

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067535.D
 Acq On : 05 Nov 2020 10:58
 Operator : VA/SY
 Sample : VD1105SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 06 00:14:30 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	318484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	474450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	218459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	129543	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	7.92	113	134322	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	10.34	98	474923	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.64	95	164689	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64364	22.461	ug/l	95
3) Chloromethane	2.21	50	42766	21.563	ug/l	96
4) Vinyl Chloride	2.35	62	44937	20.323	ug/l	99
5) Bromomethane	2.76	94	34343	19.163	ug/l	92
6) Chloroethane	2.92	64	27974	20.521	ug/l	95
7) Trichlorofluoromethane	3.27	101	119705	20.908	ug/l	94
8) Diethyl Ether	3.70	74	23720	20.561	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	60351	20.883	ug/l	97
10) Methyl Iodide	4.30	142	56298	18.176	ug/l	98
11) Tert butyl alcohol	5.21	59	17514	136.794	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	56792	21.365	ug/l	85
13) Acrolein	3.92	56	6127	72.301	ug/l	92
14) Allyl chloride	4.72	41	57458	20.196	ug/l	99
15) Acrylonitrile	5.42	53	43247	101.413	ug/l	97
16) Acetone	4.16	43	36609	87.848	ug/l	99
17) Carbon Disulfide	4.41	76	168451	20.680	ug/l	96
18) Methyl Acetate	4.71	43	16175	18.783	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	105944	20.205	ug/l	100
20) Methylene Chloride	4.97	84	63237	21.482	ug/l #	96
21) trans-1,2-Dichloroethene	5.48	96	62800	20.283	ug/l	92
22) Diisopropyl ether	6.37	45	118620	21.396	ug/l	96
23) Vinyl Acetate	6.30	43	298162	102.742	ug/l	97
24) 1,1-Dichloroethane	6.26	63	94679	20.875	ug/l	96
25) 2-Butanone	7.21	43	46177	103.702	ug/l	95
26) 2,2-Dichloropropane	7.21	77	102289	21.369	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	66022	20.544	ug/l	95
28) Bromochloromethane	7.54	49	33059	20.491	ug/l	100
29) Tetrahydrofuran	7.56	42	29162	109.332	ug/l	97
30) Chloroform	7.71	83	115146	21.280	ug/l	99
31) Cyclohexane	7.98	56	83011	20.552	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	118675	21.257	ug/l	98
36) 1,1-Dichloropropene	8.11	75	86436	21.283	ug/l	98
37) Ethyl Acetate	7.30	43	21980	20.847	ug/l	98
38) Carbon Tetrachloride	8.10	117	111306	21.094	ug/l	96

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Quant Time: Nov 06 00:14:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	98461	20.599	ug/l	95
40) Benzene	8.35	78	235442	21.402	ug/l	99
41) Methacrylonitrile	7.56	41	31351	49.744	ug/l #	23
42) 1,2-Dichloroethane	8.43	62	72874	21.440	ug/l	100
43) Isopropyl Acetate	8.45	43	43123	20.680	ug/l	97
44) Trichloroethene	9.11	130	74555	20.611	ug/l	94
45) 1,2-Dichloropropane	9.38	63	51187	21.521	ug/l	90
46) Dibromomethane	9.48	93	31024	20.515	ug/l	98
47) Bromodichloromethane	9.67	83	85777	20.868	ug/l	89
48) Methyl methacrylate	9.46	41	19581	18.187	ug/l	86
49) 1,4-Dioxane	9.46	88	7021	457.324	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	104564	104.851	ug/l	100
52) Toluene	10.41	92	160693	21.809	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	73235	20.803	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	86509	20.683	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	41487	20.734	ug/l	97
56) Ethyl methacrylate	10.67	69	42862	20.743	ug/l	95
57) 1,3-Dichloropropane	10.95	76	69492	21.582	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	98049	101.754	ug/l	100
59) 2-Hexanone	10.98	43	71971	103.216	ug/l	98
60) Dibromochloromethane	11.14	129	62290	21.044	ug/l	100
61) 1,2-Dibromoethane	11.25	107	40468	20.151	ug/l	94
64) Tetrachloroethene	10.88	164	66929	21.075	ug/l	93
65) Chlorobenzene	11.67	112	173311	20.982	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	70577	21.679	ug/l	99
67) Ethyl Benzene	11.75	91	295994	20.941	ug/l	98
68) m/p-Xylenes	11.86	106	241872	43.985	ug/l	96
69) o-Xylene	12.18	106	103610	21.103	ug/l	99
70) Styrene	12.20	104	185258	21.655	ug/l	98
71) Bromoform	12.37	173	36475	21.968	ug/l #	98
73) Isopropylbenzene	12.48	105	292217	20.697	ug/l	100
74) N-amyl acetate	12.29	43	36993	19.912	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	39929	20.740	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	57337	43.507	ug/l #	100
77) Bromobenzene	12.77	156	69608	20.075	ug/l	95
78) n-propylbenzene	12.83	91	343870	21.293	ug/l	99
79) 2-Chlorotoluene	12.91	91	194395	21.191	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	255610	21.193	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	12978	19.993	ug/l	98
82) 4-Chlorotoluene	13.01	91	209669	21.311	ug/l	100
83) tert-Butylbenzene	13.23	119	224633	21.976	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	260988	21.739	ug/l	99
85) sec-Butylbenzene	13.40	105	294788	21.363	ug/l	99
86) p-Isopropyltoluene	13.52	119	278120	20.872	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	142591	21.552	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	139622	20.841	ug/l	97
89) n-Butylbenzene	13.84	91	243269	21.136	ug/l	99
90) Hexachloroethane	14.11	117	51527	20.534	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	118569	20.707	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7387	21.671	ug/l	98

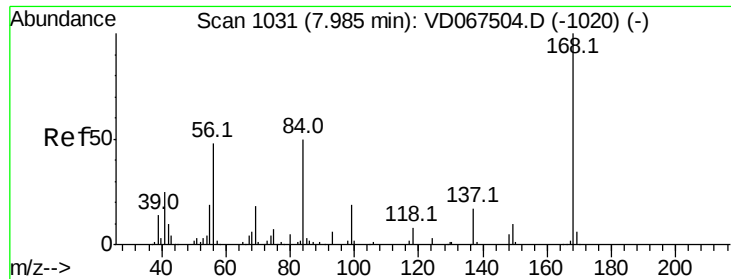
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110520\
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	79554	20.470	ug/l	98
94) Hexachlorobutadiene	15.27	225	53783	20.677	ug/l	98
95) Naphthalene	15.40	128	119967	20.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	67913	20.406	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

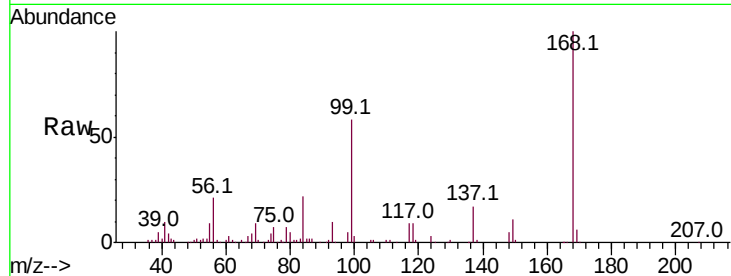
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 318484

Ion Ratio Lower Upper

168 100

99 57.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

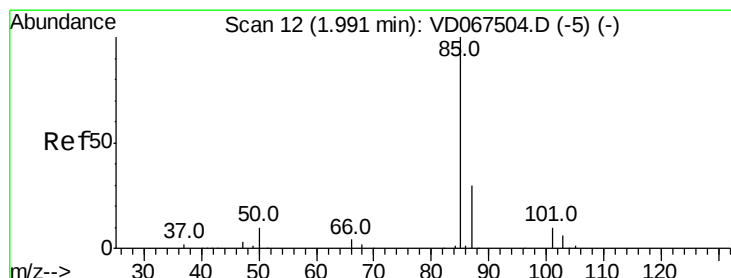
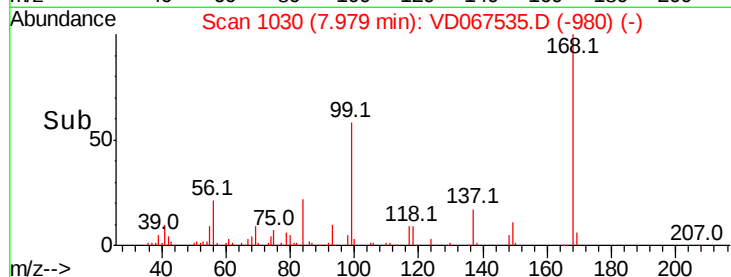
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.461 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067535.D

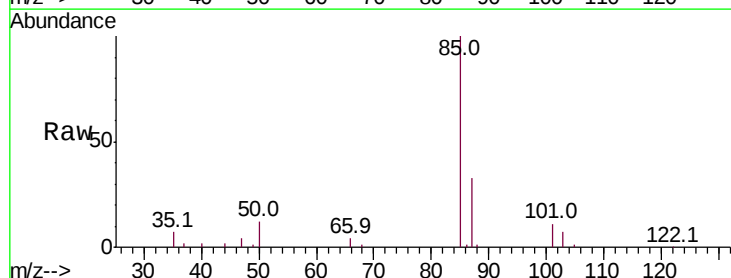
Acq: 05 Nov 2020 10:58

Tgt Ion: 85 Resp: 64364

Ion Ratio Lower Upper

85 100

87 33.1 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

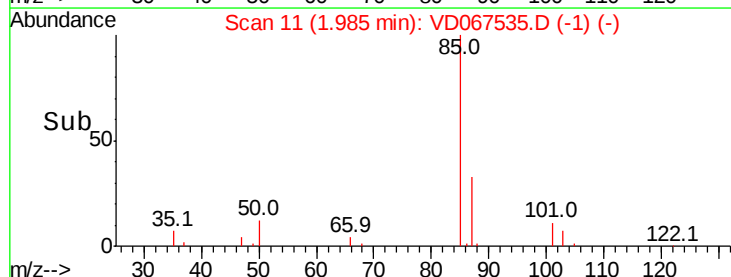
20000

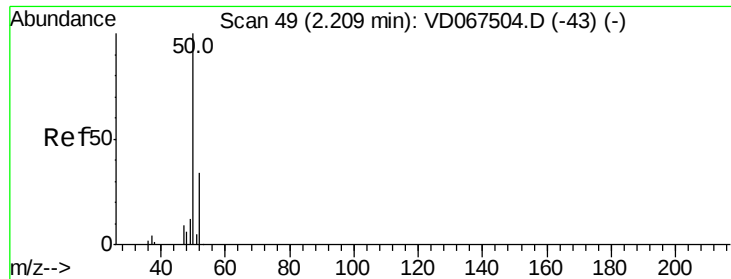
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.563 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

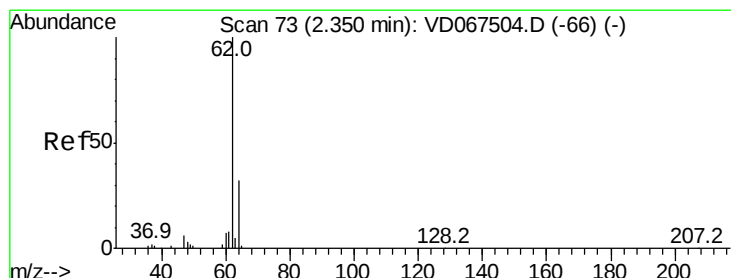
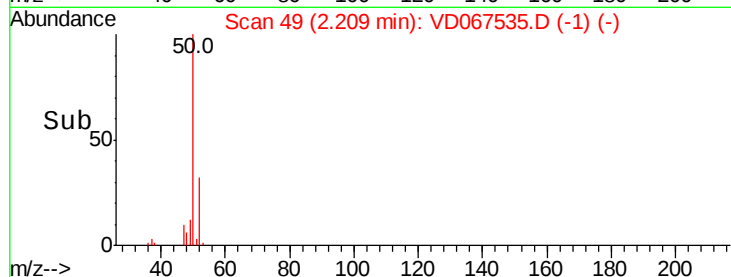
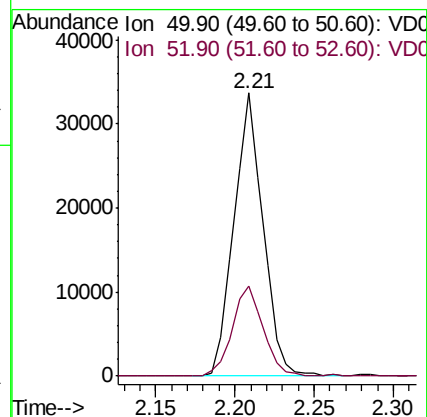
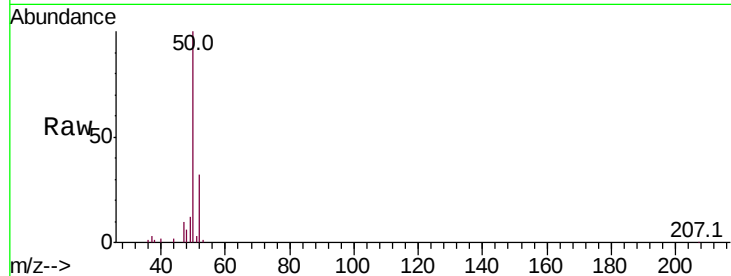
ClientSampleId :

Tot Ion: 50 Resp: 42766

Ion Ratio Lower Upper

50 100

52 31.6 27.3 40.9



#4

Vinyl Chloride

Concen: 20.323 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067535.D

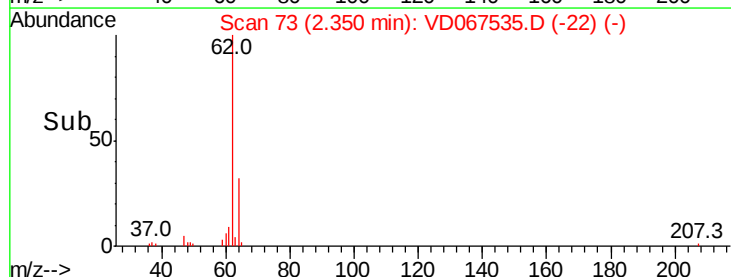
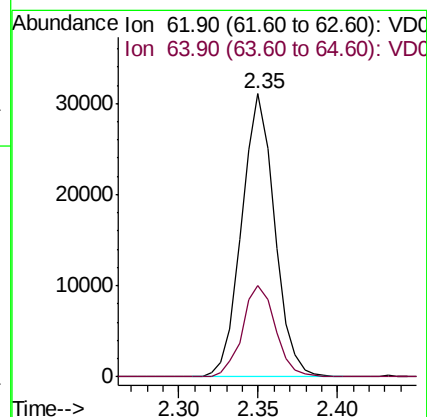
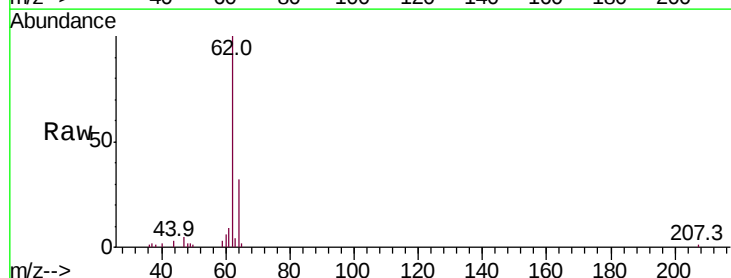
Acq: 05 Nov 2020 10:58

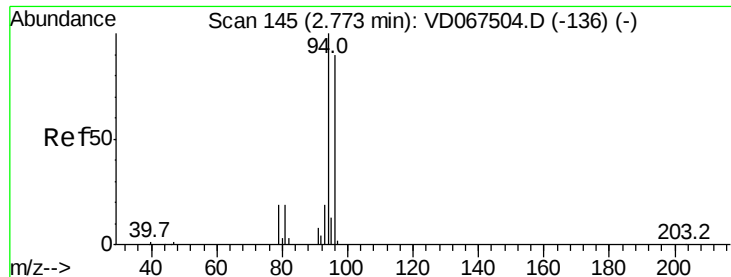
Tgt Ion: 62 Resp: 44937

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 19.163 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

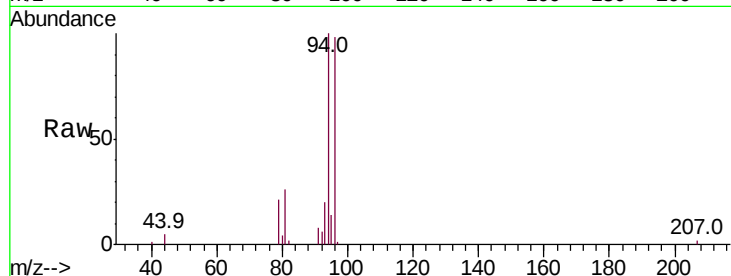
ClientSampleId :

Tot Ion: 94 Resp: 34343

Ion Ratio Lower Upper

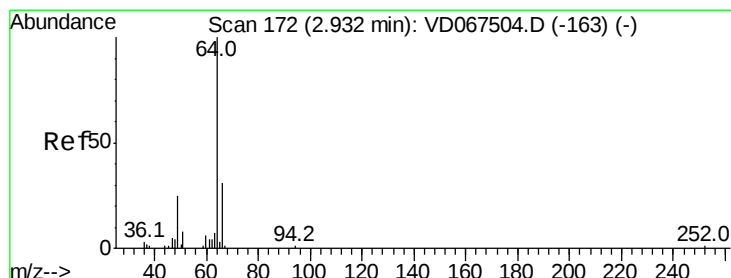
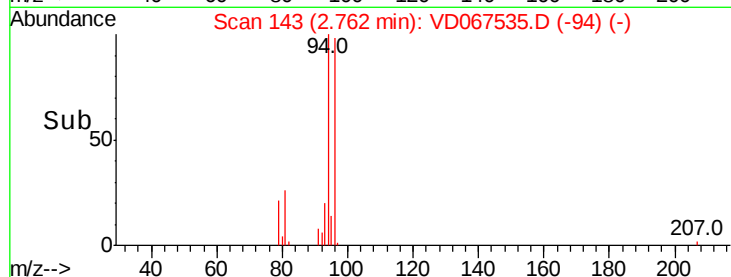
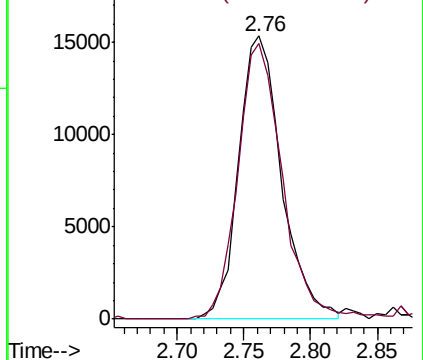
94 100

96 97.6 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.521 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067535.D

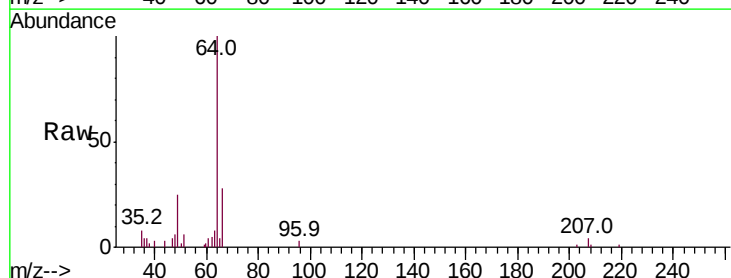
Acq: 05 Nov 2020 10:58

Tgt Ion: 64 Resp: 27974

Ion Ratio Lower Upper

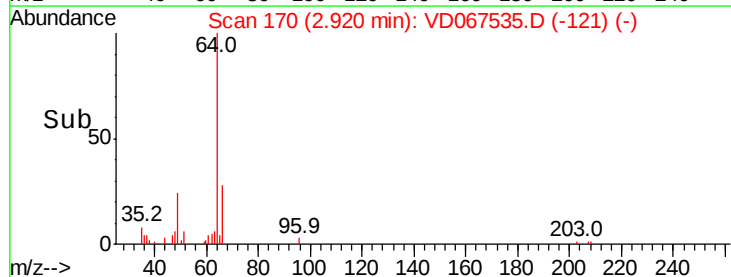
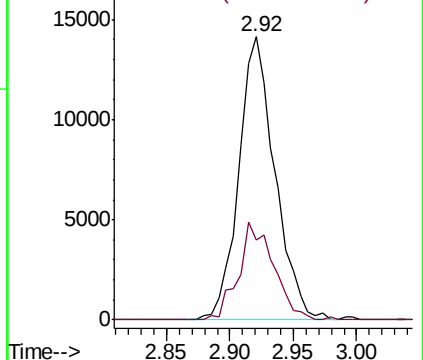
64 100

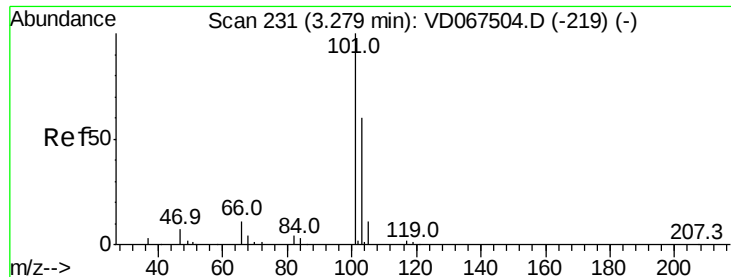
66 28.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



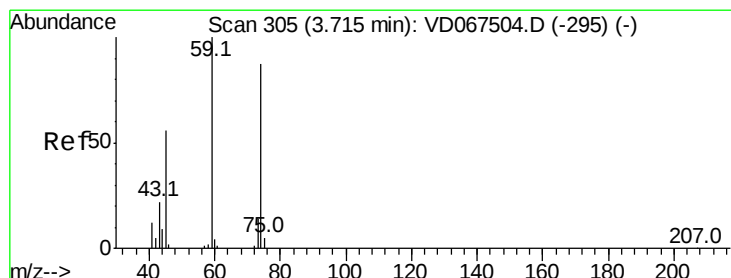
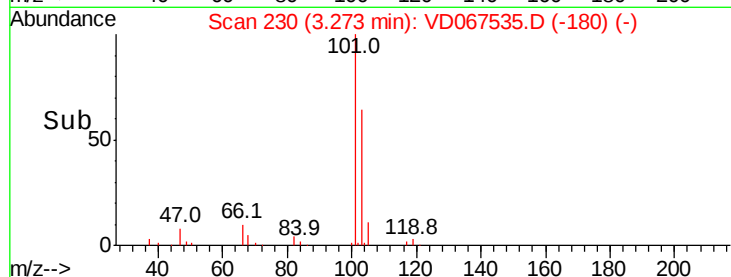
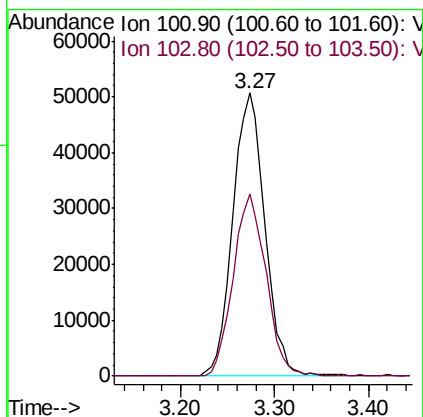
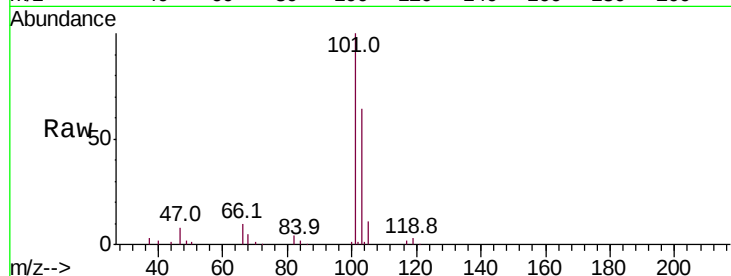


#7

Trichlorofluoromethane
 Concen: 20.908 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampled :

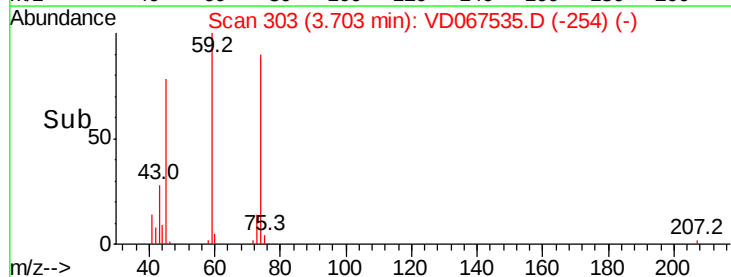
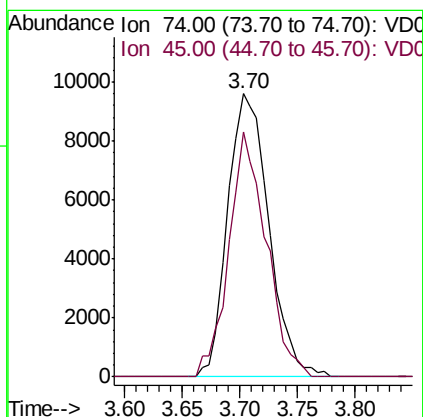
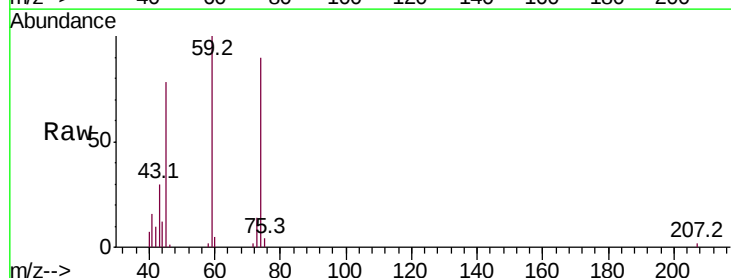
Tot Ion:101 Resp: 119705
 Ion Ratio Lower Upper
 101 100
 103 64.3 48.1 72.1

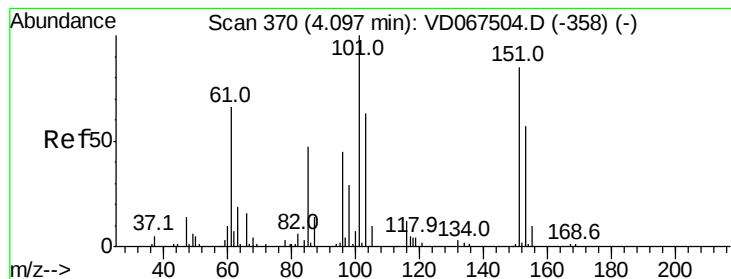


#8

Diethyl Ether
 Concen: 20.561 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion: 74 Resp: 23720
 Ion Ratio Lower Upper
 74 100
 45 78.8 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.883 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

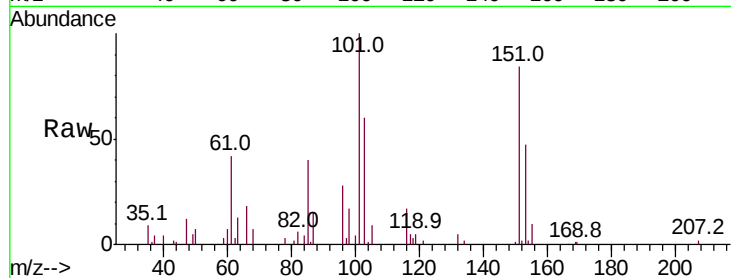
Tot Ion:101 Resp: 60351

Ion Ratio Lower Upper

101 100

85 43.6 34.4 51.6

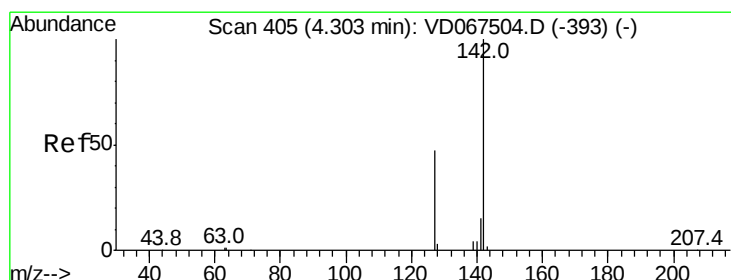
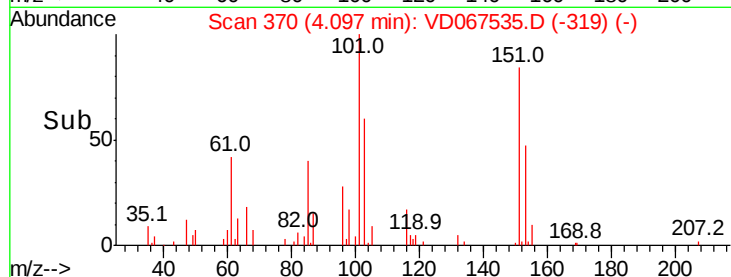
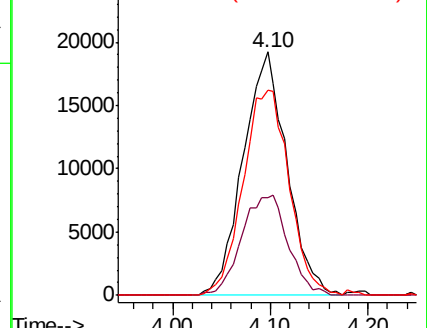
151 88.3 68.1 102.1



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: 18.176 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

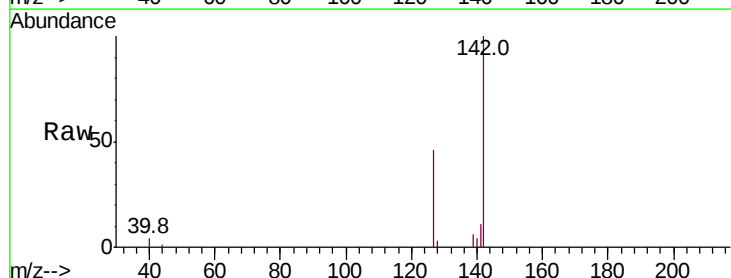
Tgt Ion:142 Resp: 56298

Ion Ratio Lower Upper

142 100

127 49.3 40.0 60.0

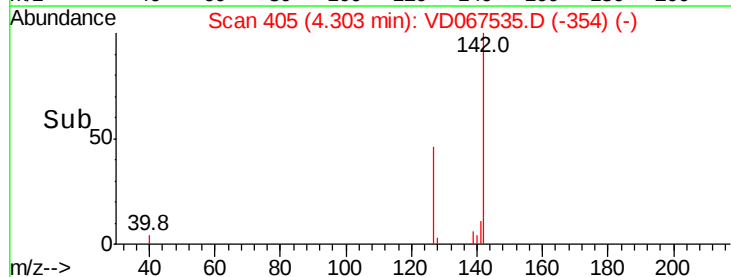
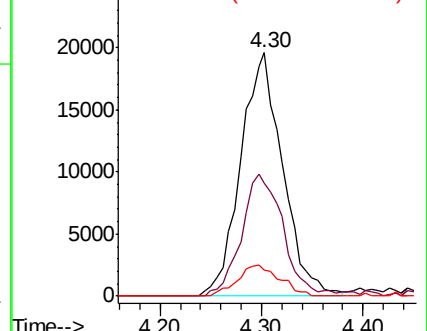
141 12.9 11.7 17.5

