

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050620\
 Data File : VD065696.D
 Acq On : 06 May 2020 14:44
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 06 15:59:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 15:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	490881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	756088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	666147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	316138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	46238	9.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.38%	
35) Dibromofluoromethane	7.92	113	46459	8.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.88%	
50) Toluene-d8	10.34	98	179386	9.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.84%	
62) 4-Bromofluorobenzene	12.64	95	64616	10.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	37728	8.837	ug/l	97
3) Chloromethane	2.21	50	48564	9.016	ug/l	96
4) Vinyl Chloride	2.35	62	47672	9.395	ug/l	100
5) Bromomethane	2.77	94	32635	9.191	ug/l	98
6) Chloroethane	2.92	64	32368	10.249	ug/l	92
7) Trichlorofluoromethane	3.27	101	80446	10.271	ug/l	98
8) Diethyl Ether	3.71	74	25105	14.360	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	48139	9.559	ug/l	98
10) Methyl Iodide	4.30	142	40184	8.314	ug/l	99
11) Tert butyl alcohol	5.22	59	24194	91.985	ug/l #	84
12) 1,1-Dichloroethene	4.07	96	46773	9.962	ug/l	95
13) Acrolein	3.93	56	21772	64.392	ug/l	99
14) Allyl chloride	4.72	41	96619	13.158	ug/l	99
15) Acrylonitrile	5.43	53	59032	59.743	ug/l	98
16) Acetone	4.16	43	52429	57.919	ug/l	93
17) Carbon Disulfide	4.41	76	155391	9.980	ug/l	99
18) Methyl Acetate	4.72	43	24174	9.646	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	114459	12.110	ug/l	99
20) Methylene Chloride	4.97	84	55373	10.000	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	53683	10.192	ug/l	98
22) Diisopropyl ether	6.36	45	176292	12.620	ug/l	97
23) Vinyl Acetate	6.31	43	525512	68.819	ug/l	99
24) 1,1-Dichloroethane	6.27	63	98658	10.964	ug/l	99
25) 2-Butanone	7.22	43	77843	63.023	ug/l	95
26) 2,2-Dichloropropane	7.21	77	89419	11.085	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	57925	10.583	ug/l	96
28) Bromochloromethane	7.56	49	38172	10.345	ug/l	98
29) Tetrahydrofuran	7.57	42	49008	63.316	ug/l	98
30) Chloroform	7.71	83	92603	9.980	ug/l	98
31) Cyclohexane	7.99	56	103988	12.261	ug/l #	94
32) 1,1,1-Trichloroethane	7.91	97	87367	10.384	ug/l	98
36) 1,1-Dichloropropene	8.11	75	78470	10.276	ug/l	98
37) Ethyl Acetate	7.30	43	38705	12.871	ug/l #	96
38) Carbon Tetrachloride	8.10	117	76651	9.378	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	97659	11.247	ug/l	98
40) Benzene	8.36	78	213554	9.868	ug/l	99
41) Methacrylonitrile	7.53	41	23121	13.850	ug/l	90
42) 1,2-Dichloroethane	8.43	62	62109	10.140	ug/l	96
43) Isopropyl Acetate	8.46	43	74512	13.317	ug/l	100
44) Trichloroethene	9.11	130	58533	9.458	ug/l	93
45) 1,2-Dichloropropane	9.40	63	55512	10.389	ug/l	93
46) Dibromomethane	9.48	93	27518	9.642	ug/l	97
47) Bromodichloromethane	9.67	83	73998	9.920	ug/l	98
48) Methyl methacrylate	9.46	41	37161	14.054	ug/l	96
49) 1,4-Dioxane	9.47	88	6726	215.642	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	178162	62.743	ug/l	100
52) Toluene	10.41	92	132206	9.710	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	73966	10.941	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	86549	10.543	ug/l	96
55) 1,1,2-Trichloroethane	10.81	97	36128	9.058	ug/l	91
56) Ethyl methacrylate	10.67	69	53836	12.772	ug/l	97
57) 1,3-Dichloropropane	10.95	76	67732	10.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	118198	54.429	ug/l	97
59) 2-Hexanone	10.99	43	123592	65.118	ug/l	98
60) Dibromochloromethane	11.14	129	50088	9.496	ug/l	99
61) 1,2-Dibromoethane	11.25	107	36231	9.484	ug/l	96
64) Tetrachloroethene	10.88	164	50049	9.755	ug/l	96
65) Chlorobenzene	11.68	112	138487	9.855	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	51409	9.620	ug/l	98
67) Ethyl Benzene	11.75	91	260845	11.125	ug/l	98
68) m/p-Xylenes	11.86	106	196673	21.556	ug/l	99
69) o-Xylene	12.18	106	91354	11.453	ug/l	97
70) Styrene	12.20	104	156694	11.217	ug/l	99
71) Bromoform	12.37	173	29192	9.655	ug/l #	100
73) Isopropylbenzene	12.48	105	249931	12.347	ug/l	99
74) N-amyl acetate	12.30	43	71888	16.035	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	42500	11.323	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	56047	21.866	ug/l #	100
77) Bromobenzene	12.77	156	56445	10.372	ug/l	99
78) n-propylbenzene	12.83	91	295195	12.094	ug/l	100
79) 2-Chlorotoluene	12.91	91	166089	11.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	204688	12.015	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	15620	13.585	ug/l	96
82) 4-Chlorotoluene	13.01	91	174704	11.630	ug/l	99
83) tert-Butylbenzene	13.23	119	174224	12.290	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	204449	12.131	ug/l	99
85) sec-Butylbenzene	13.41	105	242989	11.955	ug/l	100
86) p-Isopropyltoluene	13.53	119	223538	12.017	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	108506	10.344	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	105691	10.095	ug/l	97
89) n-Butylbenzene	13.86	91	216651	12.657	ug/l	99
90) Hexachloroethane	14.12	117	44718	10.962	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	93348	10.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	6587	11.039	ug/l	92

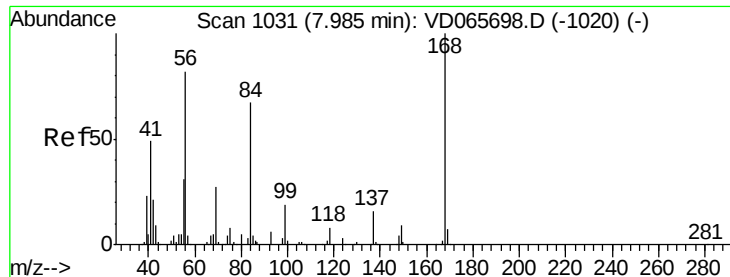
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	67976	11.315	ug/l	97
94) Hexachlorobutadiene	15.28	225	39586	9.756	ug/l	98
95) Naphthalene	15.41	128	120442	13.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	58366	11.272	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

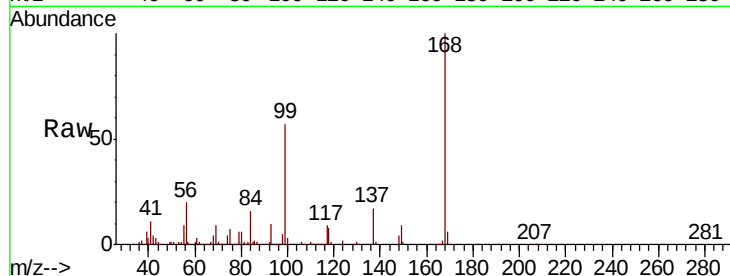
ClientSampled :

Tot Ion:168 Resp: 490881

Ion Ratio Lower Upper

168 100

99 56.6 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

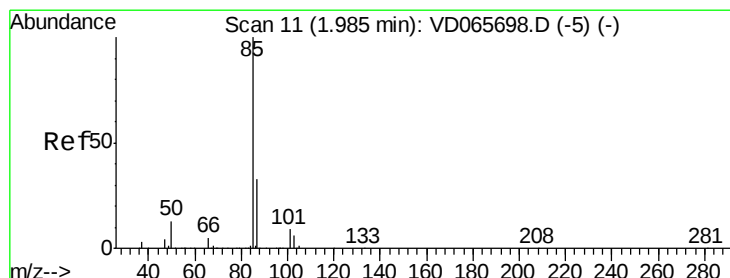
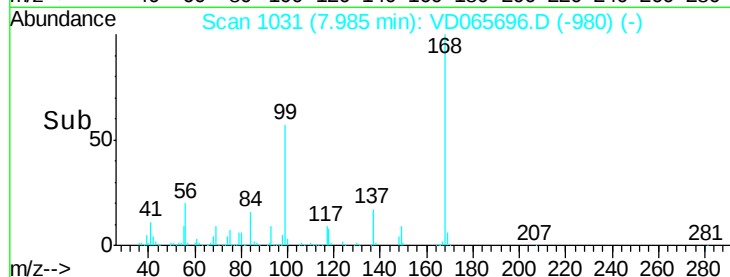
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 8.837 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065696.D

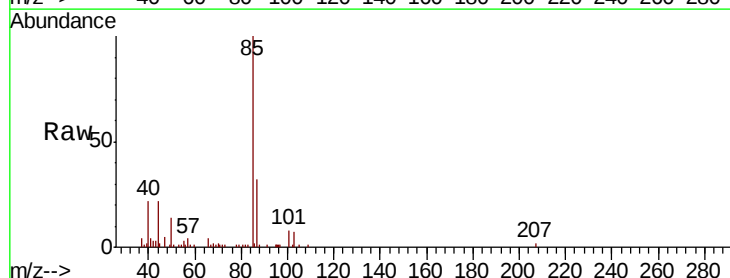
Acq: 06 May 2020 14:44

Tgt Ion: 85 Resp: 37728

Ion Ratio Lower Upper

85 100

87 31.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

25000

20000

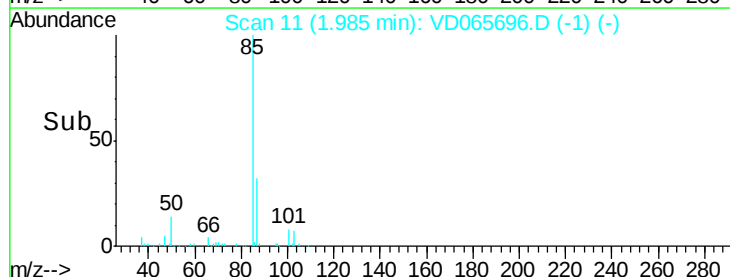
15000

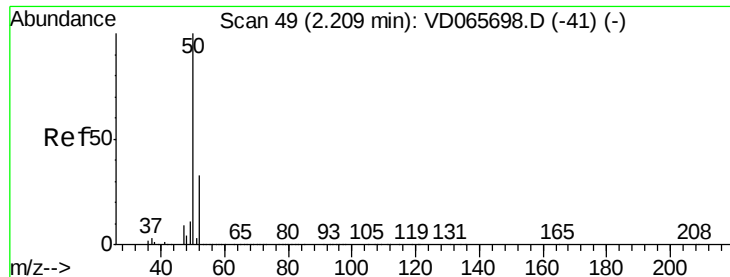
10000

5000

0

Time-->





#3

Chloromethane

Concen: 9.016 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

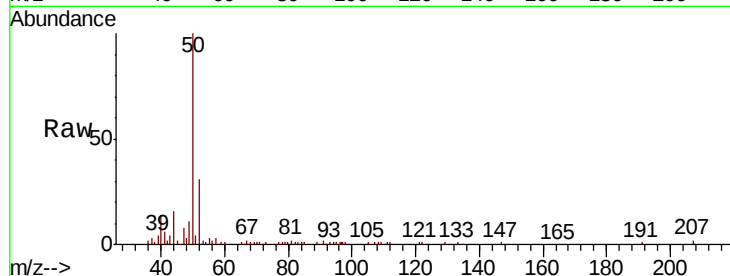
ClientSampleId :

Tot Ion: 50 Resp: 48564

Ion Ratio Lower Upper

50 100

52 30.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

40000

30000

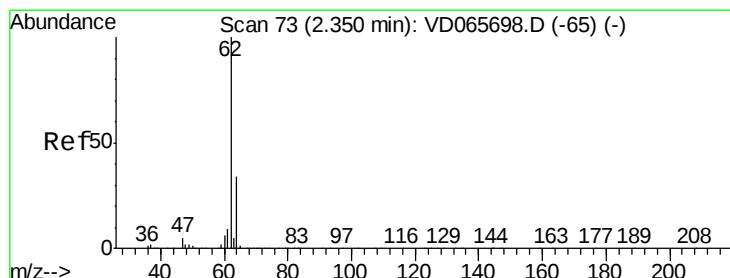
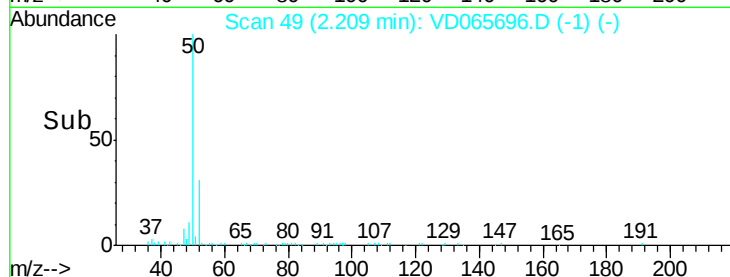
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 9.395 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065696.D

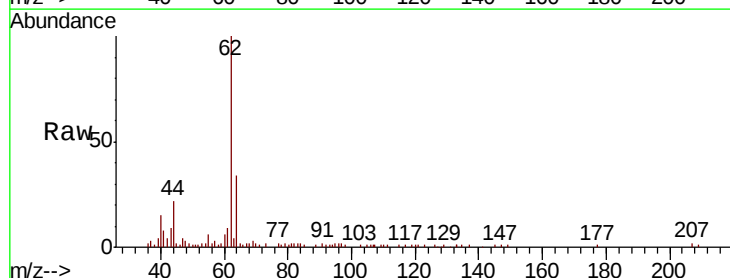
Acq: 06 May 2020 14:44

Tgt Ion: 62 Resp: 47672

Ion Ratio Lower Upper

62 100

64 34.2 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

30000

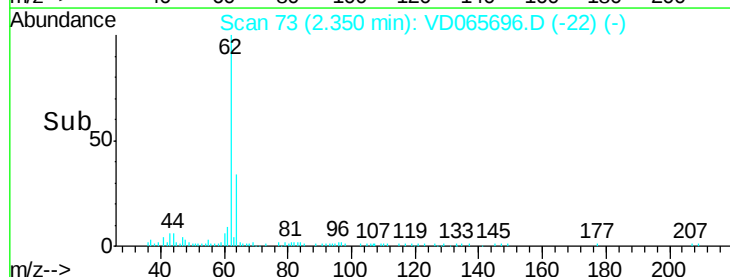
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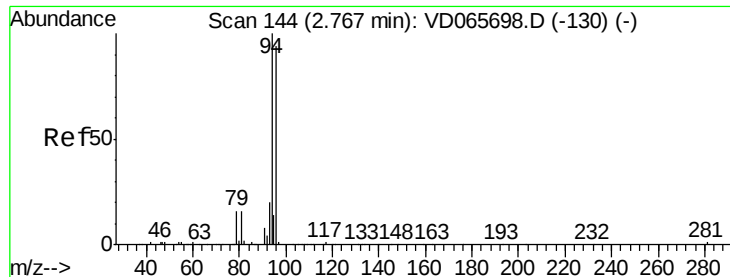
10000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 9.191 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

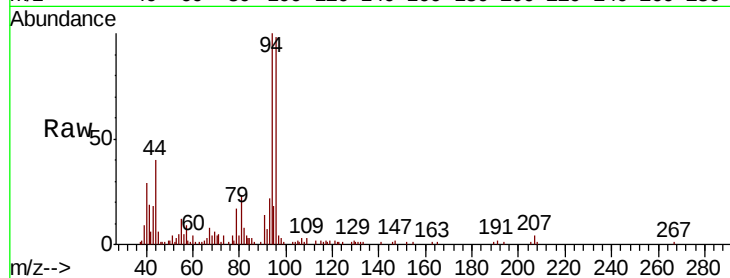
ClientSampleId :

Tot Ion: 94 Resp: 32635

Ion Ratio Lower Upper

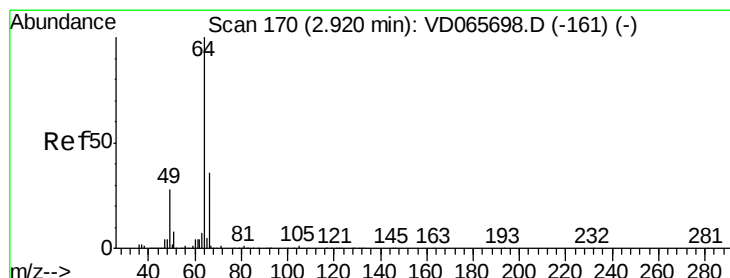
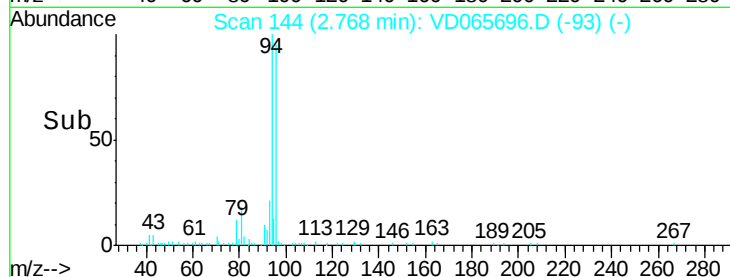
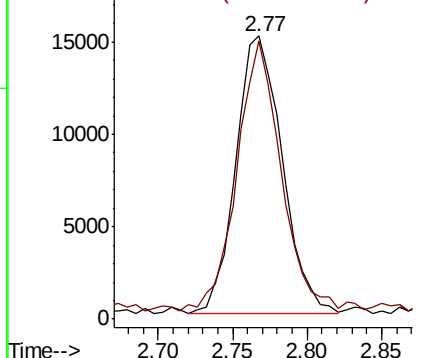
94 100

96 96.1 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 10.249 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065696.D

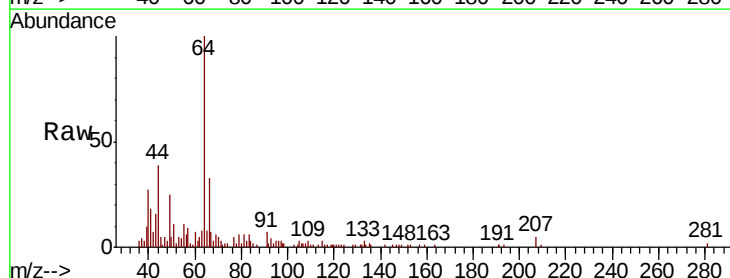
Acq: 06 May 2020 14:44

Tgt Ion: 64 Resp: 32368

Ion Ratio Lower Upper

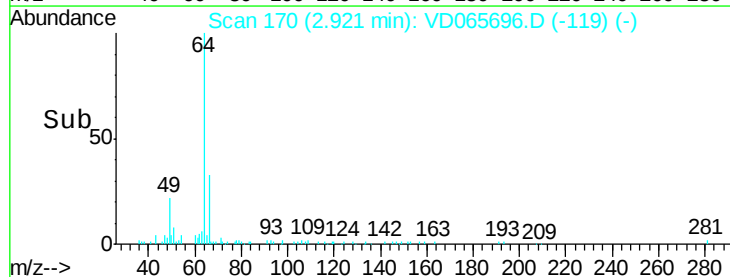
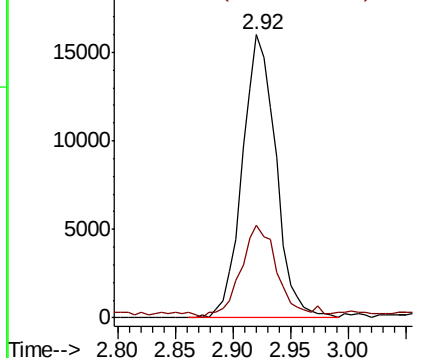
64 100

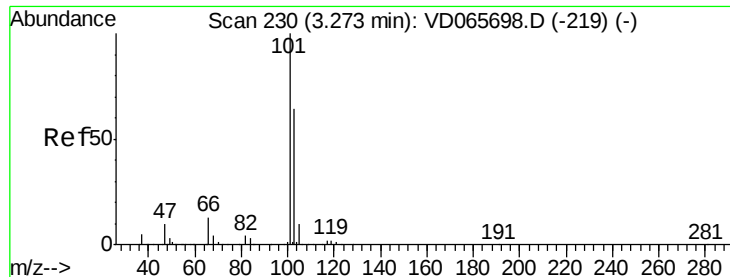
66 30.7 28.5 42.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



