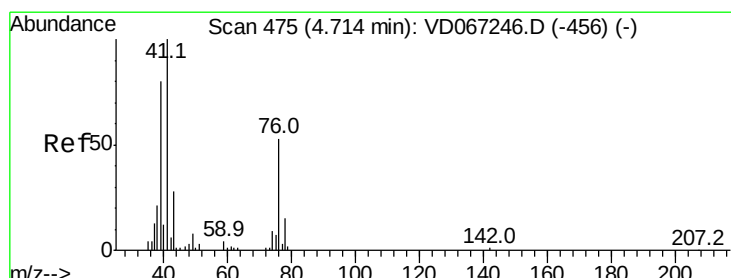
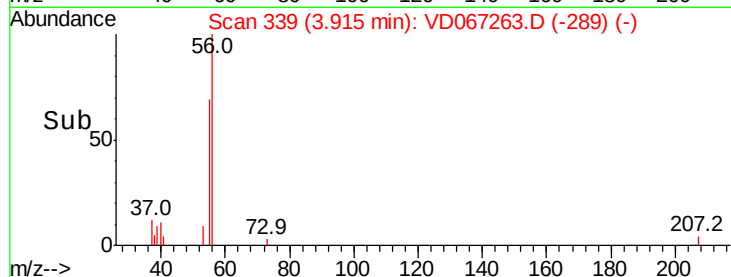
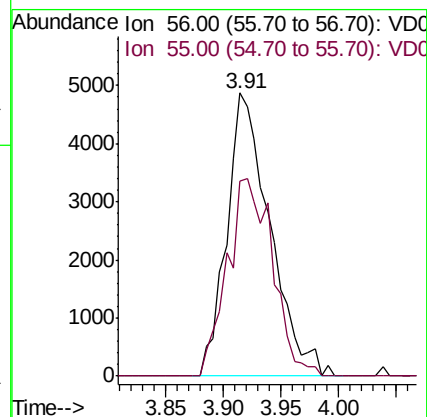
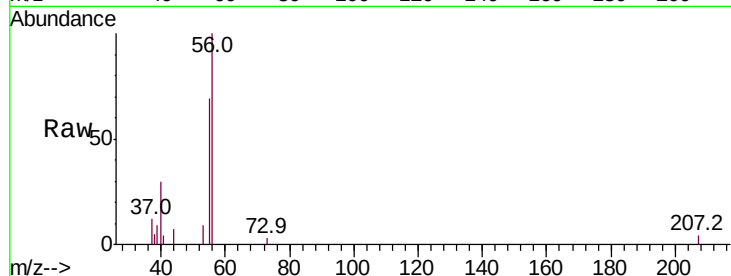
VD1014SBS01

Tot Ion: 56 Resp: 12615

Ion Ratio Lower Upper

56 100

55 73.3 56.0 84.0



#14

Allyl chloride

Concen: 20.810 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

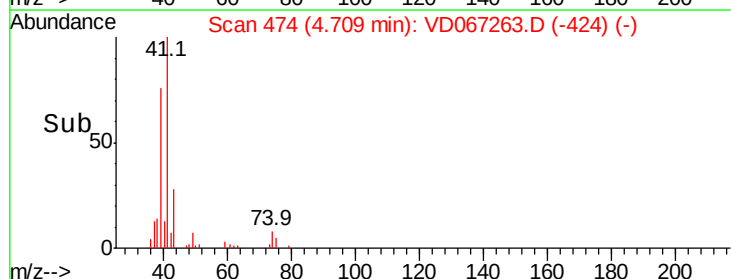
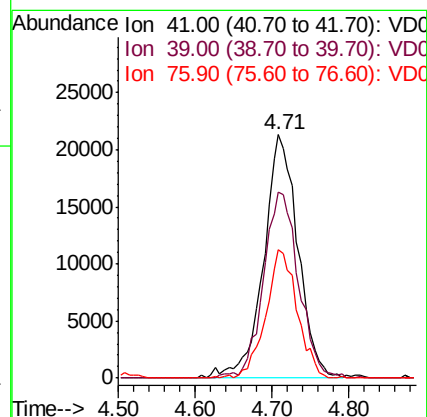
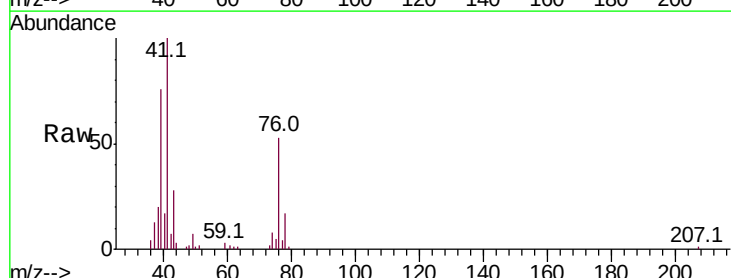
Tgt Ion: 41 Resp: 65974

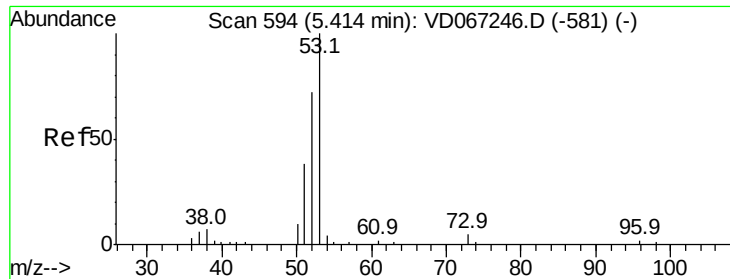
Ion Ratio Lower Upper

41 100

39 78.6 63.8 95.6

76 48.5 40.4 60.6





#15

Acrylonitrile

Concen: 100.040 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

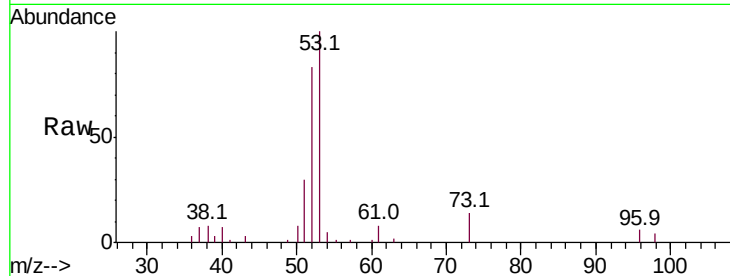
Tot Ion: 53 Resp: 44550

Ion Ratio Lower Upper

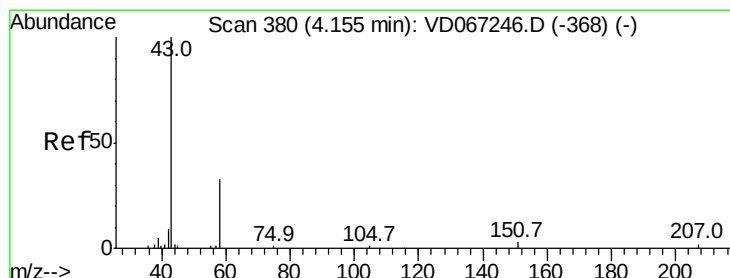
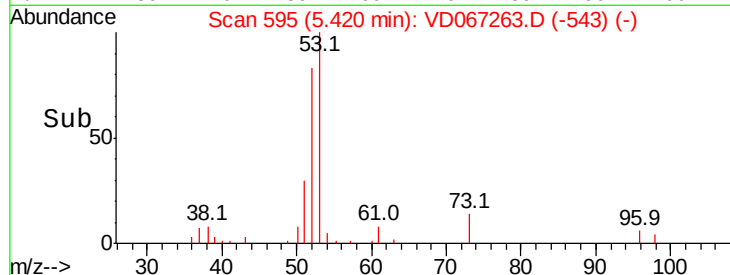
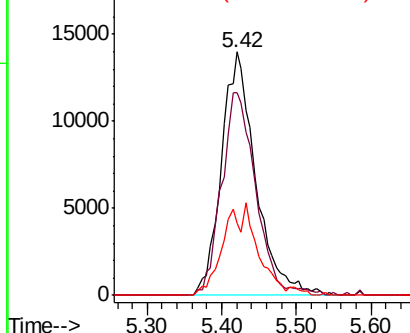
53 100

52 83.6 65.6 98.4

51 20.8 30.8 46.2#



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



#16

Acetone

Concen: 103.136 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067263.D

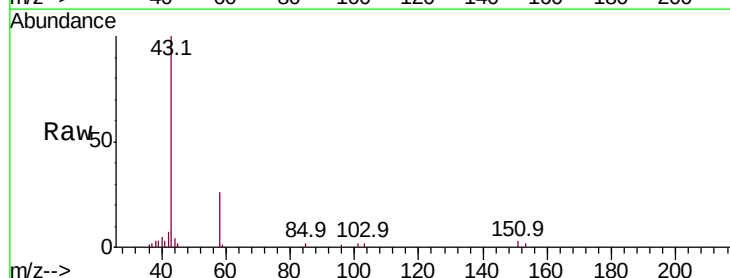
Acq: 14 Oct 2020 11:38

Tgt Ion: 43 Resp: 48539

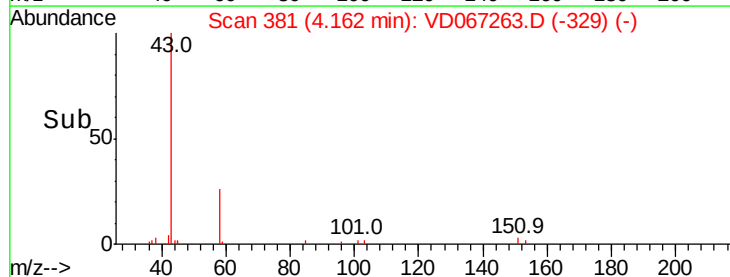
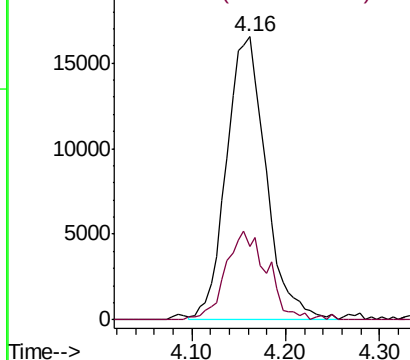
Ion Ratio Lower Upper

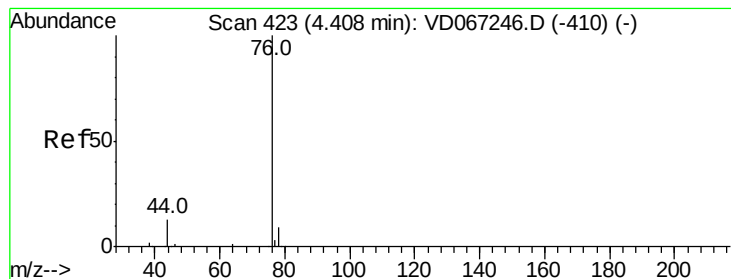
43 100

58 25.8 26.1 39.1#



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





#17

Carbon Disulfide

Concen: 20.926 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

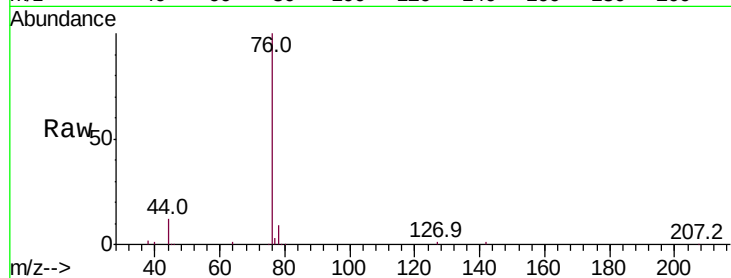
VD1014SBS01

Tot Ion: 76 Resp: 165148

Ion Ratio Lower Upper

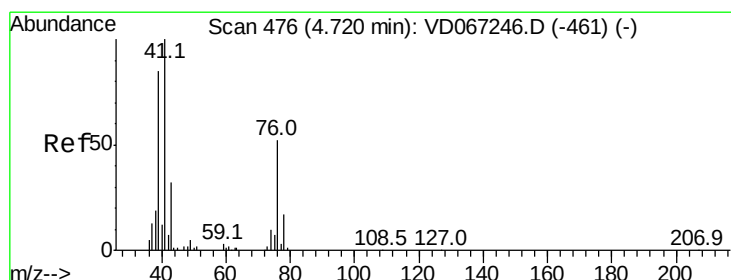
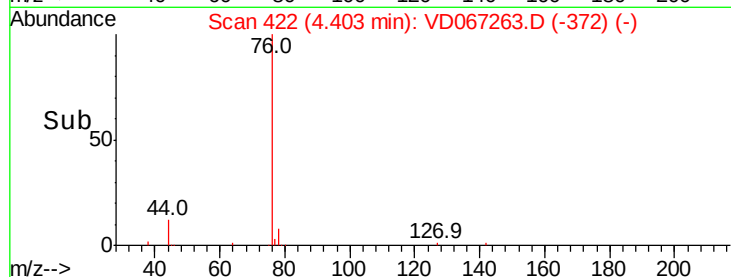
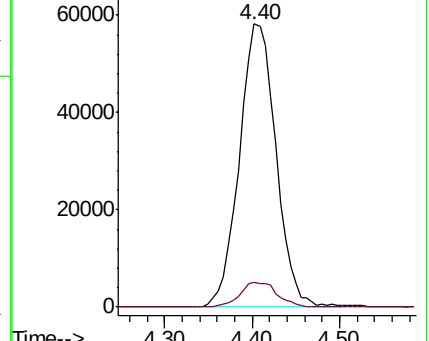
76 100

78 8.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 20.878 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067263.D

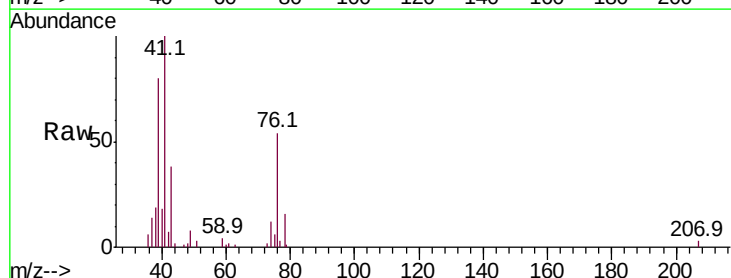
Acq: 14 Oct 2020 11:38

Tgt Ion: 43 Resp: 22411

Ion Ratio Lower Upper

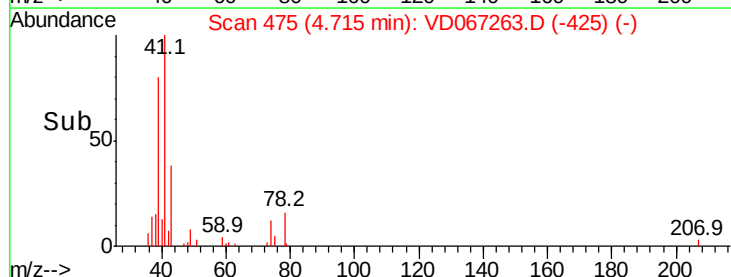
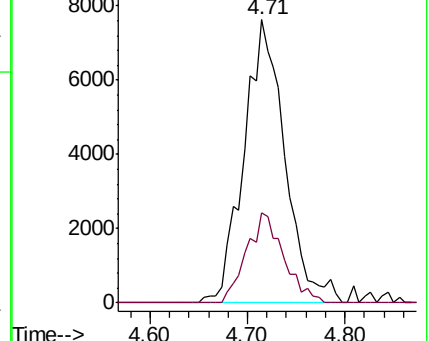
43 100

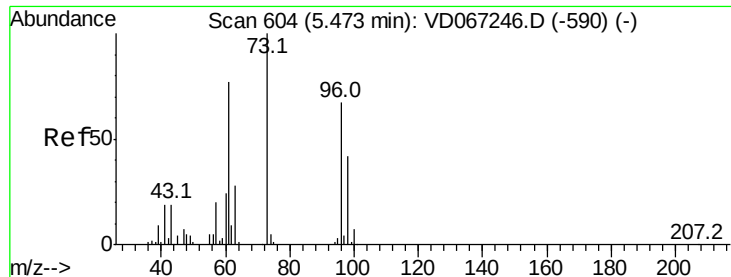
74 28.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

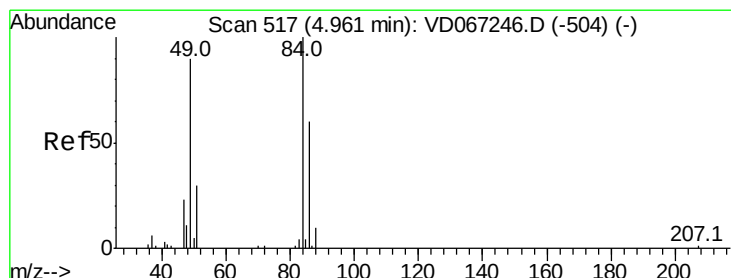
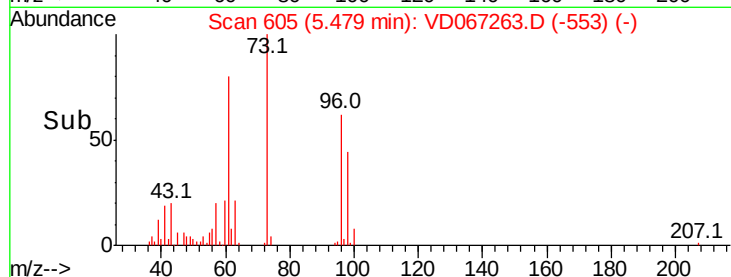
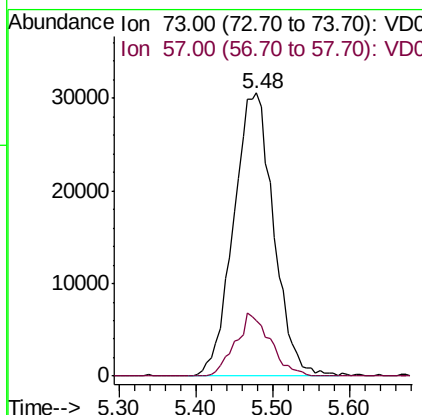
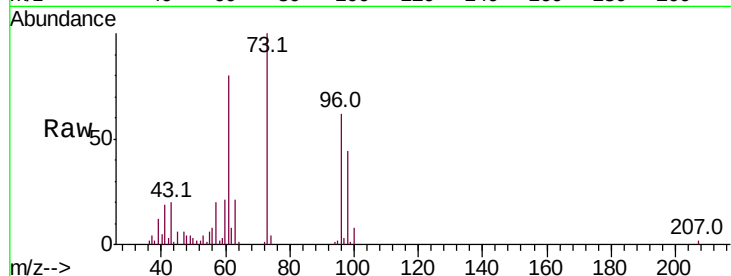




#19
Methyl tert-butyl Ether
Concen: 20.183 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

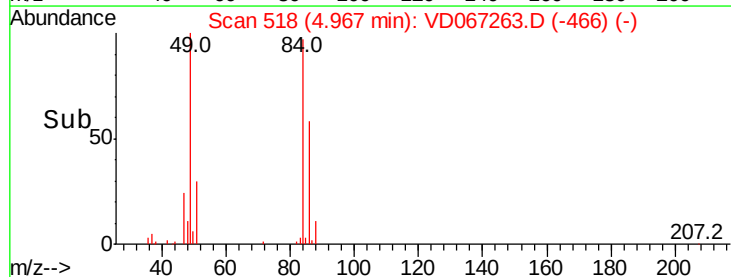
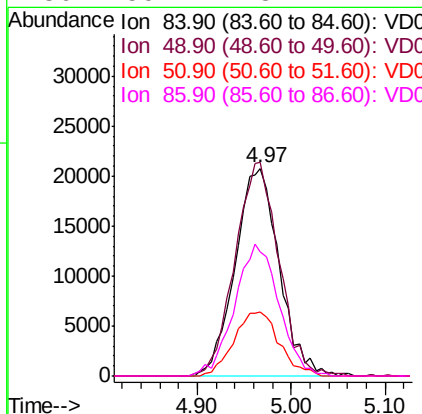
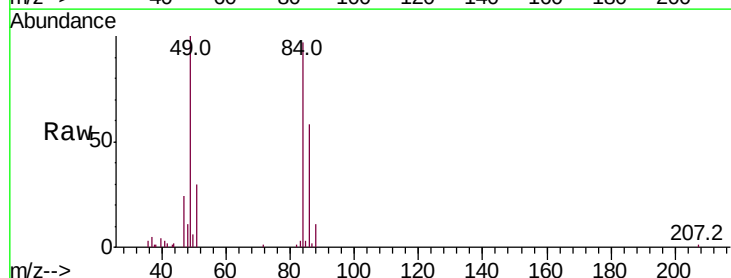
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

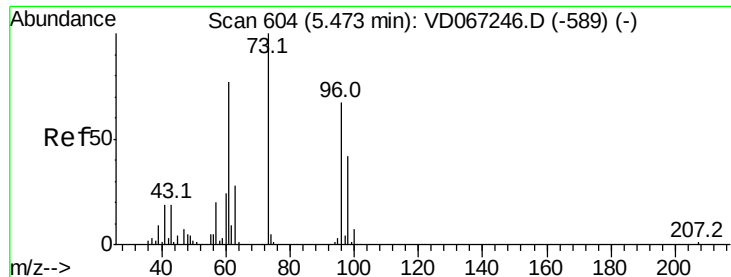
Tot Ion: 73 Resp: 111099
Ion Ratio Lower Upper
73 100
57 19.8 15.7 23.5



#20
Methylene Chloride
Concen: 19.654 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion: 84 Resp: 67461
Ion Ratio Lower Upper
84 100
49 103.0 72.2 108.2
51 30.6 23.8 35.8
86 59.7 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.894 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

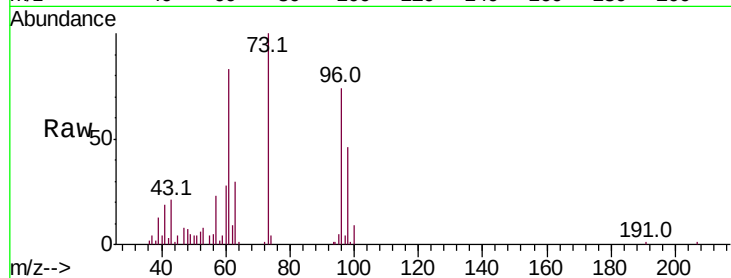
Tot Ion: 96 Resp: 66563

Ion Ratio Lower Upper

96 100

61 112.0 92.0 138.0

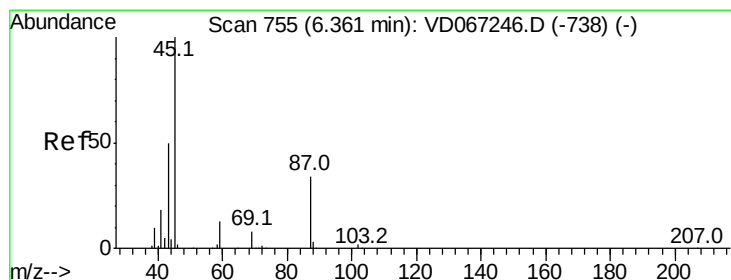
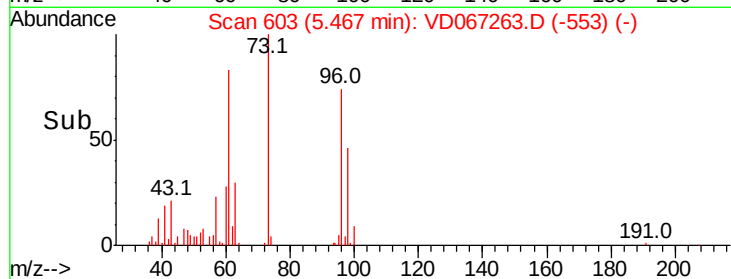
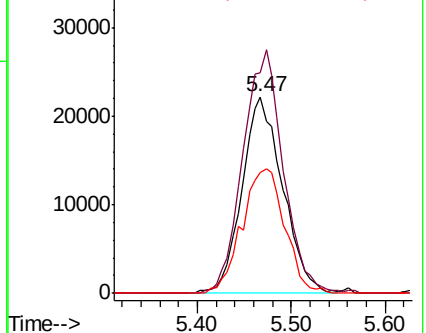
98 61.6 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 22.116 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Tgt Ion: 45 Resp: 128081

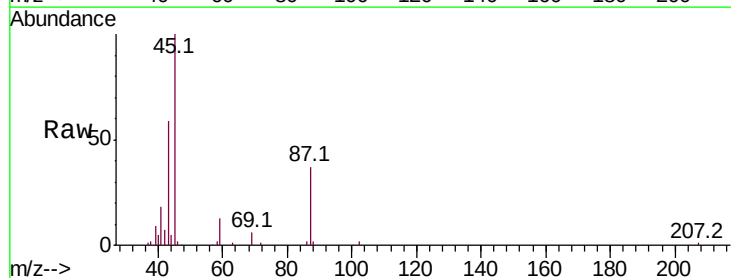
Ion Ratio Lower Upper

45 100

43 58.1 48.0 72.0

87 36.6 28.5 42.7

59 12.9 10.5 15.7

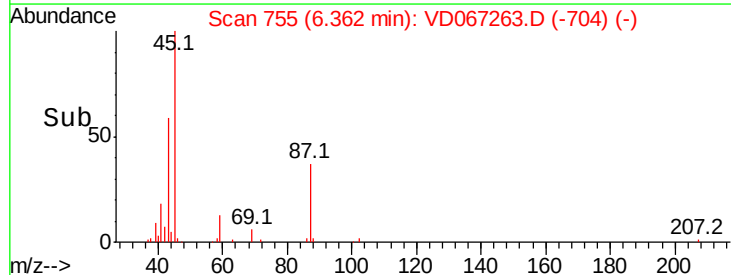
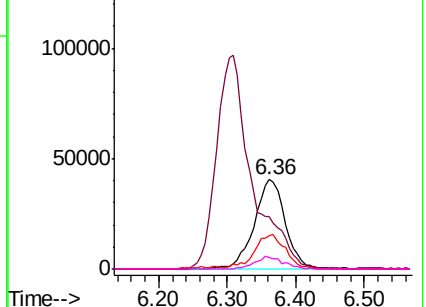


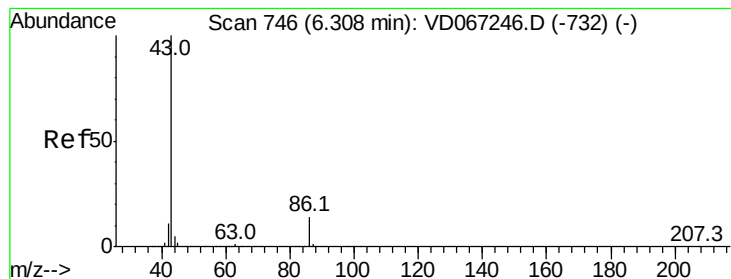
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 105.097 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