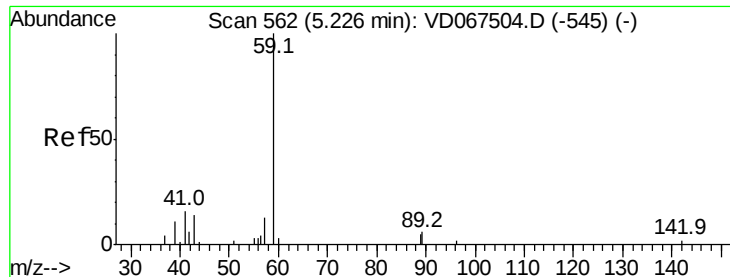


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



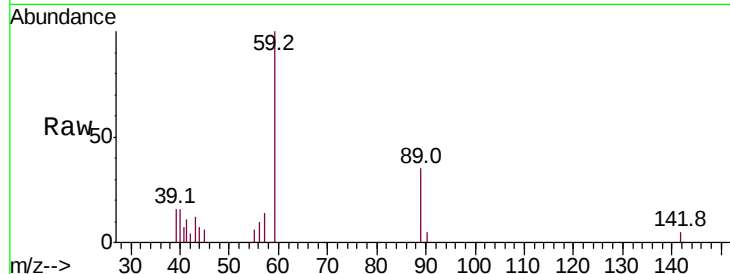


#11

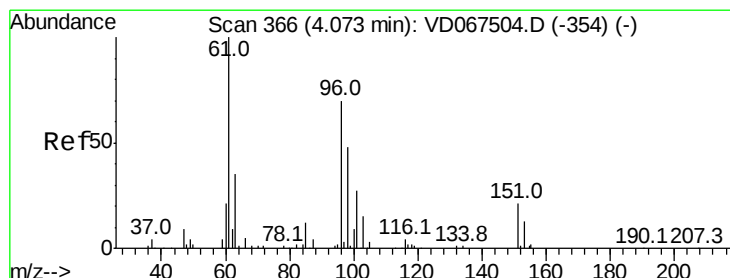
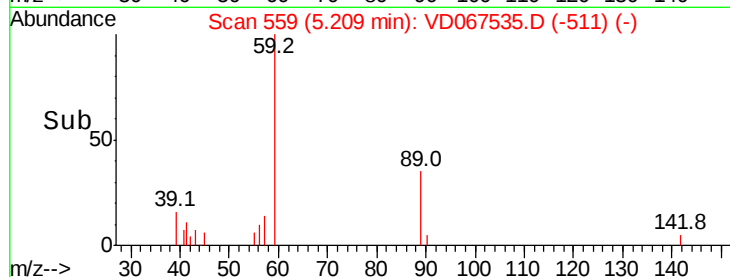
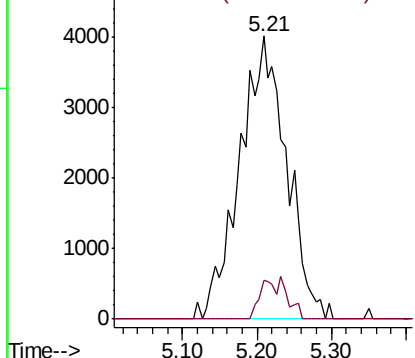
Tert butyl alcohol
Concen: 136.794 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 59 Resp: 17514
Ion Ratio Lower Upper
59 100
57 4.9 5.9 8.9#



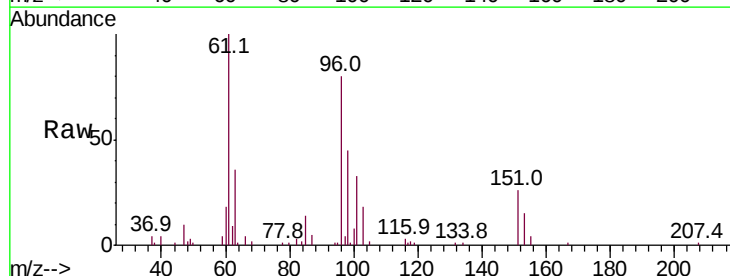
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



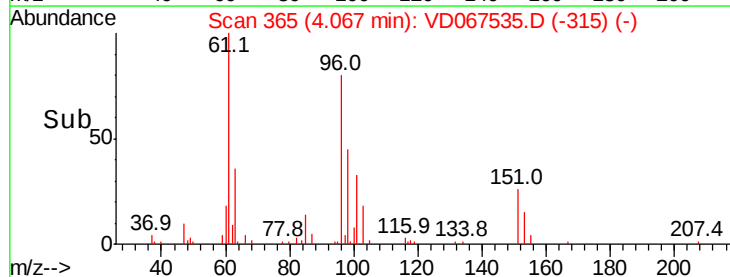
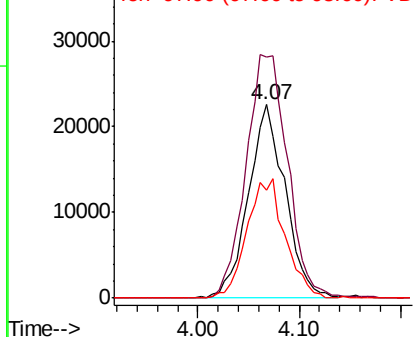
#12

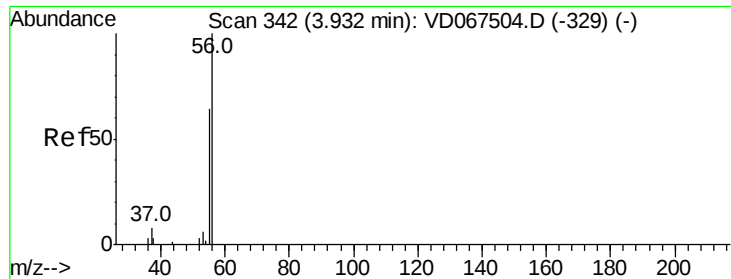
1,1-Dichloroethene
Concen: 21.365 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion: 96 Resp: 56792
Ion Ratio Lower Upper
96 100
61 124.9 114.5 171.7
98 55.8 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





#13

Acrolein

Concen: 72.301 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

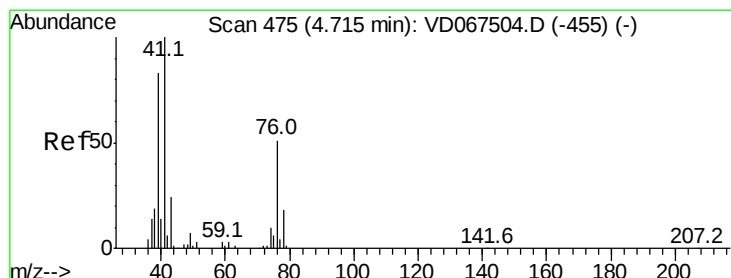
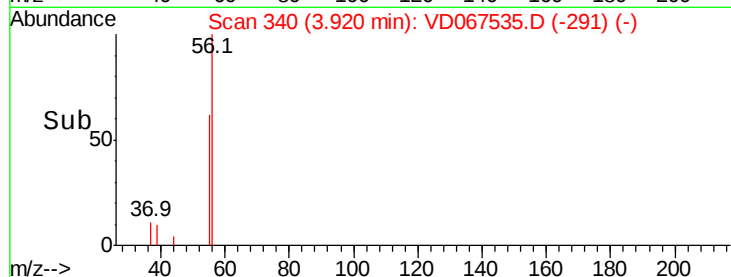
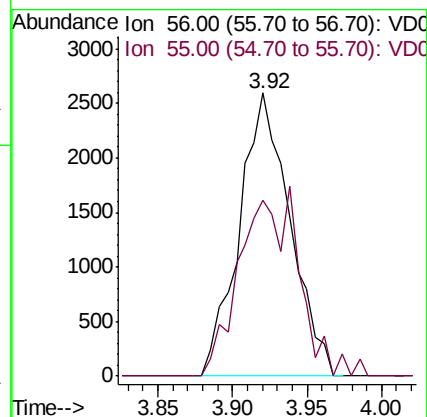
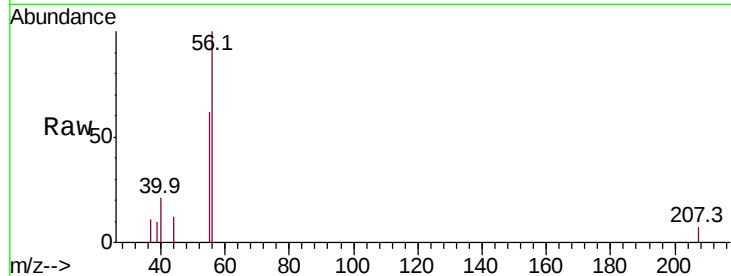
ClientSampleId :

Tot Ion: 56 Resp: 6127

Ion Ratio Lower Upper

56 100

55 76.3 55.8 83.8



#14

Allyl chloride

Concen: 20.196 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

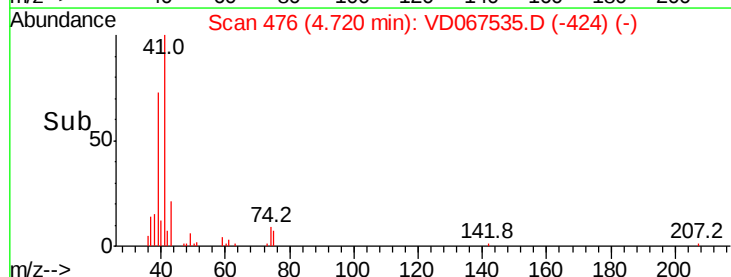
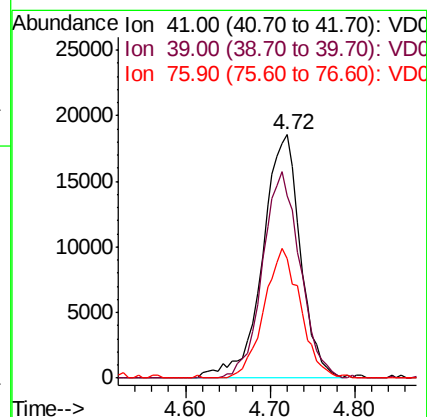
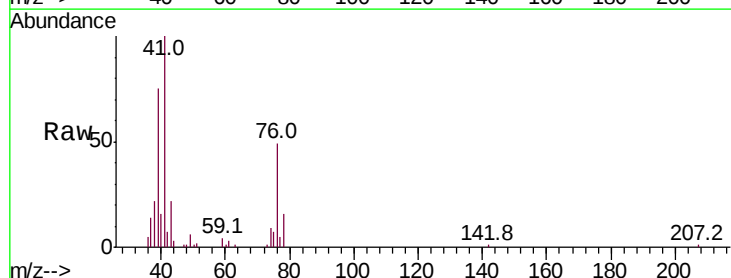
Tgt Ion: 41 Resp: 57458

Ion Ratio Lower Upper

41 100

39 84.4 67.4 101.0

76 51.7 42.2 63.2





#15

Acrylonitrile

Concen: 101.413 ug/l

RT: 5.42 min Scan# 595

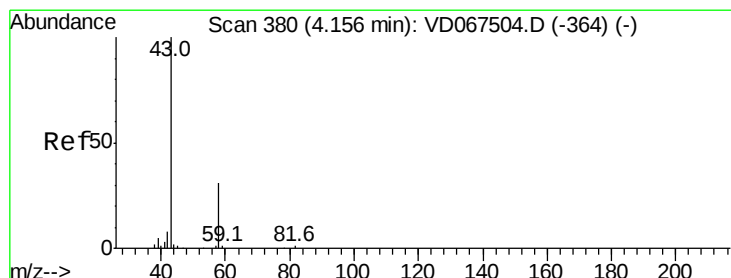
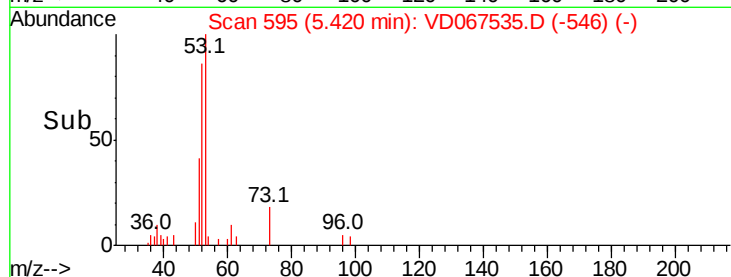
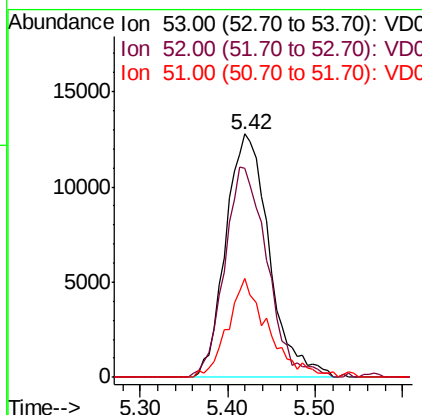
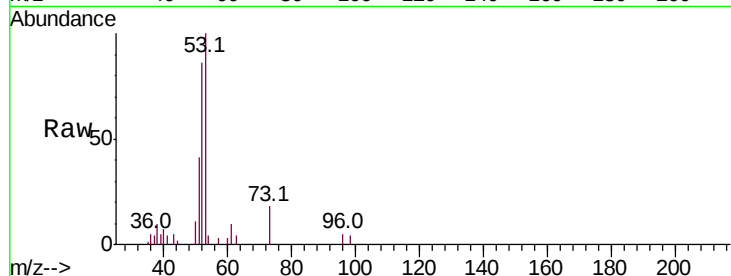
Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	53	Resp:	43247
Ion	Ratio	Lower	Upper
53	100		
52	84.6	64.8	97.2
51	37.9	29.5	44.3



#16

Acetone

Concen: 87.848 ug/l

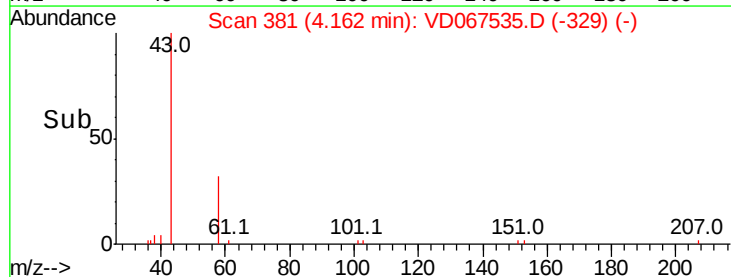
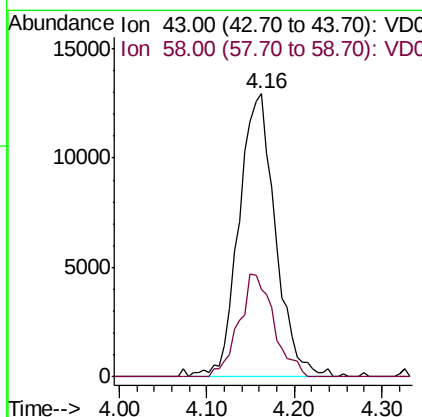
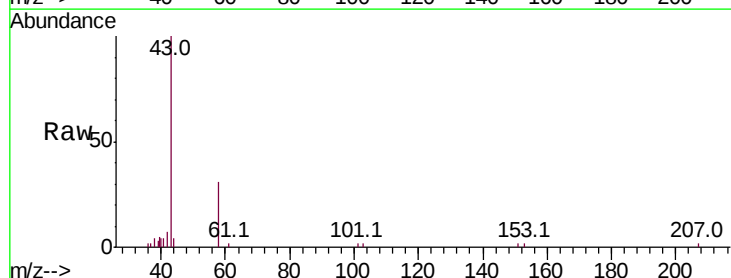
RT: 4.16 min Scan# 381

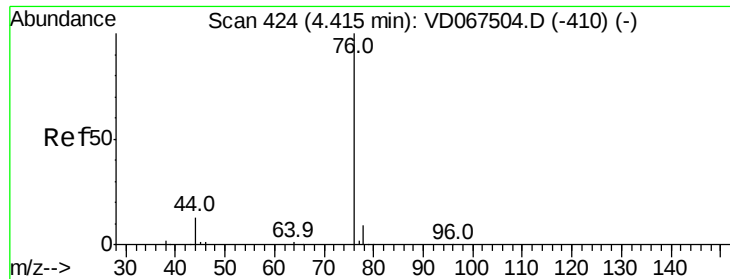
Delta R.T. 0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion:	43	Resp:	36609
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.2	37.8

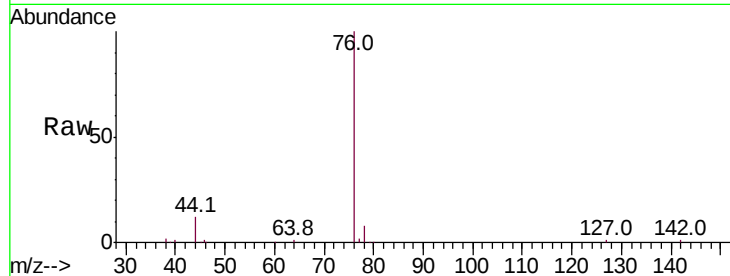




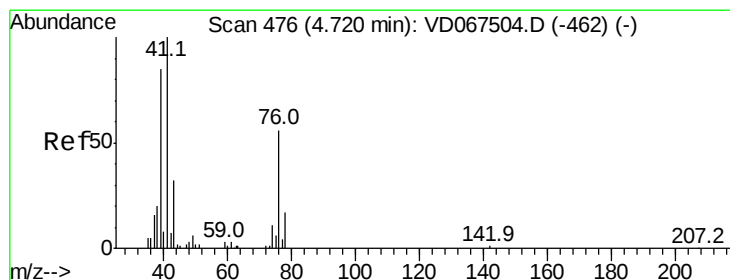
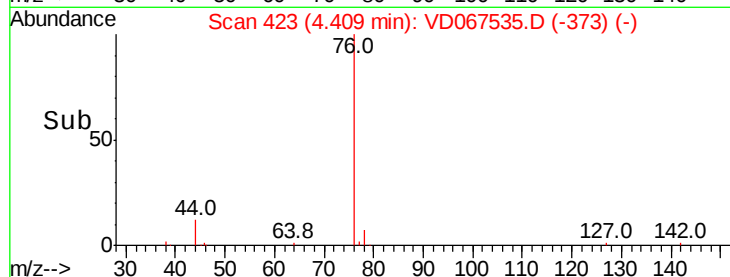
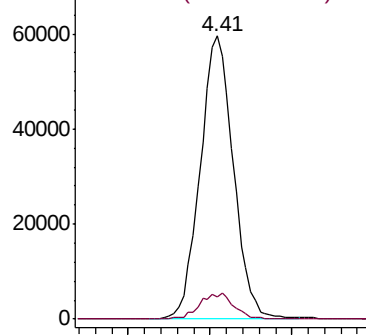
#17
Carbon Disulfide
Concen: 20.680 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 76 Resp: 168451
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

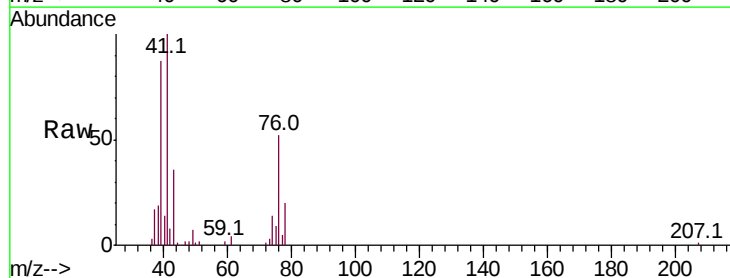


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

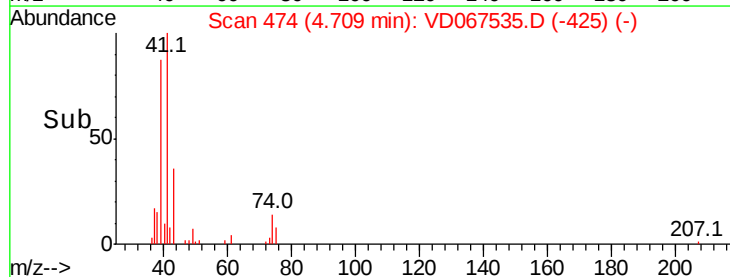
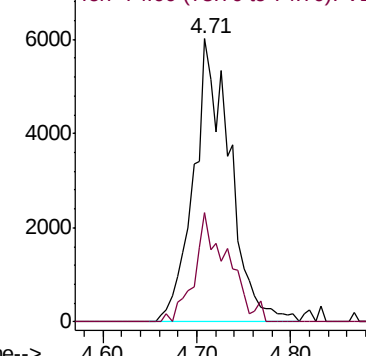


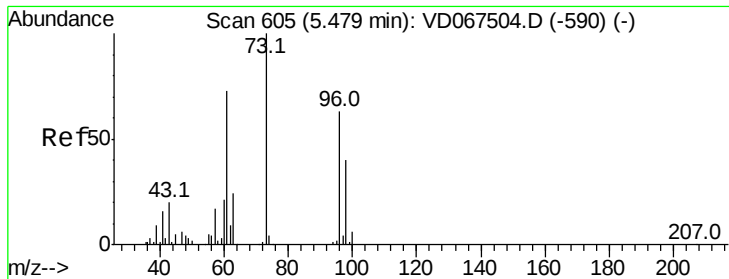
#18
Methyl Acetate
Concen: 18.783 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion: 43 Resp: 16175
Ion Ratio Lower Upper
43 100
74 35.2 27.2 40.8



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

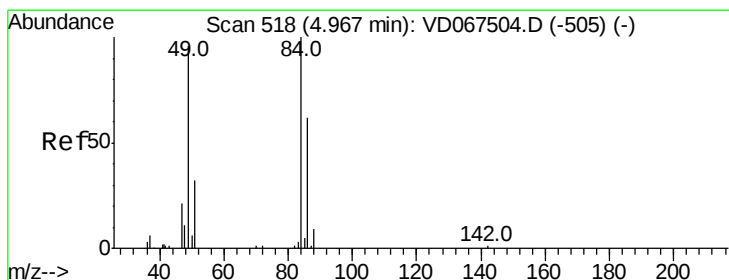
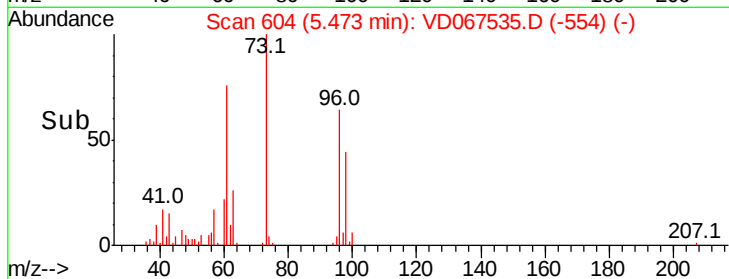
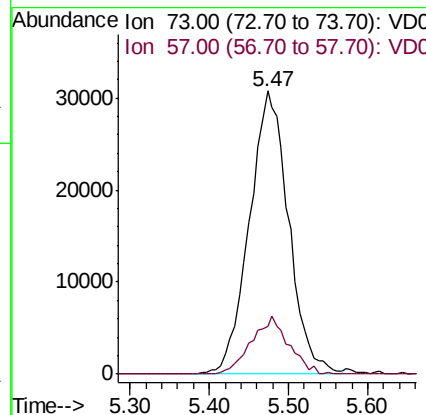
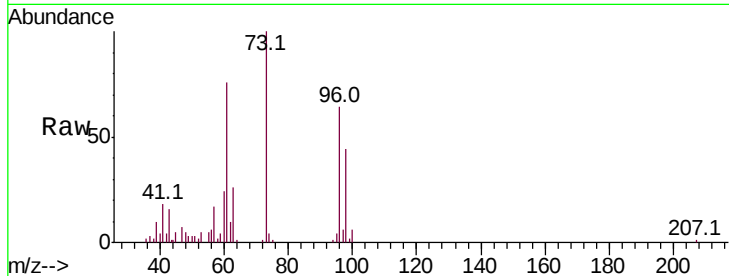




#19
Methvl tert-butvl Ether
Concen: 20.205 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

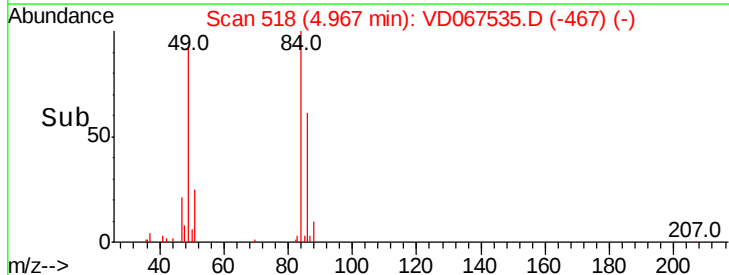
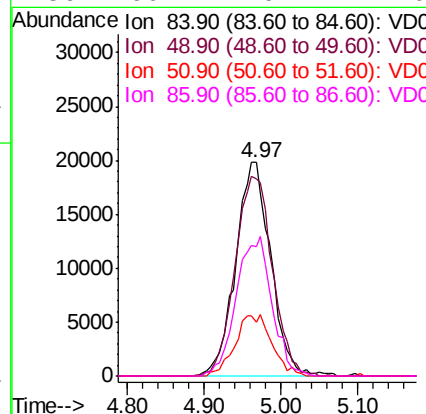
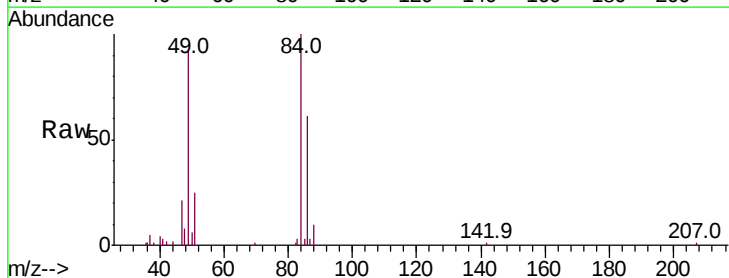
Instrument :
MSVOA_D
ClientSampled :

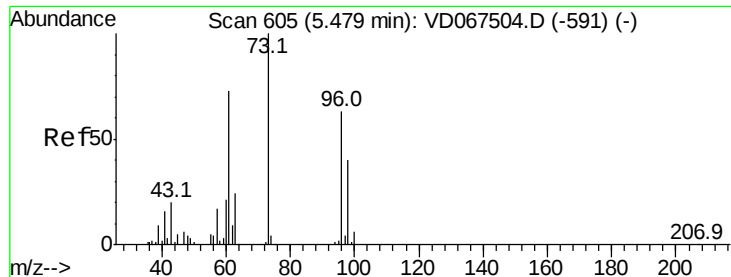
Tot Ion: 73 Resp: 105944
Ion Ratio Lower Upper
73 100
57 16.8 13.4 20.0



#20
Methylene Chloride
Concen: 21.482 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion: 84 Resp: 63237
Ion Ratio Lower Upper
84 100
49 92.3 77.0 115.4
51 25.4 25.4 38.2#
86 60.7 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.283 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

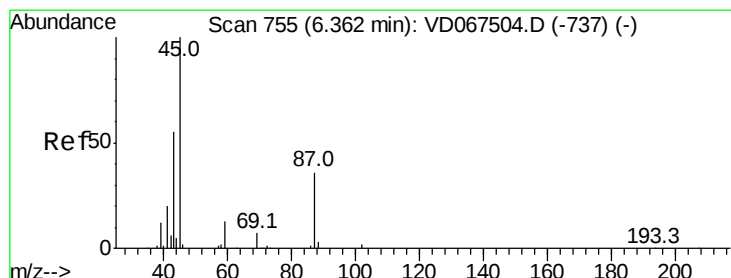
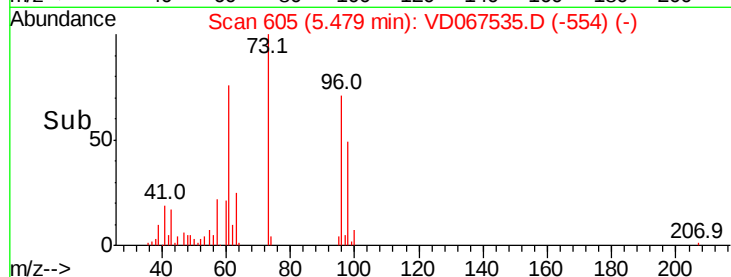
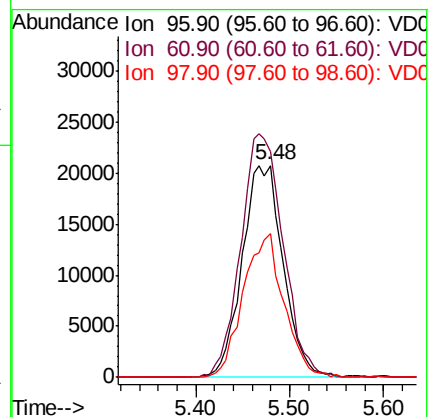
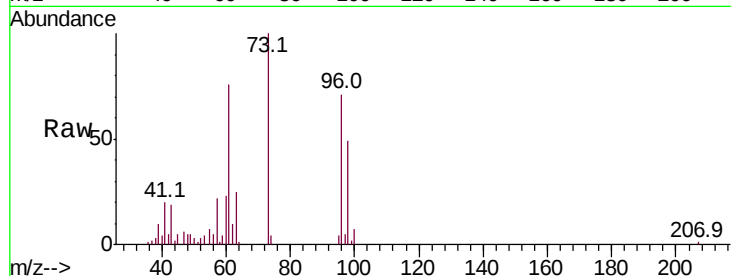
Tot Ion: 96 Resp: 62800

Ion Ratio Lower Upper

96 100

61 106.4 93.0 139.6

98 68.1 50.9 76.3



#22

Diisopropyl ether

Concen: 21.396 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion: 45 Resp: 118620

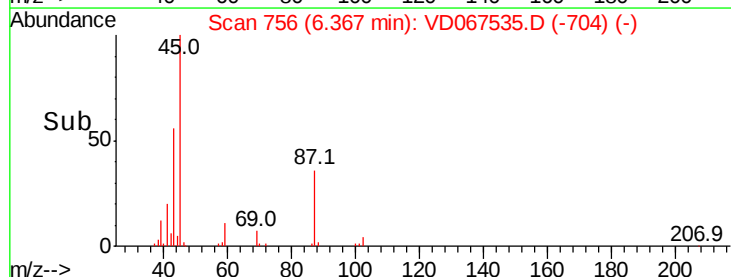
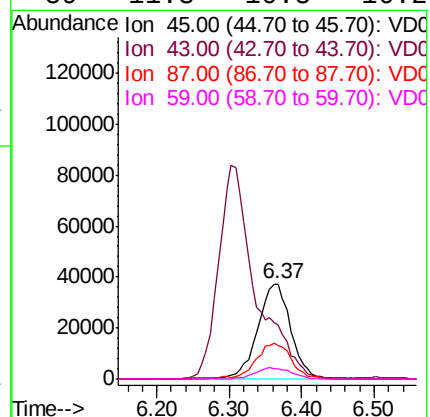
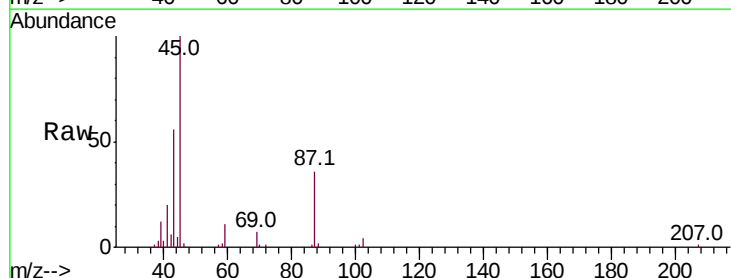
Ion Ratio Lower Upper

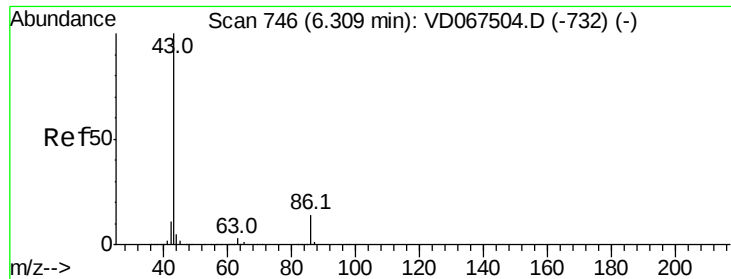
45 100

43 54.8 46.2 69.4

87 35.6 29.4 44.2

59 11.3 10.8 16.2

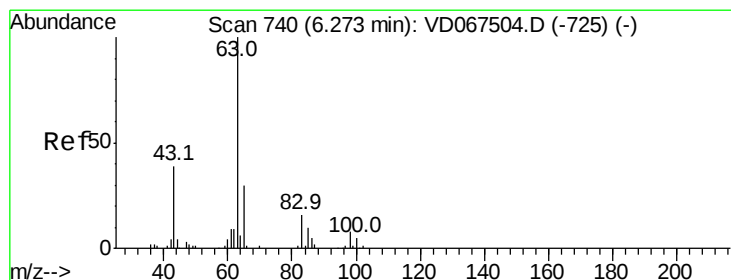
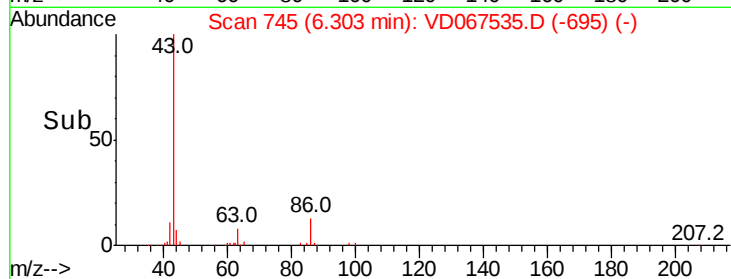
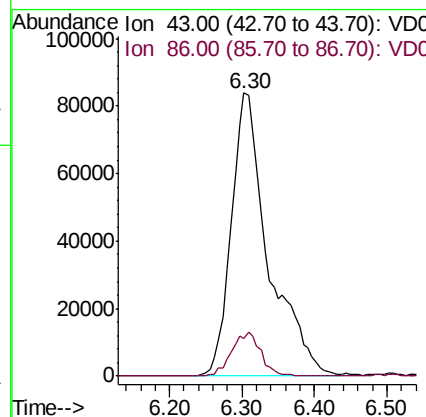
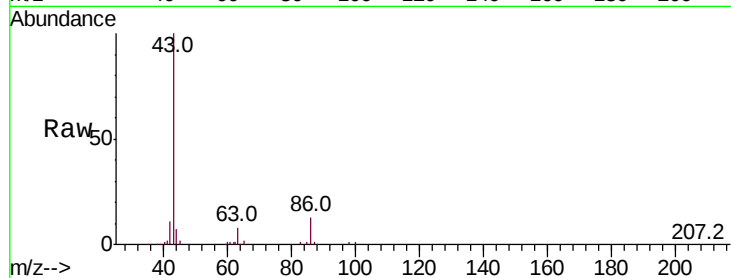