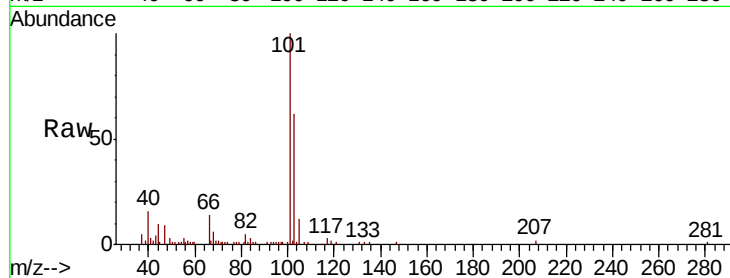


#7

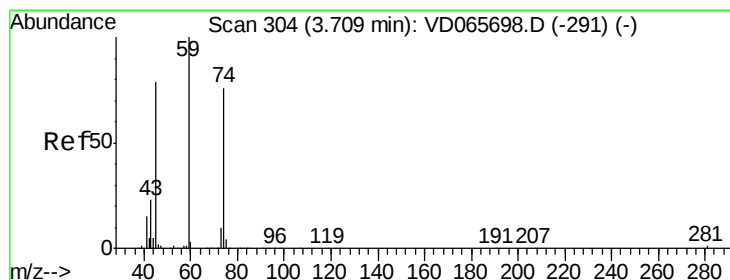
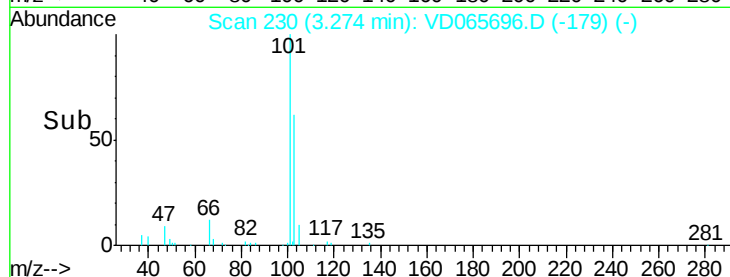
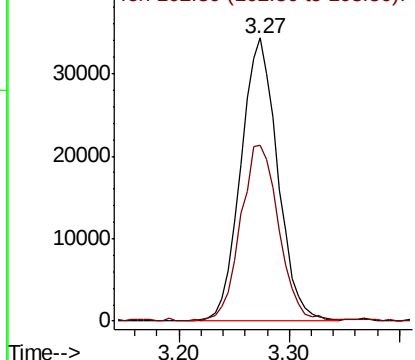
Trichlorofluoromethane
Concen: 10.271 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:101 Resp: 80446
Ion Ratio Lower Upper
101 100
103 62.2 51.1 76.7



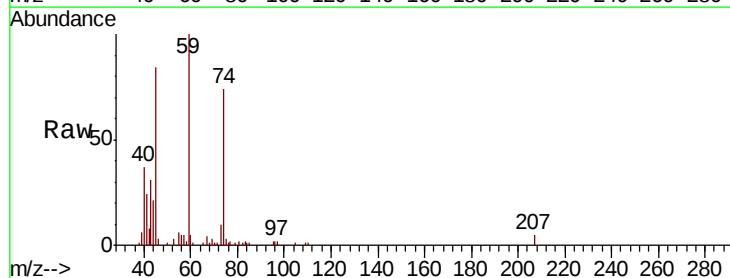
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



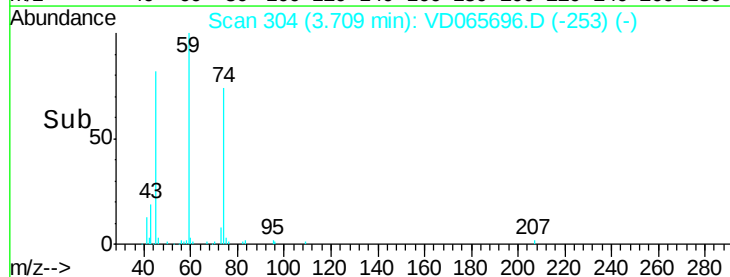
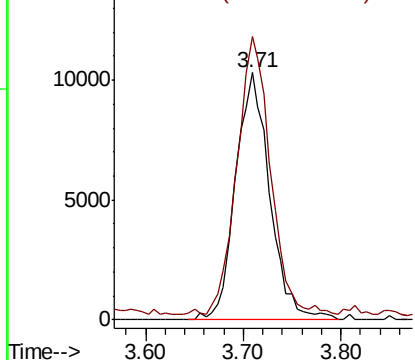
#8

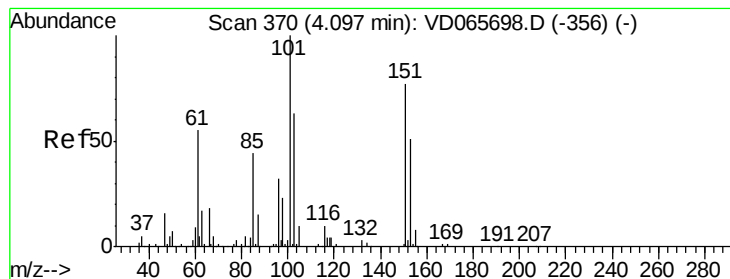
Diethyl Ether
Concen: 14.360 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion: 74 Resp: 25105
Ion Ratio Lower Upper
74 100
45 109.3 55.0 165.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.559 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

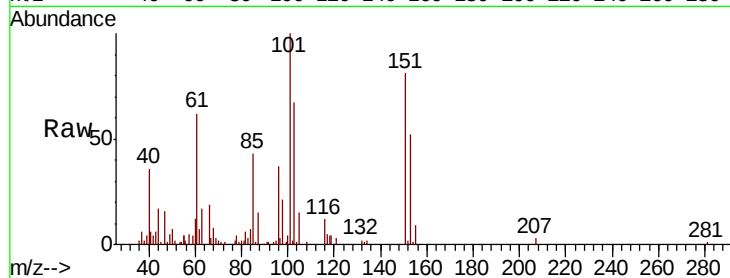
Tot Ion:101 Resp: 48139

Ion Ratio Lower Upper

101 100

85 44.5 34.4 51.6

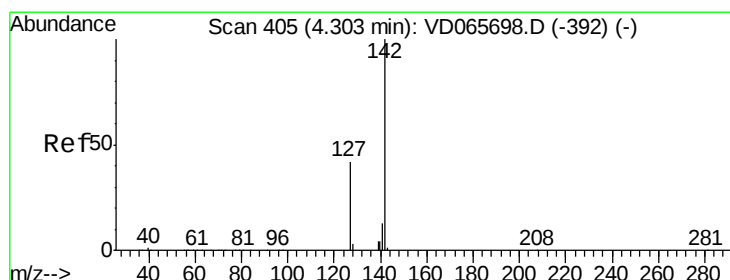
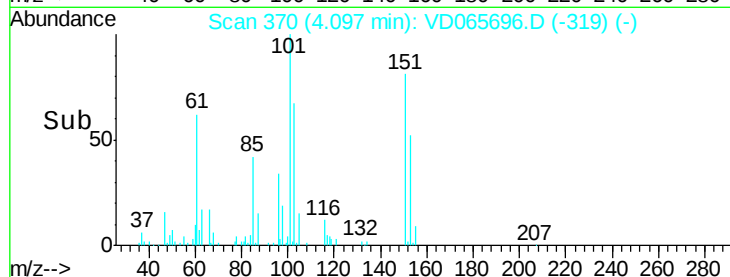
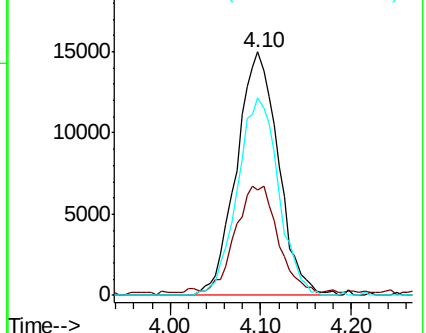
151 79.7 63.0 94.4



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: 8.314 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

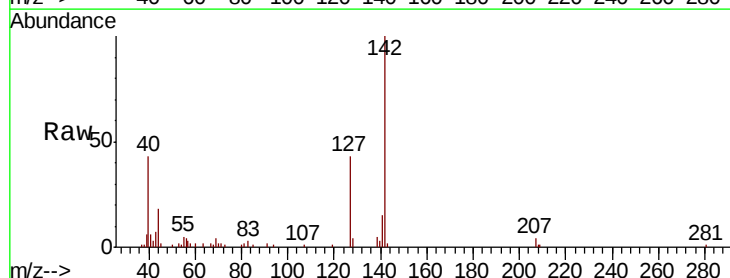
Tgt Ion:142 Resp: 40184

Ion Ratio Lower Upper

142 100

127 43.8 34.5 51.7

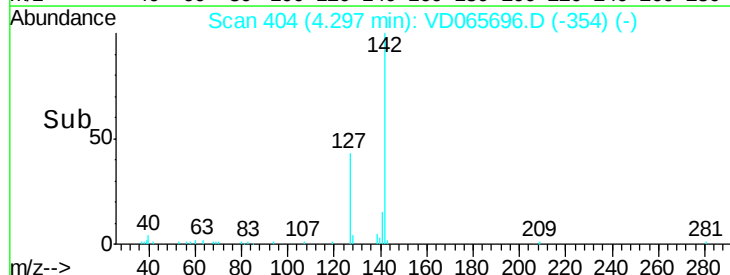
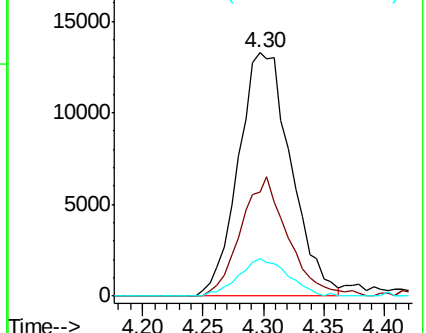
141 14.5 11.6 17.4

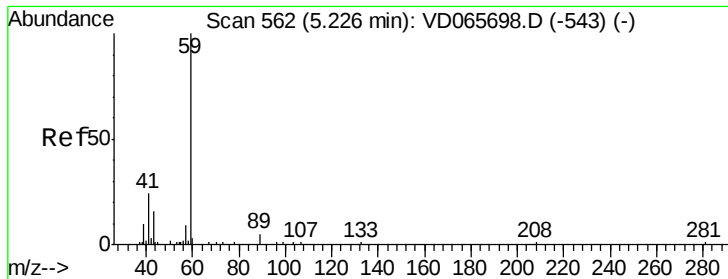


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



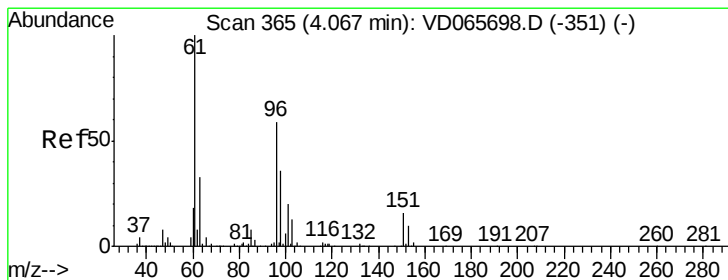
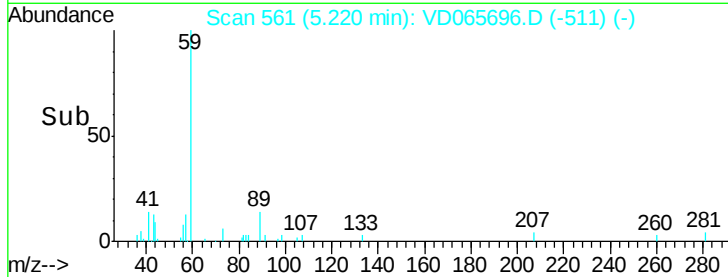
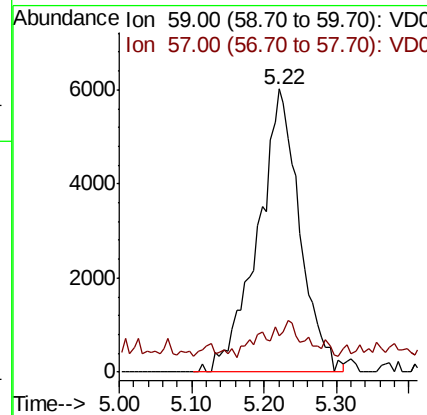
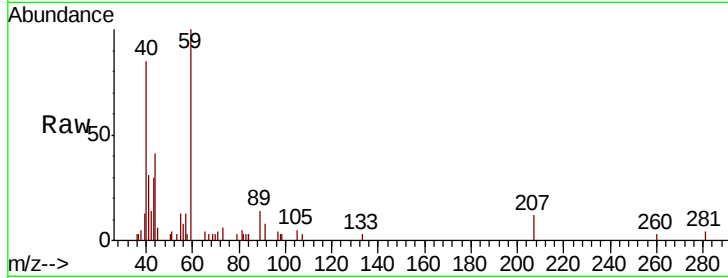


#11

Tert butyl alcohol
 Concen: 91.985 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

Instrument :
 MSVOA_D
 ClientSampleId :

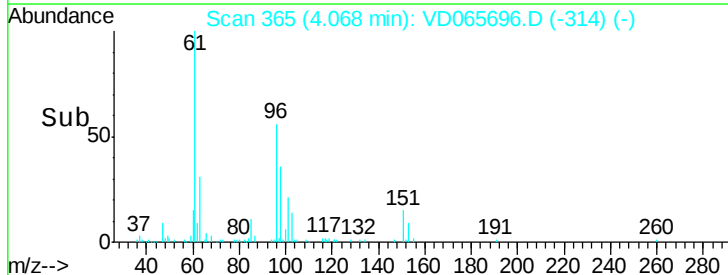
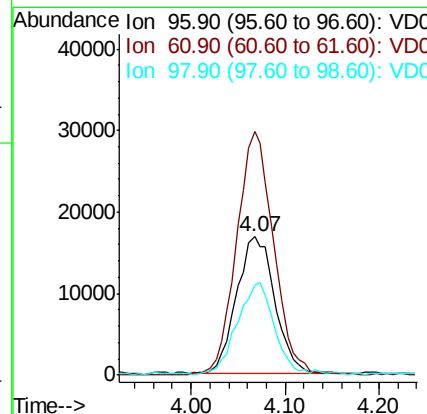
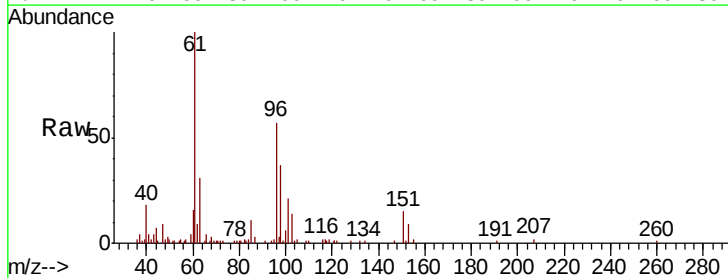
Tot Ion: 59 Resp: 24194
 Ion Ratio Lower Upper
 59 100
 57 5.0 8.7 13.1#

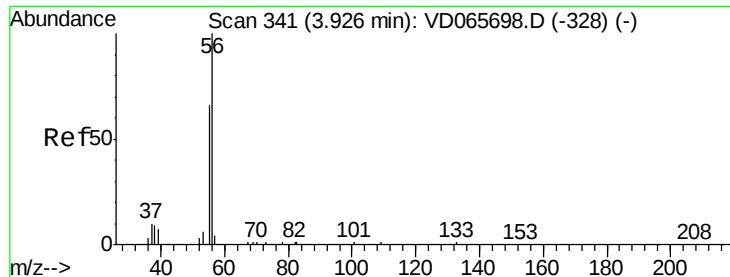


#12

1,1-Dichloroethene
 Concen: 9.962 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

Tgt Ion: 96 Resp: 46773
 Ion Ratio Lower Upper
 96 100
 61 176.9 136.0 204.0
 98 65.5 49.7 74.5





#13

Acrolein

Concen: 64.392 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

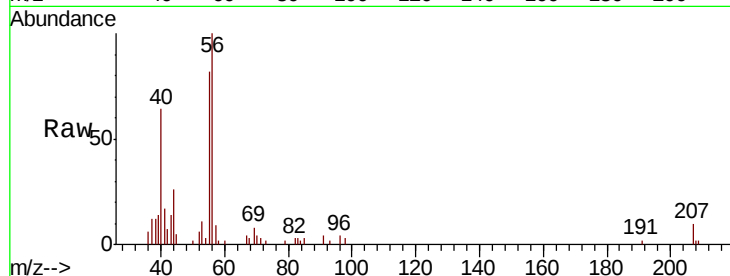
ClientSampleId :

Tot Ion: 56 Resp: 21772

Ion Ratio Lower Upper

56 100

55 72.1 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

8000

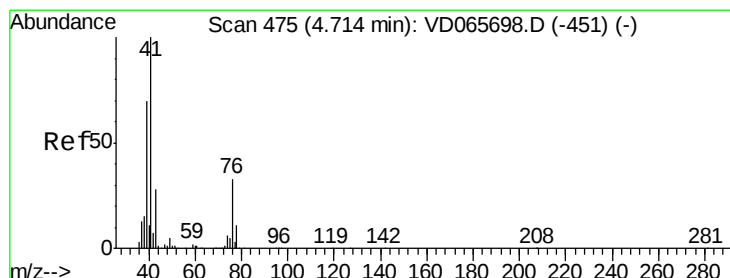
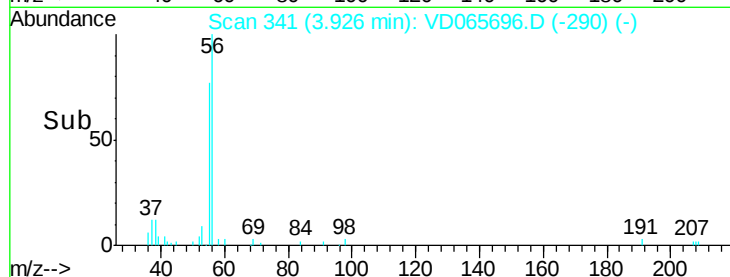
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 13.158 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

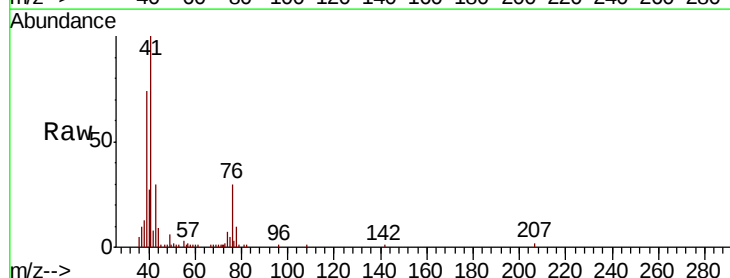
Tgt Ion: 41 Resp: 96619

Ion Ratio Lower Upper

41 100

39 71.0 55.6 83.4

76 31.9 25.6 38.4



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

40000

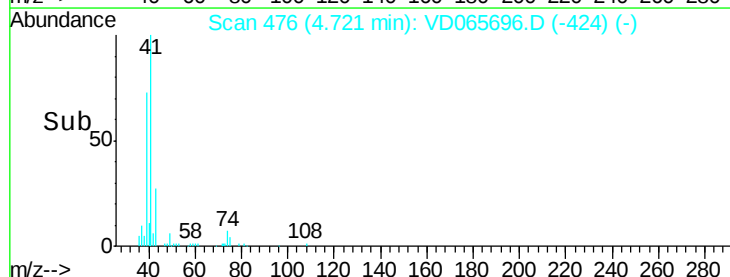
30000

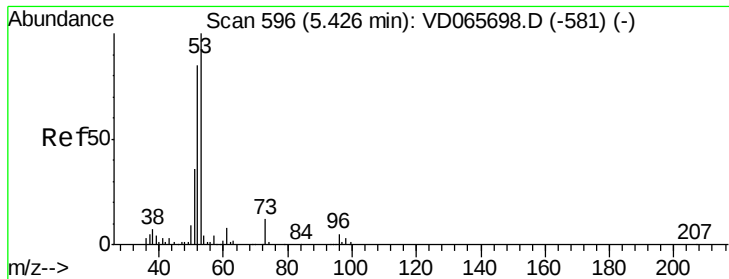
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 59.743 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

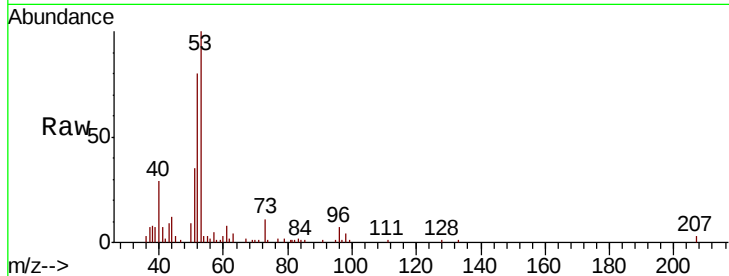
Tot Ion: 53 Resp: 59032

Ion Ratio Lower Upper

53 100

52 81.2 66.2 99.2

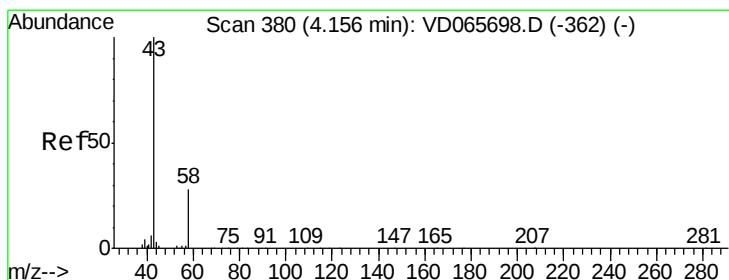
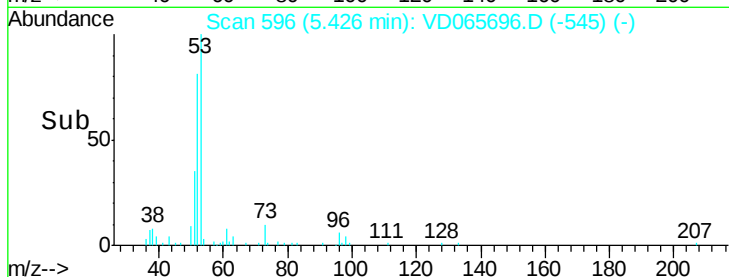
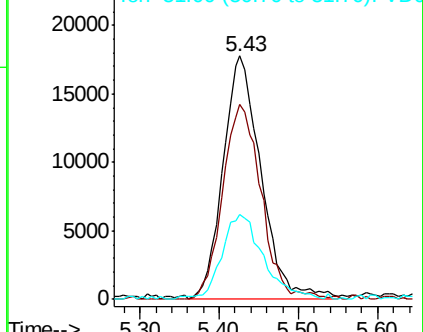
51 38.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 57.919 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065696.D

