

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067700.D
 Acq On : 19 Nov 2020 11:33
 Operator : VA/SY
 Sample : VD1119SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Quant Time: Nov 20 00:28:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	267248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	394701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	356077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	182307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	111203	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
35) Dibromofluoromethane	7.92	113	113646	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	10.34	98	391882	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
62) 4-Bromofluorobenzene	12.64	95	140840	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	52358	21.622	ug/l	92
3) Chloromethane	2.21	50	32105	19.291	ug/l	94
4) Vinyl Chloride	2.35	62	34786	18.748	ug/l	99
5) Bromomethane	2.77	94	30808	20.486	ug/l	95
6) Chloroethane	2.93	64	23942	20.930	ug/l	99
7) Trichlorofluoromethane	3.28	101	105231	21.904	ug/l	96
8) Diethyl Ether	3.70	74	20321	20.992	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	53265	21.965	ug/l	98
10) Methyl Iodide	4.30	142	47652	18.334	ug/l	97
11) Tert butyl alcohol	5.20	59	24236	239.852	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	46893	21.023	ug/l	95
13) Acrolein	3.92	56	4421	66.143	ug/l	94
14) Allyl chloride	4.71	41	46732	19.575	ug/l	96
15) Acrylonitrile	5.43	53	36807	102.859	ug/l	99
16) Acetone	4.16	43	35143	100.498	ug/l	98
17) Carbon Disulfide	4.41	76	128059	18.735	ug/l	100
18) Methyl Acetate	4.71	43	15082	20.871	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	95367	21.675	ug/l	95
20) Methylene Chloride	4.96	84	60374	24.441	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	52955	20.383	ug/l	97
22) Diisopropyl ether	6.36	45	98710	21.218	ug/l	97
23) Vinyl Acetate	6.31	43	257060	105.561	ug/l	99
24) 1,1-Dichloroethane	6.27	63	82596	21.702	ug/l	98
25) 2-Butanone	7.21	43	39995	107.039	ug/l	98
26) 2,2-Dichloropropane	7.21	77	89615	22.311	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	58001	21.508	ug/l	97
28) Bromochloromethane	7.55	49	25876	19.114	ug/l	95
29) Tetrahydrofuran	7.57	42	23931	106.922	ug/l	99
30) Chloroform	7.71	83	103102	22.708	ug/l	95
31) Cyclohexane	7.99	56	66294	19.560	ug/l #	84
32) 1,1,1-Trichloroethane	7.90	97	104806	22.372	ug/l	99
36) 1,1-Dichloropropene	8.11	75	71401	21.133	ug/l	99
37) Ethyl Acetate	7.29	43	17663	20.137	ug/l #	91
38) Carbon Tetrachloride	8.10	117	98025	22.331	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	82180	20.666	ug/l	91
40) Benzene	8.36	78	197231	21.551	ug/l	100
41) Methacrylonitrile	7.53	41	12598	24.028	ug/l	87
42) 1,2-Dichloroethane	8.43	62	64635	22.859	ug/l	100
43) Isopropyl Acetate	8.46	43	36870	21.254	ug/l	99
44) Trichloroethene	9.11	130	64350	21.385	ug/l	87
45) 1,2-Dichloropropane	9.39	63	42818	21.640	ug/l	99
46) Dibromomethane	9.48	93	26523	21.082	ug/l	94
47) Bromodichloromethane	9.66	83	76883	22.484	ug/l	98
48) Methyl methacrylate	9.46	41	16164	18.047	ug/l #	78
49) 1,4-Dioxane	9.47	88	5370	420.457	ug/l #	31
51) 4-Methyl-2-Pentanone	10.23	43	89389	107.745	ug/l	98
52) Toluene	10.41	92	137025	22.354	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	66067	22.559	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	74409	21.384	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	37507	22.532	ug/l	97
56) Ethyl methacrylate	10.66	69	35869	20.866	ug/l	98
57) 1,3-Dichloropropane	10.95	76	57925	21.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	83918	104.686	ug/l	98
59) 2-Hexanone	10.98	43	61929	106.760	ug/l	100
60) Dibromochloromethane	11.14	129	56193	22.820	ug/l	100
61) 1,2-Dibromoethane	11.25	107	36208	21.673	ug/l	95
64) Tetrachloroethene	10.88	164	58554	22.204	ug/l	97
65) Chlorobenzene	11.67	112	152352	22.212	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	60453	22.362	ug/l	100
67) Ethyl Benzene	11.75	91	262365	22.353	ug/l	100
68) m/p-Xylenes	11.86	106	207850	45.519	ug/l	99
69) o-Xylene	12.18	106	92166	22.607	ug/l	97
70) Styrene	12.20	104	161101	22.677	ug/l	100
71) Bromoform	12.36	173	30420	22.064	ug/l #	96
73) Isopropylbenzene	12.48	105	267009	22.662	ug/l	98
74) N-amyl acetate	12.29	43	32726	21.109	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	36910	22.973	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	47620	43.300	ug/l #	100
77) Bromobenzene	12.77	156	62827	21.713	ug/l	98
78) n-propylbenzene	12.83	91	298298	22.134	ug/l	98
79) 2-Chlorotoluene	12.91	91	168779	22.047	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	226660	22.520	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11415	21.073	ug/l	94
82) 4-Chlorotoluene	13.01	91	180575	21.993	ug/l	99
83) tert-Butylbenzene	13.23	119	195268	22.892	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	223362	22.294	ug/l	97
85) sec-Butylbenzene	13.41	105	257319	22.346	ug/l	99
86) p-Isopropyltoluene	13.52	119	246592	22.176	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	122372	22.164	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	121146	21.669	ug/l	98
89) n-Butylbenzene	13.85	91	208382	21.695	ug/l	99
90) Hexachloroethane	14.11	117	47020	22.454	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	106847	22.360	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6127	21.539	ug/l	99

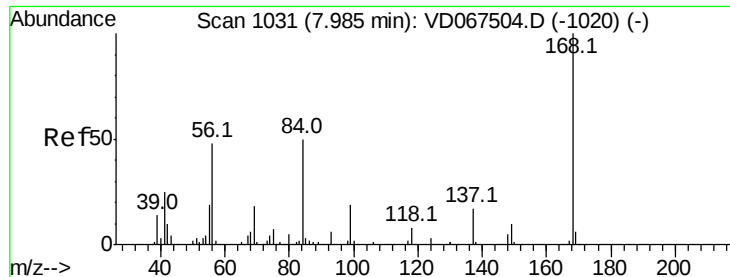
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	69131	21.315	ug/l	99
94) Hexachlorobutadiene	15.27	225	45070	20.764	ug/l	99
95) Naphthalene	15.41	128	108834	21.744	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	58818	21.178	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

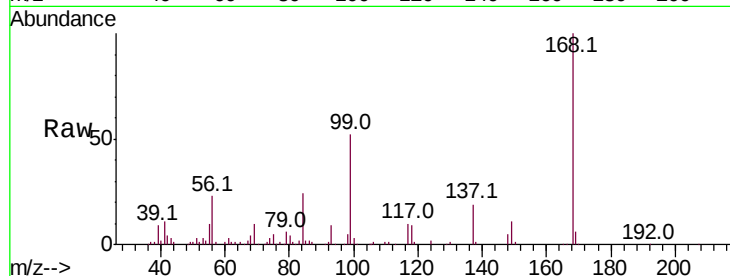
VD1119SBS01

Tot Ion:168 Resp: 267248

Ion Ratio Lower Upper

168 100

99 52.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

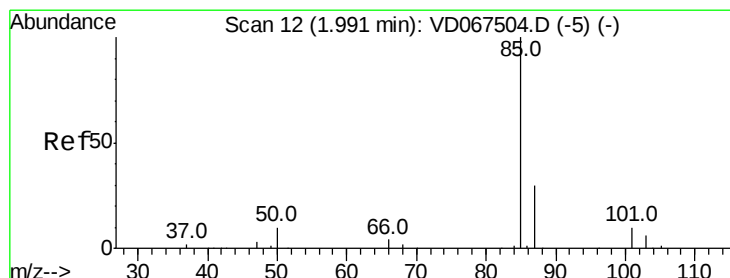
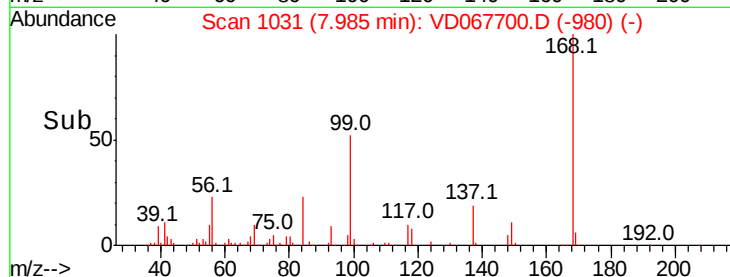
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 21.622 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067700.D

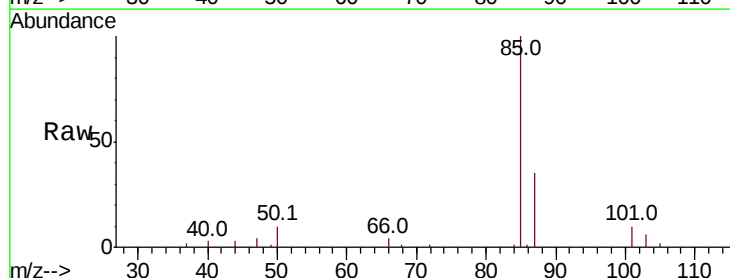
Acq: 19 Nov 2020 11:33

Tgt Ion: 85 Resp: 52358

Ion Ratio Lower Upper

85 100

87 34.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

30000

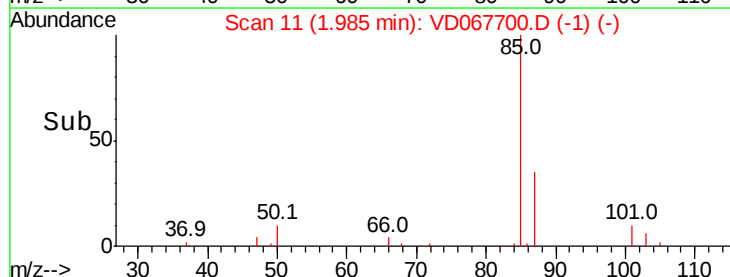
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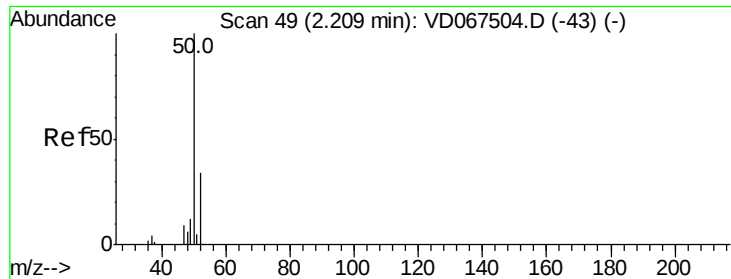
10000

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Time-->

1.95 2.00 2.05





#3

Chloromethane

Concen: 19.291 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

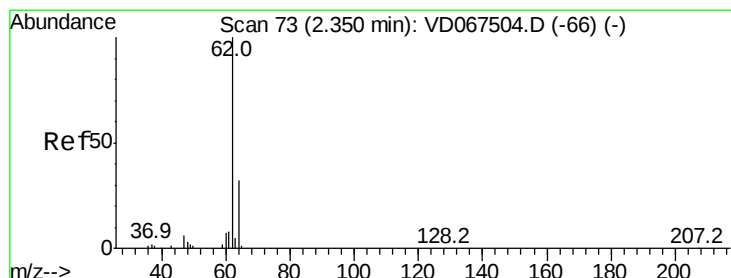
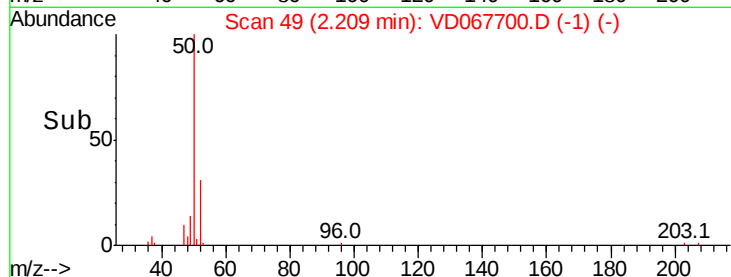
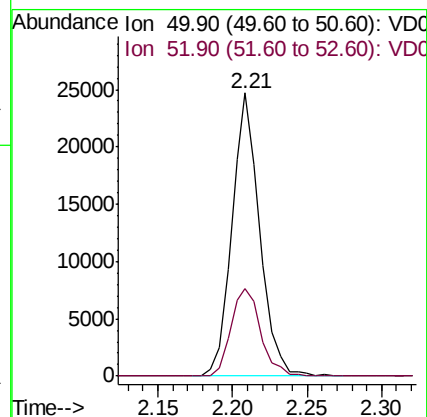
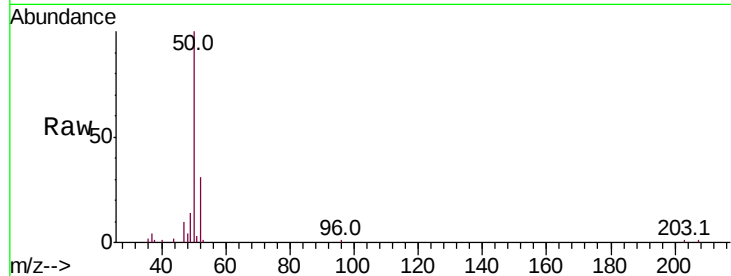
VD1119SBS01

Tot Ion: 50 Resp: 32105

Ion Ratio Lower Upper

50 100

52 30.9 27.3 40.9



#4

Vinyl Chloride

Concen: 18.748 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067700.D

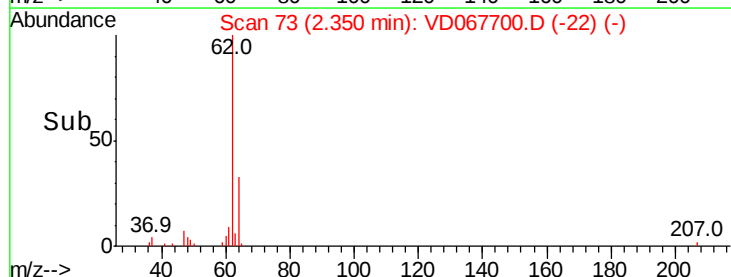
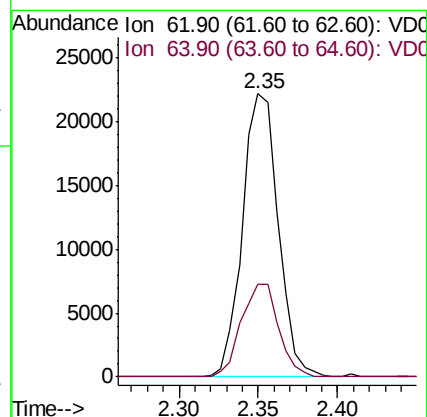
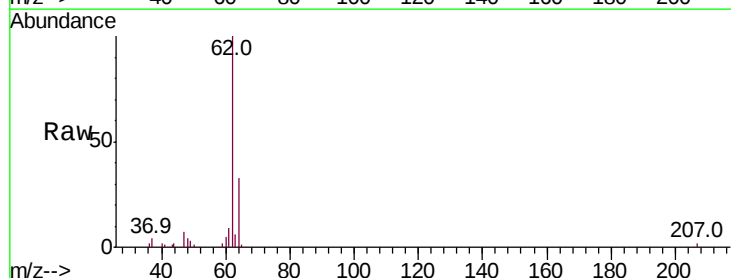
Acq: 19 Nov 2020 11:33

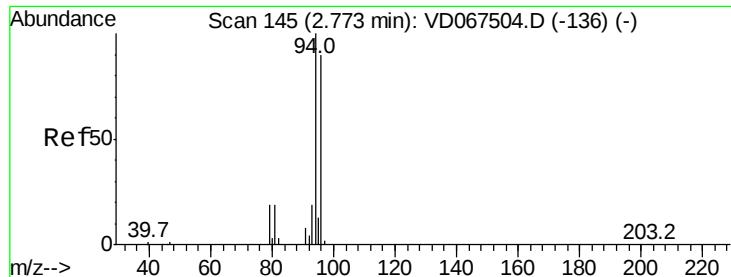
Tgt Ion: 62 Resp: 34786

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





#5

Bromomethane

Concen: 20.486 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

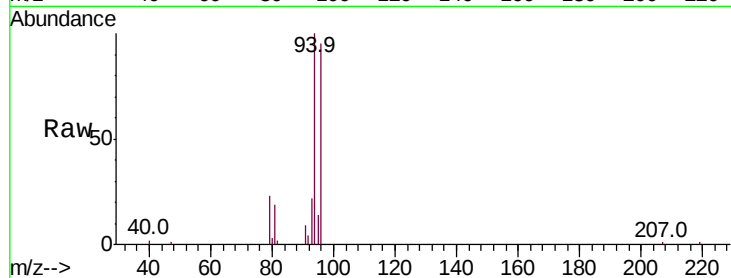
VD1119SBS01

Tot Ion: 94 Resp: 30808

Ion Ratio Lower Upper

94 100

96 94.6 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

15000

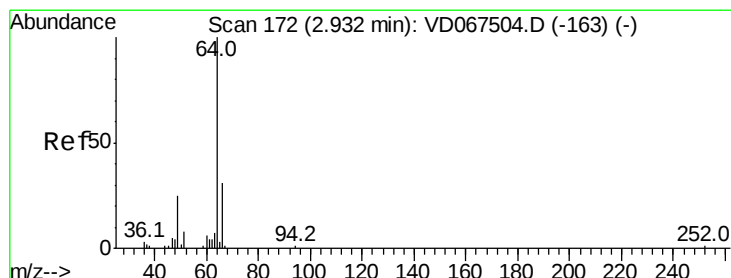
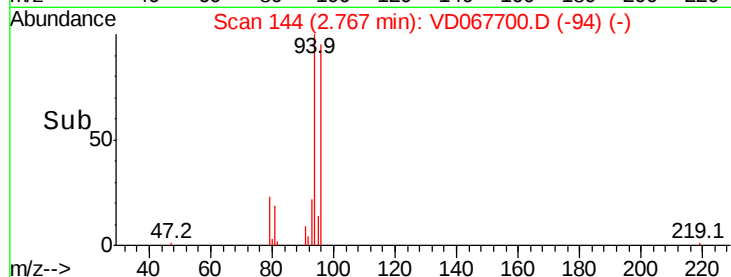
10000

5000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 20.930 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067700.D

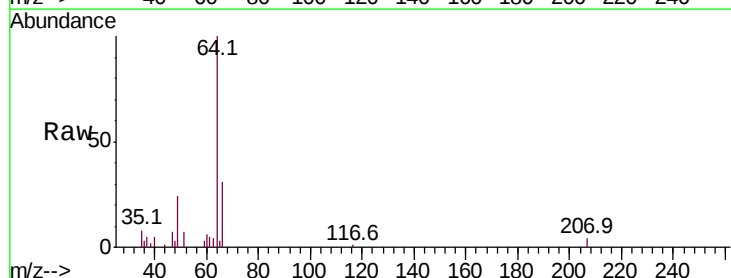
Acq: 19 Nov 2020 11:33

Tgt Ion: 64 Resp: 23942

Ion Ratio Lower Upper

64 100

66 31.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

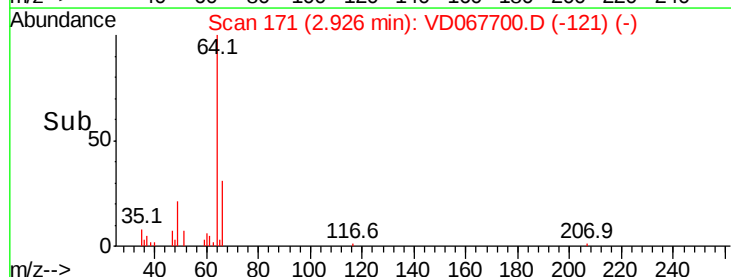
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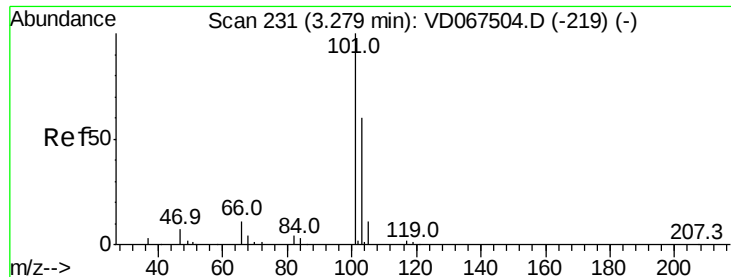
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0

2.85 2.90 2.95 3.00

Time-->



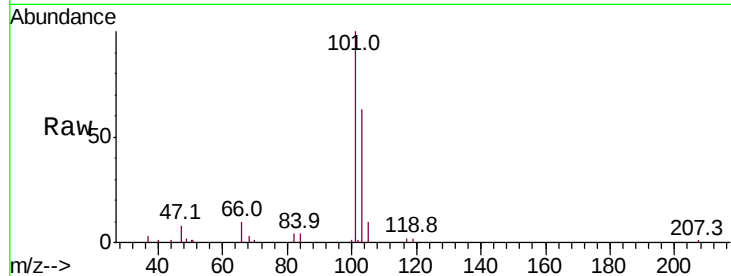


#7

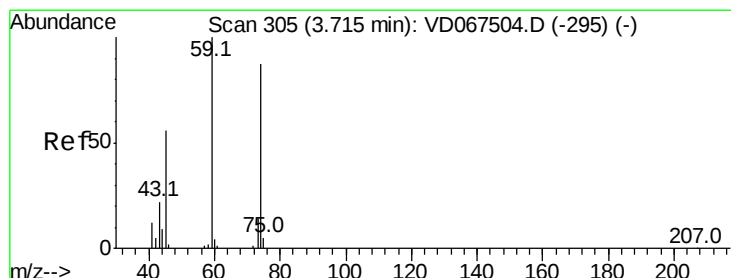
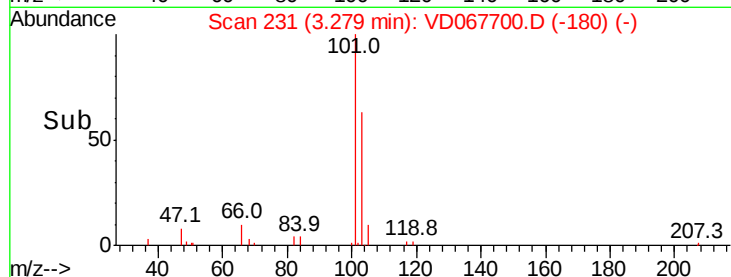
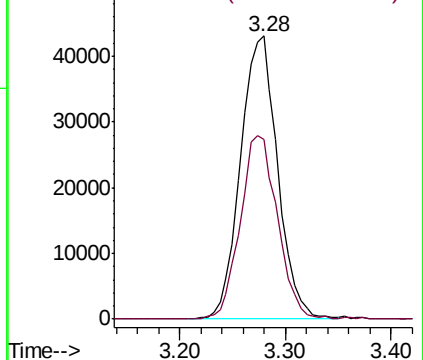
Trichlorofluoromethane
 Concen: 21.904 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion:101 Resp: 105231
 Ion Ratio Lower Upper
 101 100
 103 63.4 48.1 72.1



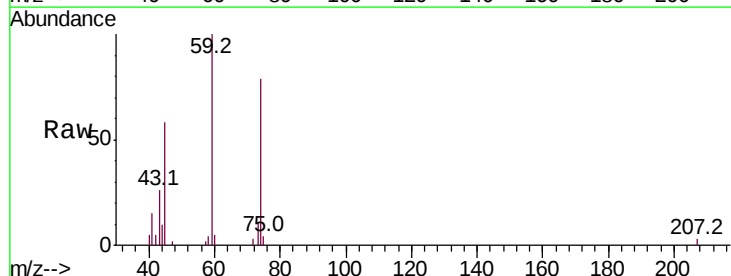
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



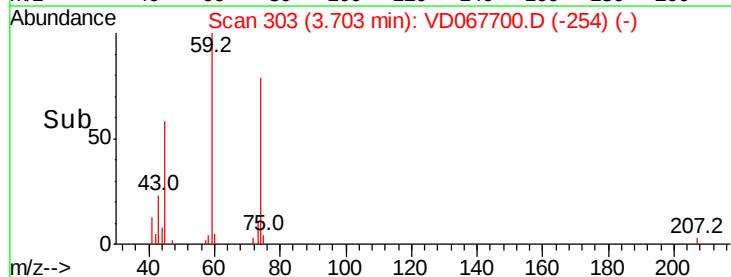
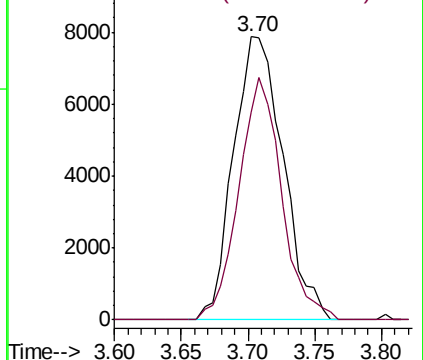
#8

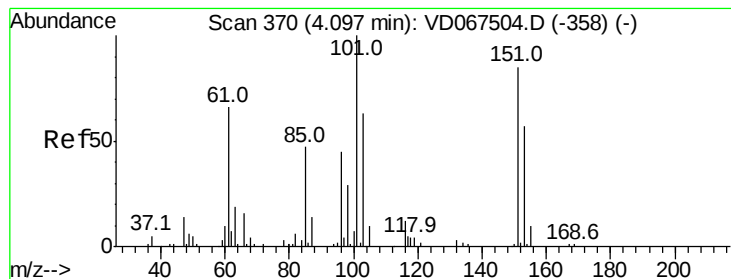
Diethyl Ether
 Concen: 20.992 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion: 74 Resp: 20321
 Ion Ratio Lower Upper
 74 100
 45 73.6 38.2 114.6



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.965 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

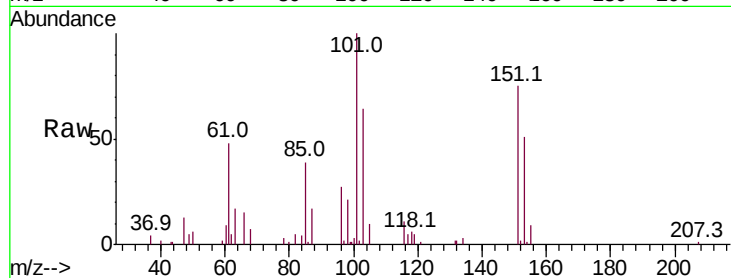
Tot Ion:101 Resp: 53265

Ion Ratio Lower Upper

101 100

85 43.7 34.4 51.6

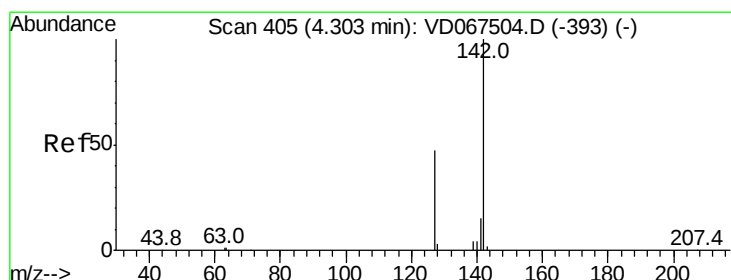
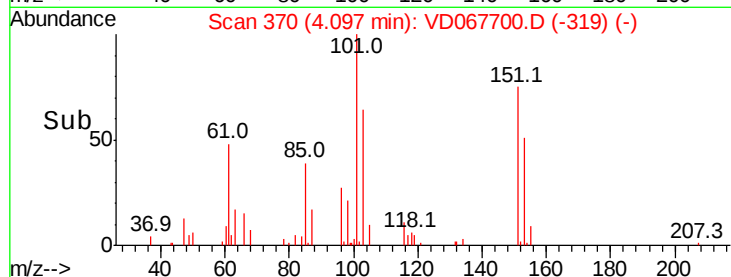
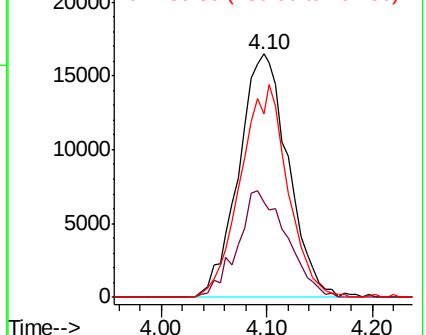
151 83.4 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.334 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

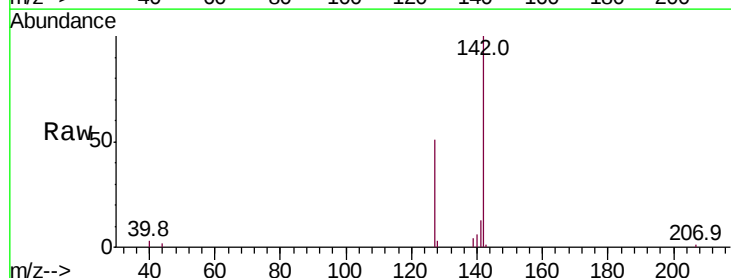
Tgt Ion:142 Resp: 47652

Ion Ratio Lower Upper

142 100

127 52.8 40.0 60.0

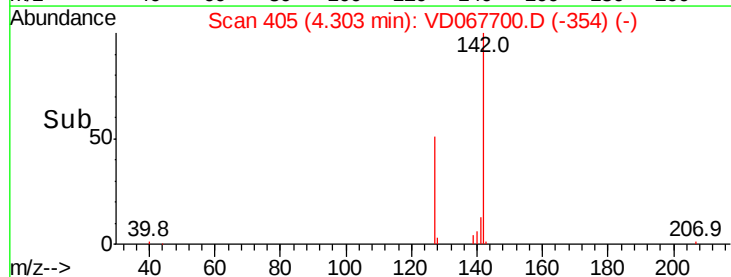
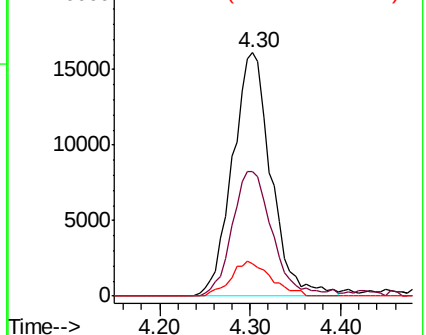
141 14.8 11.7 17.5

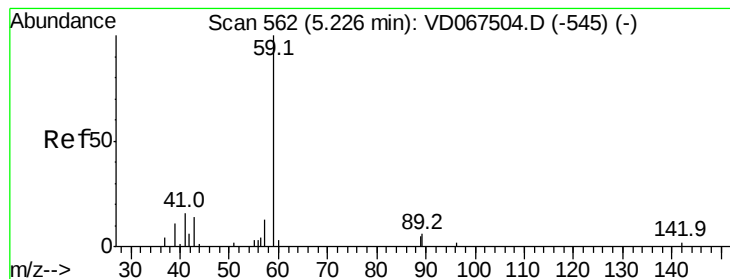


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 239.852 ug/l

RT: 5.20 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

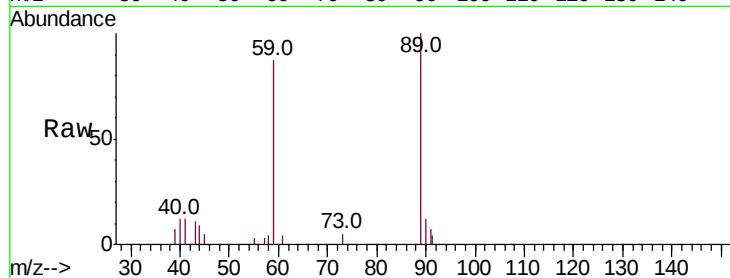
VD1119SBS01

Tot Ion: 59 Resp: 24236

Ion Ratio Lower Upper

59 100

57 0.0 5.9 8.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.20

6000

5000

4000

3000

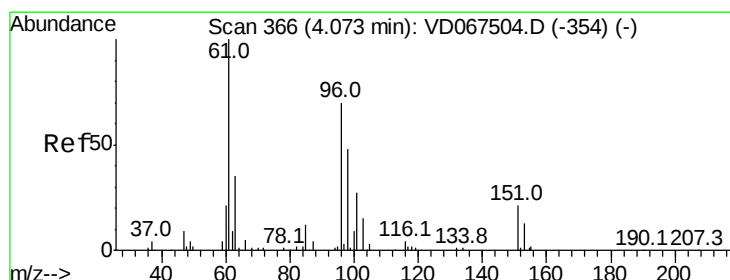
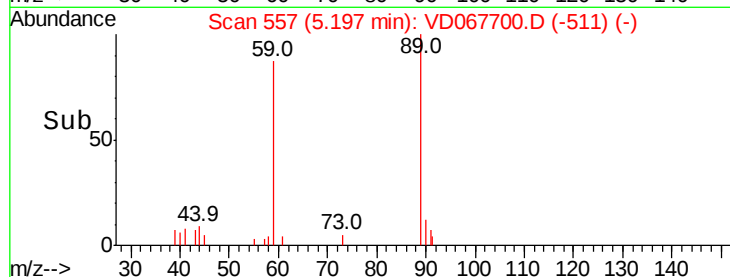
2000