#23
 Vinyl Acetate
 Concen: 102.742 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

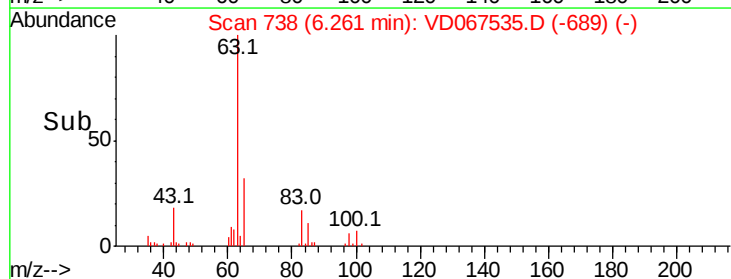
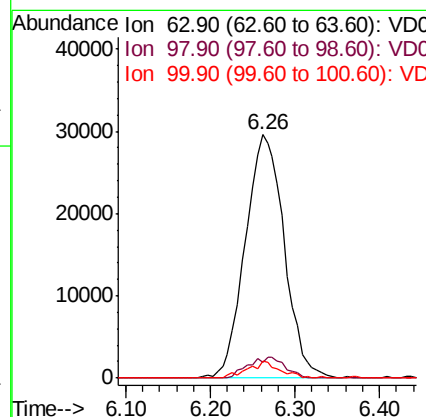
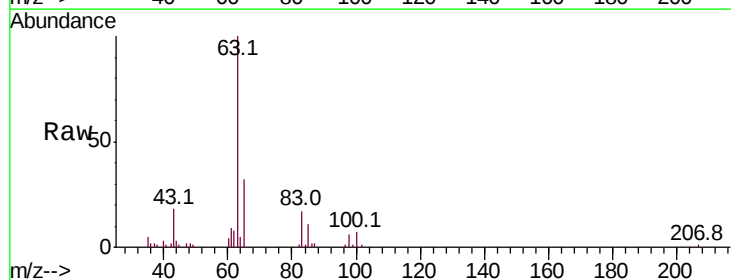
Instrument :
 MSVOA_D
 ClientSampleId :

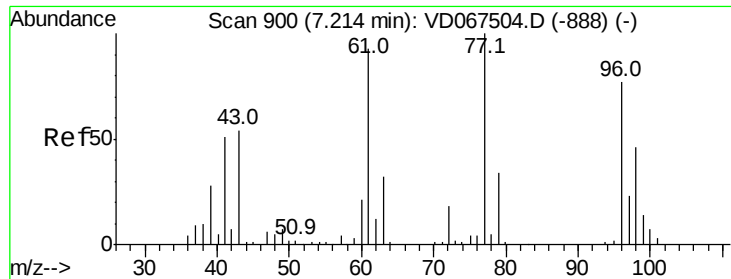
Tot Ion: 43 Resp: 298162
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.6 17.4



#24
 1,1-Dichloroethane
 Concen: 20.875 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion: 63 Resp: 94679
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.5
 100 7.0 2.6 7.8





#25

2-Butanone

Concen: 103.702 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

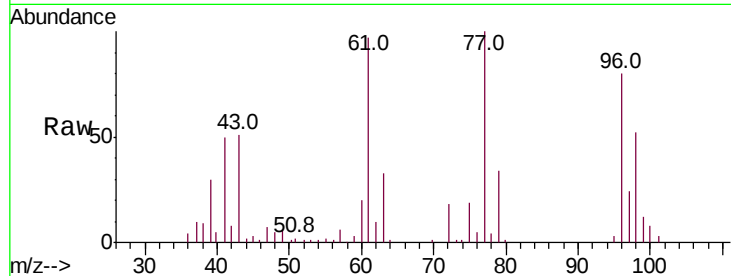
ClientSampled :

Tot Ion: 43 Resp: 46177

Ion Ratio Lower Upper

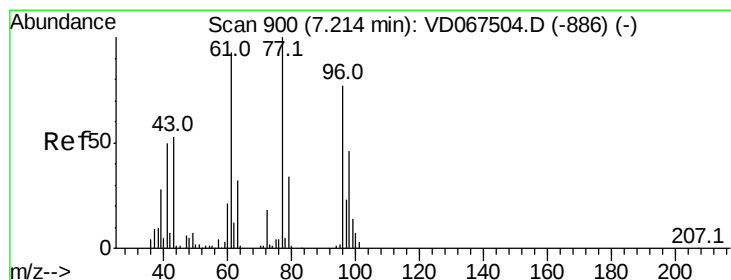
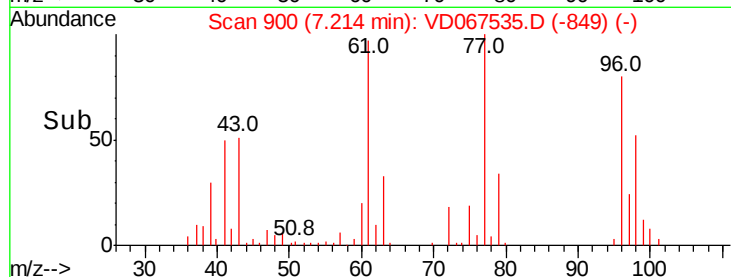
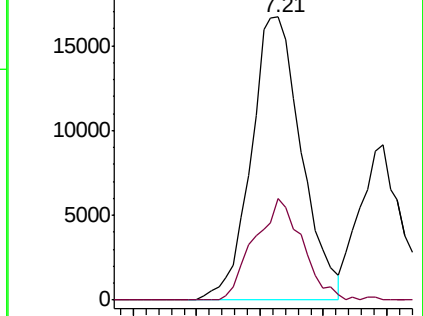
43 100

72 35.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.369 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067535.D

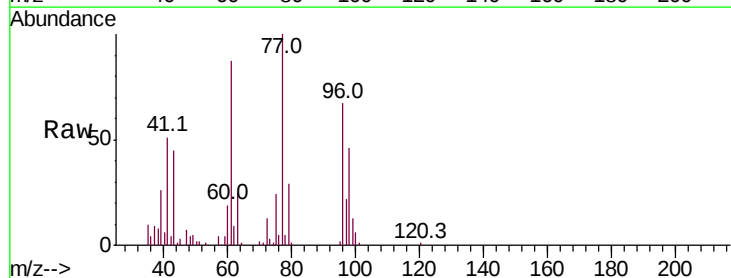
Acq: 05 Nov 2020 10:58

Tgt Ion: 77 Resp: 102289

Ion Ratio Lower Upper

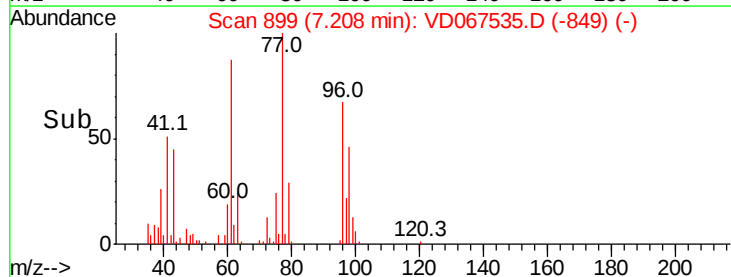
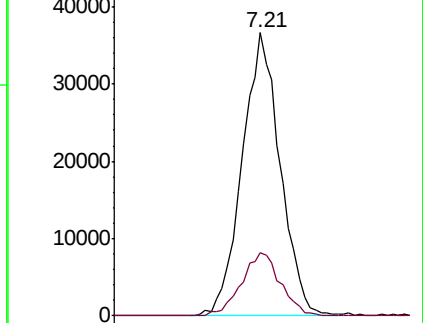
77 100

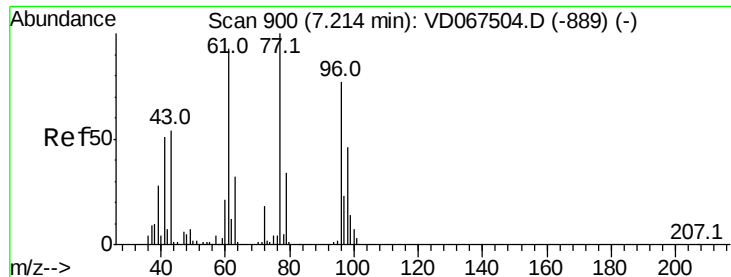
97 22.9 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



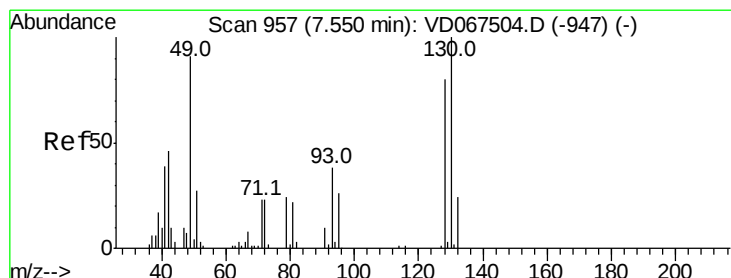
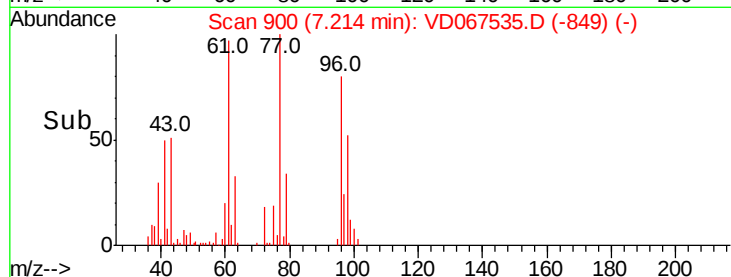
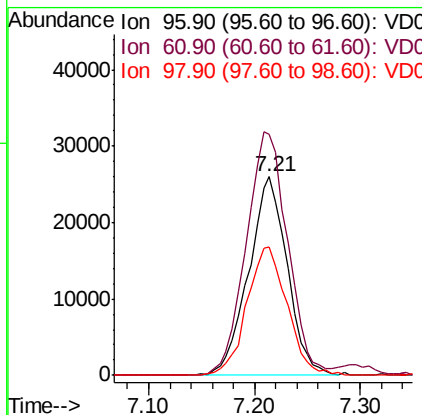
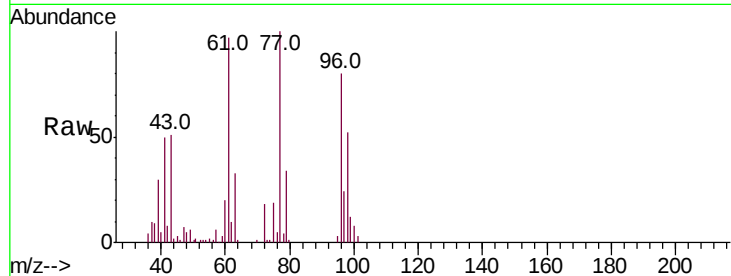


#27

cis-1,2-Dichloroethene
Concen: 20.544 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :

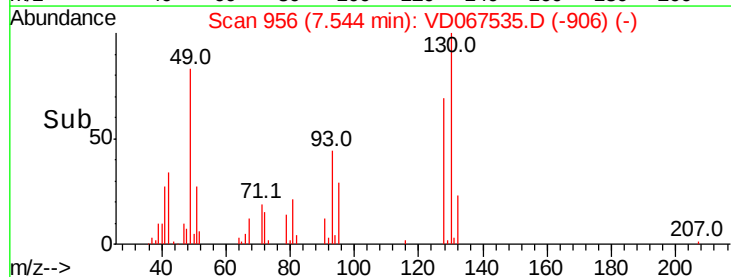
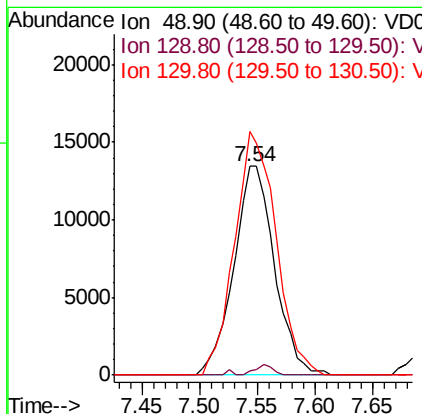
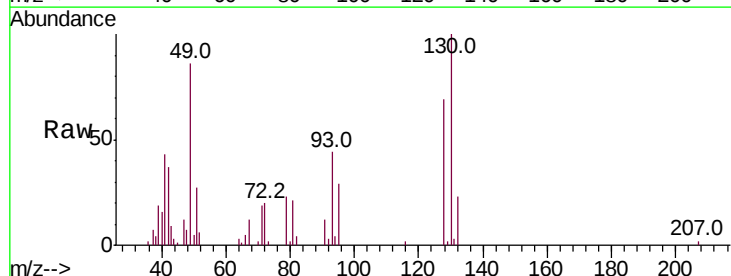
Tot Ion: 96 Resp: 66022
Ion Ratio Lower Upper
96 100
61 131.6 0.0 251.6
98 67.1 0.0 128.0

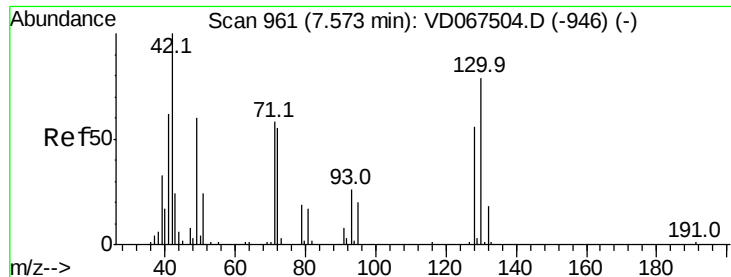


#28

Bromochloromethane
Concen: 20.491 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion: 49 Resp: 33059
Ion Ratio Lower Upper
49 100
129 2.1 0.0 6.4
130 118.7 94.6 142.0





#29

Tetrahydrofuran

Concen: 109.332 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :

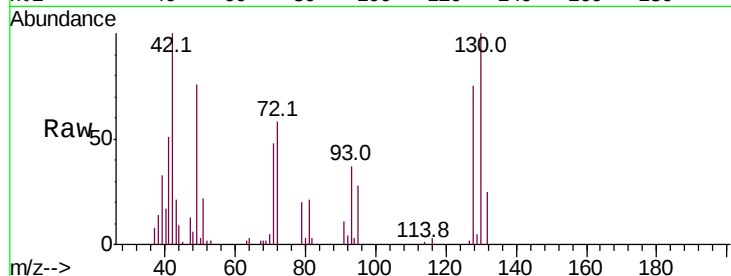
Tot Ion: 42 Resp: 29162

Ion Ratio Lower Upper

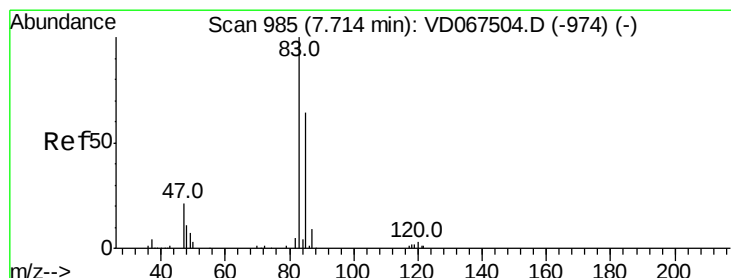
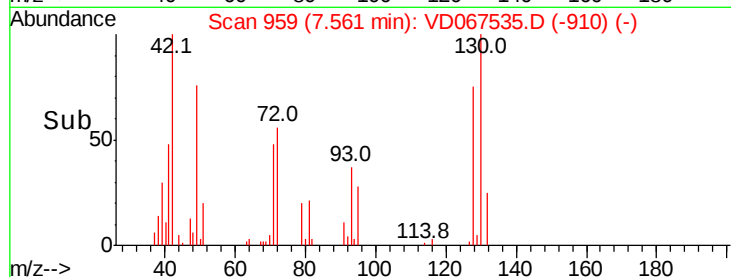
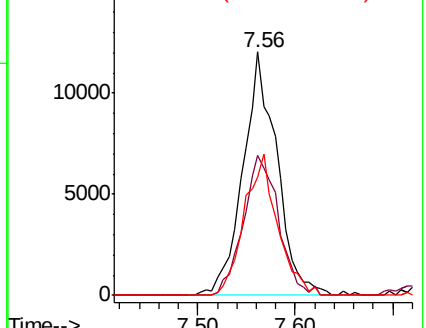
42 100

72 59.8 46.3 69.5

71 57.0 44.0 66.0



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



#30

Chloroform

Concen: 21.280 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD067535.D

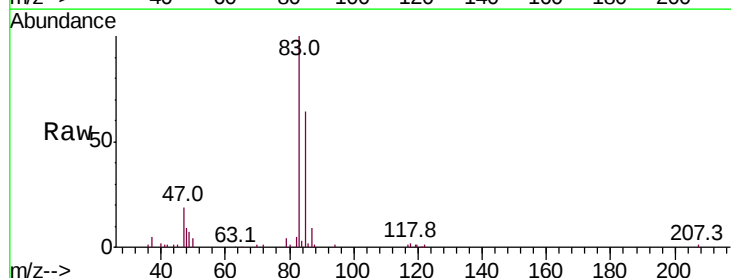
Acq: 05 Nov 2020 10:58

Tgt Ion: 83 Resp: 115146

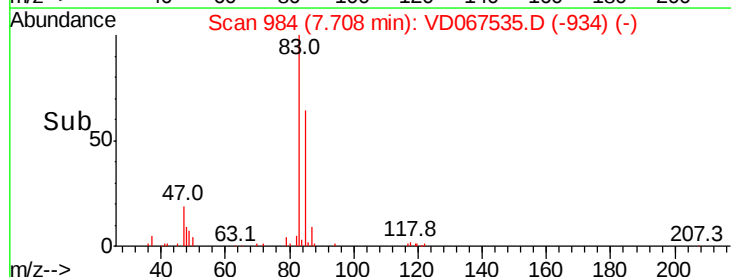
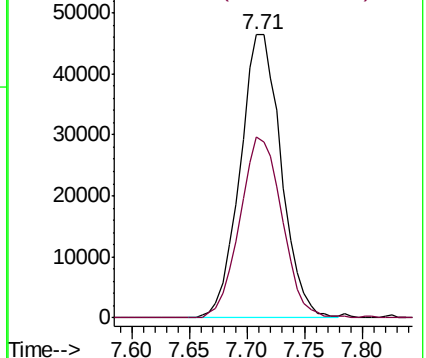
Ion Ratio Lower Upper

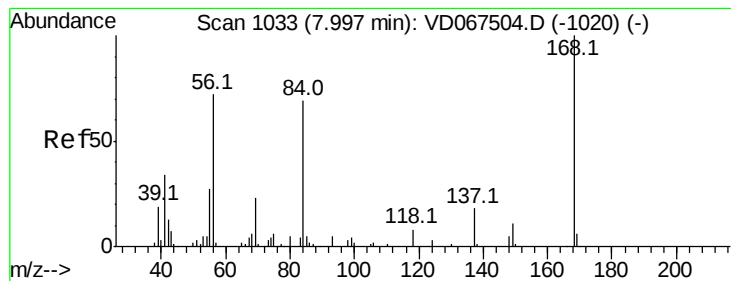
83 100

85 64.0 51.5 77.3



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





#31

Cyclohexane

Concen: 20.552 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampled :

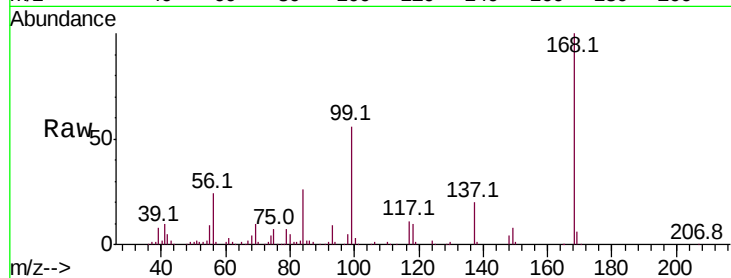
Tot Ion: 56 Resp: 83011

Ion Ratio Lower Upper

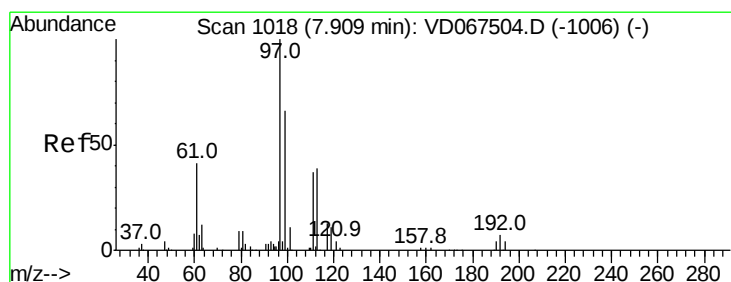
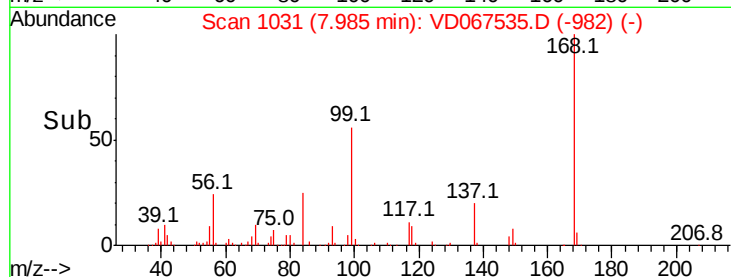
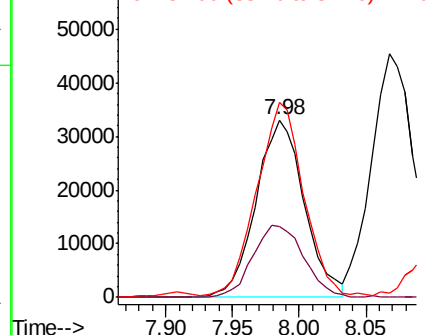
56 100

69 40.1 25.9 38.9#

84 108.1 76.2 114.4



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



#32

1,1,1-Trichloroethane

Concen: 21.257 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

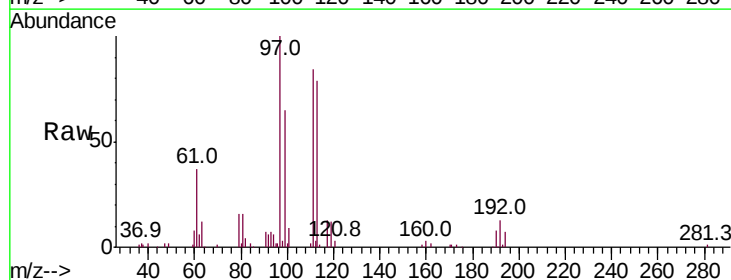
Tgt Ion: 97 Resp: 118675

Ion Ratio Lower Upper

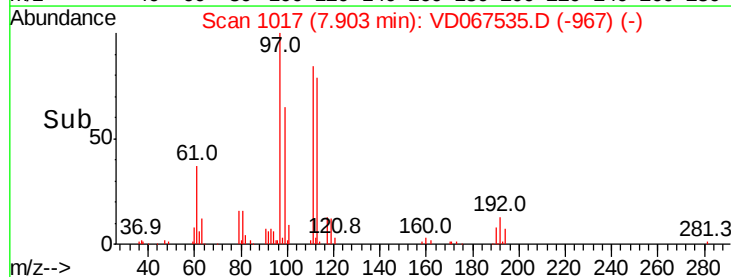
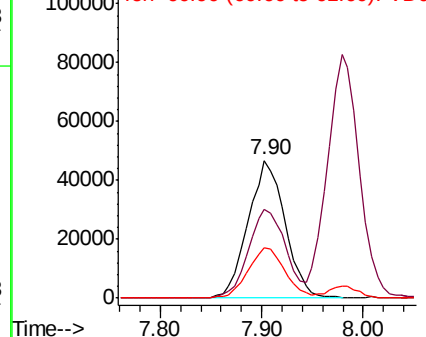
97 100

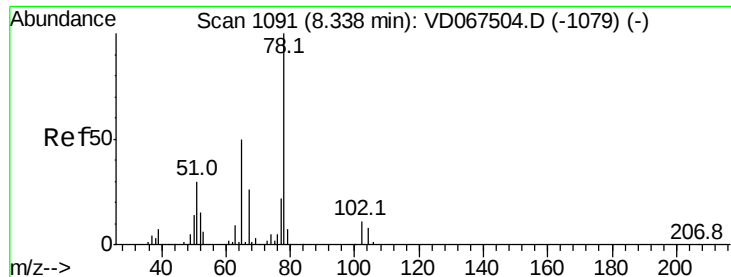
99 65.5 51.8 77.6

61 36.5 30.5 45.7



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

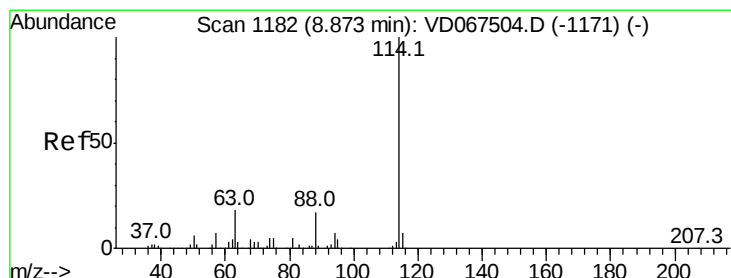
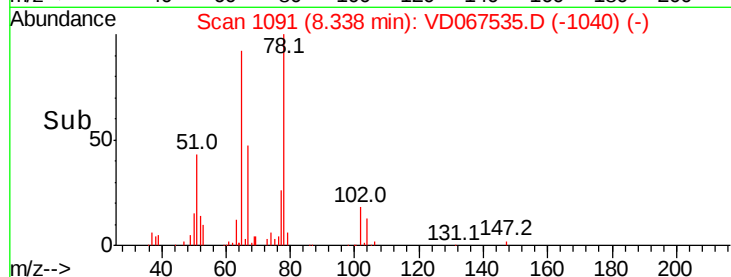
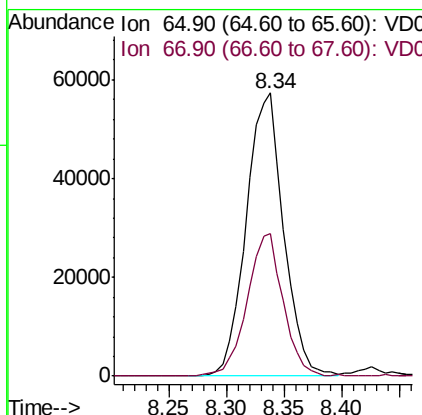
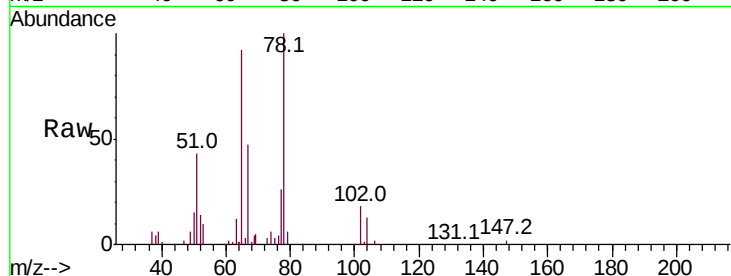




#33
 1,2-Dichloroethane-d4
 Concen: 46.518 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

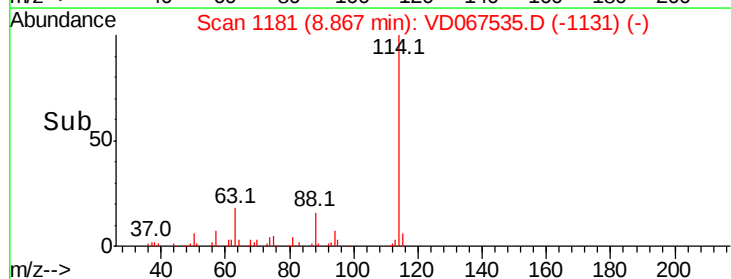
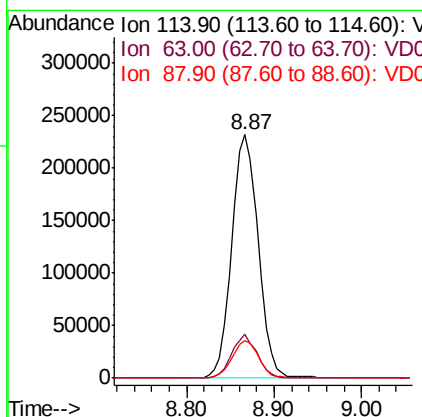
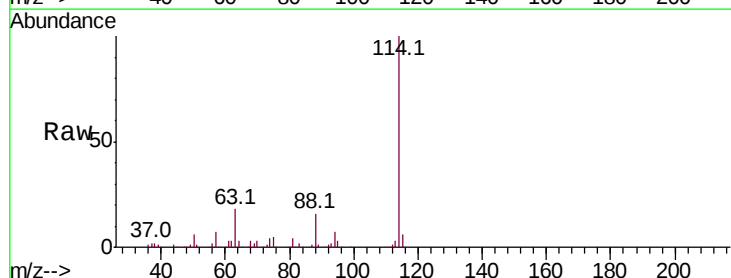
Instrument :
 MSVOA_D
 ClientSampleId :

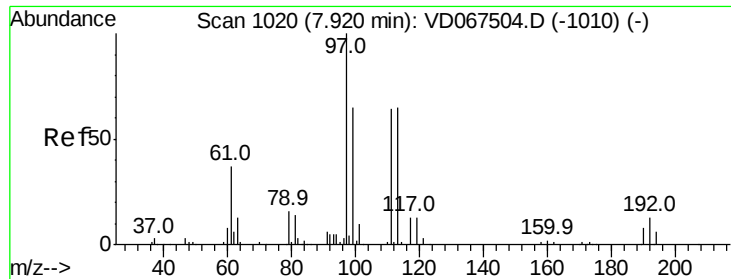
Tot Ion: 65 Resp: 129543
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion: 114 Resp: 474450
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.0
 88 15.7 0.0 33.0