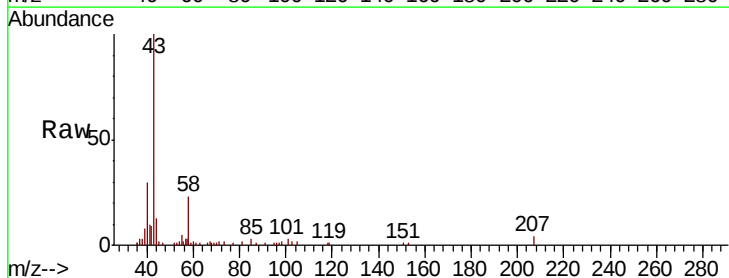
Acq: 06 May 2020 14:44

Tgt Ion: 43 Resp: 52429

Ion Ratio Lower Upper

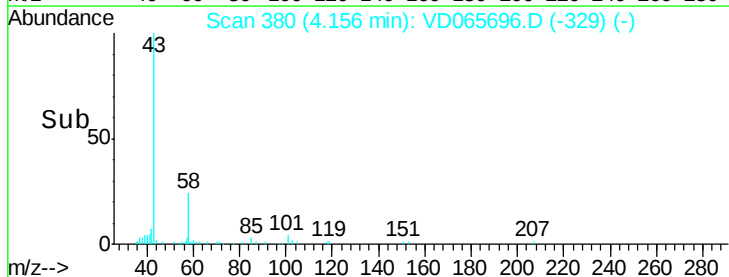
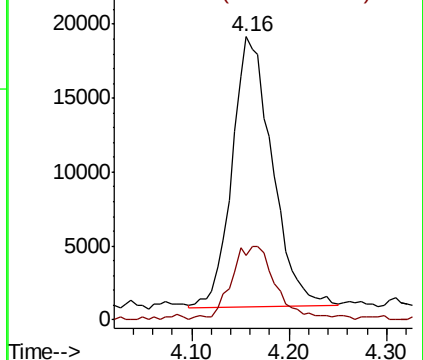
43 100

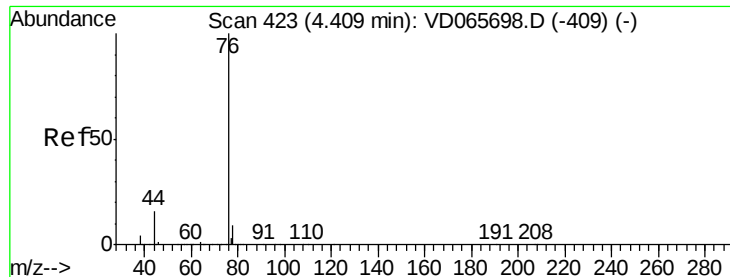
58 24.2 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 9.980 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

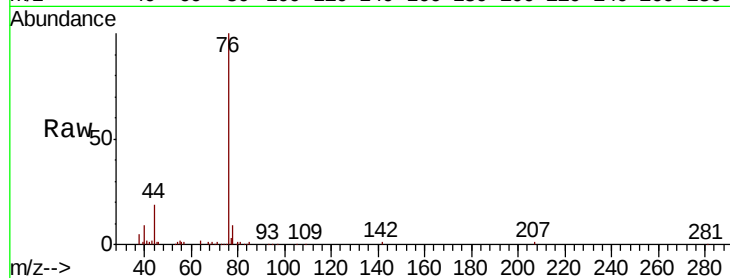
ClientSampleId :

Tot Ion: 76 Resp: 155391

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

60000

50000

40000

30000

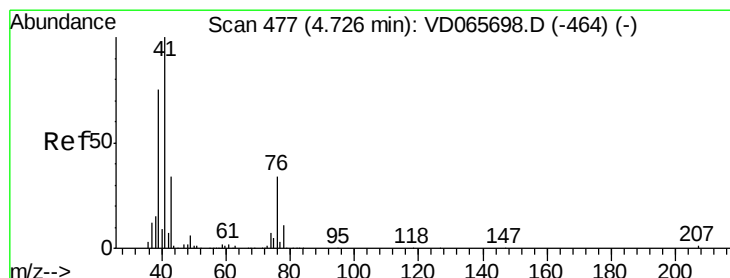
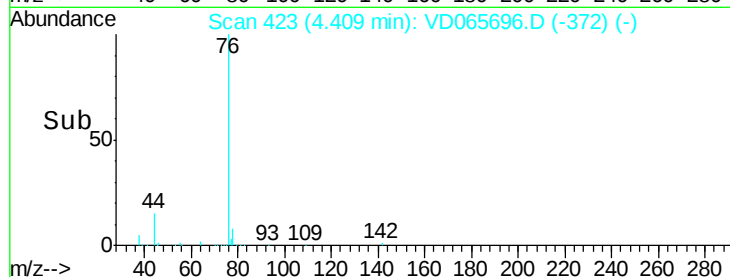
20000

10000

0

Time-->

4.30 4.40 4.50



#18

Methyl Acetate

Concen: 9.646 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065696.D

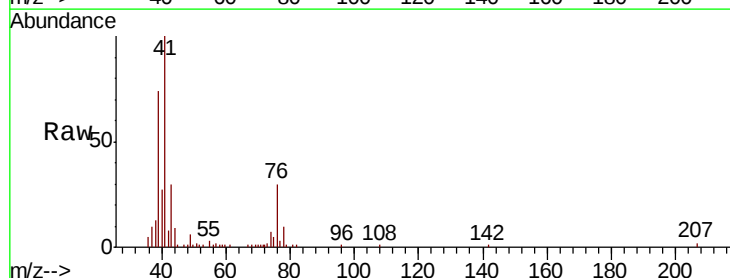
Acq: 06 May 2020 14:44

Tgt Ion: 43 Resp: 24174

Ion Ratio Lower Upper

43 100

74 24.5 17.1 25.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

10000

8000

6000

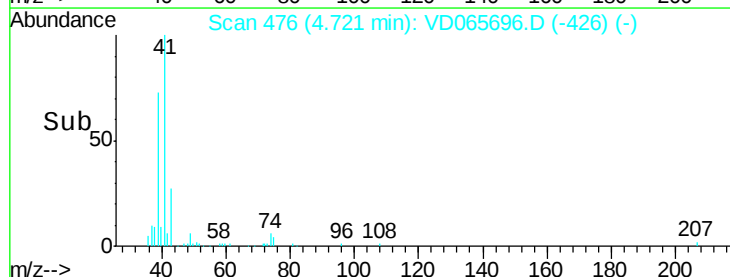
4000

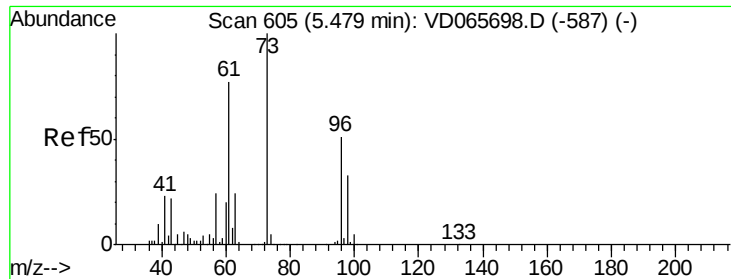
2000

0

Time-->

4.65 4.70 4.75 4.80



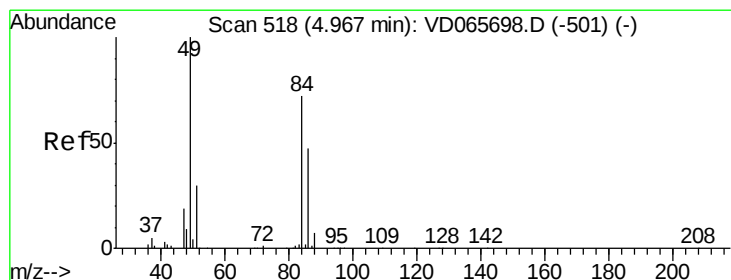
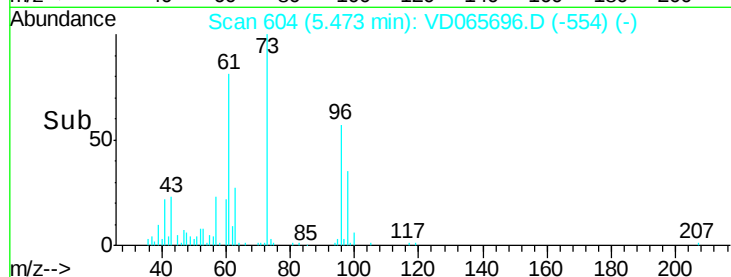
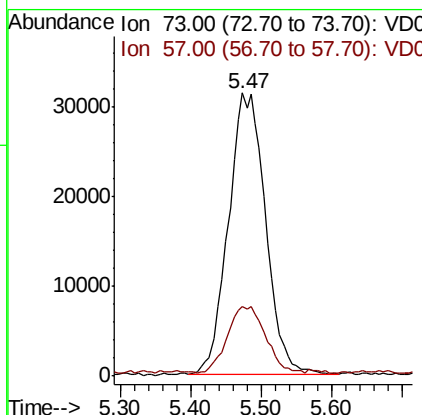
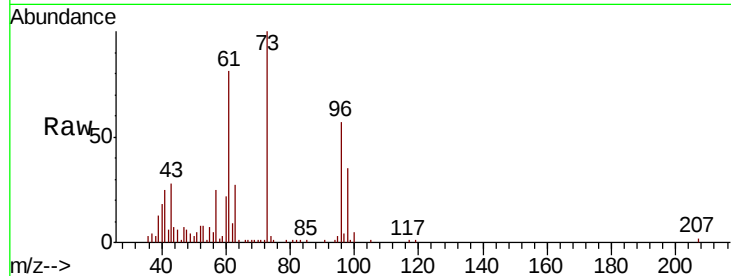


#19

Methyl tert-butyl Ether
 Concen: 12.110 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

Instrument :
 MSVOA_D
 ClientSampleID :

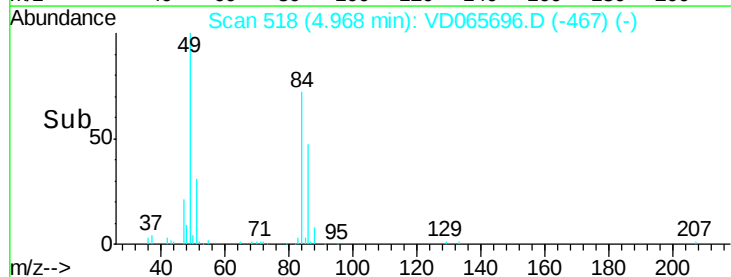
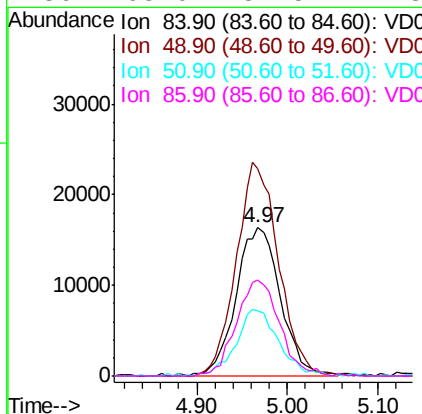
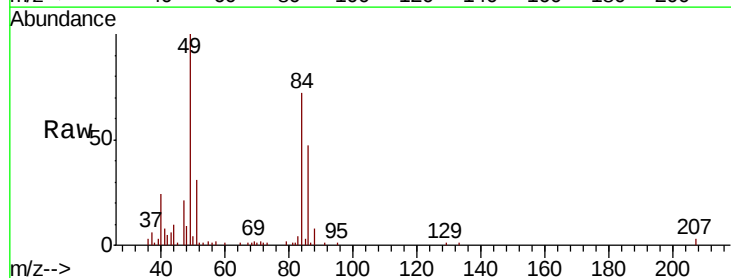
Tot Ion: 73 Resp: 114459
 Ion Ratio Lower Upper
 73 100
 57 23.6 19.4 29.0

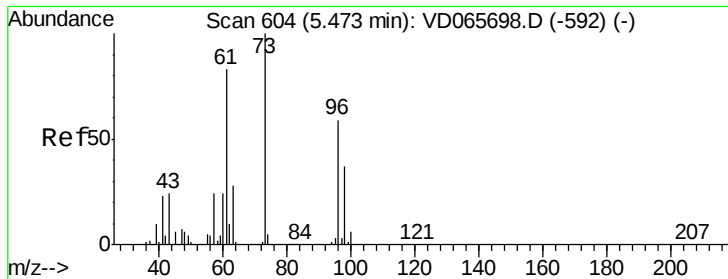


#20

Methylene Chloride
 Concen: 10.000 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

Tgt Ion: 84 Resp: 55373
 Ion Ratio Lower Upper
 84 100
 49 139.5 110.4 165.6
 51 42.4 33.4 50.2
 86 65.0 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 10.192 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

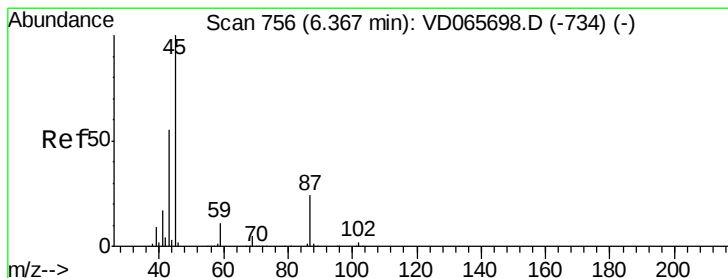
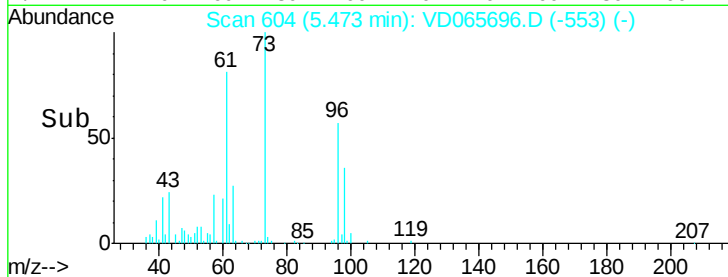
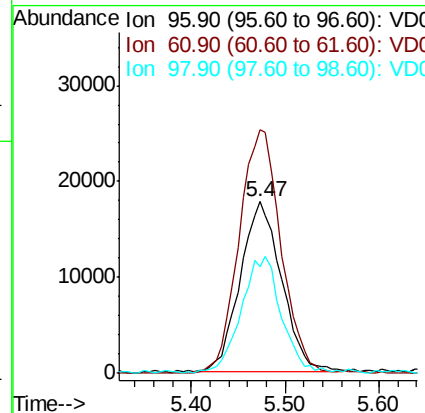
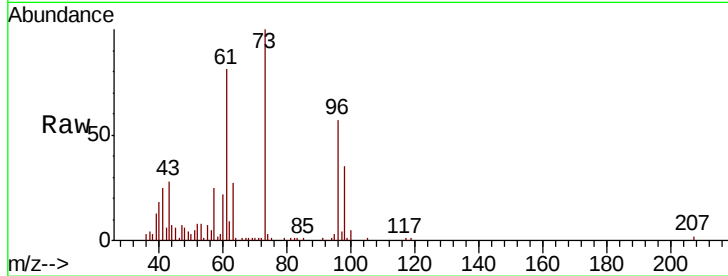
Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 96 Resp: 53683

Ion	Ratio	Lower	Upper
96	100		
61	143.7	113.0	169.4
98	63.0	49.5	74.3



#22

Diisopropyl ether

Concen: 12.620 ug/l

RT: 6.36 min Scan# 755

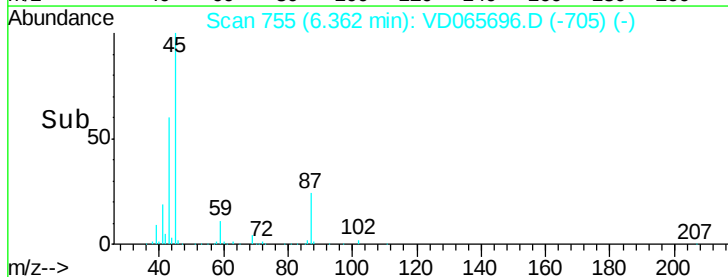
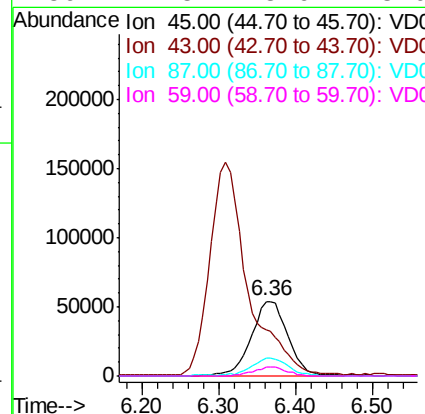
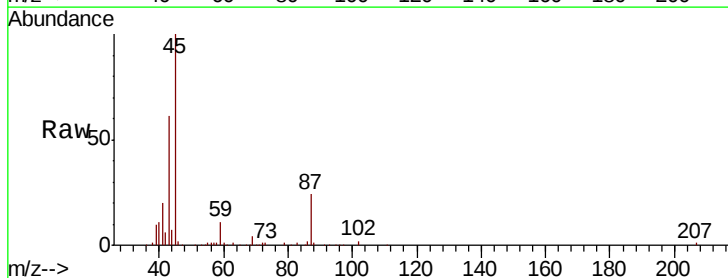
Delta R.T. -0.01 min

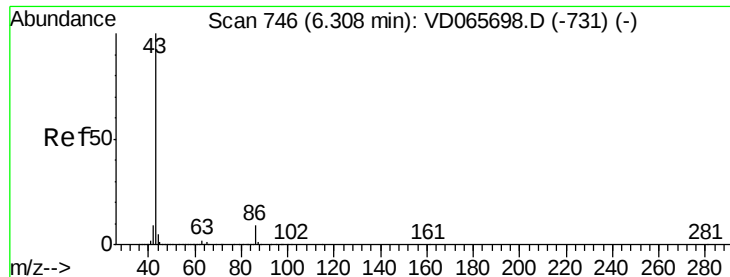
Lab File: VD065696.D

Acq: 06 May 2020 14:44

Tgt Ion: 45 Resp: 176292

Ion	Ratio	Lower	Upper
45	100		
43	59.0	44.2	66.4
87	23.8	19.0	28.4
59	11.5	8.6	13.0





#23

Vinyl Acetate

Concen: 68.819 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

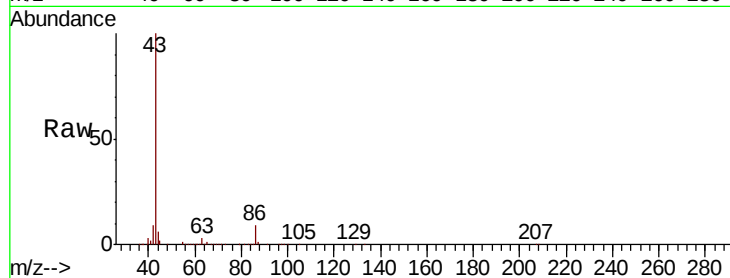
ClientSampleId :

Tot Ion: 43 Resp: 525512

Ion Ratio Lower Upper

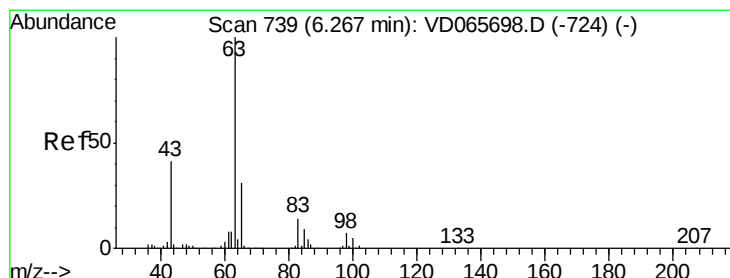
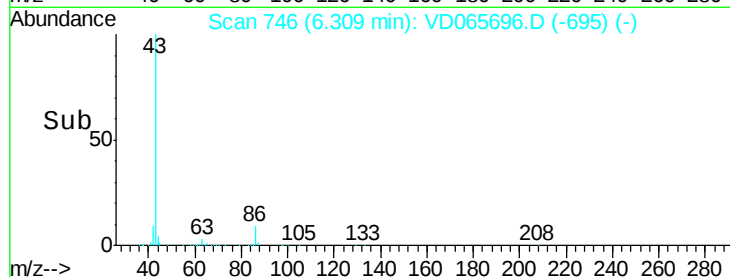
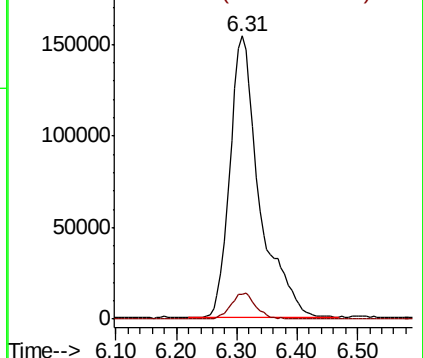
43 100

86 8.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 10.964 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