1000

0

Time-->

5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 21.023 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

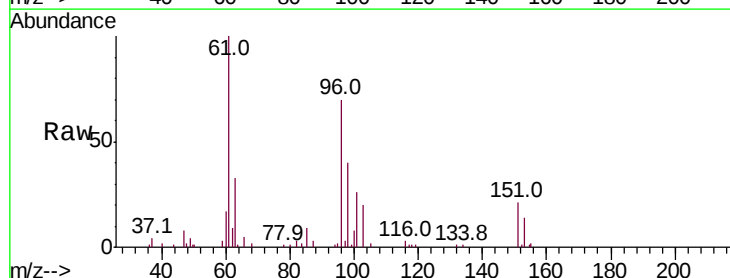
Tgt Ion: 96 Resp: 46893

Ion Ratio Lower Upper

96 100

61 142.0 114.5 171.7

98 57.8 54.5 81.7



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

30000

25000

20000

15000

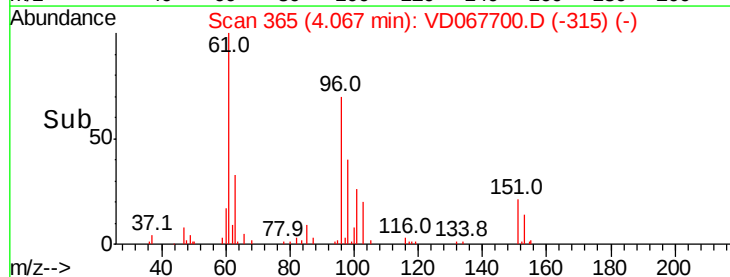
10000

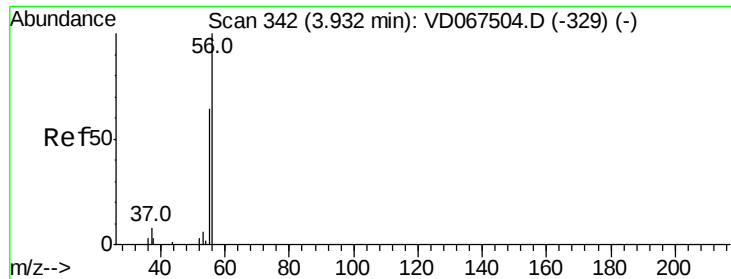
5000

0

Time-->

4.00 4.10 4.20





#13

Acrolein

Concen: 66.143 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

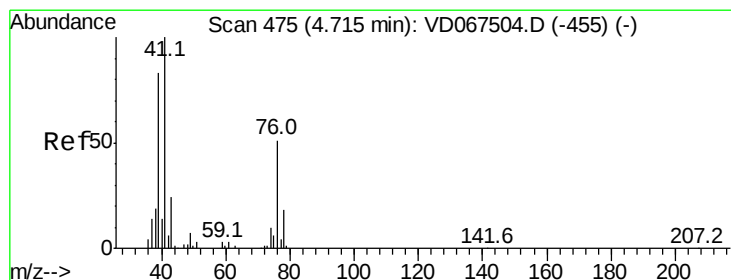
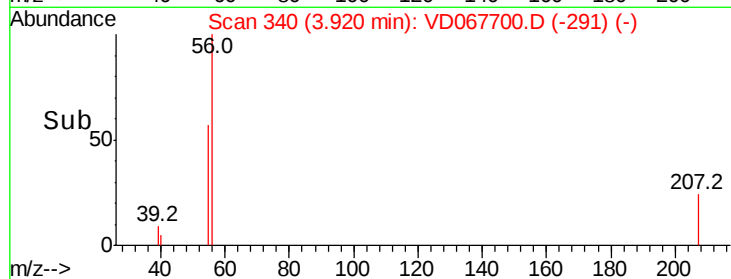
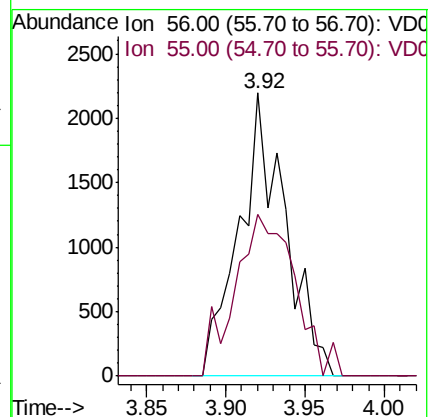
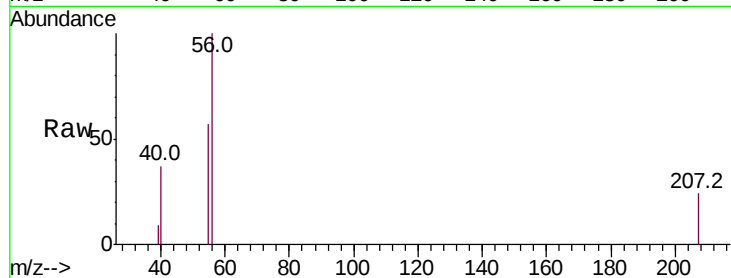
VD1119SBS01

Tot Ion: 56 Resp: 4421

Ion Ratio Lower Upper

56 100

55 74.8 55.8 83.8



#14

Allyl chloride

Concen: 19.575 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

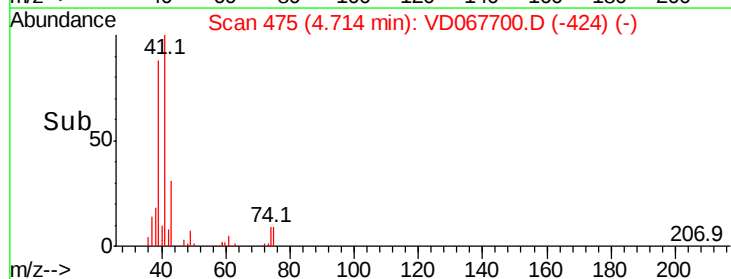
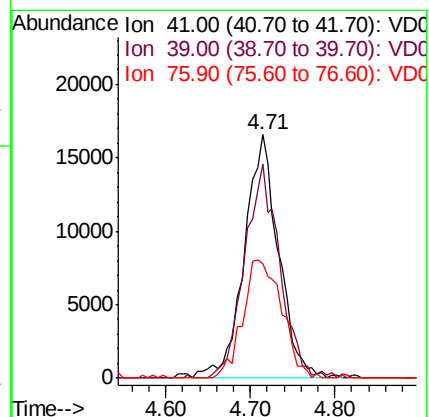
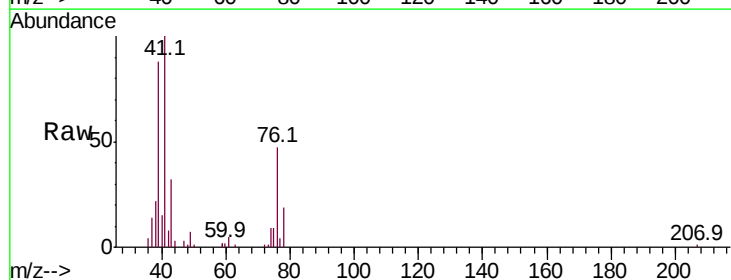
Tgt Ion: 41 Resp: 46732

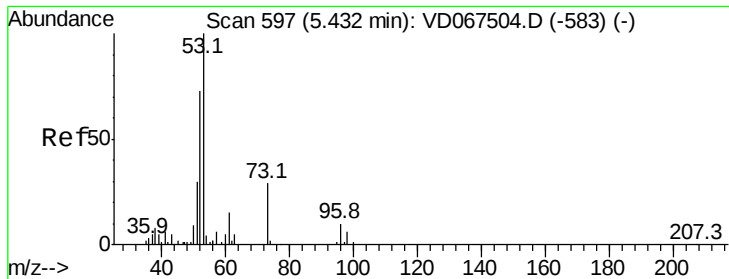
Ion Ratio Lower Upper

41 100

39 88.7 67.4 101.0

76 55.0 42.2 63.2





#15

Acrylonitrile

Concen: 102.859 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

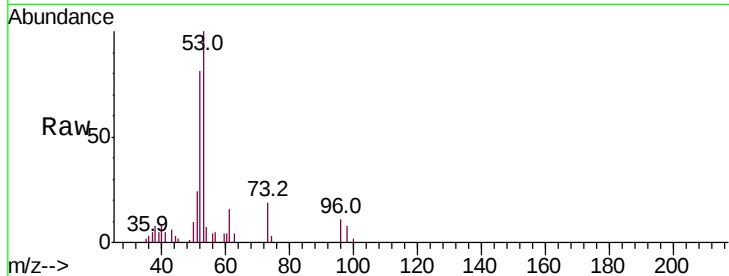
Tot Ion: 53 Resp: 36807

Ion Ratio Lower Upper

53 100

52 81.7 64.8 97.2

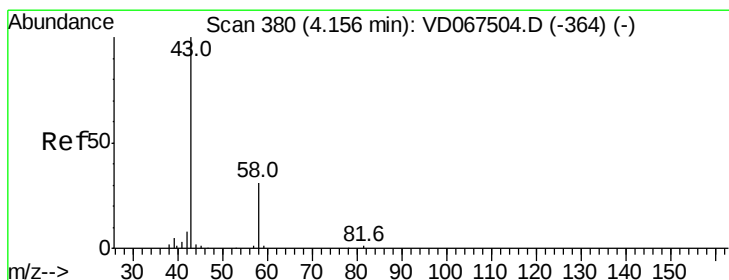
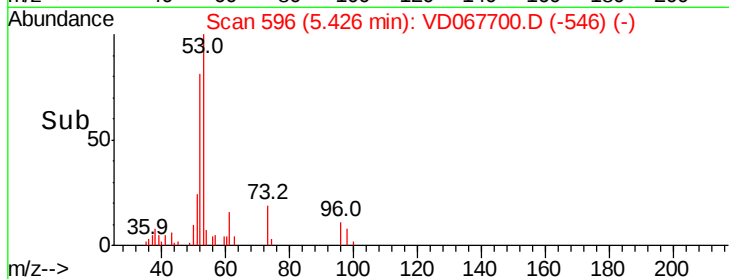
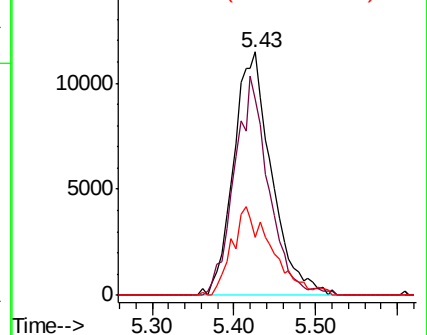
51 37.7 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 100.498 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067700.D

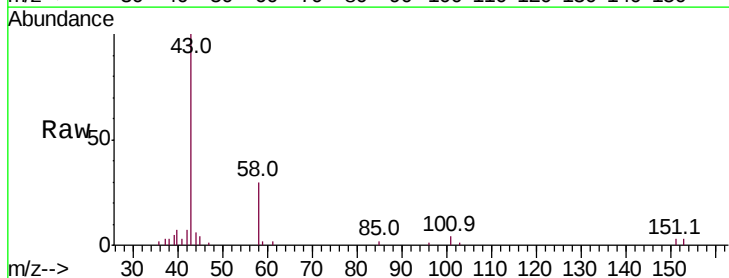
Acq: 19 Nov 2020 11:33

Tgt Ion: 43 Resp: 35143

Ion Ratio Lower Upper

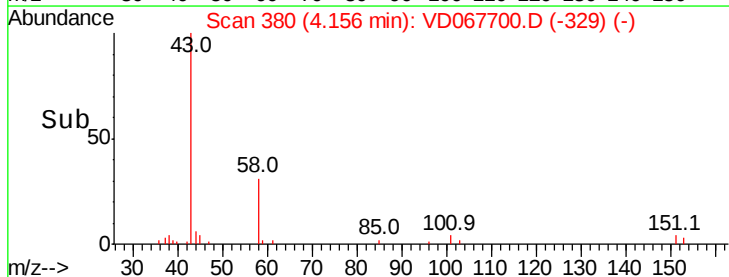
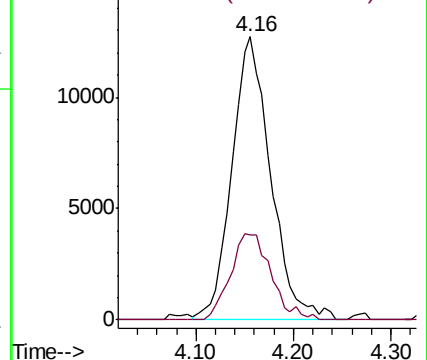
43 100

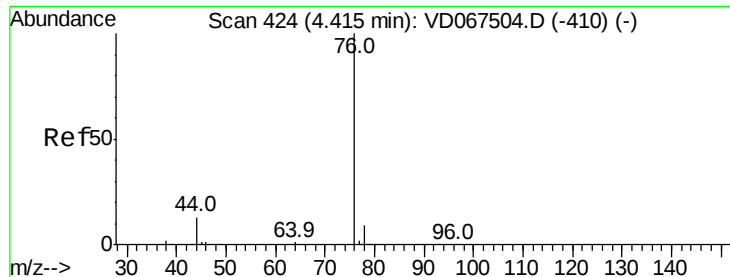
58 30.2 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

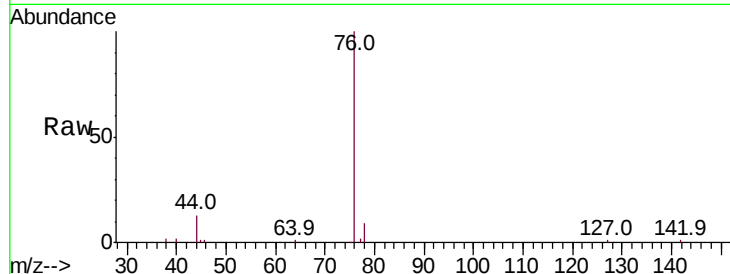




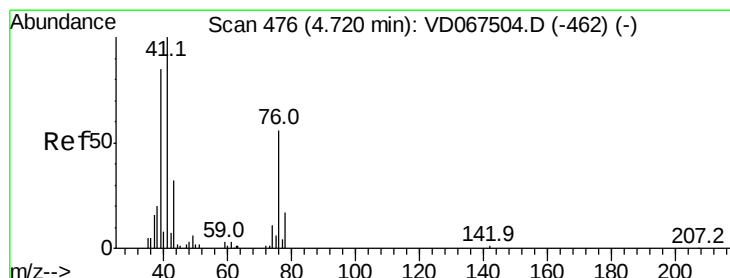
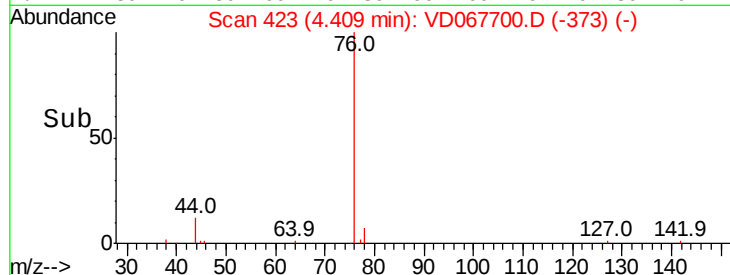
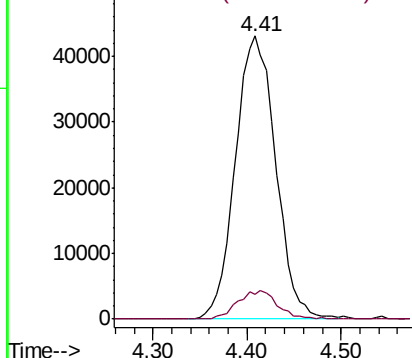
#17
Carbon Disulfide
Concen: 18.735 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion: 76 Resp: 128059
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

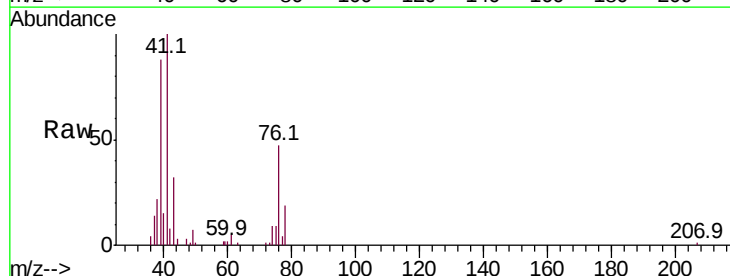


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

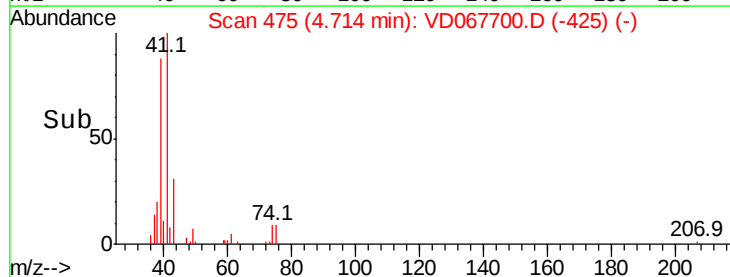
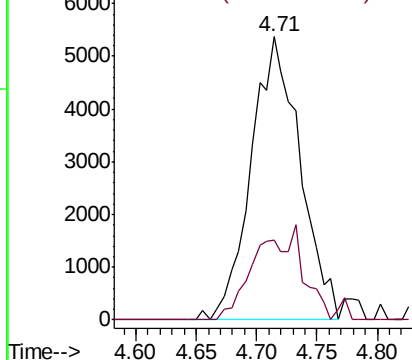


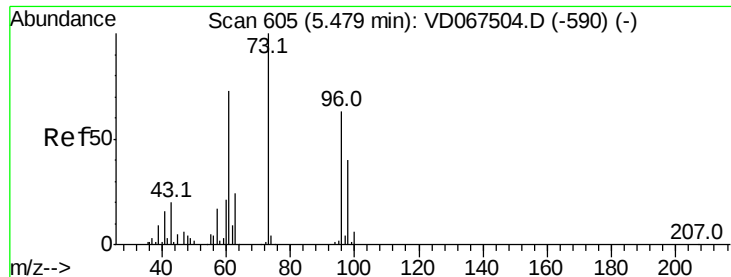
#18
Methyl Acetate
Concen: 20.871 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 43 Resp: 15082
Ion Ratio Lower Upper
43 100
74 32.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

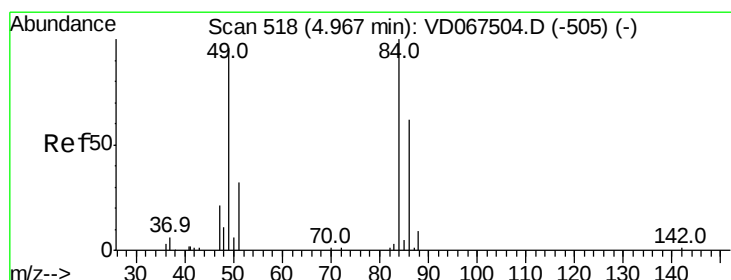
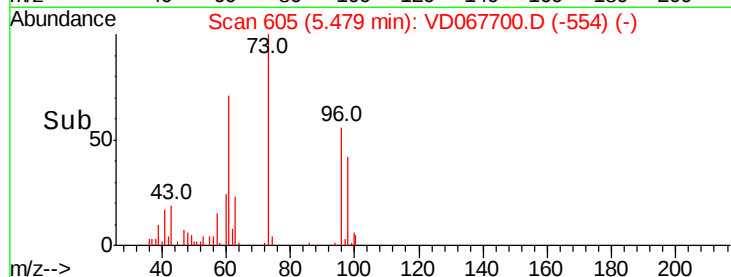
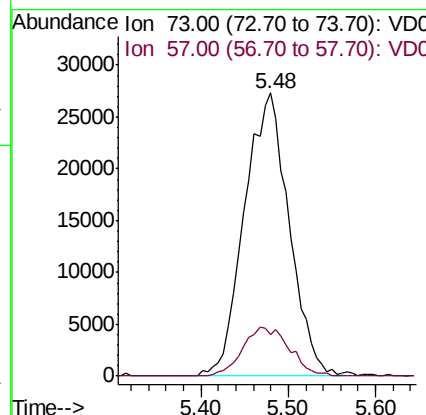
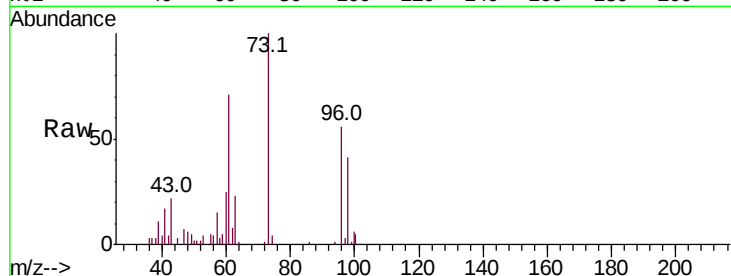




#19
Methyl tert-butyl Ether
Concen: 21.675 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

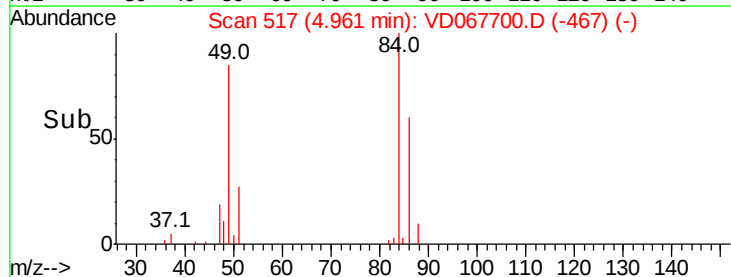
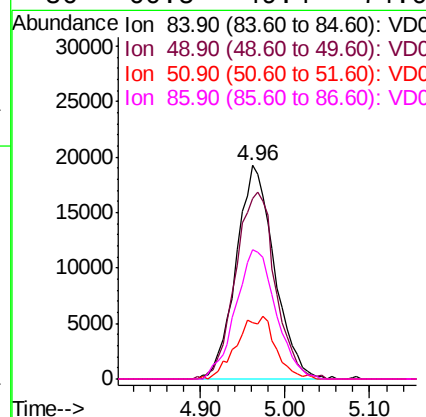
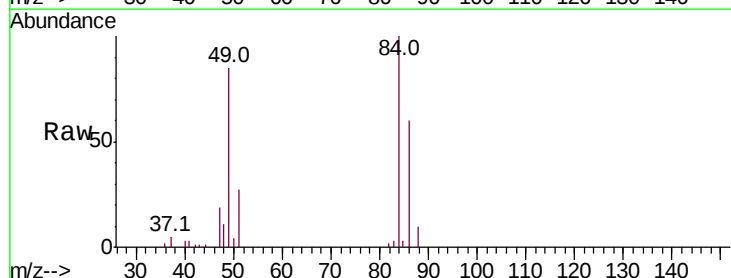
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

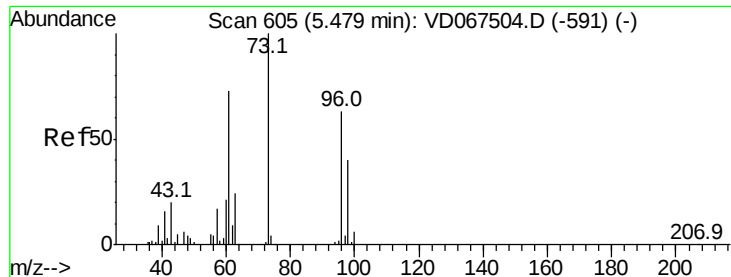
Tot Ion: 73 Resp: 95367
Ion Ratio Lower Upper
73 100
57 14.7 13.4 20.0



#20
Methylene Chloride
Concen: 24.441 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 84 Resp: 60374
Ion Ratio Lower Upper
84 100
49 84.6 77.0 115.4
51 26.5 25.4 38.2
86 60.5 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.383 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

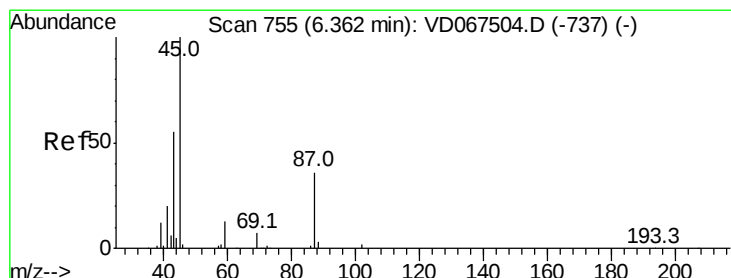
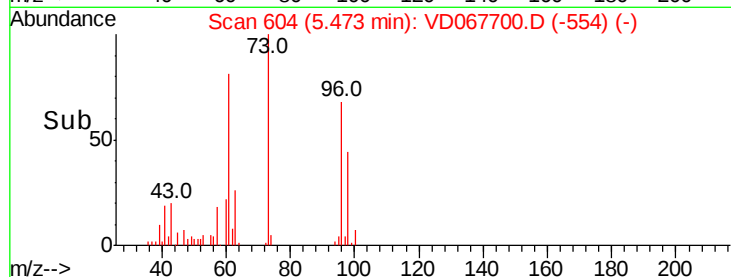
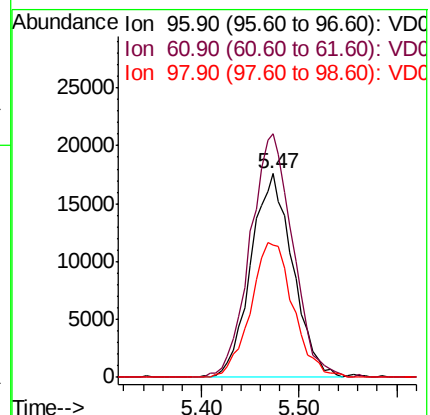
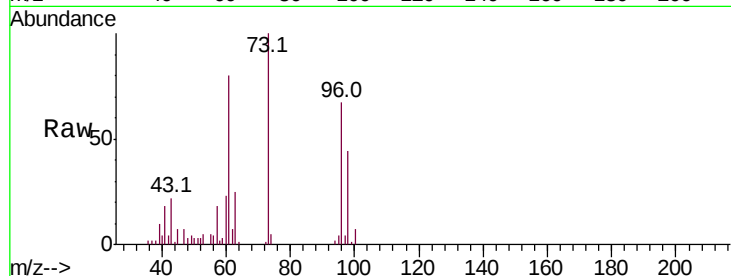
Tot Ion: 96 Resp: 52955

Ion Ratio Lower Upper

96 100

61 119.7 93.0 139.6

98 64.8 50.9 76.3



#22

Diisopropyl ether

Concen: 21.218 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Tgt Ion: 45 Resp: 98710

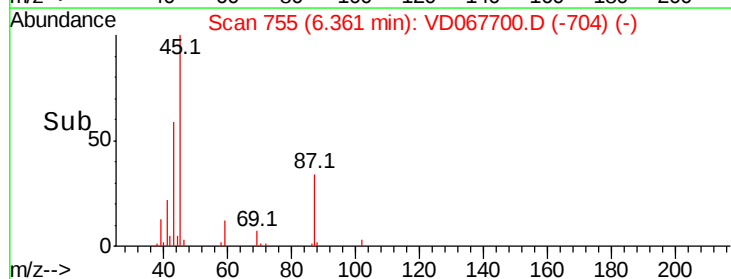
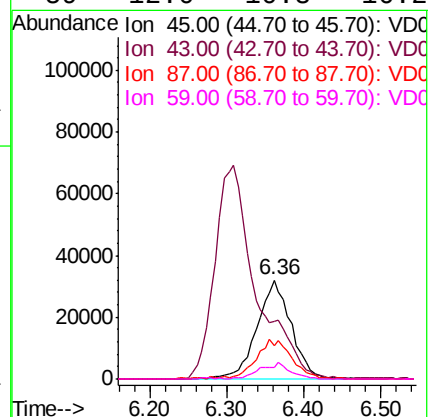
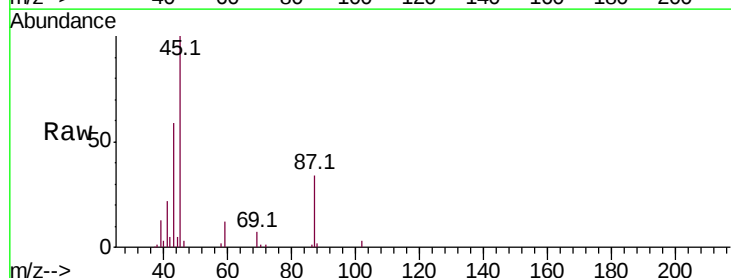
Ion Ratio Lower Upper

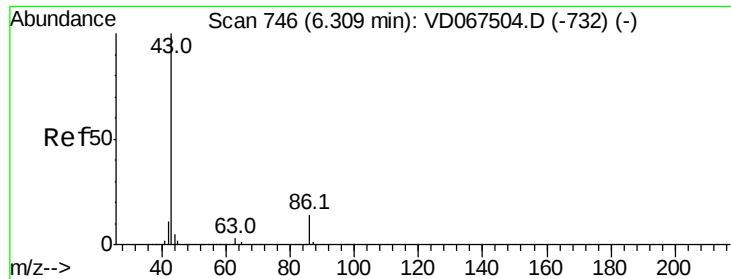
45 100

43 57.8 46.2 69.4

87 32.9 29.4 44.2

59 12.0 10.8 16.2





#23

Vinyl Acetate

Concen: 105.561 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

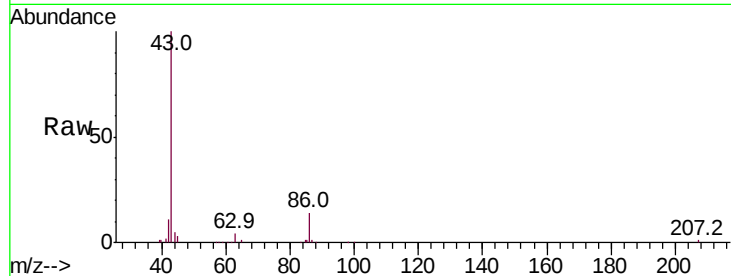
VD1119SBS01

Tot Ion: 43 Resp: 257060

Ion Ratio Lower Upper

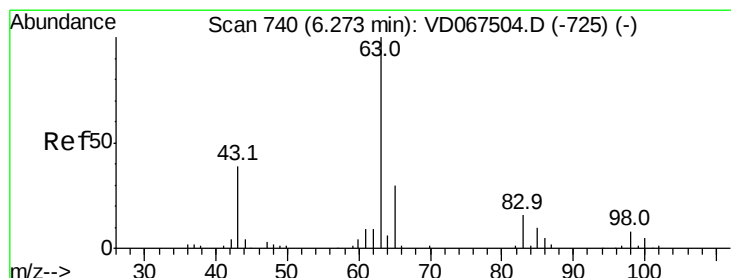
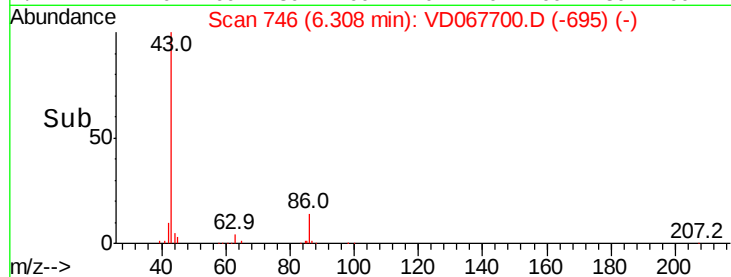
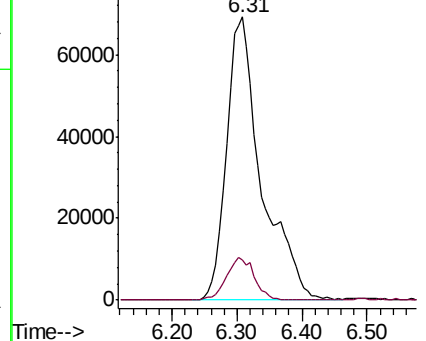
43 100