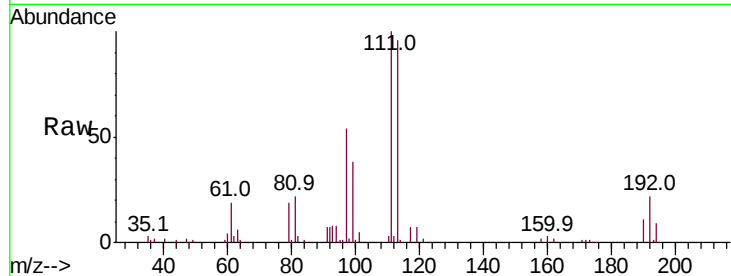




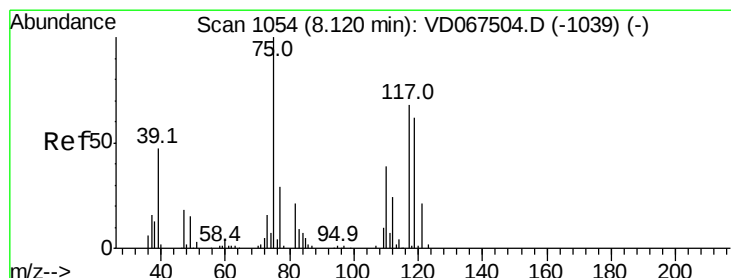
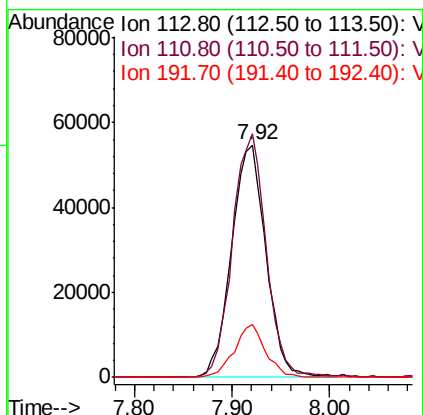
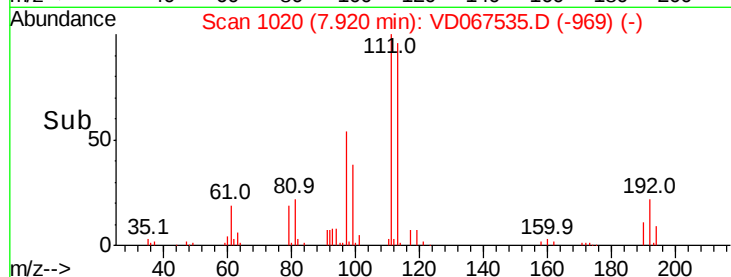
#35
Dibromofluoromethane
Concen: 46.990 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:113 Resp: 134322
Ion Ratio Lower Upper
113 100
111 102.7 80.0 120.0
192 20.7 16.3 24.5

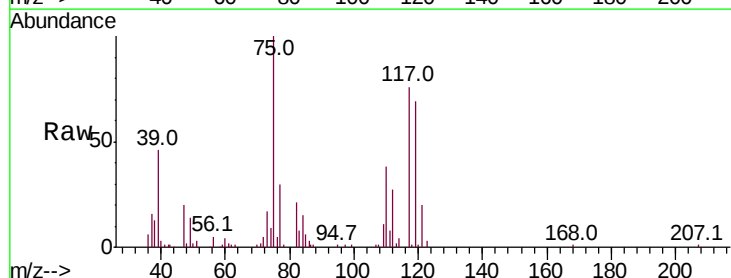


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

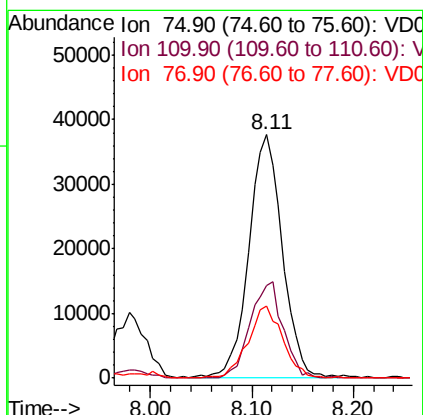
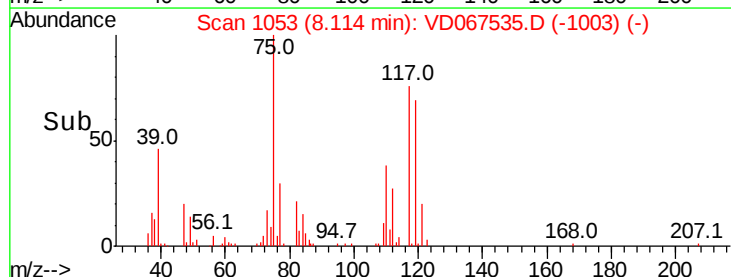


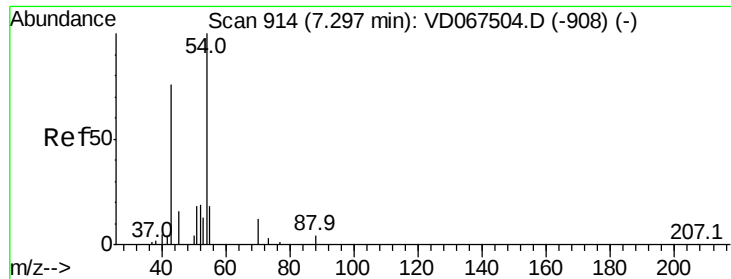
#36
1,1-Dichloropropene
Concen: 21.283 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion: 75 Resp: 86436
Ion Ratio Lower Upper
75 100
110 38.3 19.9 59.7
77 30.5 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

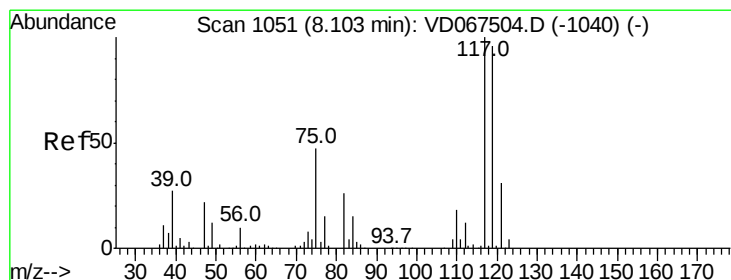
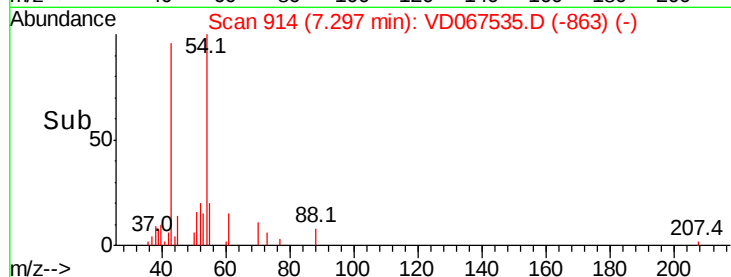
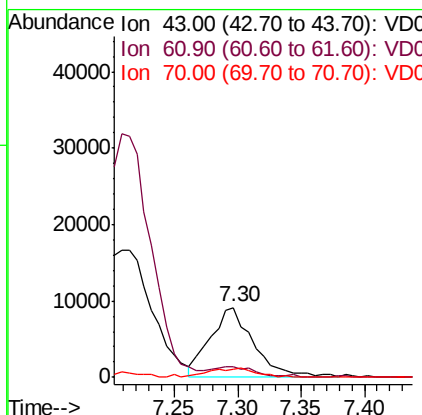
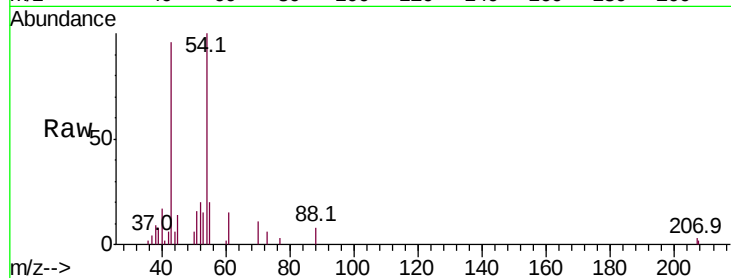




#37
Ethyl Acetate
Concen: 20.847 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

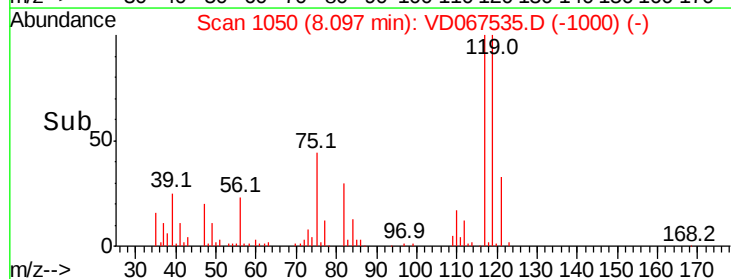
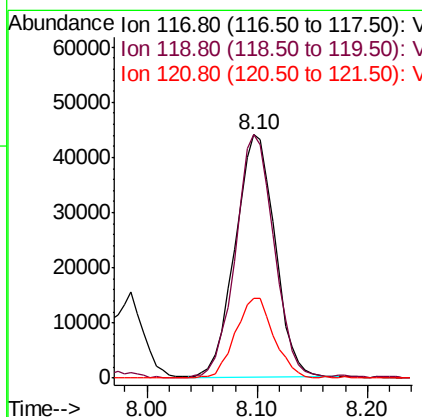
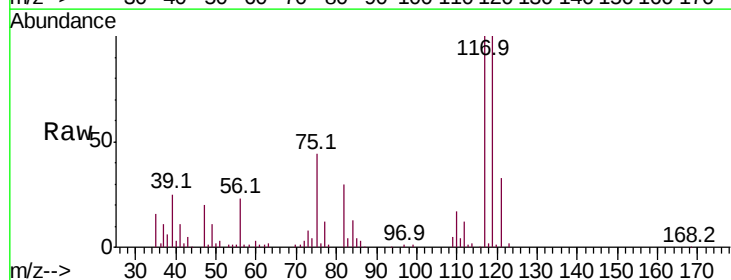
Instrument :
MSVOA_D
ClientSampleId :

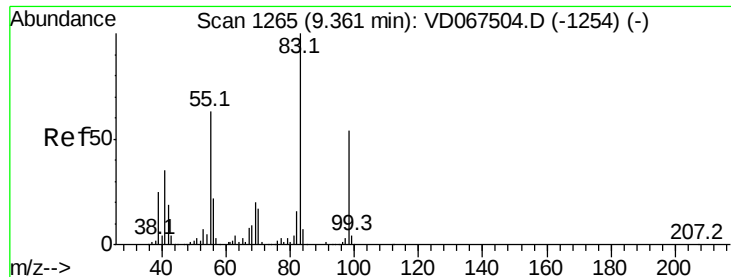
Tot Ion: 43 Resp: 21980
Ion Ratio Lower Upper
43 100
61 15.2 12.8 19.2
70 14.1 11.7 17.5



#38
Carbon Tetrachloride
Concen: 21.094 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion: 117 Resp: 111306
Ion Ratio Lower Upper
117 100
119 100.4 76.9 115.3
121 33.1 24.5 36.7

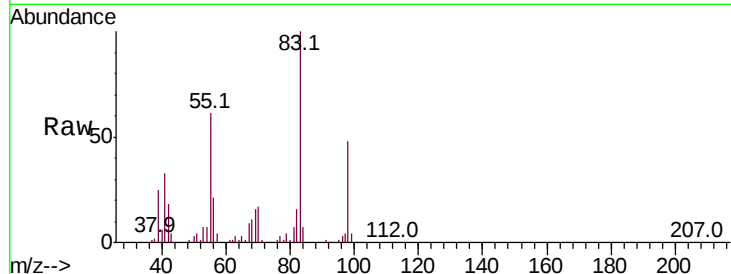




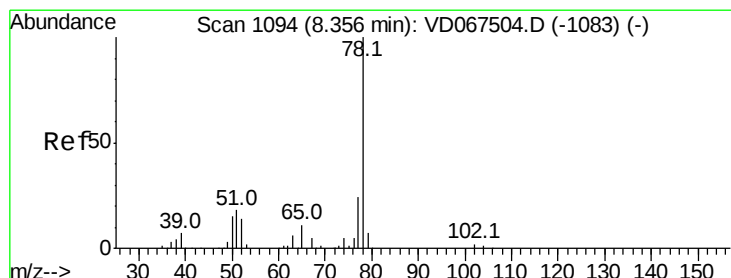
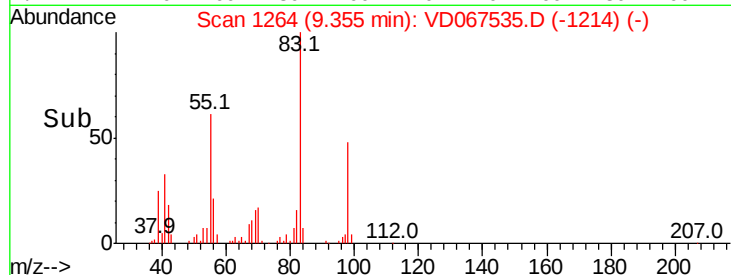
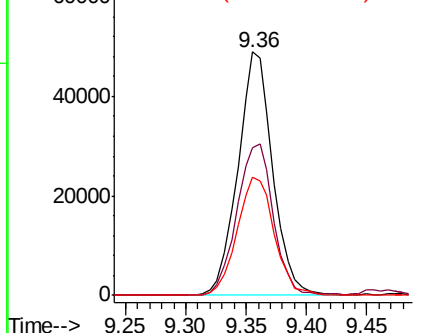
#39
Methvlcvclohexane
Concen: 20.599 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	83	Resp	98461
Ion Ratio	Lower	Upper	
83	100		
55	60.6	50.5	75.7
98	48.4	43.4	65.0

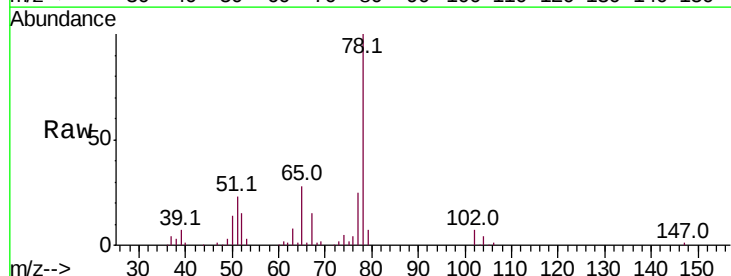


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

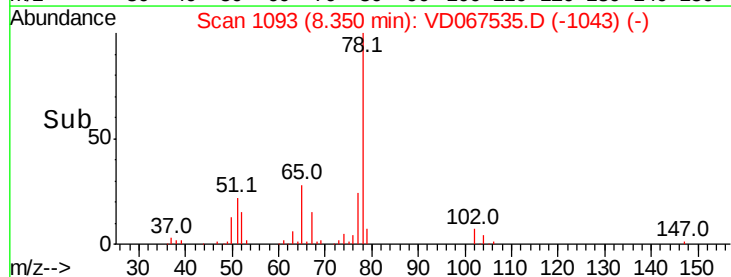
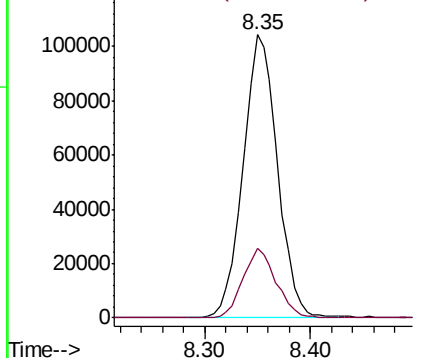


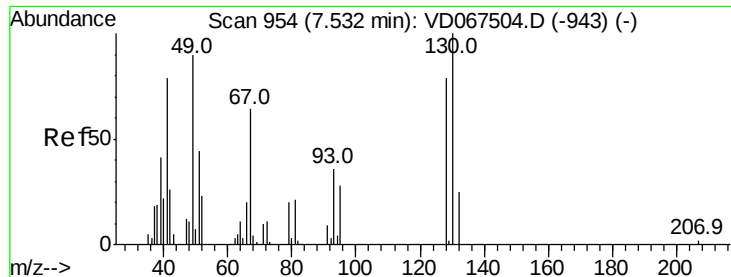
#40
Benzene
Concen: 21.402 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	78	Resp	235442
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.1	28.7



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





#41

Methacrylonitrile

Concen: 49.744 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 41 Resp: 31351

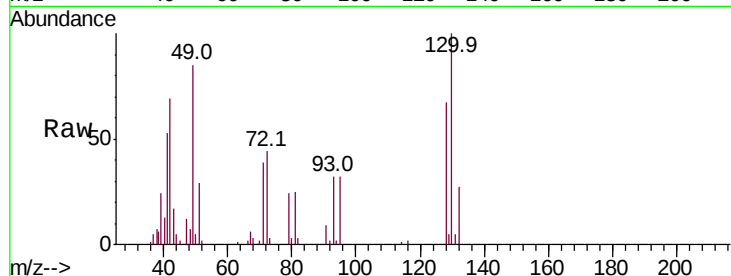
Ion Ratio Lower Upper

41 100

39 24.2 51.3 76.9#

67 0.0 78.9 118.3#

52 0.0 31.4 47.2#

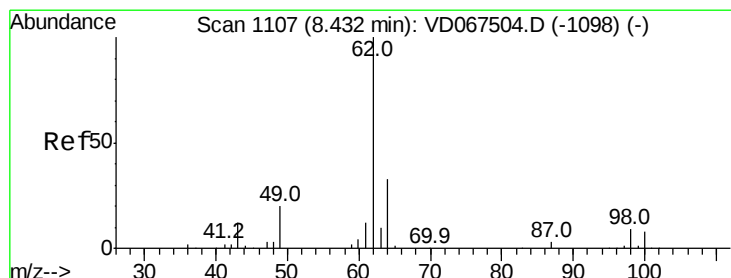
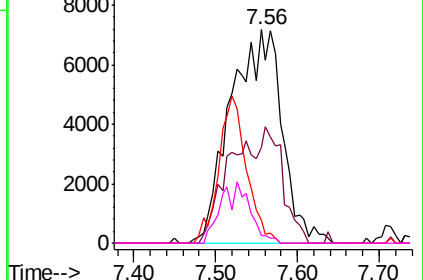
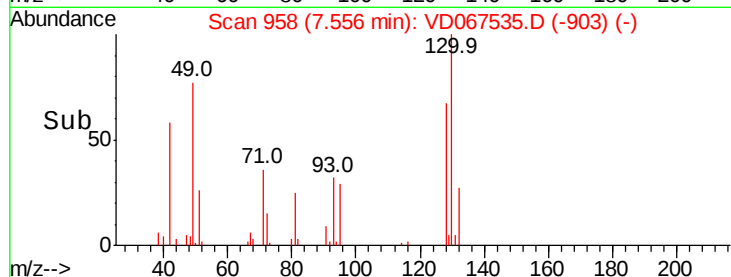


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.440 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067535.D

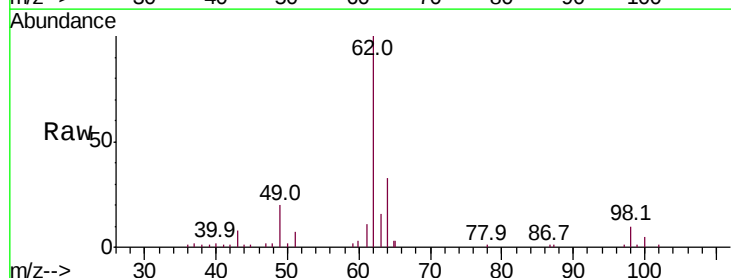
Acq: 05 Nov 2020 10:58

Tgt Ion: 62 Resp: 72874

Ion Ratio Lower Upper

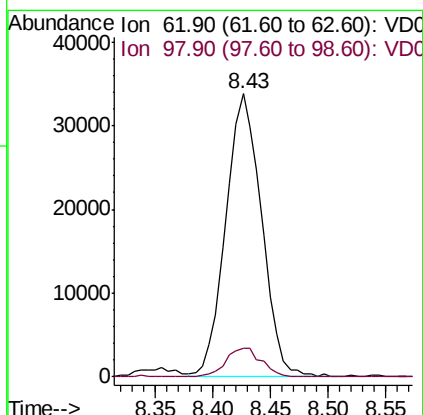
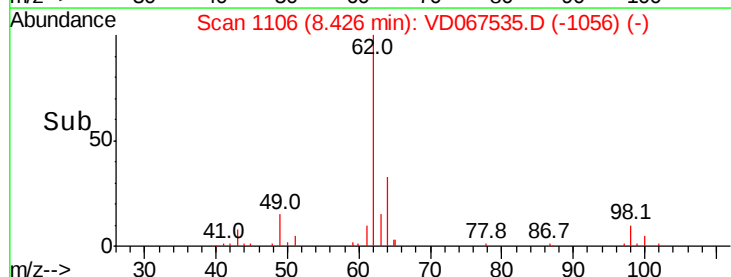
62 100

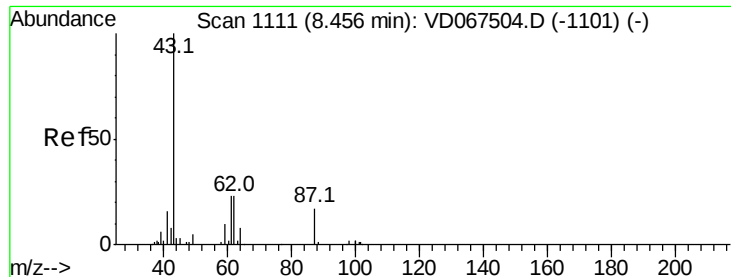
98 10.1 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.680 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

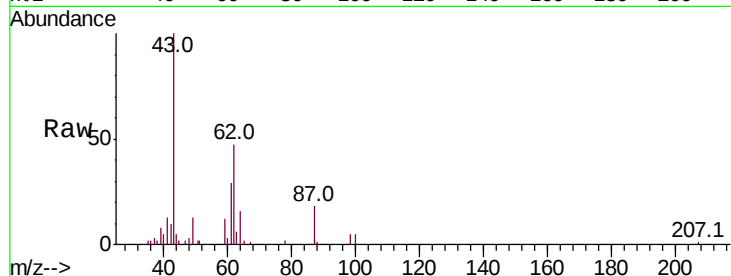
Tot Ion: 43 Resp: 43123

Ion Ratio Lower Upper

43 100

61 40.0 30.5 45.7

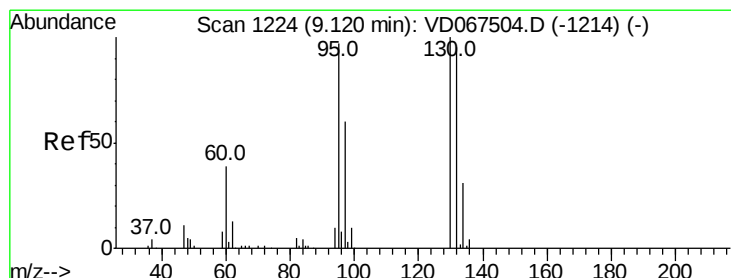
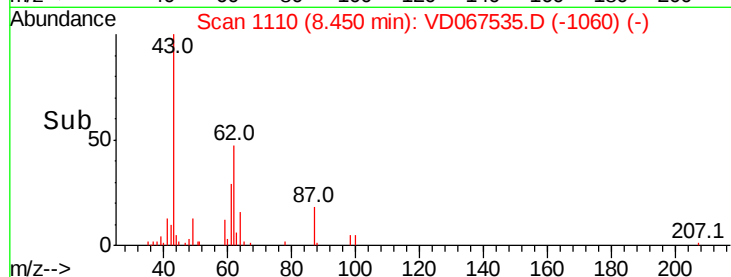
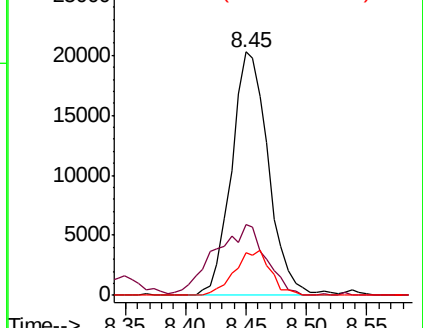
87 17.9 14.7 22.1



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: 20.611 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067535.D

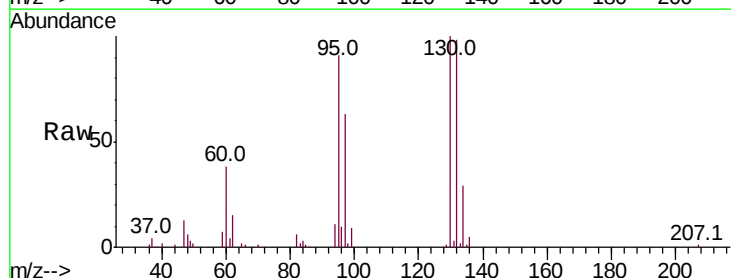
Acq: 05 Nov 2020 10:58

Tgt Ion:130 Resp: 74555

Ion Ratio Lower Upper

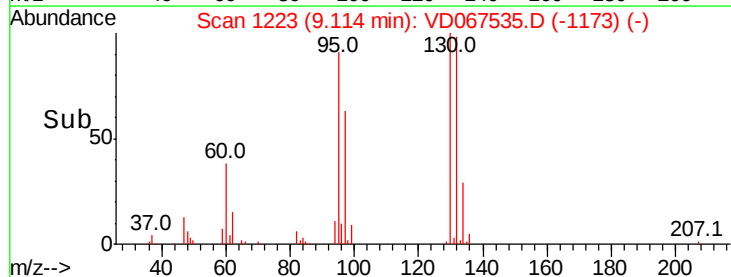
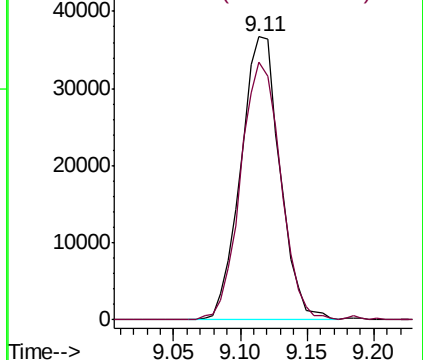
130 100

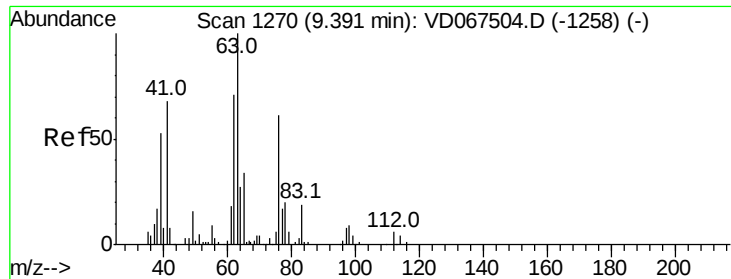
95 91.1 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

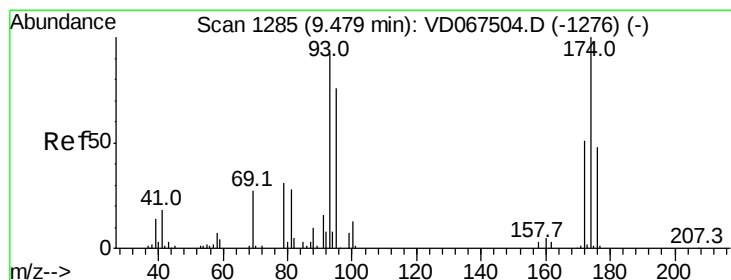
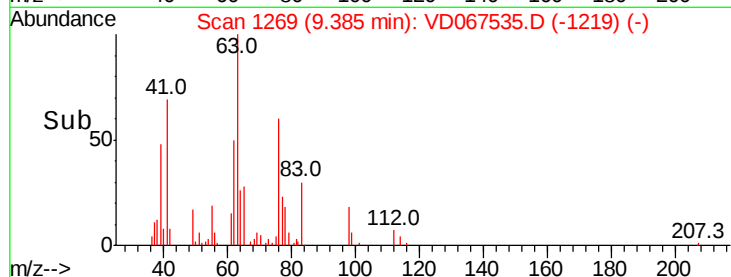
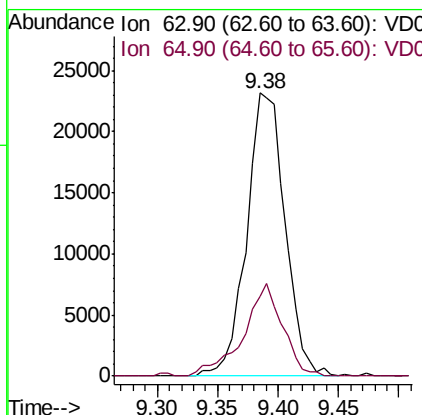
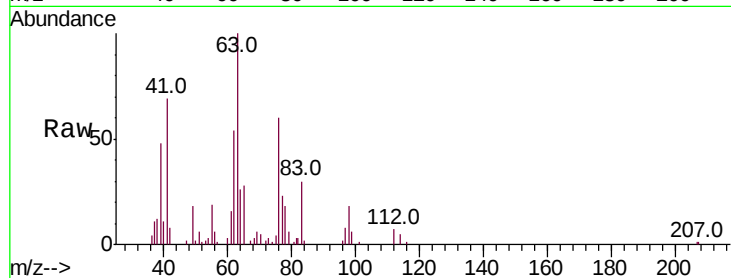




#45
 1,2-Dichloropropane
 Concen: 21.521 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

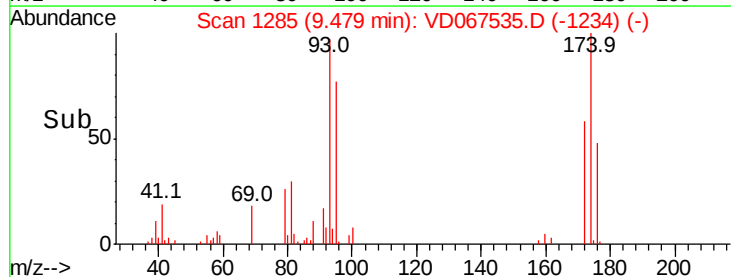
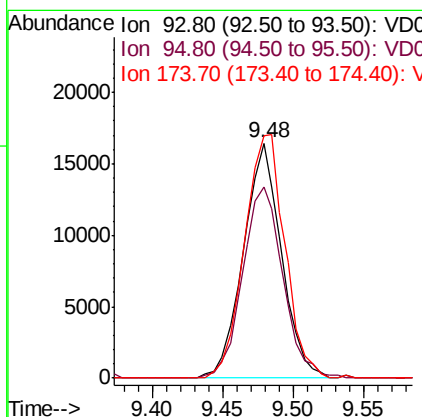
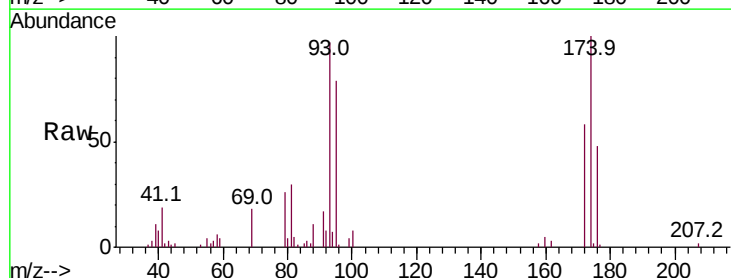
Instrument :
 MSVOA_D
 ClientSampleId :

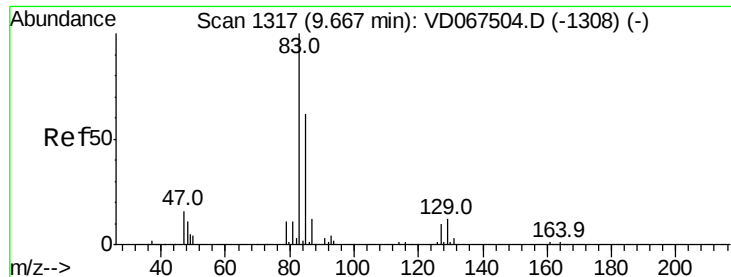
Tot Ion: 63 Resp: 51187
 Ion Ratio Lower Upper
 63 100
 65 28.2 26.9 40.3



#46
 Dibromomethane
 Concen: 20.515 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion: 93 Resp: 31024
 Ion Ratio Lower Upper
 93 100
 95 86.1 66.4 99.6
 174 110.0 88.2 132.4





#47

Bromodichloromethane

Concen: 20.868 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampled :

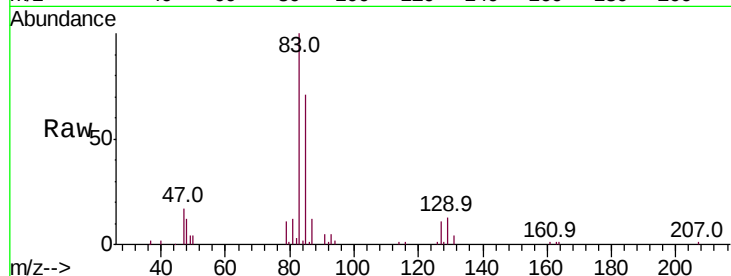
Tot Ion: 83 Resp: 85777

Ion Ratio Lower Upper

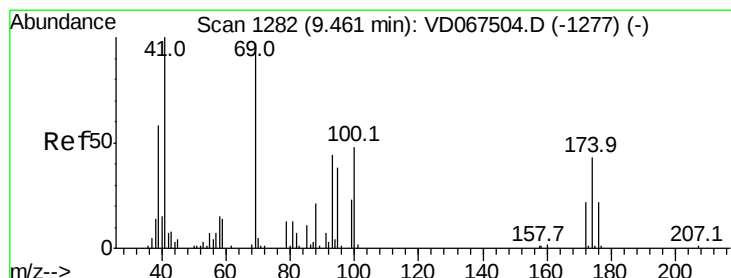
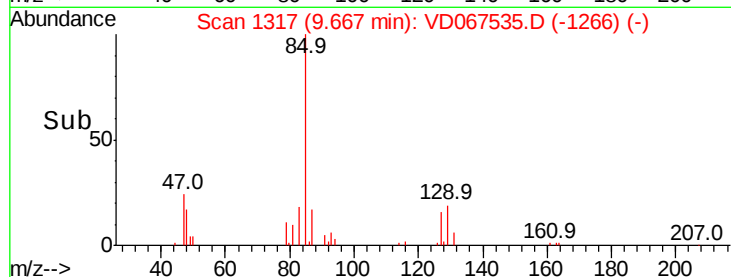
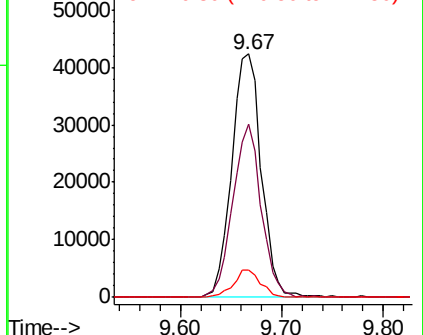
83 100

85 71.0 49.4 74.2

127 11.4 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: 18.187 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

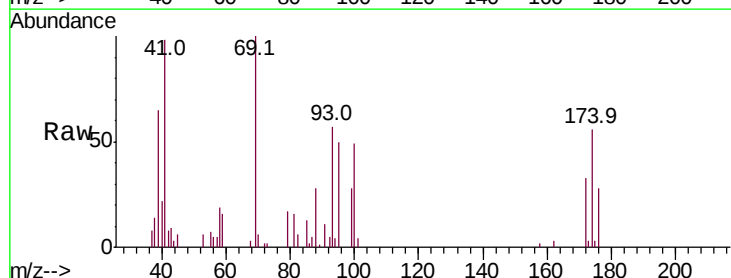
Tgt Ion: 41 Resp: 19581

Ion Ratio Lower Upper

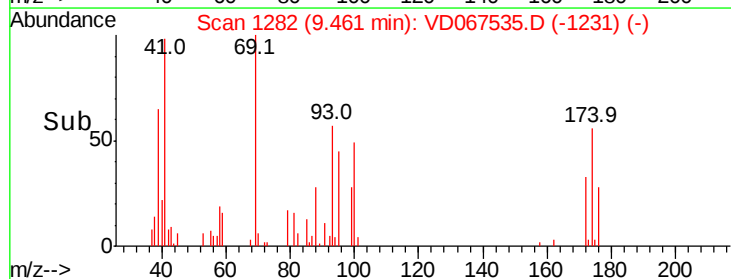
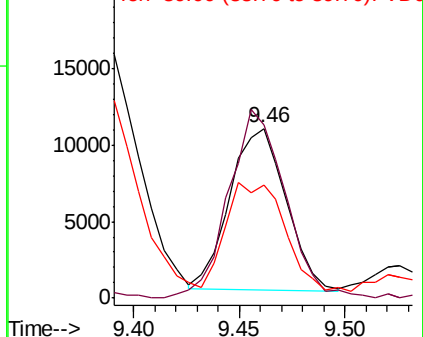
41 100

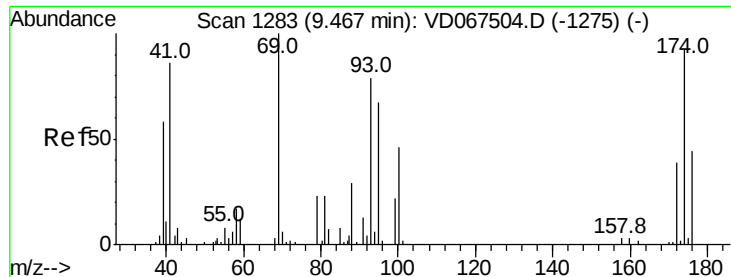
69 117.4 80.6 121.0

39 71.4 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: 457.324 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :

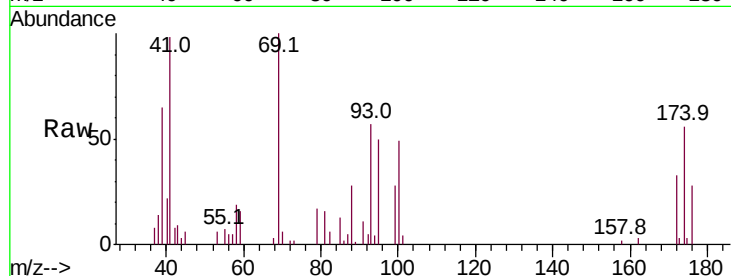
Tot Ion: 88 Resp: 7021

Ion Ratio Lower Upper

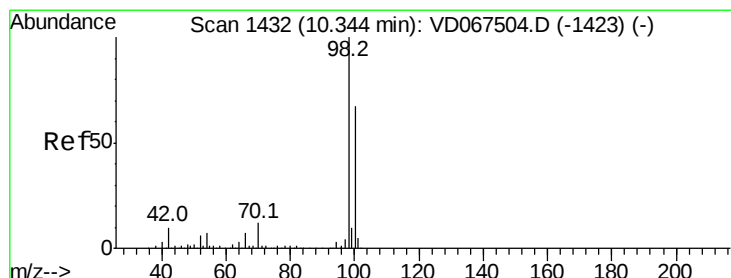
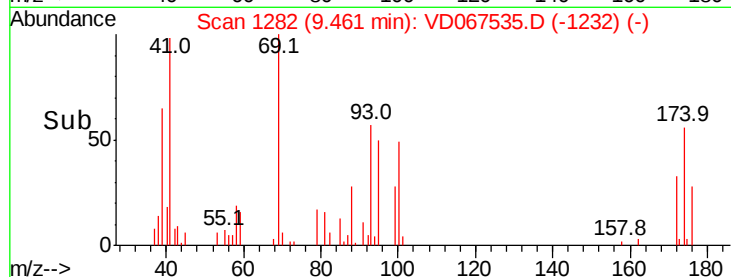
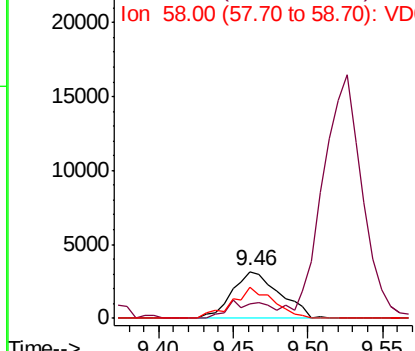
88 100

43 31.1 23.6 35.4

58 56.7 44.7 67.1



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



#50

Toluene-d8

Concen: 47.277 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067535.D

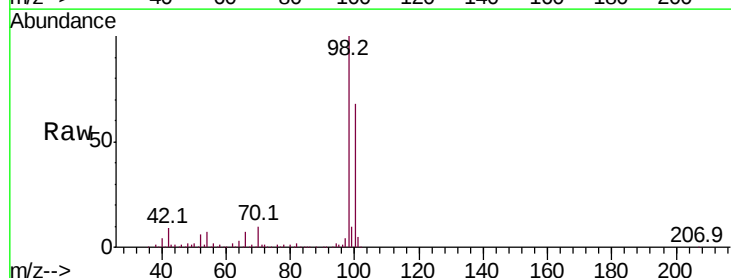
Acq: 05 Nov 2020 10:58

Tgt Ion: 98 Resp: 474923

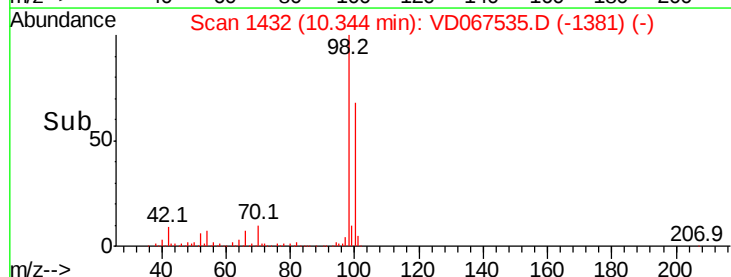
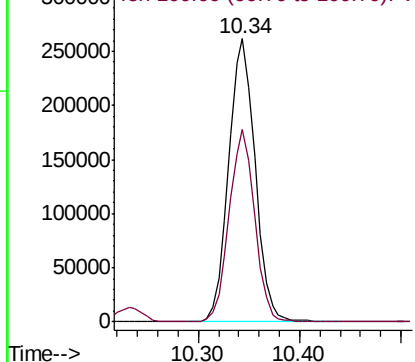
Ion Ratio Lower Upper

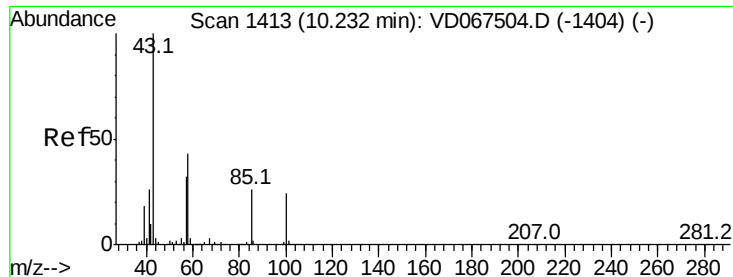
98 100

100 65.8 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: 104.851 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

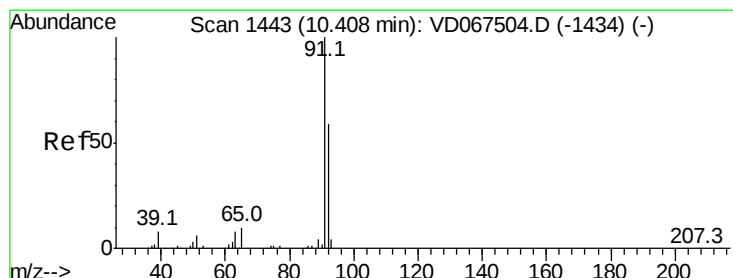
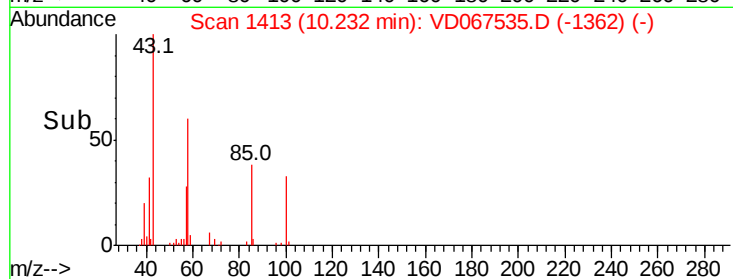
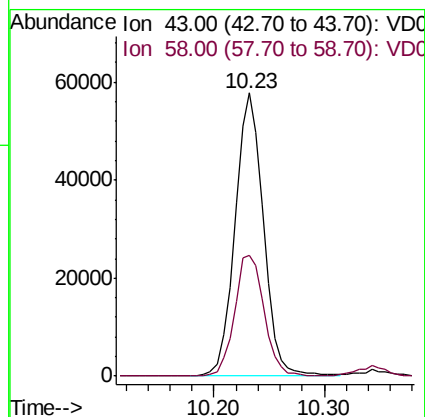
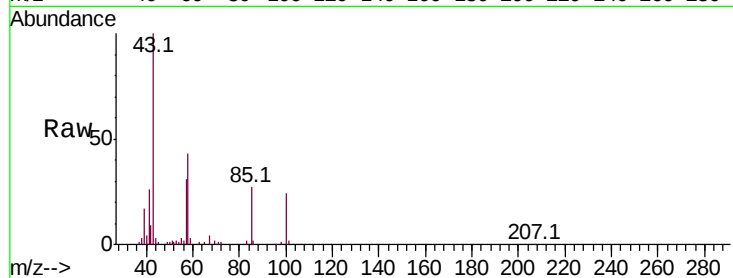
ClientSampleId :

Tot Ion: 43 Resp: 104564

Ion Ratio Lower Upper

43 100

58 44.4 35.6 53.4



#52

Toluene

Concen: 21.809 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067535.D

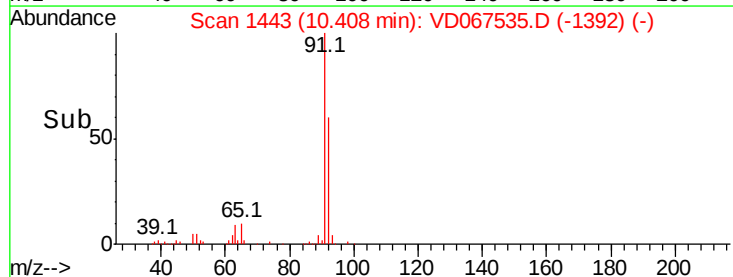
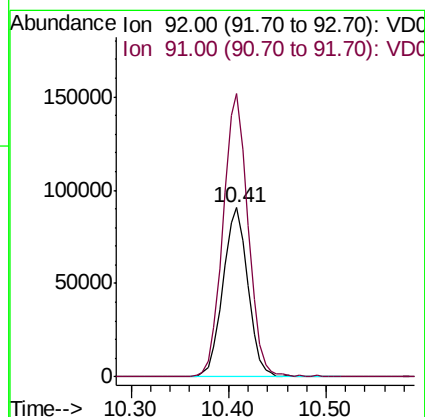
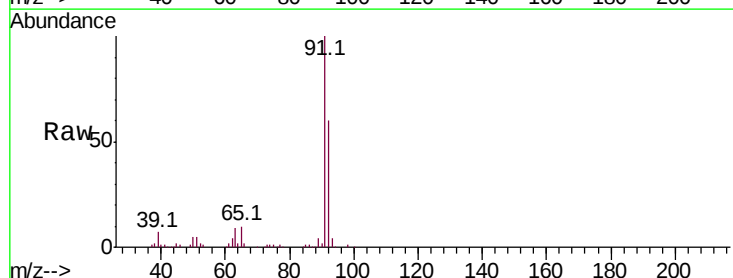
Acq: 05 Nov 2020 10:58

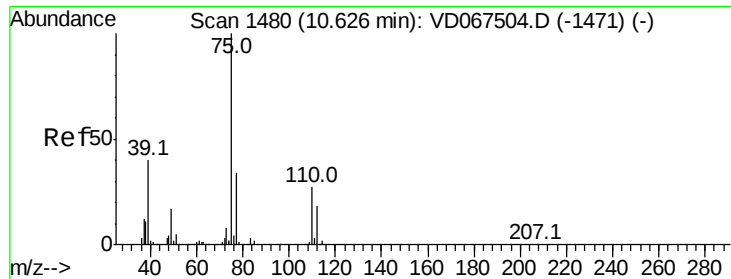
Tgt Ion: 92 Resp: 160693

Ion Ratio Lower Upper

92 100

91 167.8 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 20.803 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

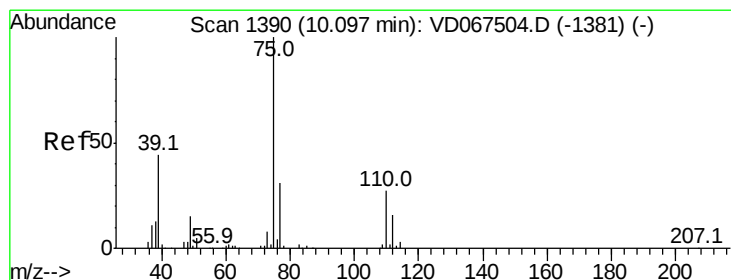
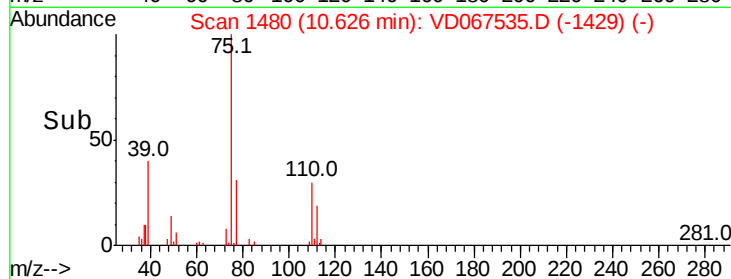
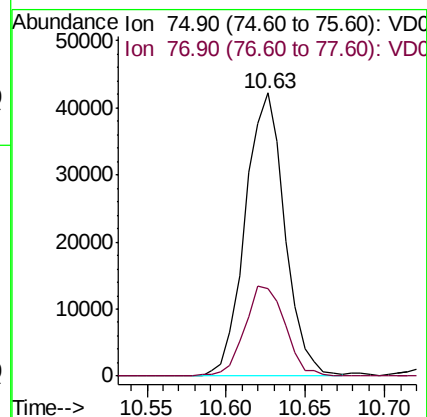
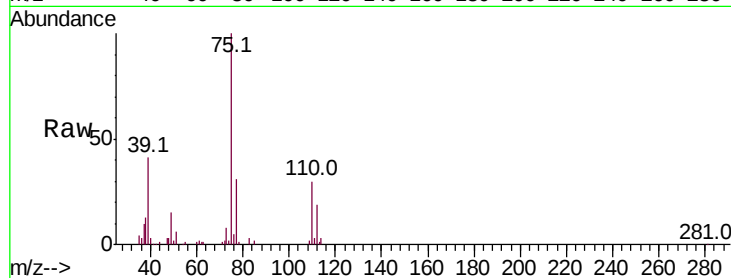
ClientSampleId :

Tot Ion: 75 Resp: 73235

Ion Ratio Lower Upper

75 100

77 30.9 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 20.683 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

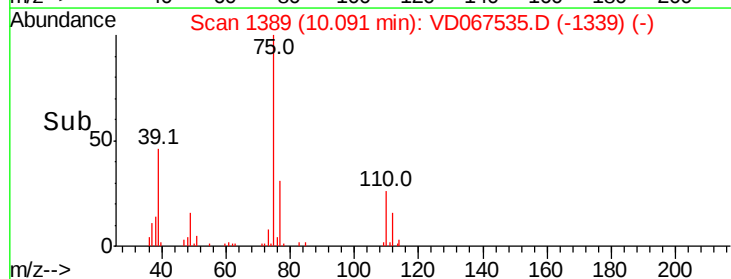
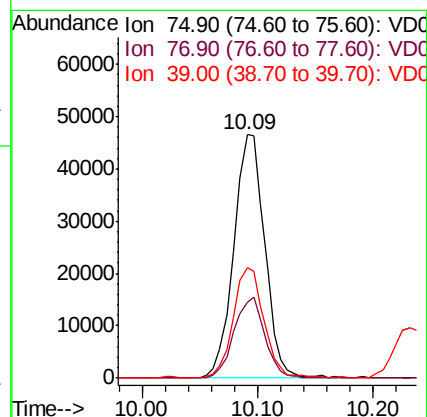
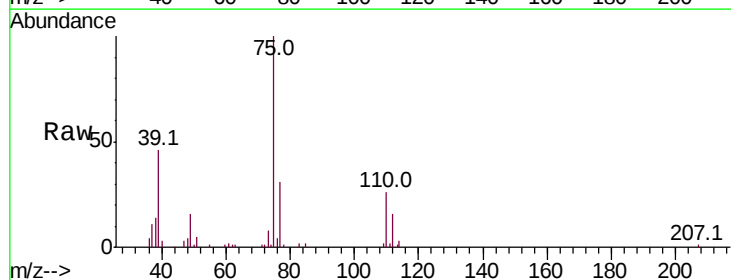
Tgt Ion: 75 Resp: 86509

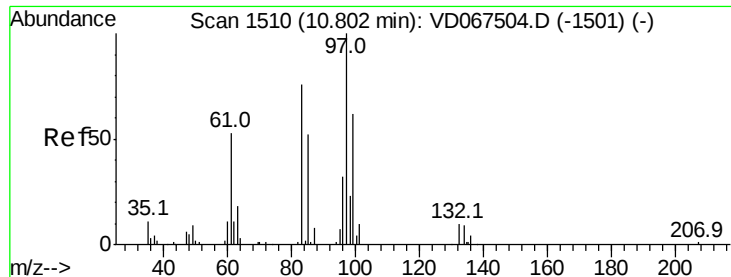
Ion Ratio Lower Upper

75 100

77 31.2 24.4 36.6

39 45.6 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 20.734 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 41487

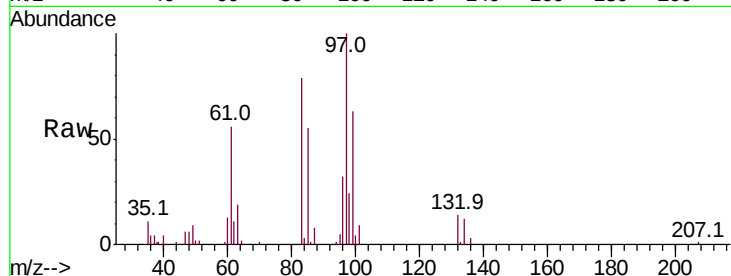
Ion	Ratio	Lower	Upper
97	100		
83	79.0	61.0	91.6
85	55.4	41.5	62.3
99	62.8	49.4	74.2

97 100

83 79.0 61.0 91.6

85 55.4 41.5 62.3

99 62.8 49.4 74.2

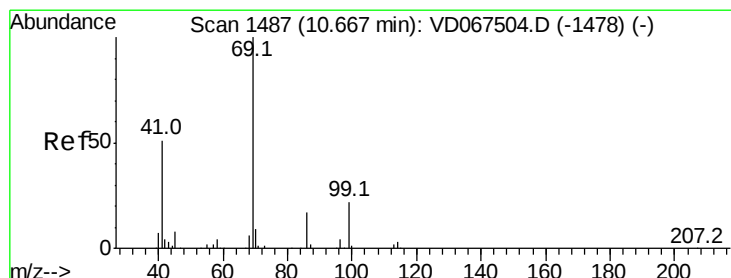
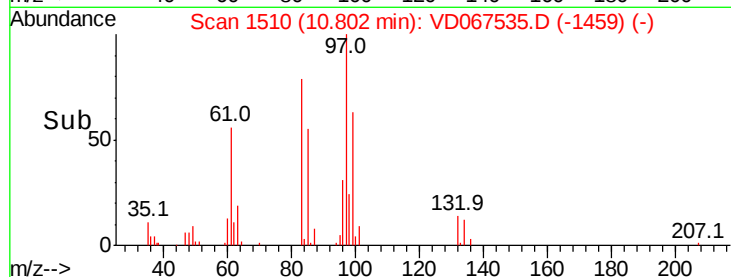
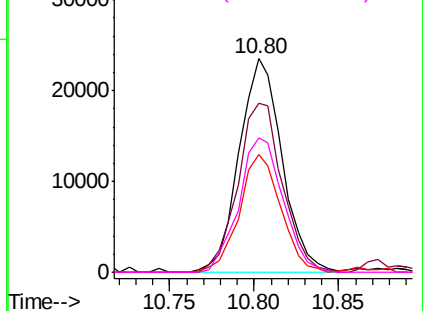


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 20.743 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

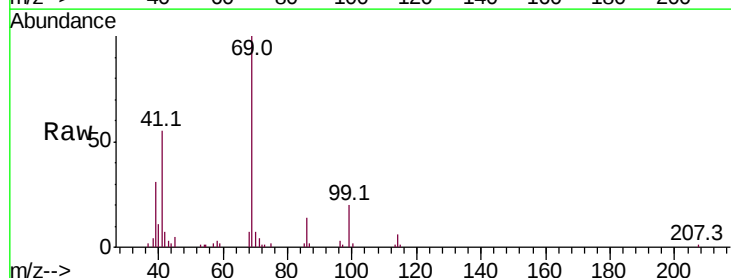
Tgt Ion: 69 Resp: 42862

Ion	Ratio	Lower	Upper
69	100		
41	53.1	45.4	68.0
39	30.5	27.4	41.0

69 100

41 53.1 45.4 68.0

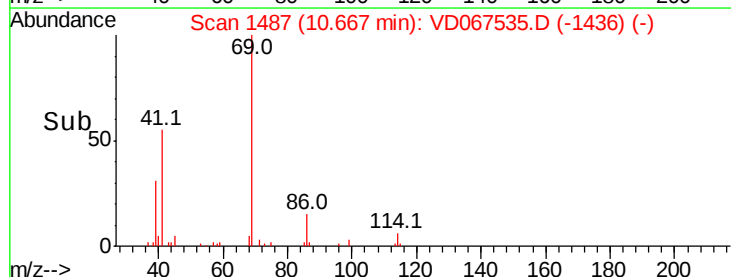
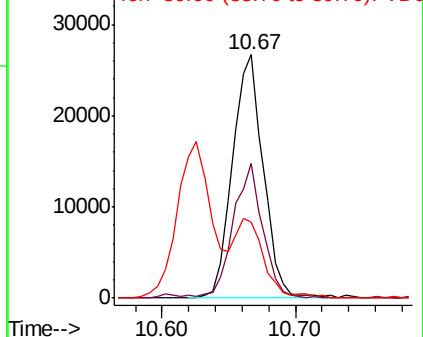
39 30.5 27.4 41.0

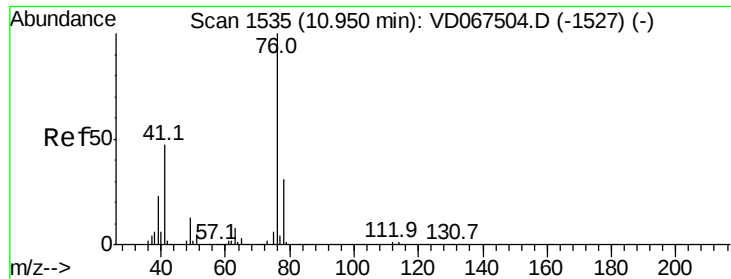


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.582 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

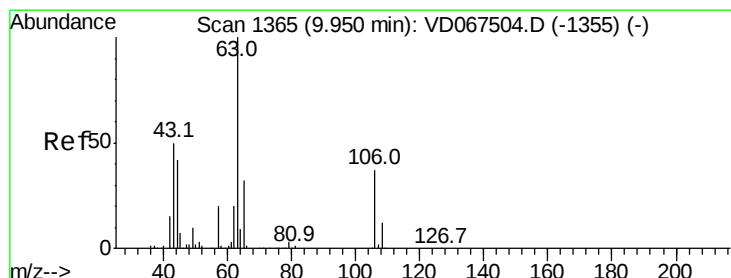
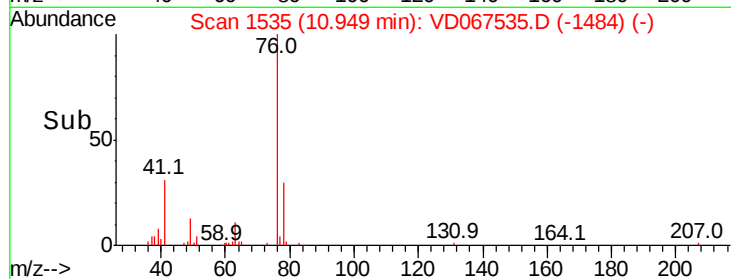
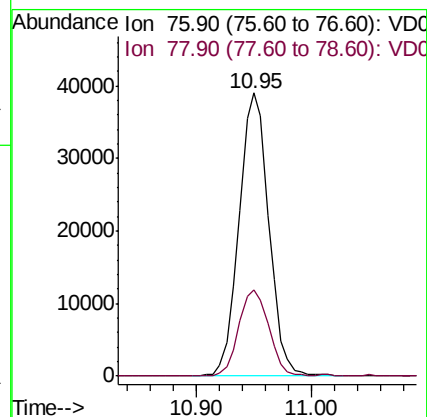
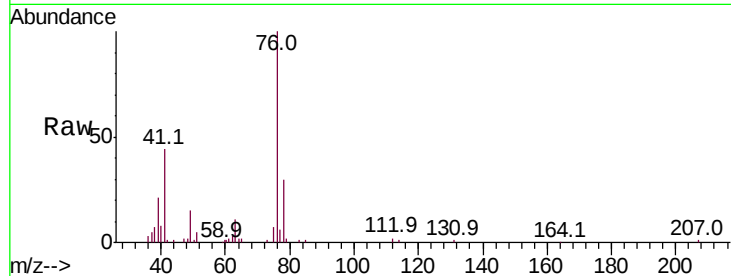
ClientSampleId :

Tot Ion: 76 Resp: 69492

Ion Ratio Lower Upper

76 100

78 30.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.754 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD067535.D

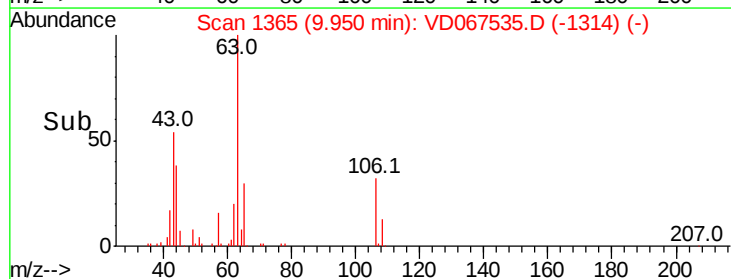
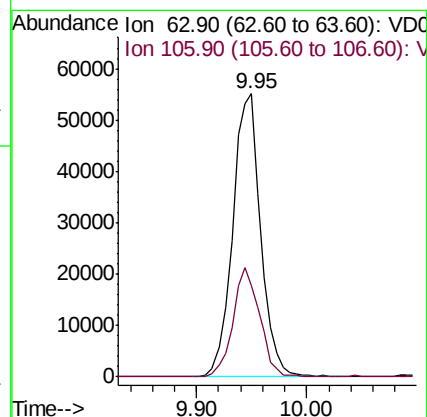
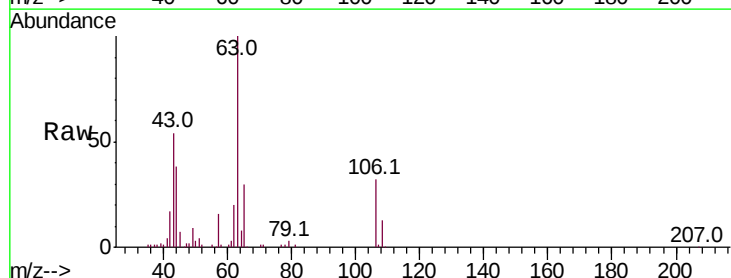
Acq: 05 Nov 2020 10:58

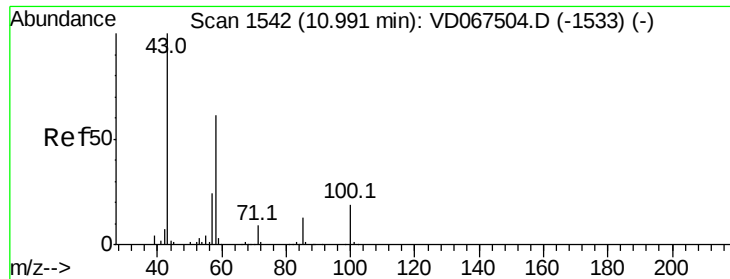
Tgt Ion: 63 Resp: 98049

Ion Ratio Lower Upper

63 100

106 36.8 29.2 43.8

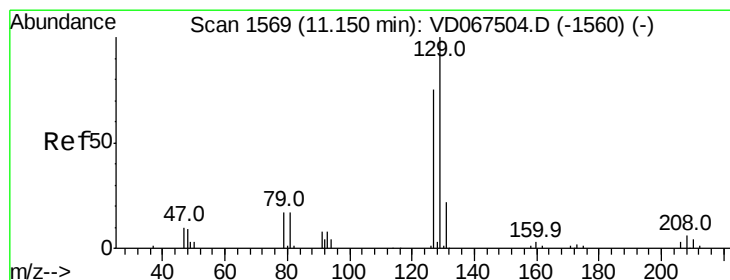
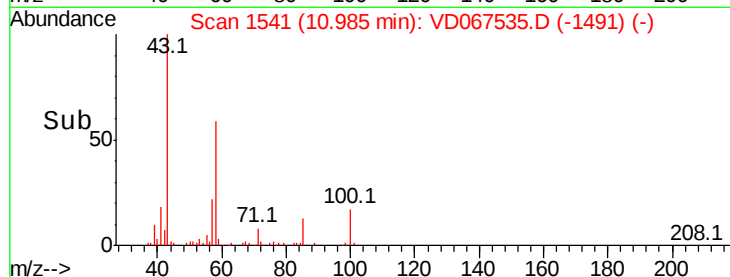
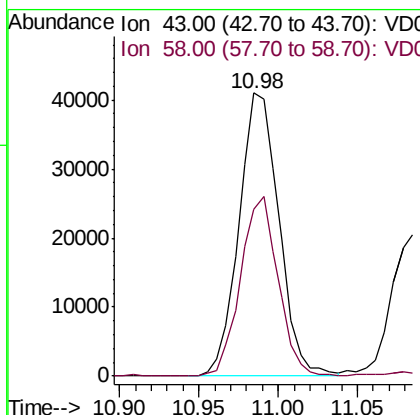
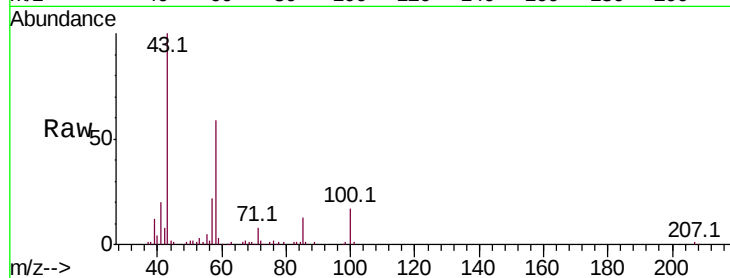