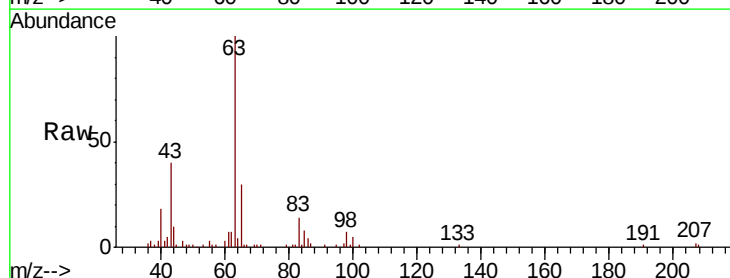
Tgt Ion: 63 Resp: 98658

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

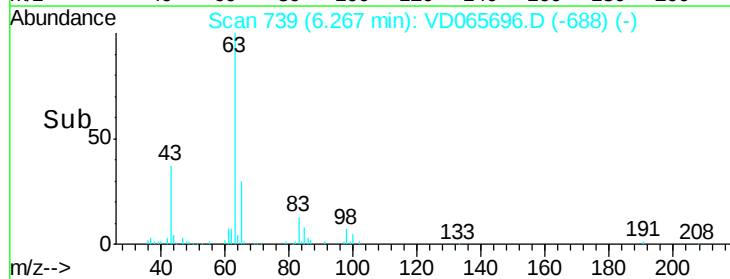
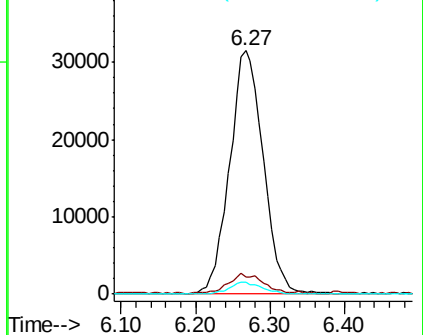
100 5.0 2.3 6.9

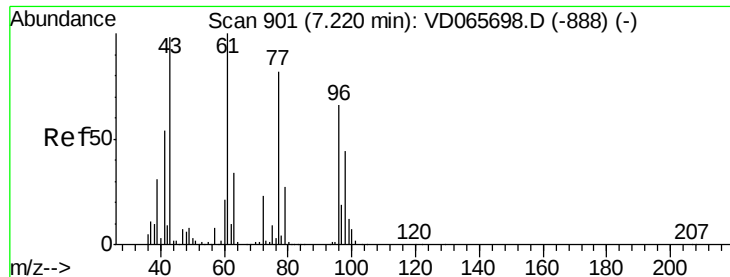


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 63.023 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

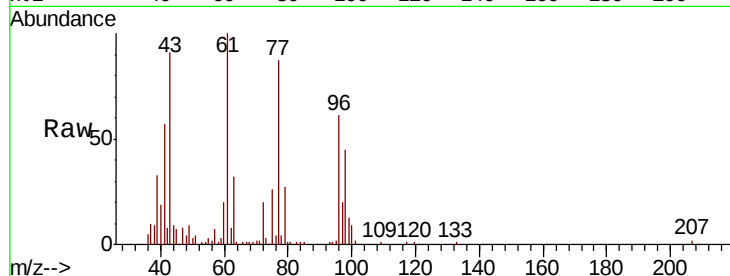
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 77843

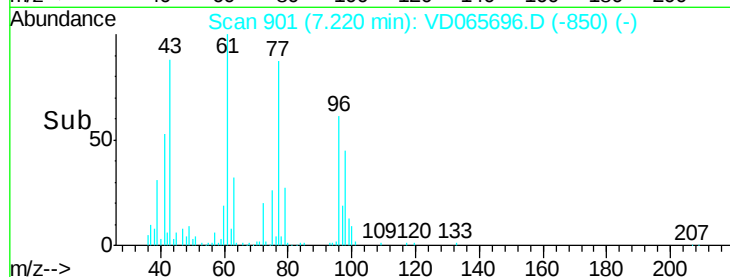
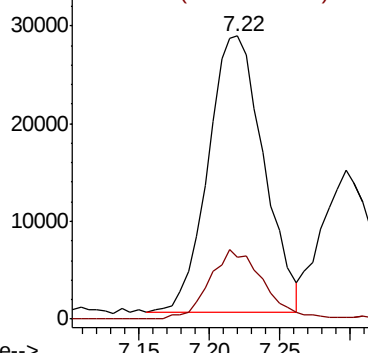
Ion Ratio Lower Upper

43 100

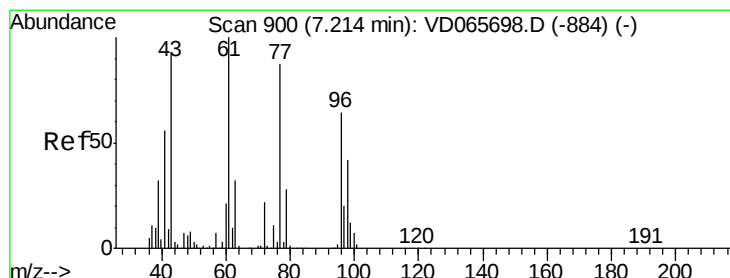
72 21.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 11.085 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065696.D

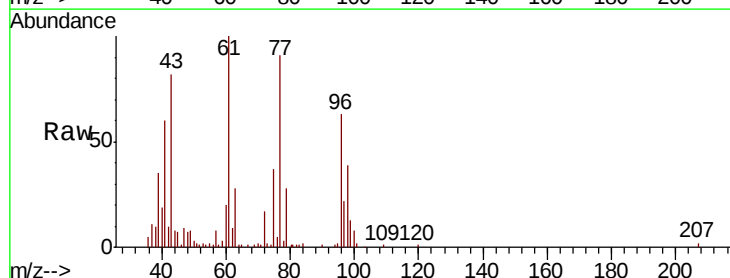
Acq: 06 May 2020 14:44

Tgt Ion: 77 Resp: 89419

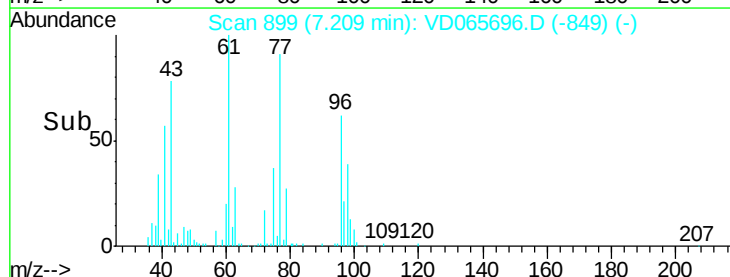
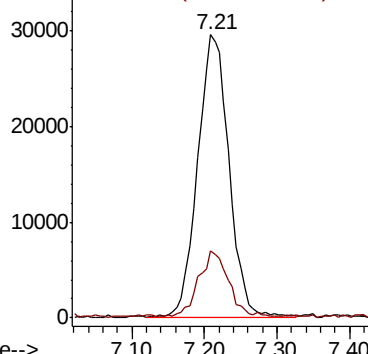
Ion Ratio Lower Upper

77 100

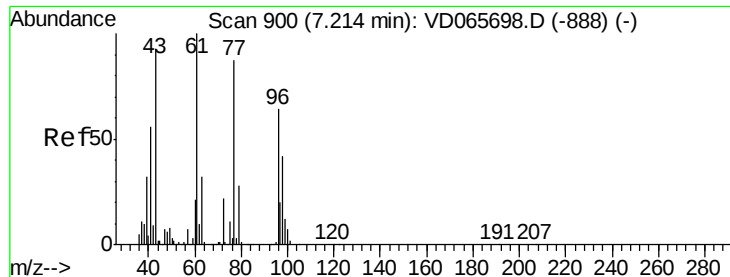
97 20.9 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VDC
Ion 96.90 (96.60 to 97.60): VDC



Time-->

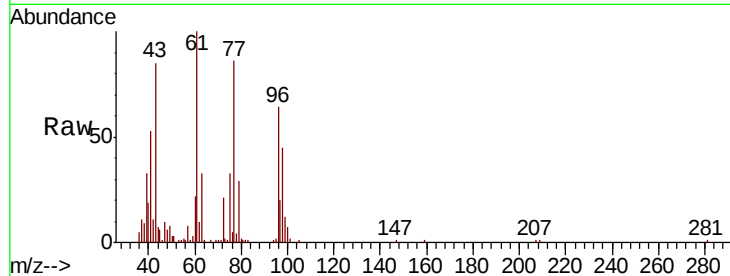


#27

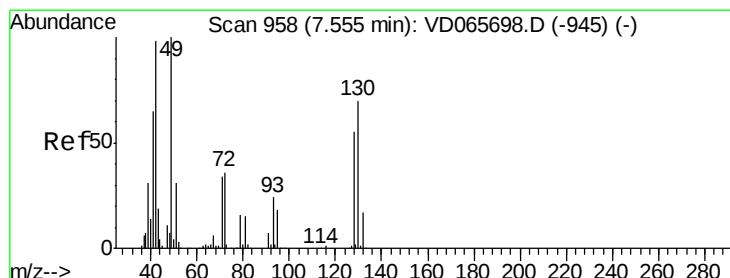
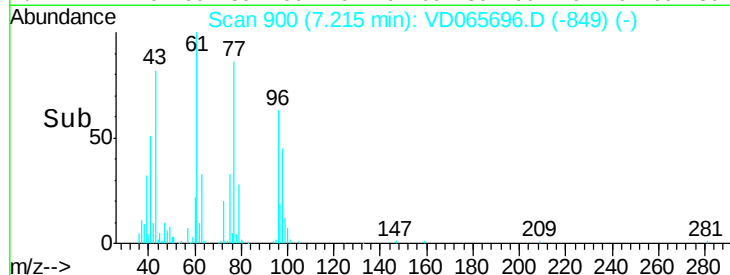
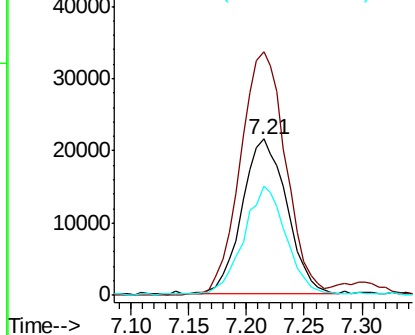
cis-1,2-Dichloroethene
Concen: 10.583 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 96 Resp: 57925
Ion Ratio Lower Upper
96 100
61 159.9 0.0 306.6
98 65.1 0.0 129.4



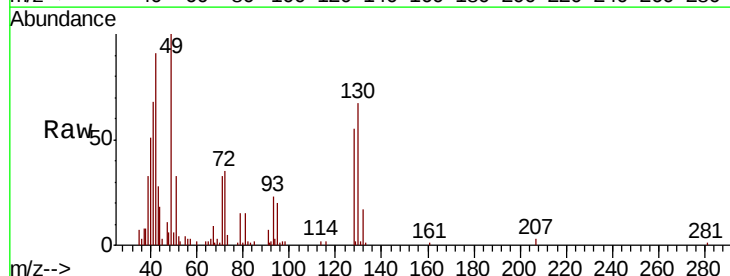
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



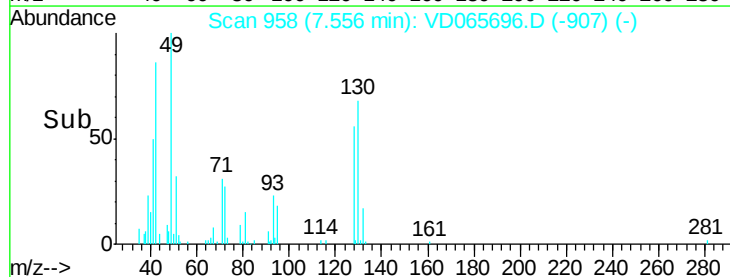
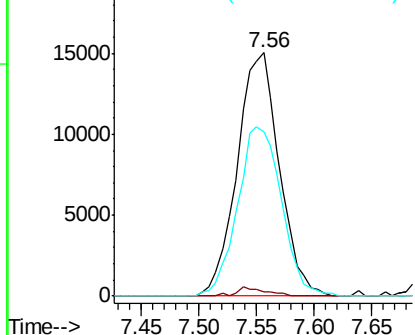
#28

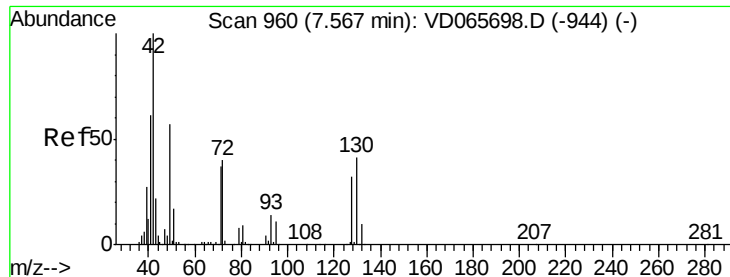
Bromochloromethane
Concen: 10.345 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion: 49 Resp: 38172
Ion Ratio Lower Upper
49 100
129 2.6 0.0 3.8
130 72.5 56.4 84.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 63.316 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

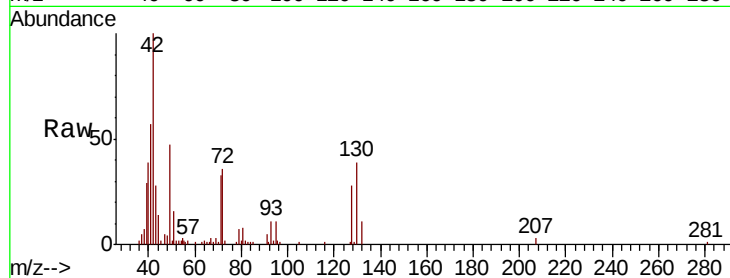
Tot Ion: 42 Resp: 49008

Ion Ratio Lower Upper

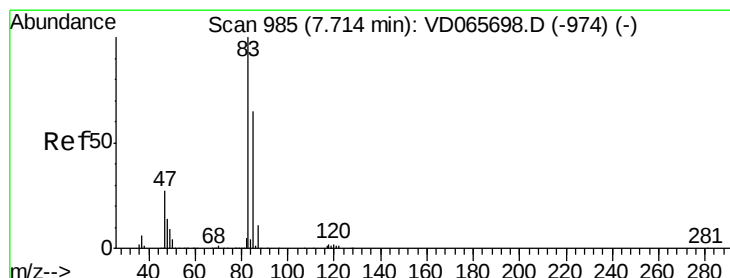
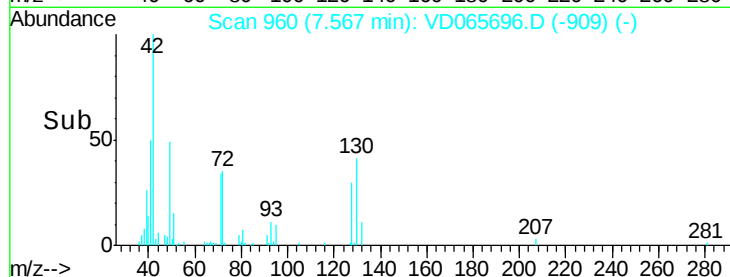
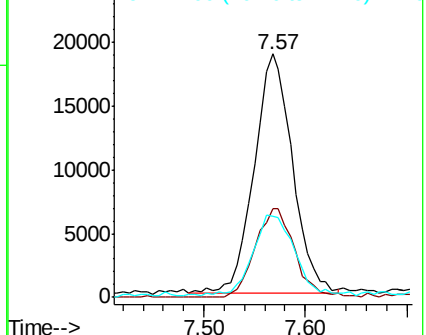
42 100

72 38.6 30.4 45.6

71 36.2 28.0 42.0



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: 9.980 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD065696.D

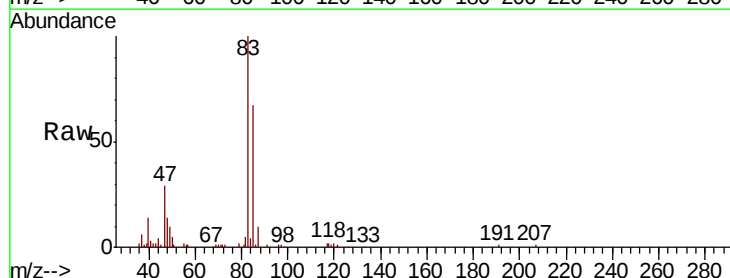
Acq: 06 May 2020 14:44

Tgt Ion: 83 Resp: 92603

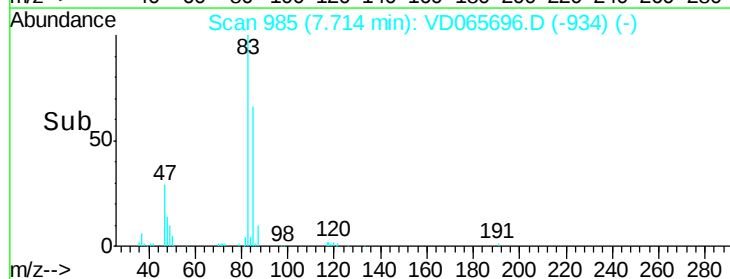
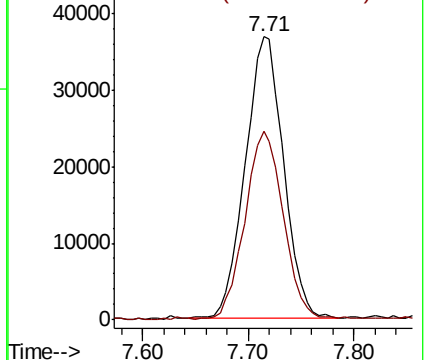
Ion Ratio Lower Upper

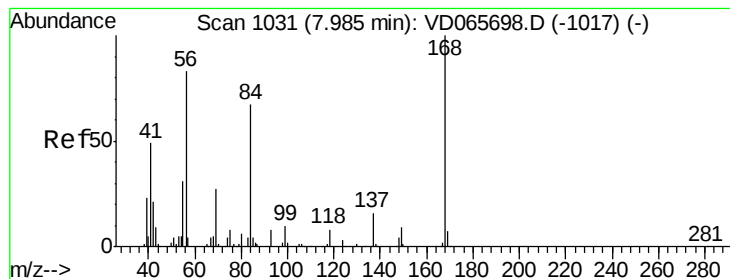
83 100

85 66.5 52.1 78.1



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





#31

Cyclohexane

Concen: 12.261 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleID :

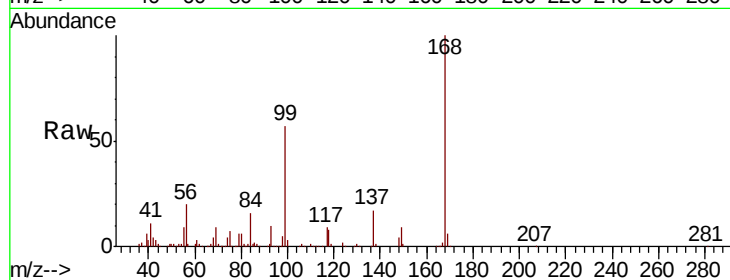
Tot Ion: 56 Resp: 103988

Ion Ratio Lower Upper

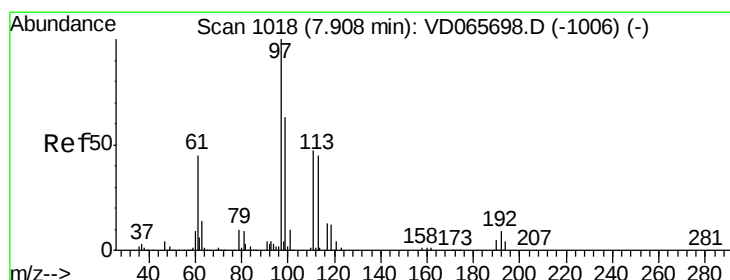
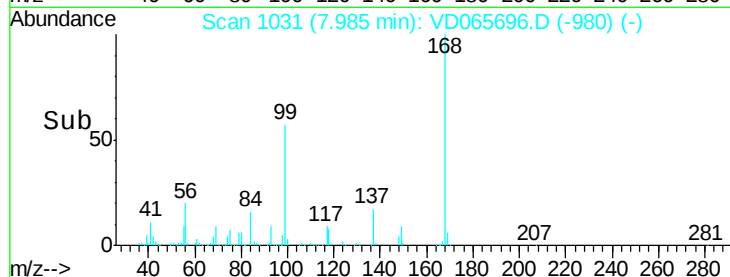
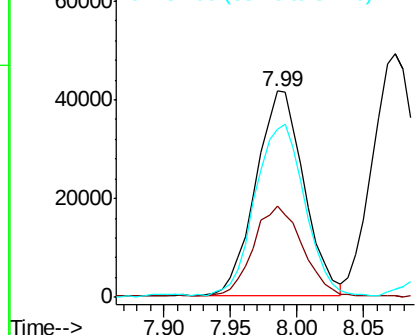
56 100

69 43.5 26.3 39.5#

84 81.4 64.5 96.7



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: 10.384 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

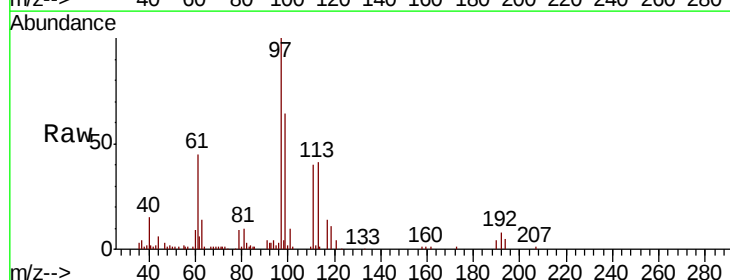
Tgt Ion: 97 Resp: 87367

Ion Ratio Lower Upper

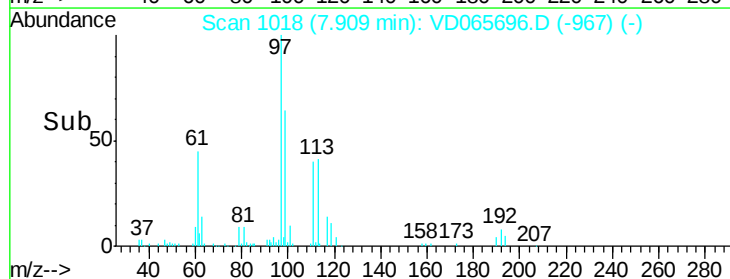
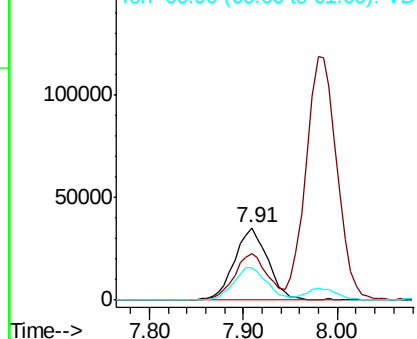
97 100