86 14.1 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.702 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

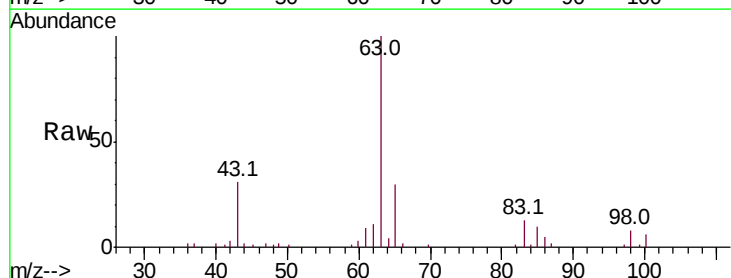
Tgt Ion: 63 Resp: 82596

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

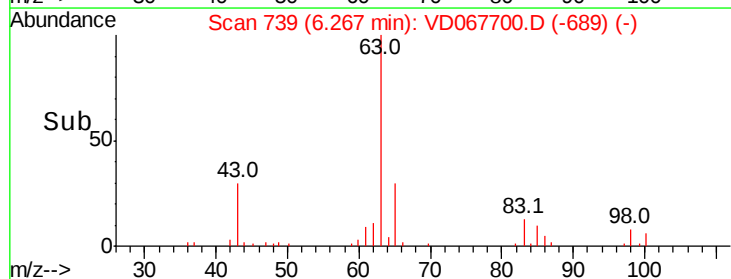
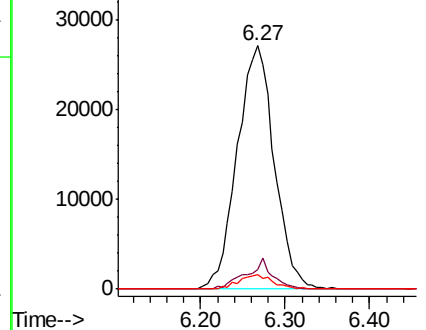
100 5.9 2.6 7.8

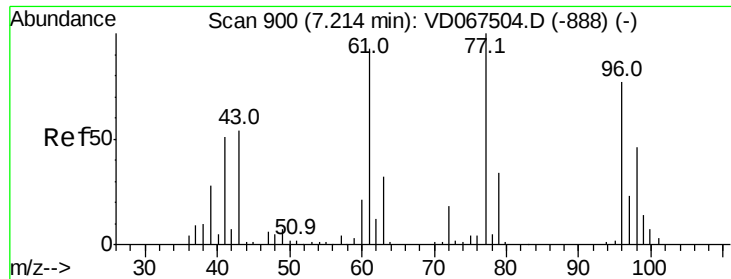


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

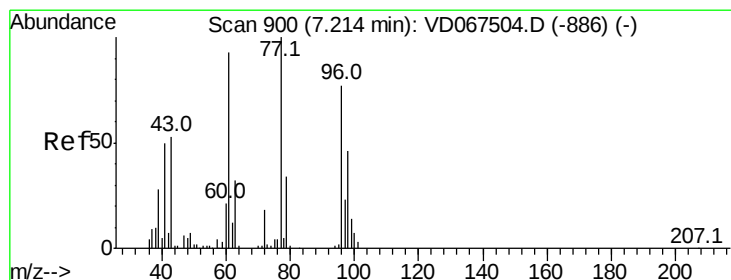
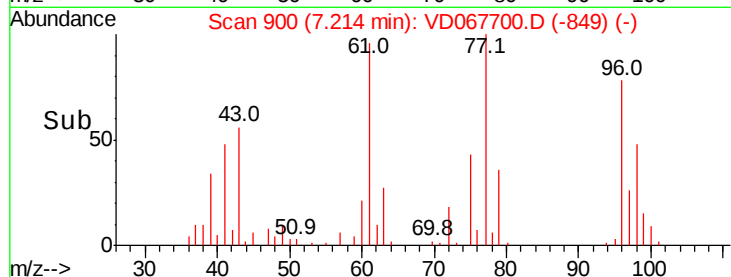
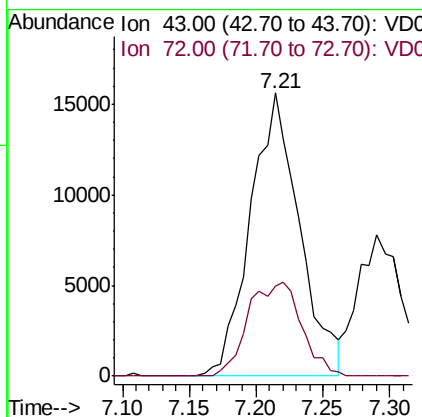
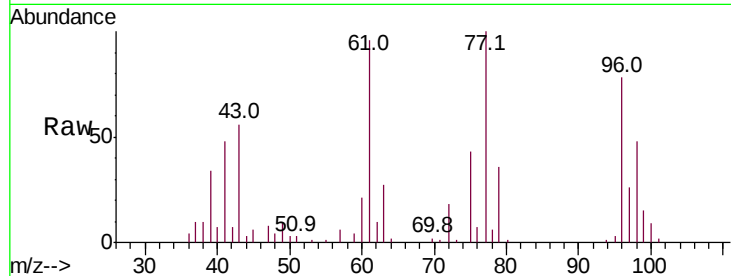




#25
2-Butanone
Concen: 107.039 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

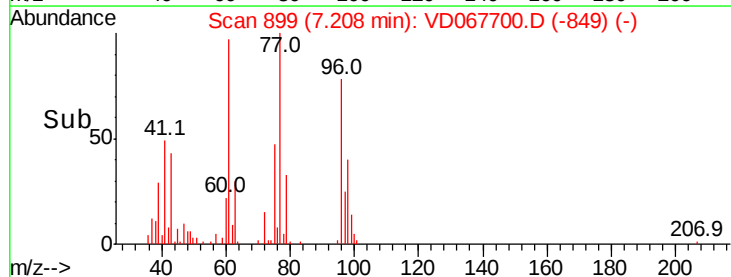
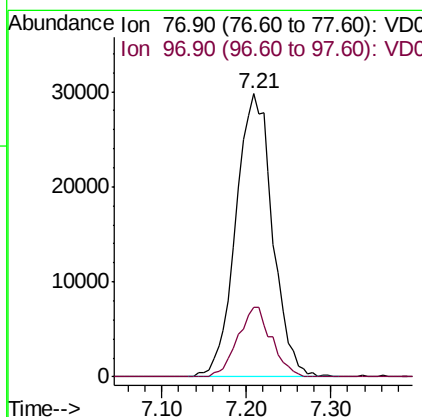
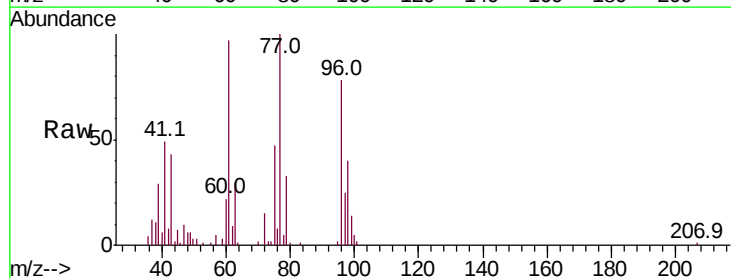
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

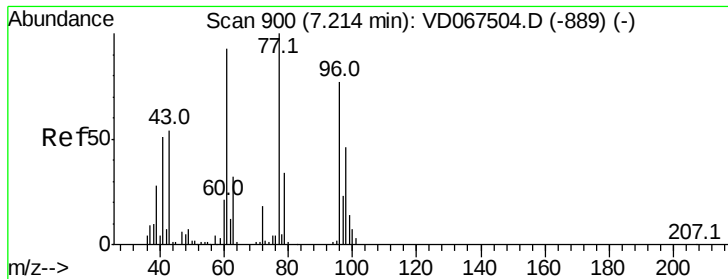
Tot Ion: 43 Resp: 39995
Ion Ratio Lower Upper
43 100
72 31.8 26.4 39.6



#26
2,2-Dichloropropane
Concen: 22.311 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 77 Resp: 89615
Ion Ratio Lower Upper
77 100
97 22.6 11.1 33.3



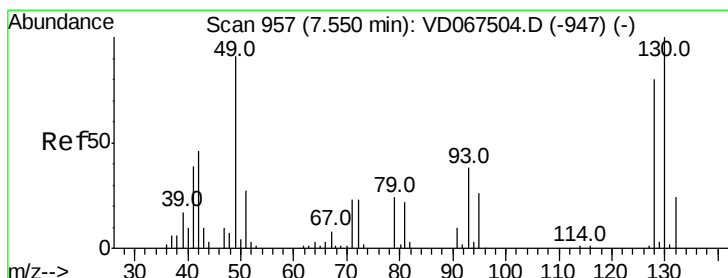
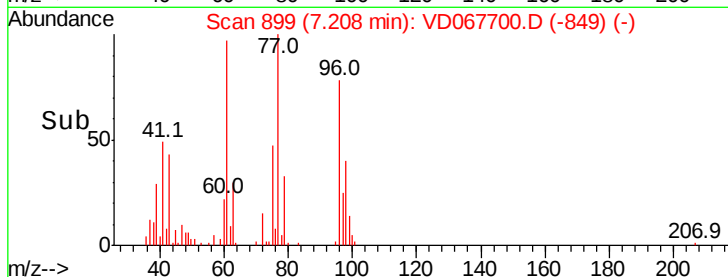
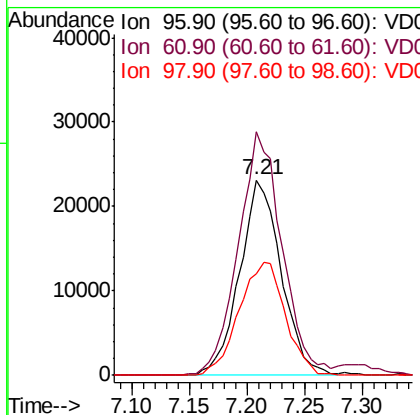
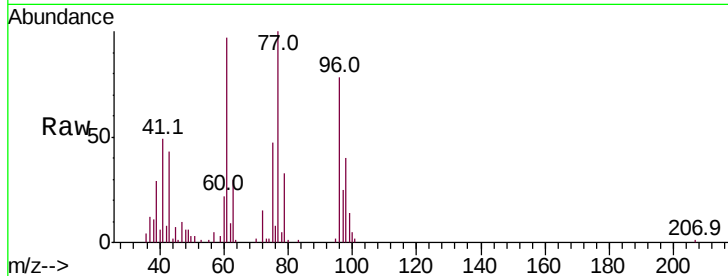


#27

cis-1,2-Dichloroethene
 Concen: 21.508 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

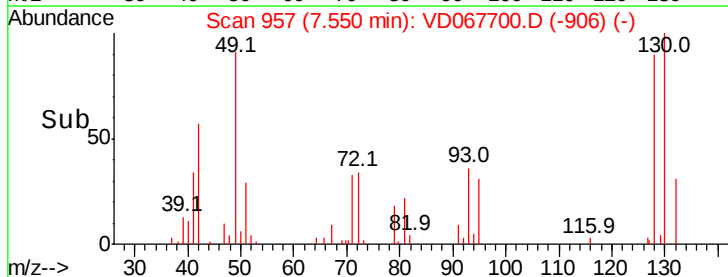
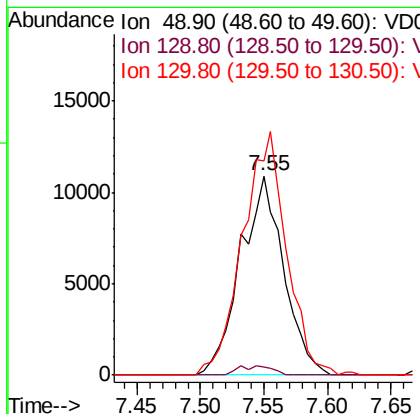
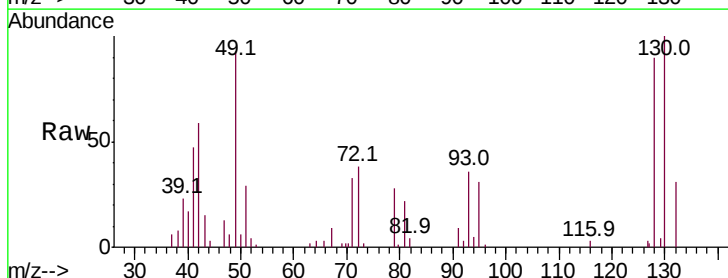
Tot Ion: 96 Resp: 58001
 Ion Ratio Lower Upper
 96 100
 61 131.0 0.0 251.6
 98 64.5 0.0 128.0

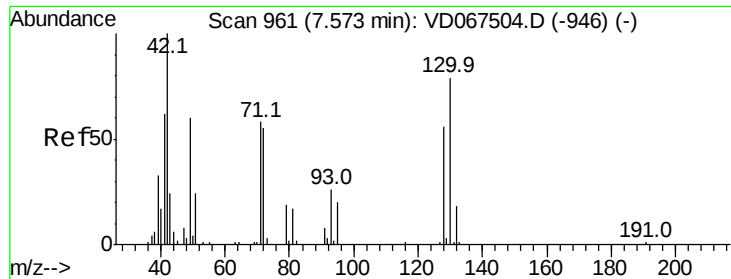


#28

Bromochloromethane
 Concen: 19.114 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion: 49 Resp: 25876
 Ion Ratio Lower Upper
 49 100
 129 3.6 0.0 6.4
 130 124.1 94.6 142.0

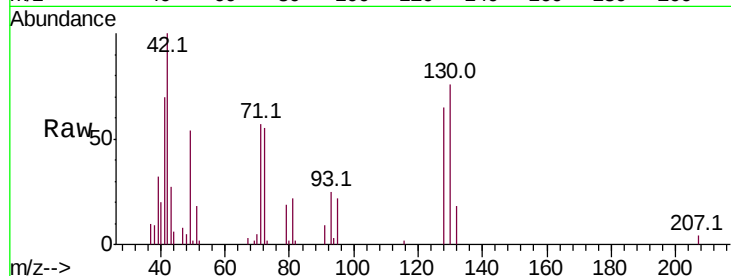




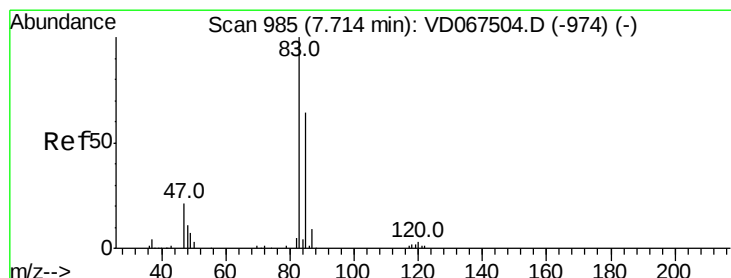
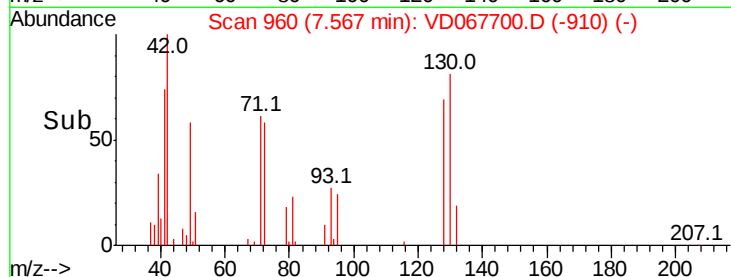
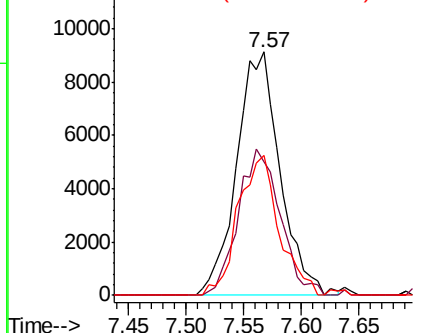
#29
Tetrahydrofuran
Concen: 106.922 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion: 42 Resp: 23931
Ion Ratio Lower Upper
42 100
72 58.0 46.3 69.5
71 53.8 44.0 66.0

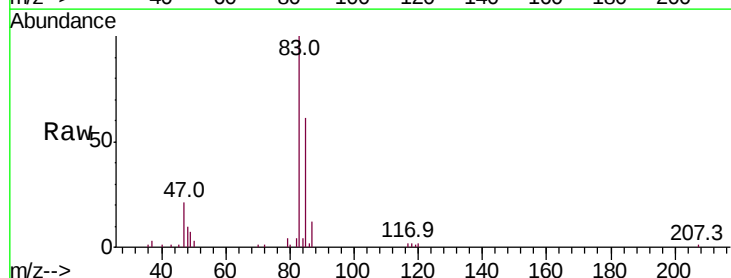


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

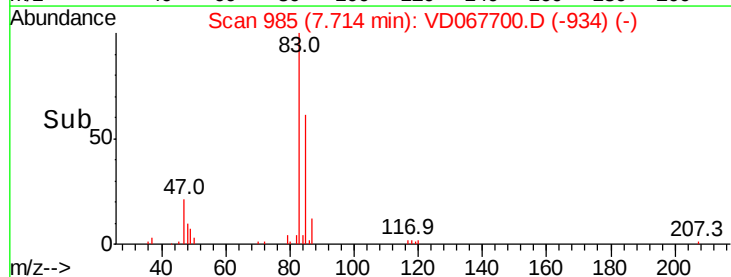
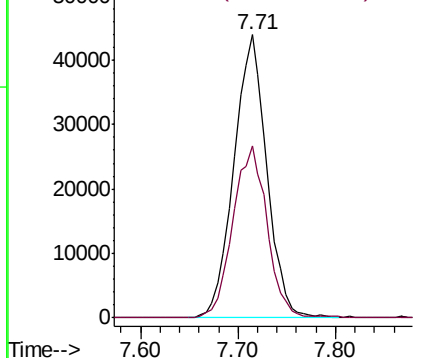


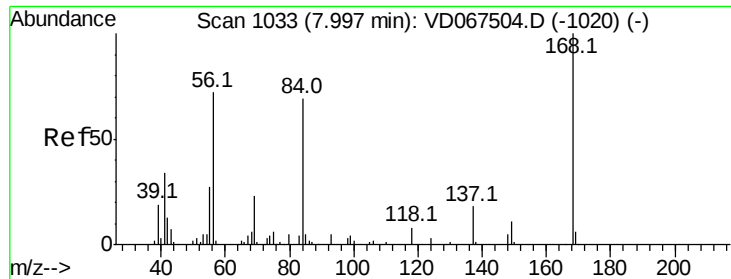
#30
Chloroform
Concen: 22.708 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 83 Resp: 103102
Ion Ratio Lower Upper
83 100
85 60.7 51.5 77.3



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

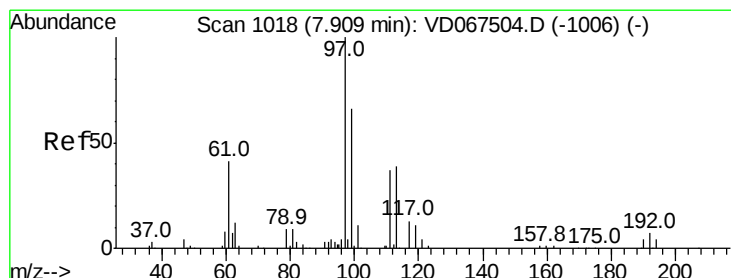
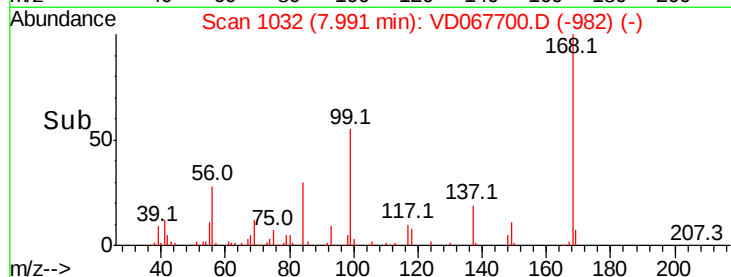
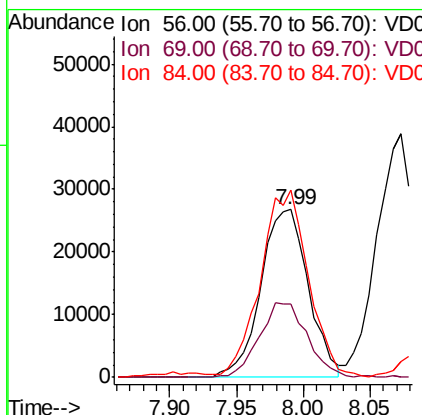
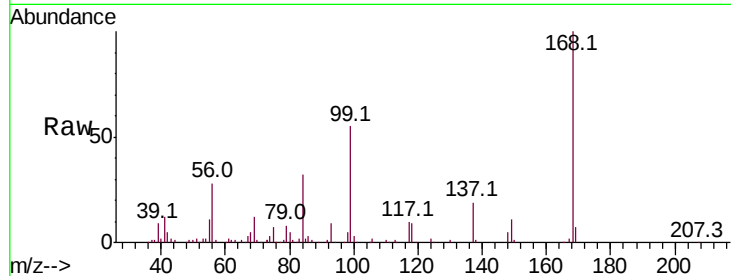




#31
Cyclohexane
Concen: 19.560 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

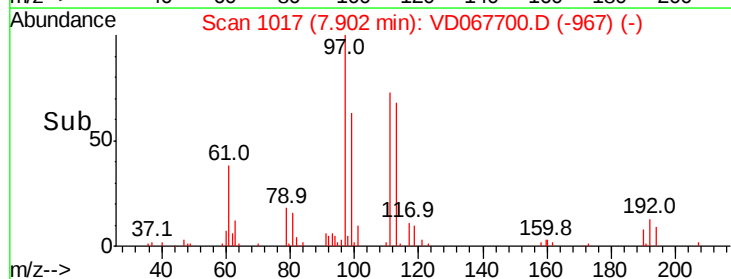
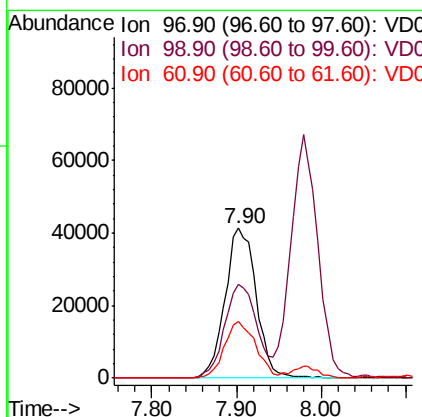
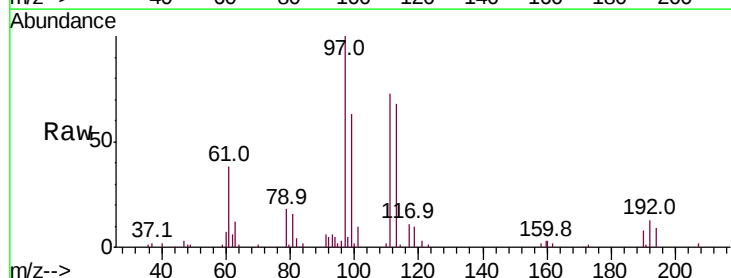
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

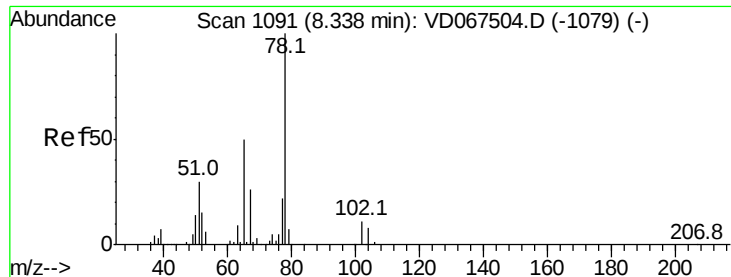
Tot Ion: 56 Resp: 66294
Ion Ratio Lower Upper
56 100
69 43.5 25.9 38.9#
84 109.8 76.2 114.4



#32
1,1,1-Trichloroethane
Concen: 22.372 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 97 Resp: 104806
Ion Ratio Lower Upper
97 100
99 65.7 51.8 77.6
61 38.0 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 47.588 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleID :

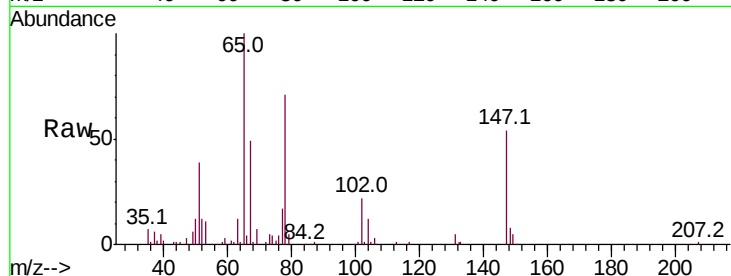
VD1119SBS01

Tot Ion: 65 Resp: 111203

Ion Ratio Lower Upper

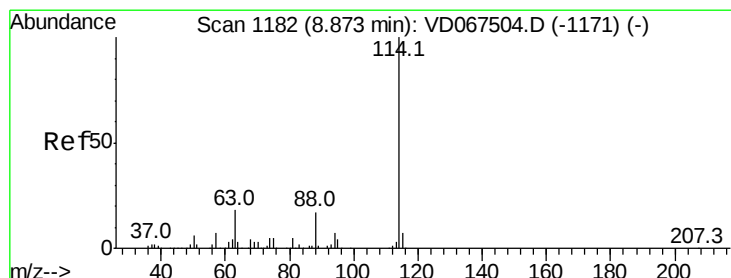
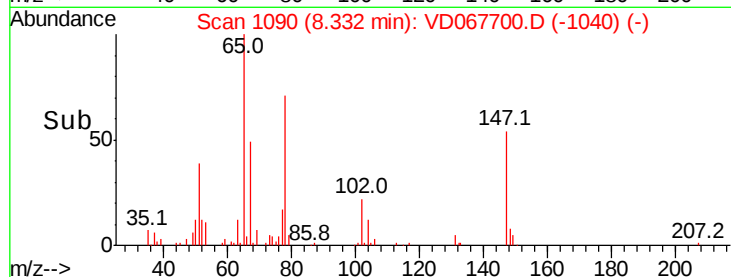
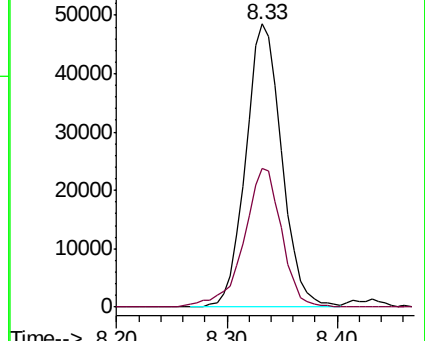
65 100

67 51.2 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

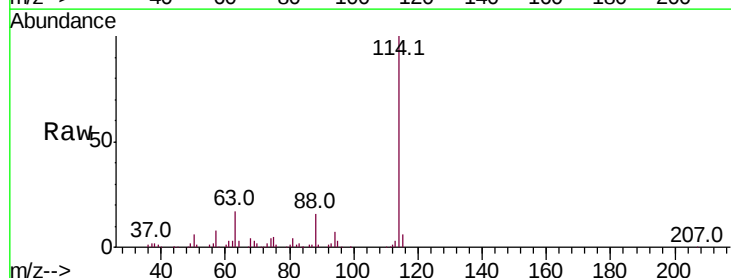
Tgt Ion: 114 Resp: 394701

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

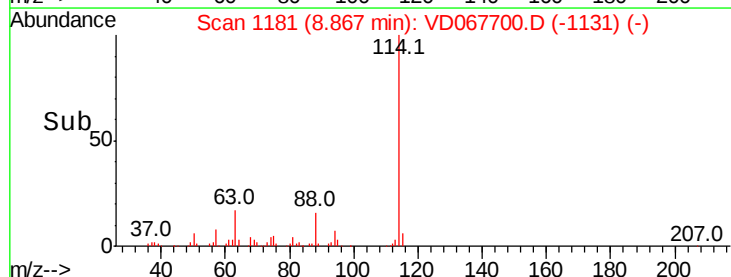
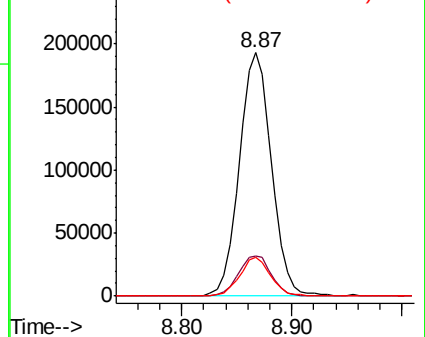
88 15.9 0.0 33.0

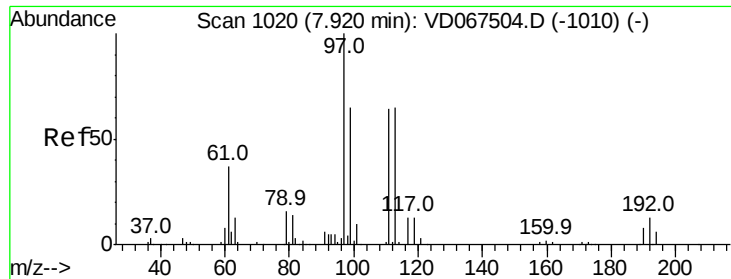


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

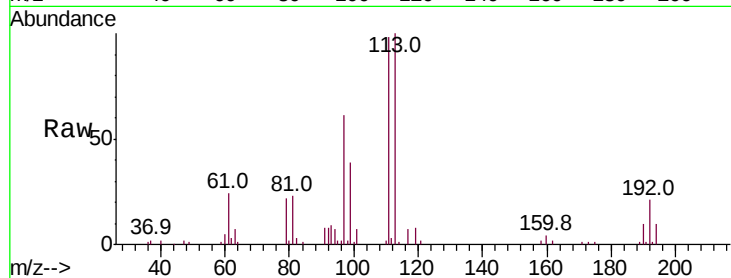




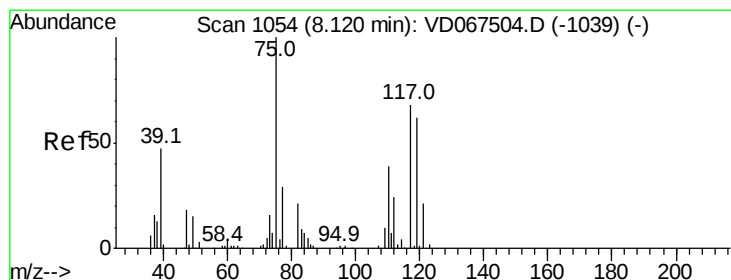
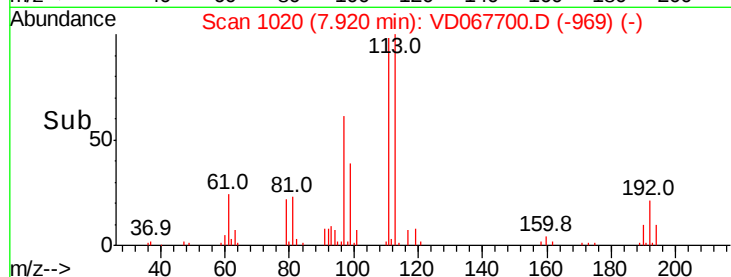
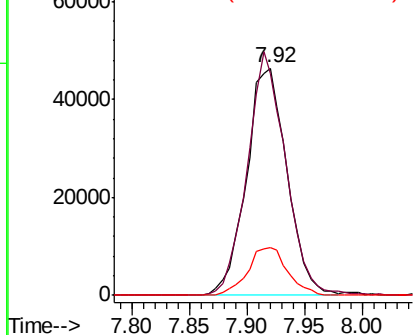
#35
 Dibromofluoromethane
 Concen: 47.789 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion:113 Resp: 113646
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.0 120.0
 192 20.7 16.3 24.5