#59
2-Hexanone
Concen: 103.216 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

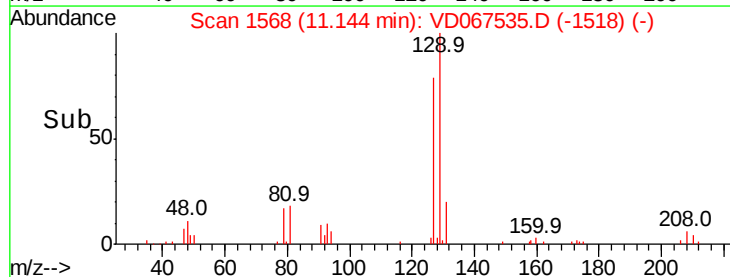
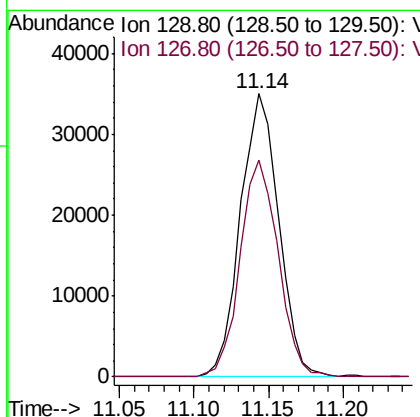
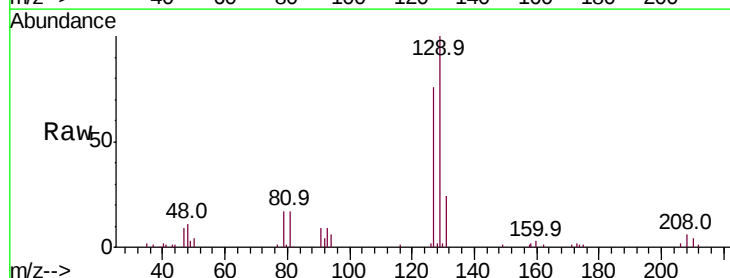
Instrument :
MSVOA_D
ClientSampled :

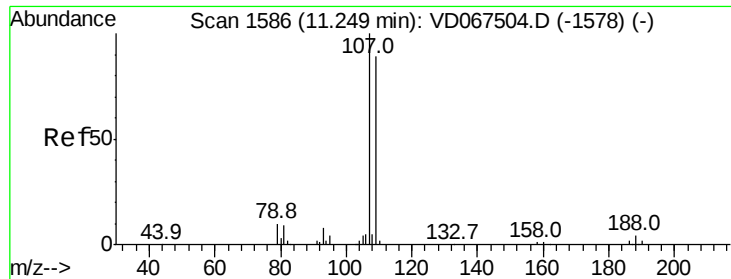
Tot Ion: 43 Resp: 71971
Ion Ratio Lower Upper
43 100
58 59.3 30.3 90.9



#60
Dibromochloromethane
Concen: 21.044 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion:129 Resp: 62290
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.1

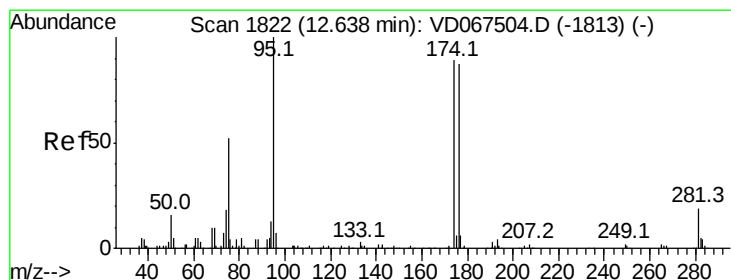
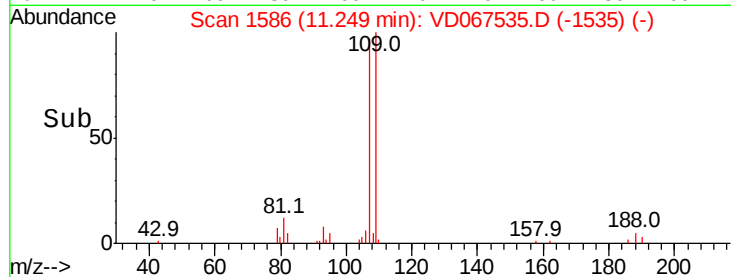
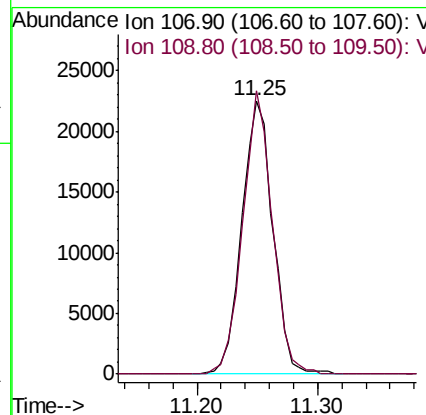
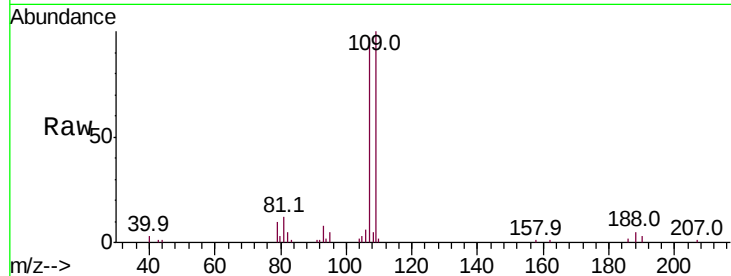




#61
 1,2-Dibromoethane
 Concen: 20.151 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

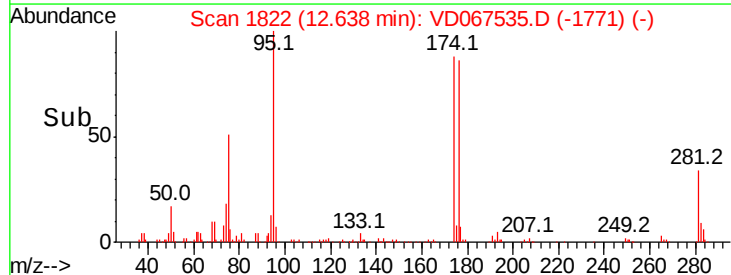
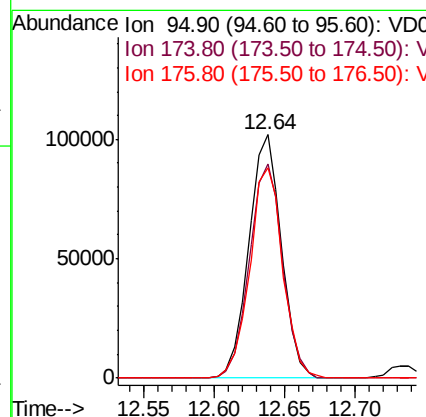
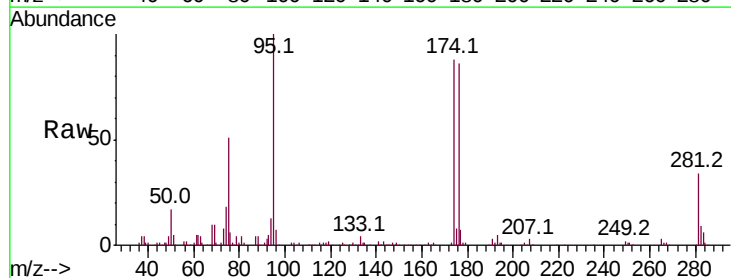
Instrument :
 MSVOA_D
 ClientSampled :

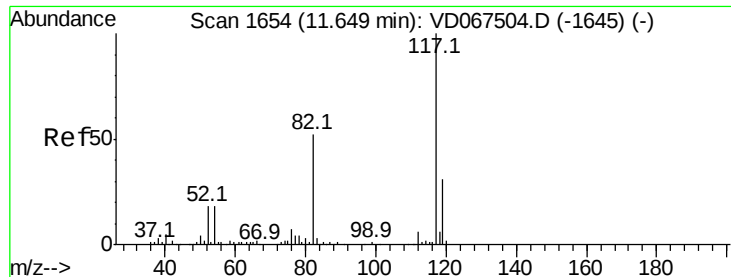
Tot Ion:107 Resp: 40468
 Ion Ratio Lower Upper
 107 100
 109 98.7 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 47.485 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion: 95 Resp: 164689
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 177.8
 176 87.6 0.0 172.0

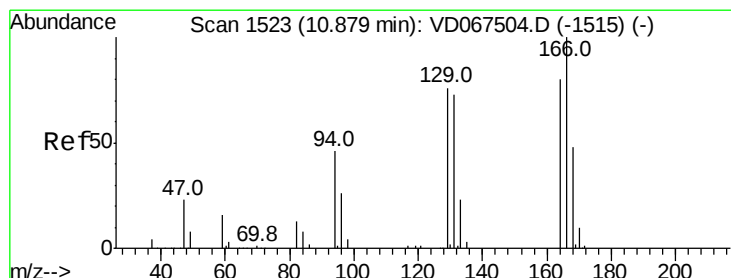
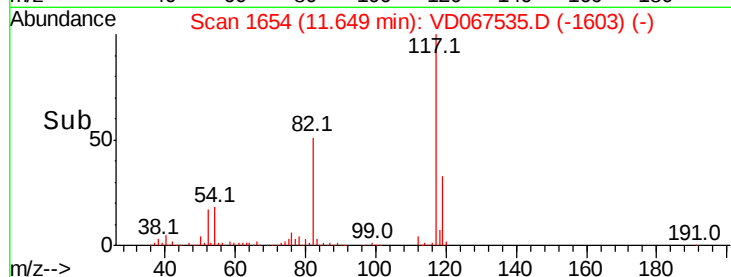
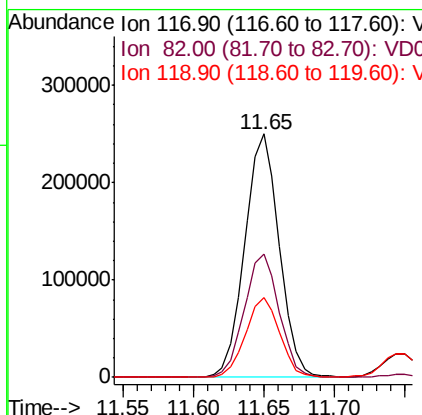
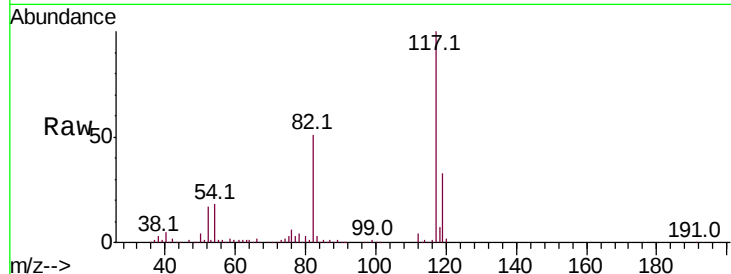




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

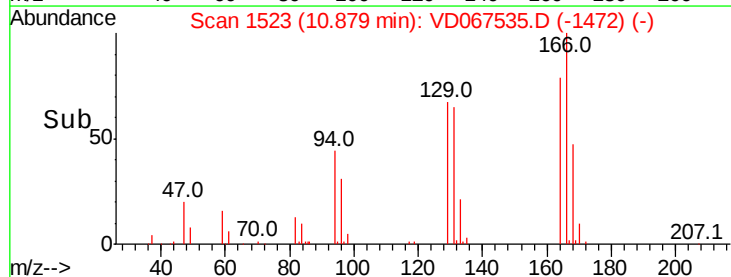
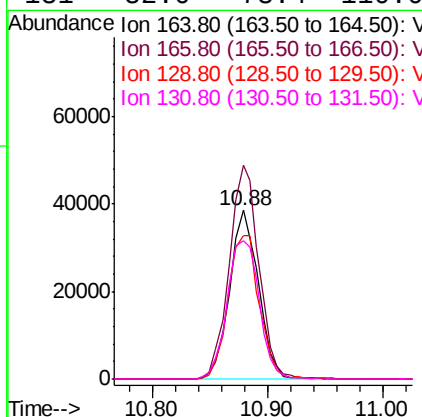
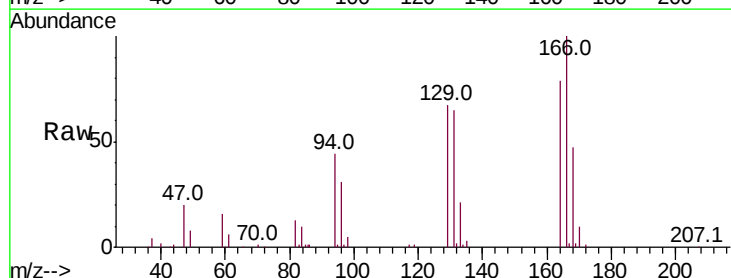
Instrument :
MSVOA_D
ClientSampleId :

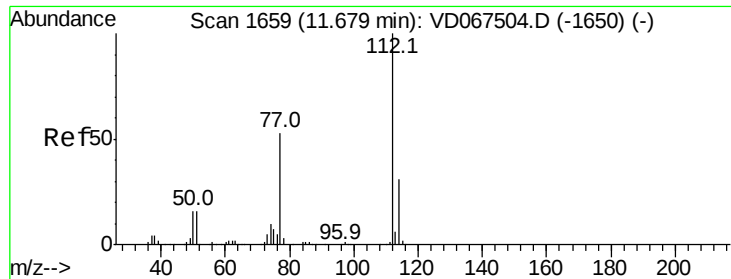
Tot Ion:117 Resp: 428812
Ion Ratio Lower Upper
117 100
82 50.9 41.6 62.4
119 32.8 25.1 37.7



#64
Tetrachloroethene
Concen: 21.075 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion:164 Resp: 66929
Ion Ratio Lower Upper
164 100
166 126.7 99.9 149.9
129 85.2 75.5 113.3
131 82.0 73.4 110.0

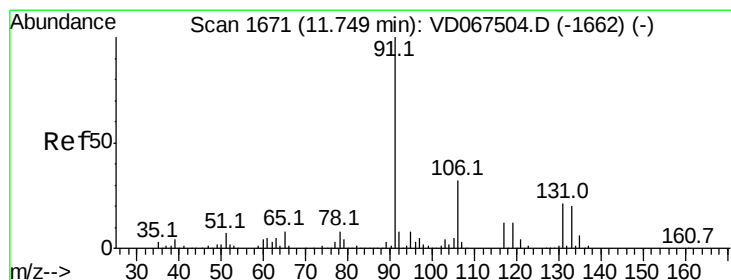
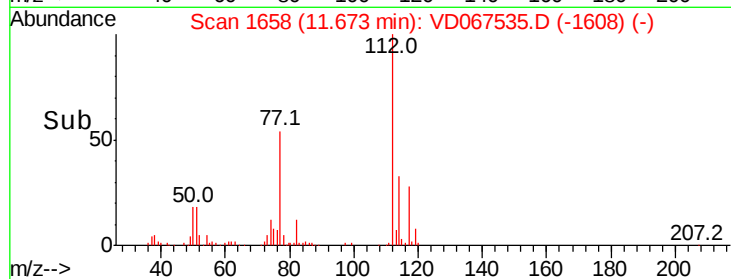
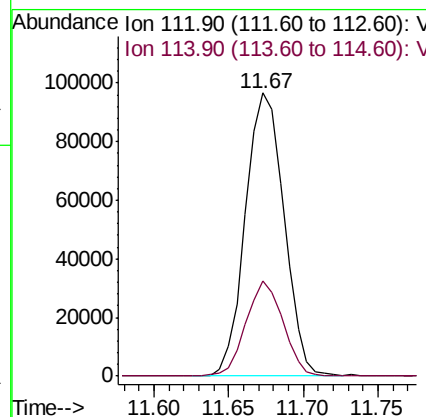
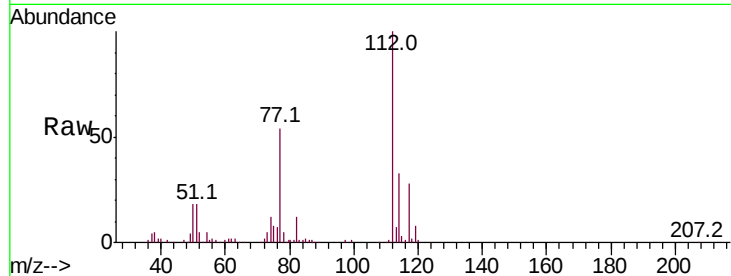




#65
Chlorobenzene
Concen: 20.982 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

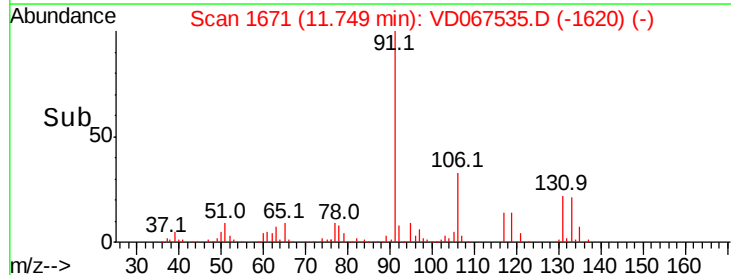
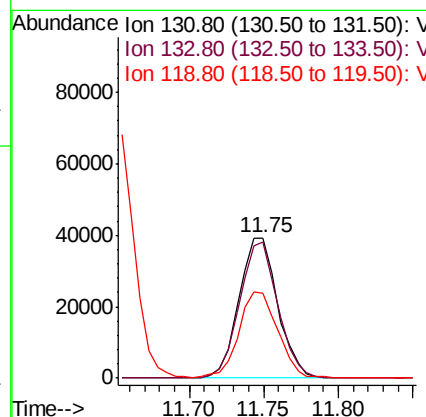
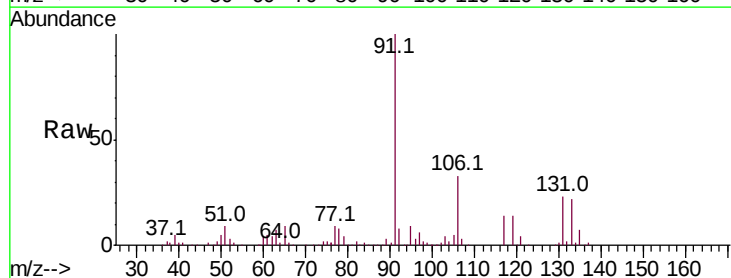
Instrument :
MSVOA_D
ClientSampleId :

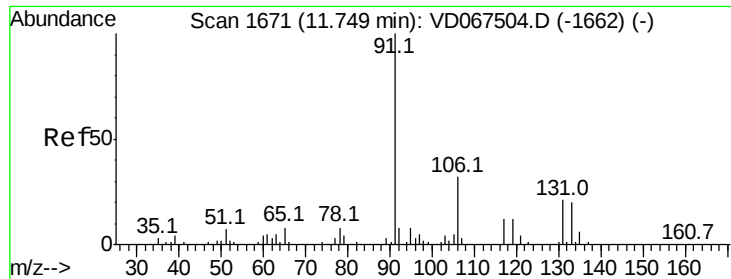
Tot Ion:112 Resp: 173311
Ion Ratio Lower Upper
112 100
114 33.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.679 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion:131 Resp: 70577
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 62.2 30.1 90.5

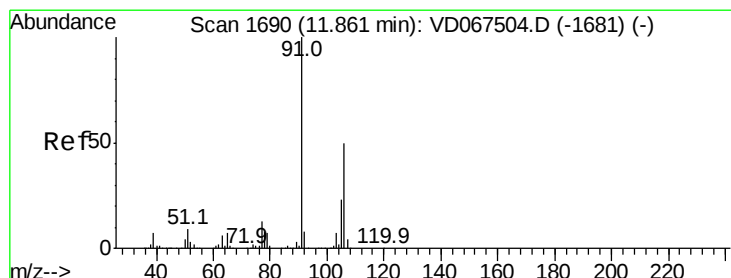
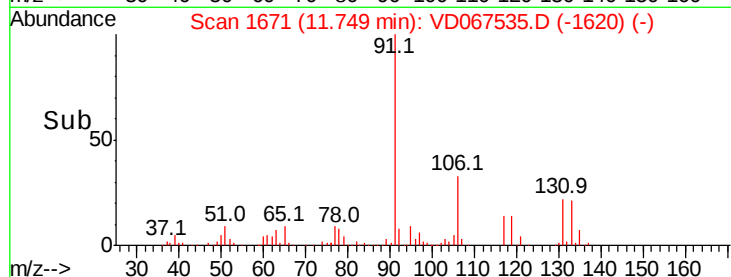
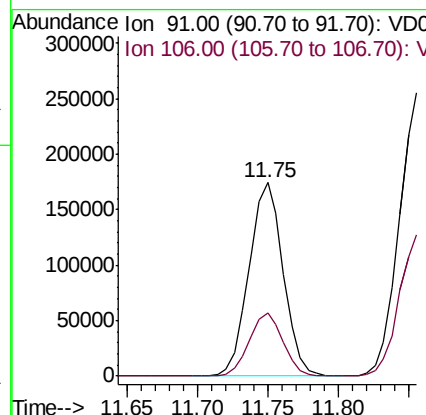
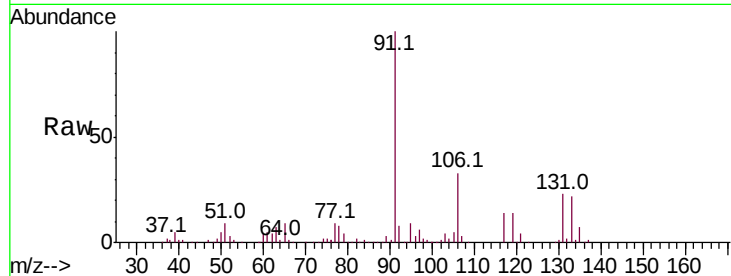




#67
Ethyl Benzene
Concen: 20.941 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

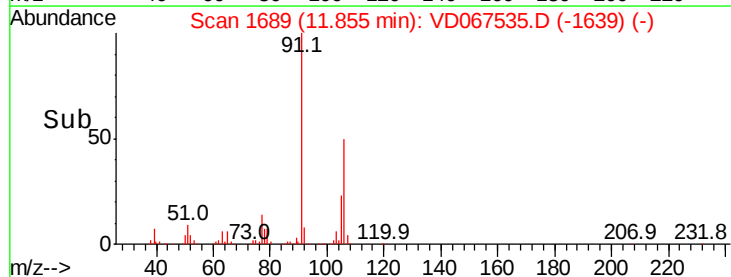
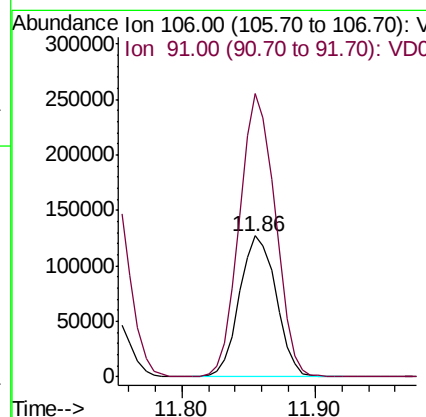
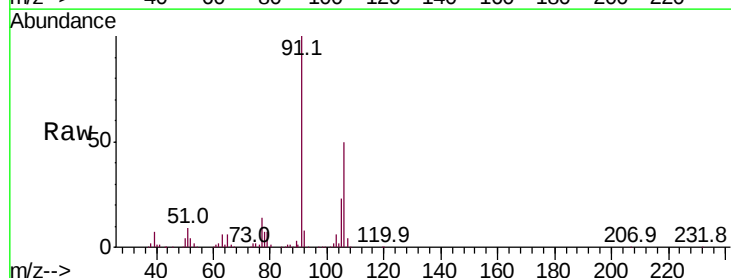
Instrument :
MSVOA_D
ClientSampled :

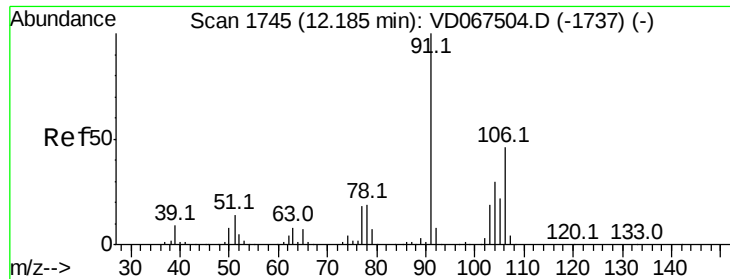
Tot Ion: 91 Resp: 295994
Ion Ratio Lower Upper
91 100
106 33.0 25.7 38.5



#68
m/p-Xylenes
Concen: 43.985 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion:106 Resp: 241872
Ion Ratio Lower Upper
106 100
91 196.8 162.6 244.0

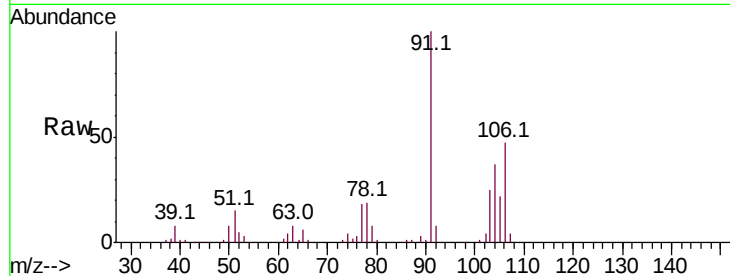




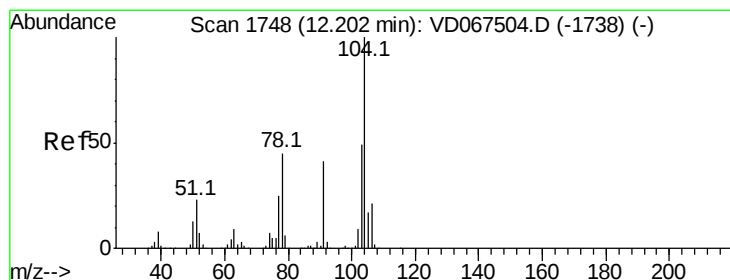
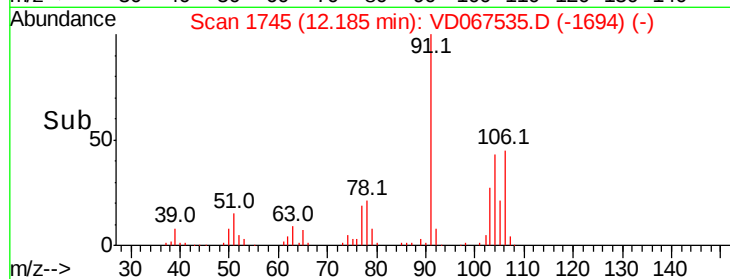
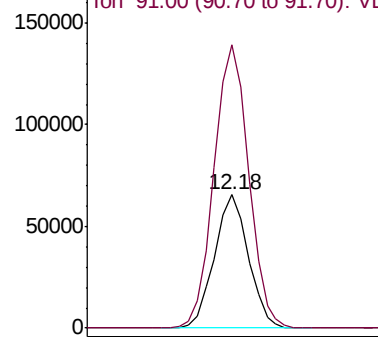
#69
o-Xylene
Concen: 21.103 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 103610
Ion Ratio Lower Upper
106 100
91 216.0 107.1 321.1

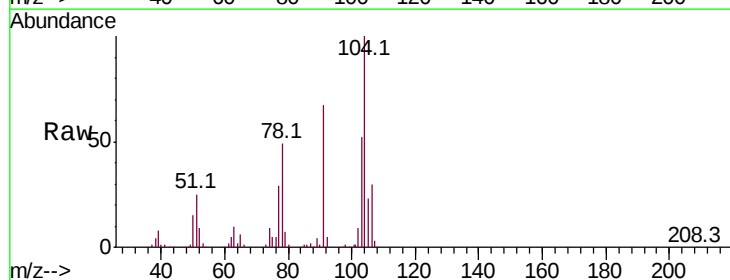


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

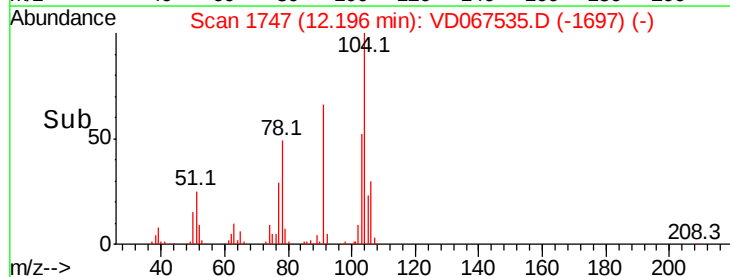
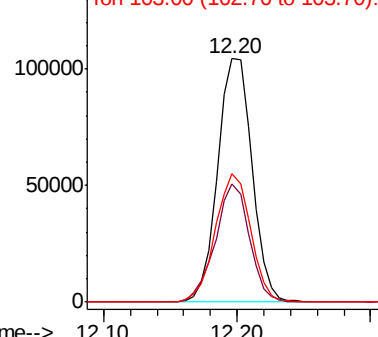


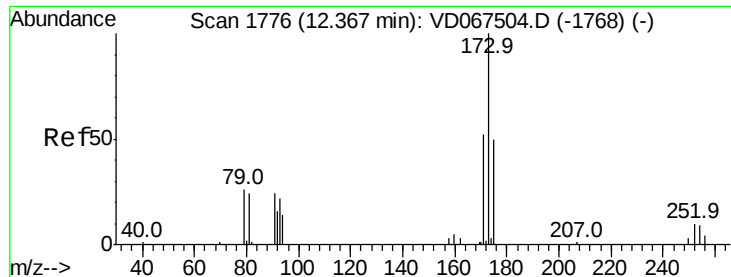
#70
Styrene
Concen: 21.655 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion:104 Resp: 185258
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.8
103 54.2 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.968 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