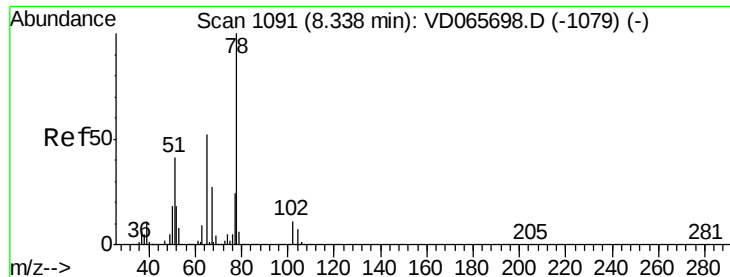
99 65.1 50.8 76.2

61 45.5 36.0 54.0



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

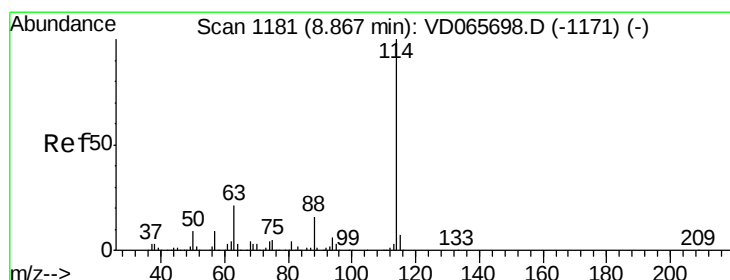
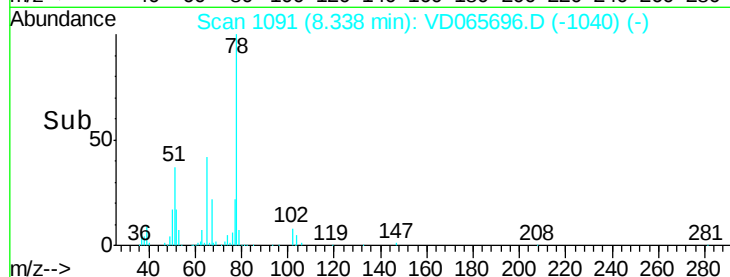
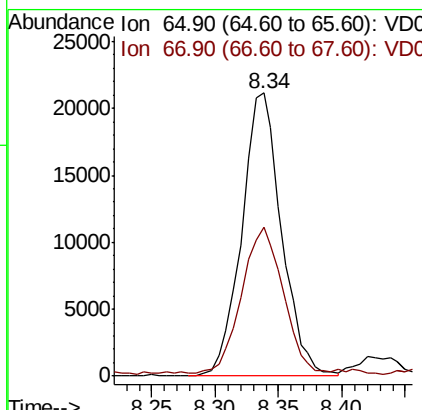
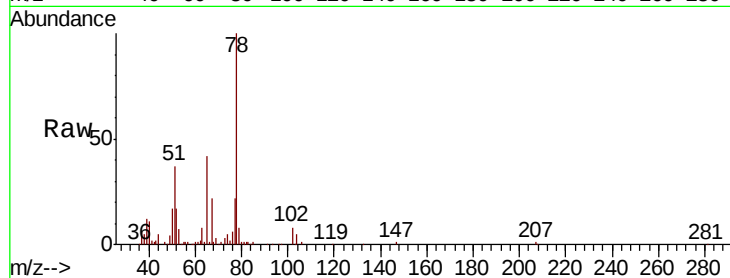




#33
 1,2-Dichloroethane-d4
 Concen: 9.693 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

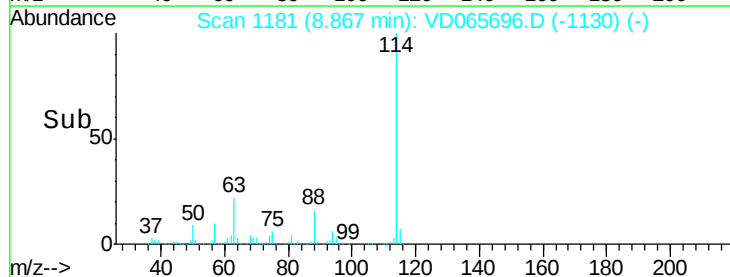
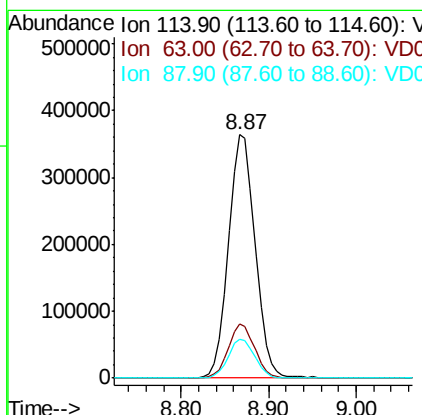
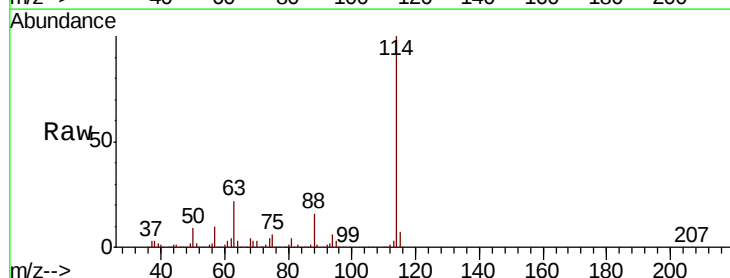
Instrument :
 MSVOA_D
 ClientSampleId :

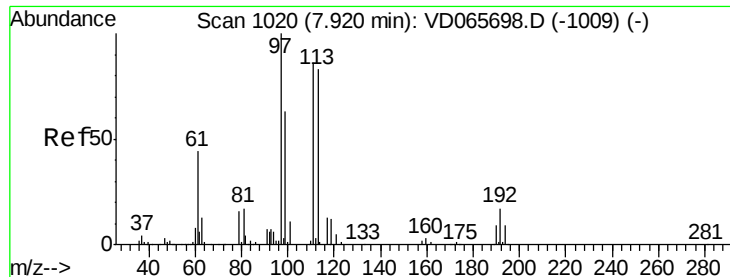
Tot Ion: 65 Resp: 46238
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

Tgt Ion: 114 Resp: 756088
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.4
 88 15.9 0.0 32.6

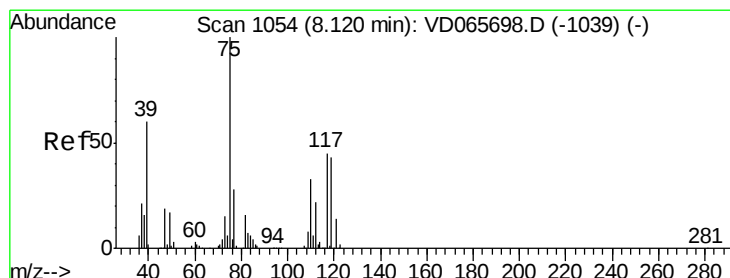
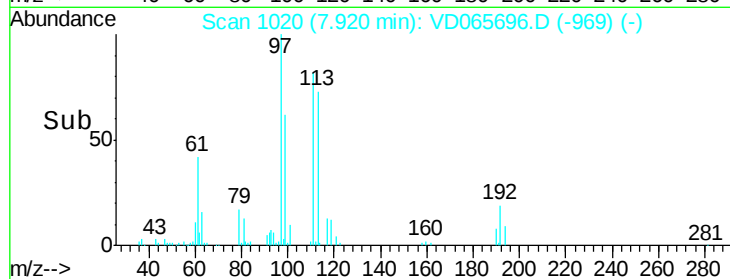
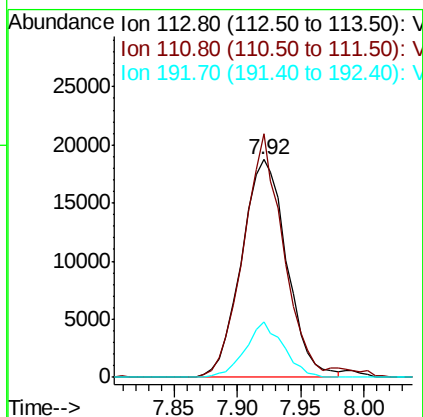
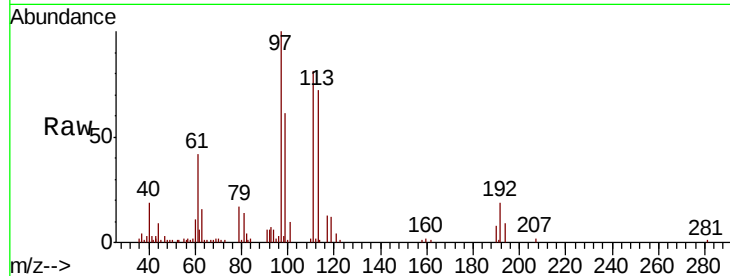




#35
 Dibromofluoromethane
 Concen: 8.939 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

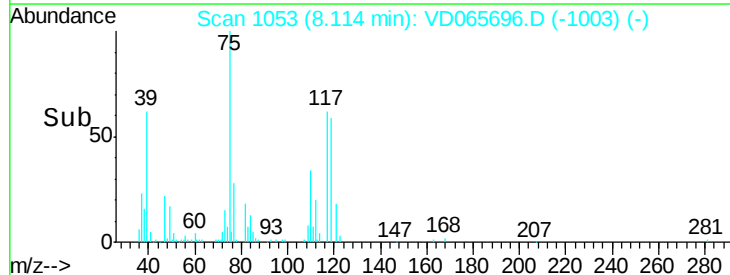
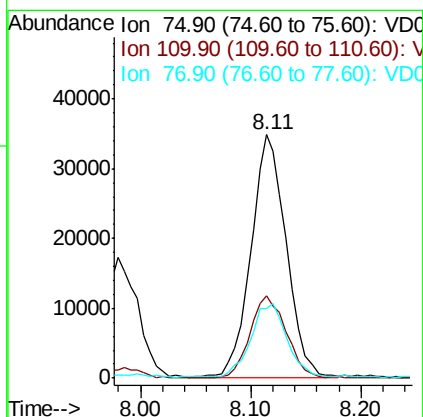
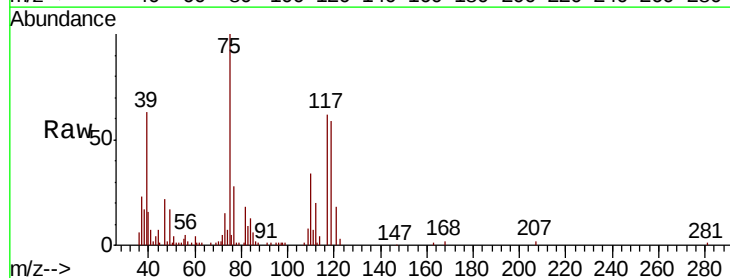
Instrument :
 MSVOA_D
 ClientSampled :

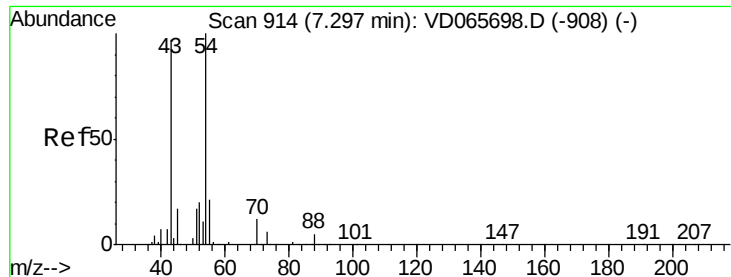
Tot Ion:113 Resp: 46459
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.7 124.1
 192 21.7 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 10.276 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

Tgt Ion: 75 Resp: 78470
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.2 51.6
 77 32.4 23.7 35.5

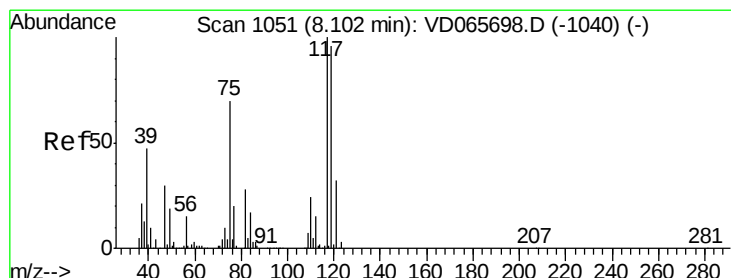
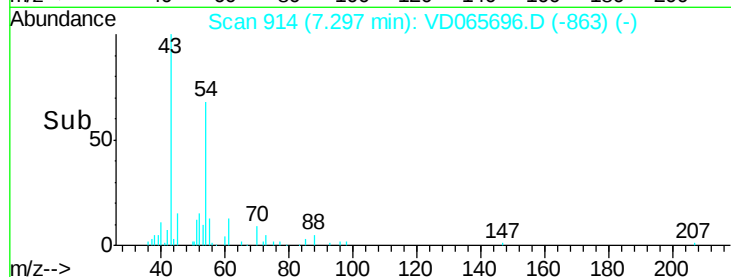
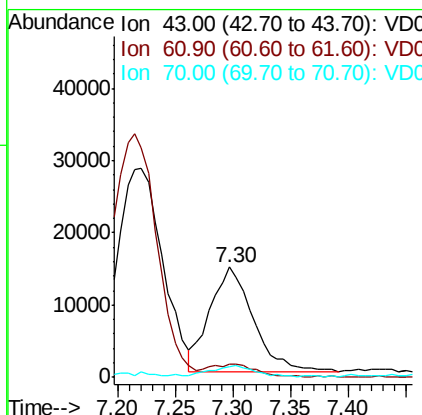
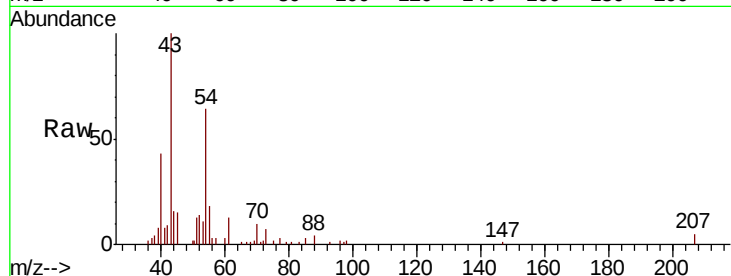




#37
Ethyl Acetate
Concen: 12.871 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

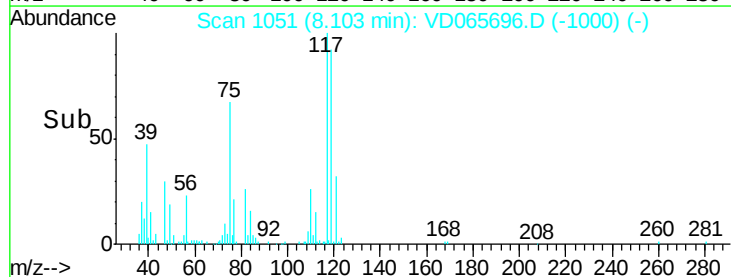
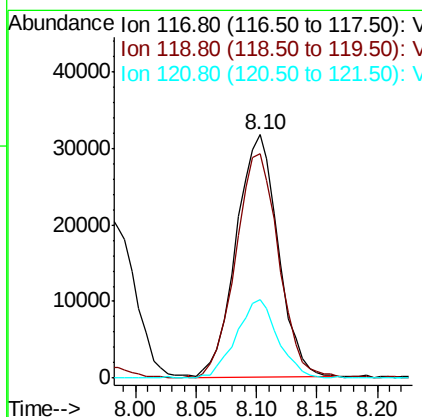
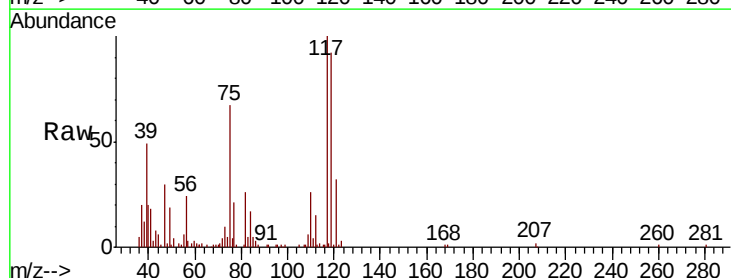
Instrument :
MSVOA_D
ClientSampleId :

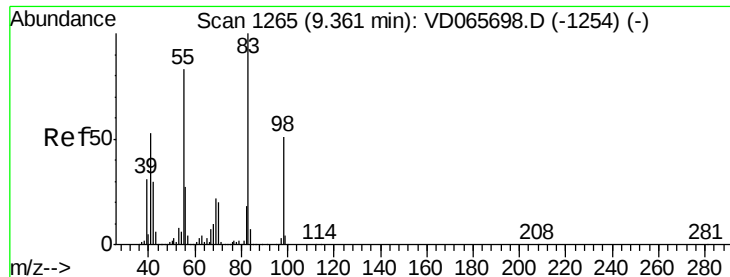
Tot Ion: 43 Resp: 38705
Ion Ratio Lower Upper
43 100
61 12.8 9.9 14.9
70 11.9 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 9.378 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion: 117 Resp: 76651
Ion Ratio Lower Upper
117 100
119 92.1 77.1 115.7
121 32.3 25.5 38.3

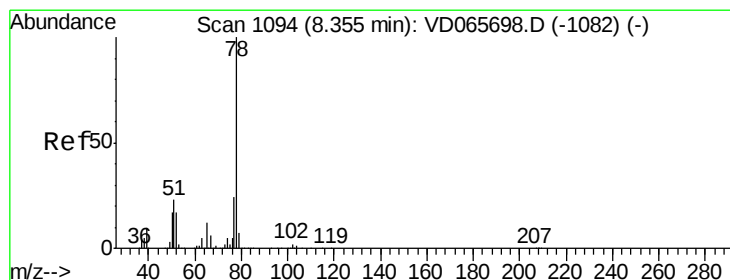
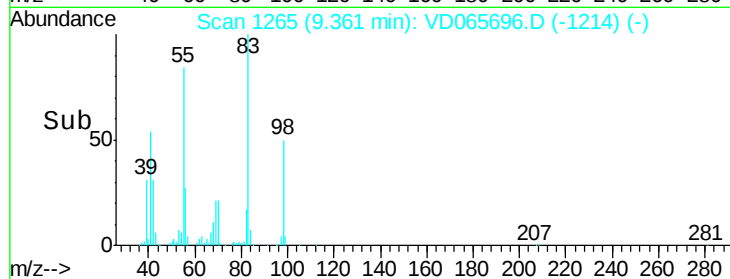
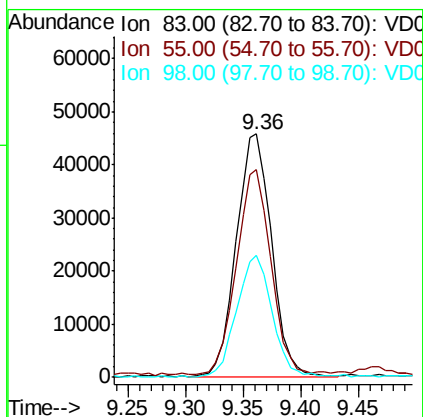
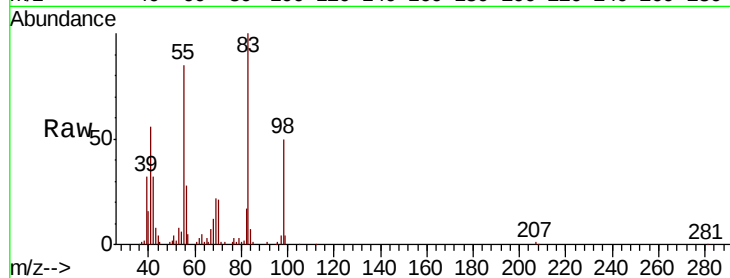




#39
Methvlcvclohexane
Concen: 11.247 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

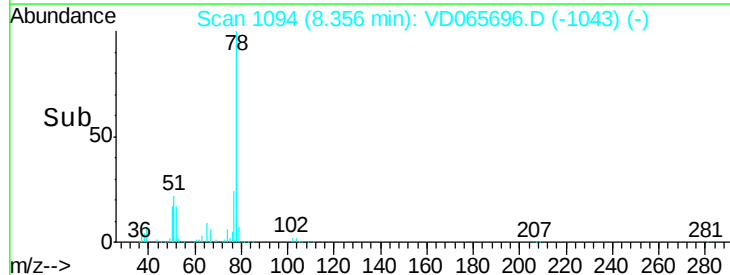
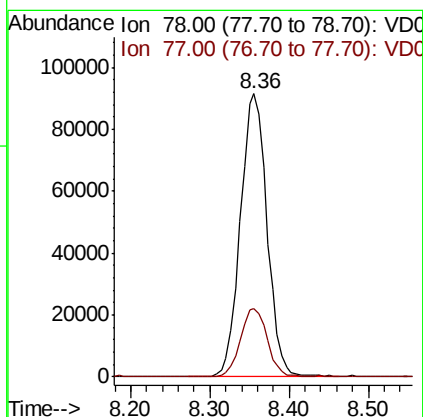
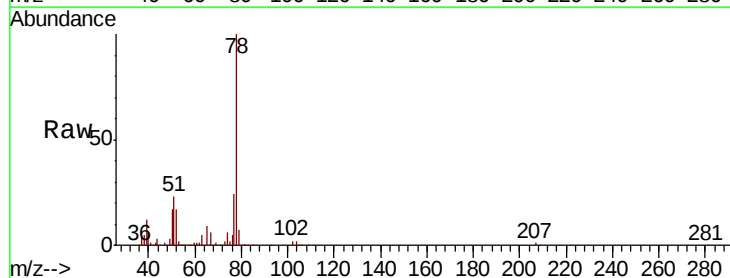
Instrument :
MSVOA_D
ClientSampleId :