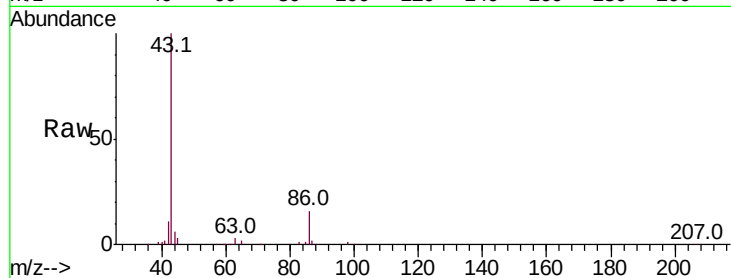
VD1014SBS01

Tot Ion: 43 Resp: 346272

Ion Ratio Lower Upper

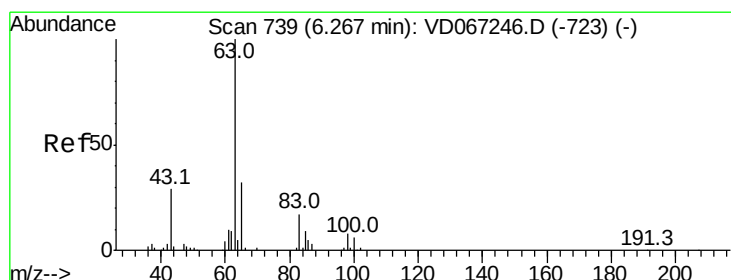
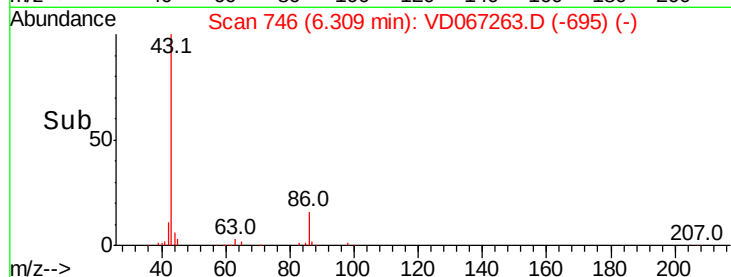
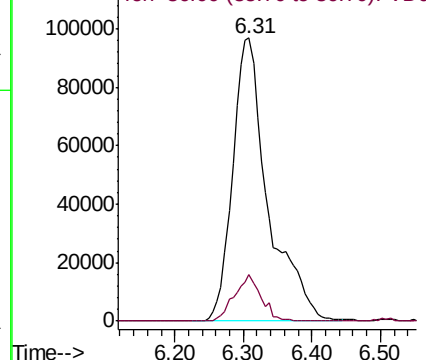
43 100

86 16.4 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.897 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

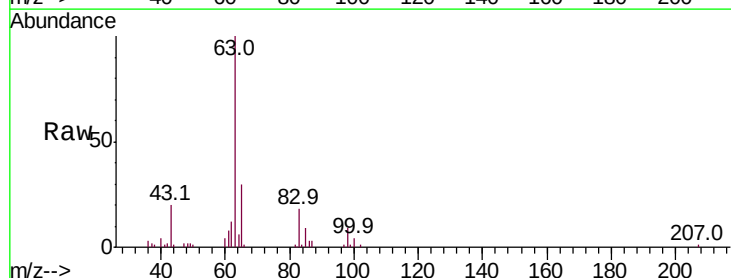
Tgt Ion: 63 Resp: 103596

Ion Ratio Lower Upper

63 100

98 9.5 4.0 12.2

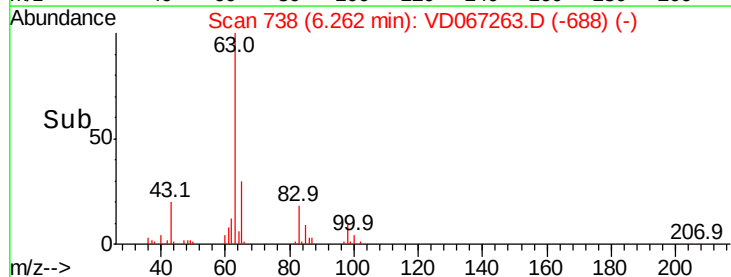
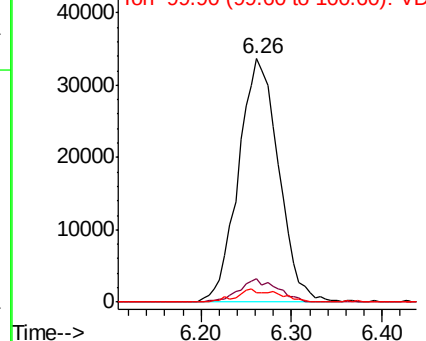
100 4.1 2.8 8.4

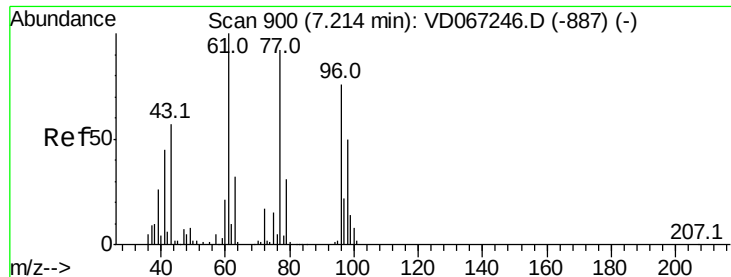


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 103.088 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

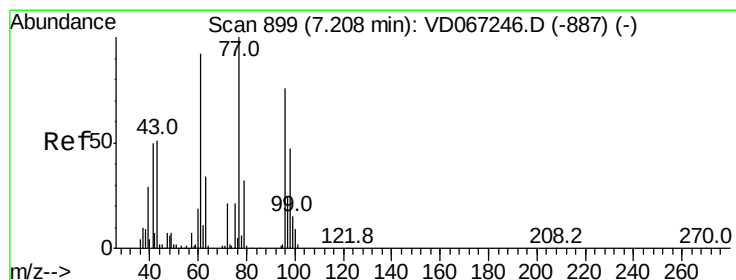
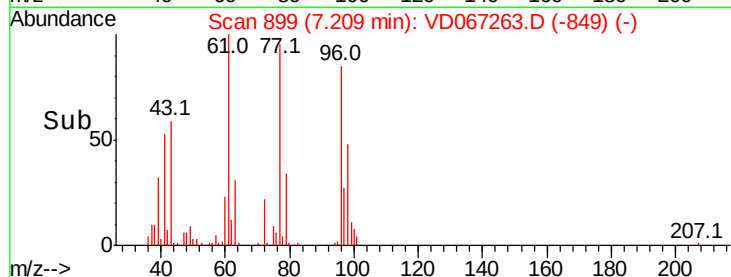
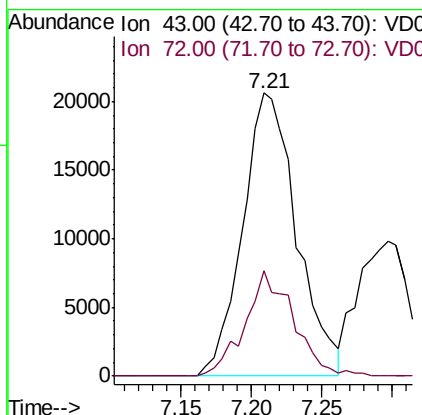
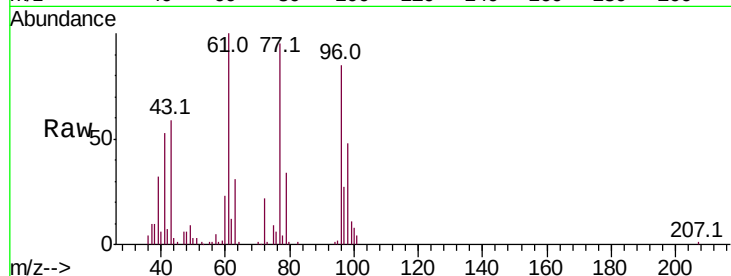
VD1014SBS01

Tot Ion: 43 Resp: 55304

Ion Ratio Lower Upper

43 100

72 37.2 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 20.040 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067263.D

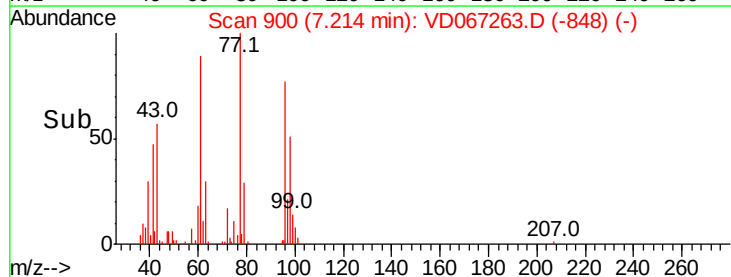
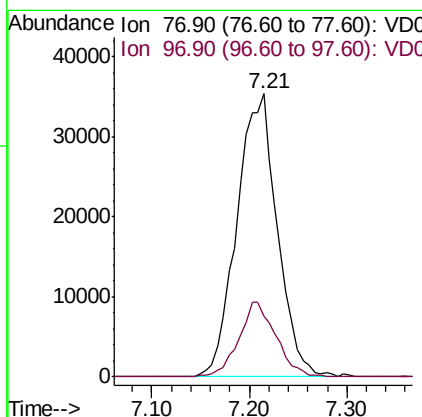
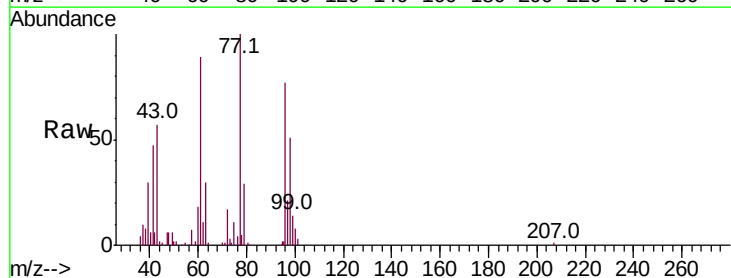
Acq: 14 Oct 2020 11:38

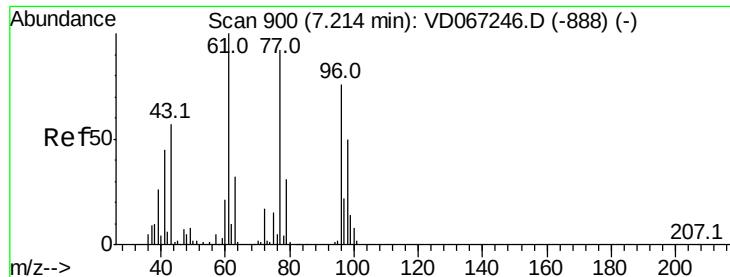
Tgt Ion: 77 Resp: 102397

Ion Ratio Lower Upper

77 100

97 24.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.004 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

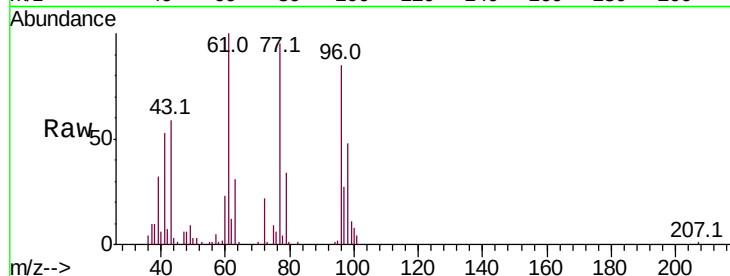
Tot Ion: 96 Resp: 73334

Ion Ratio Lower Upper

96 100

61 126.3 0.0 255.4

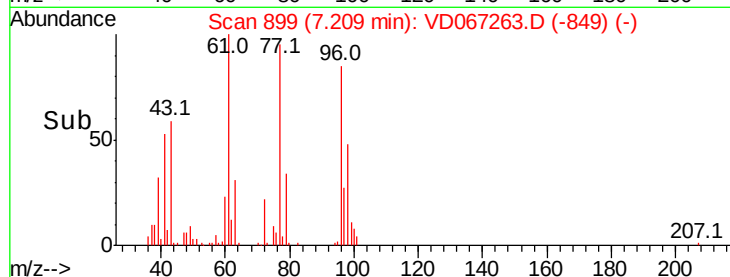
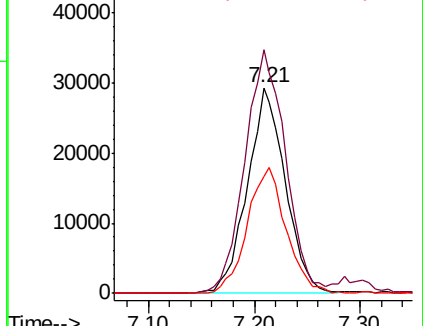
98 62.4 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 19.112 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

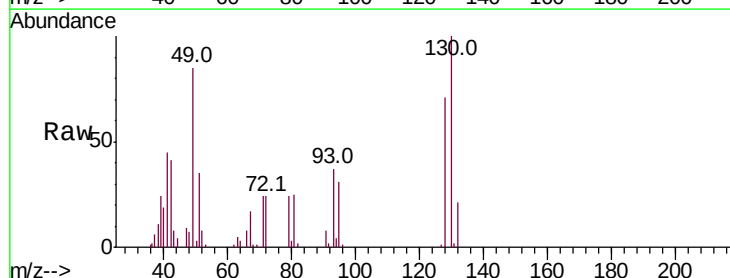
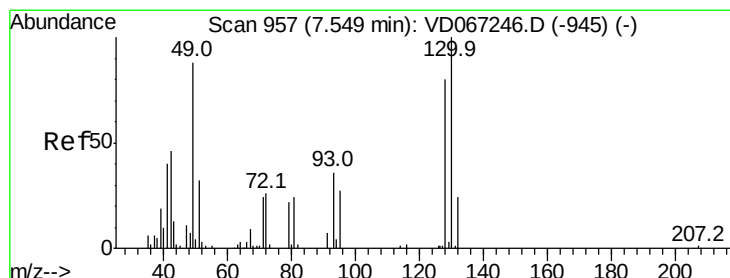
Tgt Ion: 49 Resp: 32316

Ion Ratio Lower Upper

49 100

129 1.1 0.0 1.6

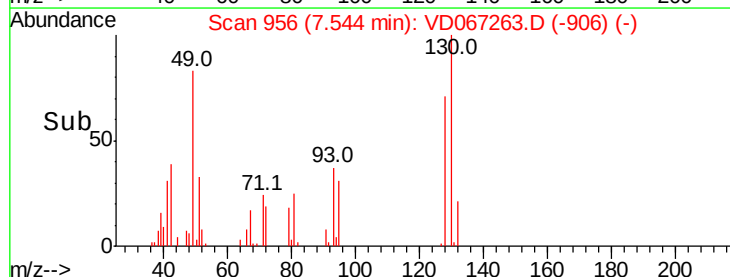
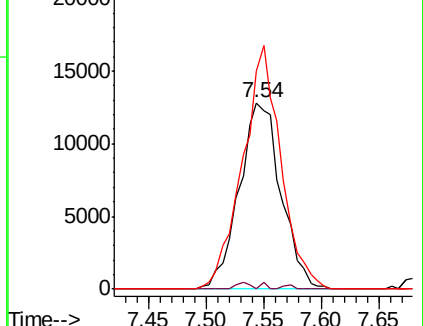
130 119.6 91.0 136.6

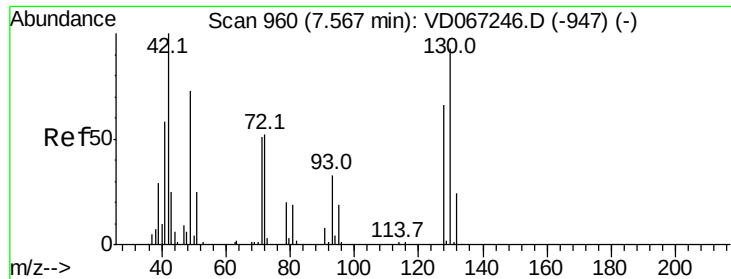


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

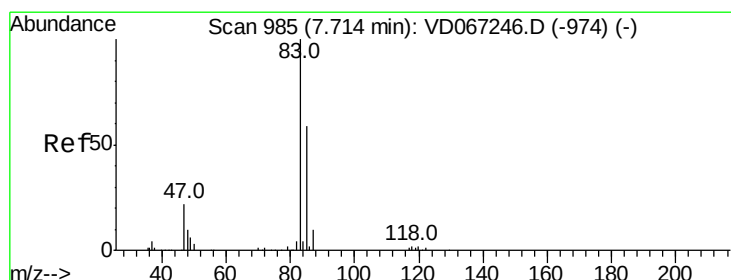
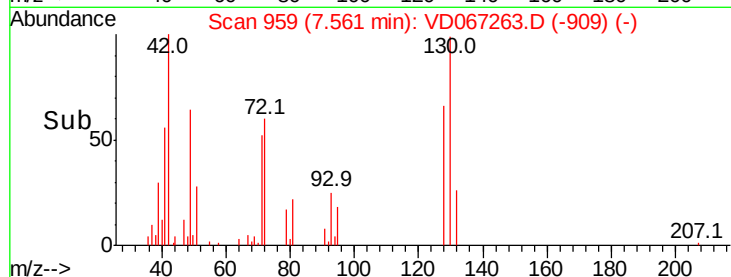
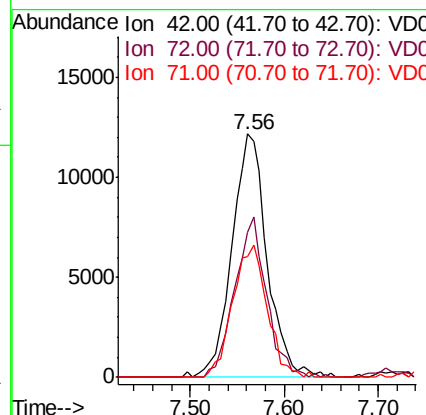
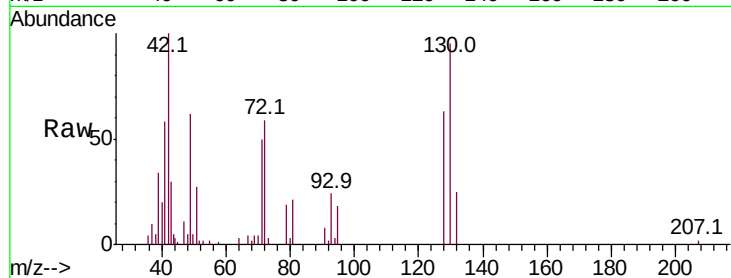




#29
Tetrahydrofuran
Concen: 105.512 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

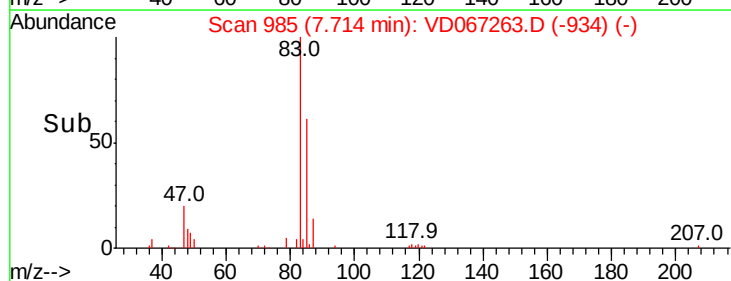
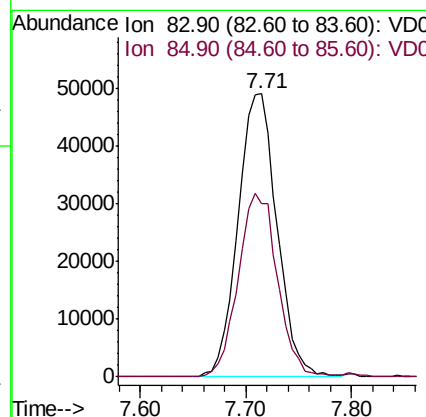
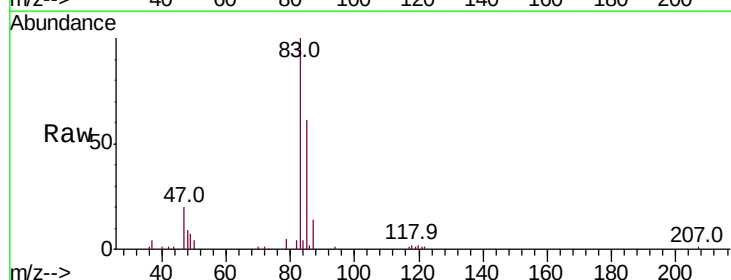
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

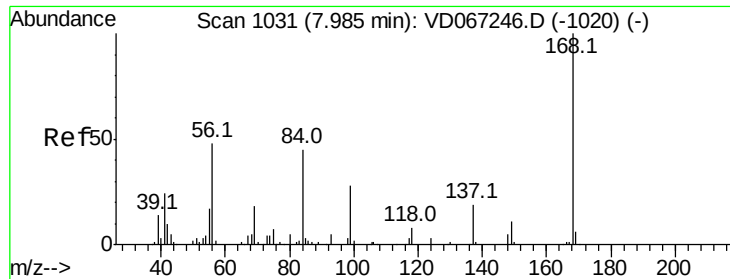
Tot Ion: 42 Resp: 31465
Ion Ratio Lower Upper
42 100
72 59.3 43.2 64.8
71 53.5 39.4 59.0



#30
Chloroform
Concen: 21.221 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion: 83 Resp: 125670
Ion Ratio Lower Upper
83 100
85 61.2 47.3 70.9

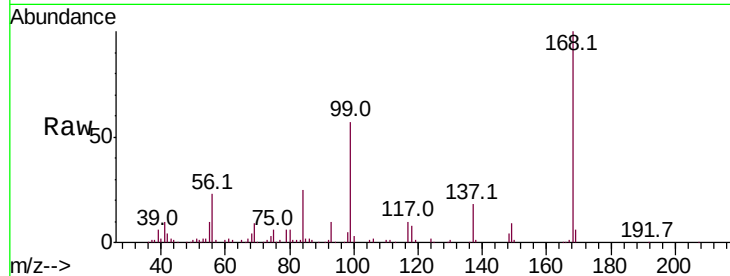




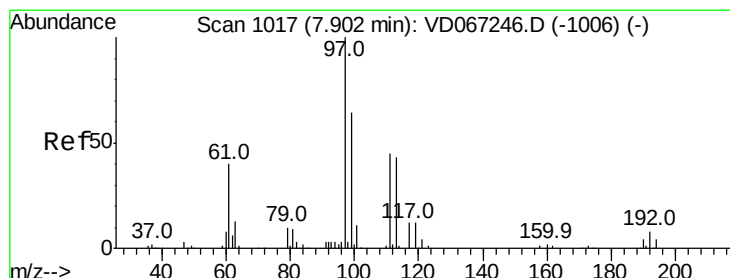
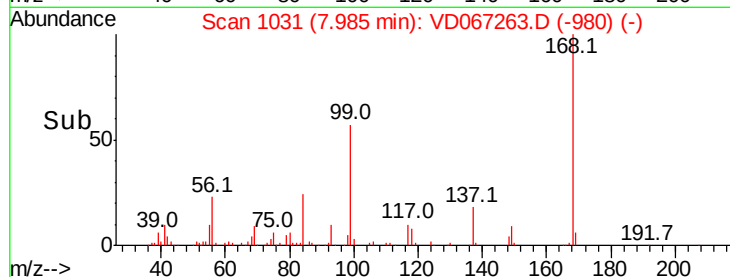
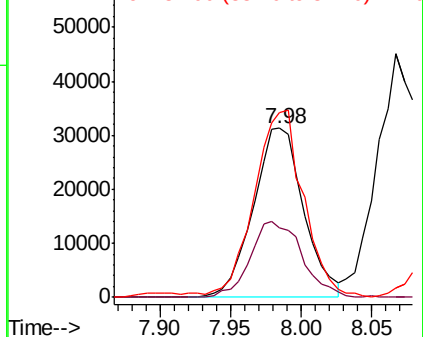
#31
Cyclohexane
Concen: 20.196 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

Tot Ion: 56 Resp: 78170
Ion Ratio Lower Upper
56 100
69 41.0 29.8 44.6
84 107.1 76.6 114.8

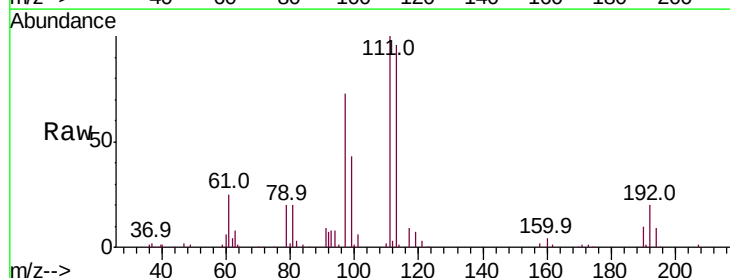


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

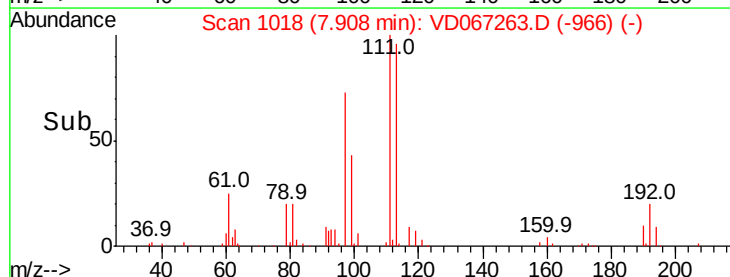
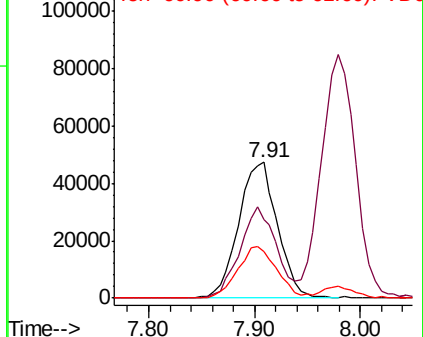


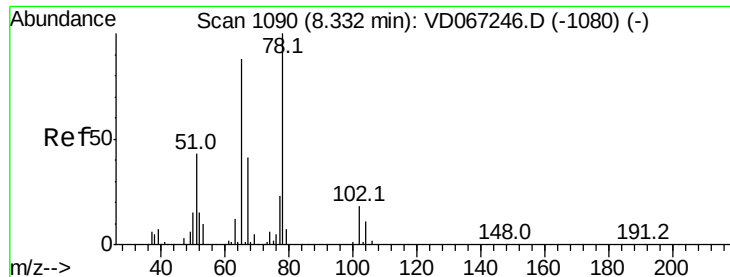
#32
1,1,1-Trichloroethane
Concen: 20.760 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion: 97 Resp: 120627
Ion Ratio Lower Upper
97 100
99 63.4 50.2 75.4
61 37.9 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

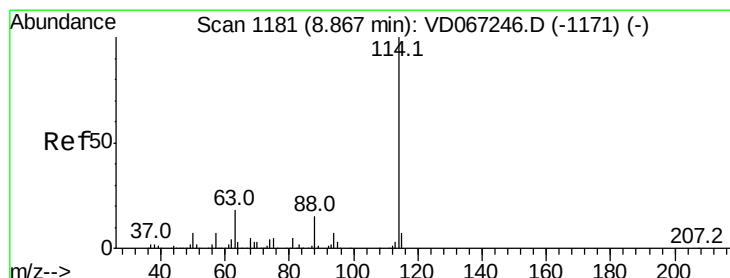
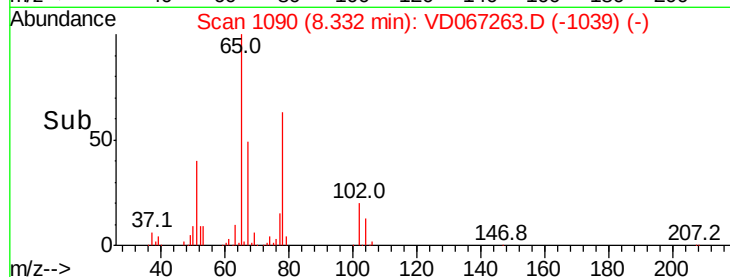
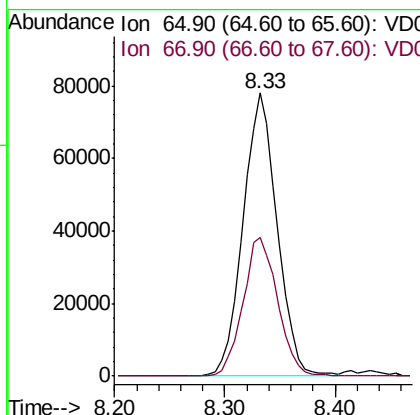
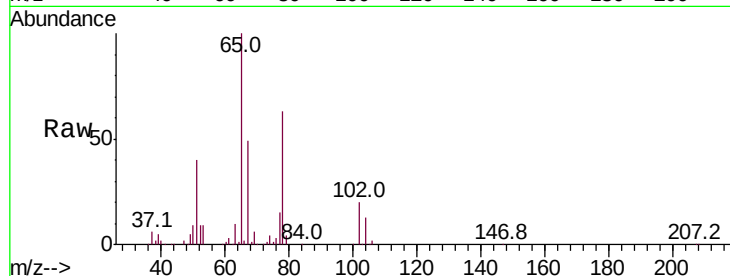