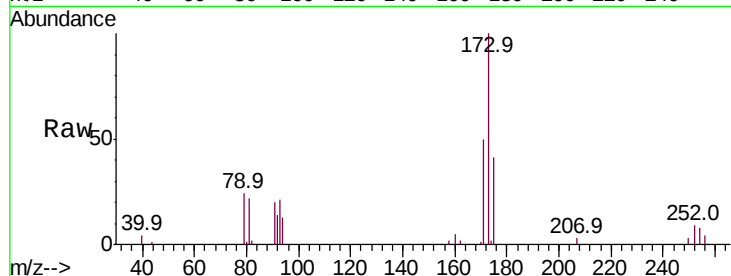
Tot Ion:173 Resp: 36475

Ion Ratio Lower Upper

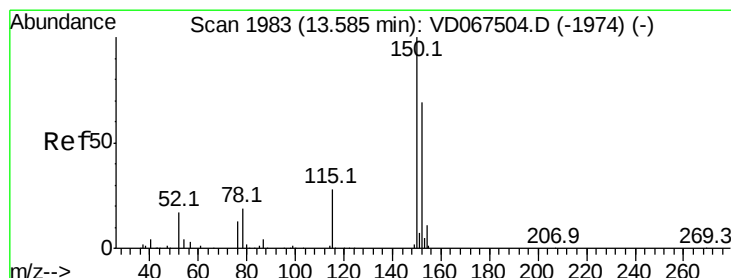
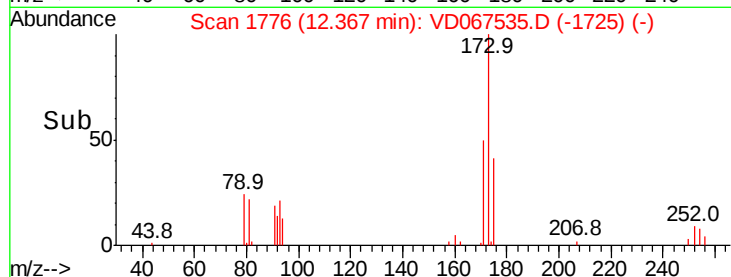
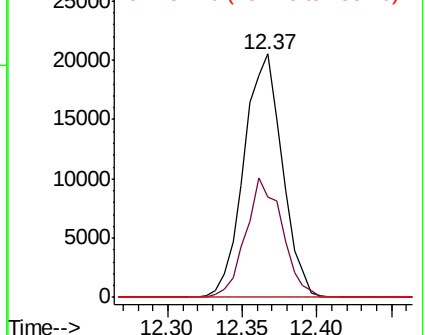
173 100

175 46.6 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: VD067535.D

Acq: 05 Nov 2020 10:58

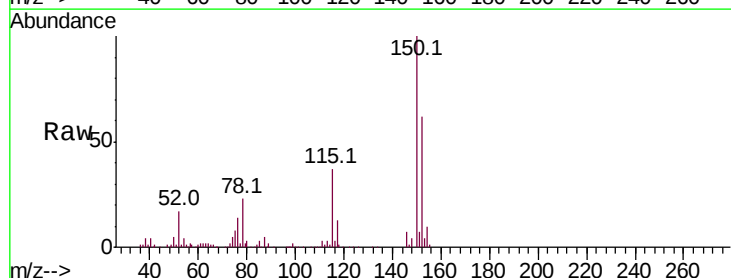
Tgt Ion:152 Resp: 218459

Ion Ratio Lower Upper

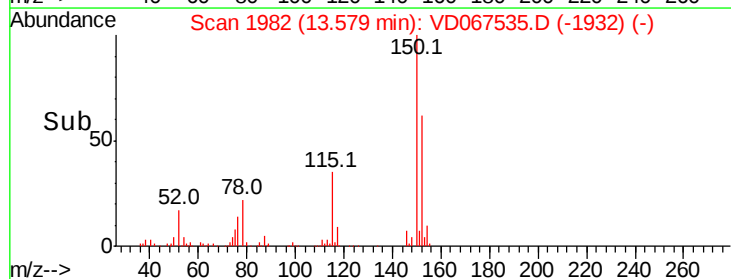
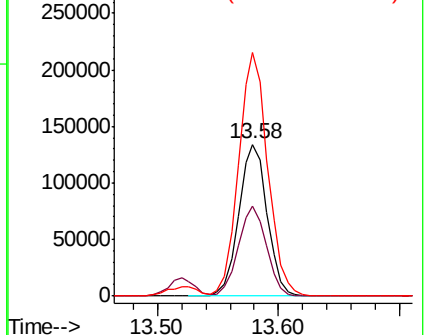
152 100

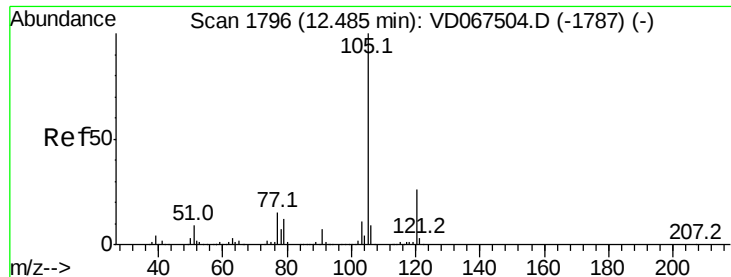
115 59.0 29.3 88.0

150 165.2 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: 20.697 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

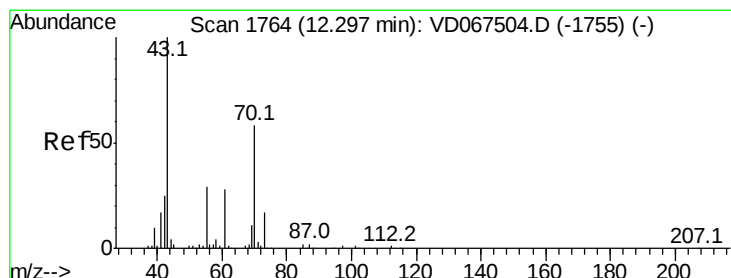
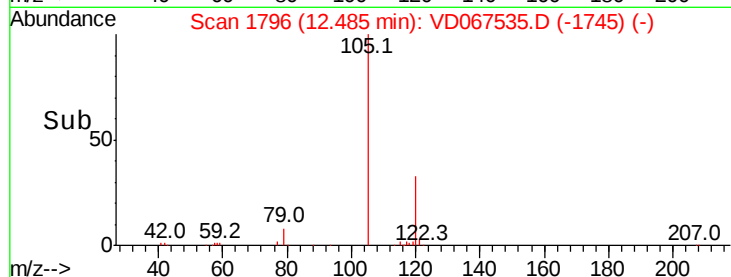
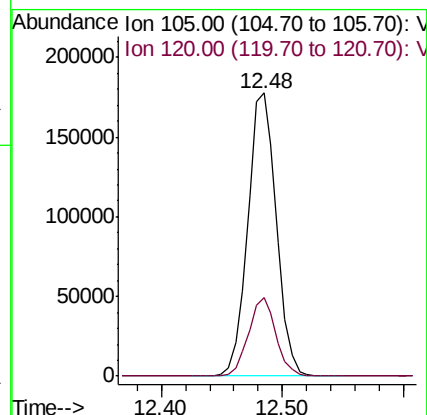
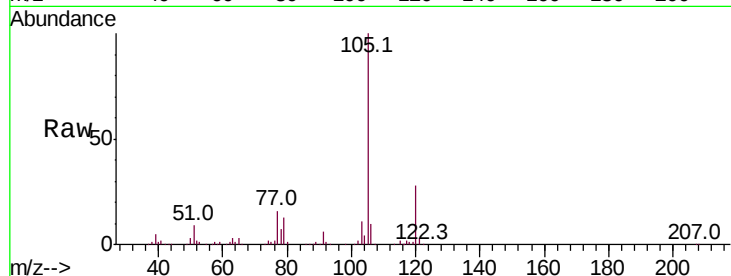
ClientSampleId :

Tot Ion:105 Resp: 292217

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 19.912 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion: 43 Resp: 36993

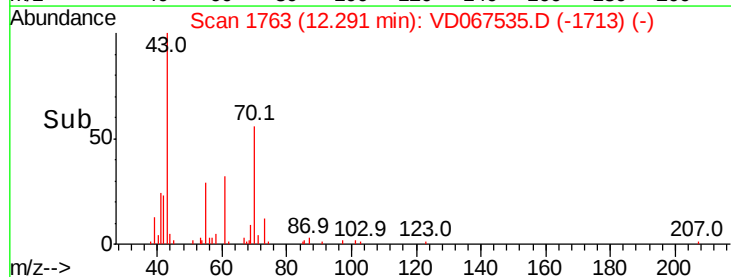
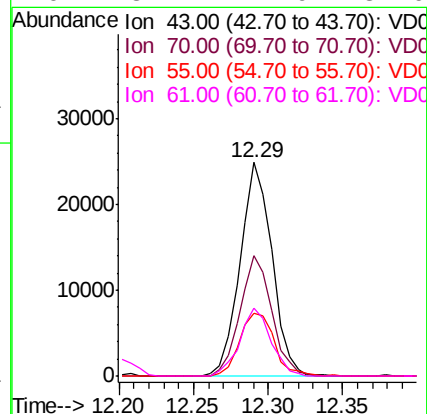
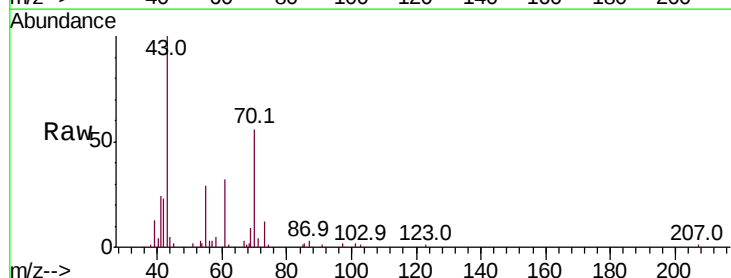
Ion Ratio Lower Upper

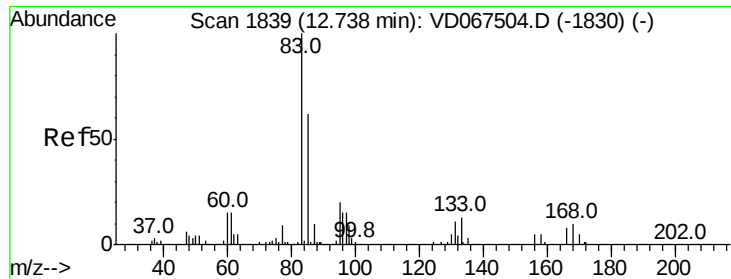
43 100

70 55.6 42.6 64.0

55 31.8 23.7 35.5

61 31.2 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.740 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

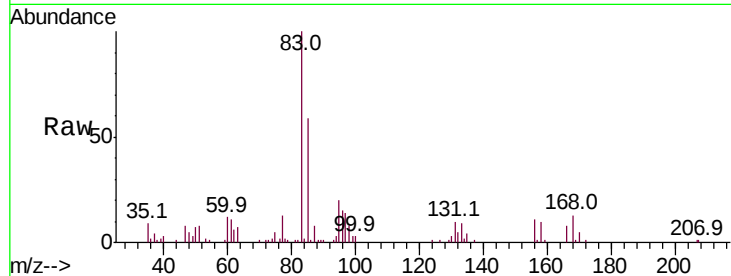
Tot Ion: 83 Resp: 39929

Ion Ratio Lower Upper

83 100

131 13.9 7.1 21.3

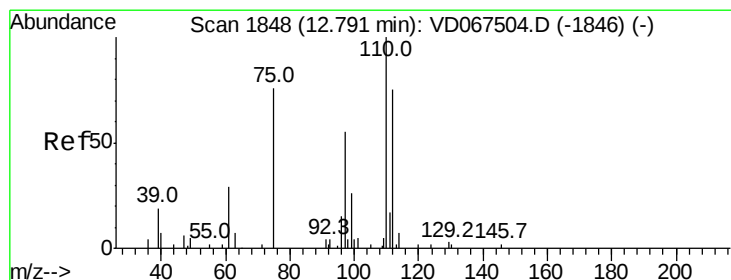
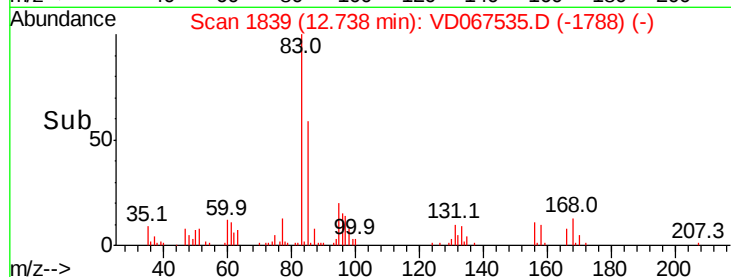
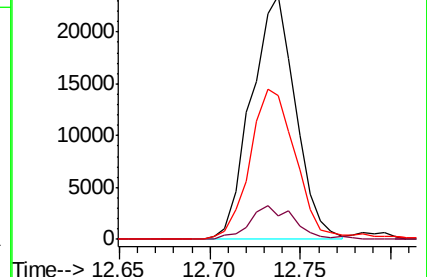
85 64.7 32.9 98.7



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: 43.507 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067535.D

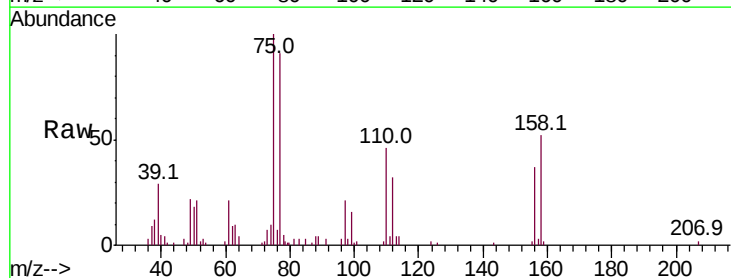
Acq: 05 Nov 2020 10:58

Tgt Ion: 75 Resp: 57337

Ion Ratio Lower Upper

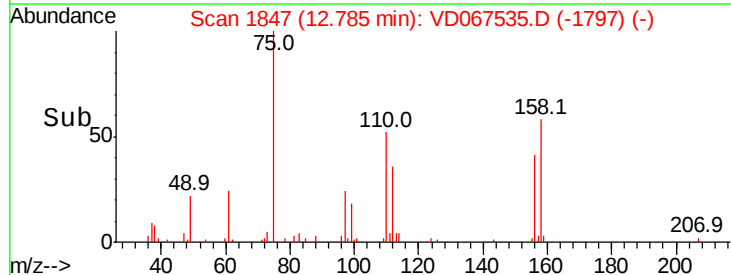
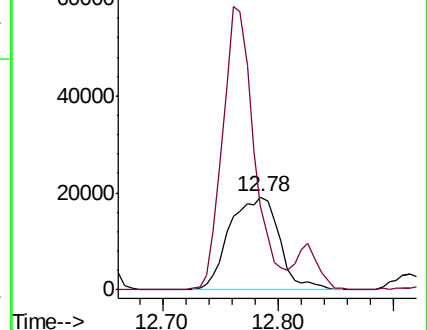
75 100

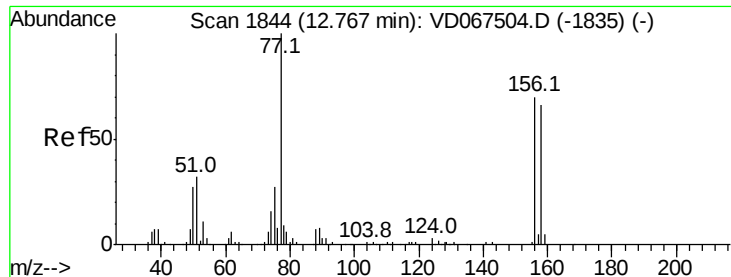
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.075 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

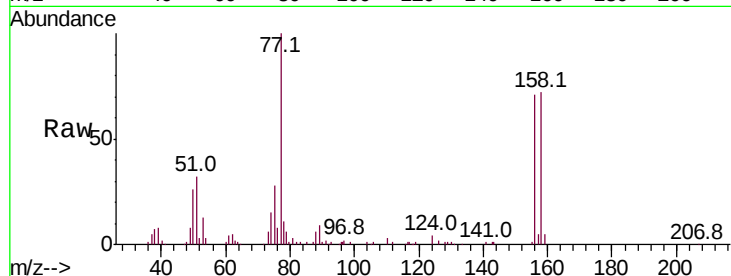
Tot Ion:156 Resp: 69608

Ion Ratio Lower Upper

156 100

77 160.5 77.8 233.5

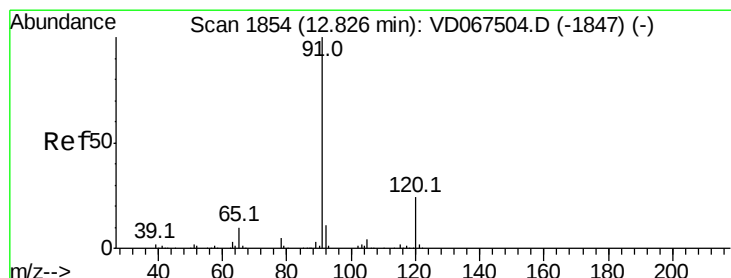
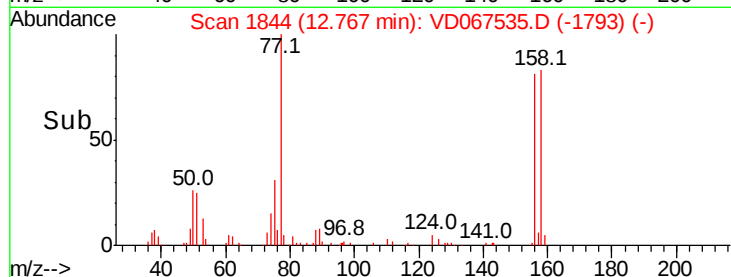
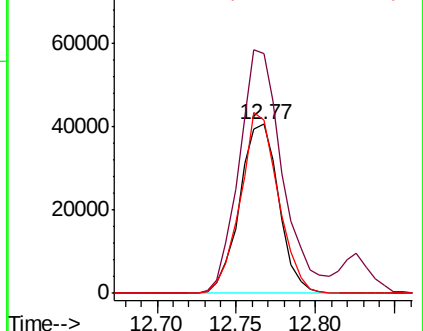
158 103.4 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.293 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067535.D

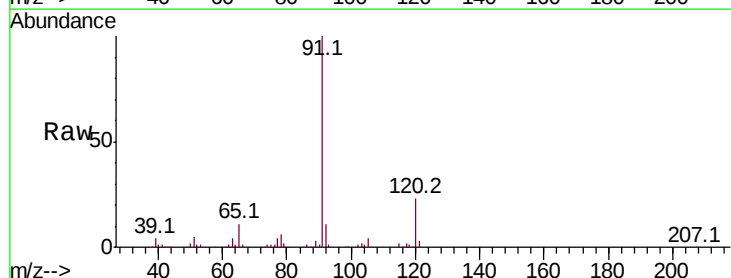
Acq: 05 Nov 2020 10:58

Tgt Ion: 91 Resp: 343870

Ion Ratio Lower Upper

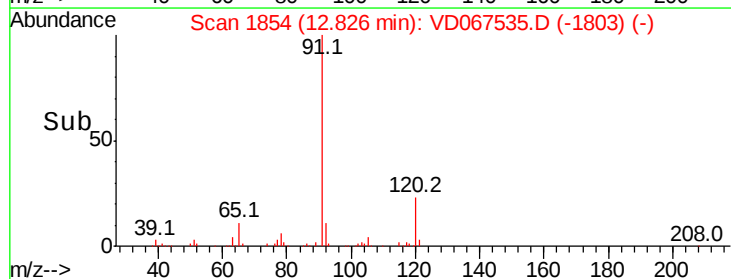
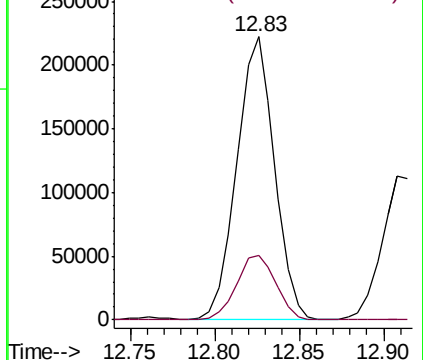
91 100

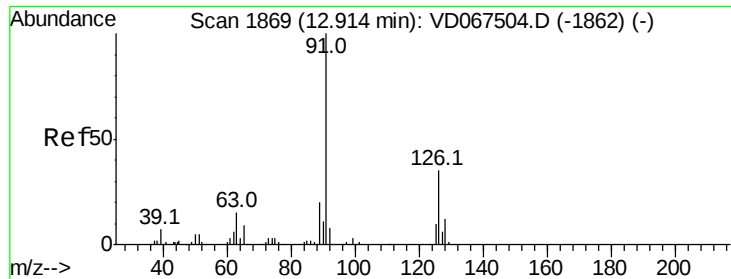
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

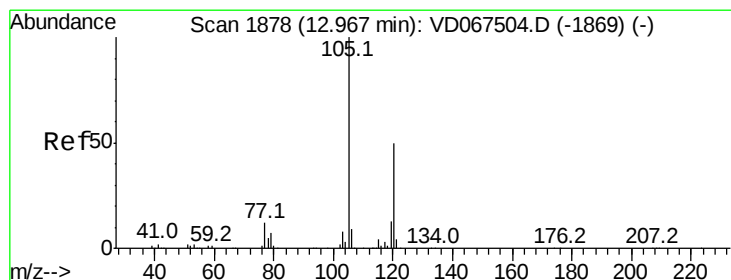
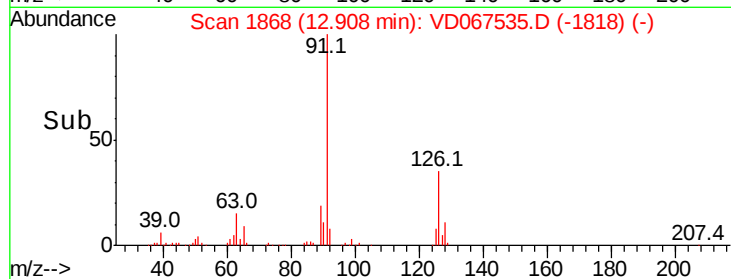
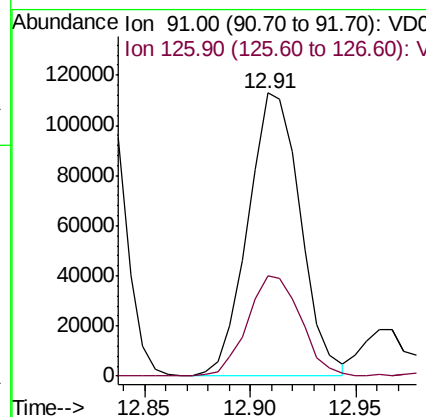
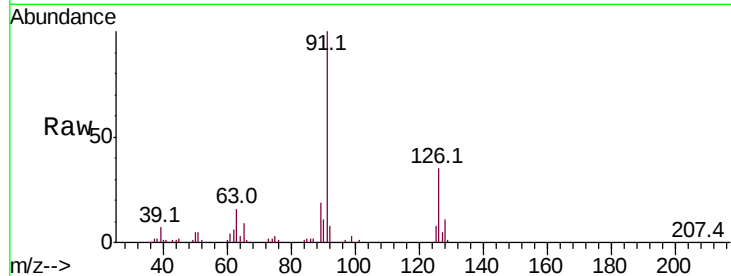




#79
 2-Chlorotoluene
 Concen: 21.191 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

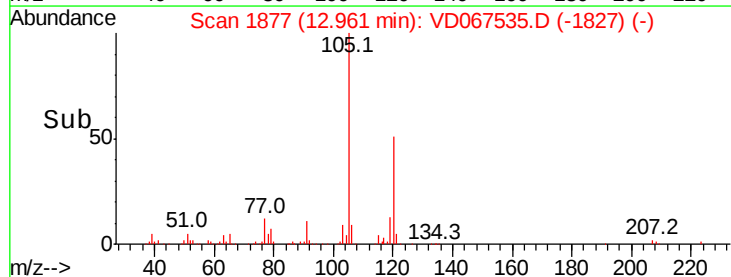
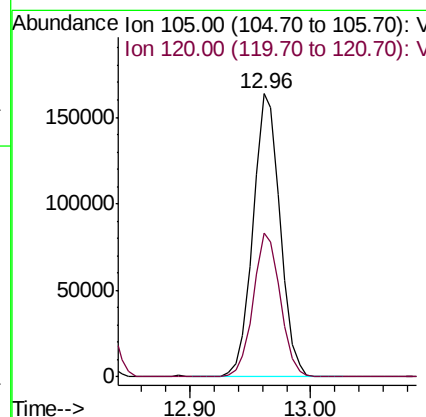
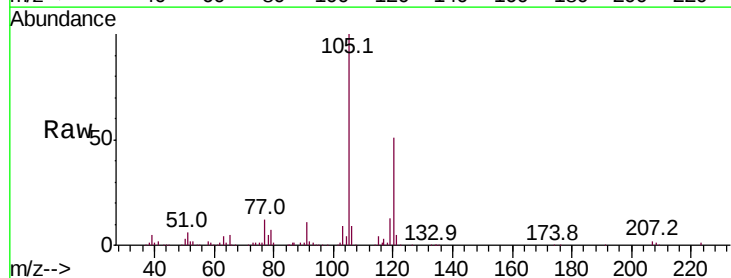
Instrument :
 MSVOA_D
 ClientSampleId :

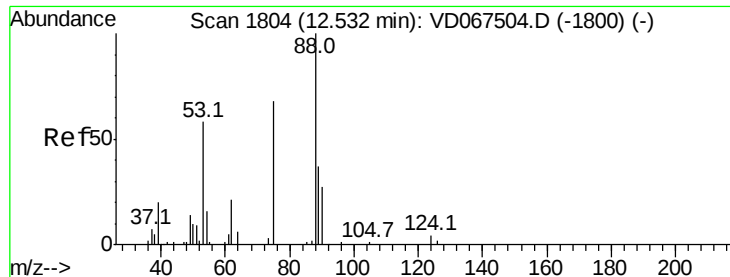
Tot Ion: 91 Resp: 194395
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.193 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion: 105 Resp: 255610
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.993 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

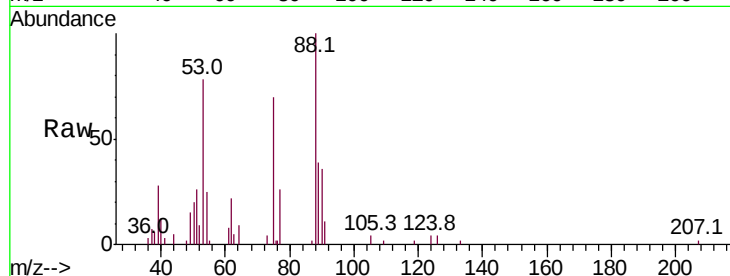
Tot Ion: 75 Resp: 12978

Ion Ratio Lower Upper

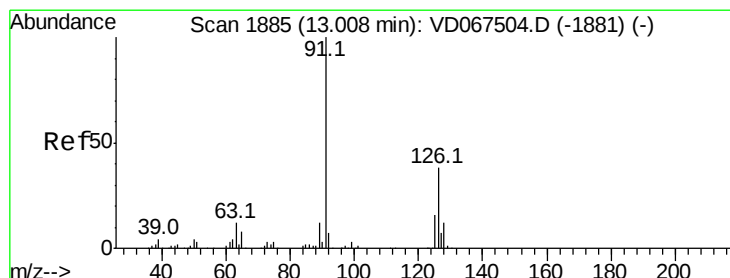
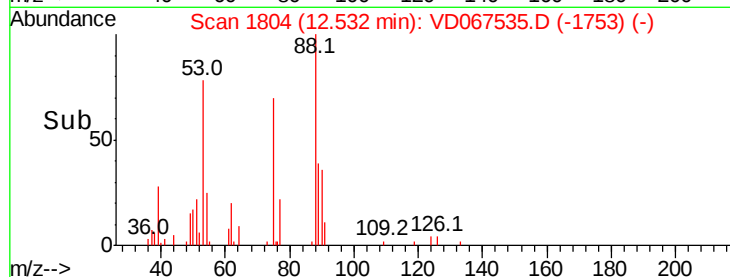
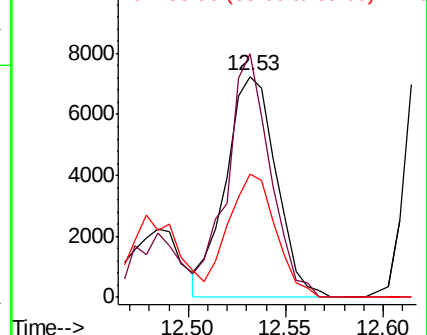
75 100

53 94.1 75.9 113.9

89 52.6 44.6 67.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.311 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067535.D

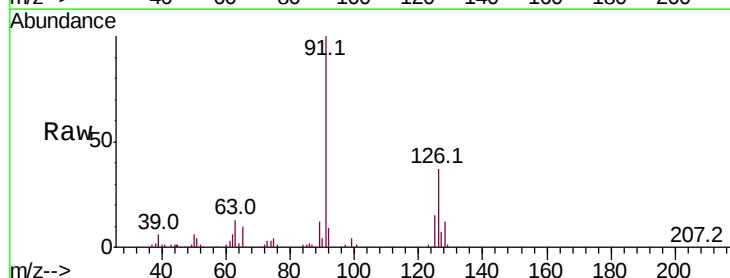
Acq: 05 Nov 2020 10:58

Tgt Ion: 91 Resp: 209669

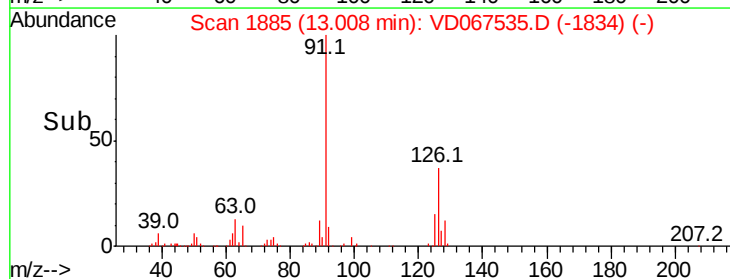
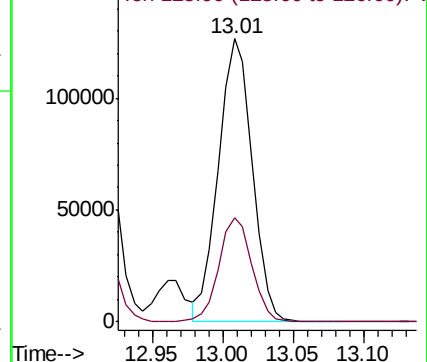
Ion Ratio Lower Upper

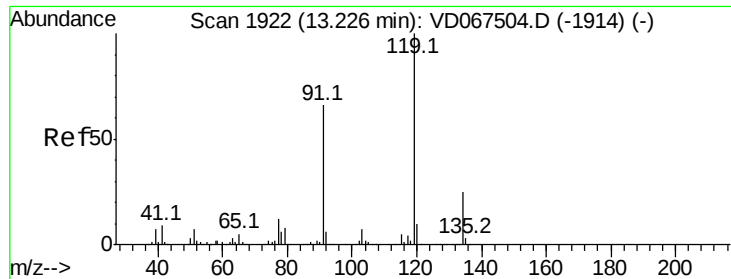
91 100

126 36.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

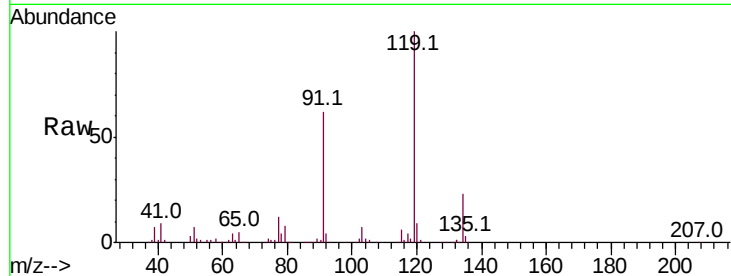




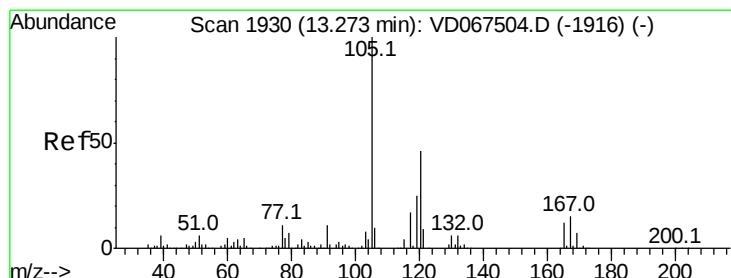
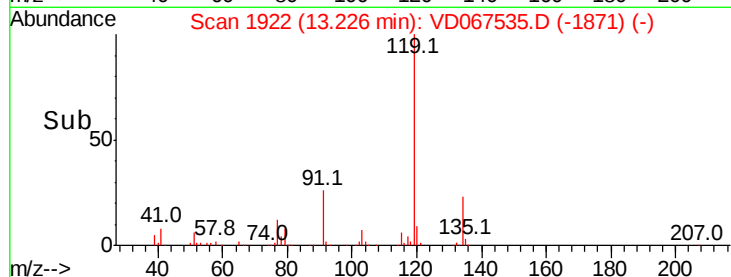
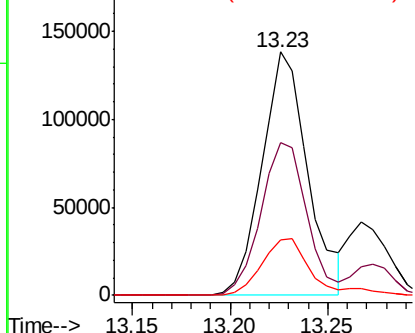
#83
tert-Butylbenzene
Concen: 21.976 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 224633
Ion Ratio Lower Upper
119 100
91 63.1 32.7 98.1
134 25.7 13.4 40.2