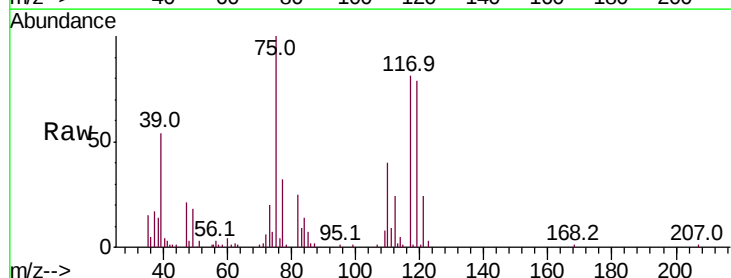


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

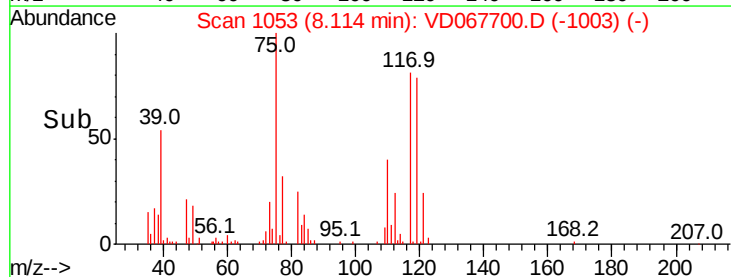
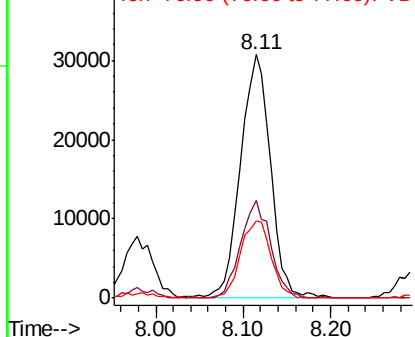


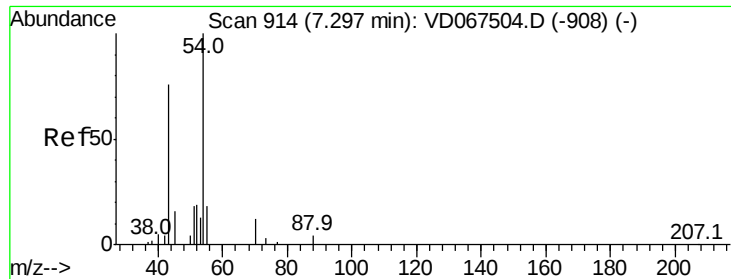
#36
 1,1-Dichloropropene
 Concen: 21.133 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion: 75 Resp: 71401
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.9 59.7
 77 32.2 24.8 37.2



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





#37

Ethyl Acetate

Concen: 20.137 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

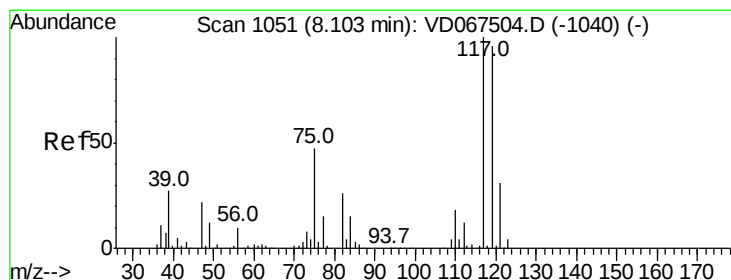
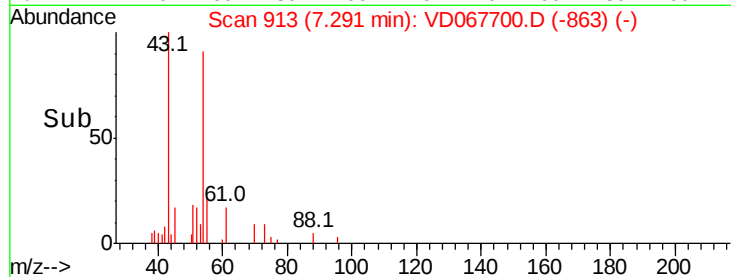
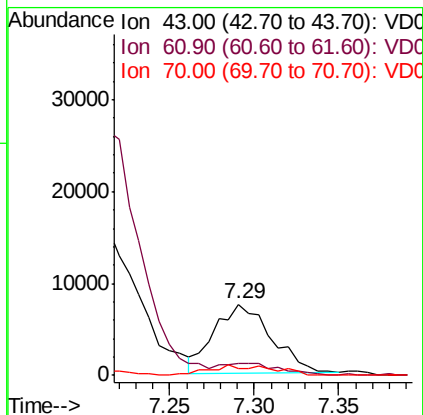
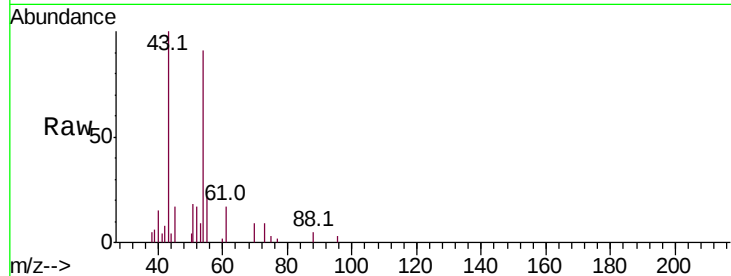
Tot Ion: 43 Resp: 17663

Ion Ratio Lower Upper

43 100

61 18.4 12.8 19.2

70 9.4 11.7 17.5#



#38

Carbon Tetrachloride

Concen: 22.331 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

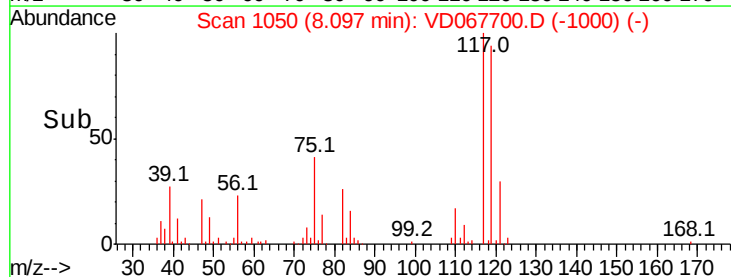
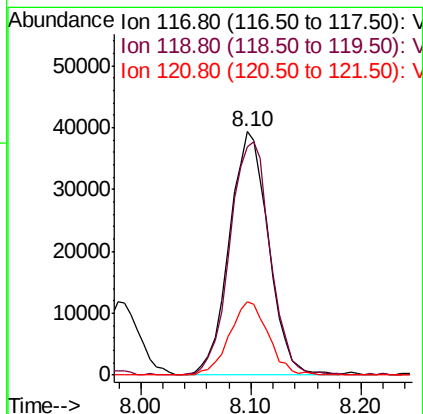
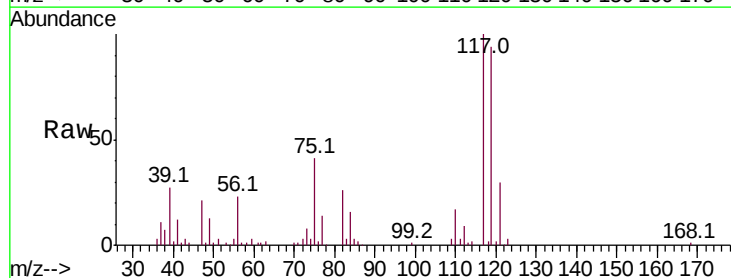
Tgt Ion: 117 Resp: 98025

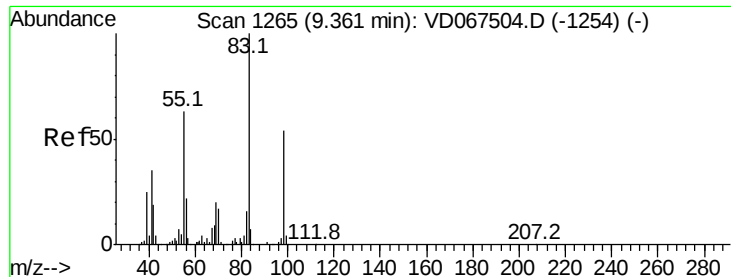
Ion Ratio Lower Upper

117 100

119 93.2 76.9 115.3

121 30.1 24.5 36.7

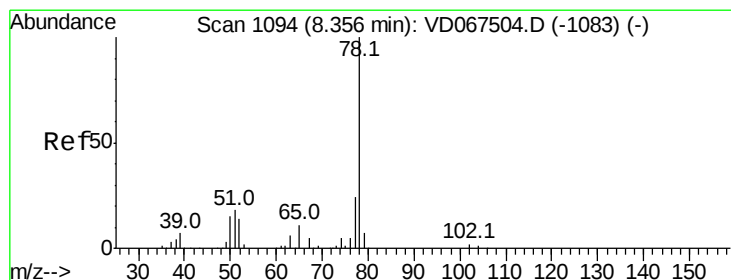
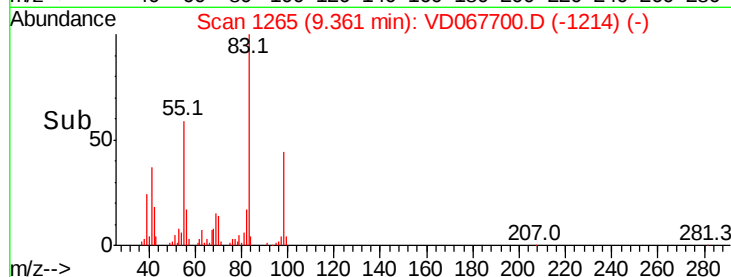
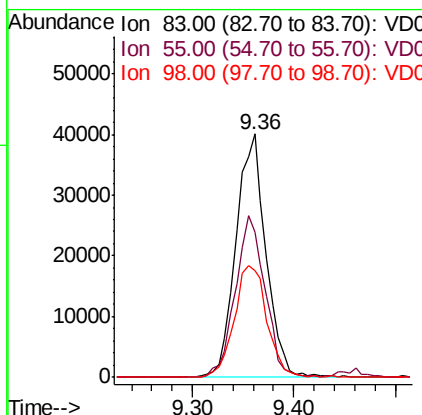
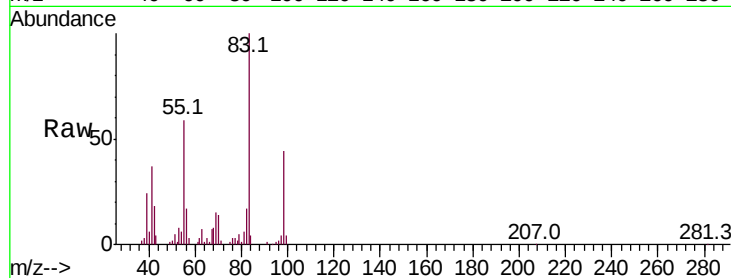




#39
Methvlcvclohexane
Concen: 20.666 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

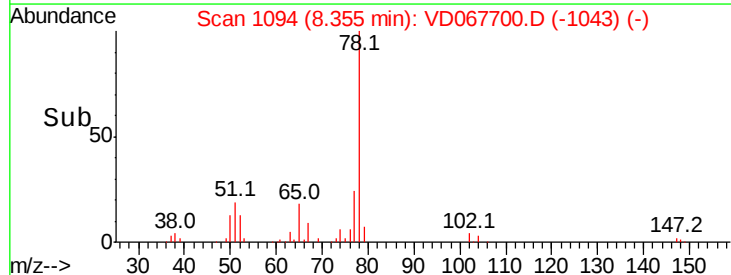
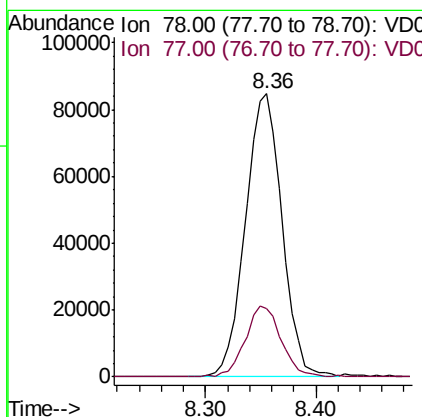
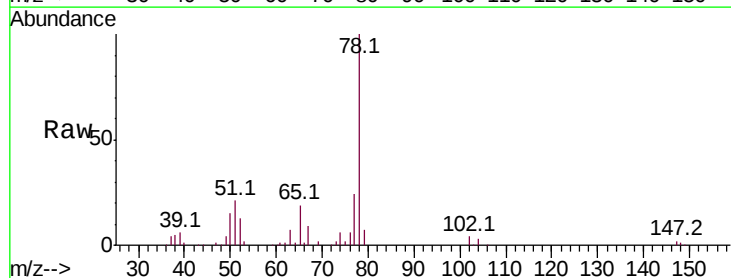
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

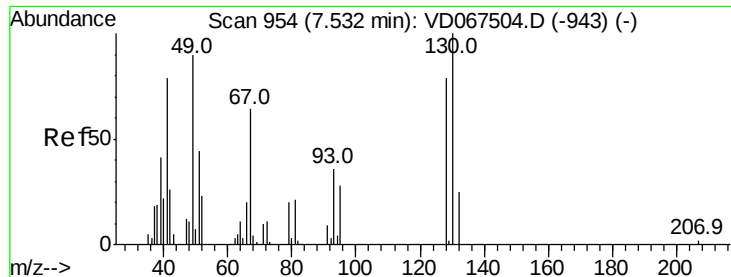
Tot Ion: 83 Resp: 82180
Ion Ratio Lower Upper
83 100
55 59.4 50.5 75.7
98 43.8 43.4 65.0



#40
Benzene
Concen: 21.551 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 78 Resp: 197231
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

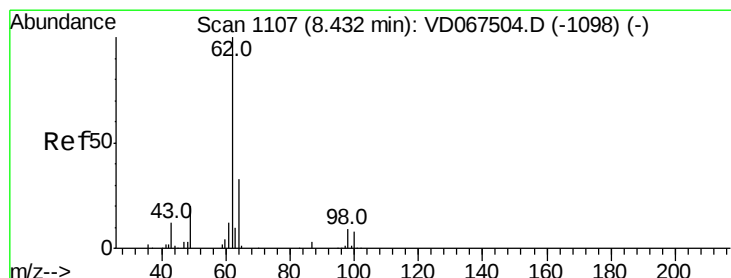
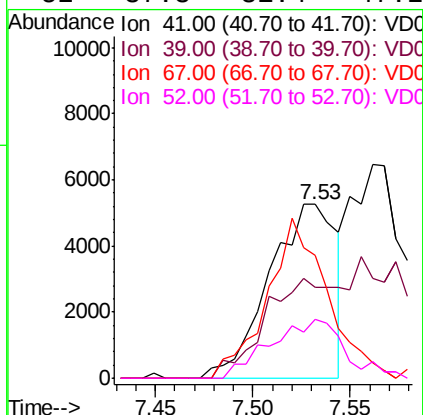
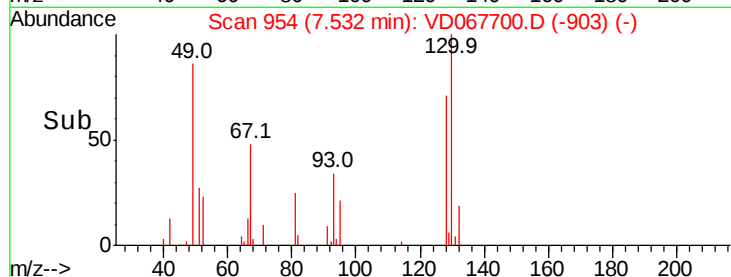
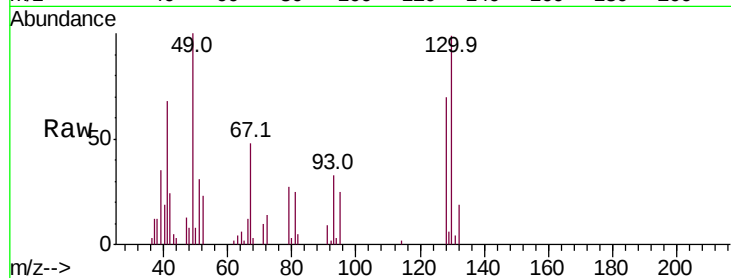




#41
Methacrylonitrile
Concen: 24.028 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

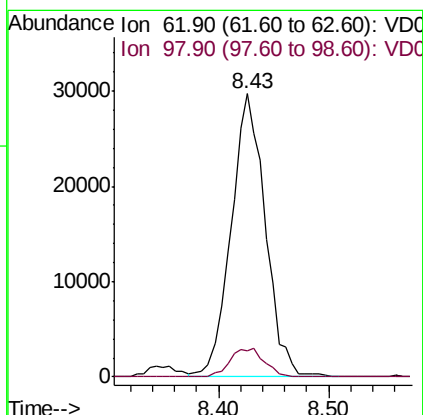
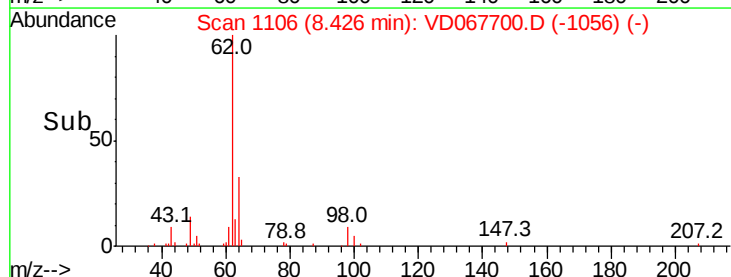
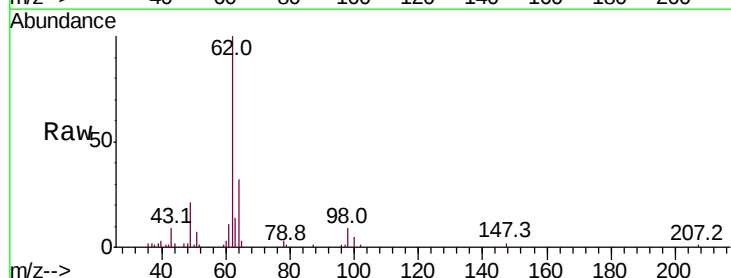
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

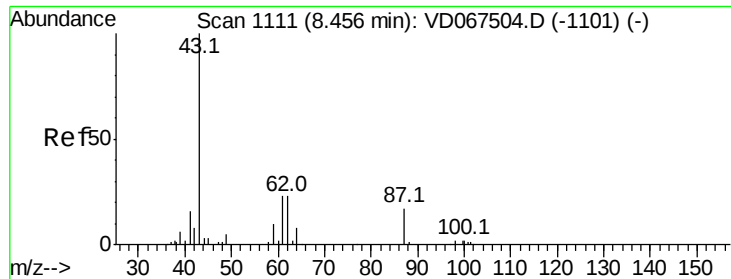
Tot Ion:	41	Resp:	12598
Ion	Ratio	Lower	Upper
41	100		
39	52.8	51.3	76.9
67	81.9	78.9	118.3
52	37.3	31.4	47.2



#42
1,2-Dichloroethane
Concen: 22.859 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion:	62	Resp:	64635
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8





#43

Isopropyl Acetate

Concen: 21.254 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

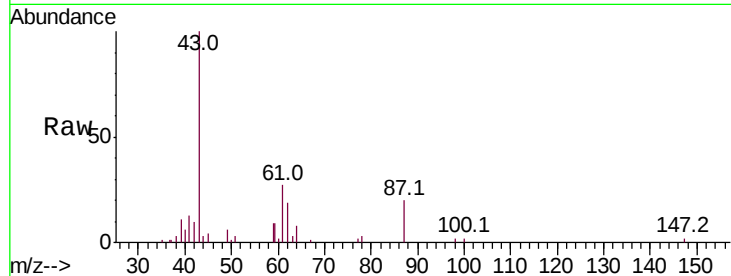
Tot Ion: 43 Resp: 36870

Ion Ratio Lower Upper

43 100

61 39.1 30.5 45.7

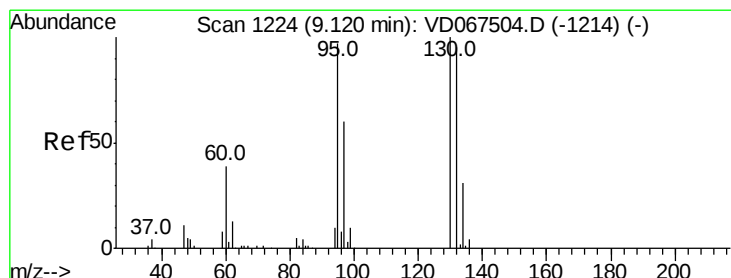
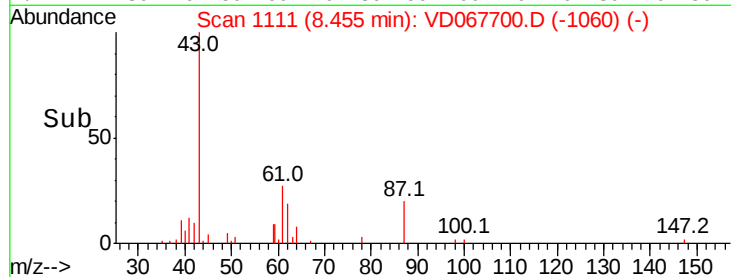
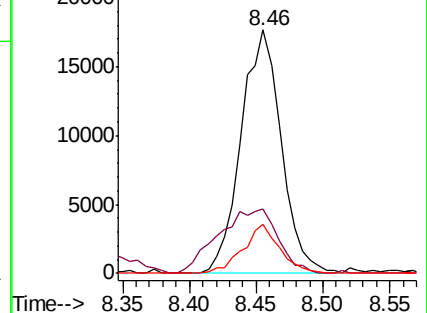
87 18.4 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.385 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067700.D

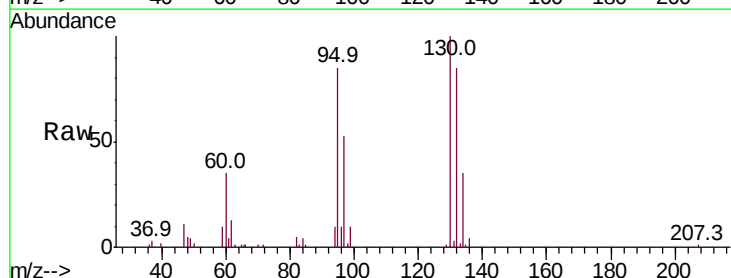
Acq: 19 Nov 2020 11:33

Tgt Ion:130 Resp: 64350

Ion Ratio Lower Upper

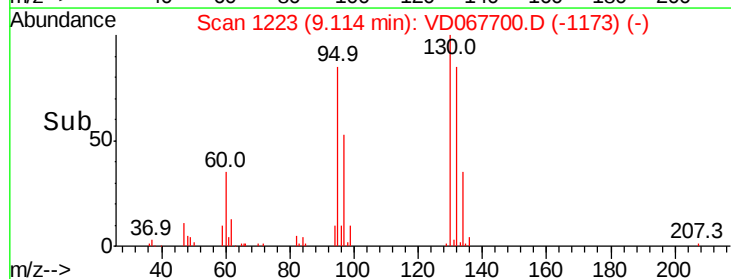
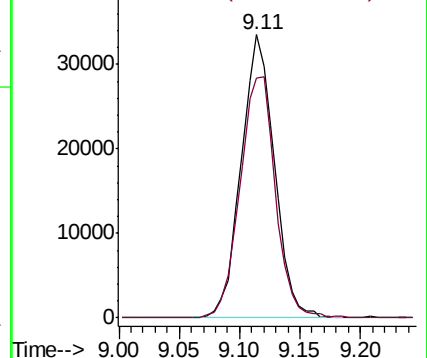
130 100

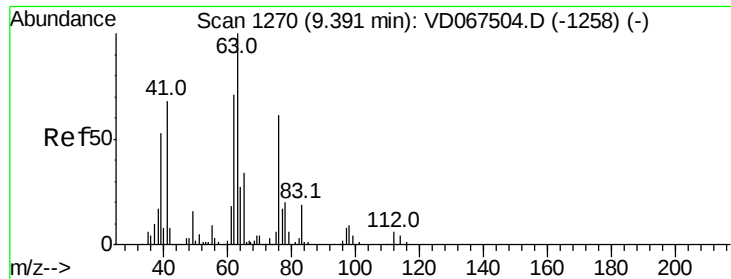
95 84.6 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

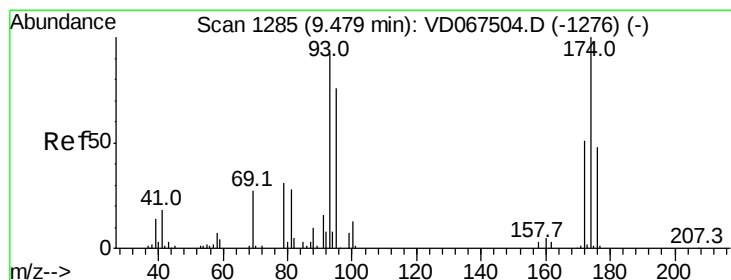
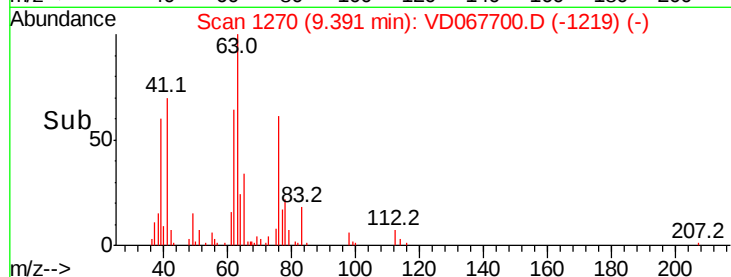
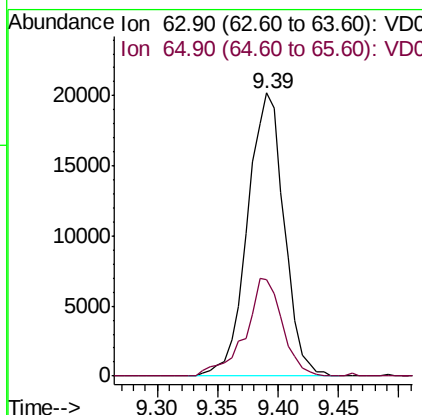
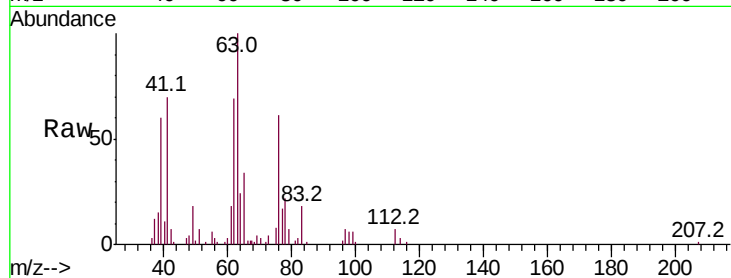




#45
 1,2-Dichloropropane
 Concen: 21.640 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

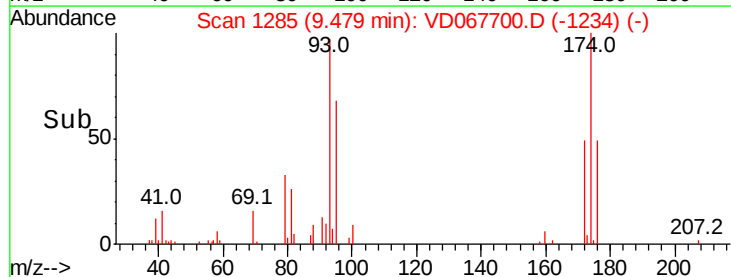
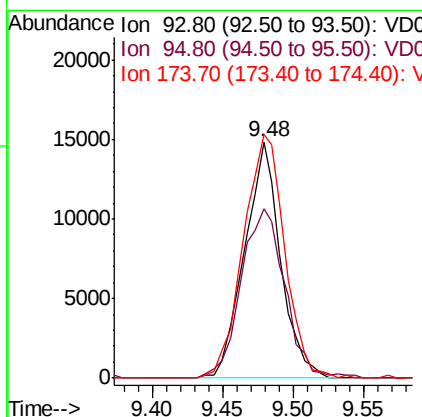
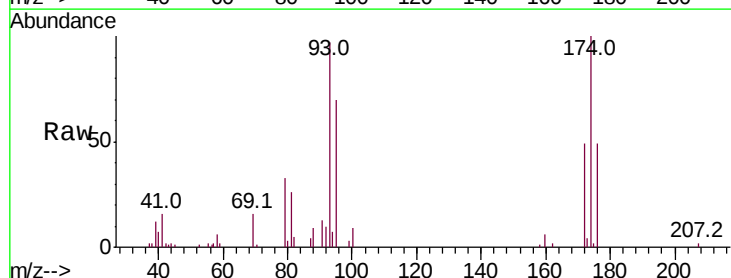
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

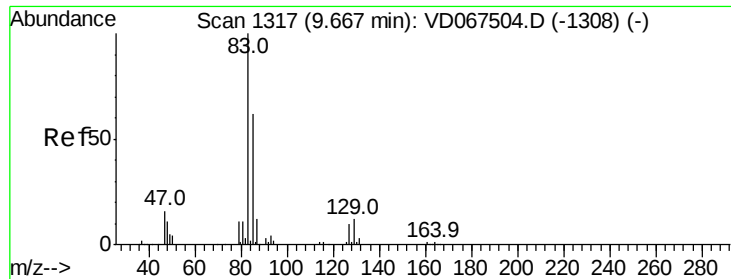
Tot Ion: 63 Resp: 42818
 Ion Ratio Lower Upper
 63 100
 65 34.0 26.9 40.3



#46
 Dibromomethane
 Concen: 21.082 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion: 93 Resp: 26523
 Ion Ratio Lower Upper
 93 100
 95 87.3 66.4 99.6
 174 118.4 88.2 132.4





#47

Bromodichloromethane

Concen: 22.484 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

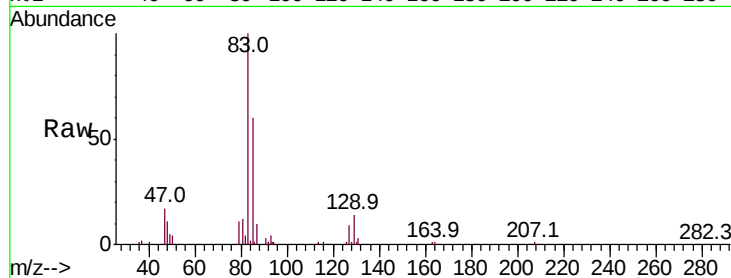
Tot Ion: 83 Resp: 76883

Ion Ratio Lower Upper

83 100

85 60.4 49.4 74.2

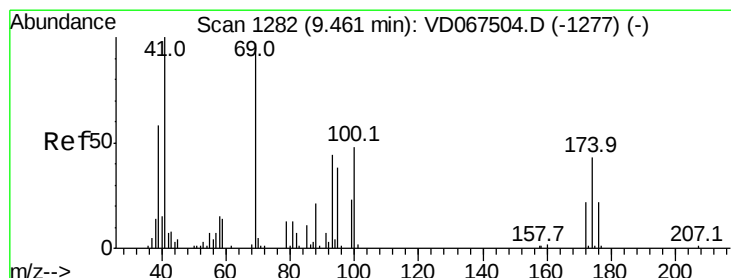
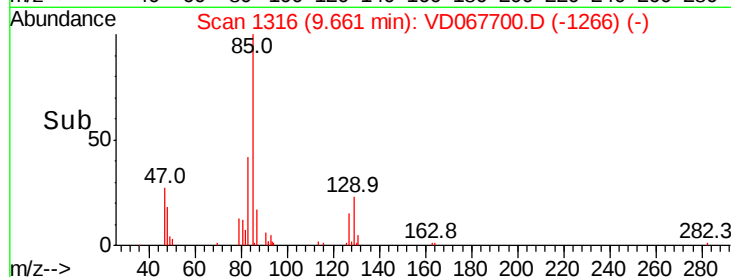
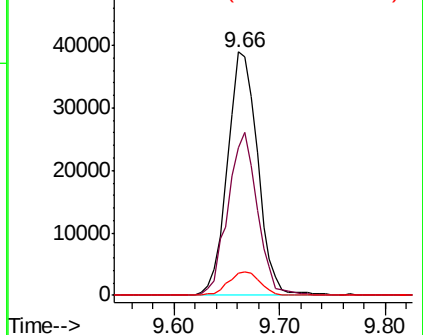
127 9.3 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 18.047 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