#33
 1,2-Dichloroethane-d4
 Concen: 50.294 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

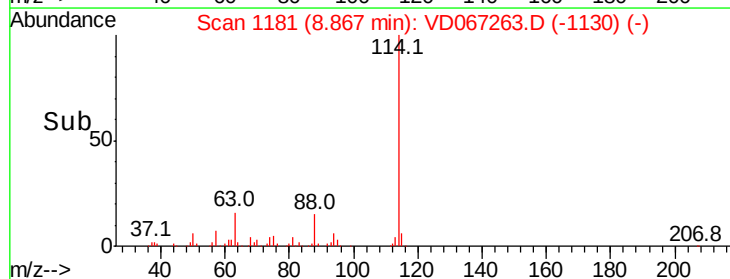
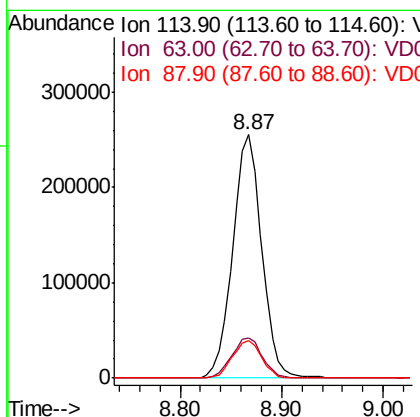
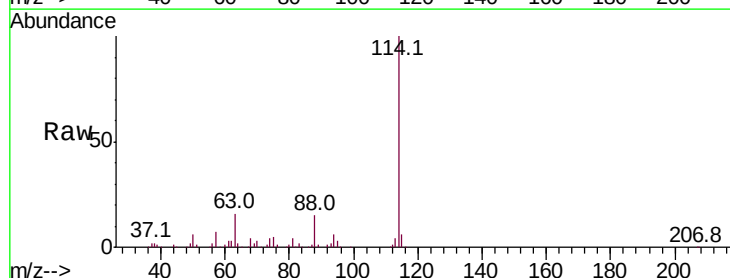
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

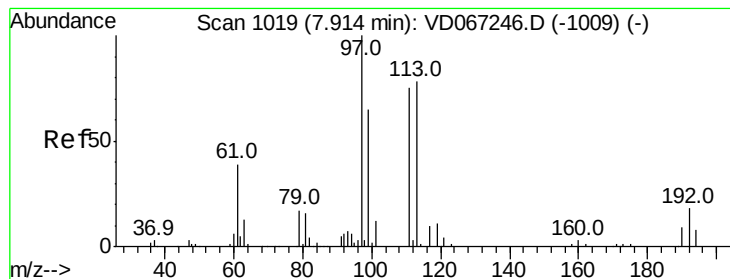
Tot Ion: 65 Resp: 169011
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Tgt Ion: 114 Resp: 505933
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 35.0
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.024 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

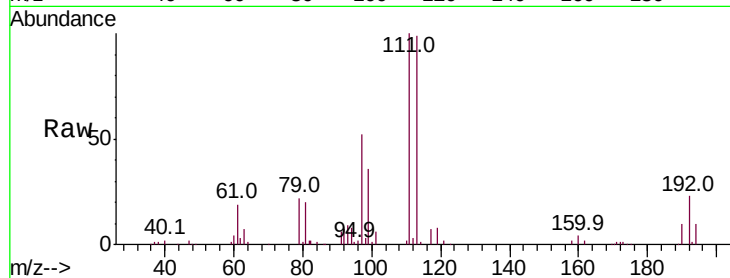
Tot Ion:113 Resp: 168429

Ion Ratio Lower Upper

113 100

111 104.3 81.6 122.4

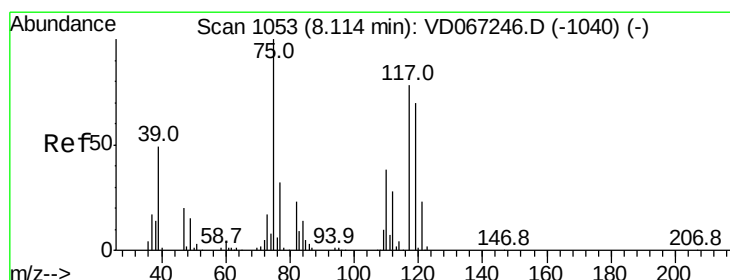
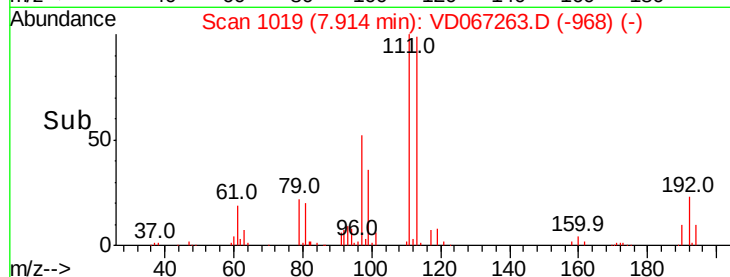
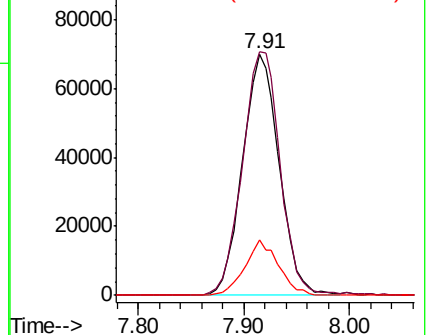
192 21.1 17.0 25.4



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: 21.389 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

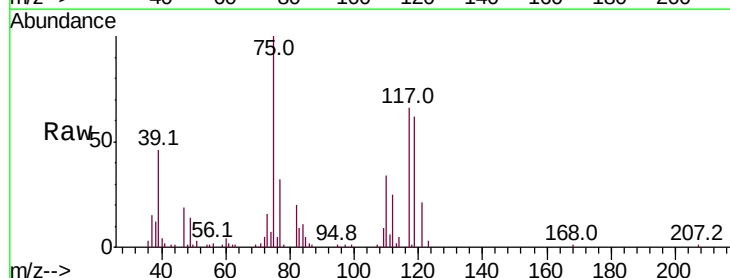
Tgt Ion: 75 Resp: 91718

Ion Ratio Lower Upper

75 100

110 38.7 19.6 58.7

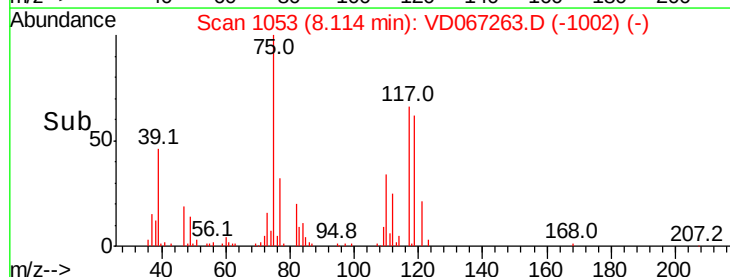
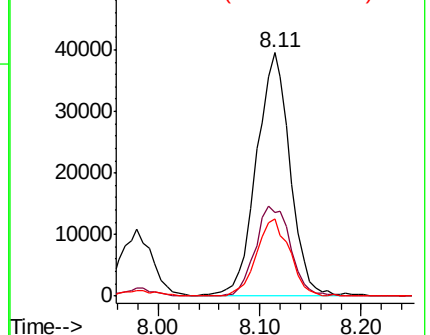
77 31.4 24.6 37.0

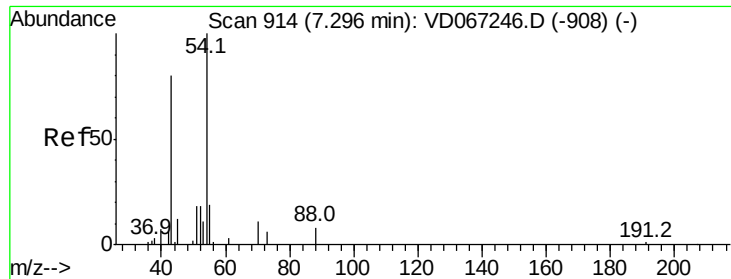


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 21.054 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

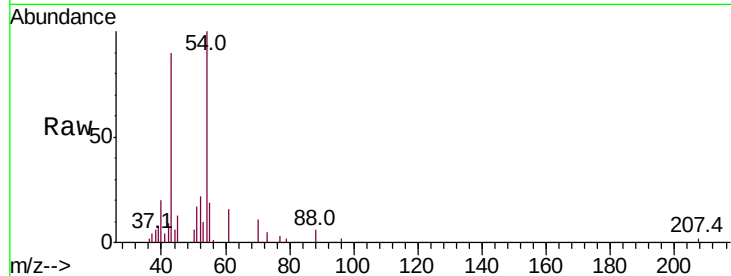
Tot Ion: 43 Resp: 26562

Ion Ratio Lower Upper

43 100

61 19.7 15.6 23.4

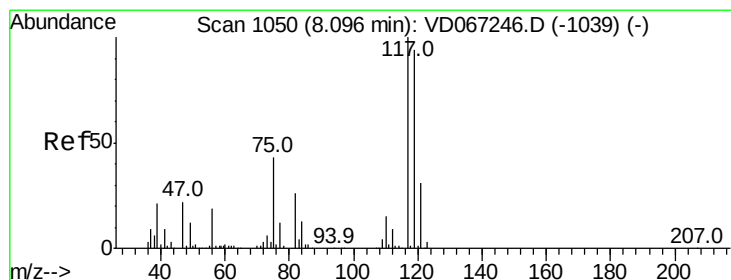
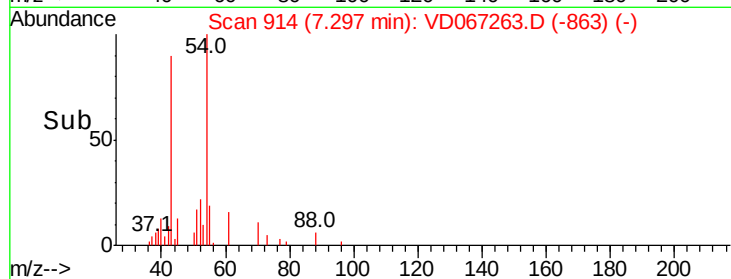
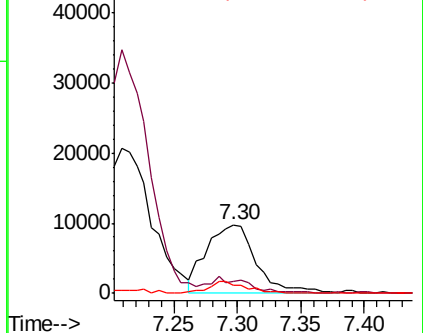
70 13.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 20.333 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

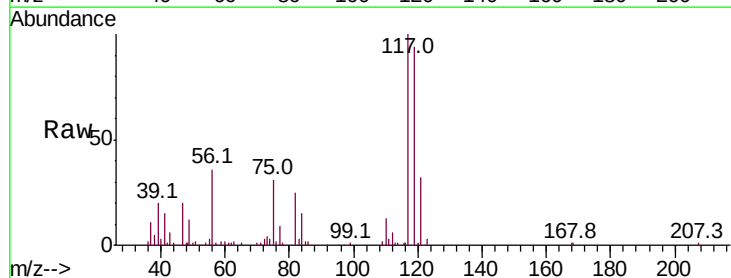
Tgt Ion: 117 Resp: 111436

Ion Ratio Lower Upper

117 100

119 94.6 75.0 112.4

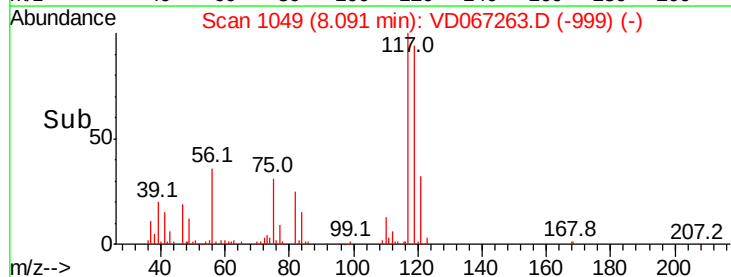
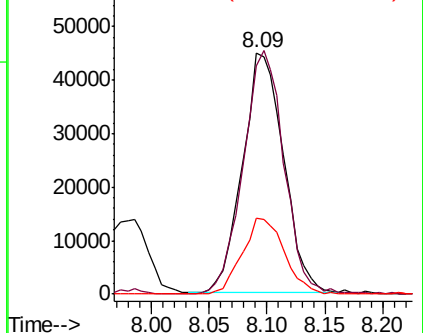
121 31.7 24.9 37.3

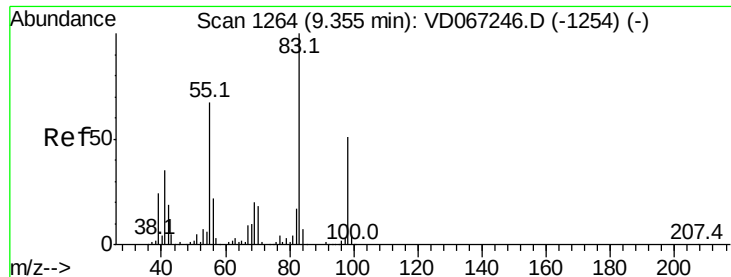


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

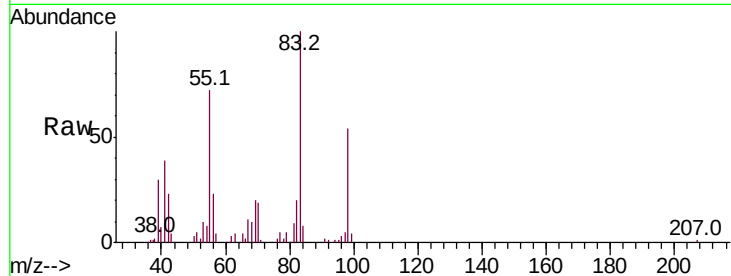




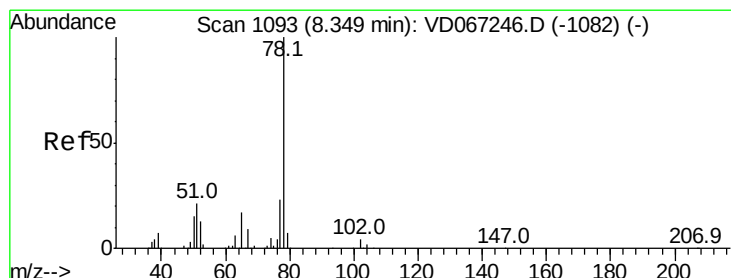
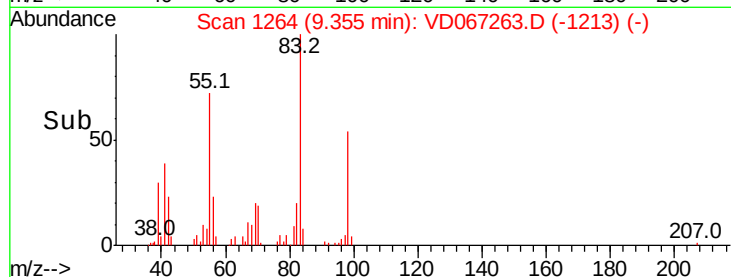
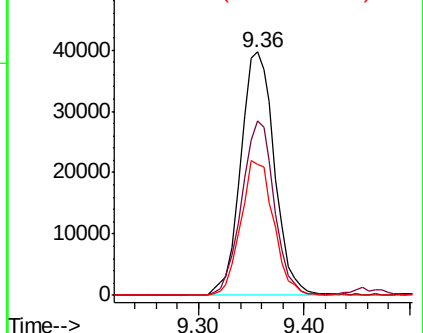
#39
Methylvlcyclohexane
Concen: 19.609 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

Tot Ion: 83 Resp: 87906
Ion Ratio Lower Upper
83 100
55 71.8 53.3 79.9
98 53.8 41.0 61.4

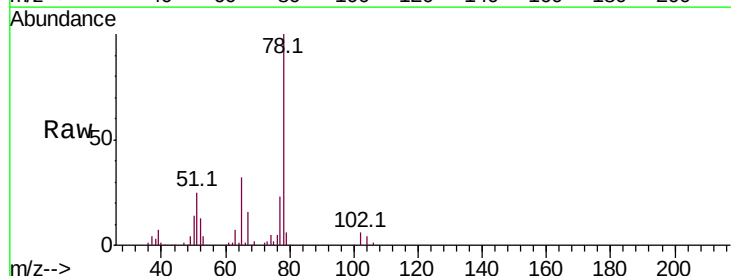


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

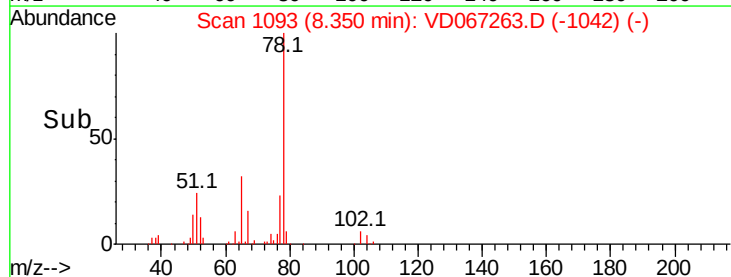
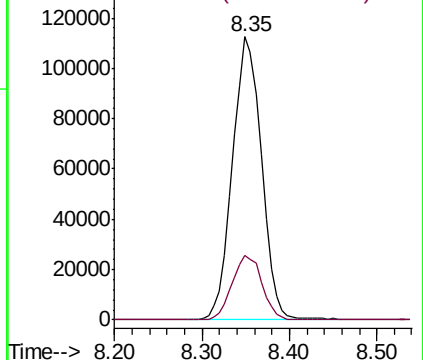


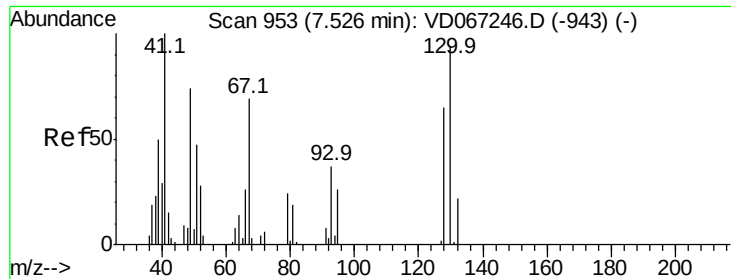
#40
Benzene
Concen: 21.527 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion: 78 Resp: 253247
Ion Ratio Lower Upper
78 100
77 22.8 18.3 27.5



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

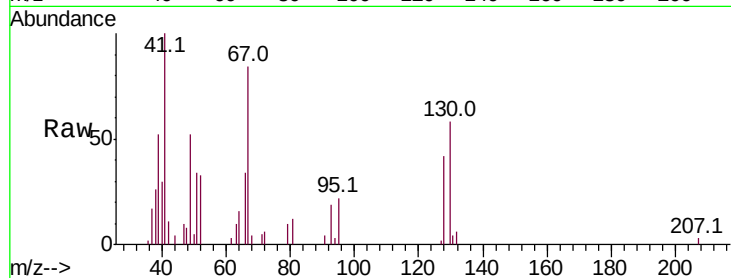




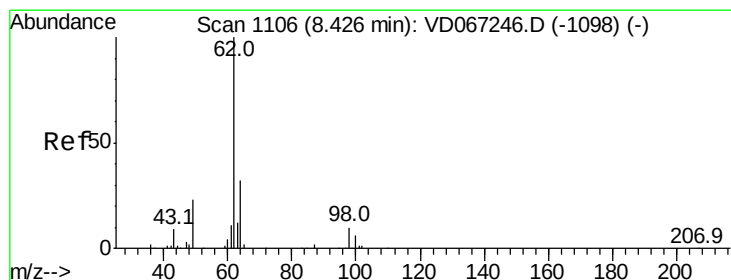
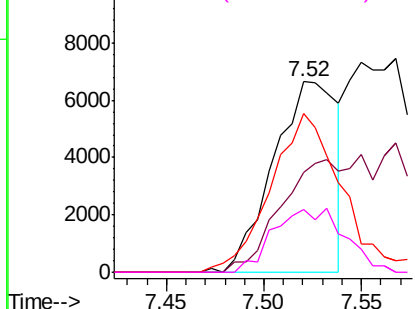
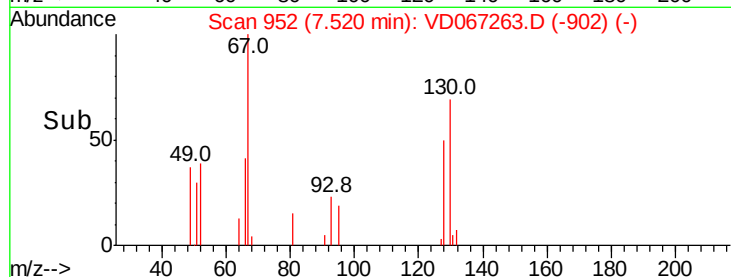
#41
Methacrylonitrile
Concen: 22.139 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

Tot Ion: 41 Resp: 15094
Ion Ratio Lower Upper
41 100
39 53.9 60.0 90.0#
67 92.1 88.9 133.3
52 37.0 36.9 55.3

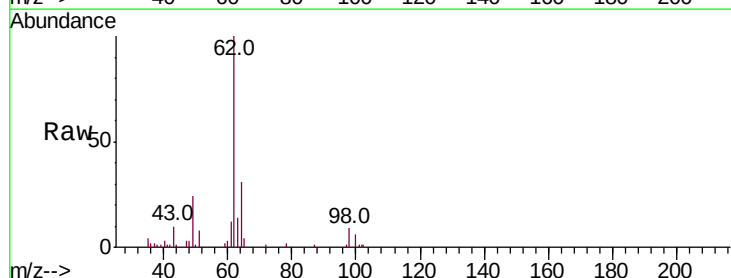


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

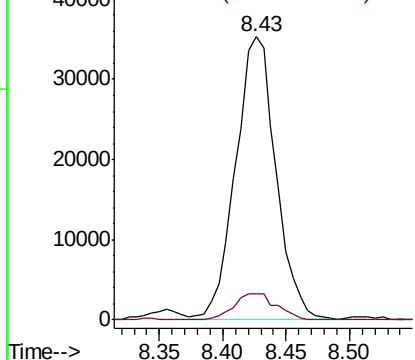
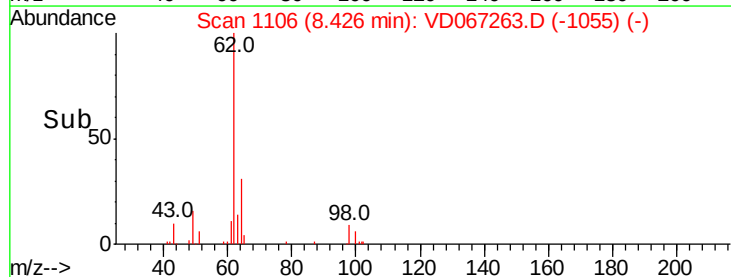


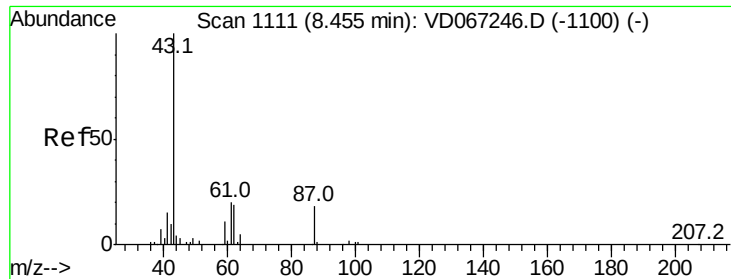
#42
1,2-Dichloroethane
Concen: 21.248 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion: 62 Resp: 78224
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4



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





#43

Isopropyl Acetate

Concen: 20.706 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

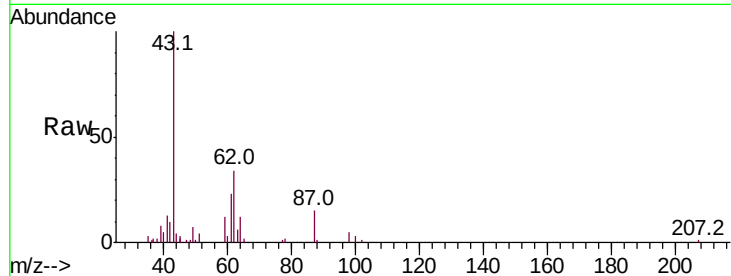
Tot Ion: 43 Resp: 51835

Ion Ratio Lower Upper

43 100

61 36.3 29.5 44.3

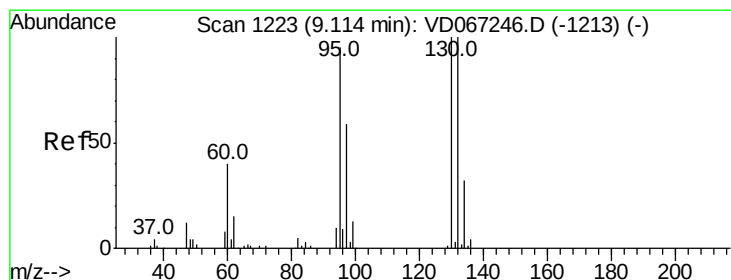
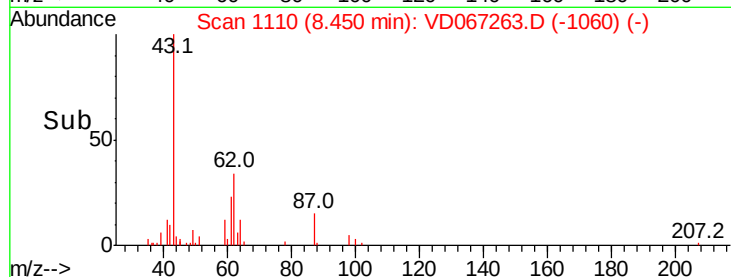
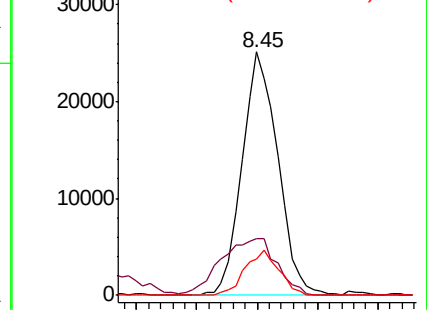
87 17.5 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 22.105 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067263.D