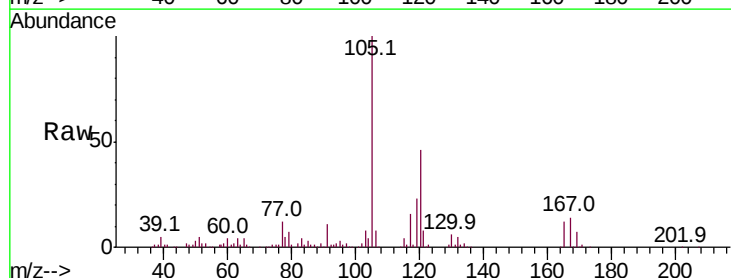


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

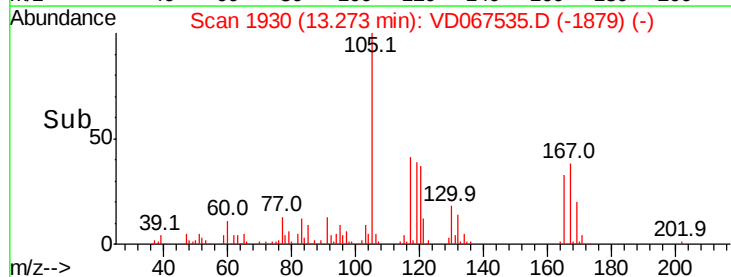
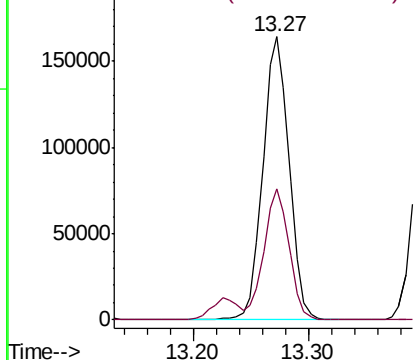


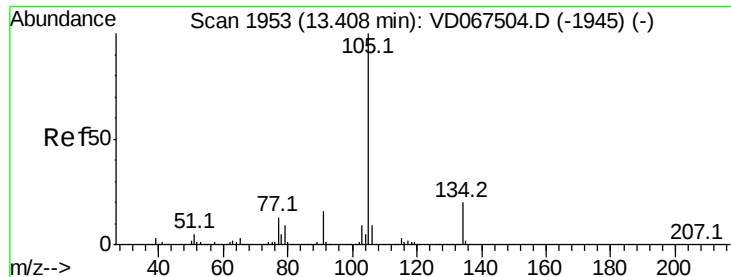
#84
1,2,4-Trimethylbenzene
Concen: 21.739 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion:105 Resp: 260988
Ion Ratio Lower Upper
105 100
120 44.6 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: 21.363 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

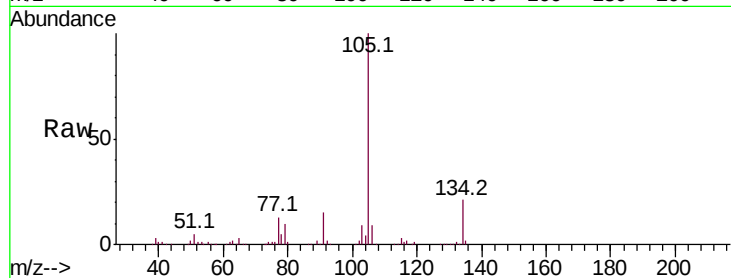
ClientSampled :

Tot Ion:105 Resp: 294788

Ion Ratio Lower Upper

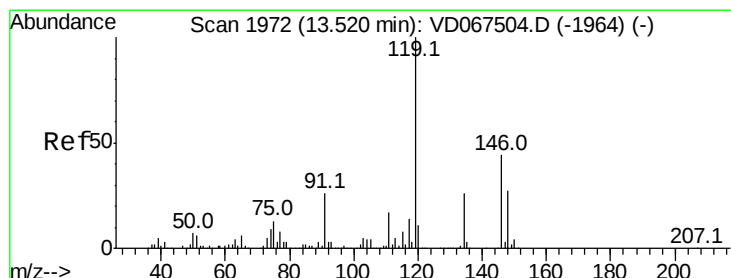
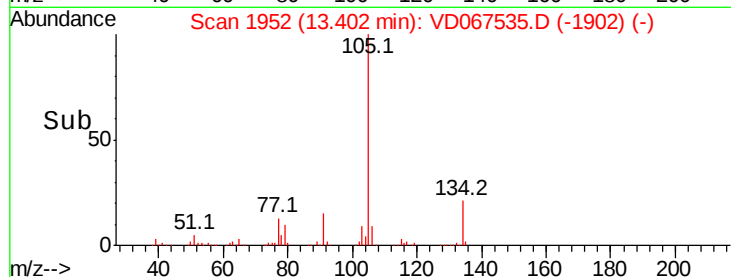
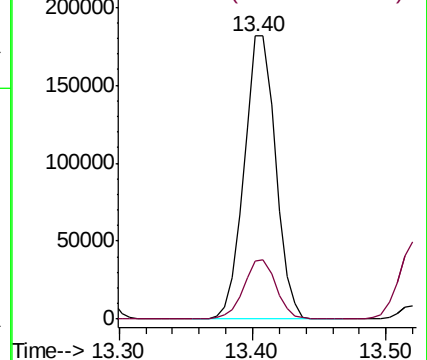
105 100

134 21.5 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: 20.872 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

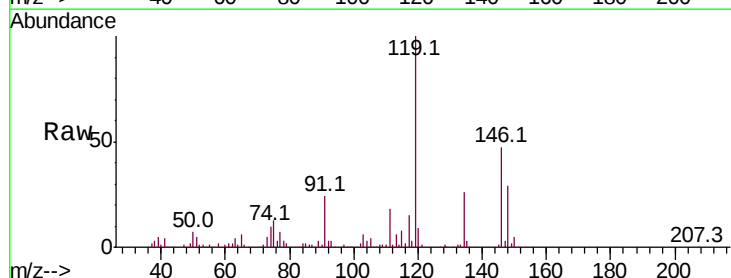
Tgt Ion:119 Resp: 278120

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

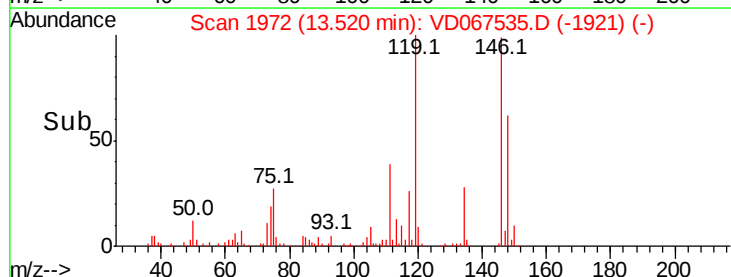
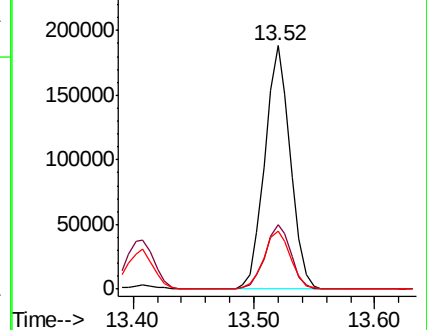
91 25.0 12.2 36.4

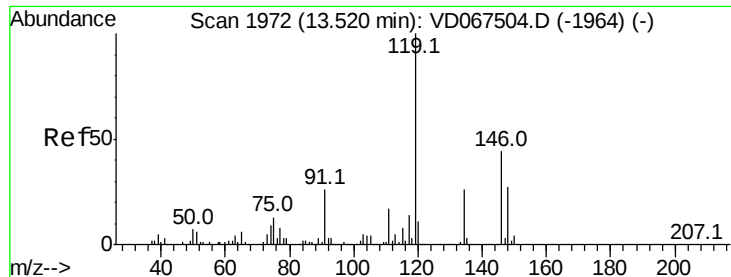


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

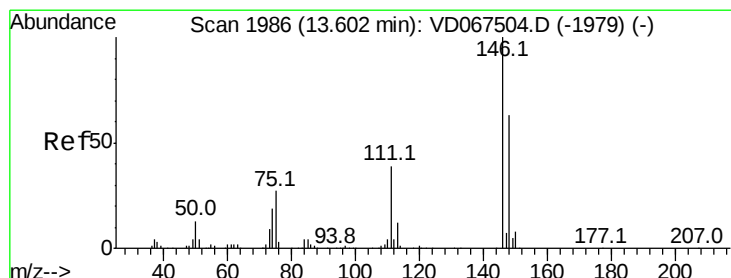
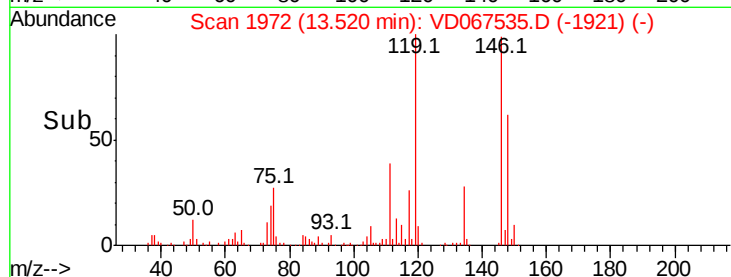
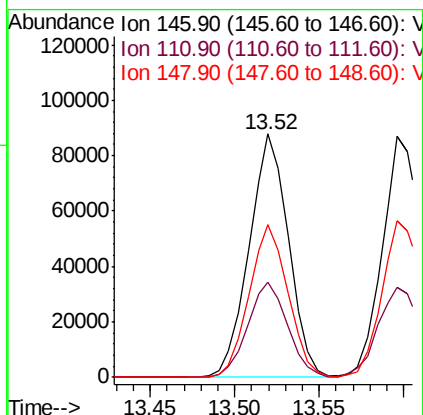
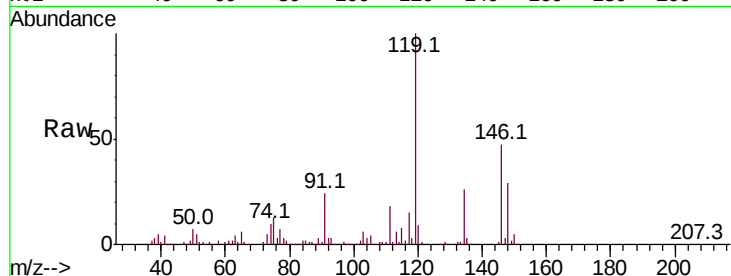




#87
 1,3-Dichlorobenzene
 Concen: 21.552 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

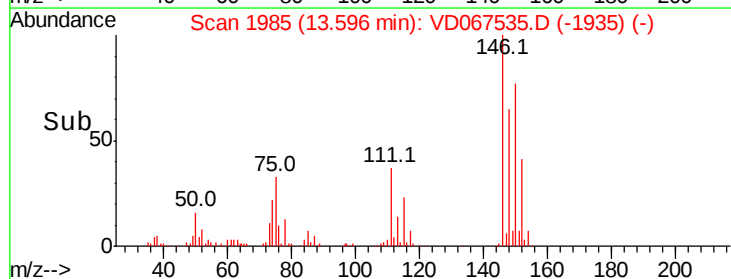
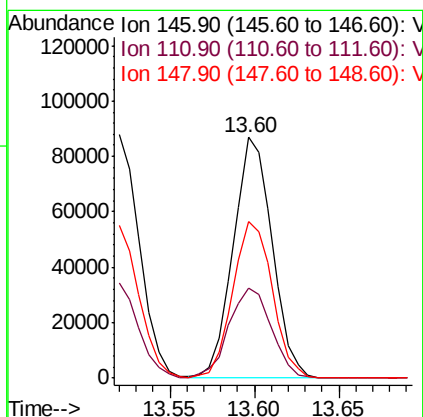
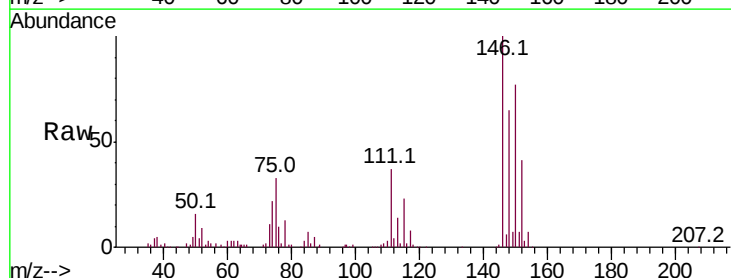
Instrument :
 MSVOA_D
 ClientSampleId :

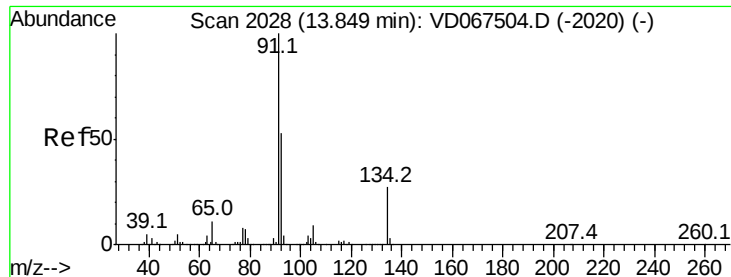
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.8
148	61.8	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.841 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.7
148	66.0	31.8	95.4

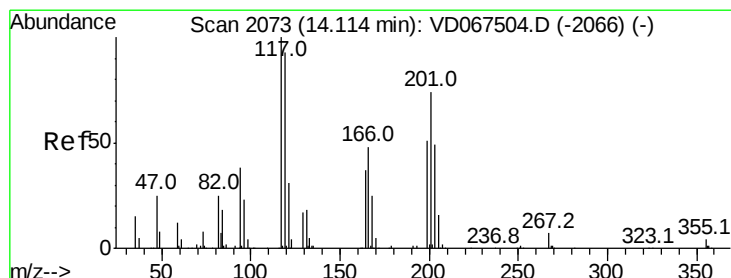
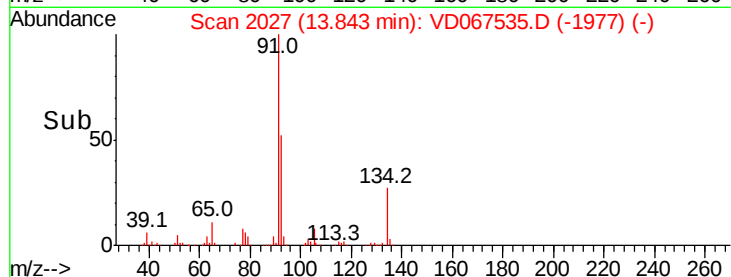
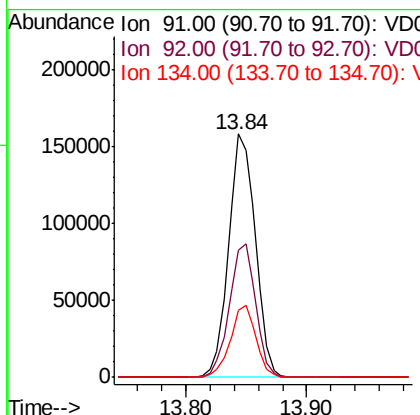
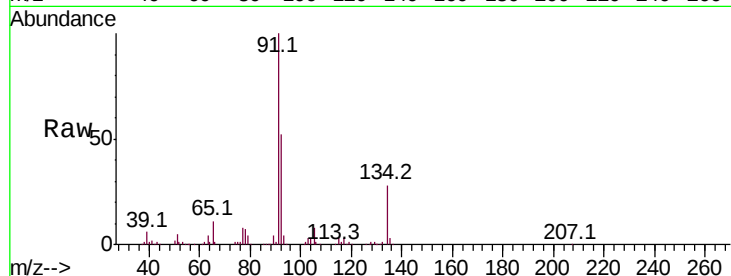




#89
n-Butylbenzene
Concen: 21.136 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

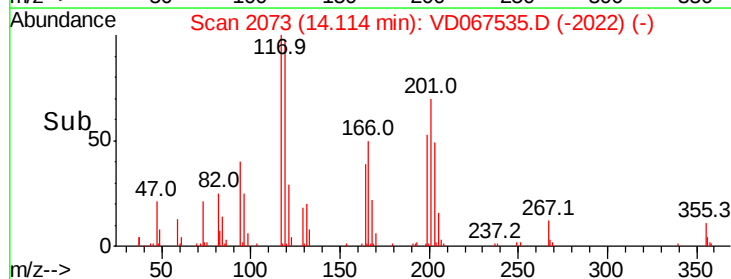
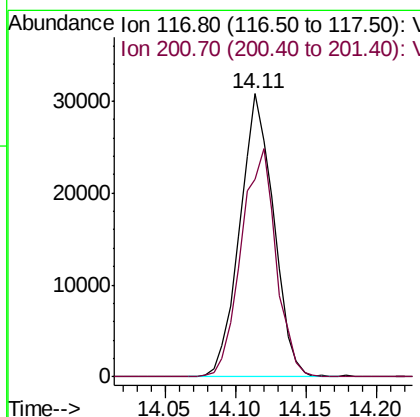
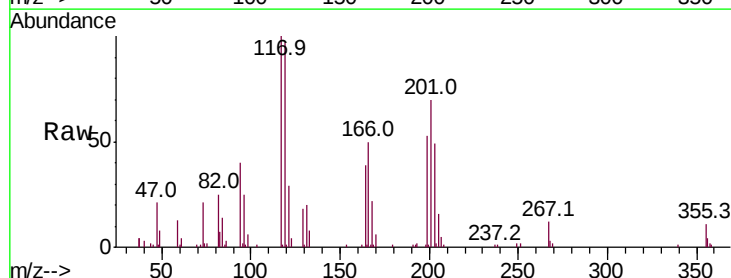
Instrument :
MSVOA_D
ClientSampleId :

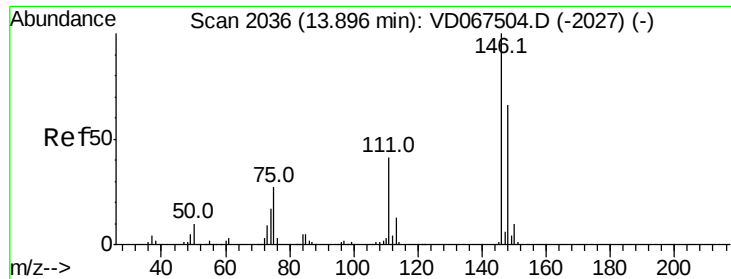
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.6	79.8
134	28.4	14.1	42.2



#90
Hexachloroethane
Concen: 20.534 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.9	40.7	122.1





#91

1,2-Dichlorobenzene

Concen: 20.707 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampled :

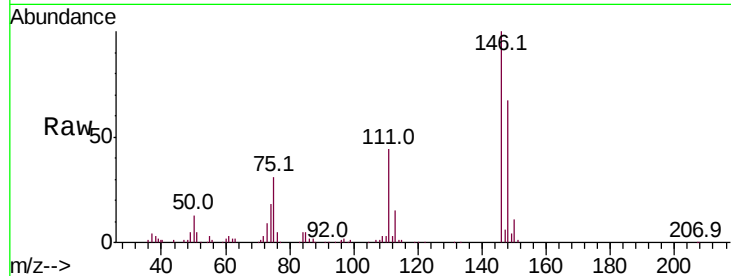
Tot Ion:146 Resp: 118569

Ion Ratio Lower Upper

146 100

111 42.2 20.7 62.1

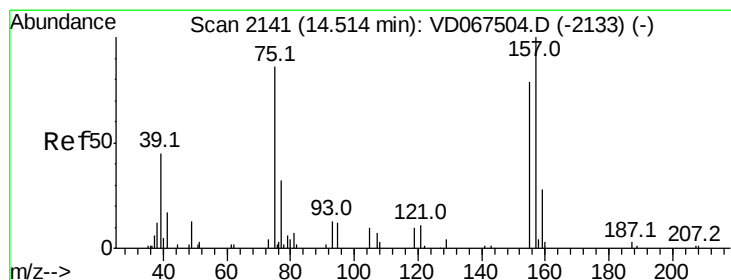
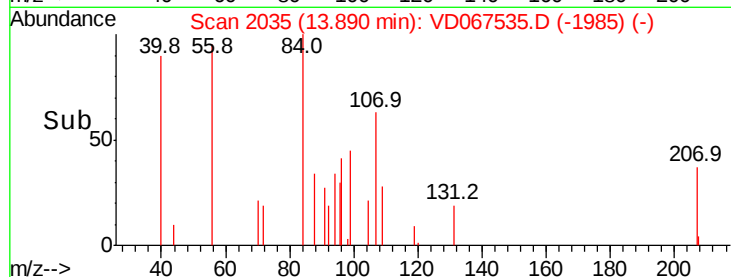
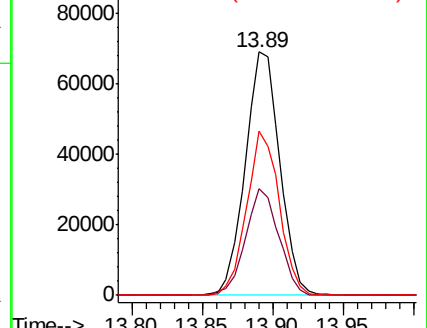
148 63.7 31.5 94.5



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: 21.671 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

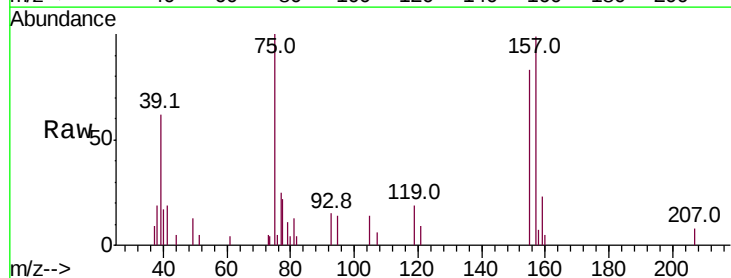
Tgt Ion: 75 Resp: 7387

Ion Ratio Lower Upper

75 100

155 96.3 46.6 139.8

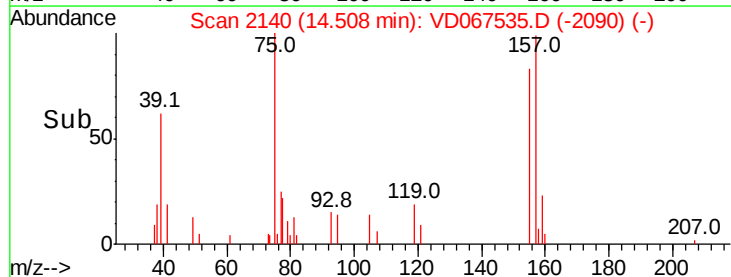
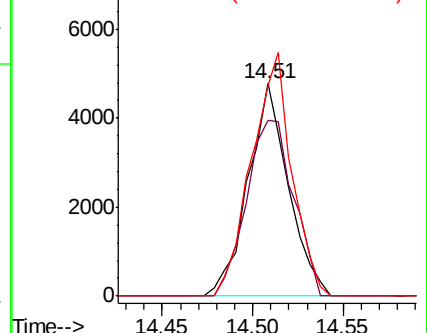
157 114.3 58.1 174.2

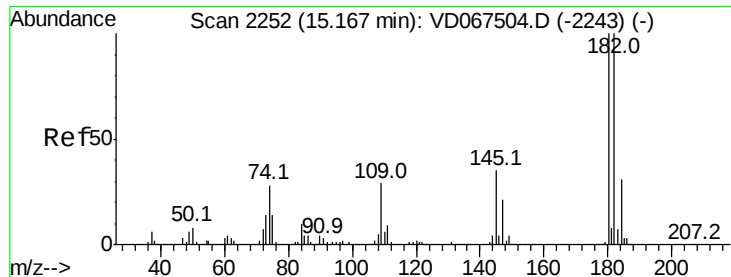


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

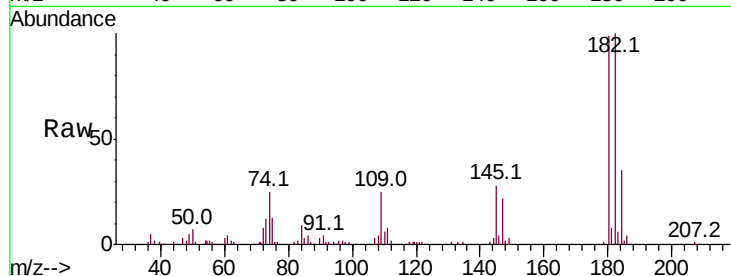




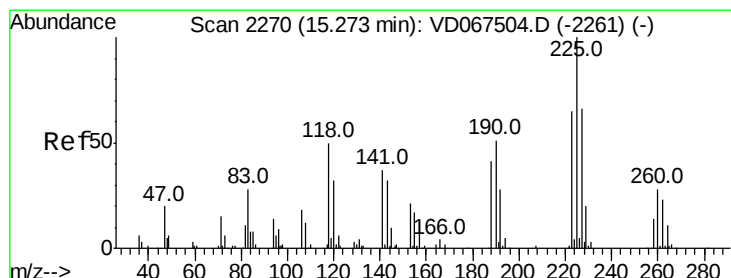
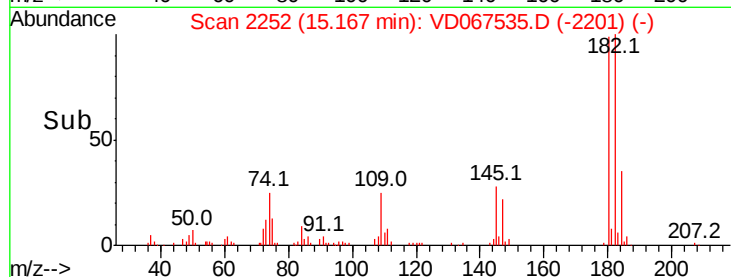
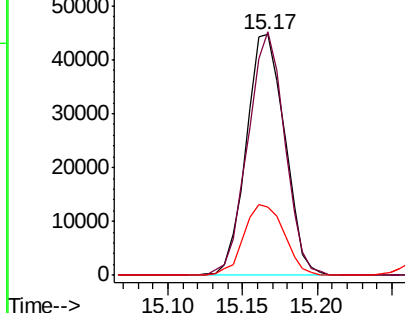
#93
 1,2,4-Trichlorobenzene
 Concen: 20.470 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.4	142.3
145	30.8	16.2	48.6

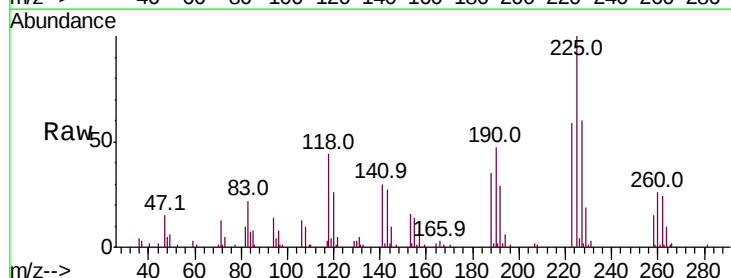


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

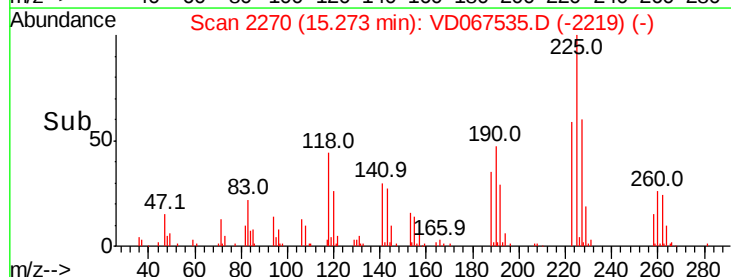
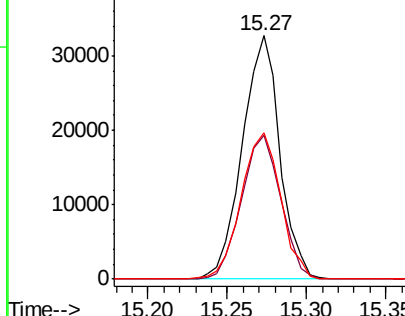


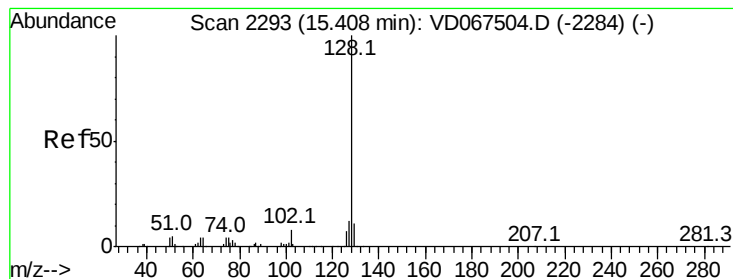
#94
 Hexachlorobutadiene
 Concen: 20.677 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.9	95.5
227	63.4	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.002 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

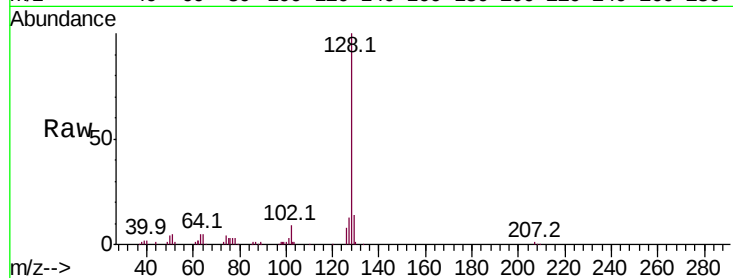
Tot Ion:128 Resp: 119967

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

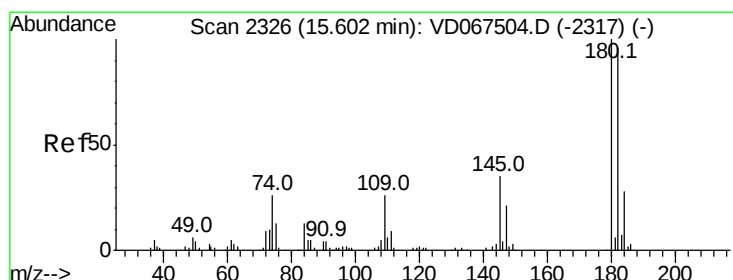
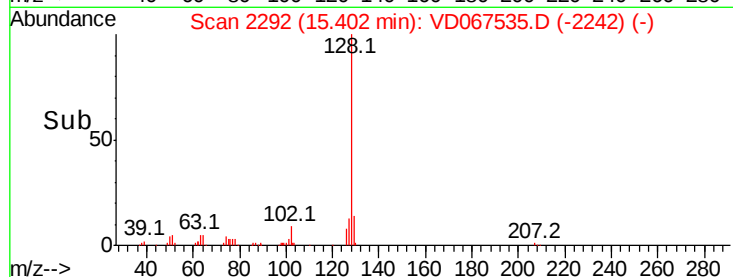
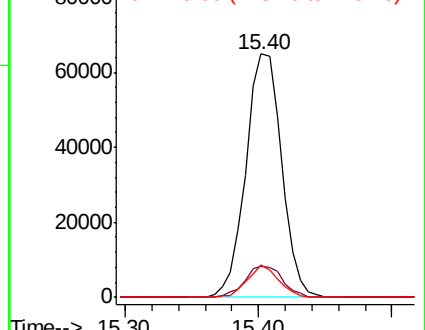
129 11.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.406 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

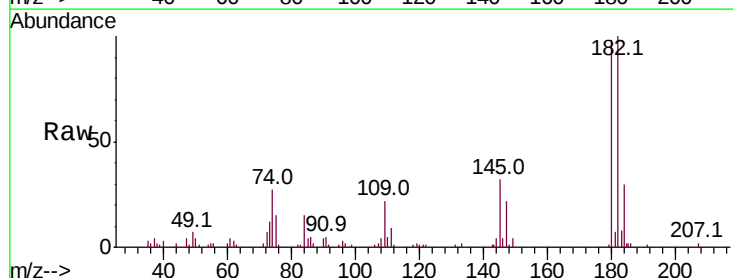
Tgt Ion:180 Resp: 67913

Ion Ratio Lower Upper

180 100

182 97.8 46.9 140.8

145 33.6 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