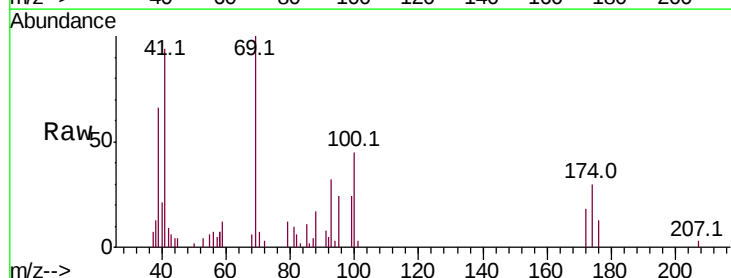
Tgt Ion: 41 Resp: 16164

Ion Ratio Lower Upper

41 100

69 121.1 80.6 121.0#

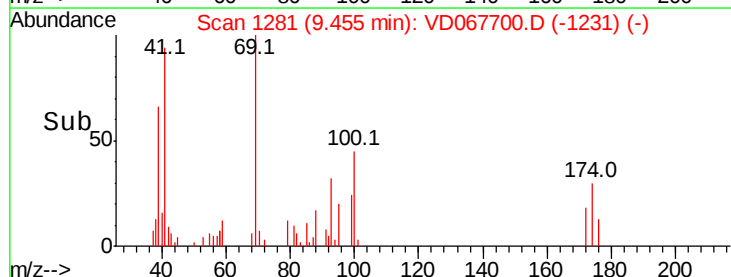
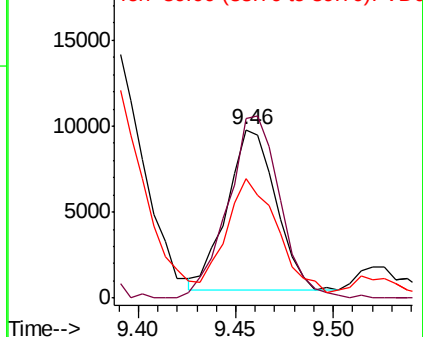
39 81.1 50.2 75.4#

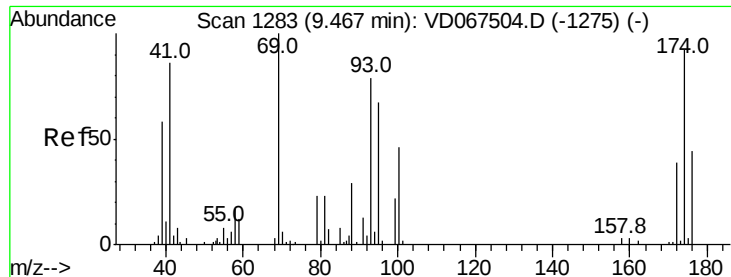


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

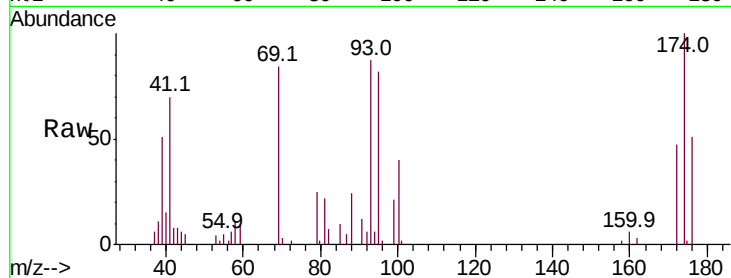




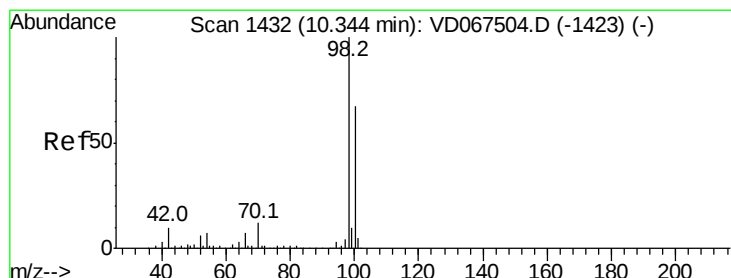
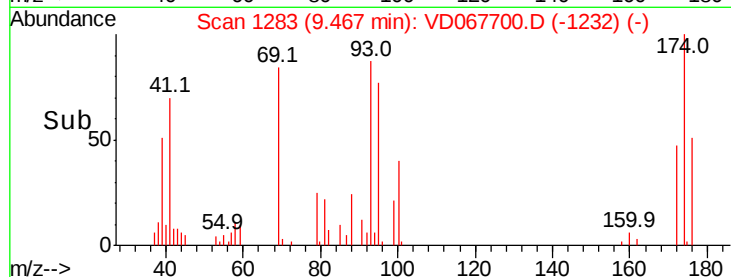
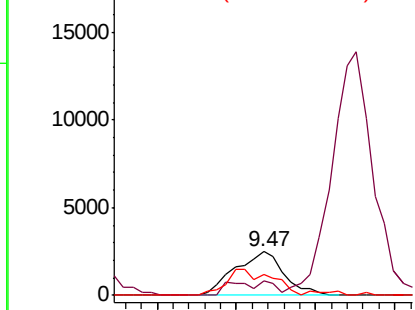
#49
 1,4-Dioxane
 Concen: 420.457 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion: 88 Resp: 5370
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.6 35.4#
 58 0.0 44.7 67.1#

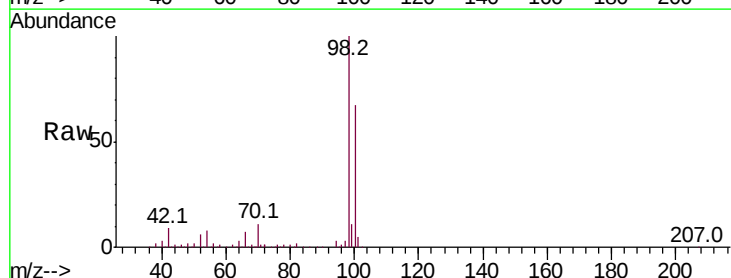


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

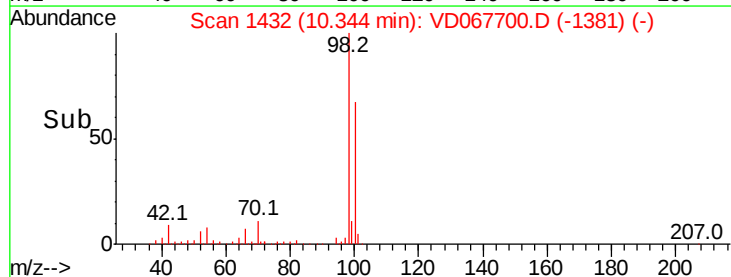
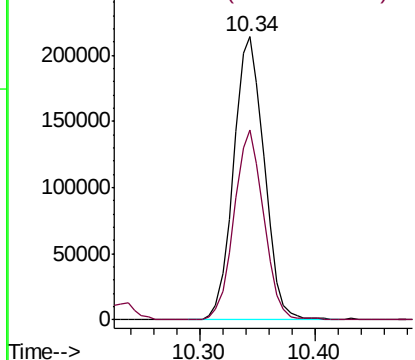


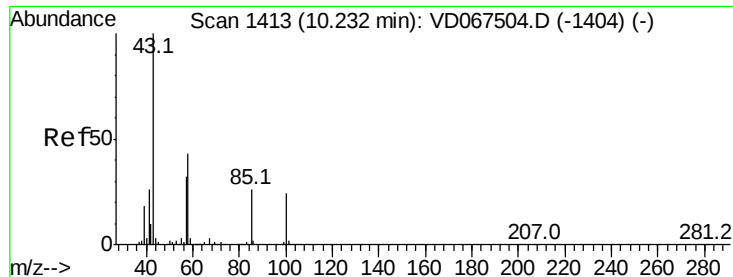
#50
 Toluene-d8
 Concen: 46.892 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion: 98 Resp: 391882
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 107.745 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

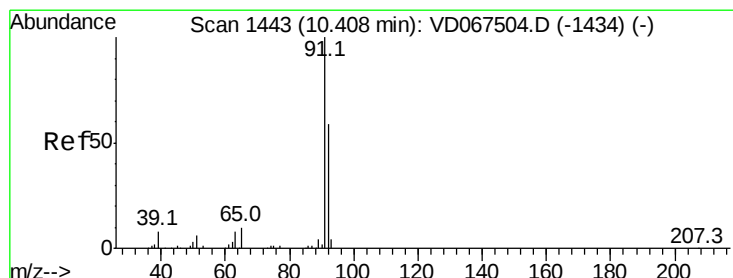
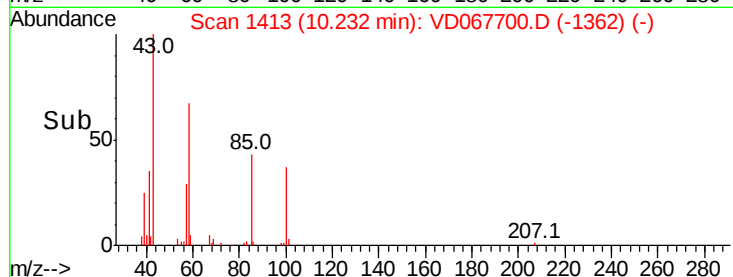
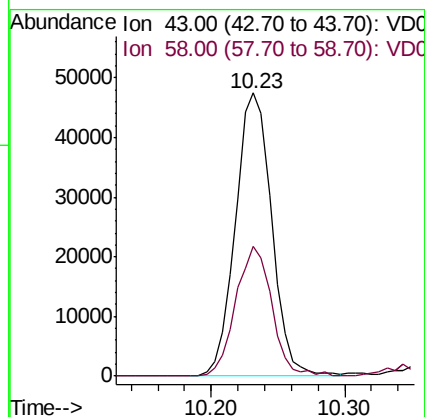
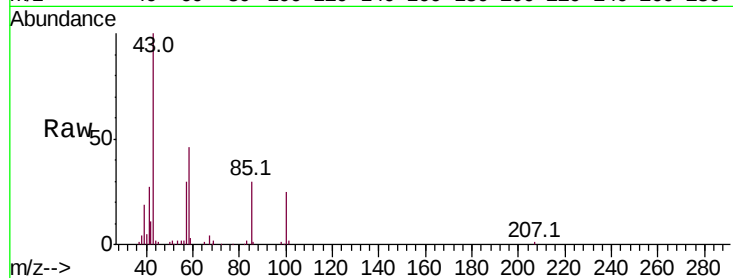
VD1119SBS01

Tot Ion: 43 Resp: 89389

Ion Ratio Lower Upper

43 100

58 45.6 35.6 53.4



#52

Toluene

Concen: 22.354 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067700.D

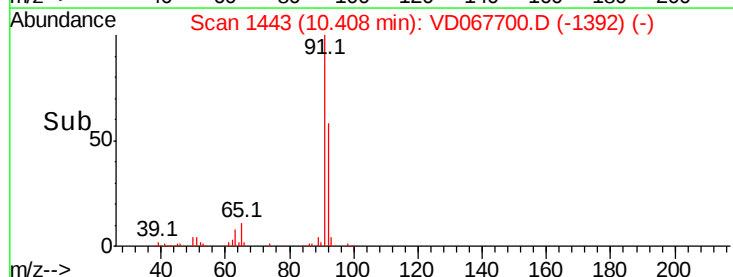
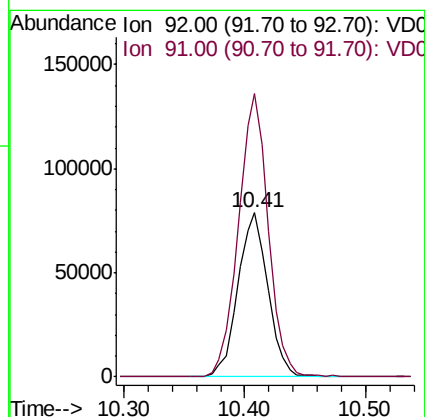
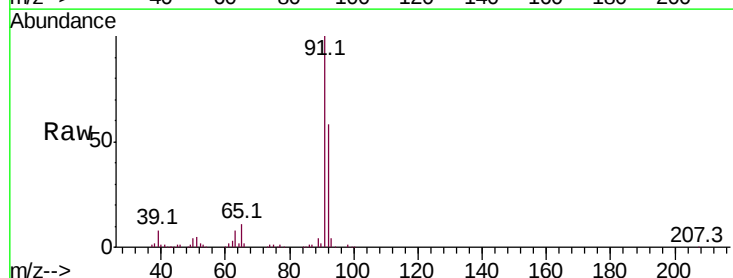
Acq: 19 Nov 2020 11:33

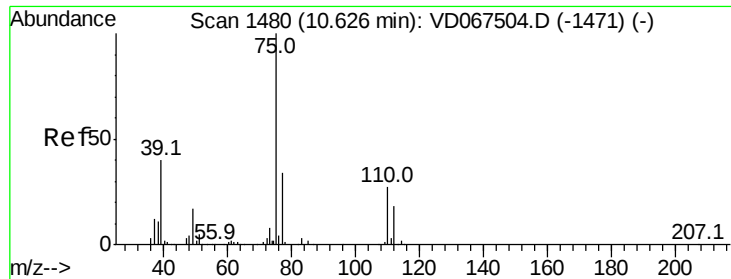
Tgt Ion: 92 Resp: 137025

Ion Ratio Lower Upper

92 100

91 171.4 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 22.559 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

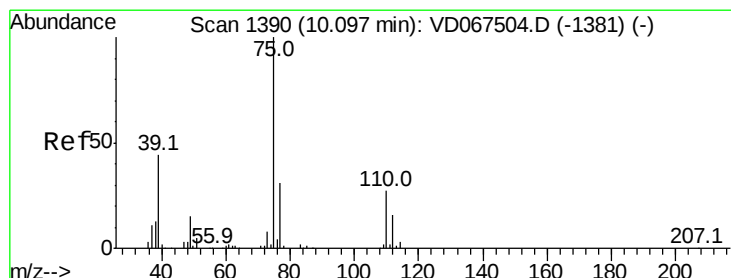
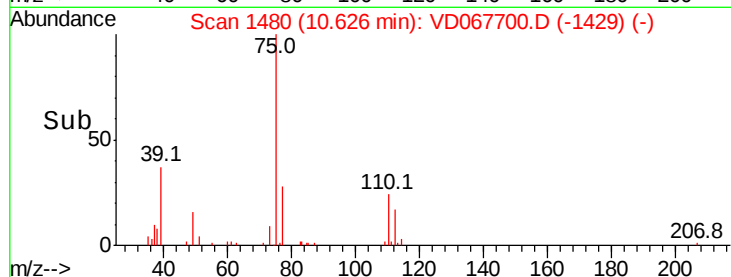
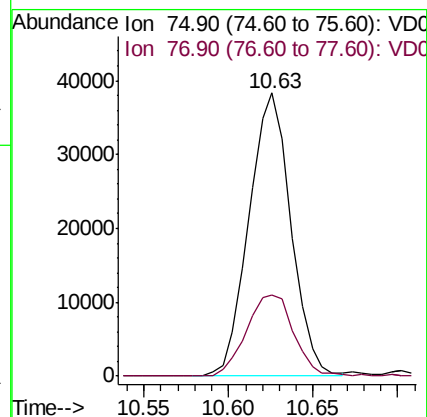
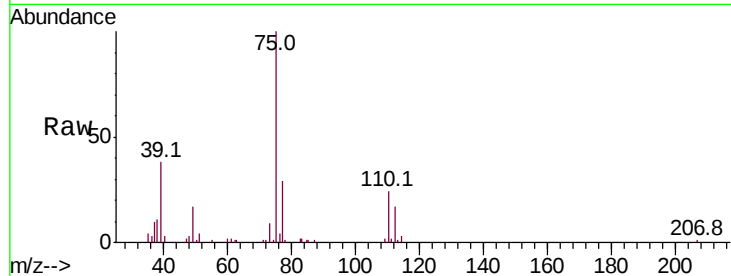
VD1119SBS01

Tot Ion: 75 Resp: 66067

Ion Ratio Lower Upper

75 100

77 28.6 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 21.384 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

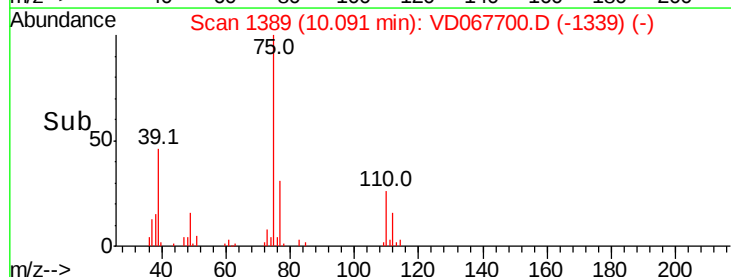
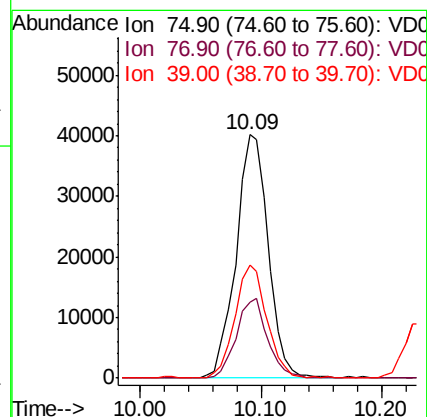
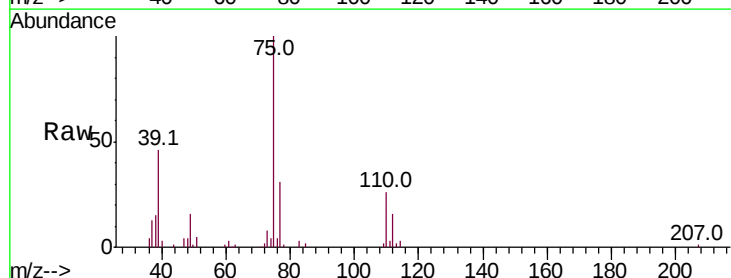
Tgt Ion: 75 Resp: 74409

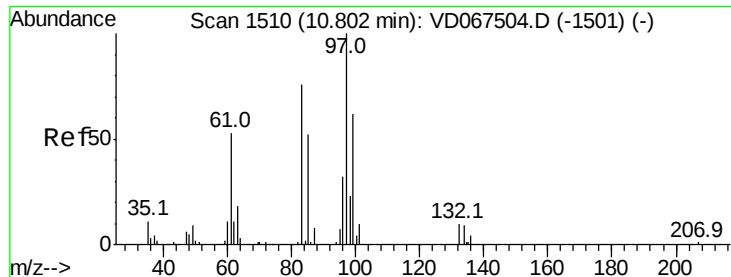
Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

39 46.3 35.6 53.4

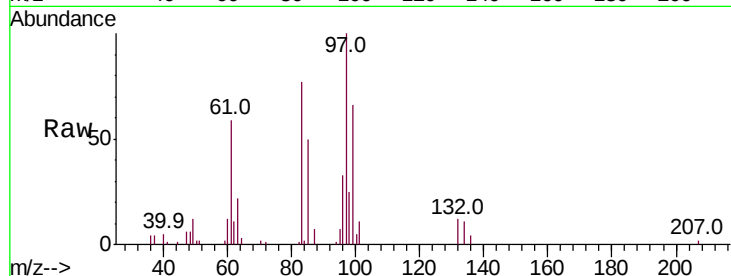




#55
 1,1,2-Trichloroethane
 Concen: 22.532 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Tot Ion:	97	Resp:	37507
Ion	Ratio	Lower	Upper
97	100		
83	76.7	61.0	91.6
85	50.4	41.5	62.3
99	66.3	49.4	74.2



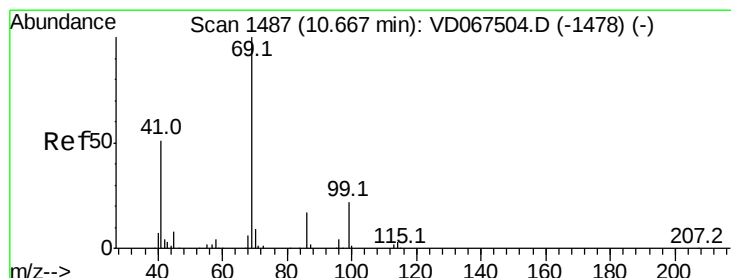
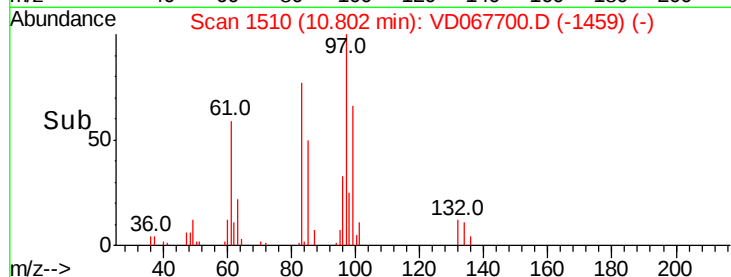
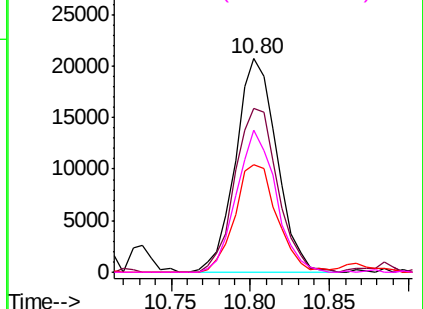
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

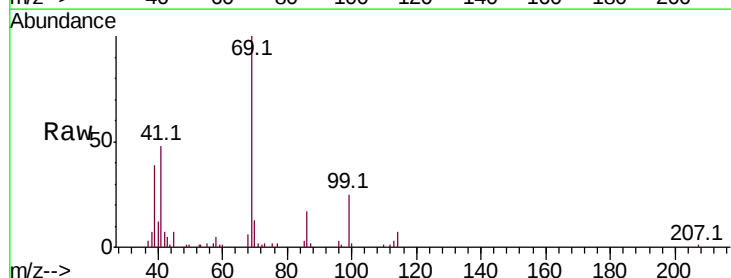
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 20.866 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion:	69	Resp:	35869
Ion	Ratio	Lower	Upper
69	100		
41	54.7	45.4	68.0
39	35.0	27.4	41.0

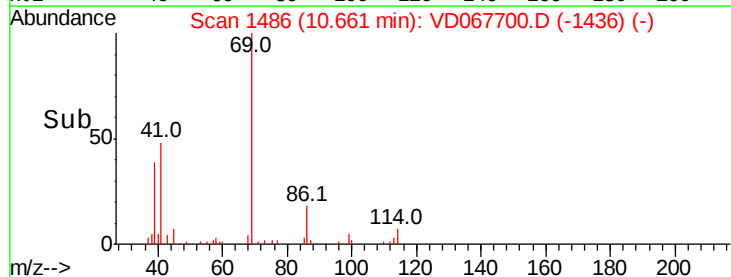
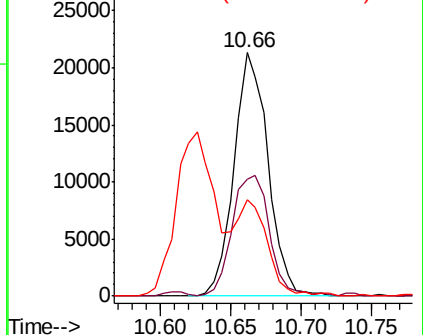


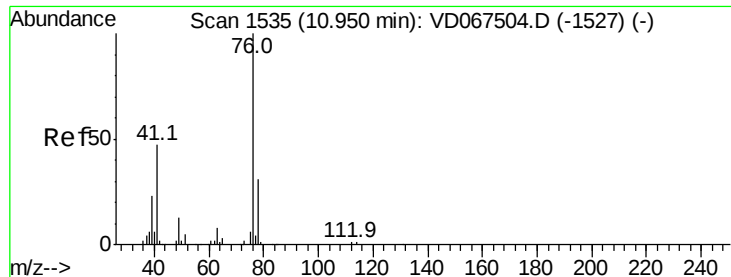
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.625 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

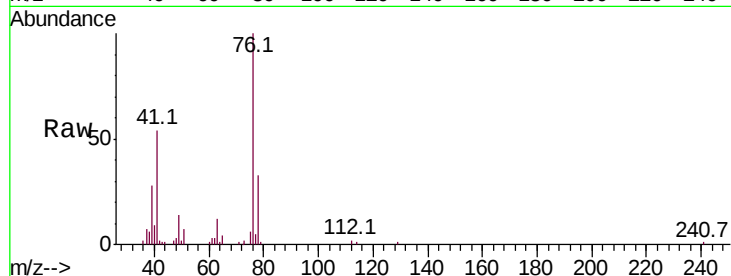
VD1119SBS01

Tot Ion: 76 Resp: 57925

Ion Ratio Lower Upper

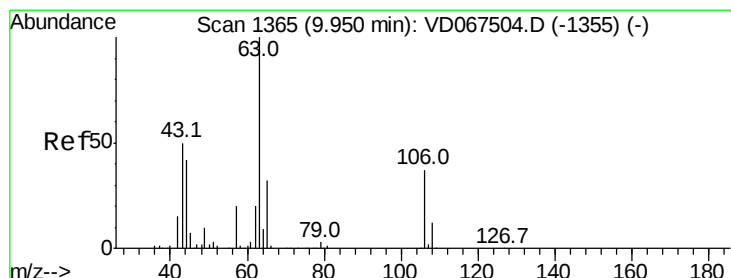
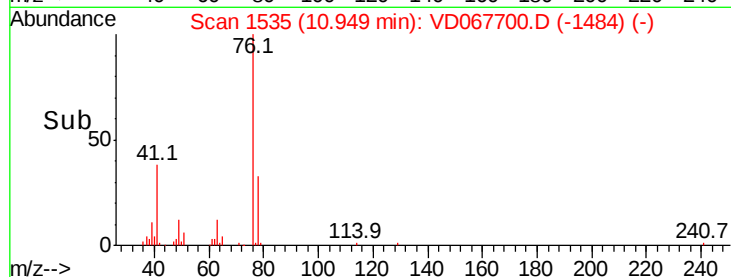
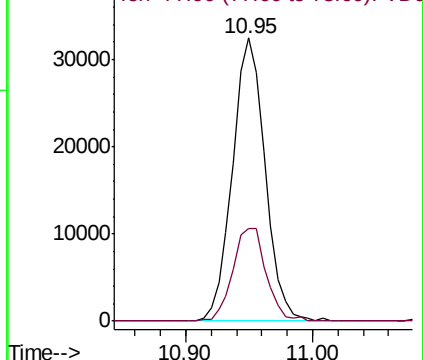
76 100

78 33.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 104.686 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067700.D

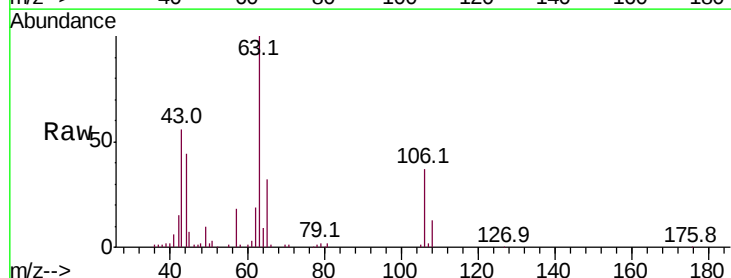
Acq: 19 Nov 2020 11:33

Tgt Ion: 63 Resp: 83918

Ion Ratio Lower Upper

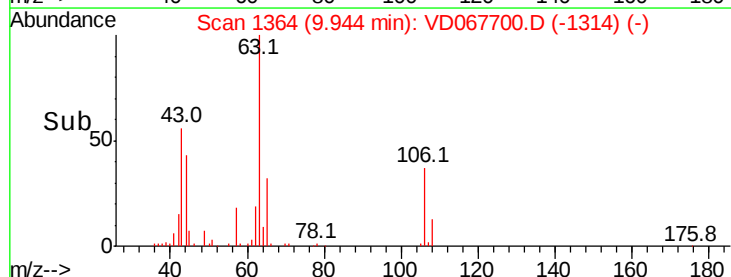
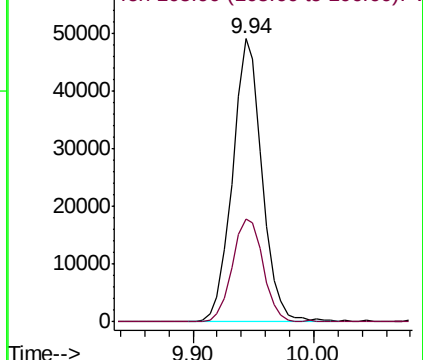
63 100

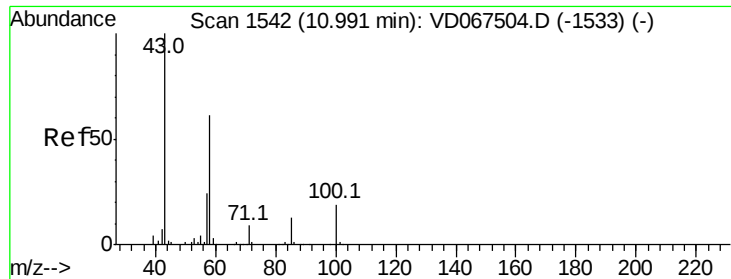
106 37.7 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

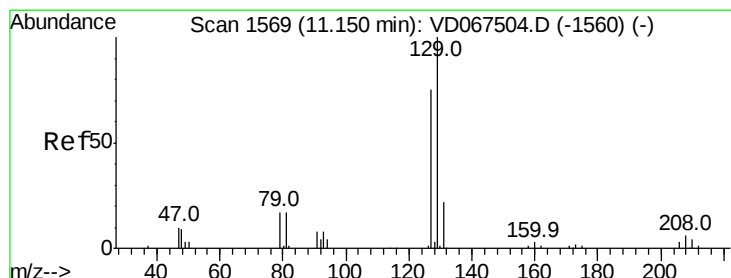
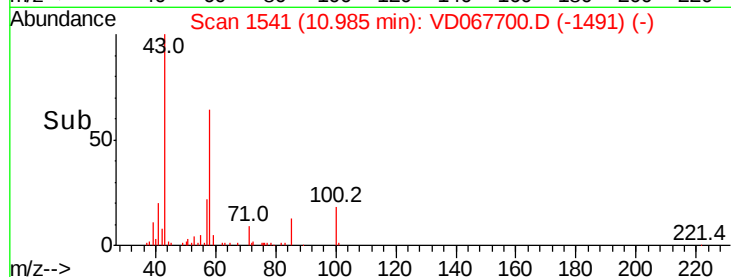
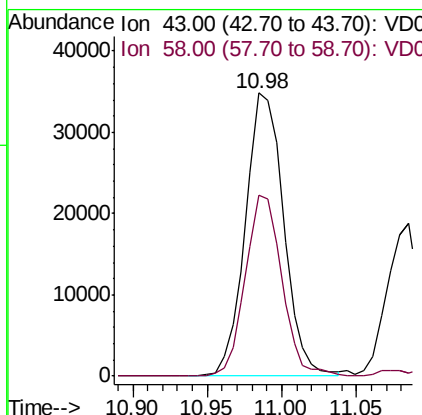
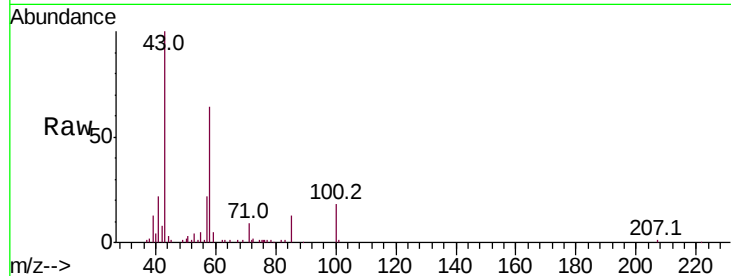