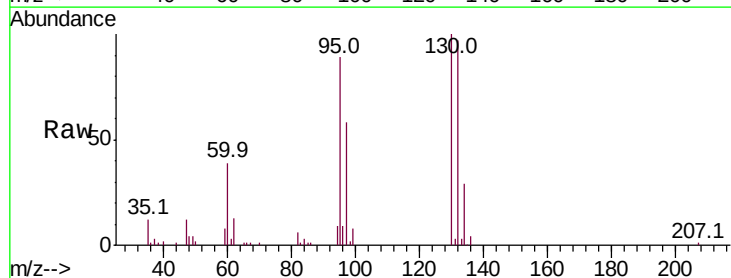
Acq: 14 Oct 2020 11:38

Tgt Ion:130 Resp: 83258

Ion Ratio Lower Upper

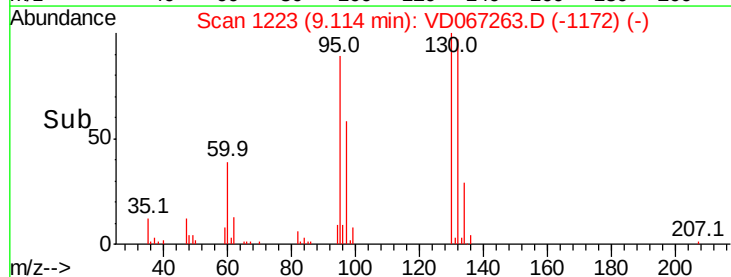
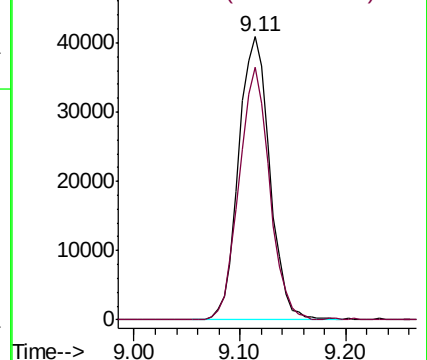
130 100

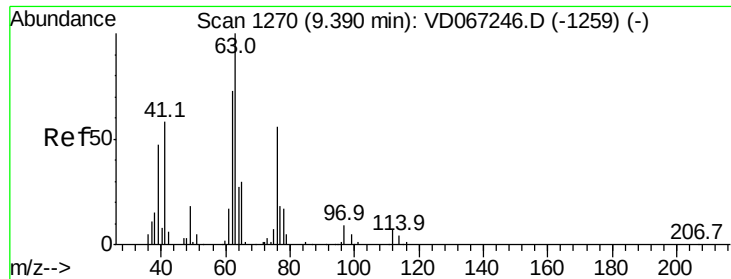
95 89.3 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

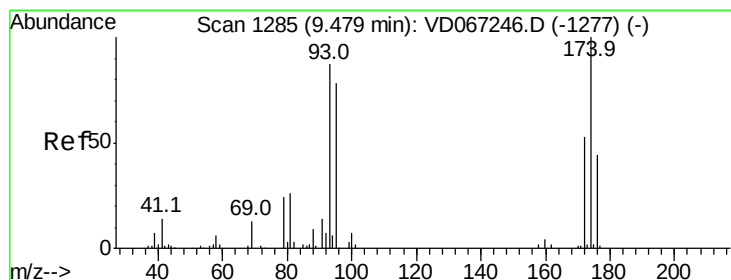
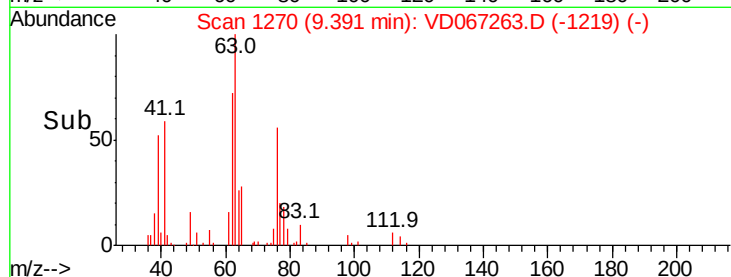
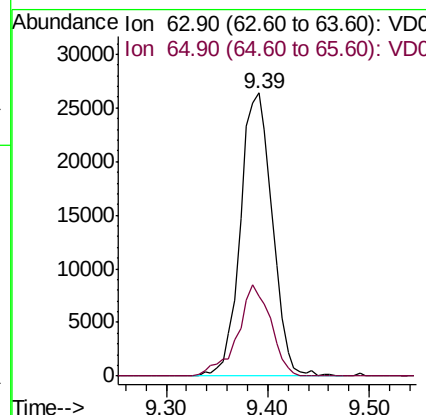
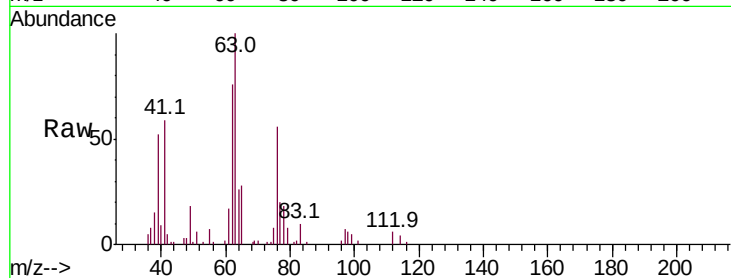




#45
 1,2-Dichloropropane
 Concen: 21.180 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

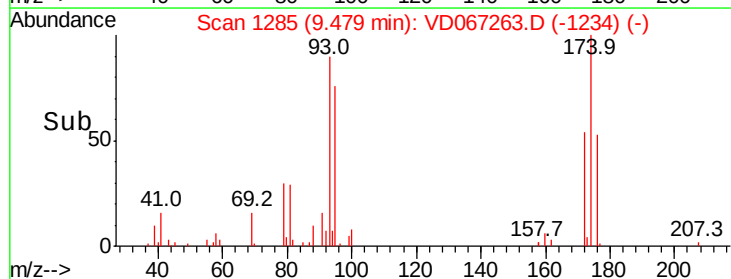
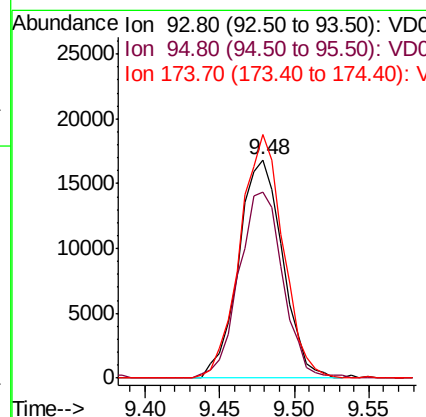
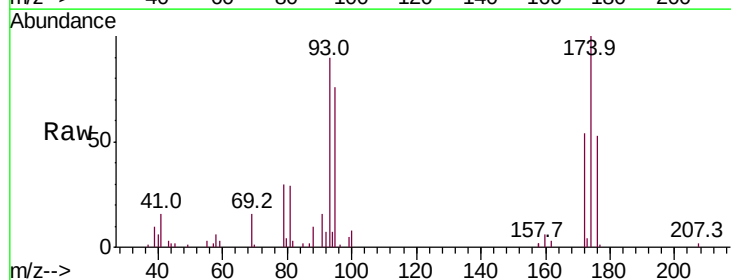
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

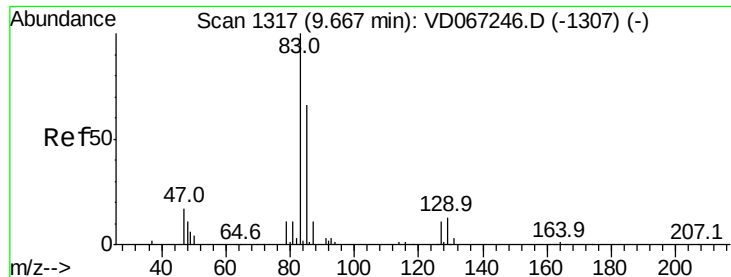
Tot Ion: 63 Resp: 57746
 Ion Ratio Lower Upper
 63 100
 65 28.1 24.6 36.8



#46
 Dibromomethane
 Concen: 20.282 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Tgt Ion: 93 Resp: 34452
 Ion Ratio Lower Upper
 93 100
 95 85.0 68.0 102.0
 174 108.6 91.8 137.6





#47

Bromodichloromethane

Concen: 20.799 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

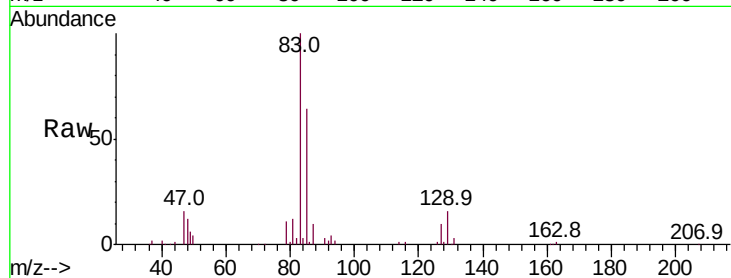
Tot Ion: 83 Resp: 94661

Ion Ratio Lower Upper

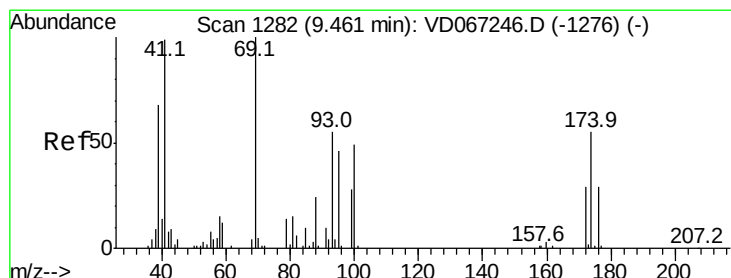
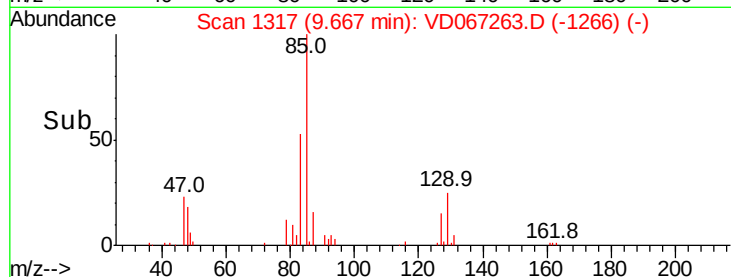
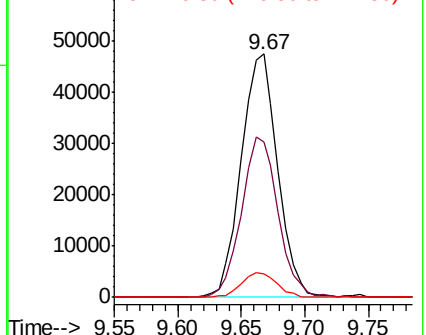
83 100

85 63.6 53.1 79.7

127 9.7 8.6 13.0



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



#48

Methyl methacrylate

Concen: 19.378 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

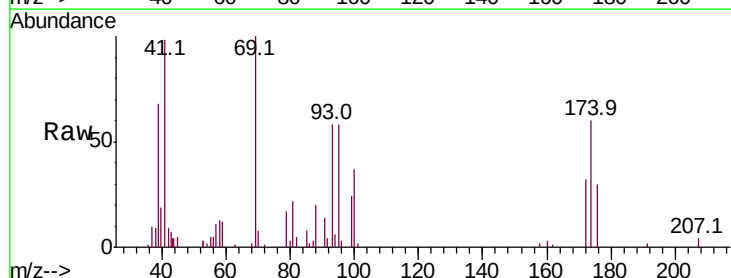
Tgt Ion: 41 Resp: 23575

Ion Ratio Lower Upper

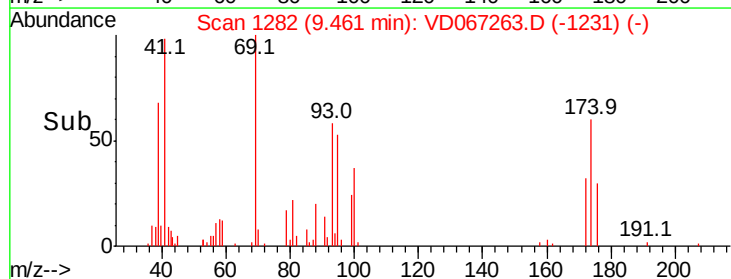
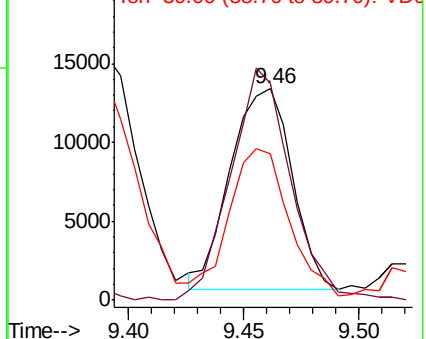
41 100

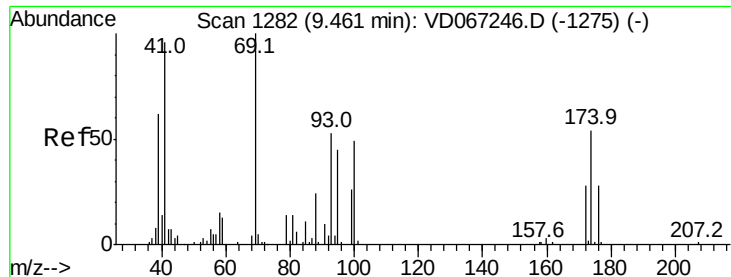
69 113.3 89.0 133.6

39 76.0 60.2 90.2



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

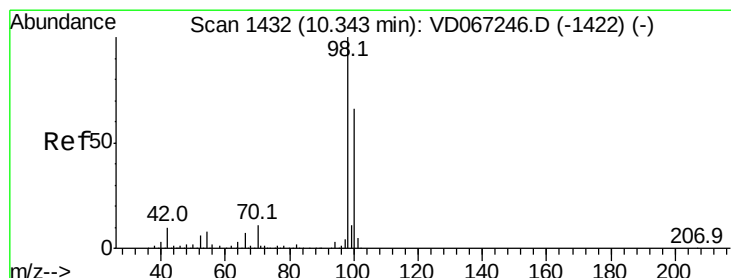
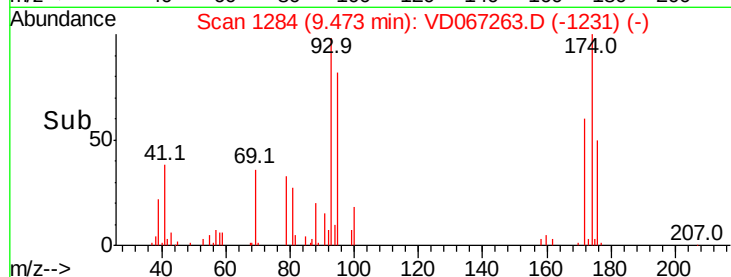
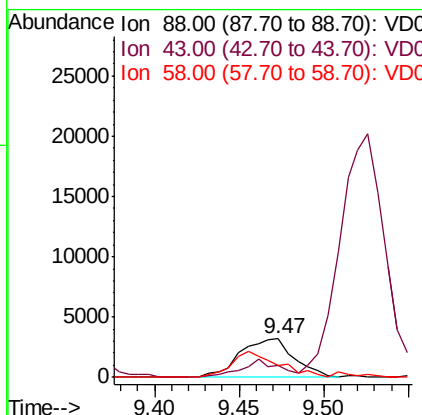
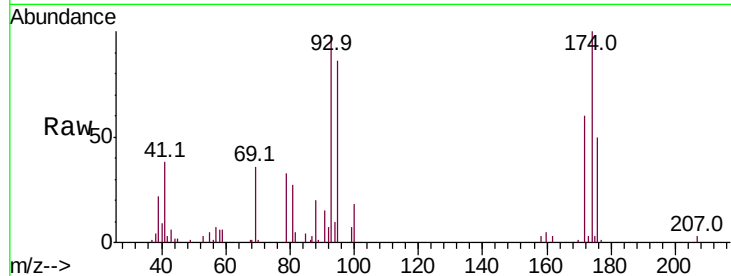




#49
 1,4-Dioxane
 Concen: 415.935 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

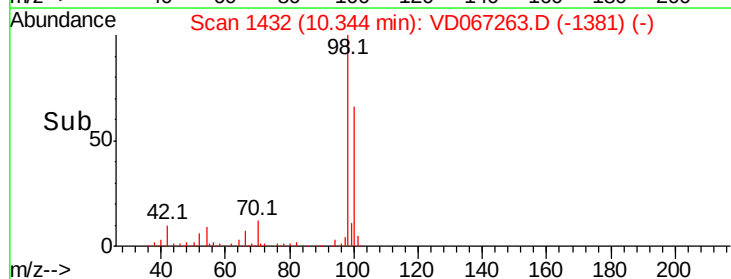
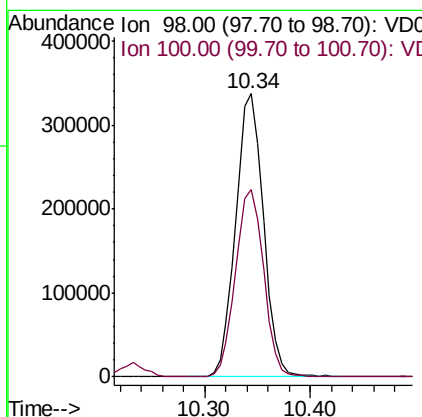
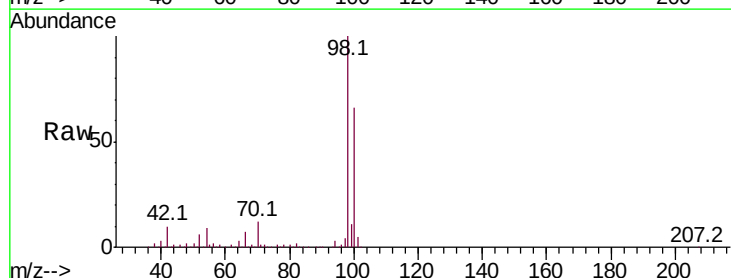
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

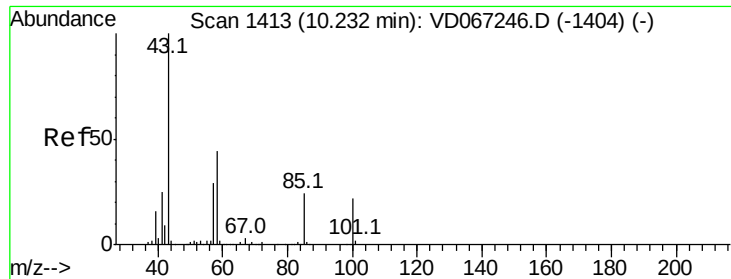
Tot Ion: 88 Resp: 7129
 Ion Ratio Lower Upper
 88 100
 43 33.3 23.9 35.9
 58 59.4 51.0 76.6



#50
 Toluene-d8
 Concen: 50.409 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Tgt Ion: 98 Resp: 614231
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.1 79.7

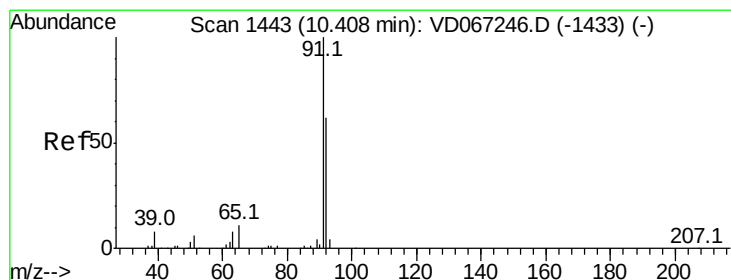
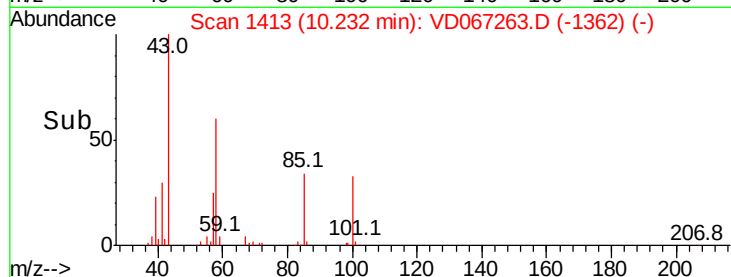
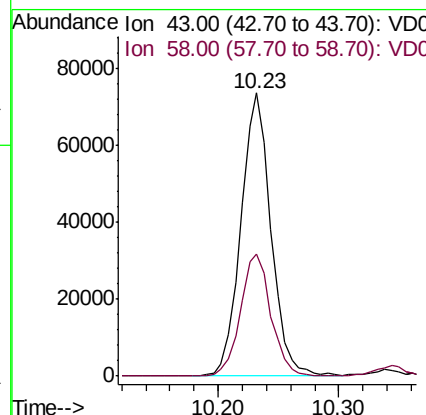
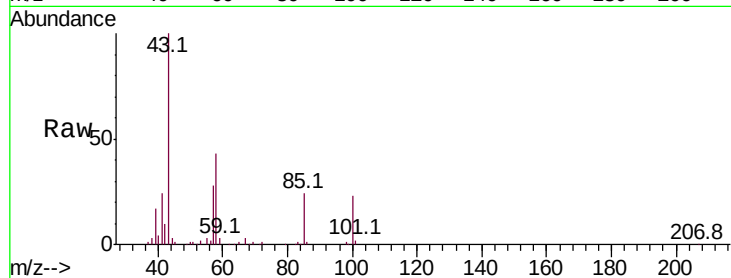




#51
4-Methyl-2-Pentanone
Concen: 102.406 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

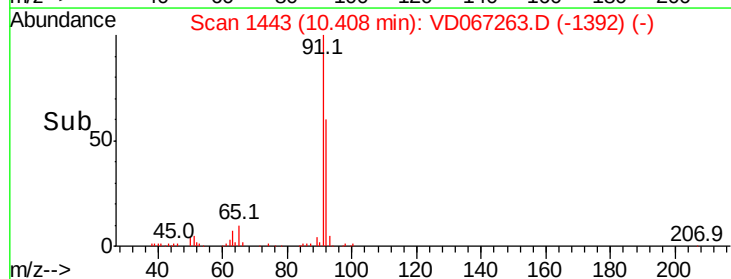
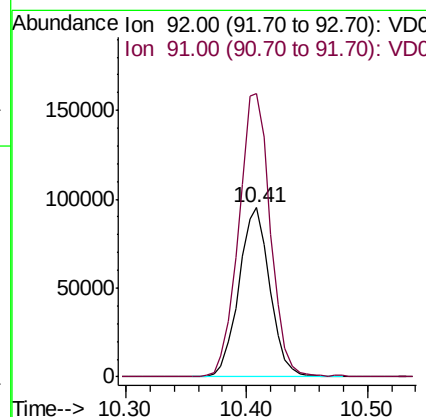
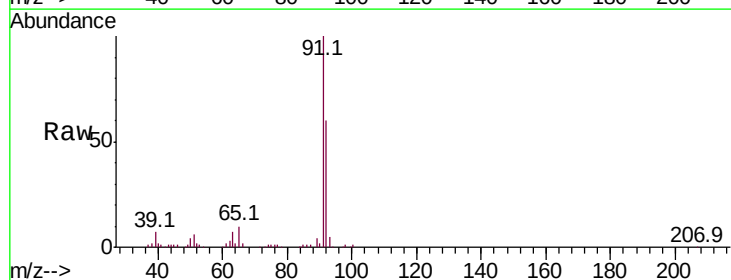
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

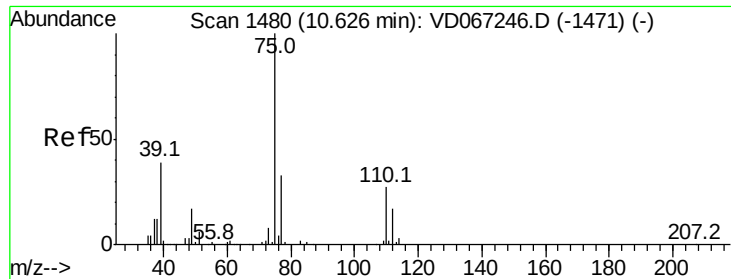
Tot Ion: 43 Resp: 127867
Ion Ratio Lower Upper
43 100
58 43.5 35.7 53.5



#52
Toluene
Concen: 21.297 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion: 92 Resp: 170642
Ion Ratio Lower Upper
92 100
91 170.8 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 20.640 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

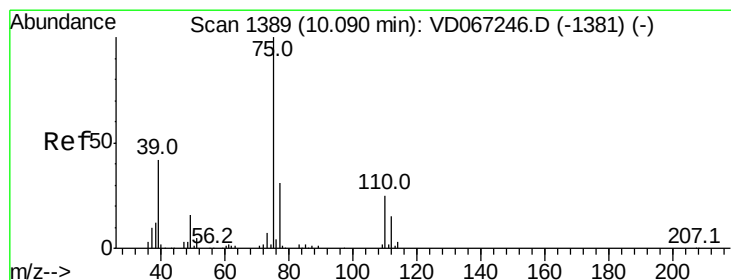
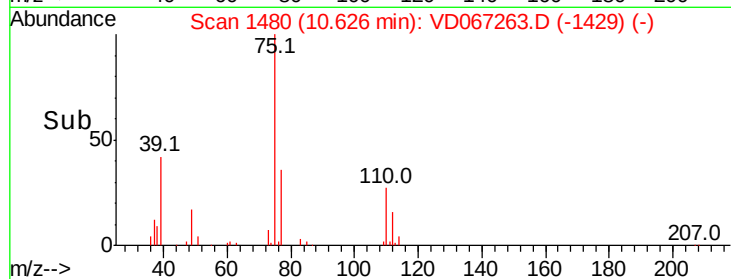
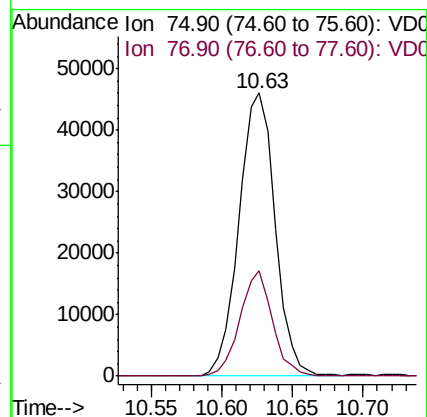
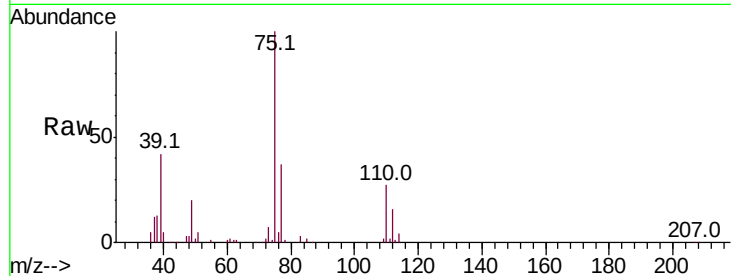
VD1014SBS01

Tot Ion: 75 Resp: 82518

Ion Ratio Lower Upper

75 100

77 37.2 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 20.707 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