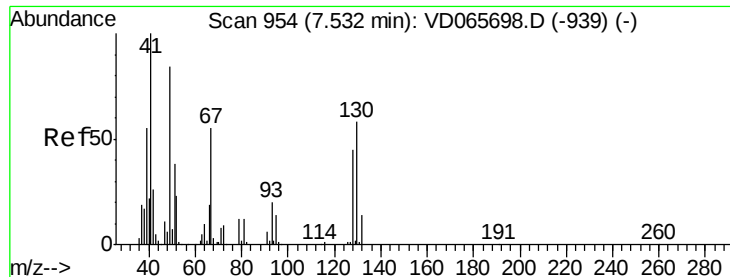
Tot Ion: 83 Resp: 97659
Ion Ratio Lower Upper
83 100
55 84.2 66.0 99.0
98 49.7 41.0 61.4



#40
Benzene
Concen: 9.868 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion: 78 Resp: 213554
Ion Ratio Lower Upper
78 100
77 24.1 19.6 29.4

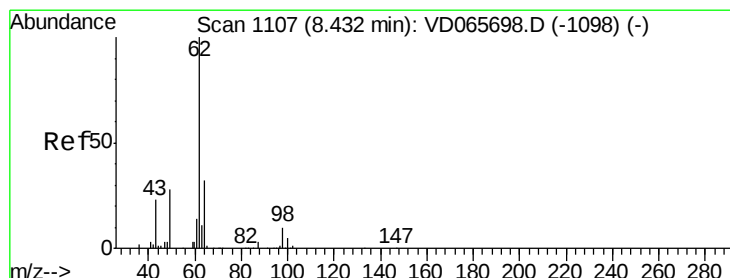
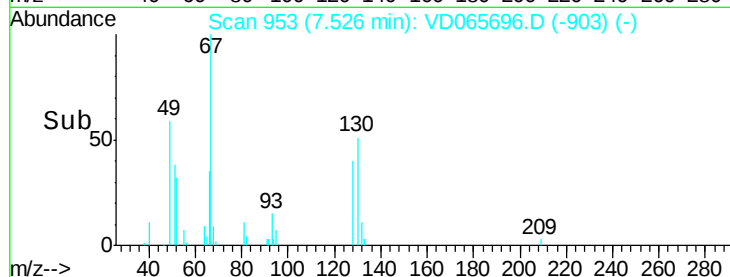
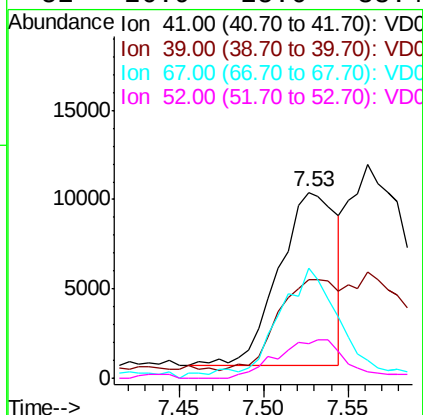
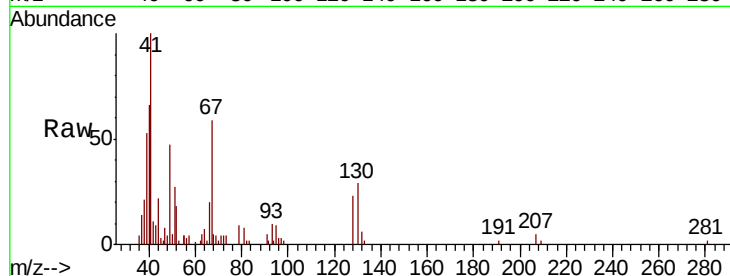




#41
Methacrylonitrile
Concen: 13.850 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

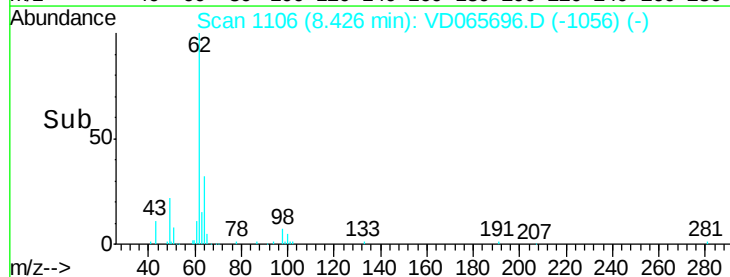
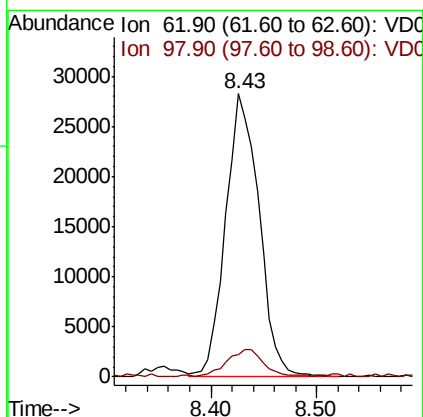
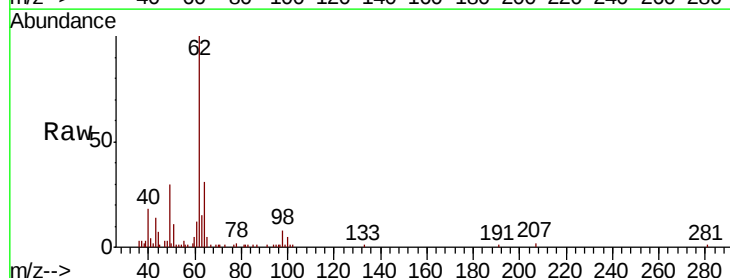
Instrument :
MSVOA_D
ClientSampleId :

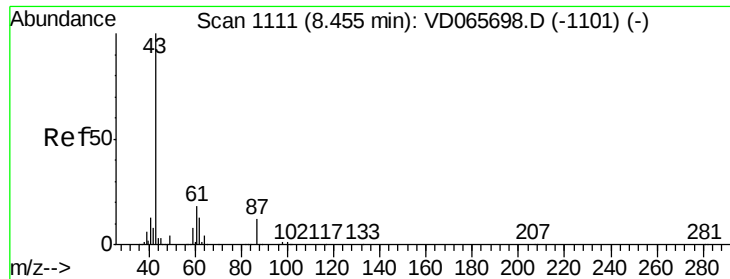
Tot Ion:	41	Resp:	23121
Ion	Ratio	Lower	Upper
41	100		
39	53.6	52.5	78.7
67	69.9	59.4	89.0
52	26.9	25.6	38.4



#42
1,2-Dichloroethane
Concen: 10.140 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion:	62	Resp:	62109
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	19.2





#43

Isopropyl Acetate

Concen: 13.317 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

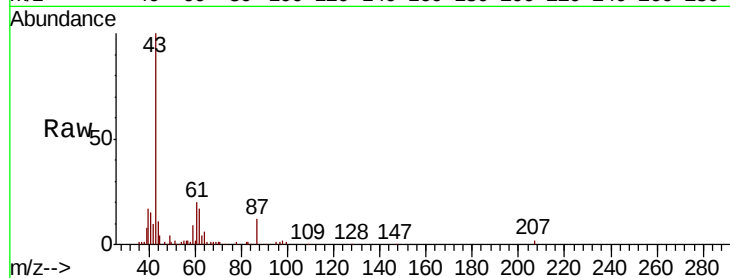
Tot Ion: 43 Resp: 74512

Ion Ratio Lower Upper

43 100

61 27.5 21.9 32.9

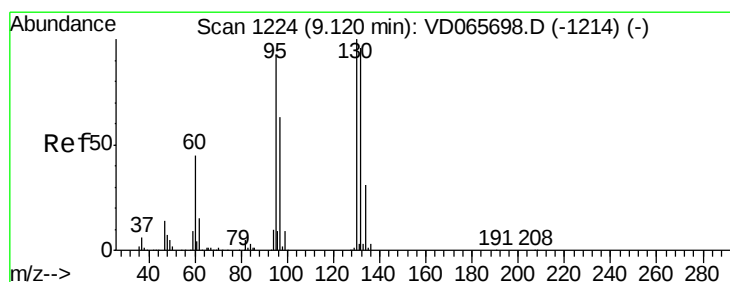
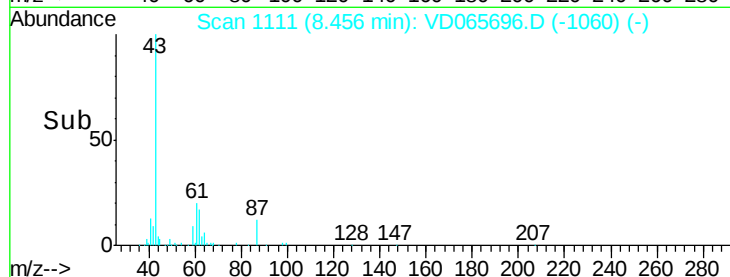
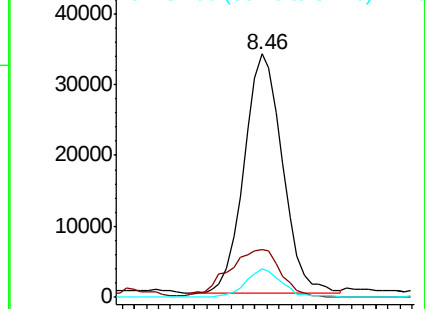
87 11.4 9.4 14.2



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: 9.458 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD065696.D

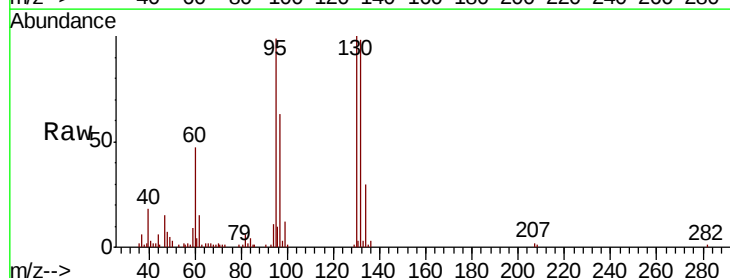
Acq: 06 May 2020 14:44

Tgt Ion: 130 Resp: 58533

Ion Ratio Lower Upper

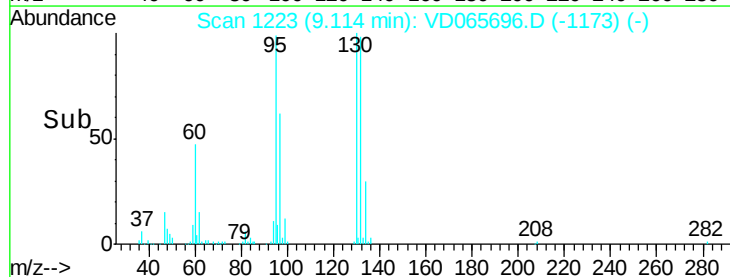
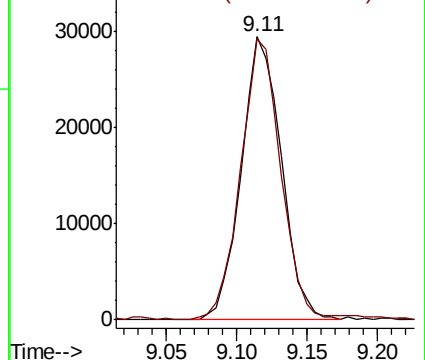
130 100

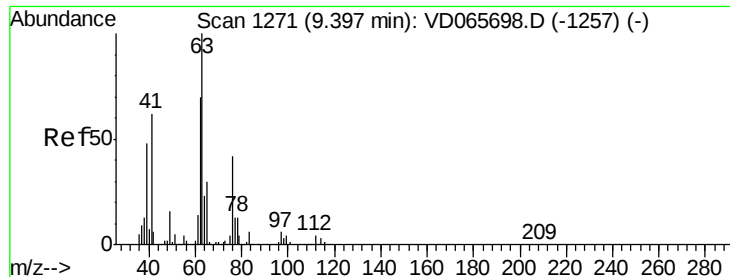
95 99.4 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 10.389 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

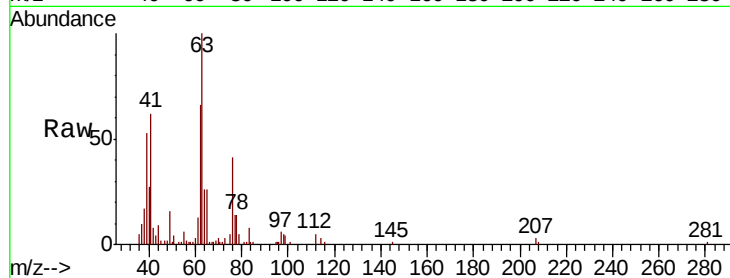
ClientSampleId :

Tot Ion: 63 Resp: 55512

Ion Ratio Lower Upper

63 100

65 26.3 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.40

25000

20000

15000

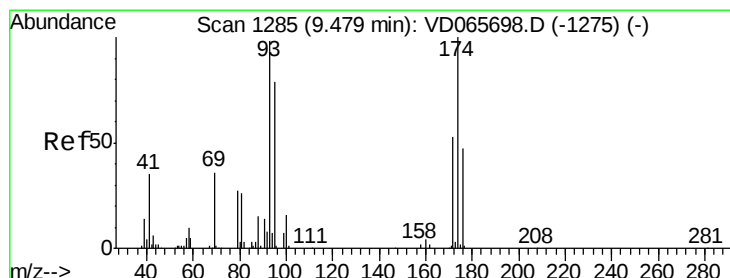
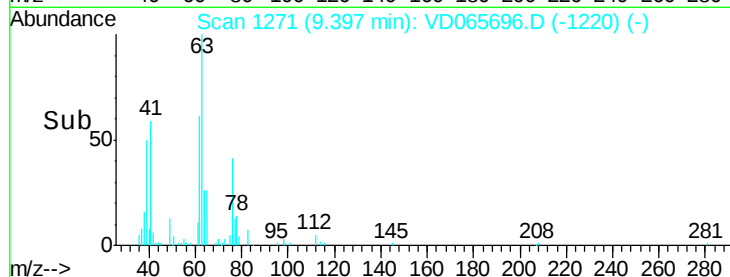
10000

5000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 9.642 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

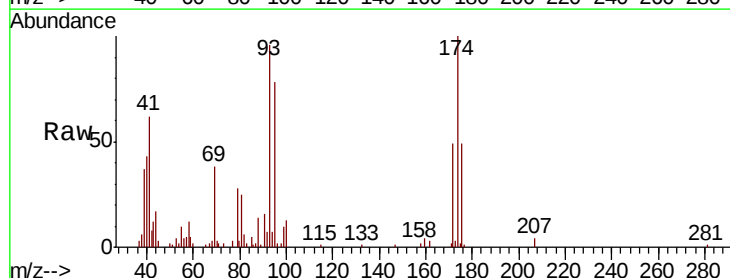
Tgt Ion: 93 Resp: 27518

Ion Ratio Lower Upper

93 100

95 83.6 65.3 97.9

174 99.6 82.7 124.1



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

15000

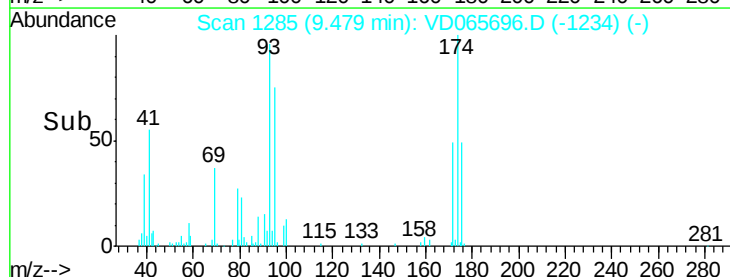
10000

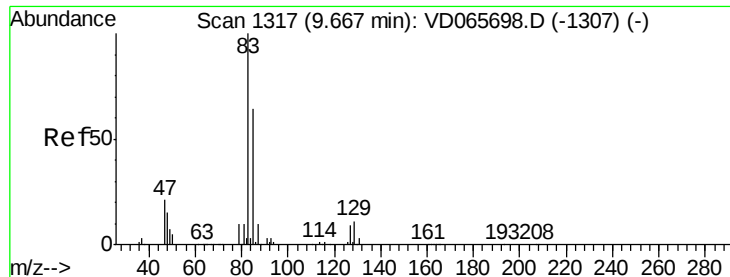
5000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 9.920 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

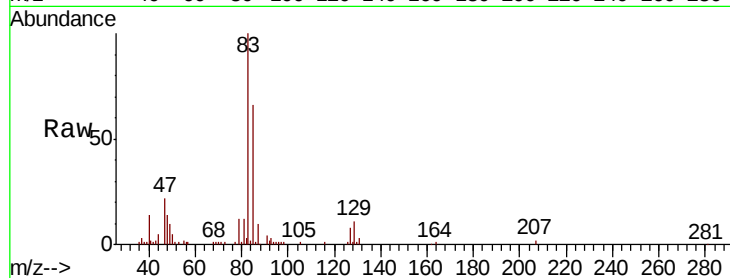
Tot Ion: 83 Resp: 73998

Ion Ratio Lower Upper

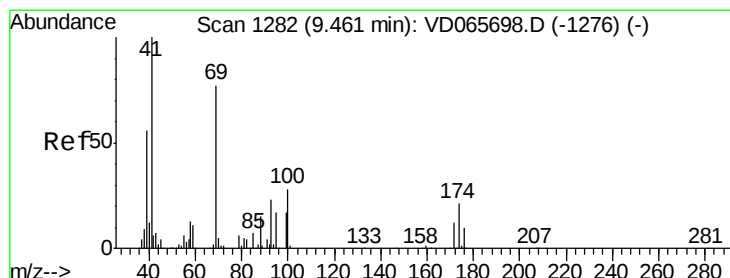
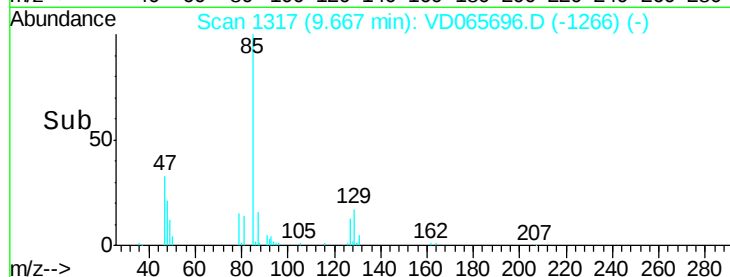
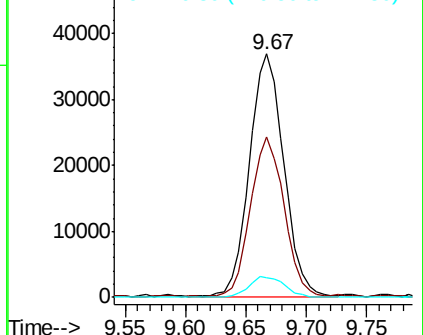
83 100

85 65.2 50.9 76.3

127 8.2 6.9 10.3



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: 14.054 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

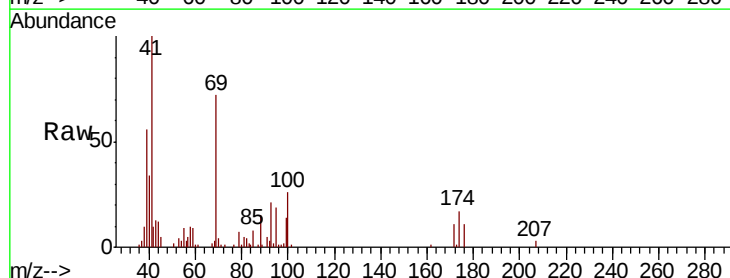
Tgt Ion: 41 Resp: 37161

Ion Ratio Lower Upper

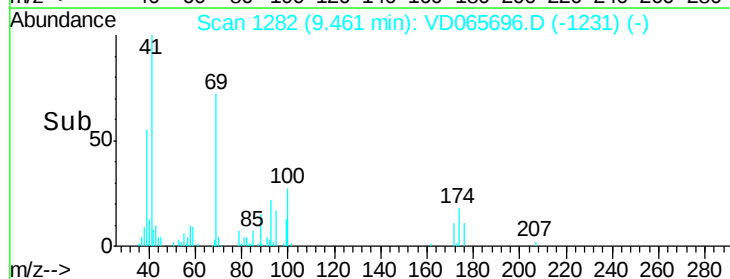
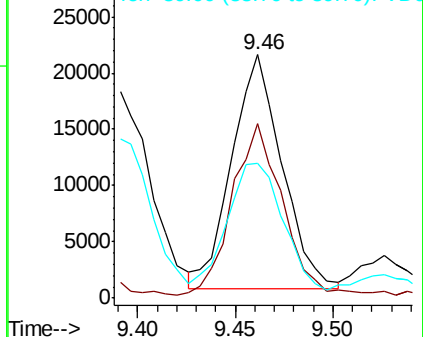
41 100