#59
2-Hexanone
Concen: 106.760 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

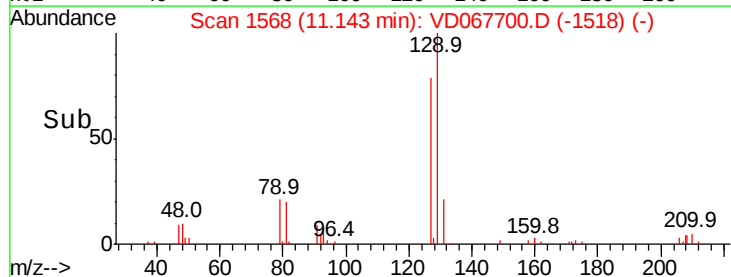
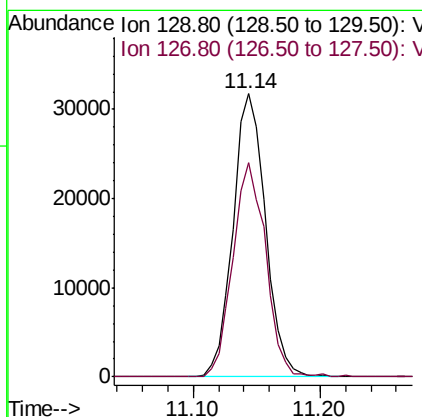
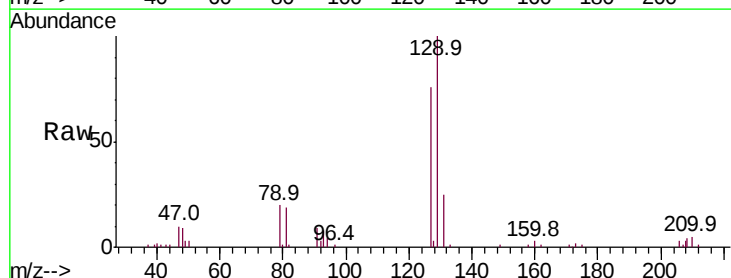
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

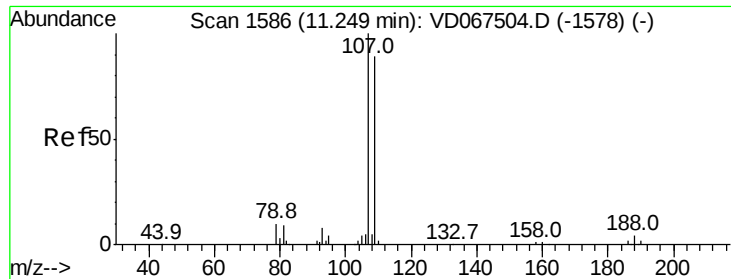
Tot Ion: 43 Resp: 61929
Ion Ratio Lower Upper
43 100
58 60.9 30.3 90.9



#60
Dibromochloromethane
Concen: 22.820 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 129 Resp: 56193
Ion Ratio Lower Upper
129 100
127 76.5 38.0 114.1

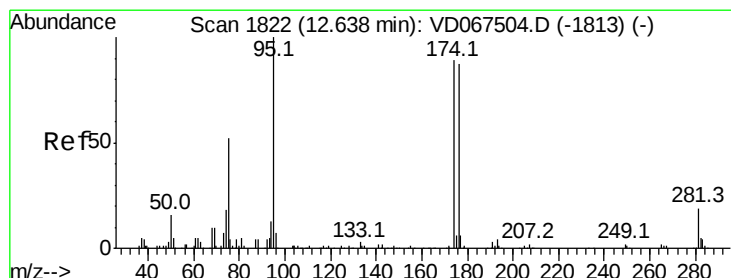
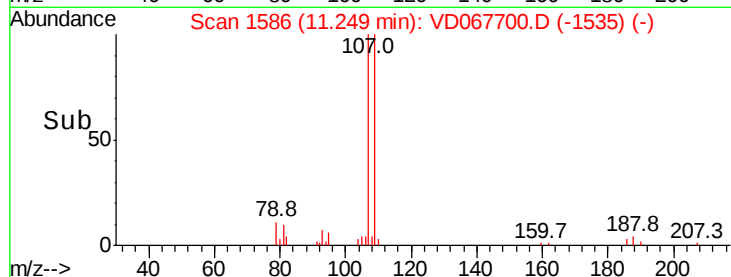
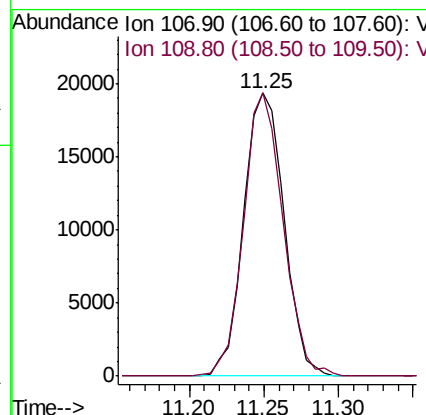
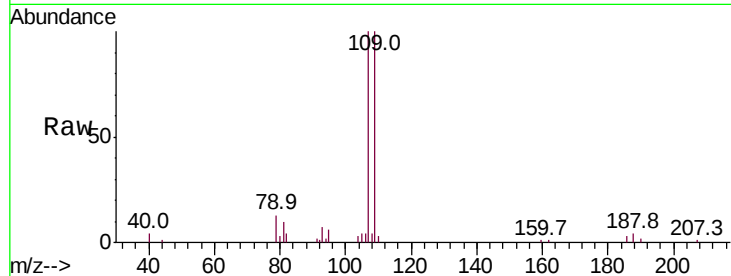




#61
 1,2-Dibromoethane
 Concen: 21.673 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

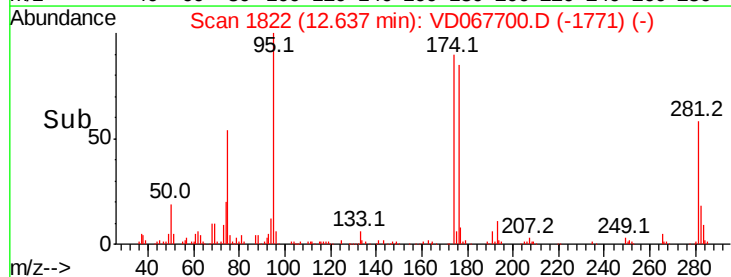
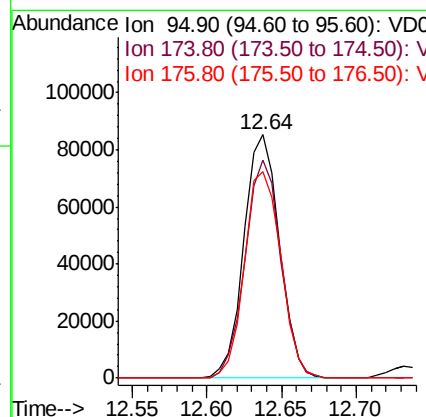
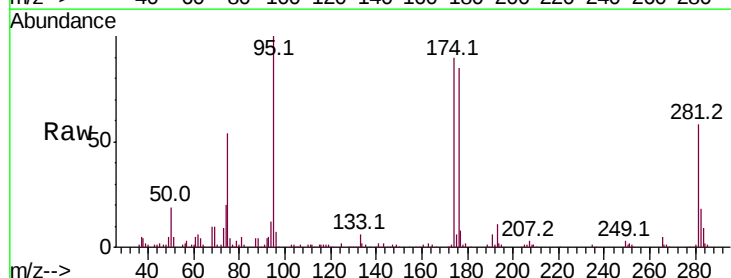
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

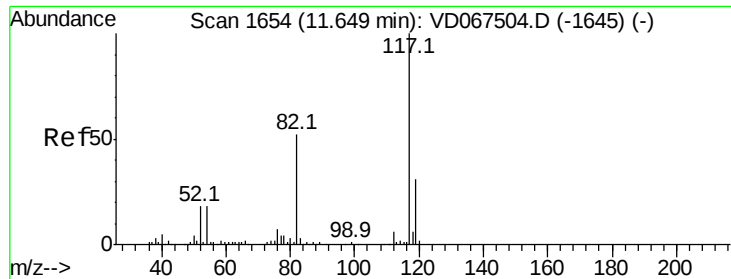
Tot Ion:107 Resp: 36208
 Ion Ratio Lower Upper
 107 100
 109 97.8 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.814 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion: 95 Resp: 140840
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 177.8
 176 86.9 0.0 172.0

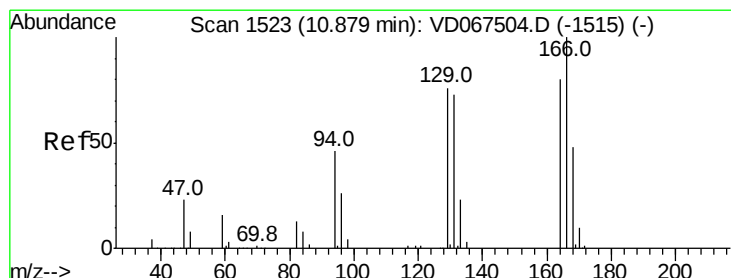
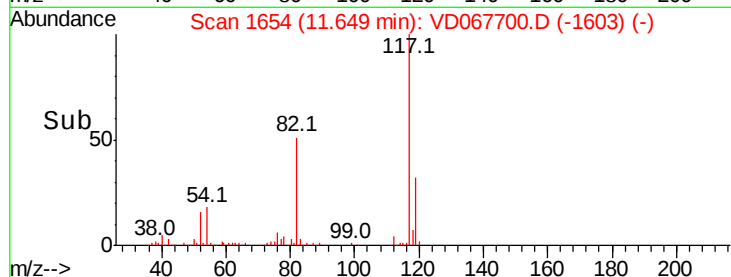
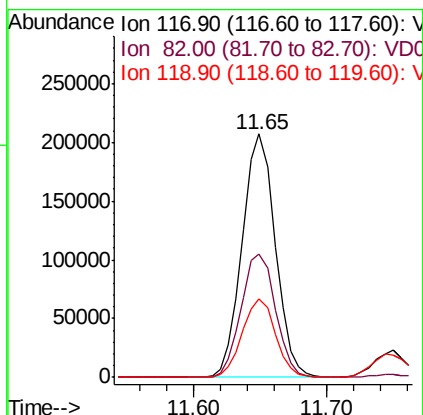
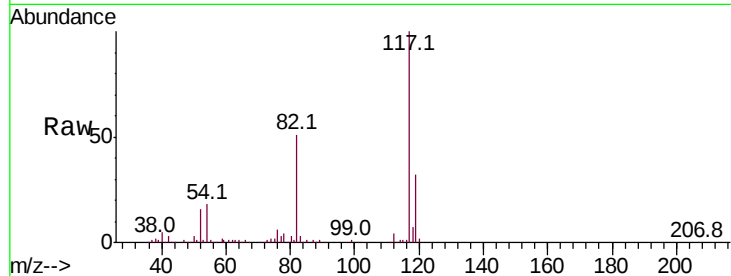




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

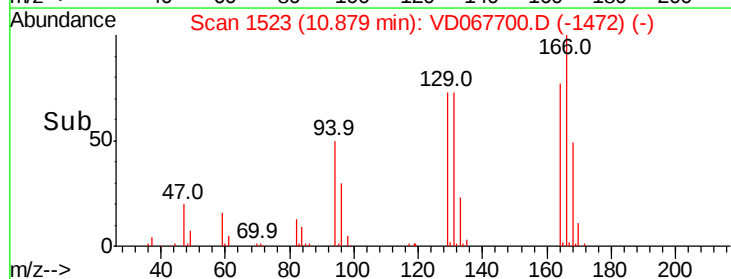
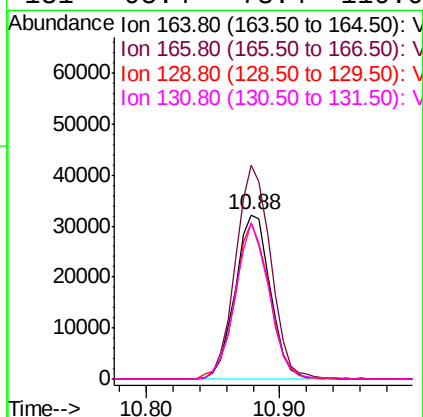
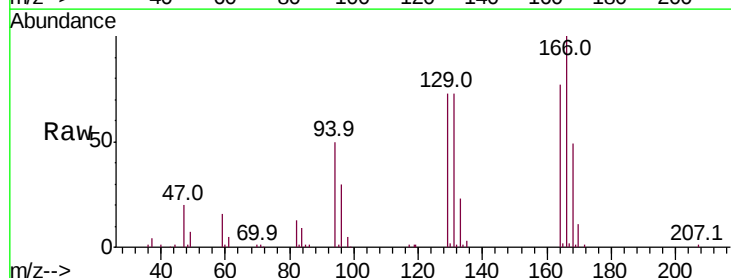
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

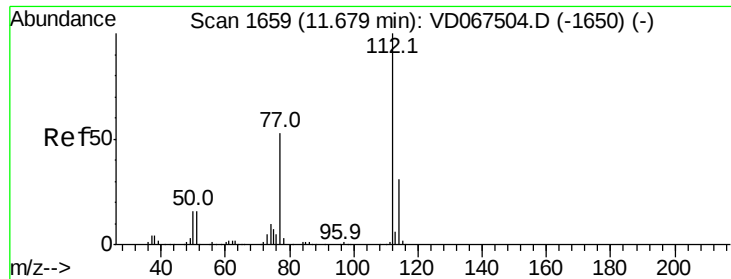
Tot Ion:117 Resp: 356077
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 32.2 25.1 37.7



#64
Tetrachloroethene
Concen: 22.204 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion:164 Resp: 58554
Ion Ratio Lower Upper
164 100
166 130.0 99.9 149.9
129 94.9 75.5 113.3
131 95.4 73.4 110.0

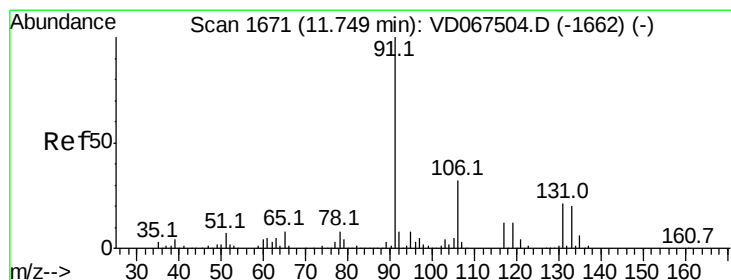
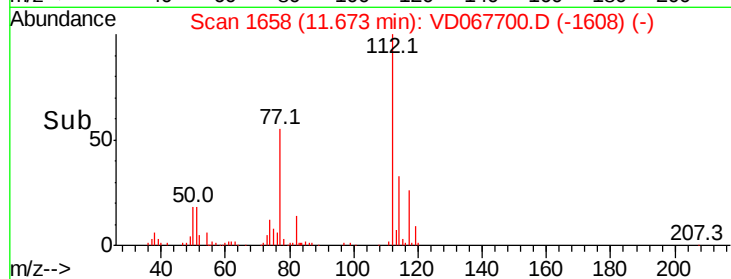
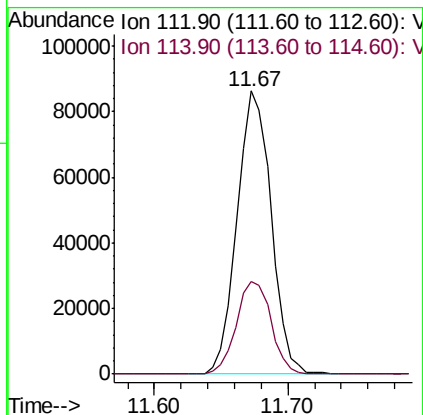
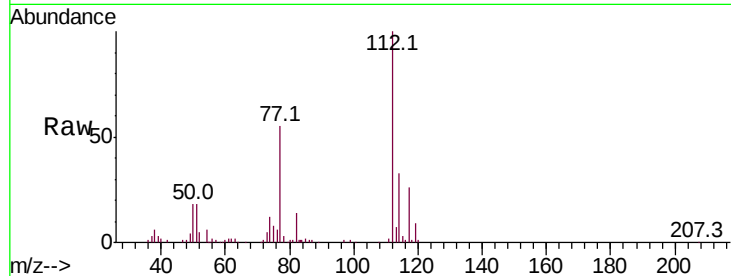




#65
Chlorobenzene
Concen: 22.212 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

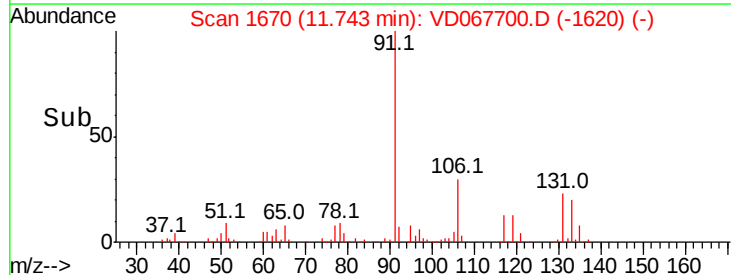
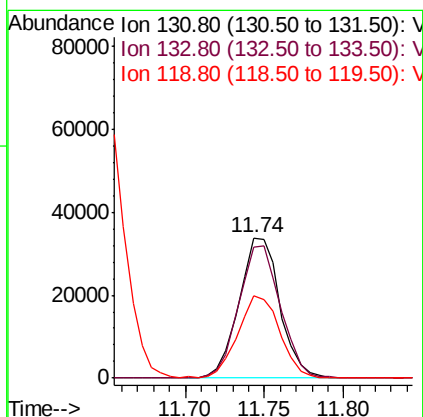
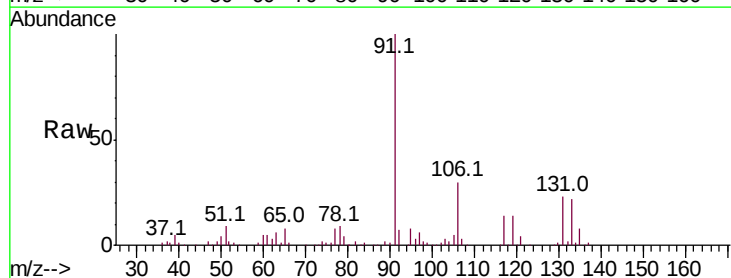
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

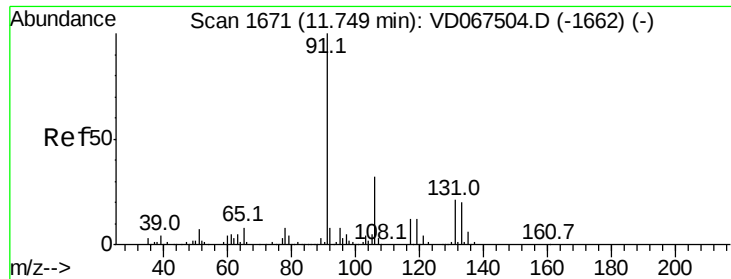
Tot Ion:112 Resp: 152352
Ion Ratio Lower Upper
112 100
114 32.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.362 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion:131 Resp: 60453
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 60.5 30.1 90.5





#67

Ethyl Benzene

Concen: 22.353 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

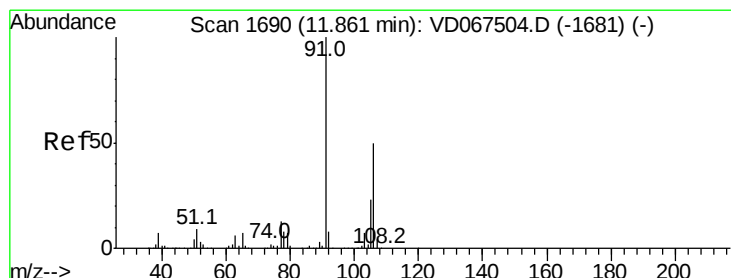
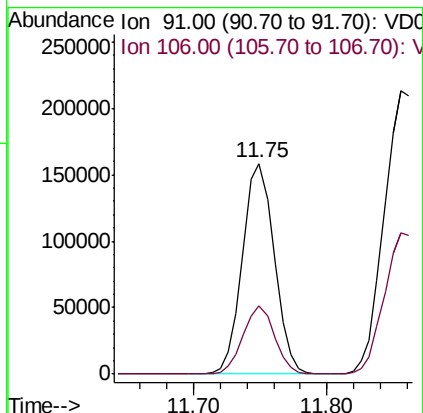
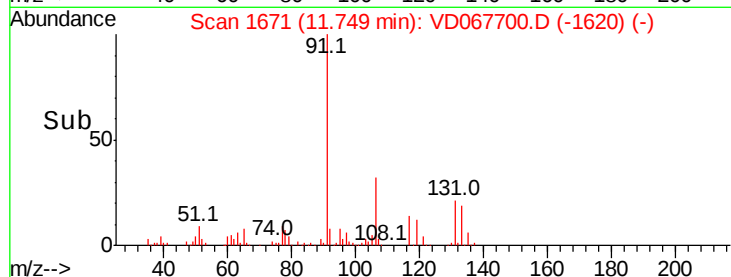
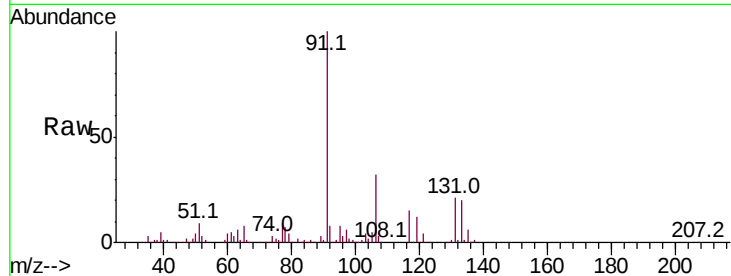
VD1119SBS01

Tot Ion: 91 Resp: 262365

Ion Ratio Lower Upper

91 100

106 32.2 25.7 38.5



#68

m/p-Xylenes

Concen: 45.519 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067700.D

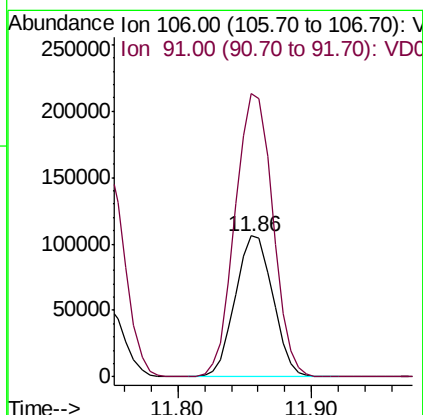
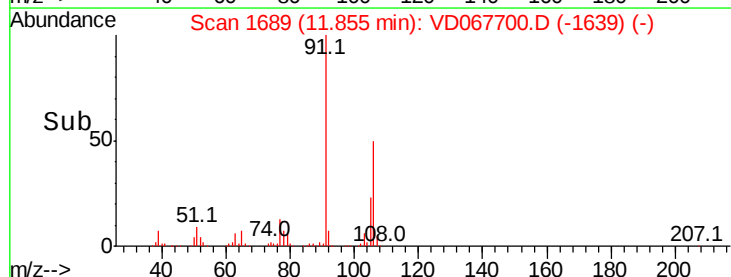
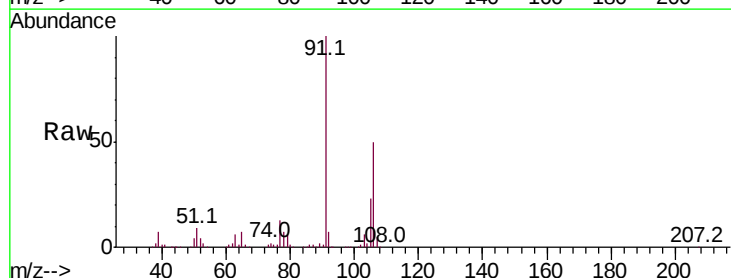
Acq: 19 Nov 2020 11:33

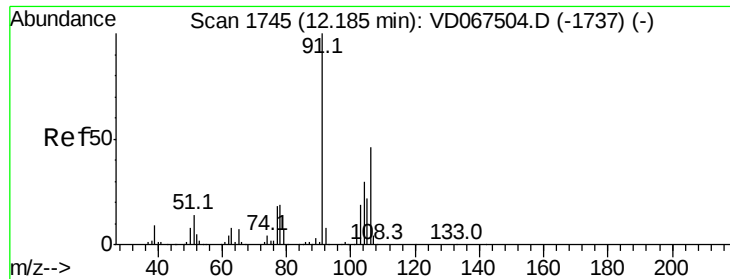
Tgt Ion: 106 Resp: 207850

Ion Ratio Lower Upper

106 100

91 201.6 162.6 244.0

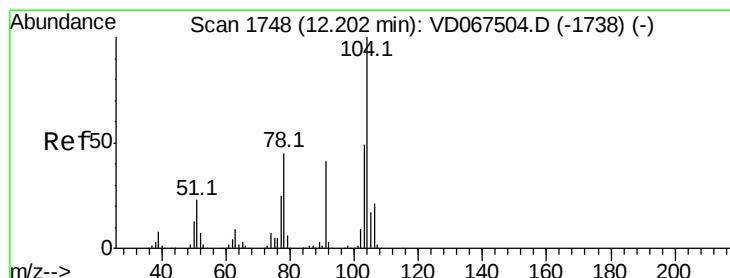
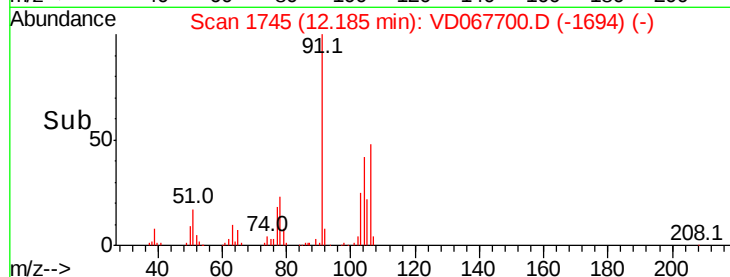
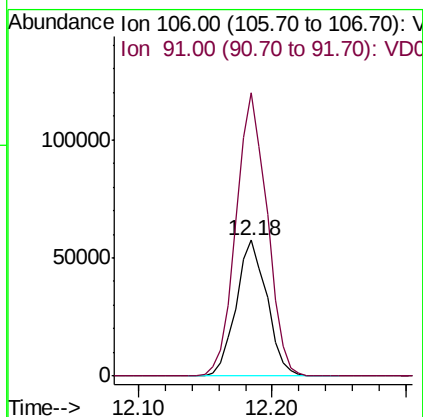
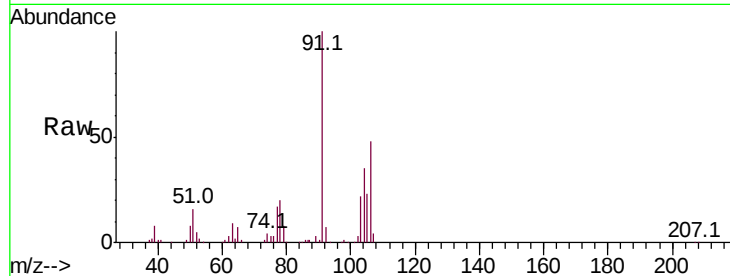




#69
o-Xylene
Concen: 22.607 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

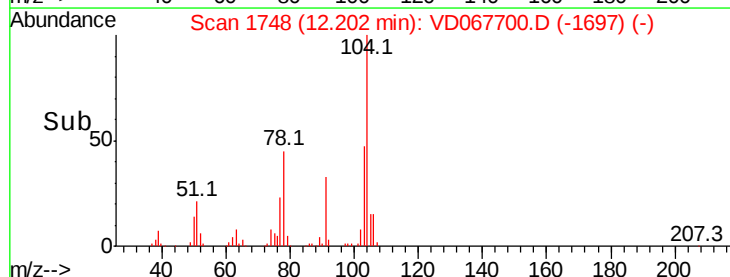
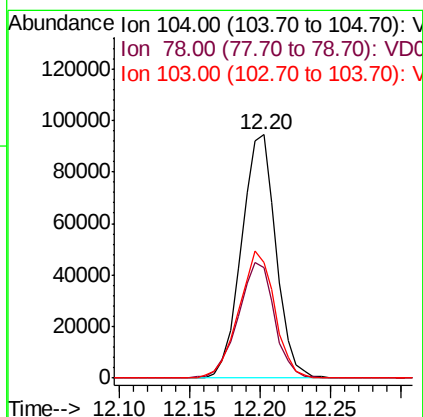
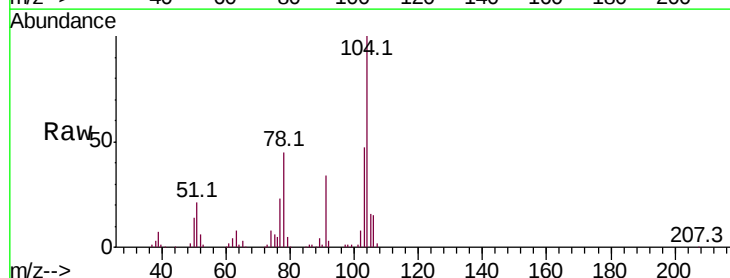
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

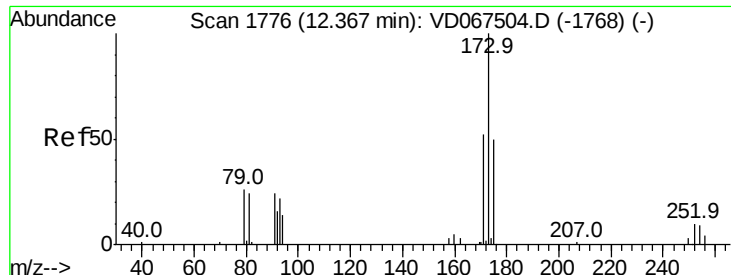
Tot Ion:106 Resp: 92166
Ion Ratio Lower Upper
106 100
91 209.7 107.1 321.1



#70
Styrene
Concen: 22.677 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion:104 Resp: 161101
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.8
103 54.4 43.9 65.9

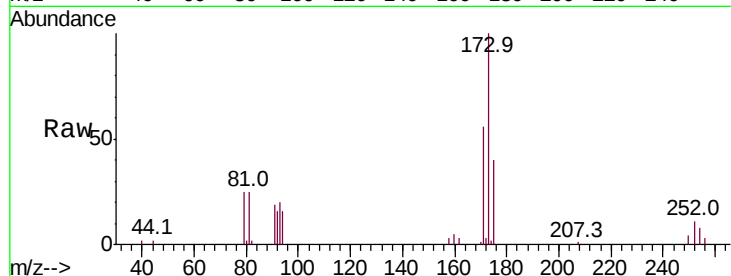




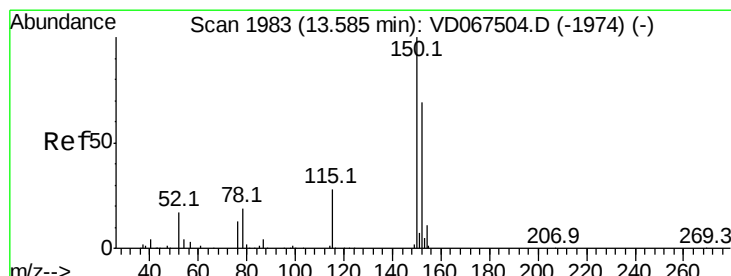
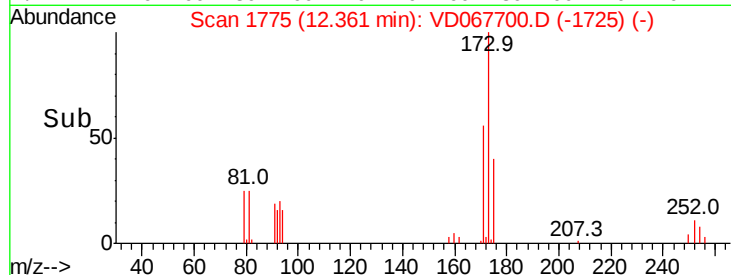
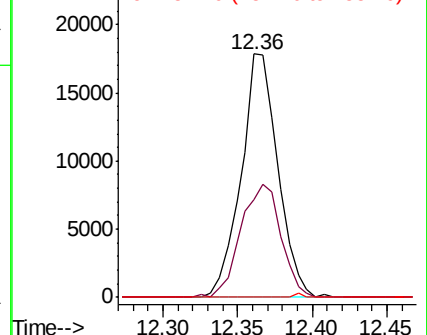
#71
Bromoform
Concen: 22.064 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion:173 Resp: 30420
Ion Ratio Lower Upper
173 100
175 51.0 24.1 72.2
254 0.0 0.0 0.0