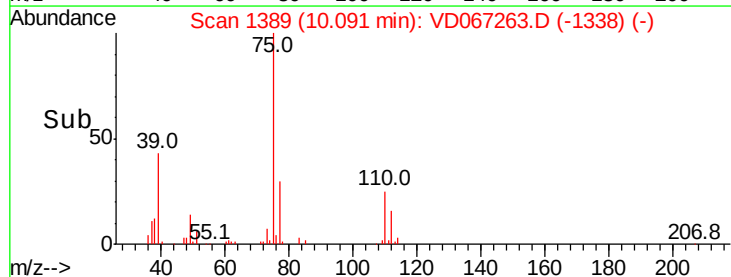
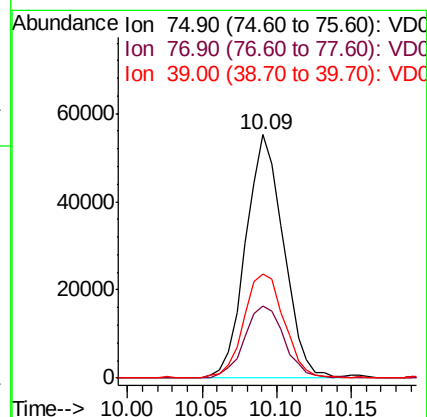
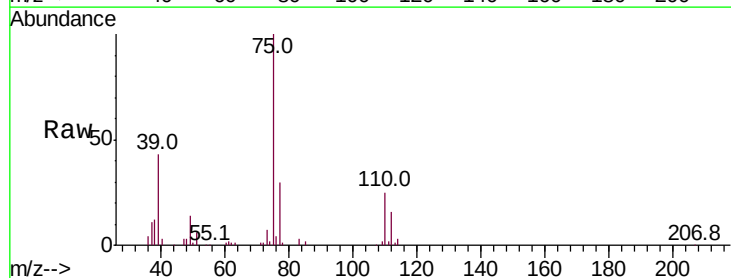
Tgt Ion: 75 Resp: 96887

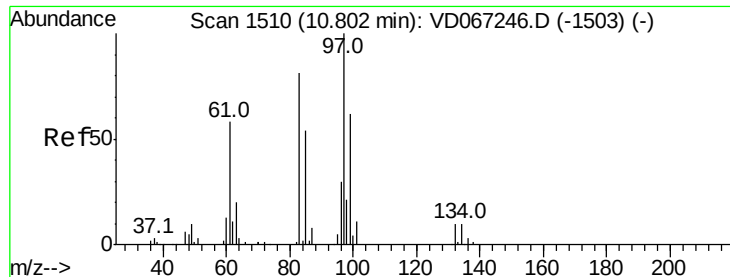
Ion Ratio Lower Upper

75 100

77 29.5 24.5 36.7

39 42.9 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 21.496 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

Tot Ion: 97 Resp: 49793

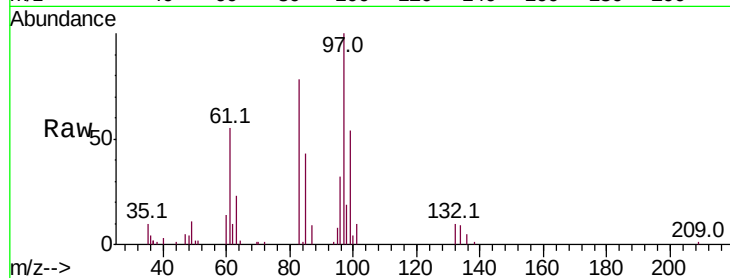
Ion	Ratio	Lower	Upper
97	100		
83	77.9	64.9	97.3
85	43.0	43.3	64.9#
99	54.0	49.1	73.7

97 100

83 77.9 64.9 97.3

85 43.0 43.3 64.9#

99 54.0 49.1 73.7



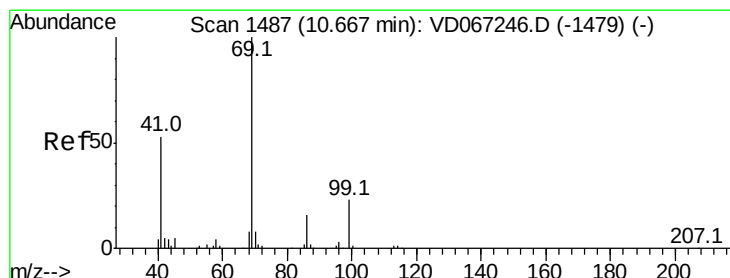
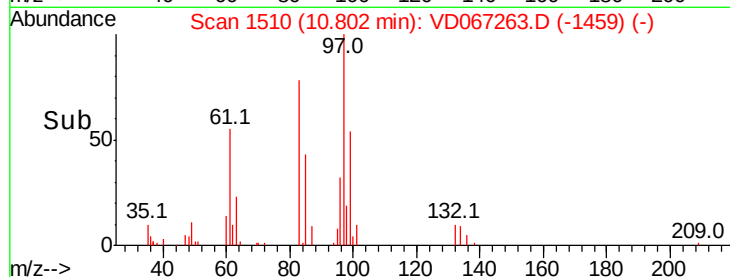
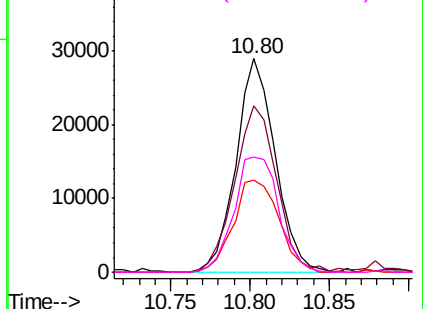
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 20.889 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

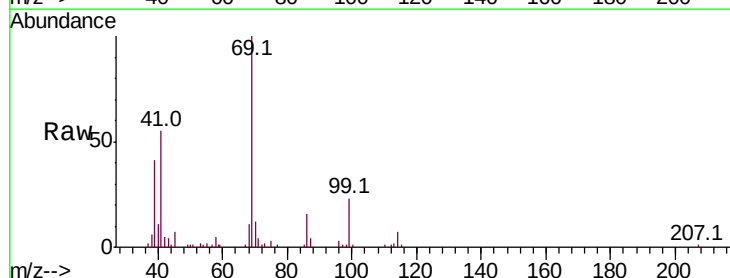
Tgt Ion: 69 Resp: 50182

Ion	Ratio	Lower	Upper
69	100		
41	52.3	44.7	67.1
39	31.5	26.2	39.2

69 100

41 52.3 44.7 67.1

39 31.5 26.2 39.2

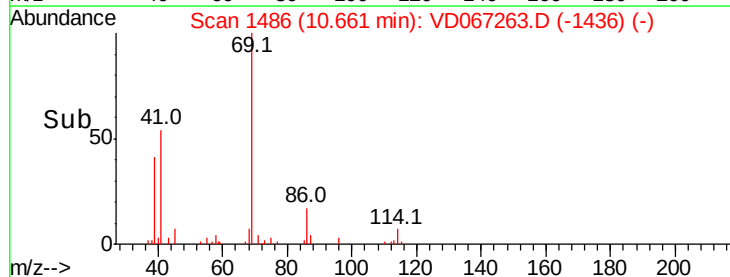
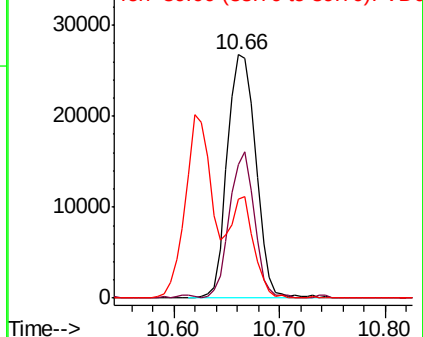


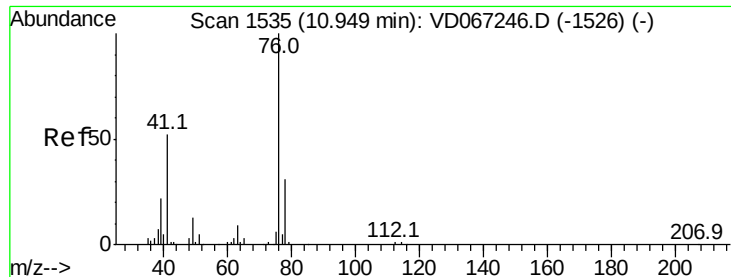
Abundance

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: 21.775 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

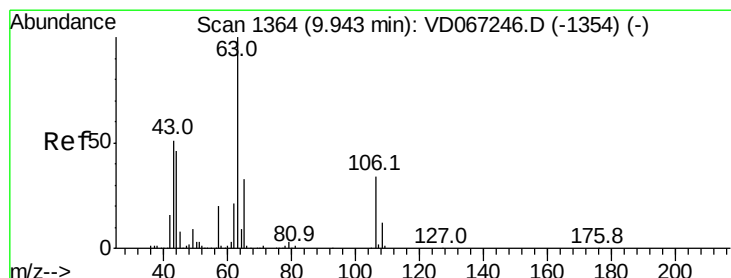
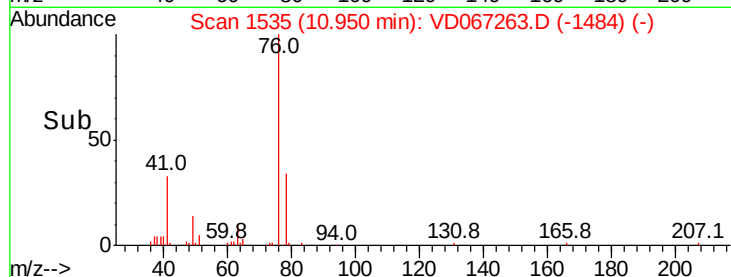
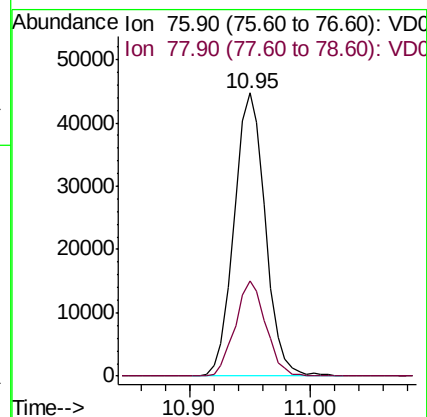
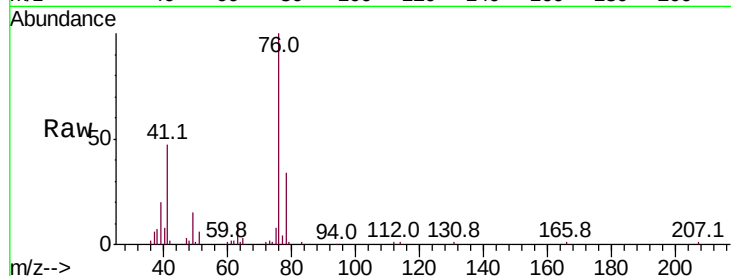
VD1014SBS01

Tot Ion: 76 Resp: 80272

Ion Ratio Lower Upper

76 100

78 33.1 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 100.656 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067263.D

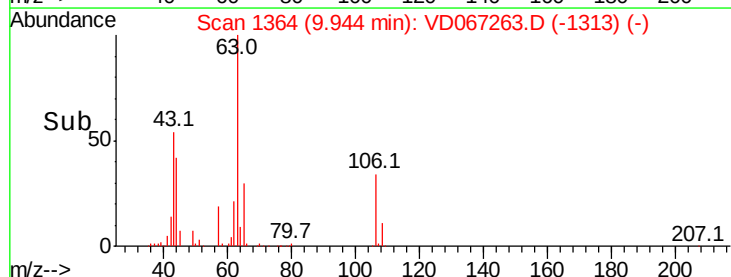
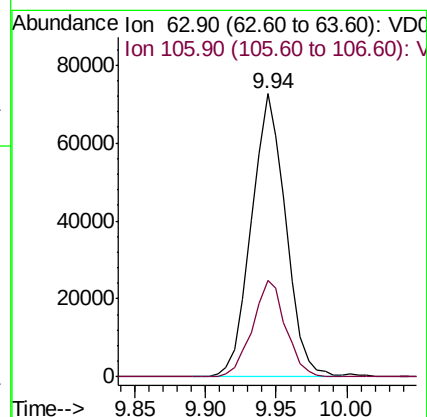
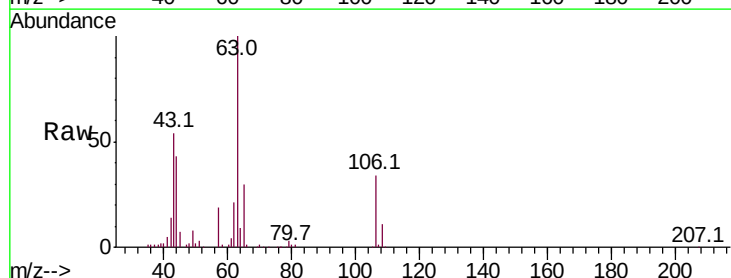
Acq: 14 Oct 2020 11:38

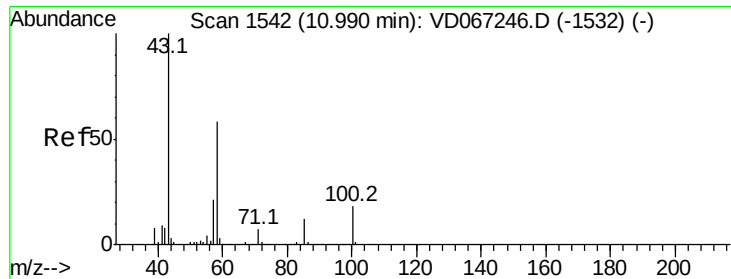
Tgt Ion: 63 Resp: 124049

Ion Ratio Lower Upper

63 100

106 32.8 27.8 41.6

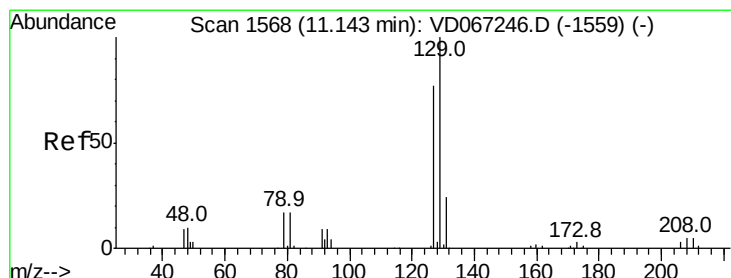
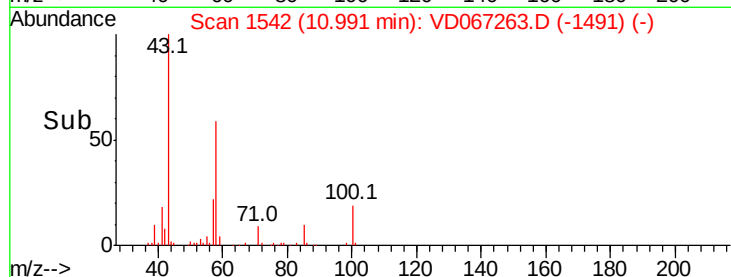
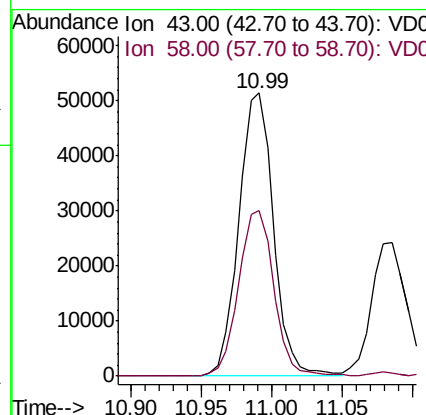
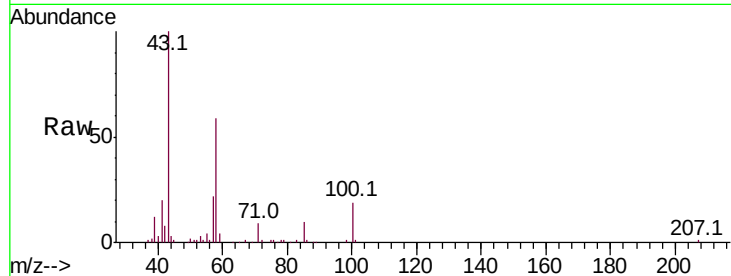




#59
2-Hexanone
Concen: 103.419 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

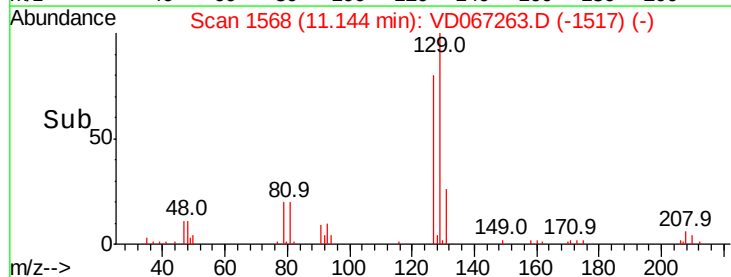
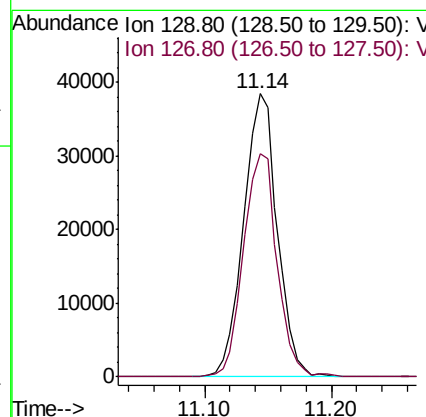
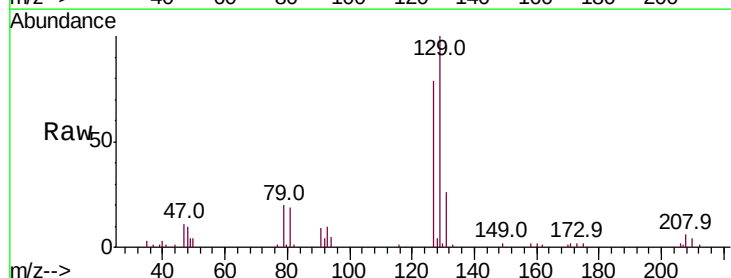
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

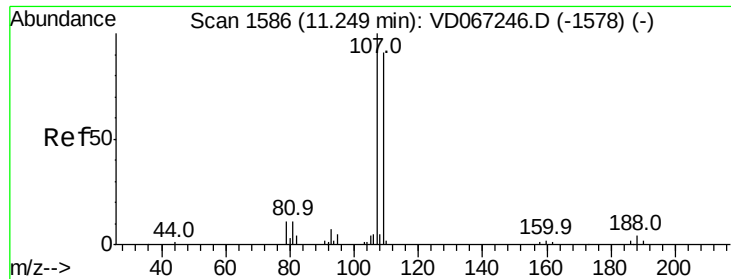
Tot Ion: 43 Resp: 88240
Ion Ratio Lower Upper
43 100
58 59.6 29.3 87.9



#60
Dibromochloromethane
Concen: 21.005 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion: 129 Resp: 70958
Ion Ratio Lower Upper
129 100
127 78.6 38.3 114.8

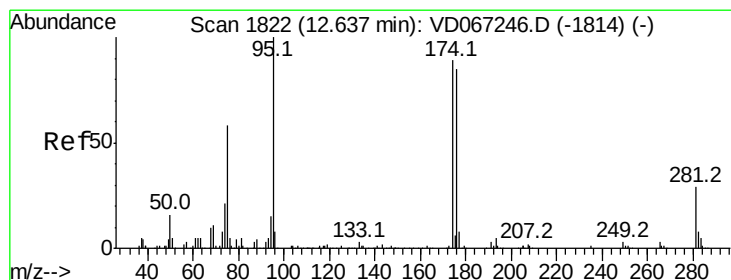
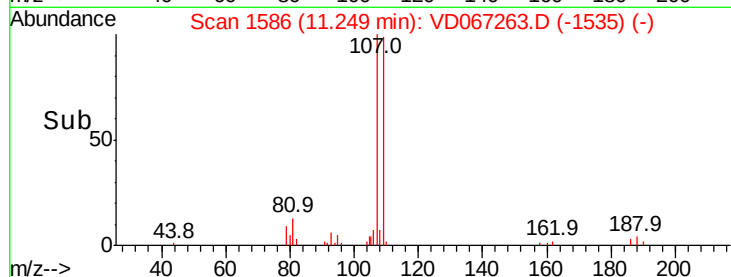
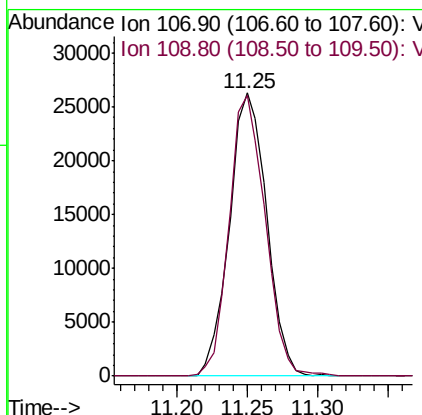
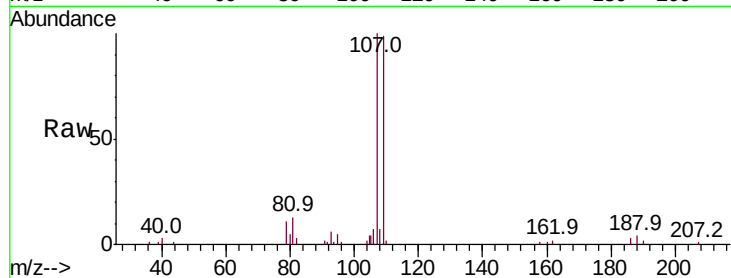




#61
 1,2-Dibromoethane
 Concen: 21.218 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

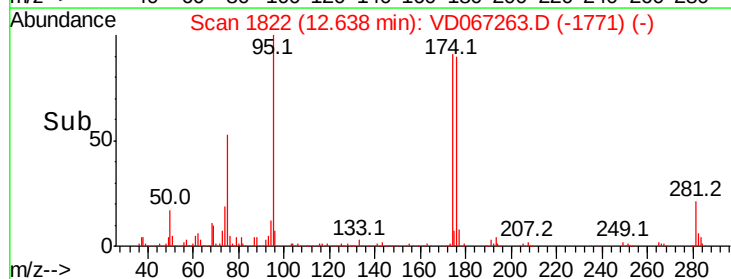
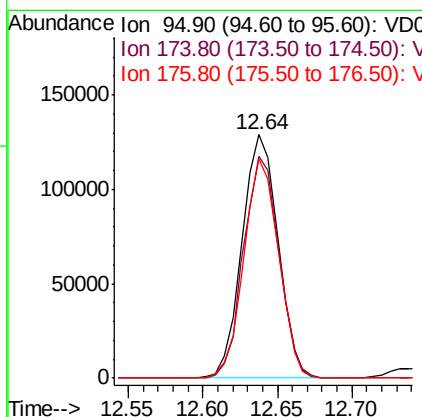
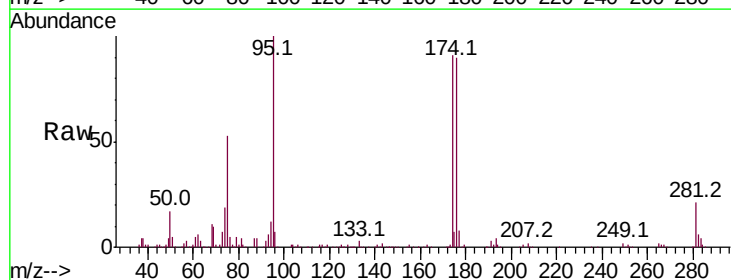
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

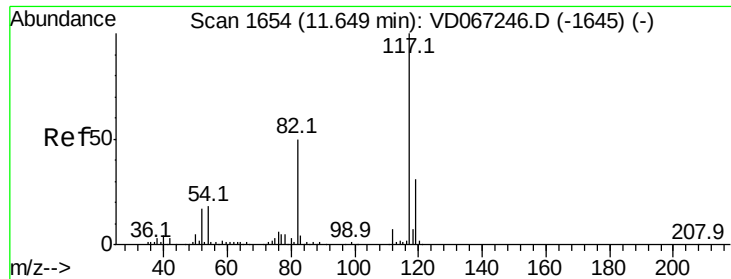
Tot Ion:107 Resp: 48453
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 50.783 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Tgt Ion: 95 Resp: 215165
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 175.2
 176 87.2 0.0 168.6

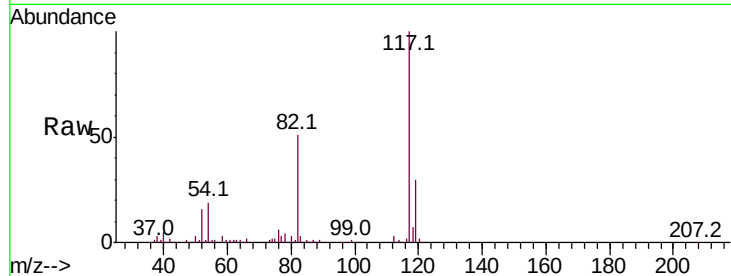




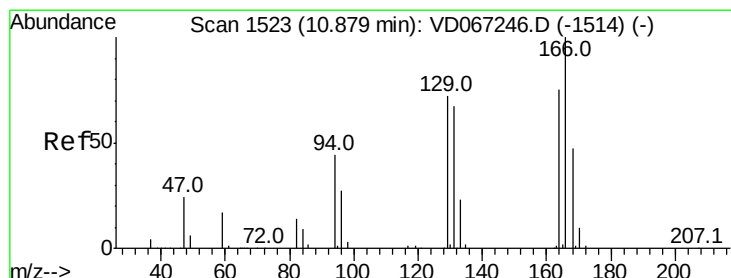
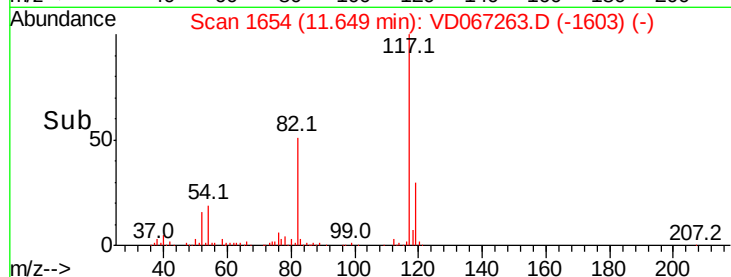
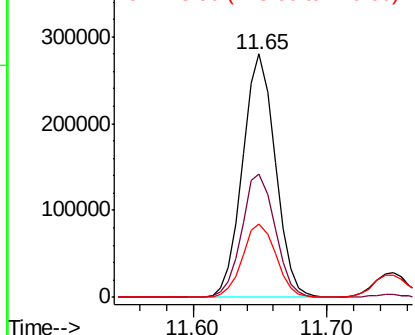
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

Tot Ion:117 Resp: 475494
Ion Ratio Lower Upper
117 100
82 50.7 39.9 59.9
119 30.4 24.9 37.3

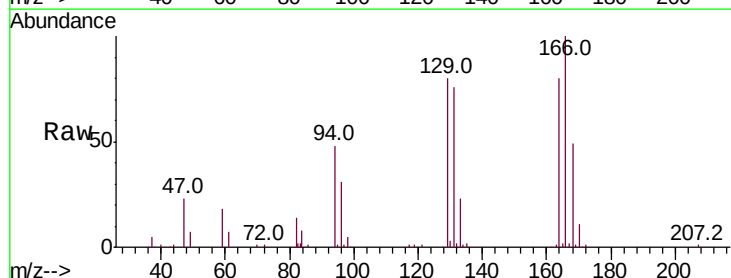


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

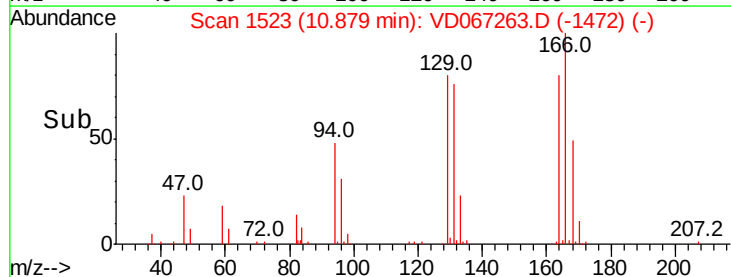
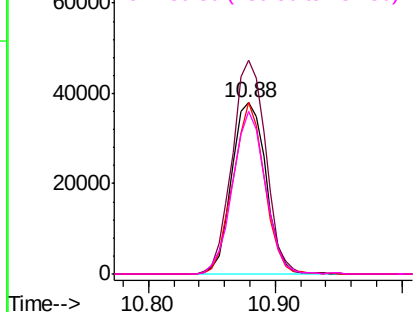