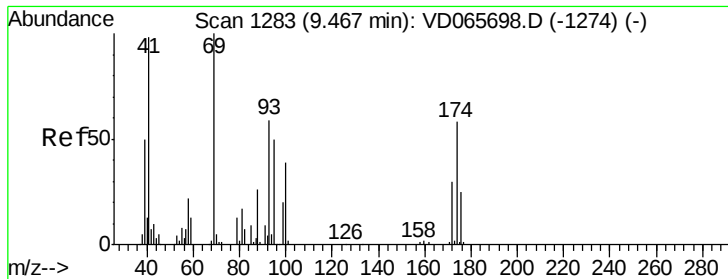
69 73.5 58.2 87.2

39 59.2 43.3 64.9



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

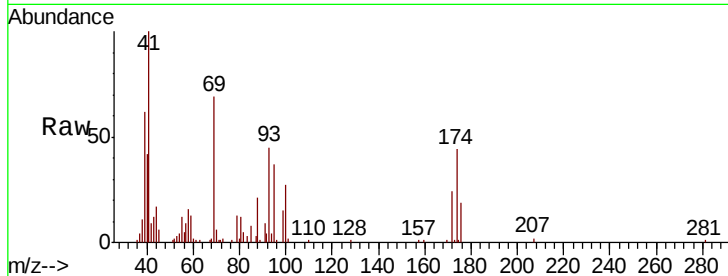




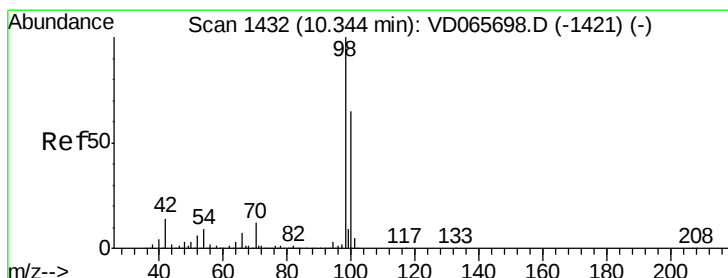
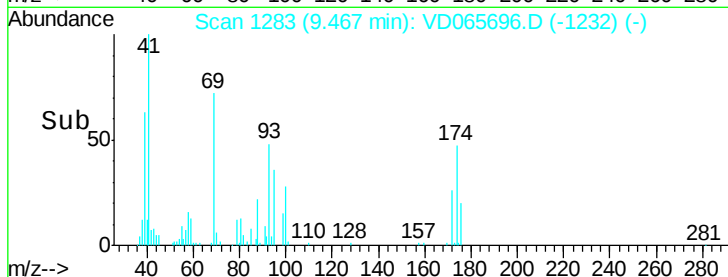
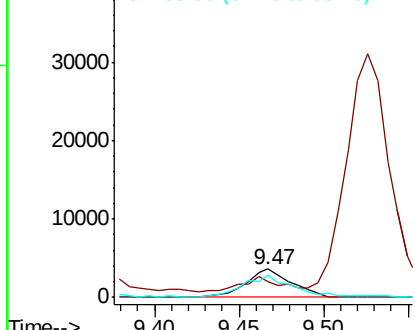
#49
1,4-Dioxane
Concen: 215.642 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 6726
Ion Ratio Lower Upper
88 100
43 45.7 31.6 47.4
58 85.7 60.2 90.4

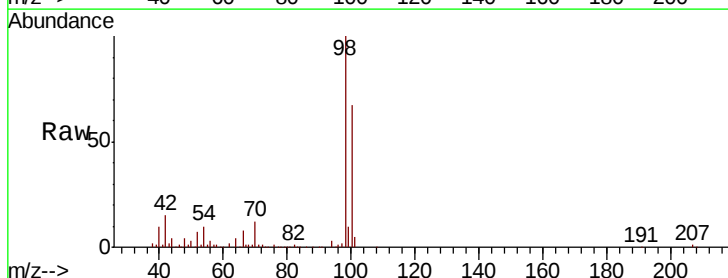


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

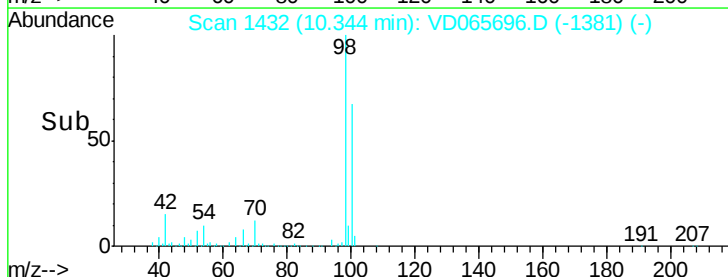
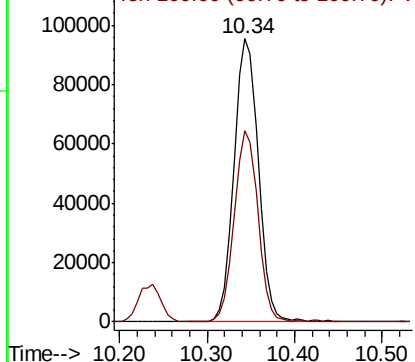


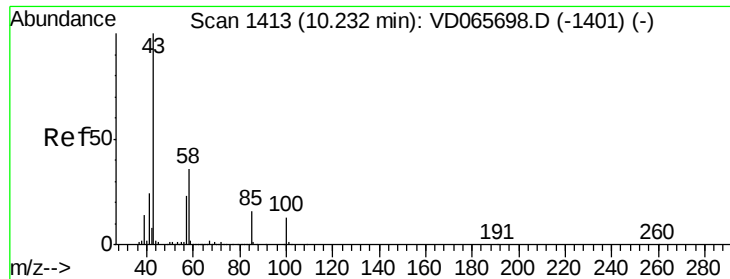
#50
Toluene-d8
Concen: 9.416 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion: 98 Resp: 179386
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



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

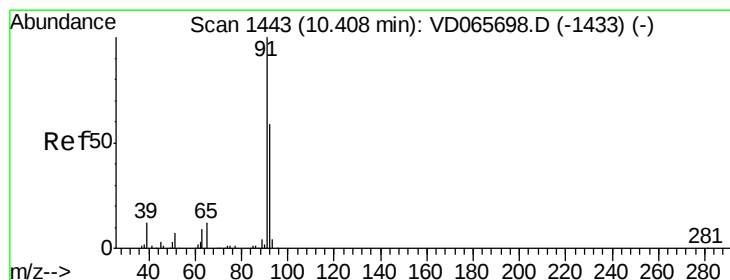
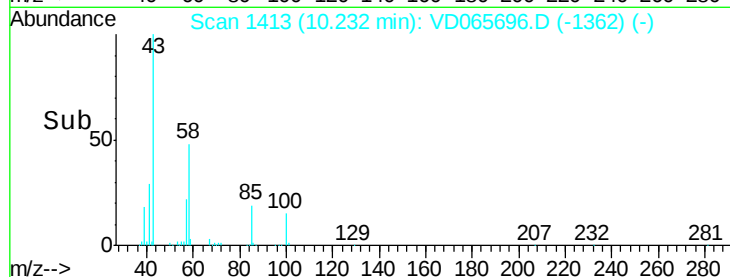
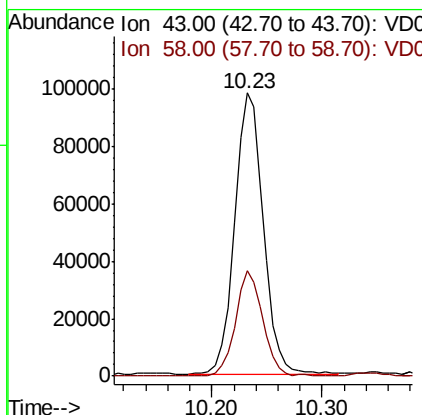
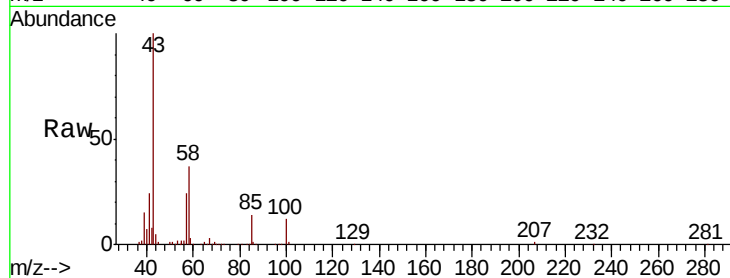




#51
4-Methyl-2-Pentanone
Concen: 62.743 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

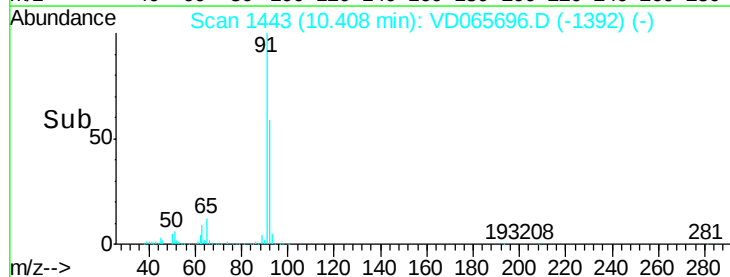
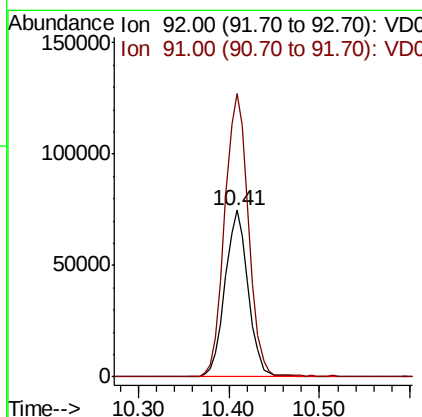
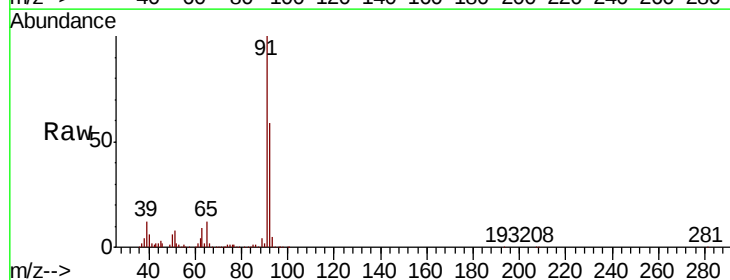
Instrument :
MSVOA_D
ClientSampled :

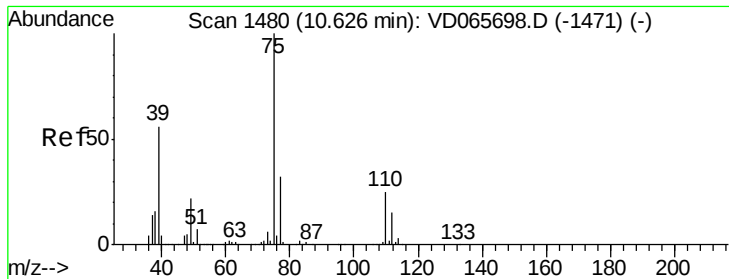
Tot Ion: 43 Resp: 178162
Ion Ratio Lower Upper
43 100
58 35.9 28.6 42.8



#52
Toluene
Concen: 9.710 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion: 92 Resp: 132206
Ion Ratio Lower Upper
92 100
91 175.1 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 10.941 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

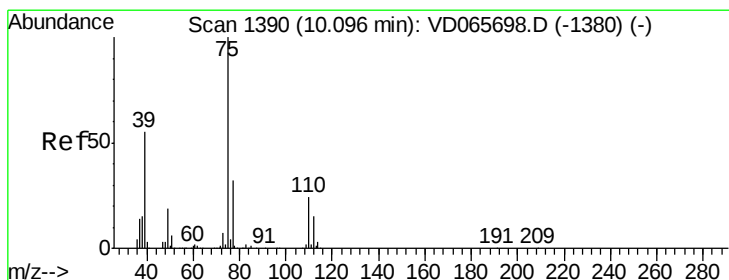
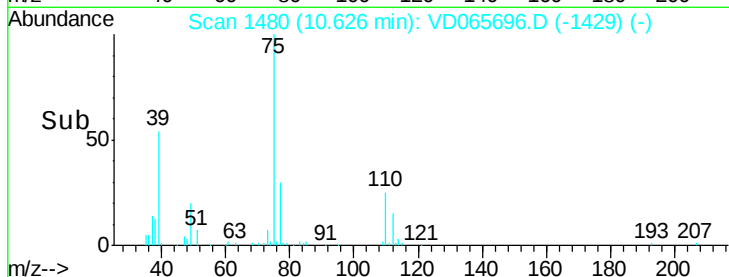
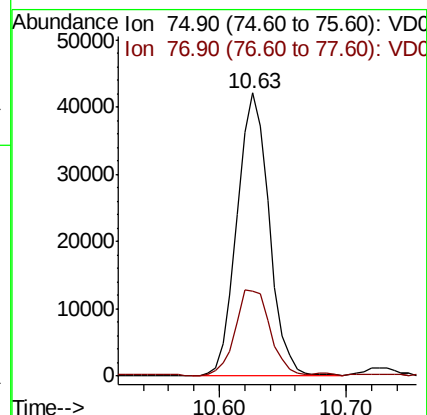
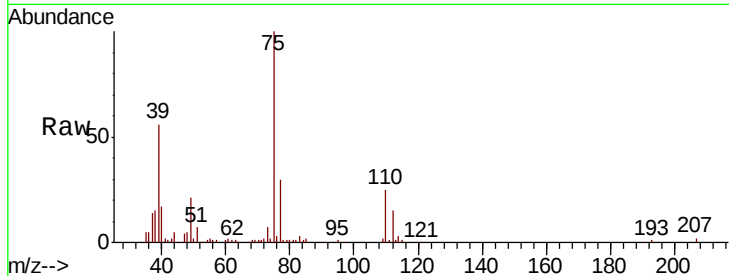
ClientSampleId :

Tot Ion: 75 Resp: 73966

Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 10.543 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

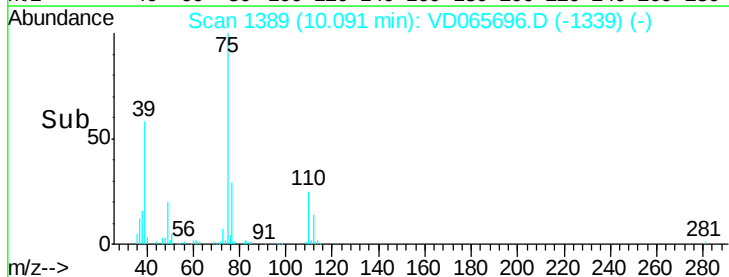
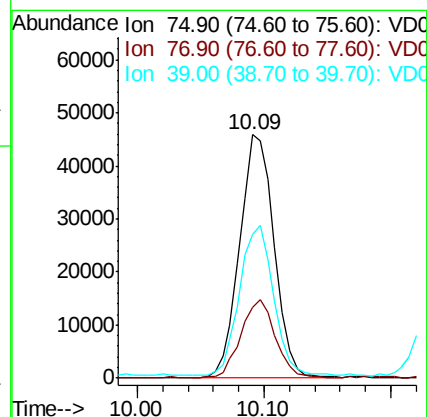
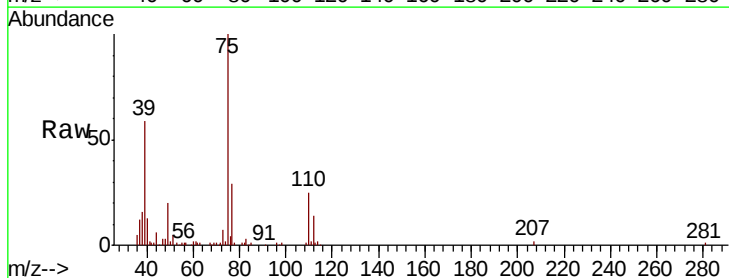
Tgt Ion: 75 Resp: 86549

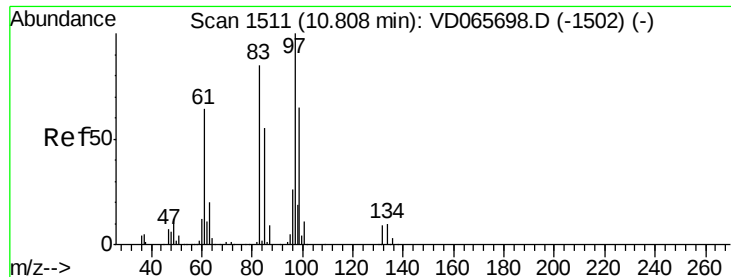
Ion Ratio Lower Upper

75 100

77 29.3 25.8 38.8

39 57.8 44.4 66.6

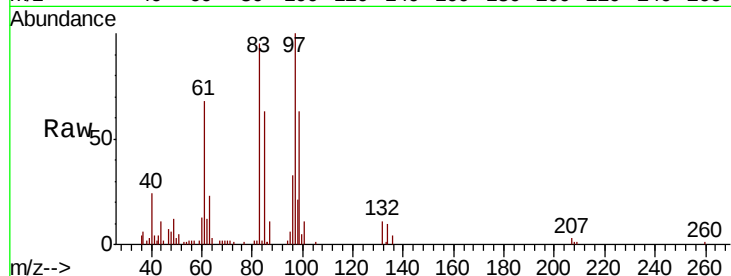




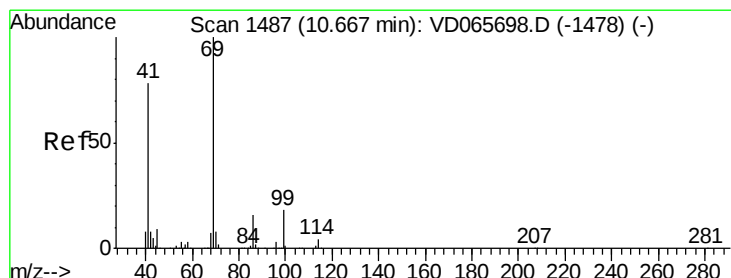
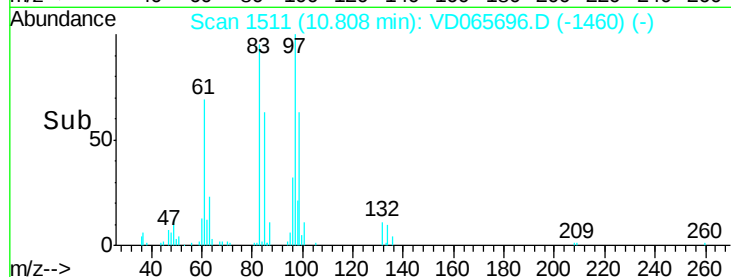
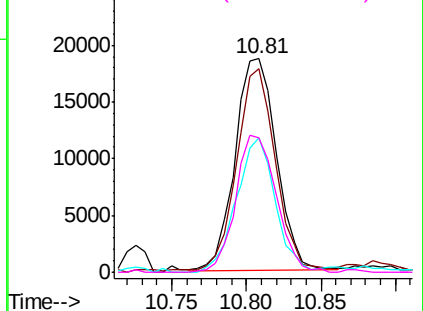
#55
1,1,2-Trichloroethane
Concen: 9.058 ug/l
RT: 10.81 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	97	Resp:	36128
Ion	Ratio	Lower	Upper
97	100		
83	95.5	68.2	102.4
85	63.8	43.6	65.4
99	63.5	52.2	78.4

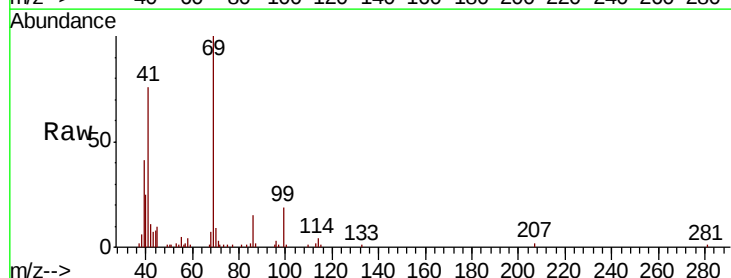


Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 98.90 (98.60 to 99.60): VDC

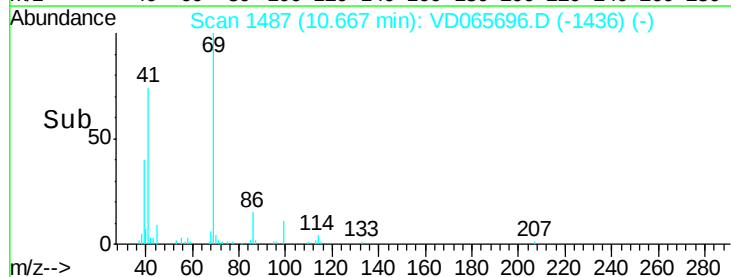
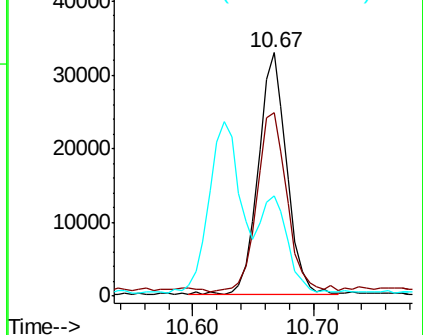


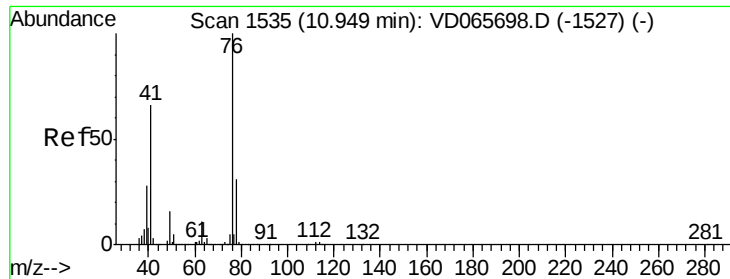
#56
Ethyl methacrylate
Concen: 12.772 ug/l
RT: 10.67 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion:	69	Resp:	53836
Ion	Ratio	Lower	Upper
69	100		
41	78.1	61.4	92.0
39	37.5	32.7	49.1