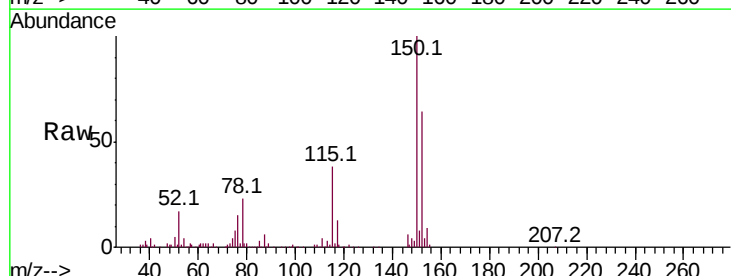


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

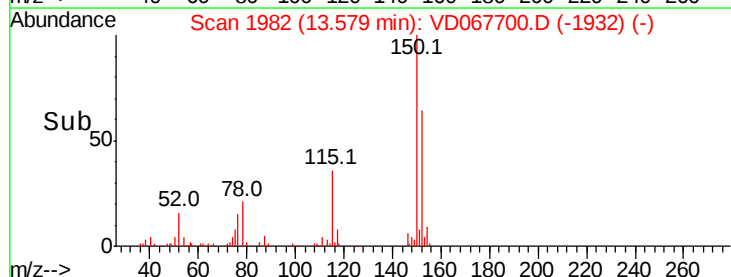
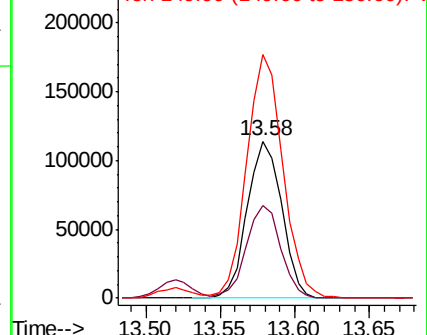


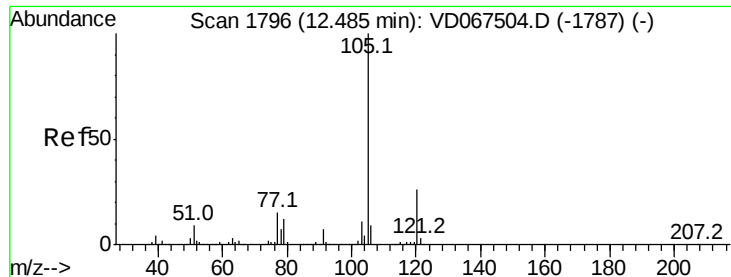
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion:152 Resp: 182307
Ion Ratio Lower Upper
152 100
115 59.1 29.3 88.0
150 162.2 0.0 338.2



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





#73

Isopropylbenzene

Concen: 22.662 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

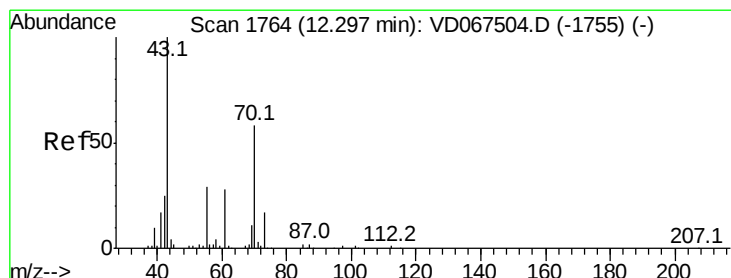
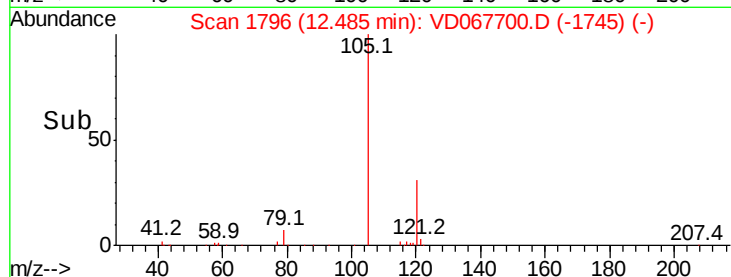
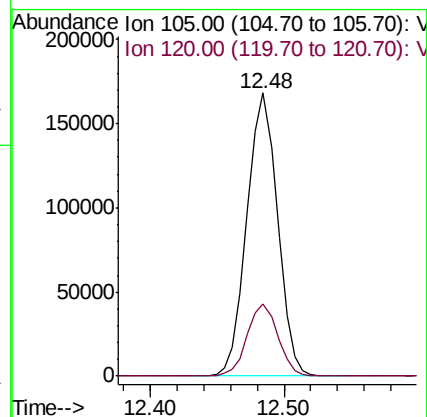
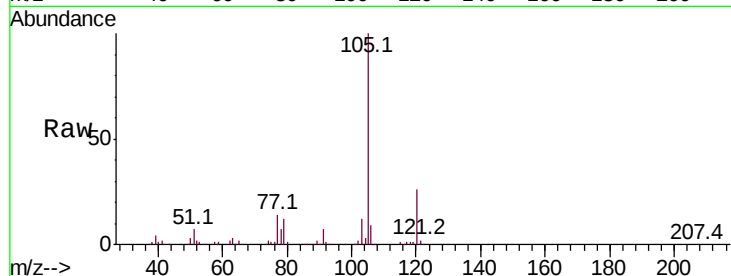
VD1119SBS01

Tot Ion:105 Resp: 267009

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.6



#74

N-ethyl acetate

Concen: 21.109 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Tgt Ion: 43 Resp: 32726

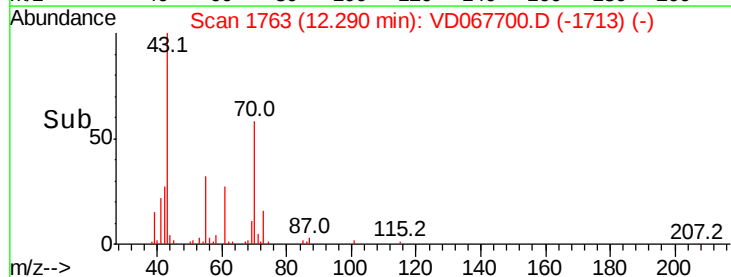
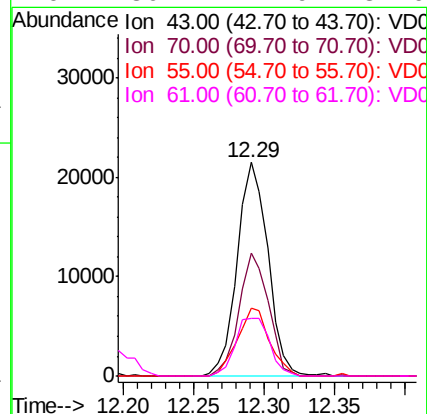
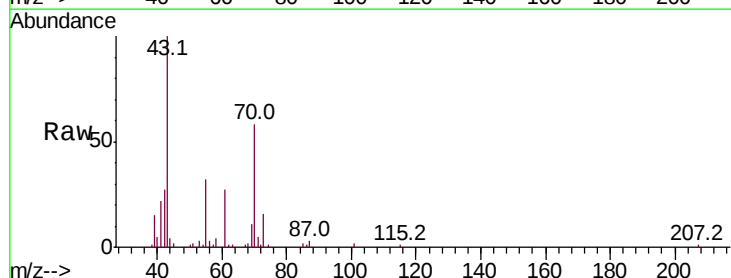
Ion Ratio Lower Upper

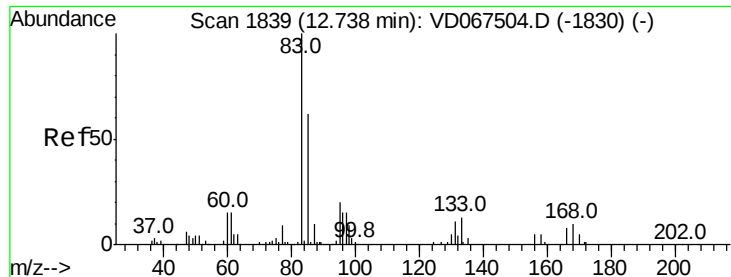
43 100

70 55.3 42.6 64.0

55 33.1 23.7 35.5

61 30.1 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.973 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

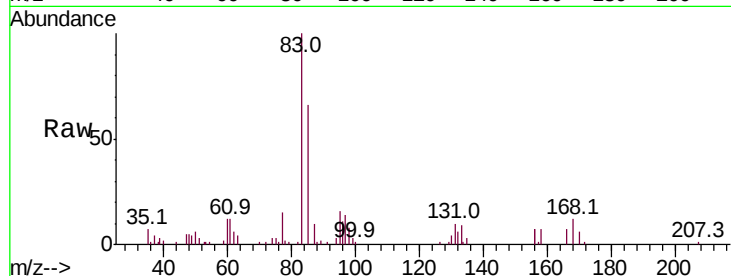
Tot Ion: 83 Resp: 36910

Ion Ratio Lower Upper

83 100

131 13.4 7.1 21.3

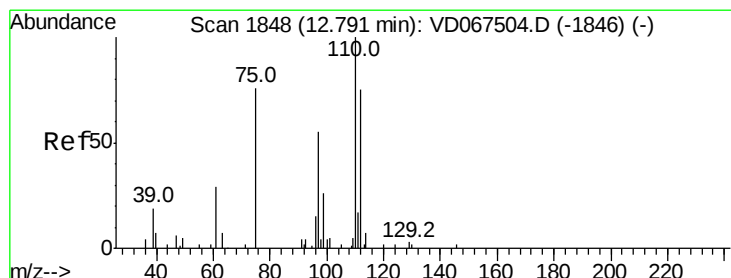
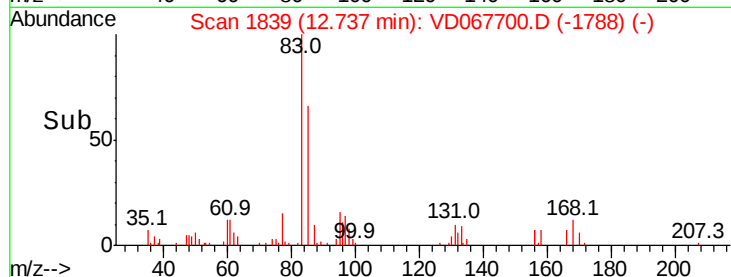
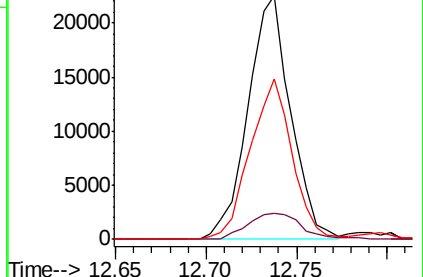
85 64.9 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 43.300 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067700.D

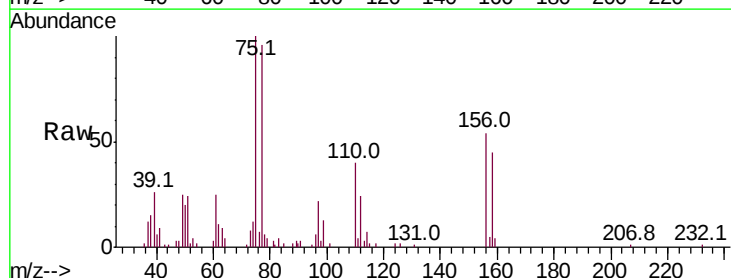
Acq: 19 Nov 2020 11:33

Tgt Ion: 75 Resp: 47620

Ion Ratio Lower Upper

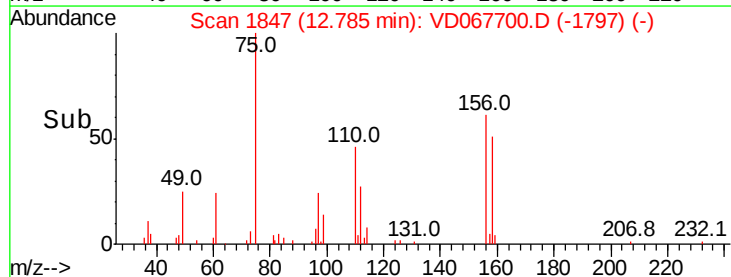
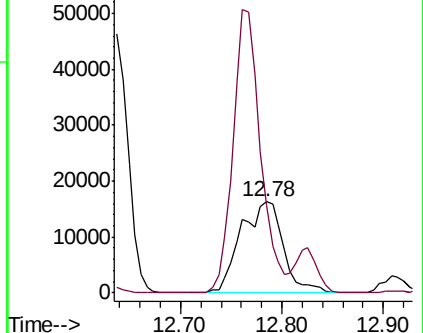
75 100

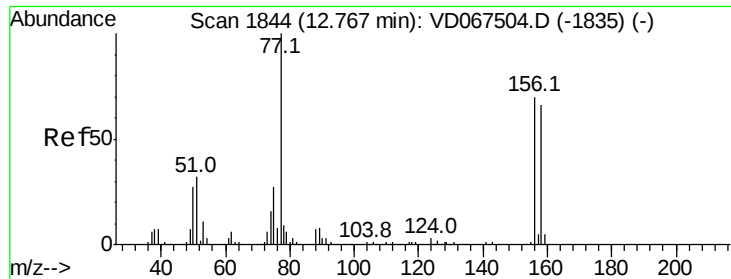
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.713 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

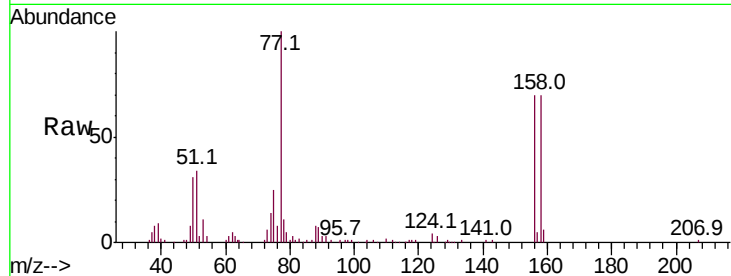
VD1119SBS01

Tot Ion:156 Resp: 62827

Ion	Ratio	Lower	Upper
156	100		
77	151.7	77.8	233.5
158	95.5	47.9	143.7

77 151.7 77.8 233.5

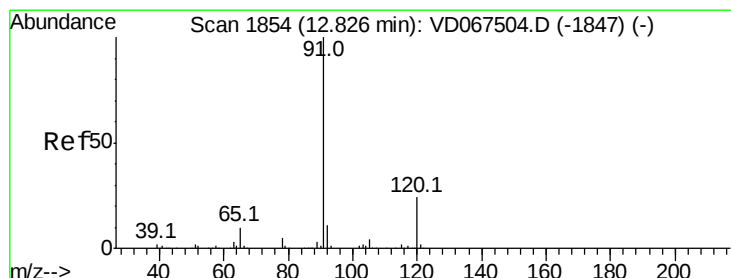
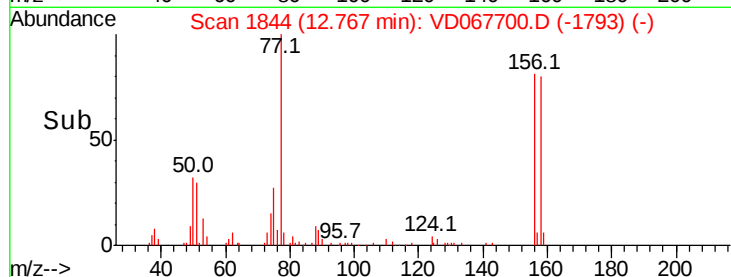
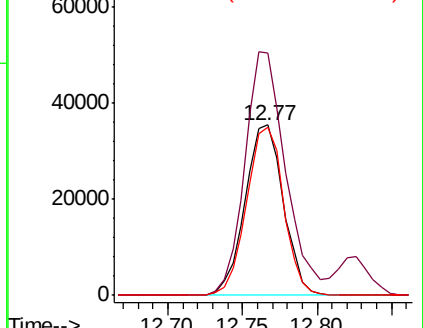
158 95.5 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.134 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067700.D

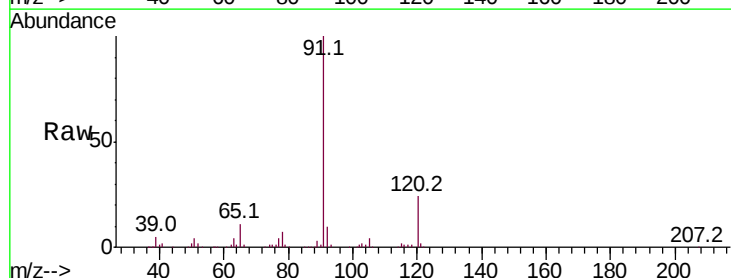
Acq: 19 Nov 2020 11:33

Tgt Ion: 91 Resp: 298298

Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.2	36.4

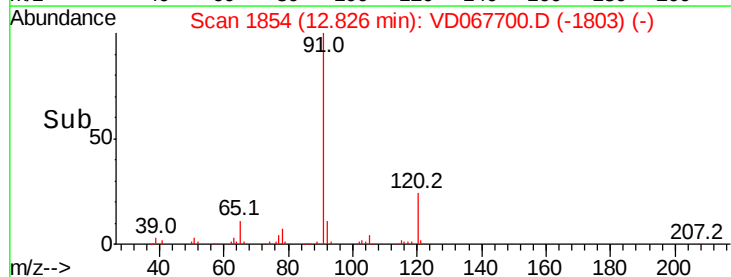
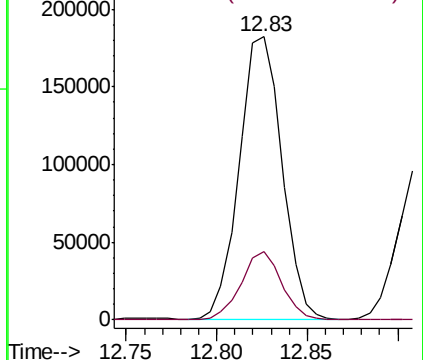
91 100

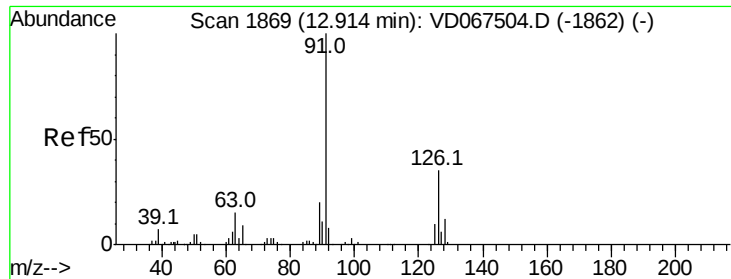
120 23.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.047 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

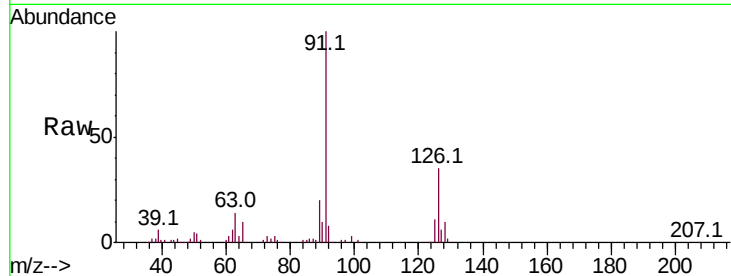
VD1119SBS01

Tot Ion: 91 Resp: 168779

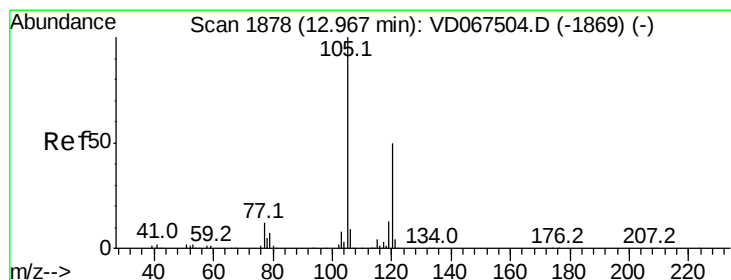
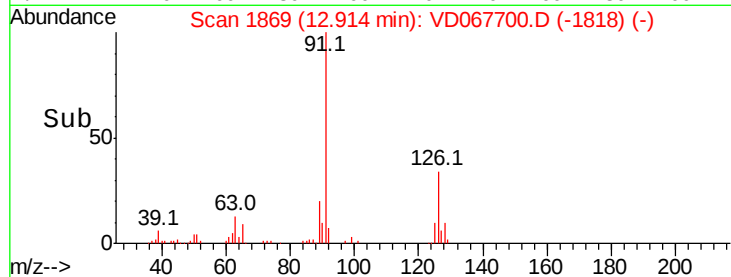
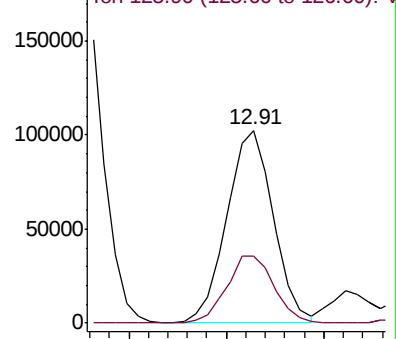
Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 22.520 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD067700.D

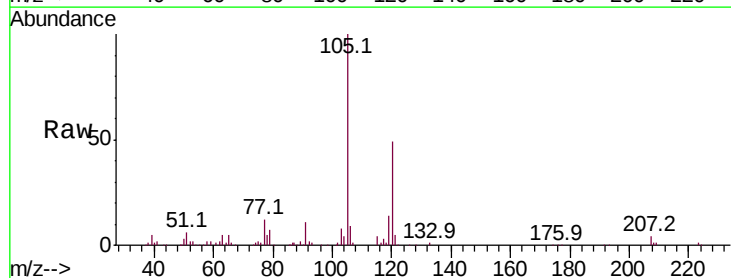
Acq: 19 Nov 2020 11:33

Tgt Ion:105 Resp: 226660

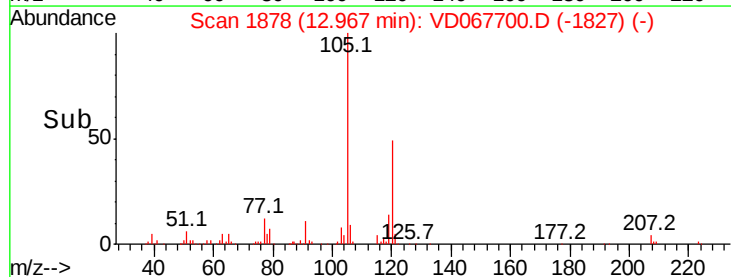
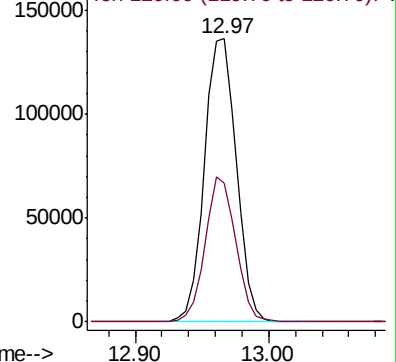
Ion Ratio Lower Upper

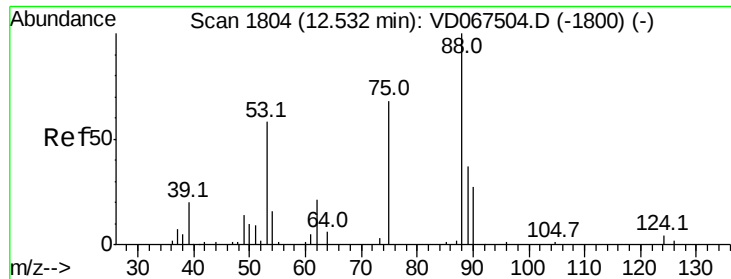
105 100

120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

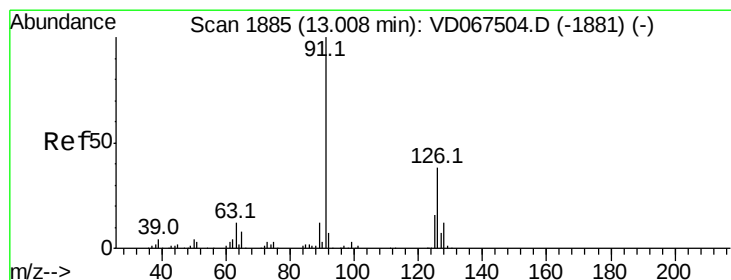
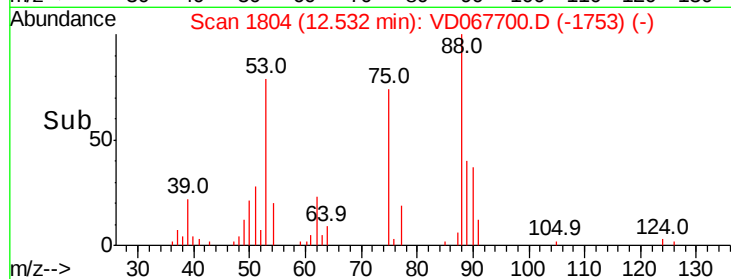
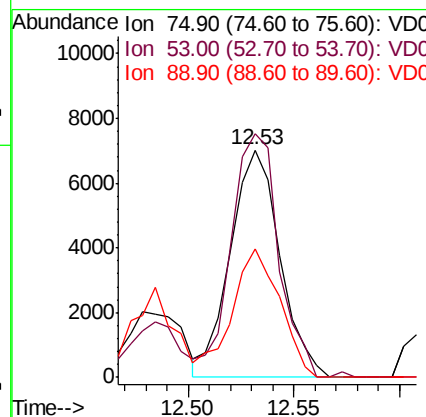
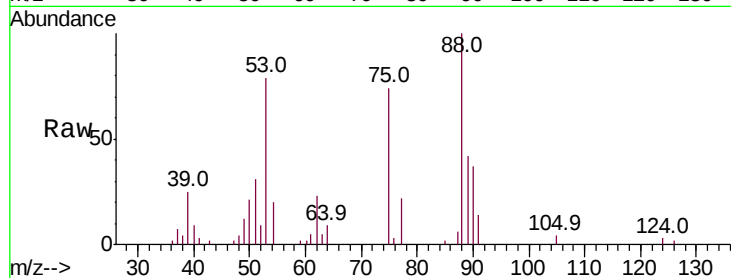




#81
trans-1,4-Dichloro-2-butene
Concen: 21.073 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

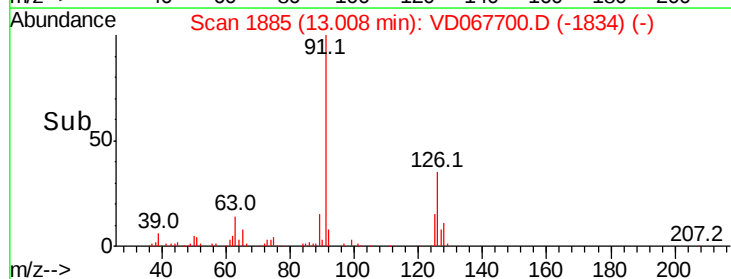
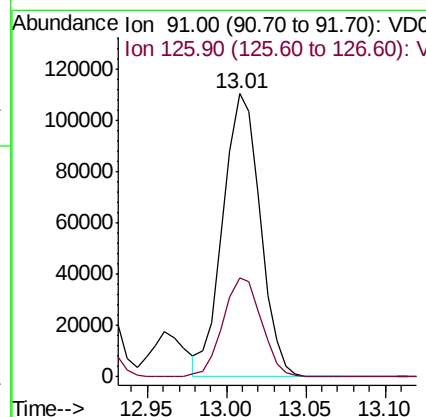
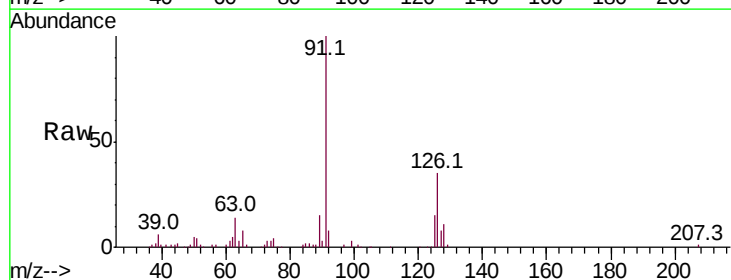
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

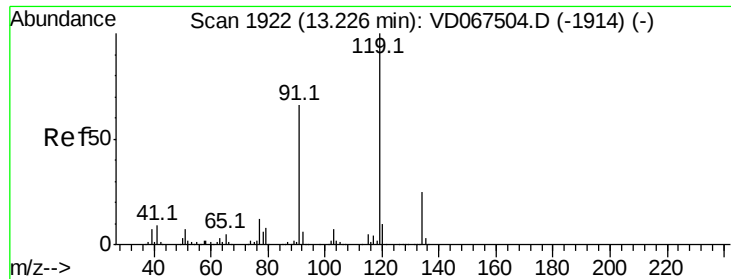
Tot Ion: 75 Resp: 11415
Ion Ratio Lower Upper
75 100
53 102.9 75.9 113.9
89 54.8 44.6 67.0



#82
4-Chlorotoluene
Concen: 21.993 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 91 Resp: 180575
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.7





#83

tert-Butylbenzene

Concen: 22.892 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

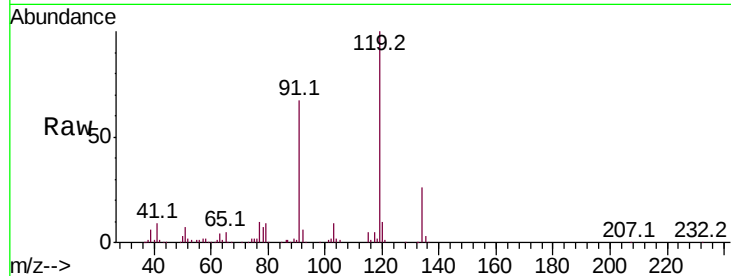
Tot Ion:119 Resp: 195268

Ion Ratio Lower Upper

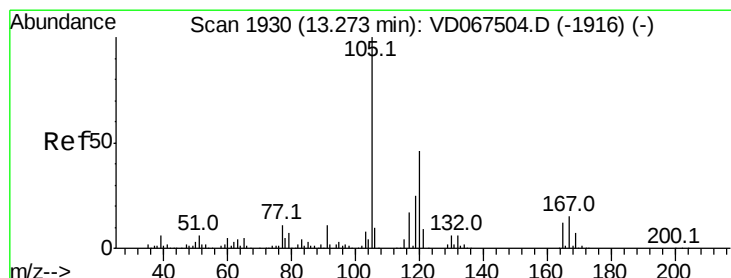
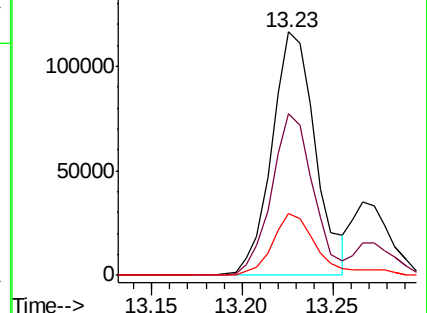
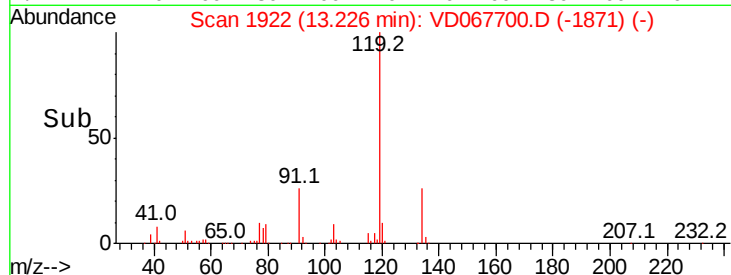
119 100