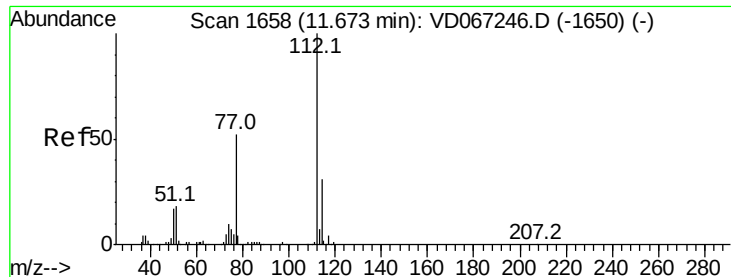
#64
Tetrachloroethene
Concen: 20.566 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion:164 Resp: 70852
Ion Ratio Lower Upper
164 100
166 124.8 107.3 160.9
129 100.4 77.3 115.9
131 94.9 71.4 107.2



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: 20.718 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

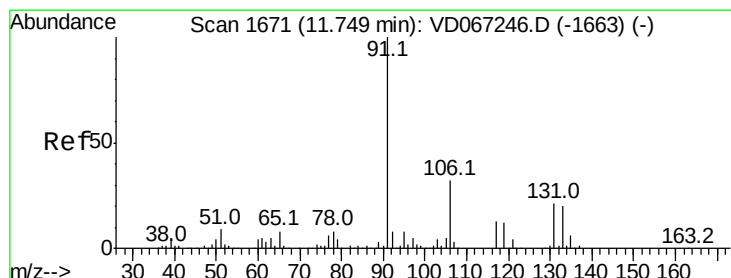
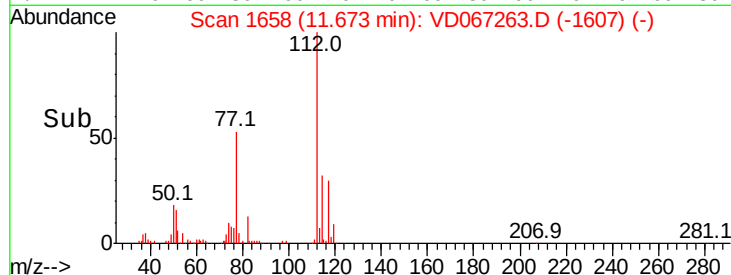
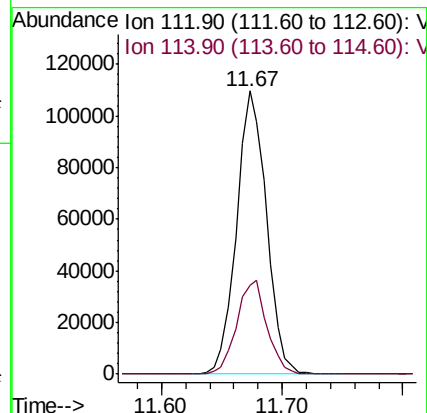
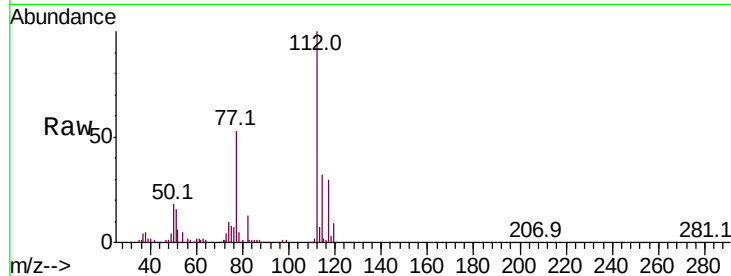
VD1014SBS01

Tot Ion:112 Resp: 188909

Ion Ratio Lower Upper

112 100

114 31.5 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.771 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

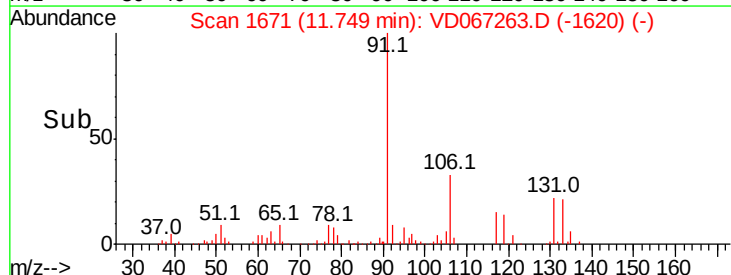
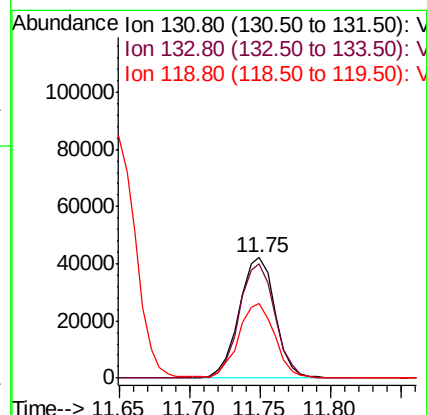
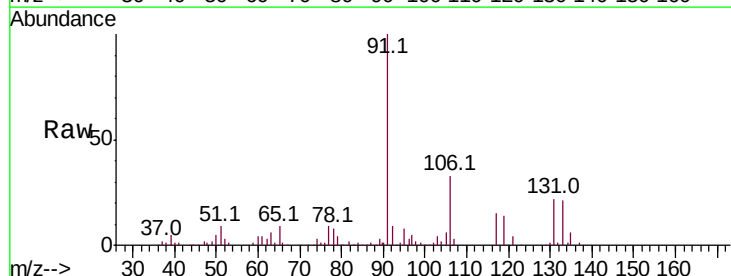
Tgt Ion:131 Resp: 75274

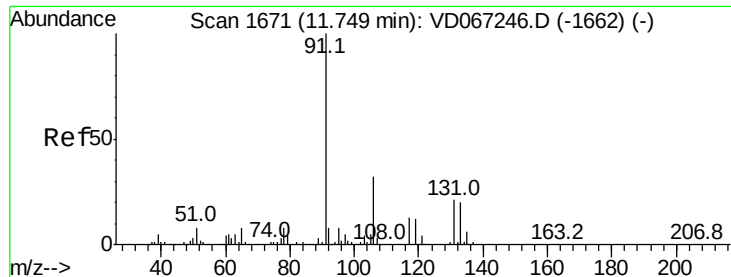
Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.3

119 62.7 30.0 90.0





#67

Ethyl Benzene

Concen: 20.537 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

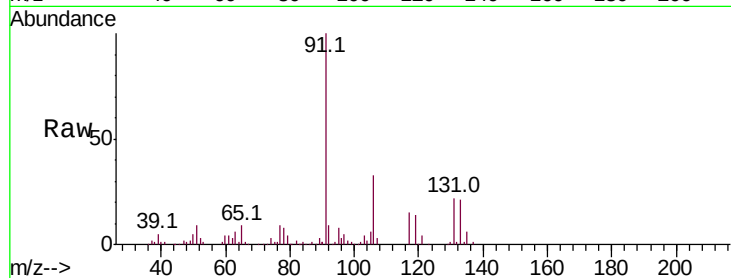
VD1014SBS01

Tot Ion: 91 Resp: 320996

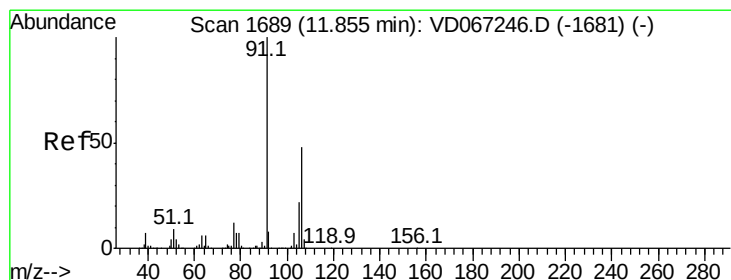
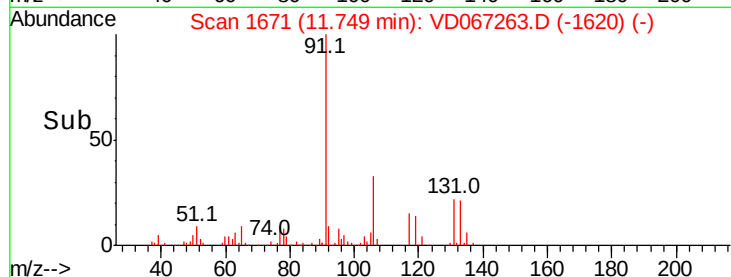
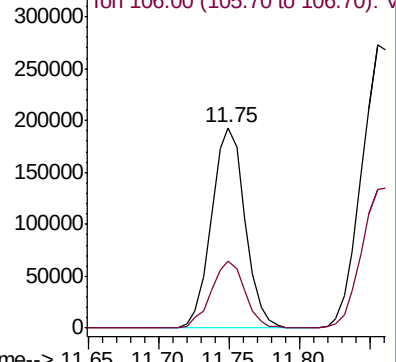
Ion Ratio Lower Upper

91 100

106 33.4 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VD067246.D (-1662) (-)



#68

m/p-Xylenes

Concen: 42.805 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067263.D

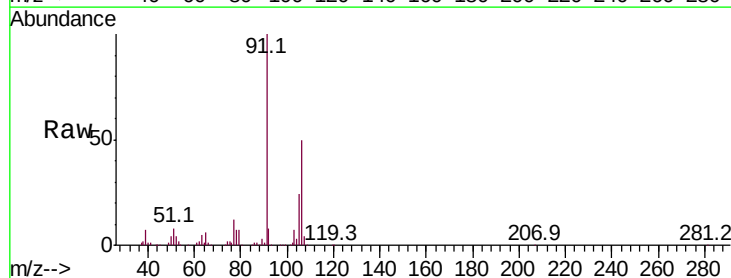
Acq: 14 Oct 2020 11:38

Tgt Ion: 106 Resp: 257640

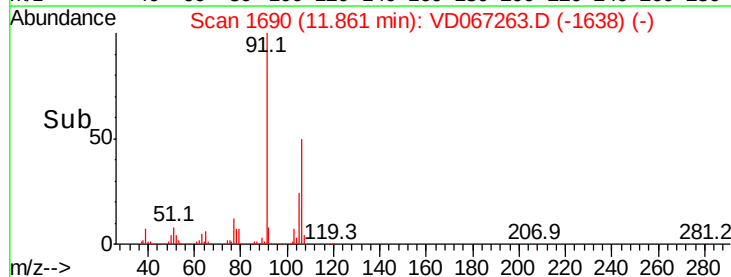
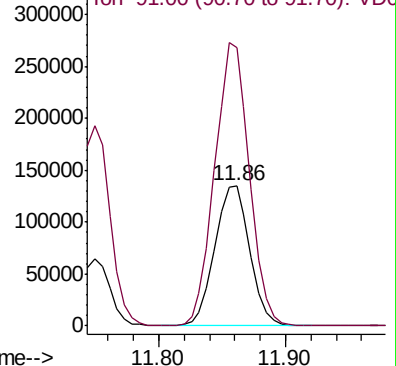
Ion Ratio Lower Upper

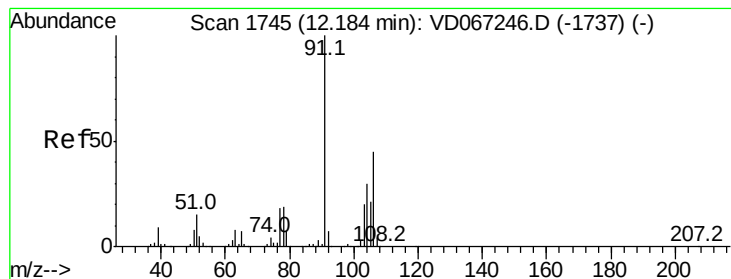
106 100

91 200.8 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VD067246.D (-1681) (-)





#69

o-Xylene

Concen: 20.329 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

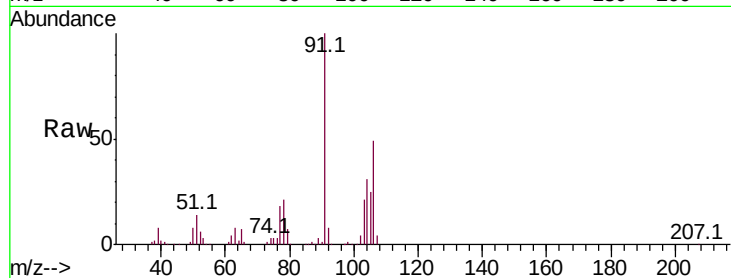
VD1014SBS01

Tot Ion:106 Resp: 113305

Ion Ratio Lower Upper

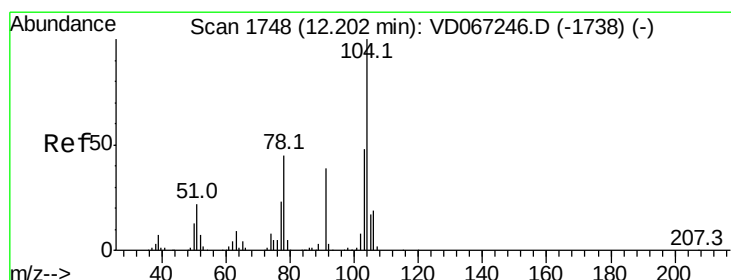
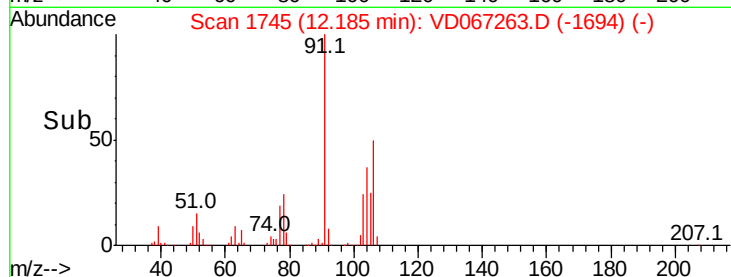
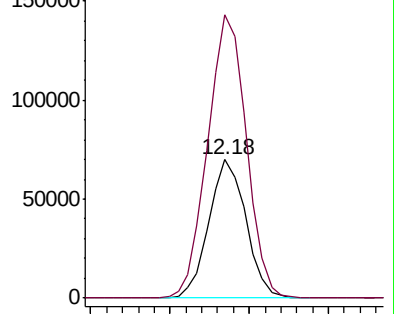
106 100

91 214.1 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#70

Styrene

Concen: 21.302 ug/l

RT: 12.20 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

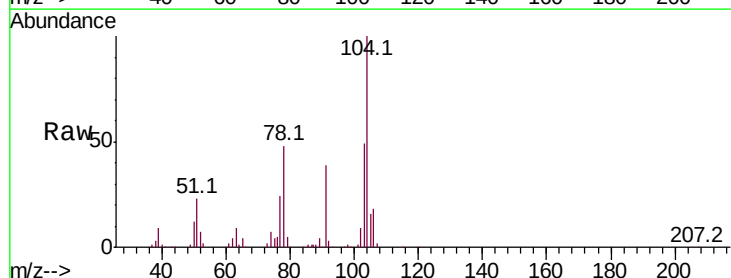
Tgt Ion:104 Resp: 204381

Ion Ratio Lower Upper

104 100

78 50.7 39.8 59.6

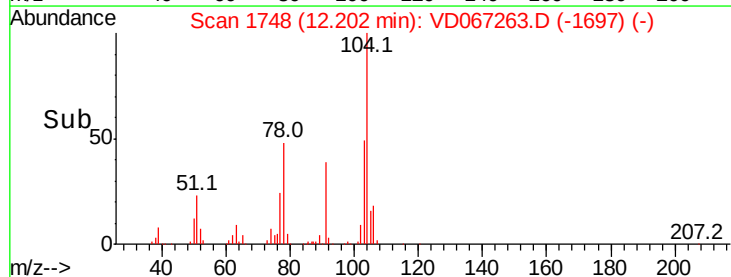
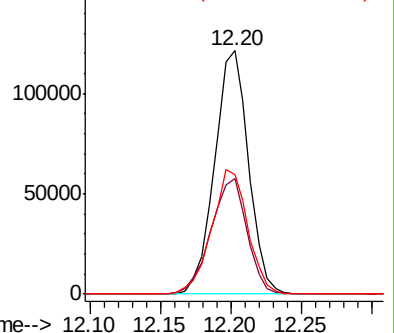
103 54.4 42.6 64.0

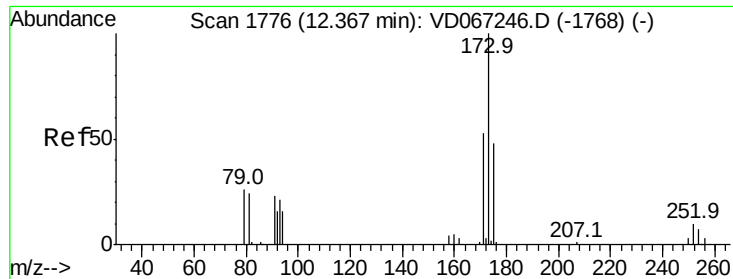


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VDC

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.820 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

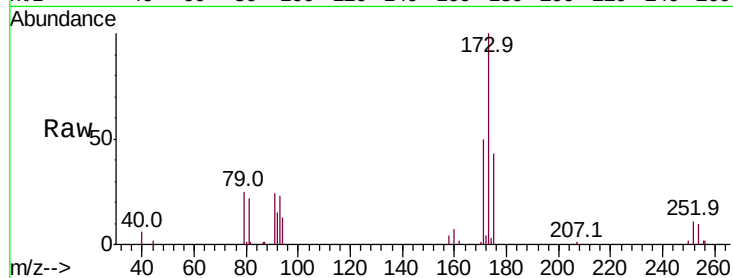
Tot Ion:173 Resp: 40533

Ion Ratio Lower Upper

173 100

175 48.0 24.2 72.6

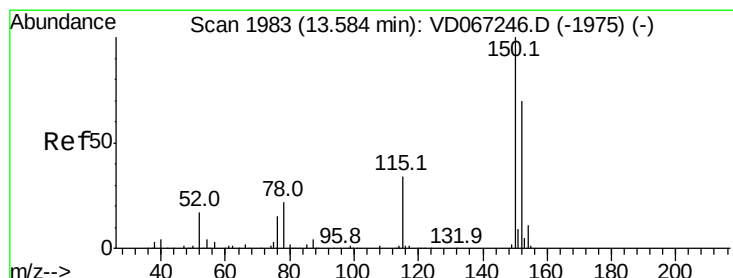
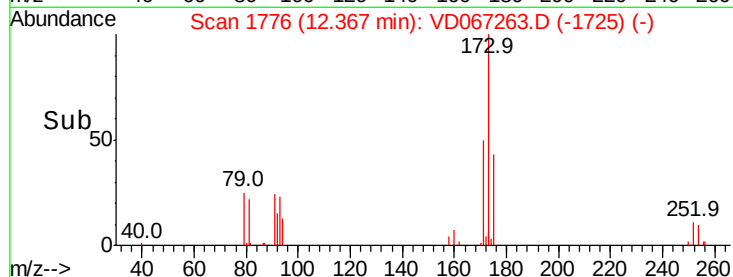
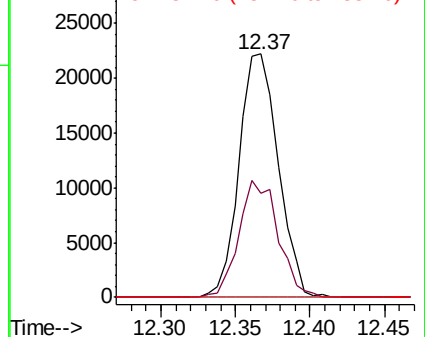
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

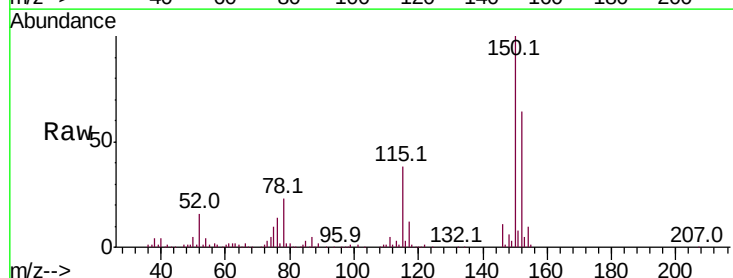
Tgt Ion:152 Resp: 240760

Ion Ratio Lower Upper

152 100

115 60.2 29.3 87.9

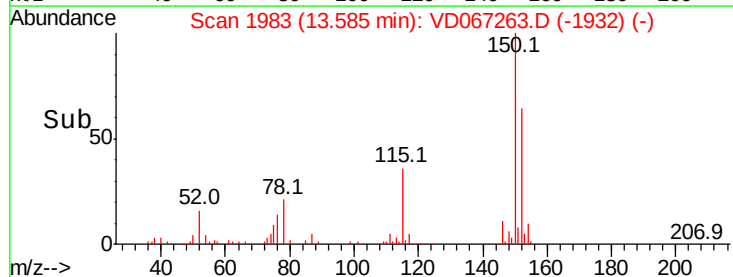
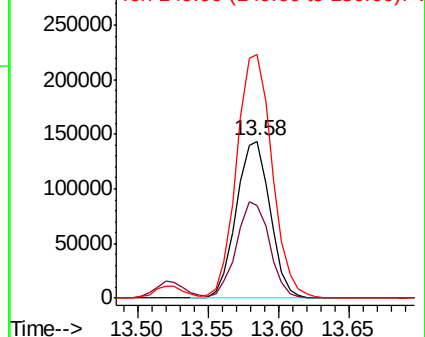
150 163.4 0.0 339.0

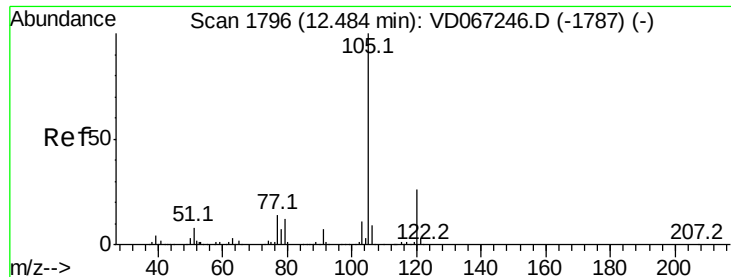


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.448 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

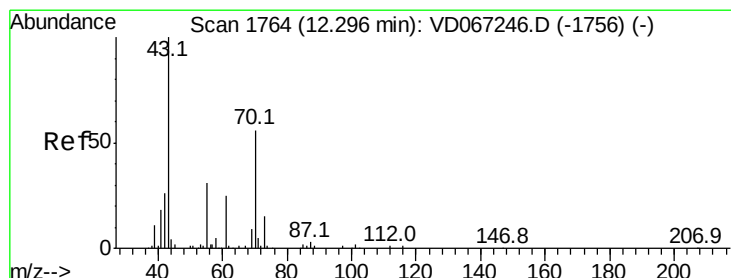
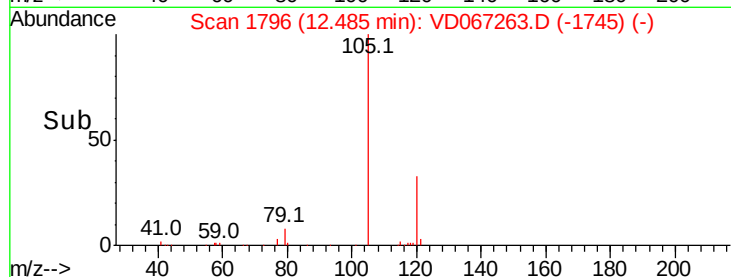
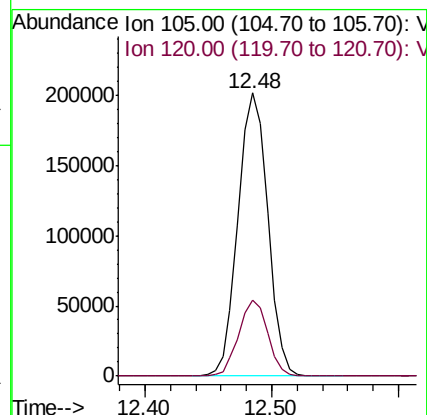
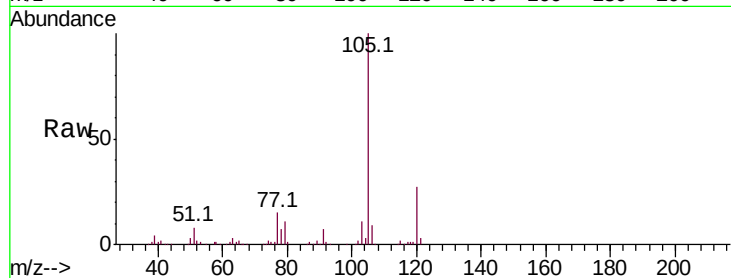
VD1014SBS01

Tot Ion:105 Resp: 327724

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8



#74

N-ethyl acetate

Concen: 20.831 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Tgt Ion: 43 Resp: 48074

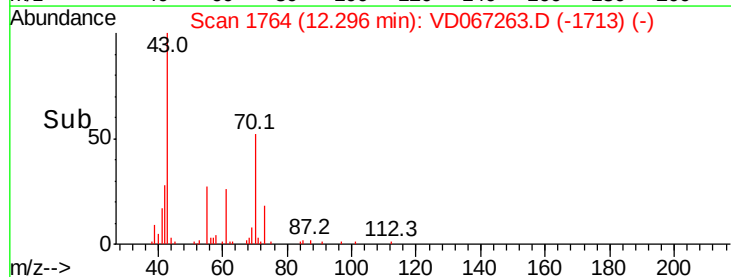
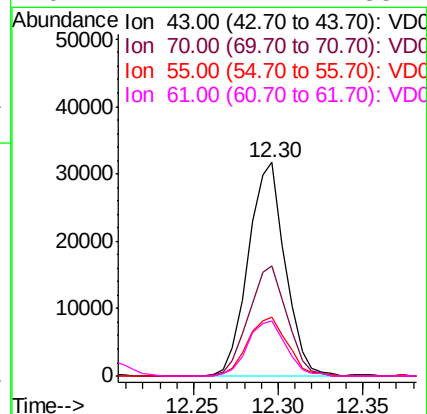
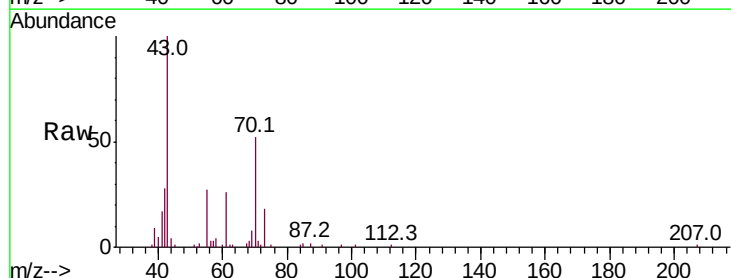
Ion Ratio Lower Upper

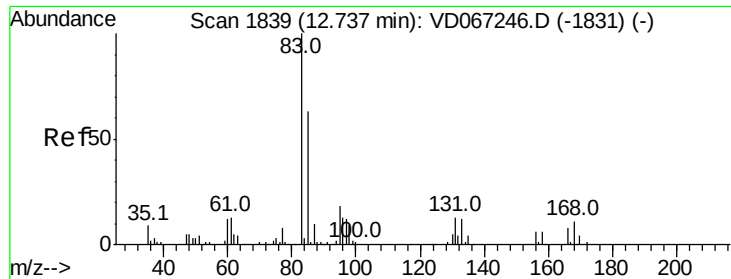
43 100

70 54.1 42.7 64.1

55 29.6 24.0 36.0

61 27.1 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.958 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

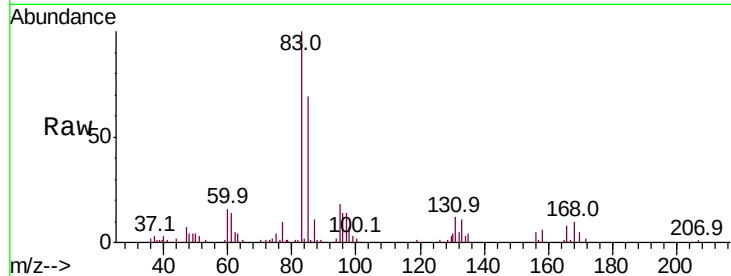
Tot Ion: 83 Resp: 46727

Ion	Ratio	Lower	Upper
83	100		
131	13.2	6.5	19.5
85	72.1	32.6	97.7

83 100

131 13.2 6.5 19.5

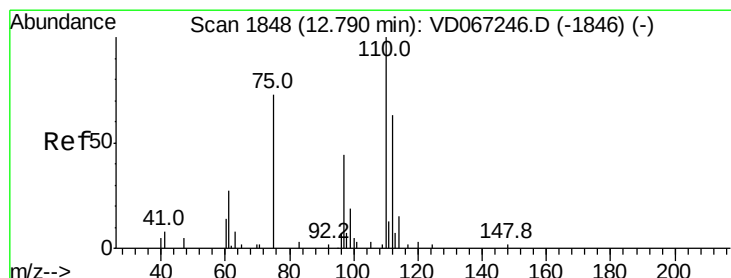
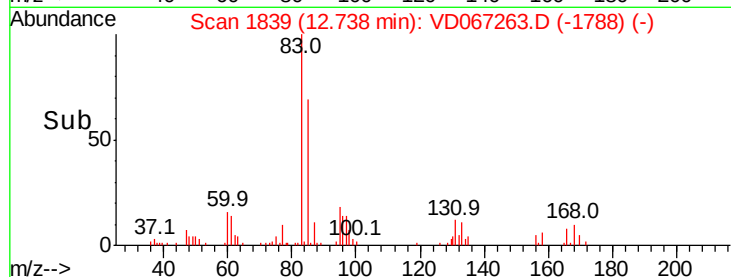
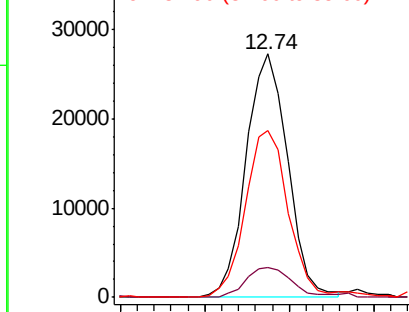
85 72.1 32.6 97.7



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: 40.335 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067263.D

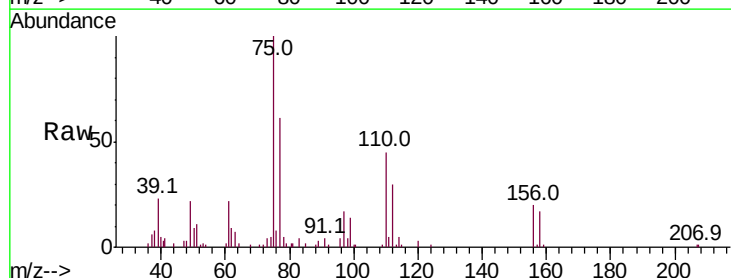
Acq: 14 Oct 2020 11:38

Tgt Ion: 75 Resp: 67307

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

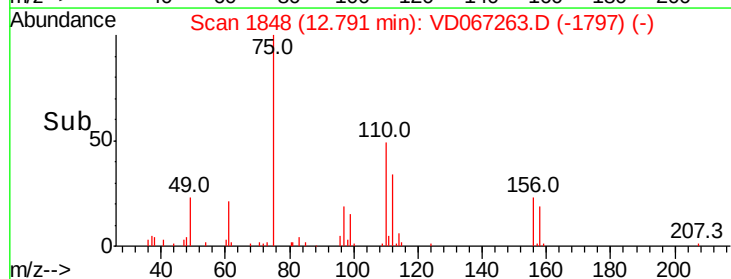
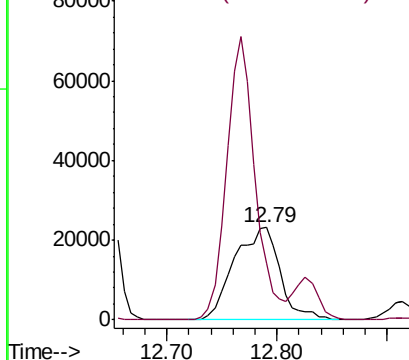
75 100

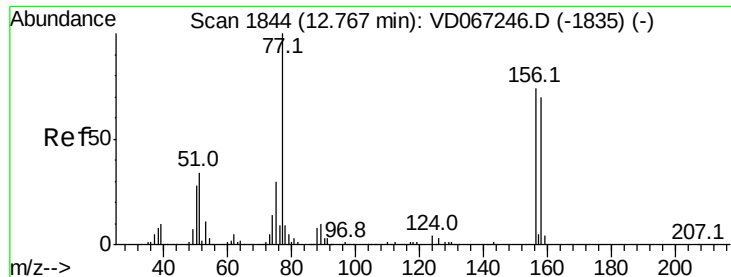
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.250 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

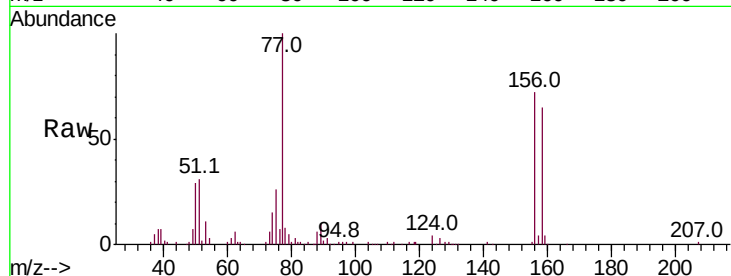
Tot Ion:156 Resp: 80953

Ion Ratio Lower Upper

156 100

77 159.2 78.0 233.8

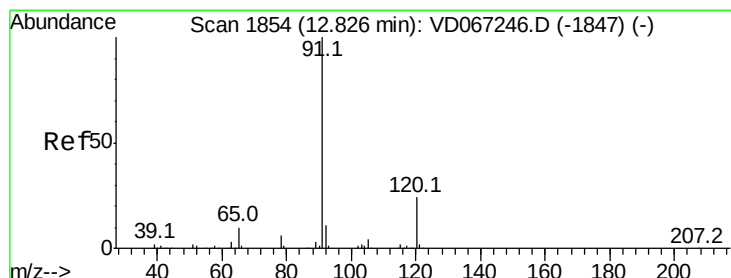
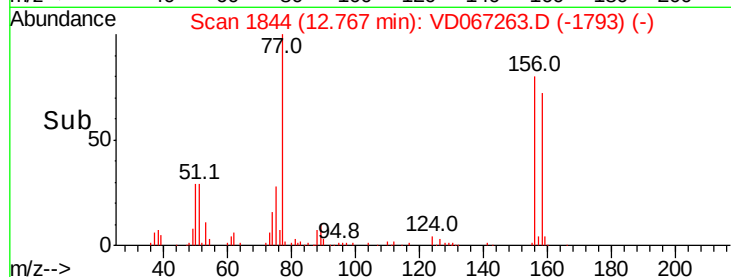
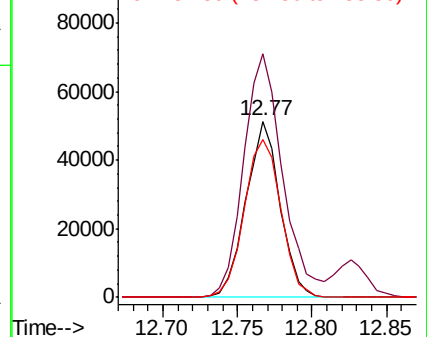
158 96.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.303 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067263.D

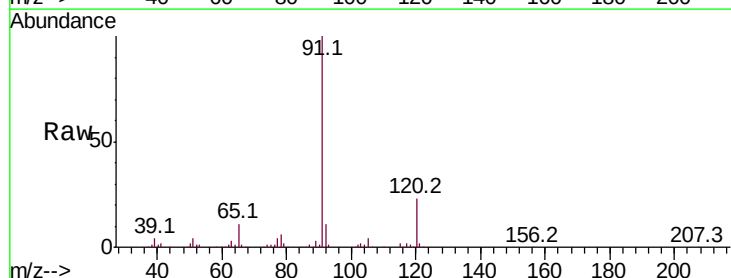
Acq: 14 Oct 2020 11:38

Tgt Ion: 91 Resp: 377151

Ion Ratio Lower Upper

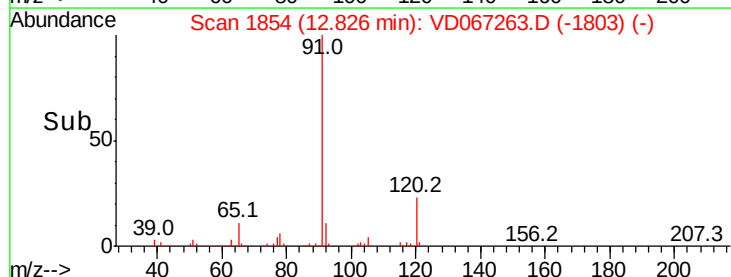
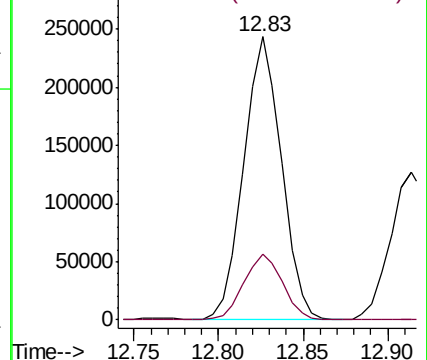
91 100

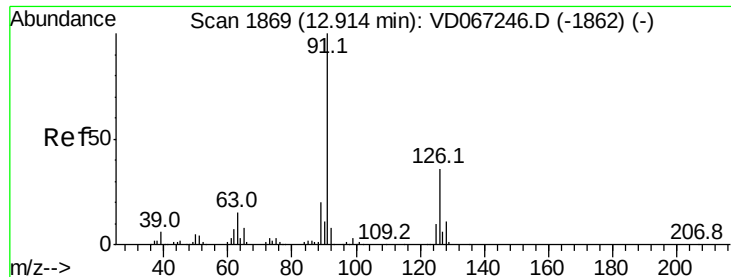
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.744 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

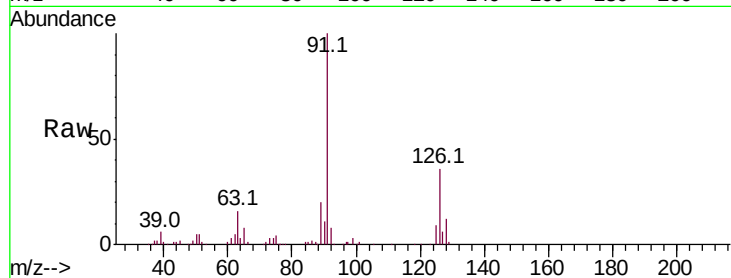
VD1014SBS01

Tot Ion: 91 Resp: 212973

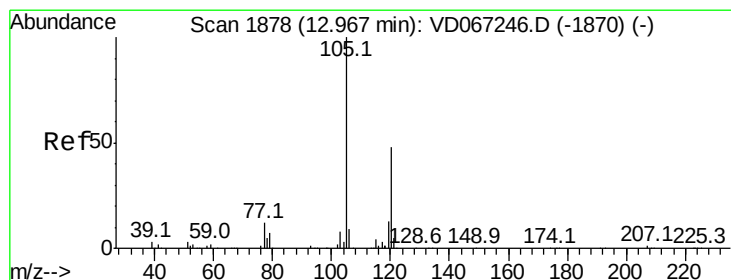
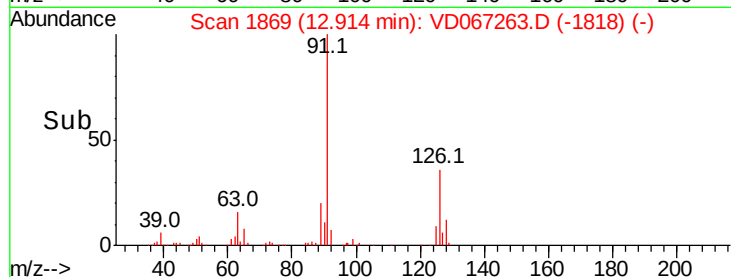
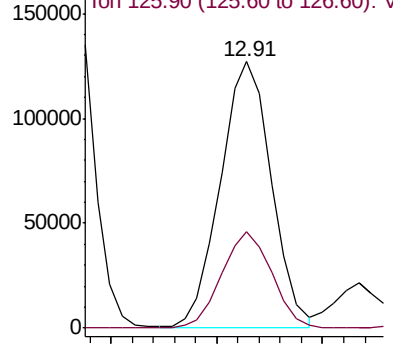
Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.091 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067263.D

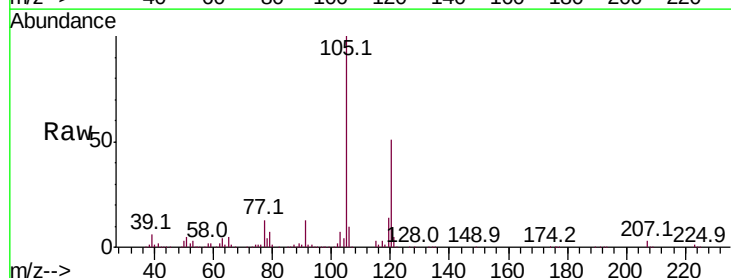
Acq: 14 Oct 2020 11:38

Tgt Ion: 105 Resp: 280058

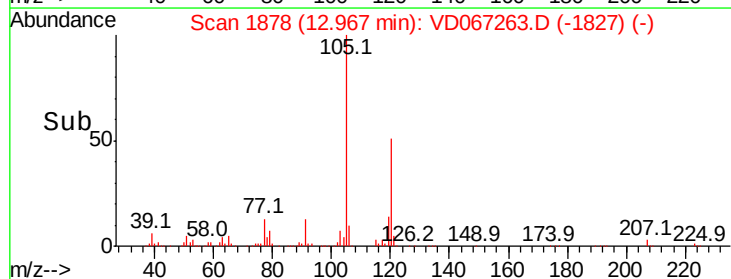
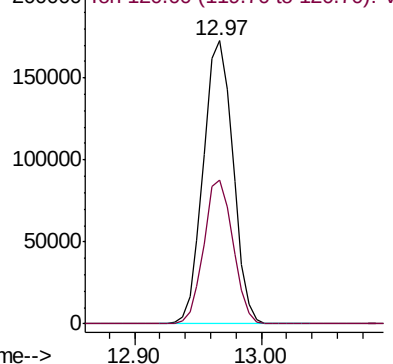
Ion Ratio Lower Upper

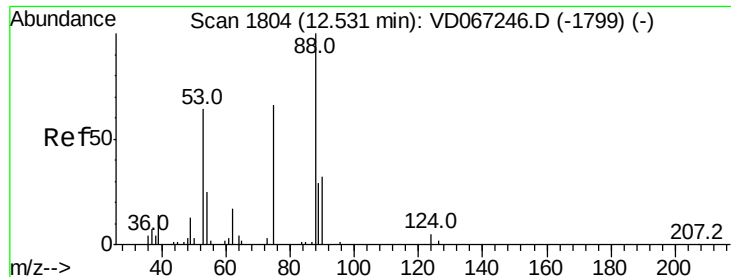
105 100

120 49.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

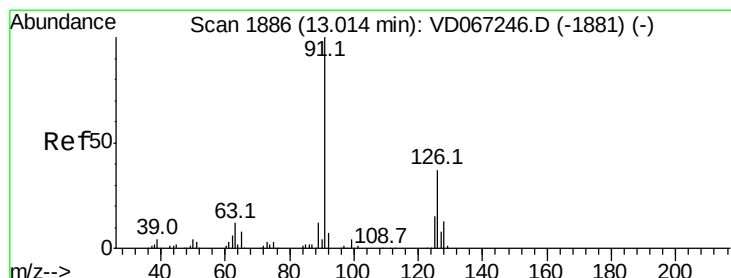
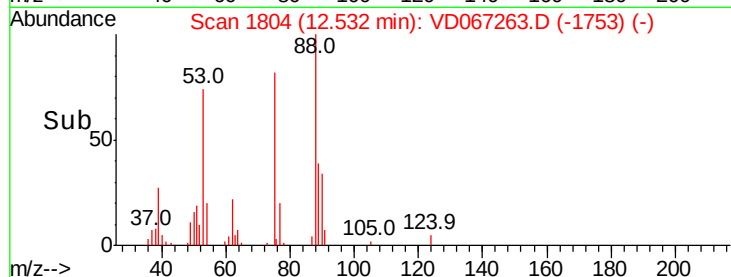
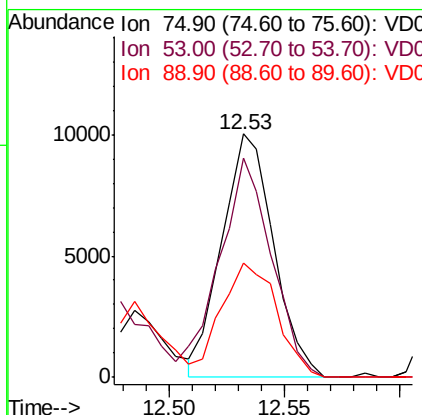
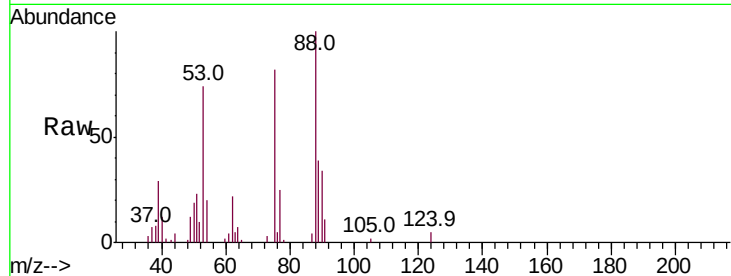




#81
trans-1,4-Dichloro-2-butene
Concen: 21.239 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

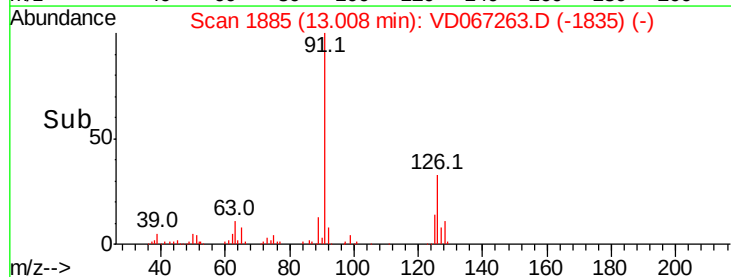
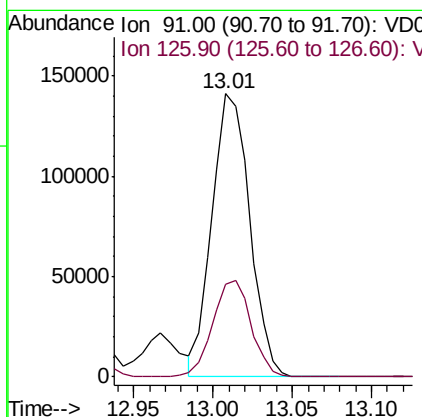
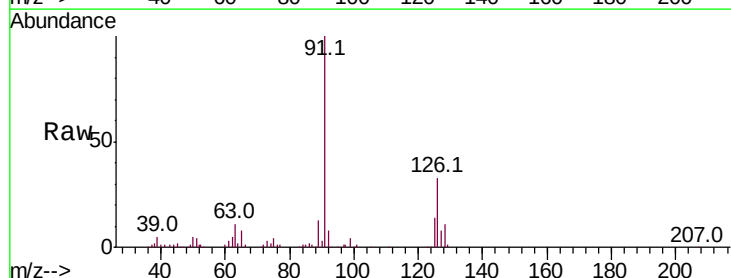
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

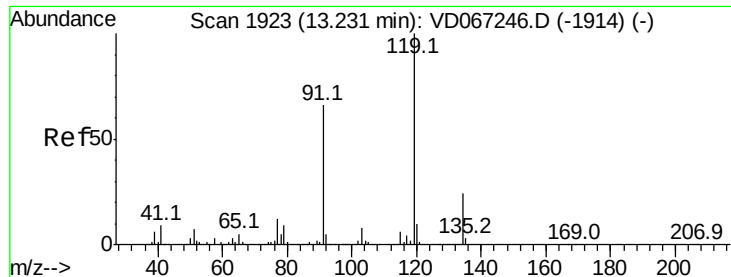
Tot Ion: 75 Resp: 15629
Ion Ratio Lower Upper
75 100
53 91.6 78.5 117.7
89 50.5 39.9 59.9



#82
4-Chlorotoluene
Concen: 21.468 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion: 91 Resp: 233932
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.5

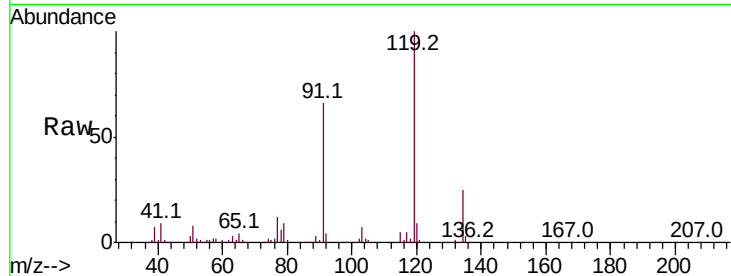




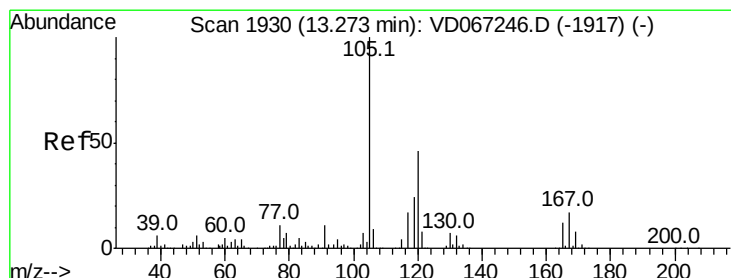
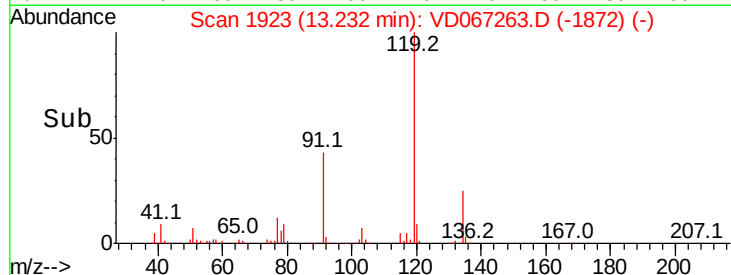
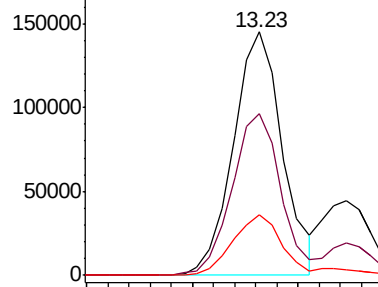
#83
 tert-Butylbenzene
 Concen: 20.909 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

Tot Ion:119 Resp: 234527
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.1 99.2
 134 25.6 13.3 39.9

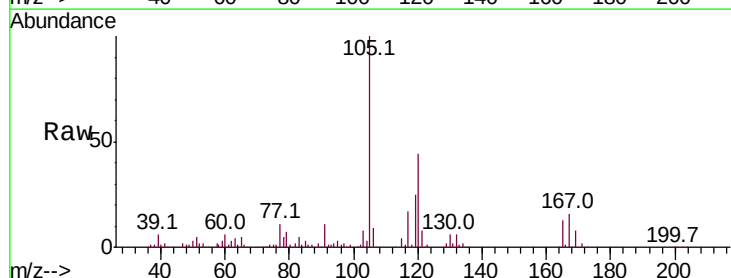


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

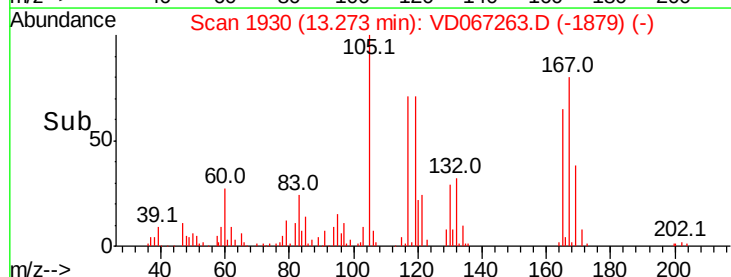
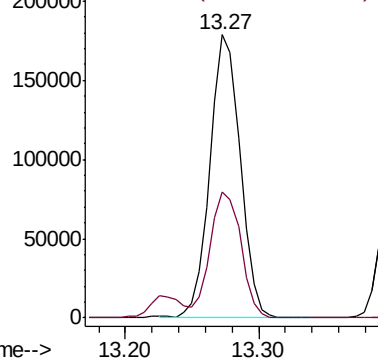


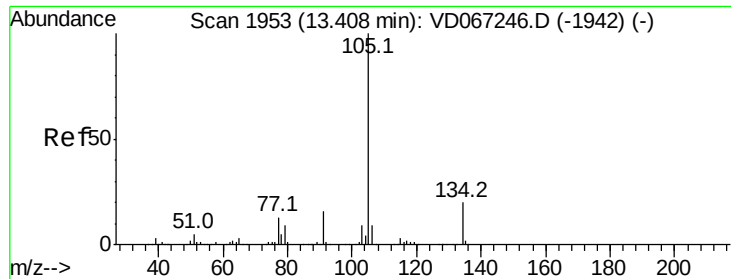
#84
 1,2,4-Trimethylbenzene
 Concen: 21.391 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Tgt Ion:105 Resp: 280735
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3



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





#85

sec-Butylbenzene

Concen: 20.965 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

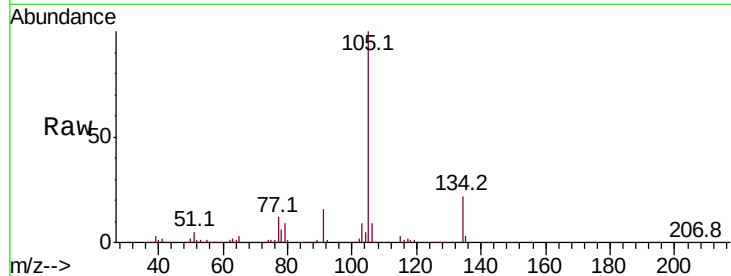
VD1014SBS01

Tot Ion:105 Resp: 322667

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

200000

150000

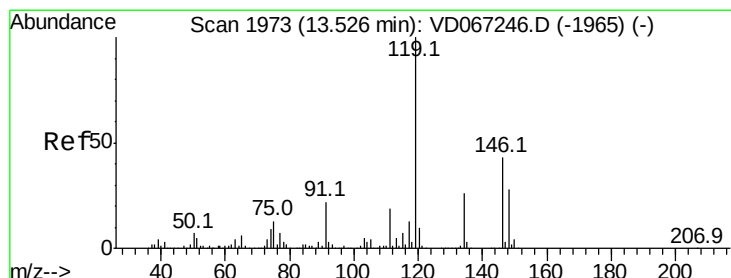
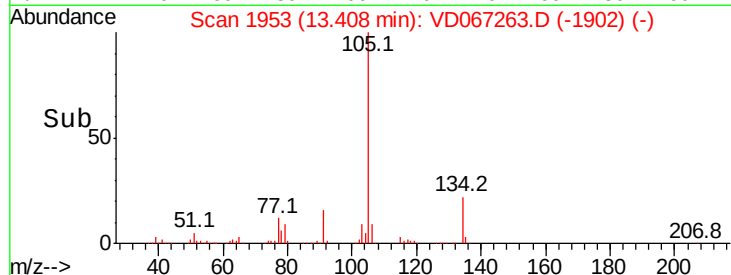
100000