91 63.4 32.7 98.1

134 26.2 13.4 40.2



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



#84

1,2,4-Trimethylbenzene

Concen: 22.294 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD067700.D

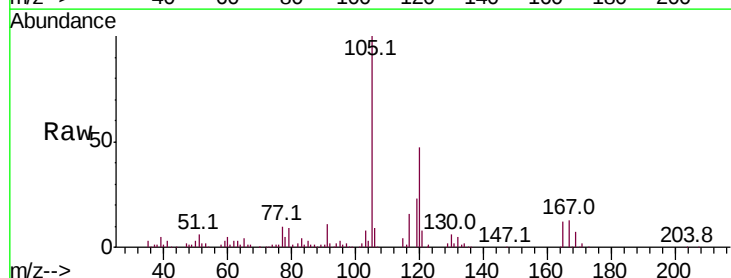
Acq: 19 Nov 2020 11:33

Tgt Ion:105 Resp: 223362

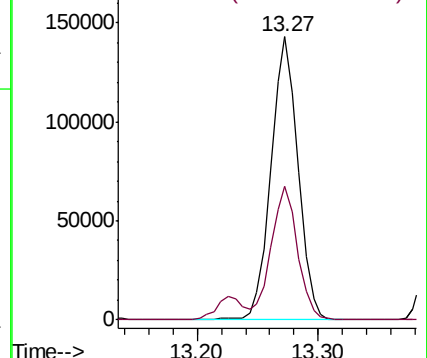
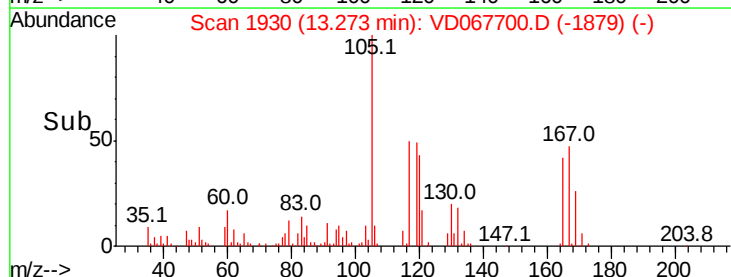
Ion Ratio Lower Upper

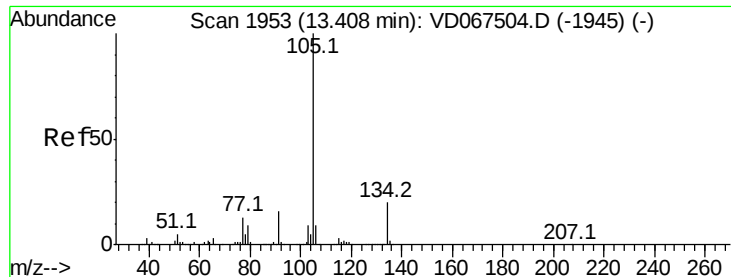
105 100

120 46.1 22.1 66.1



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





#85

sec-Butylbenzene

Concen: 22.346 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

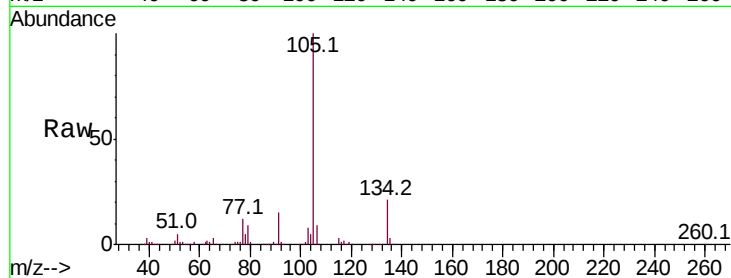
VD1119SBS01

Tot Ion:105 Resp: 257319

Ion Ratio Lower Upper

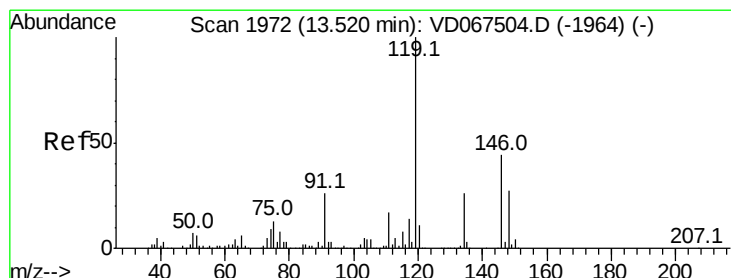
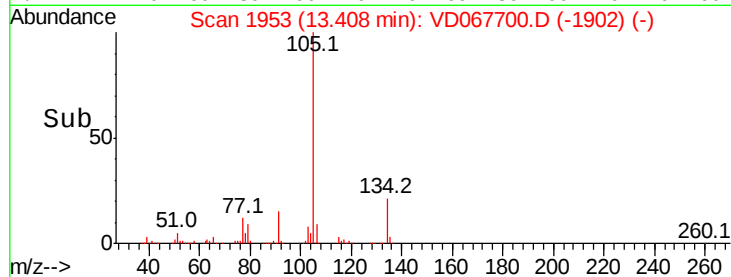
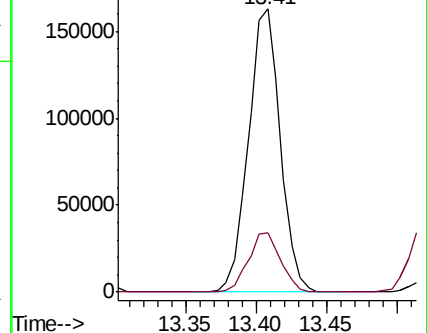
105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.176 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

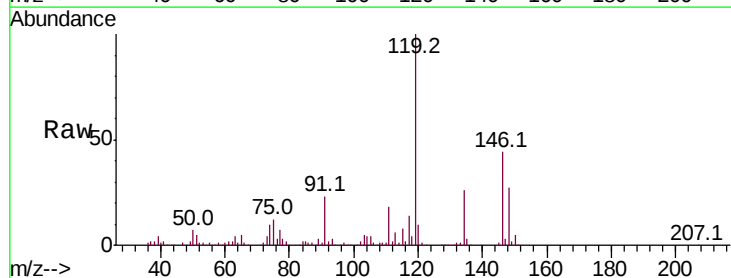
Tgt Ion:119 Resp: 246592

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

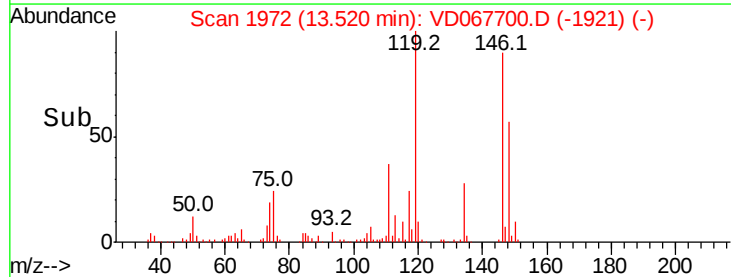
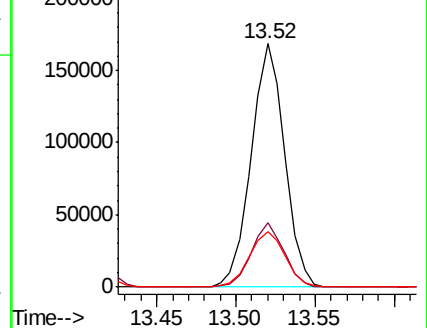
91 24.5 12.2 36.4

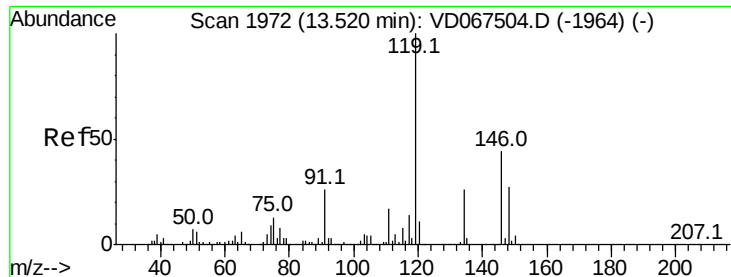


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

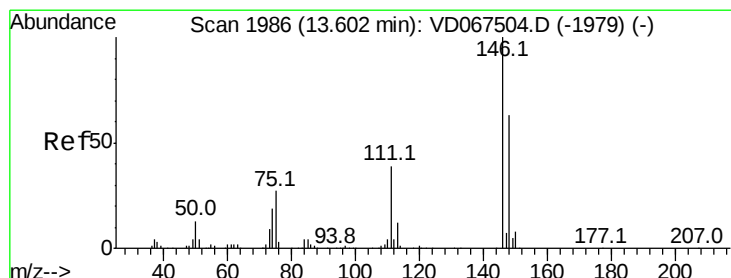
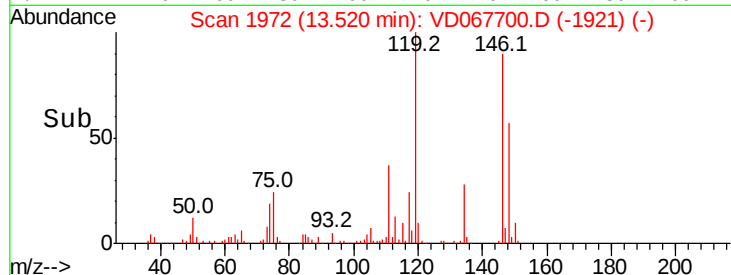
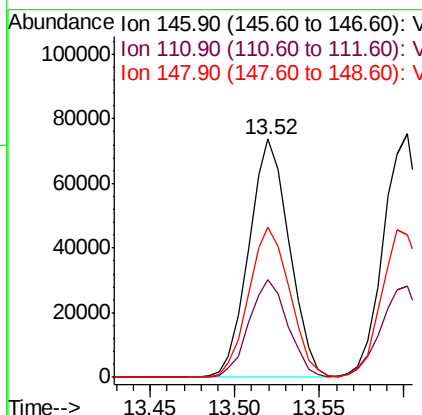
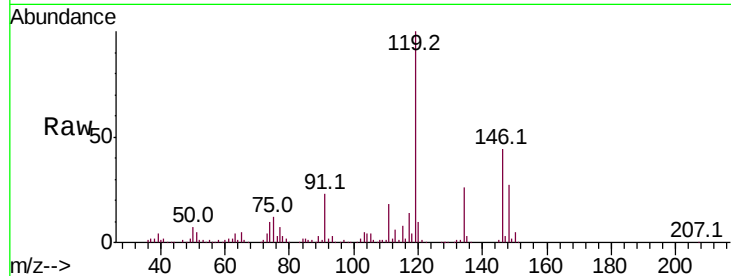




#87
 1,3-Dichlorobenzene
 Concen: 22.164 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

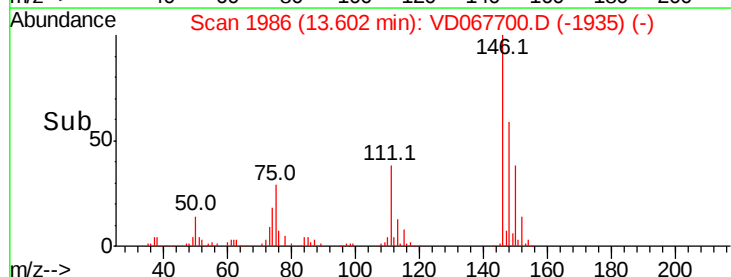
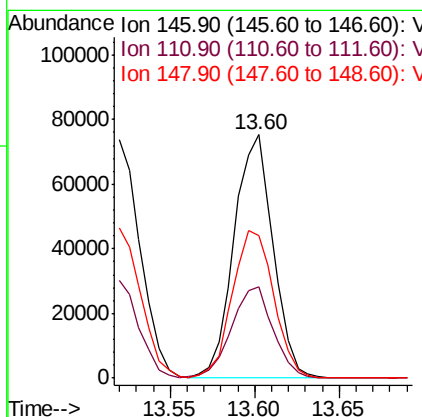
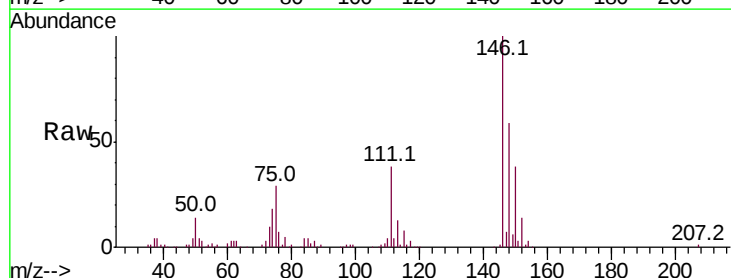
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

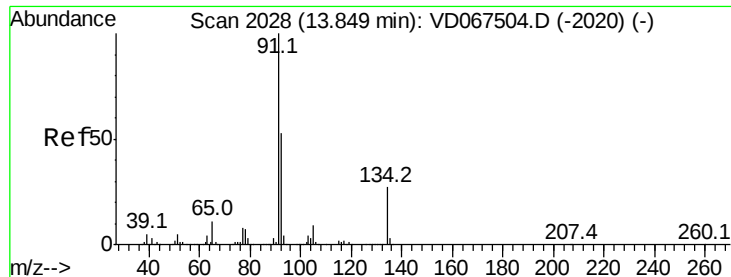
Tot Ion:146 Resp: 122372
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.8
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 21.669 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion:146 Resp: 121146
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.6 58.7
 148 64.7 31.8 95.4

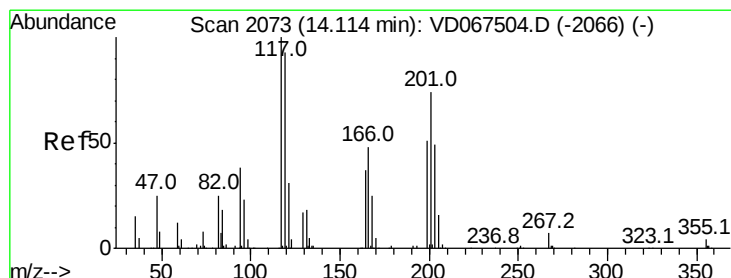
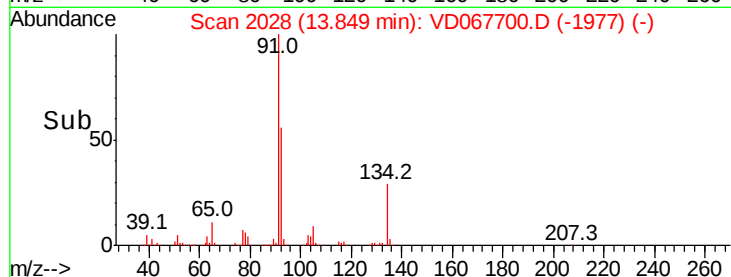
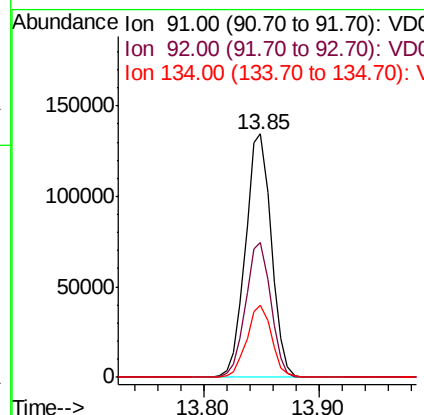
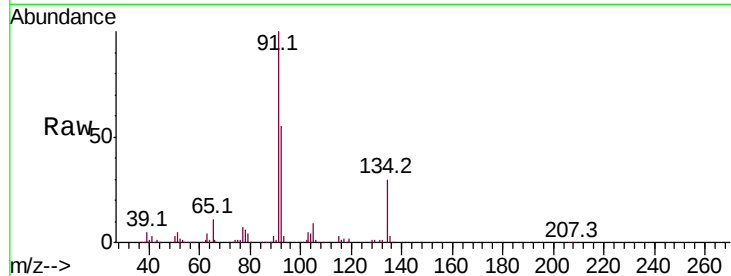




#89
n-Butylbenzene
Concen: 21.695 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

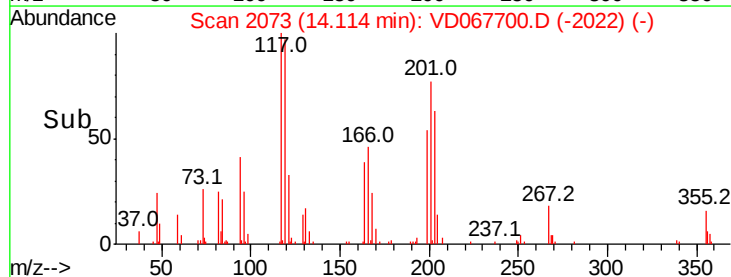
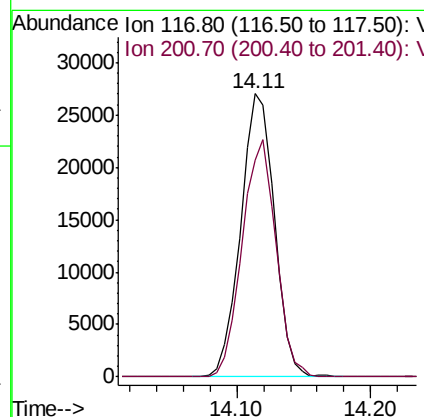
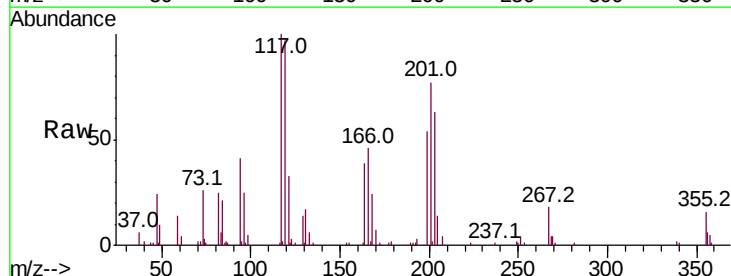
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

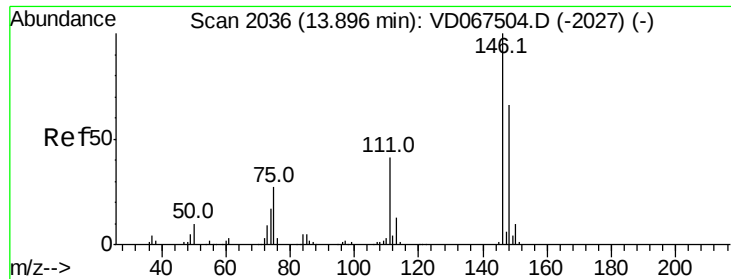
Tot Ion: 91 Resp: 208382
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 28.7 14.1 42.2



#90
Hexachloroethane
Concen: 22.454 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion: 117 Resp: 47020
Ion Ratio Lower Upper
117 100
201 83.9 40.7 122.1





#91

1,2-Dichlorobenzene

Concen: 22.360 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBS01

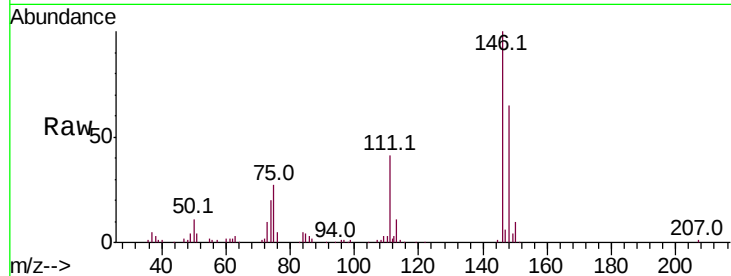
Tot Ion:146 Resp: 106847

Ion Ratio Lower Upper

146 100

111 39.7 20.7 62.1

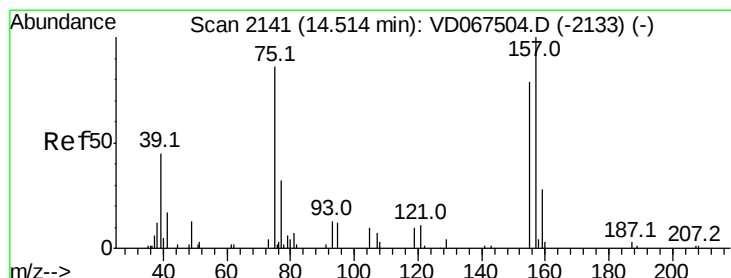
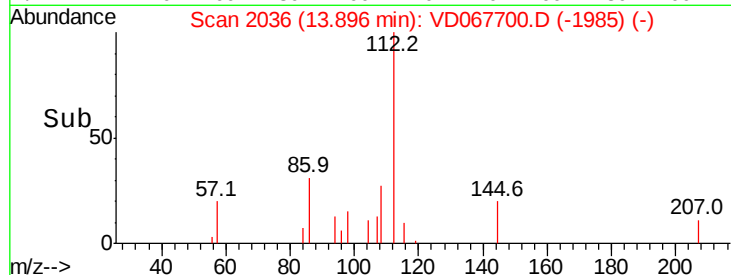
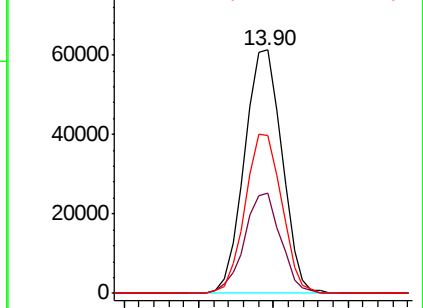
148 63.8 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.539 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067700.D

Acq: 19 Nov 2020 11:33

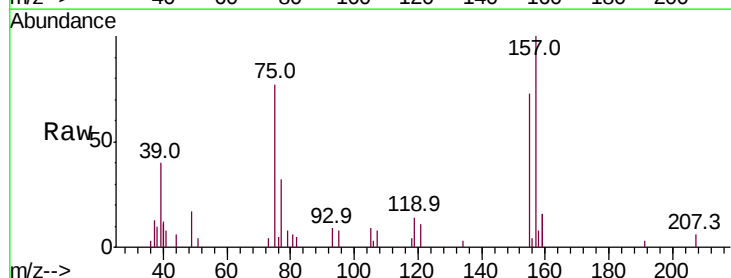
Tgt Ion: 75 Resp: 6127

Ion Ratio Lower Upper

75 100

155 92.9 46.6 139.8

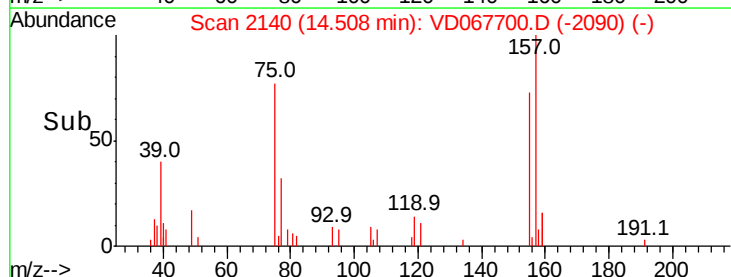
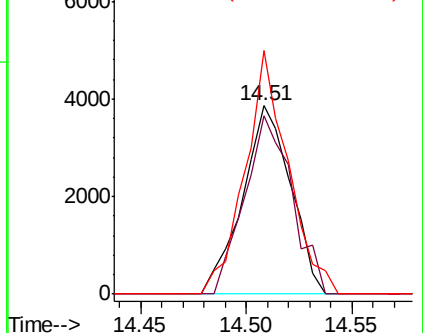
157 115.0 58.1 174.2

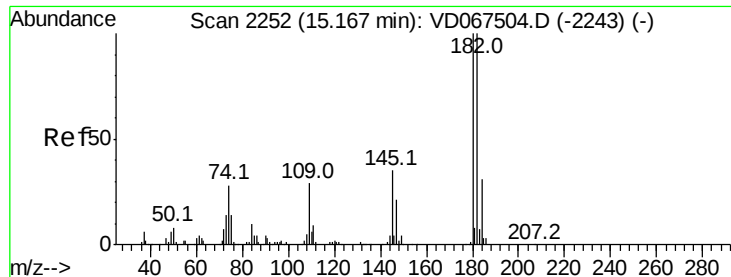


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

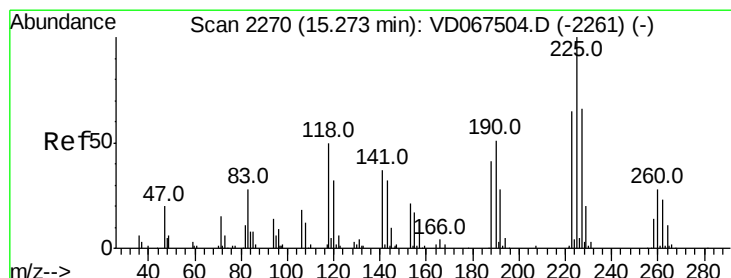
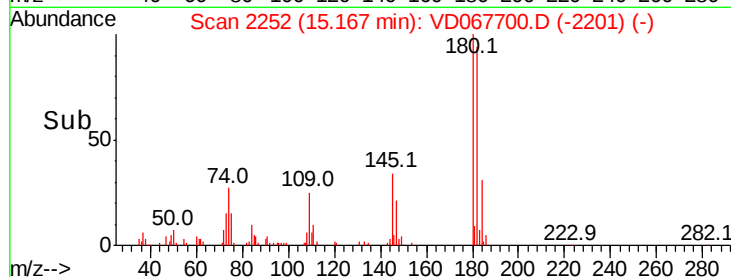
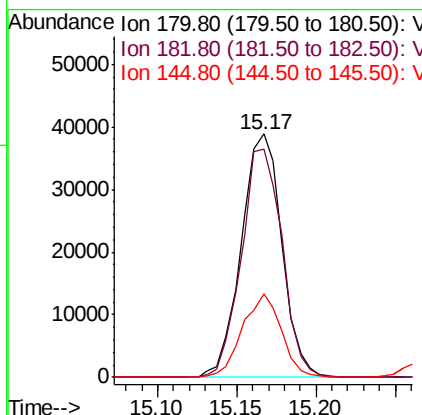
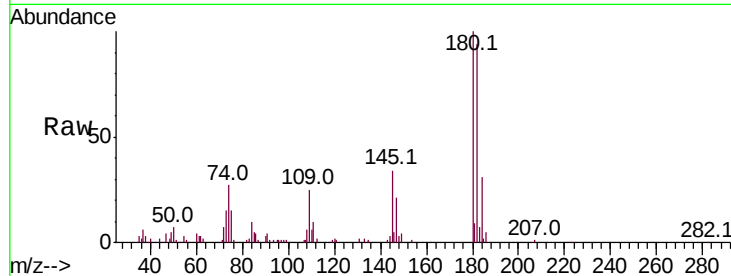




#93
 1,2,4-Trichlorobenzene
 Concen: 21.315 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

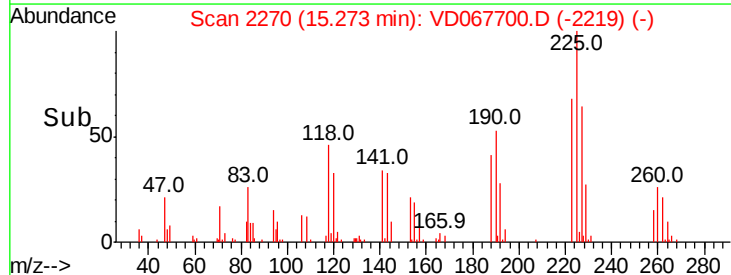
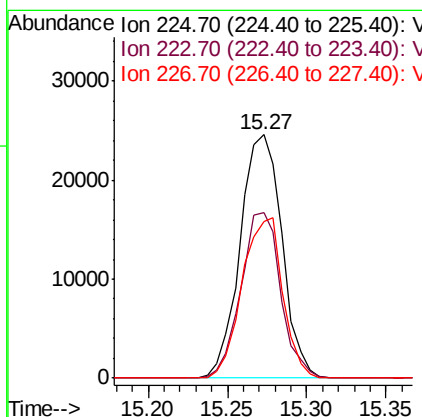
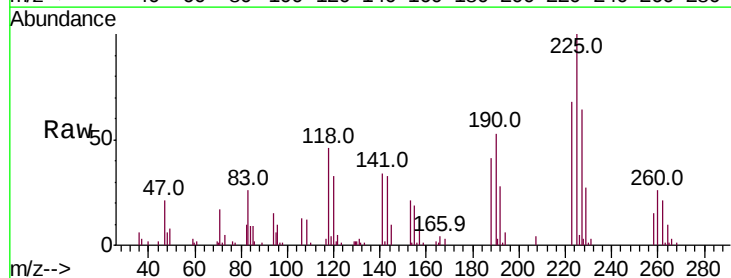
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

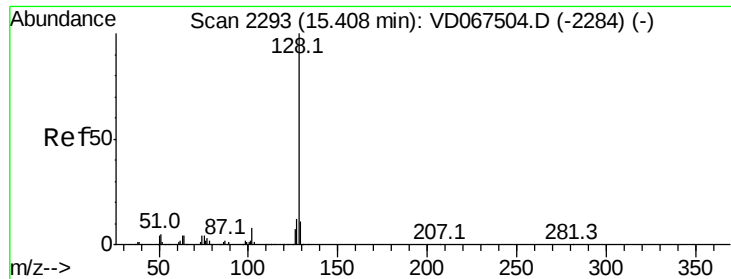
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.3
145	32.8	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 20.764 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067700.D
 Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.9	95.5
227	63.8	32.5	97.4

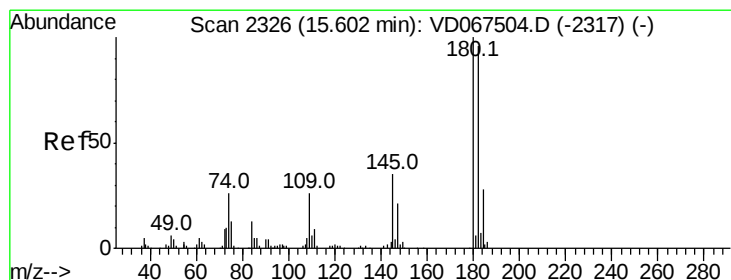
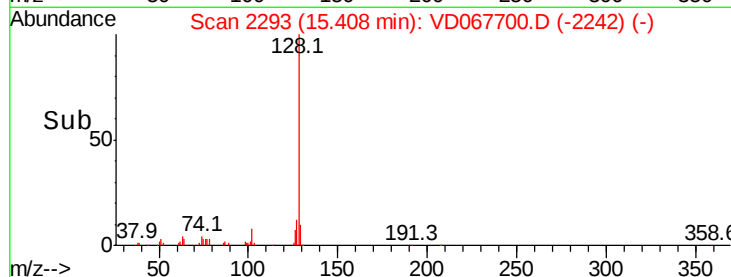
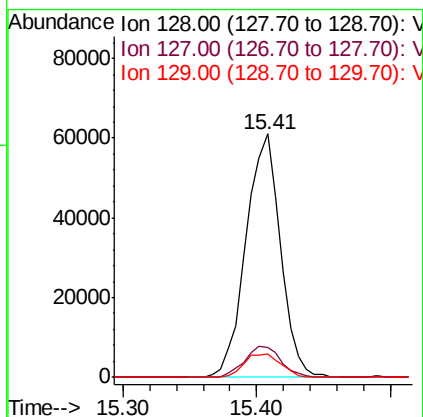
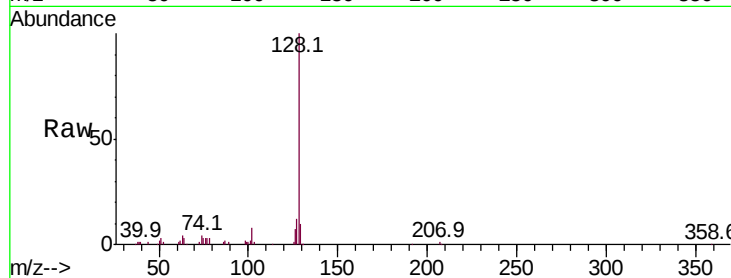




#95
Naphthalene
Concen: 21.744 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.4	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.178 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD067700.D
Acq: 19 Nov 2020 11:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.9	140.8
145	34.1	17.1	51.2