50000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 21.572 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067263.D

Acq: 14 Oct 2020 11:38

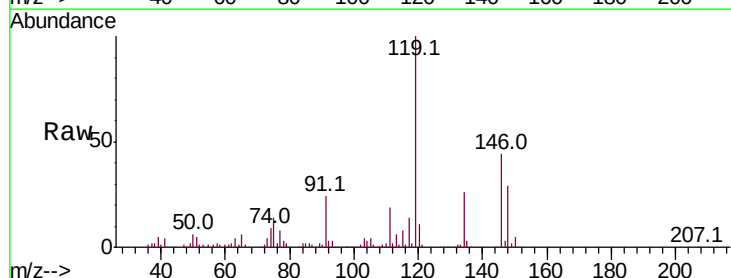
Tgt Ion:119 Resp: 313372

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 23.1 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

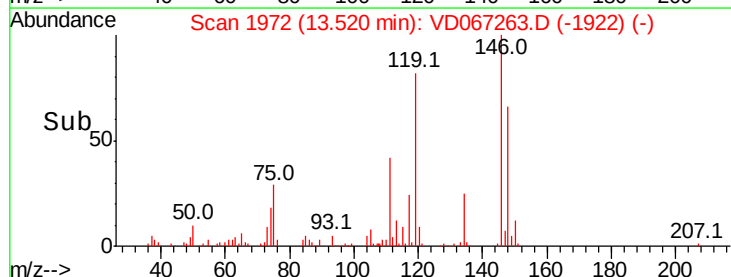
100000

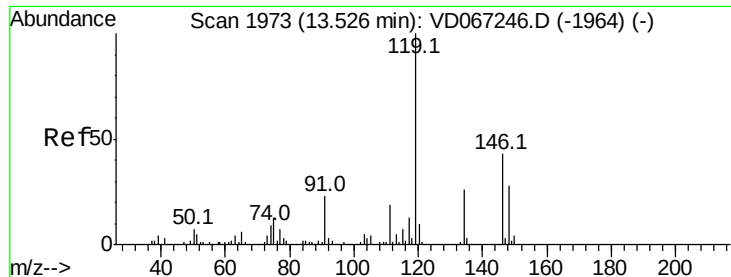
50000

0

13.45 13.50 13.55 13.60

Time-->

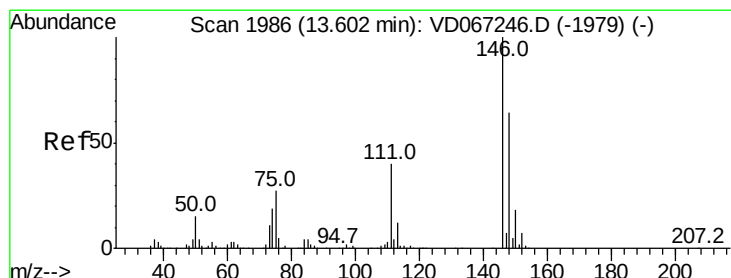
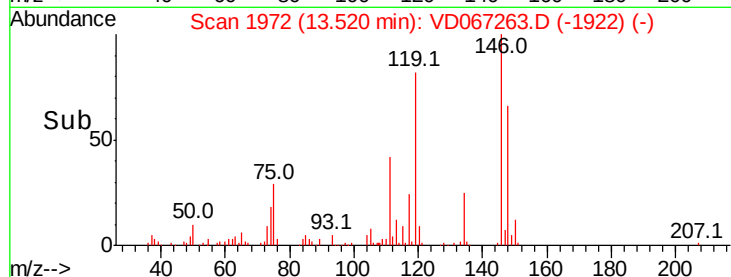
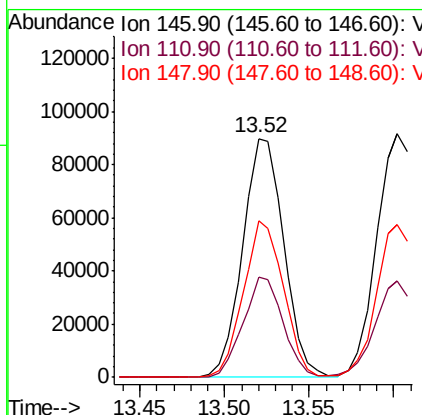
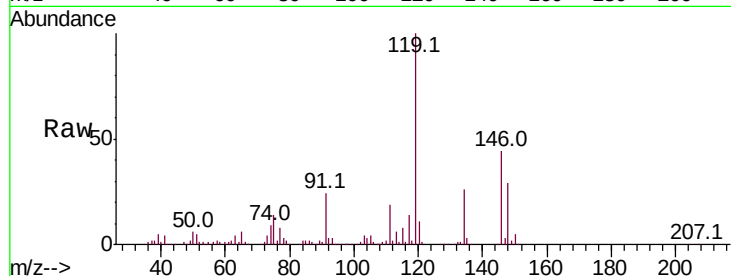




#87
 1,3-Dichlorobenzene
 Concen: 20.779 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

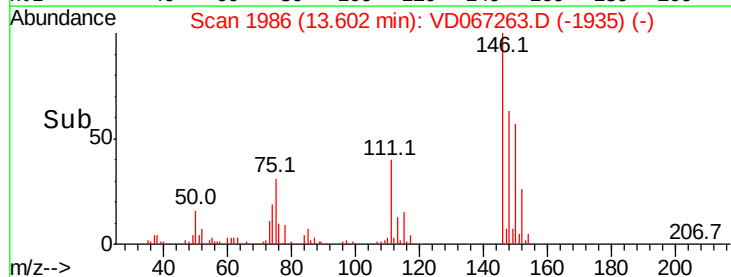
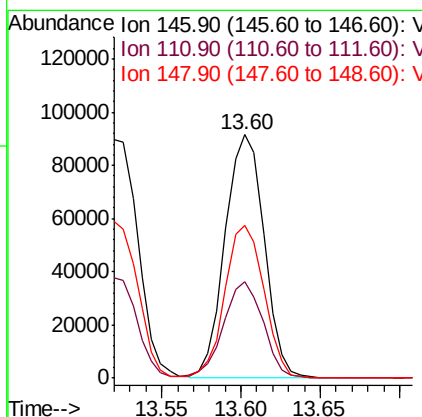
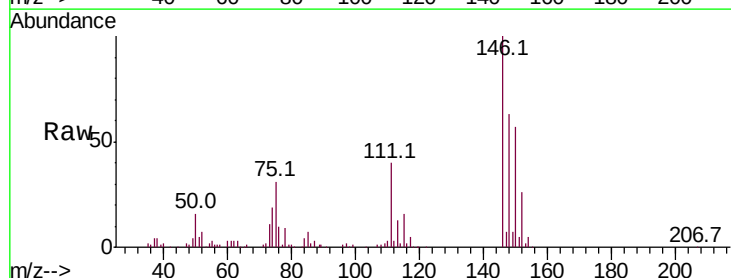
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

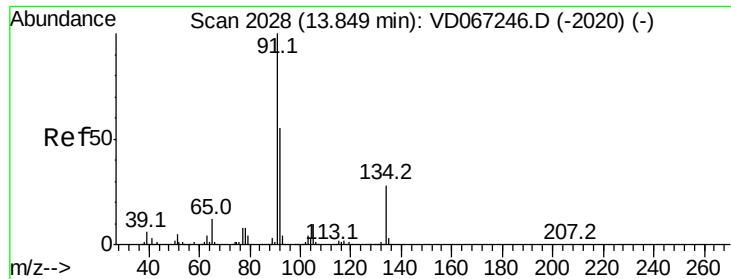
Tot Ion:146 Resp: 152363
 Ion Ratio Lower Upper
 146 100
 111 40.7 21.1 63.3
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 21.558 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Tgt Ion:146 Resp: 156608
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.7
 148 62.9 31.9 95.9

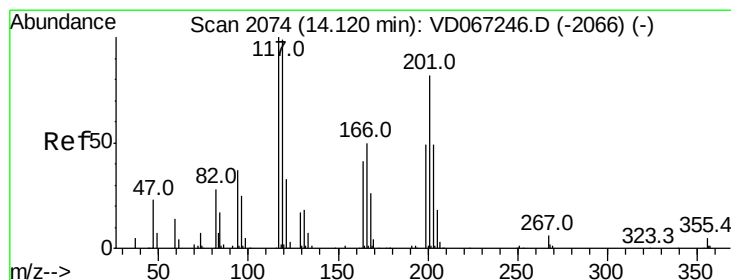
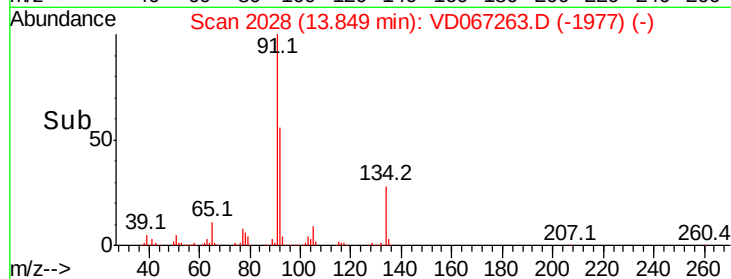
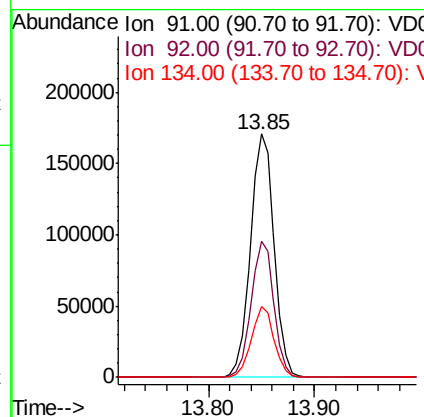
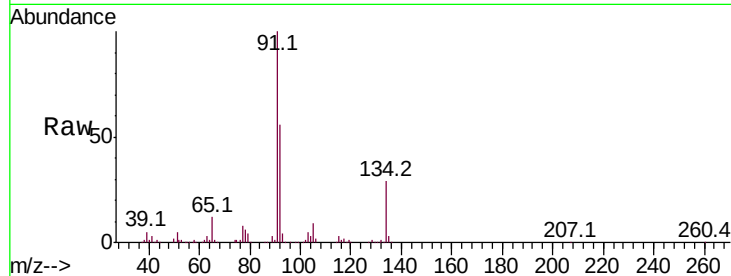




#89
n-Butylbenzene
Concen: 20.735 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

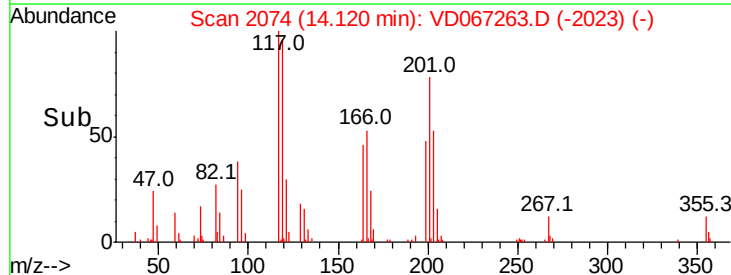
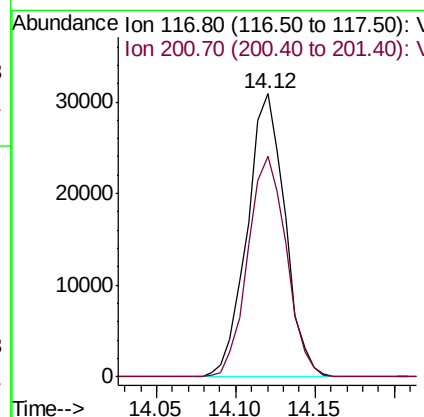
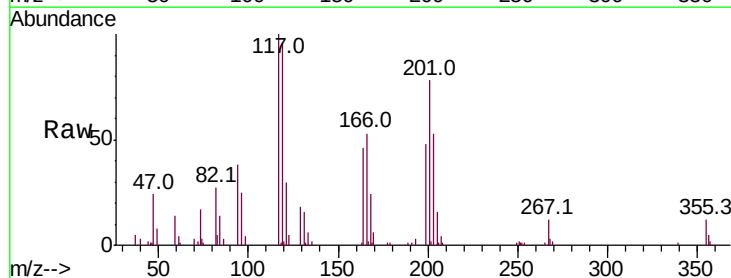
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

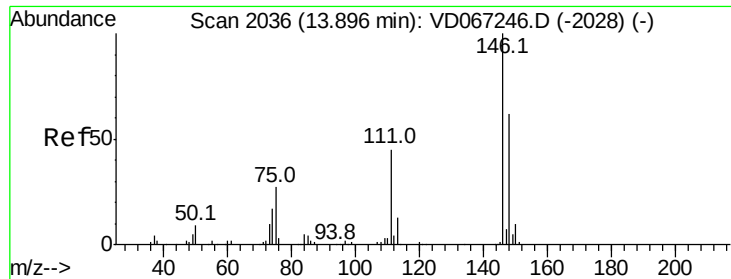
Tot Ion: 91 Resp: 264990
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.0
134 28.0 14.2 42.6



#90
Hexachloroethane
Concen: 20.209 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion: 117 Resp: 51230
Ion Ratio Lower Upper
117 100
201 79.6 40.8 122.2

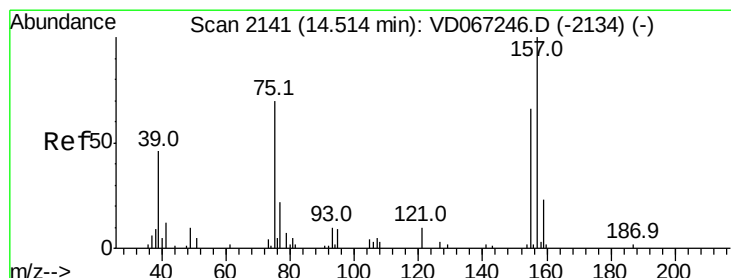
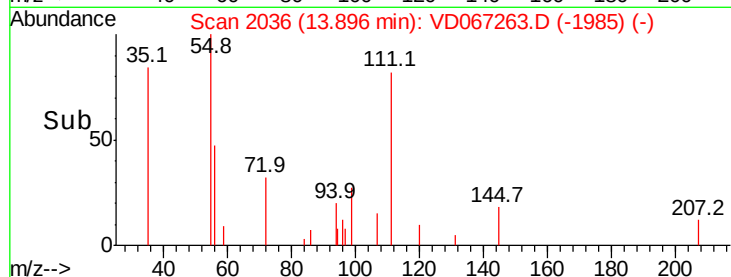
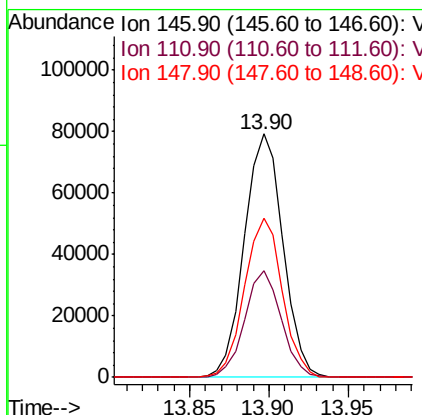
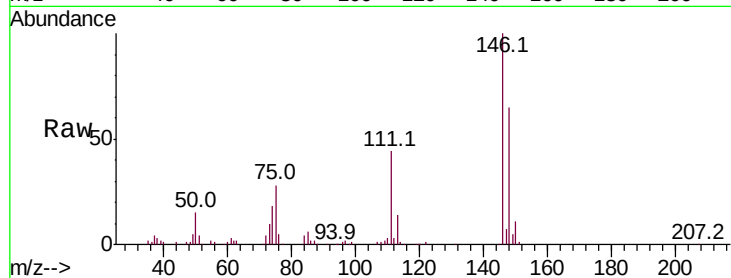




#91
 1,2-Dichlorobenzene
 Concen: 20.955 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

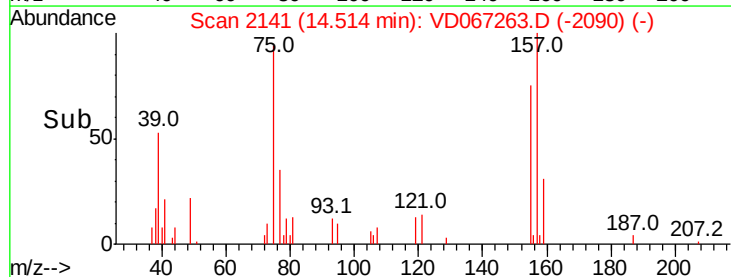
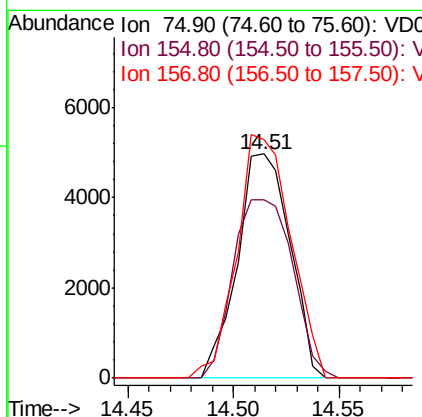
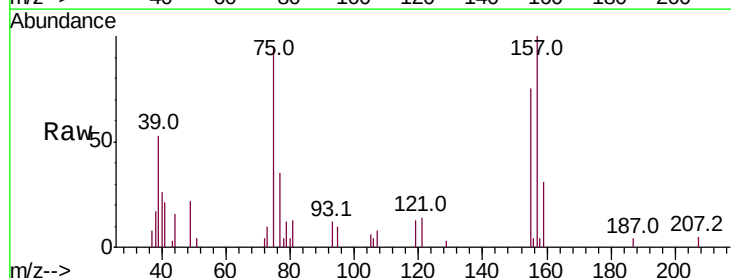
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

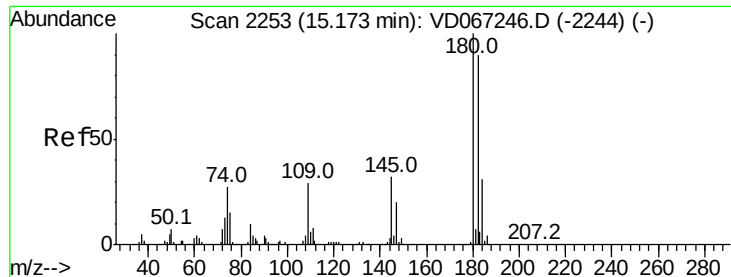
Tot Ion:146 Resp: 134226
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.0 66.0
 148 63.9 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.290 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Tgt Ion: 75 Resp: 8630
 Ion Ratio Lower Upper
 75 100
 155 90.1 44.8 134.4
 157 110.6 62.5 187.4

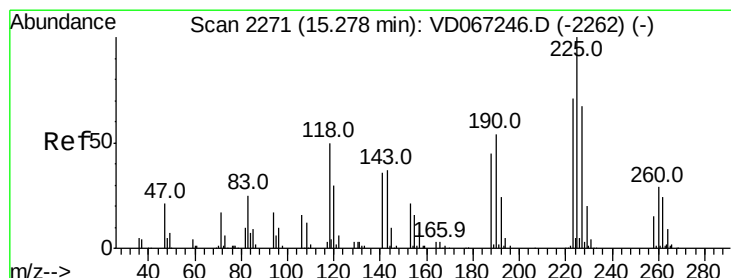
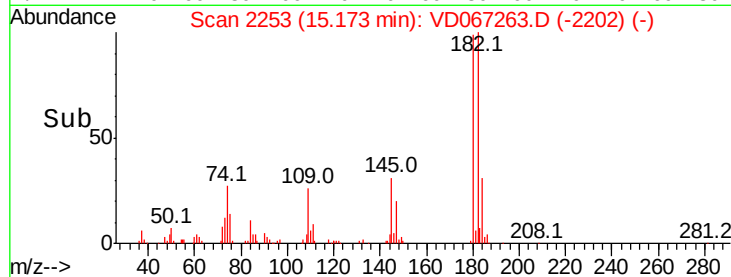
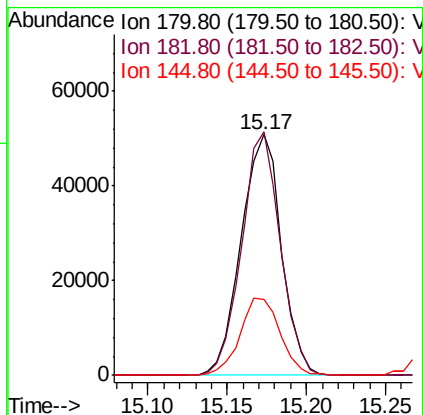
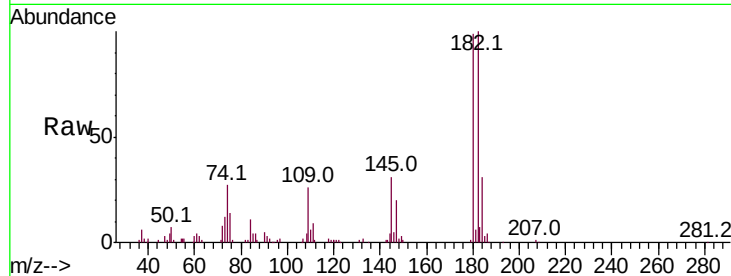




#93
 1,2,4-Trichlorobenzene
 Concen: 20.729 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

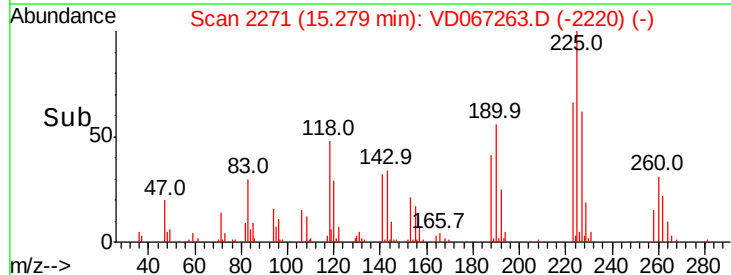
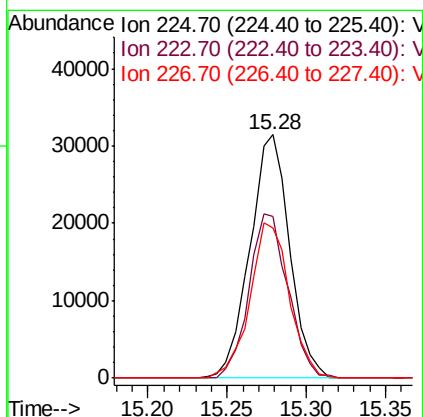
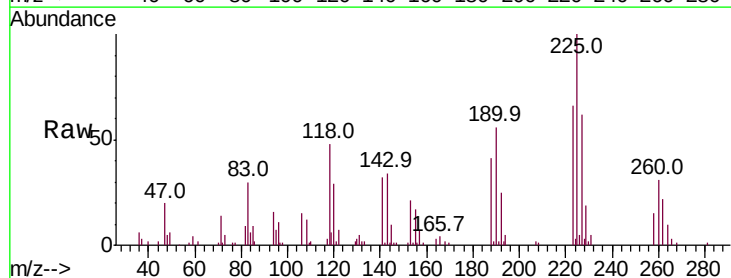
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

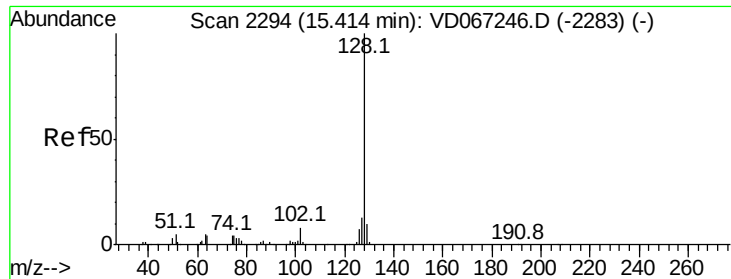
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.1	144.4
145	32.1	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 20.431 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067263.D
 Acq: 14 Oct 2020 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.9	95.7
227	63.4	31.2	93.6

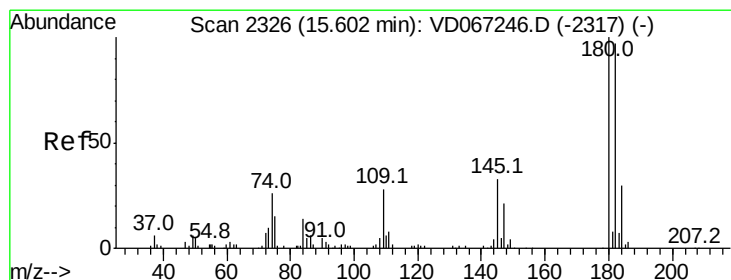
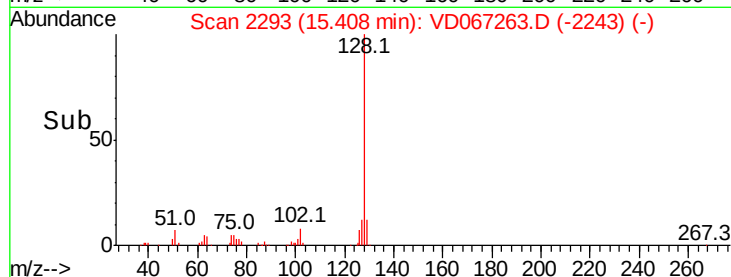
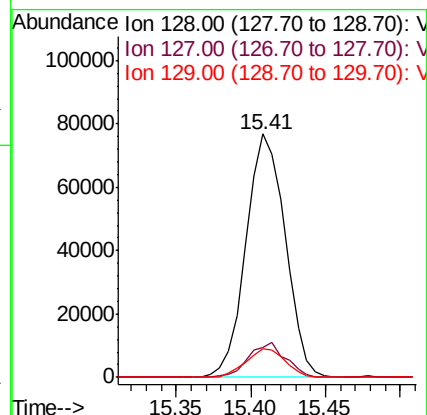
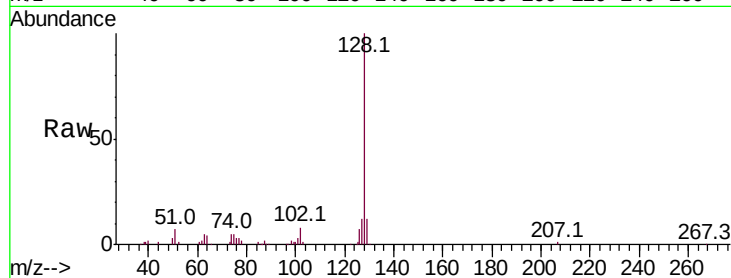




#95
Naphthalene
Concen: 19.690 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

Tot Ion:128 Resp: 139613
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.200 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067263.D
Acq: 14 Oct 2020 11:38

Tgt Ion:180 Resp: 79100
Ion Ratio Lower Upper
180 100
182 93.1 48.1 144.3
145 31.2 17.3 51.9