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: 10.155 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

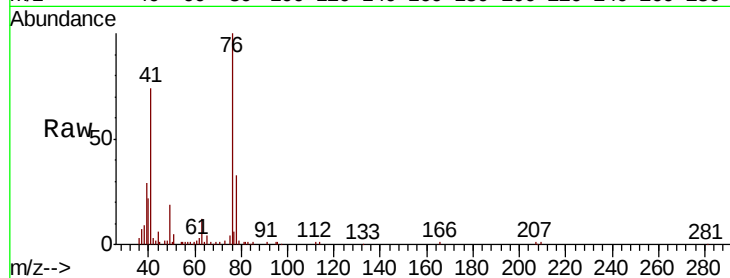
ClientSampleId :

Tot Ion: 76 Resp: 67732

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

40000

30000

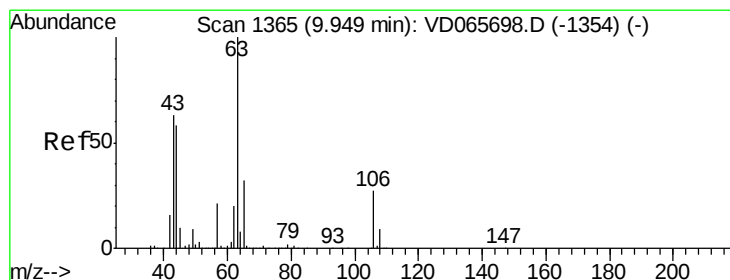
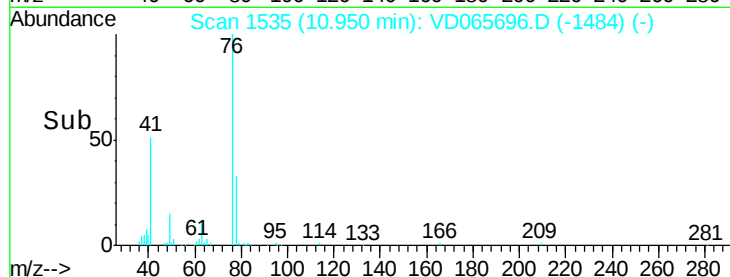
20000

10000

0

Time-->

10.90 11.00



#58

2-Chloroethyl Vinyl ether

Concen: 54.429 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065696.D

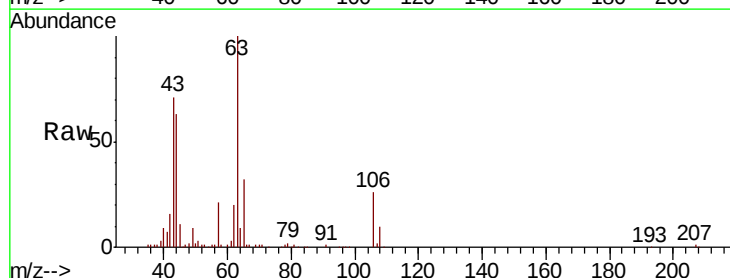
Acq: 06 May 2020 14:44

Tgt Ion: 63 Resp: 118198

Ion Ratio Lower Upper

63 100

106 26.1 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.95

60000

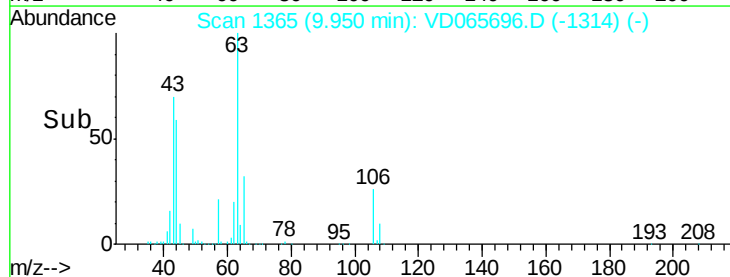
40000

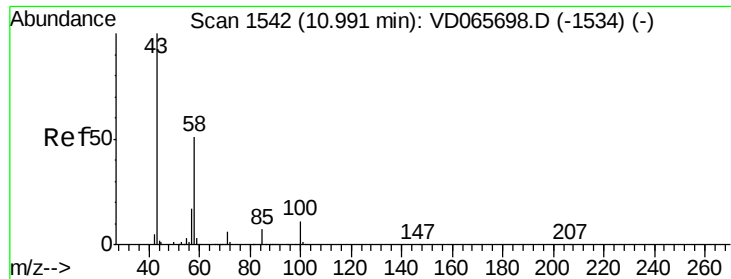
20000

0

Time-->

9.90 10.00

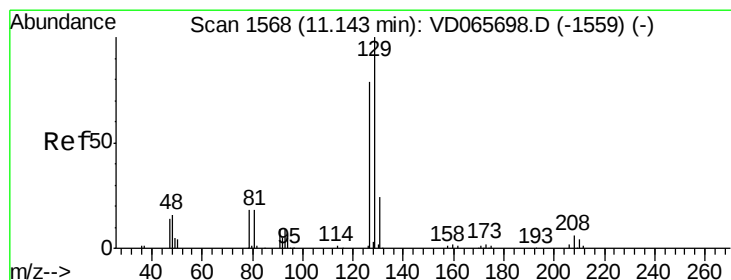
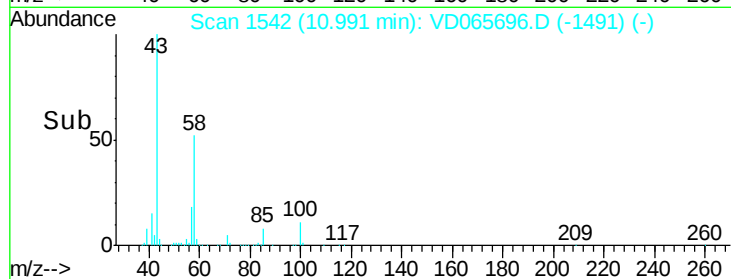
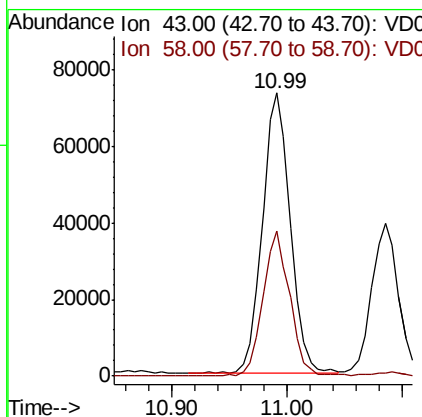
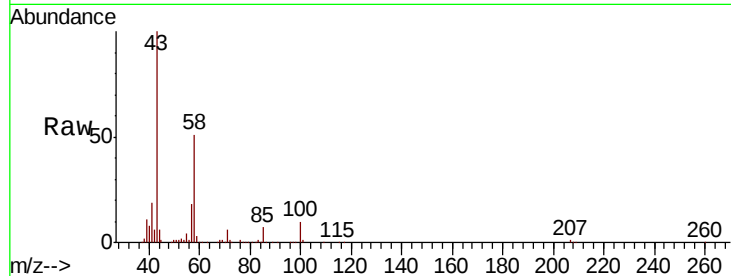




#59
2-Hexanone
Concen: 65.118 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

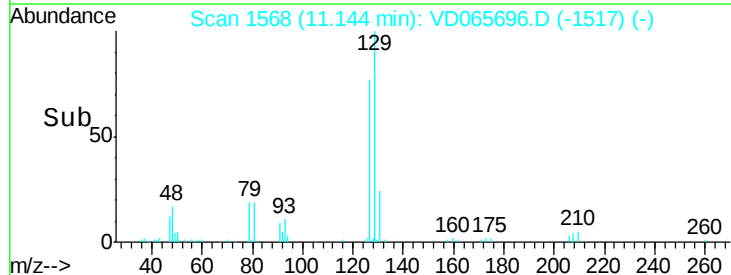
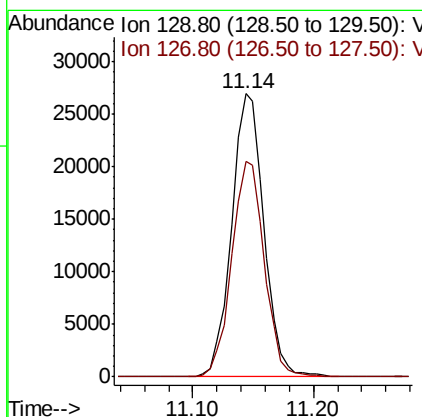
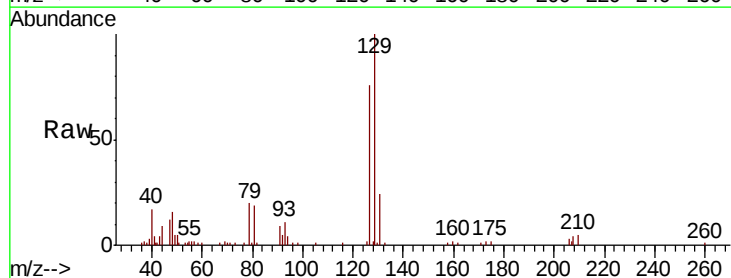
Instrument :
MSVOA_D
ClientSampled :

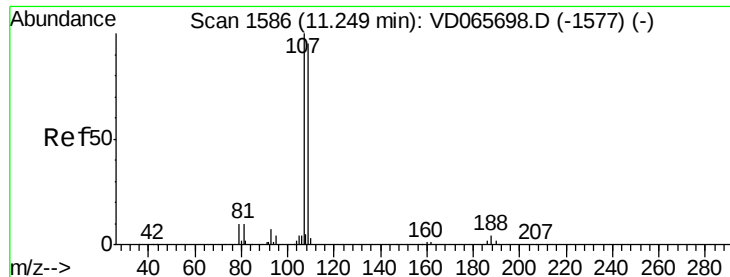
Tot Ion: 43 Resp: 123592
Ion Ratio Lower Upper
43 100
58 49.5 25.4 76.0



#60
Dibromochloromethane
Concen: 9.496 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion: 129 Resp: 50088
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 9.484 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

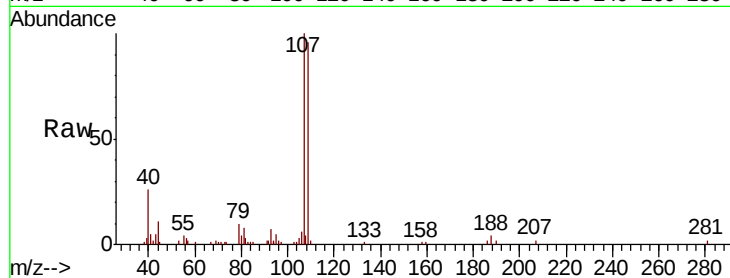
ClientSampleId :

Tot Ion: 107 Resp: 36231

Ion Ratio Lower Upper

107 100

109 97.8 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.25

20000

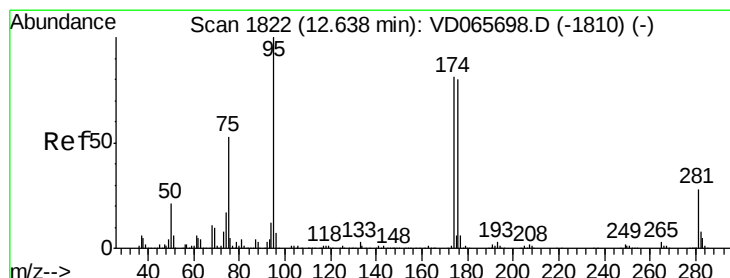
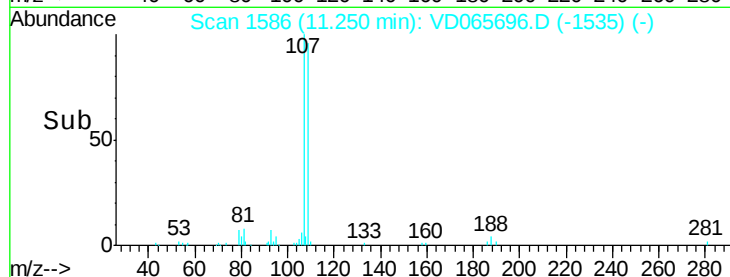
15000

10000

5000

0

Time--> 11.20 11.30



#62

4-Bromofluorobenzene

Concen: 10.383 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

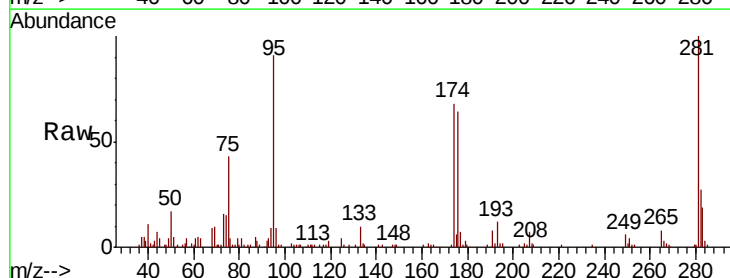
Tgt Ion: 95 Resp: 64616

Ion Ratio Lower Upper

95 100

174 79.4 0.0 162.6

176 77.7 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

50000

40000

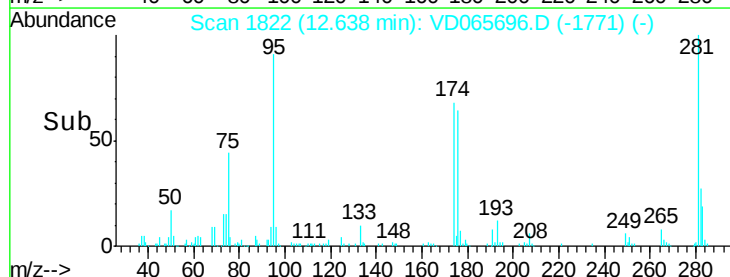
30000

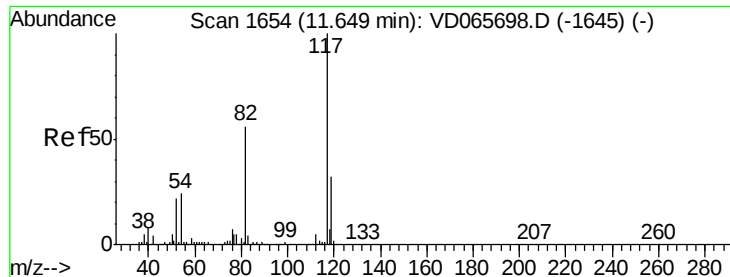
20000

10000

0

Time--> 12.55 12.60 12.65 12.70

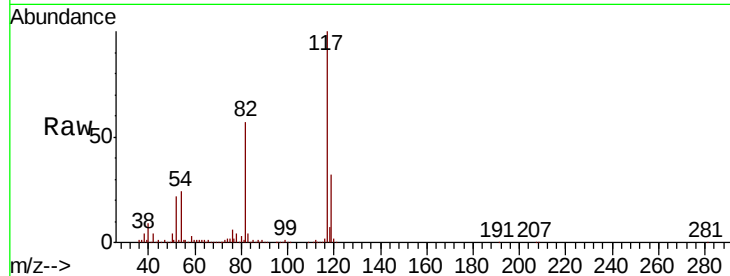




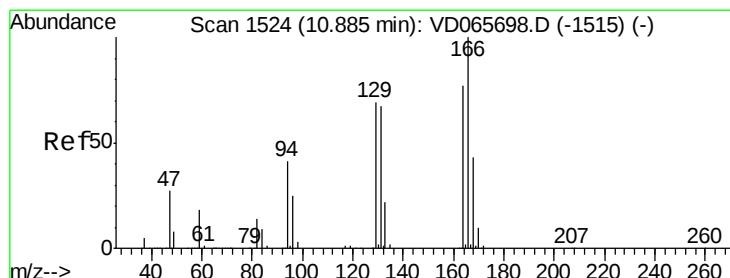
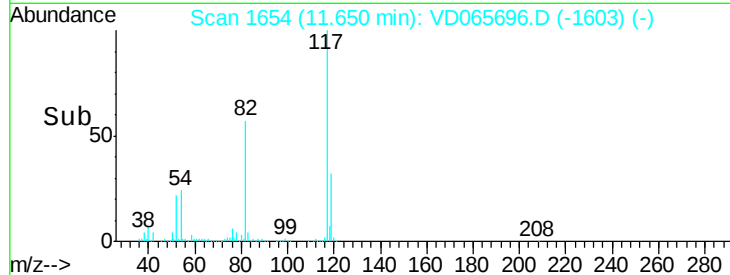
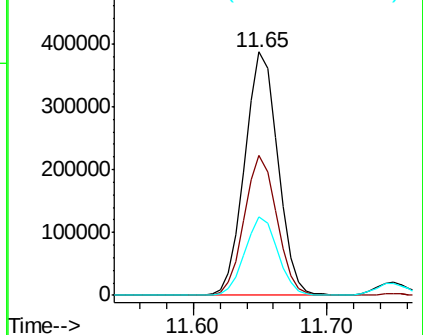
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 666147
Ion Ratio Lower Upper
117 100
82 57.4 44.9 67.3
119 32.3 25.4 38.2

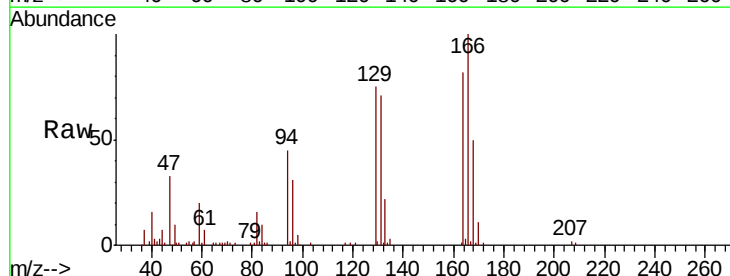


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

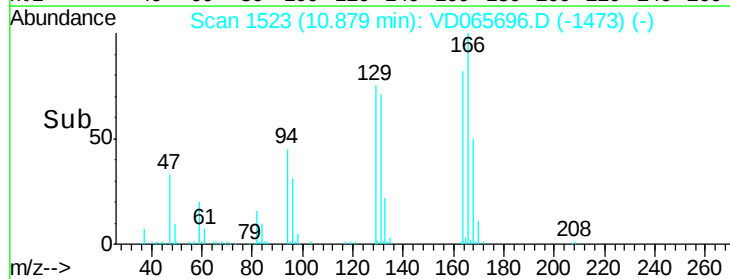
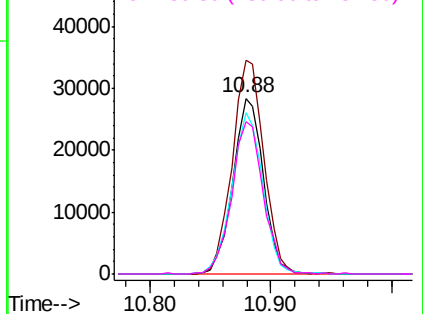


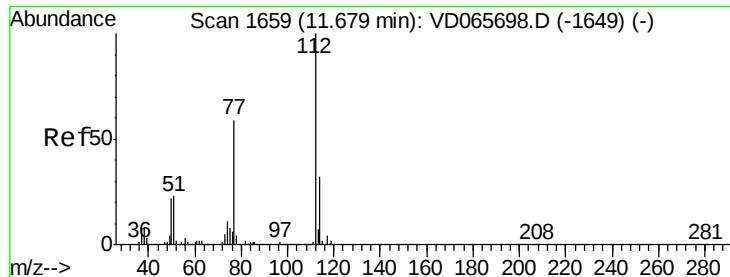
#64
Tetrachloroethene
Concen: 9.755 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.01 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion:164 Resp: 50049
Ion Ratio Lower Upper
164 100
166 121.5 104.3 156.5
129 91.5 71.9 107.9
131 86.8 70.2 105.2



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

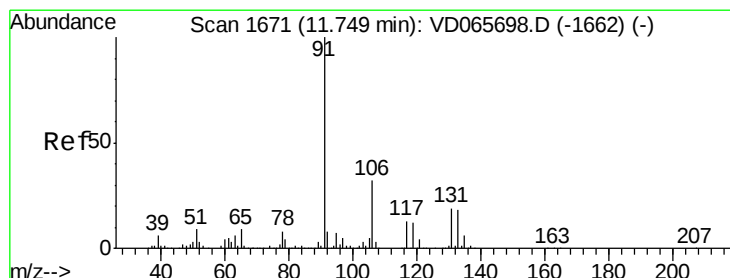
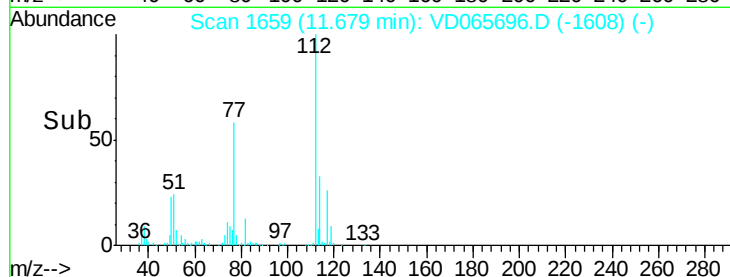
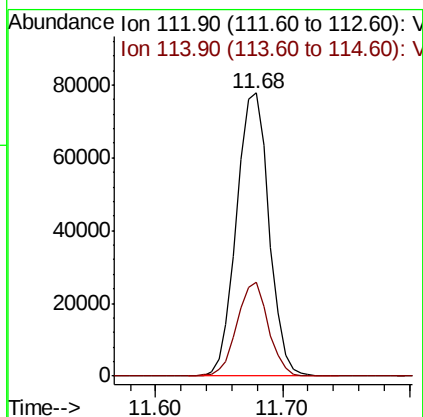
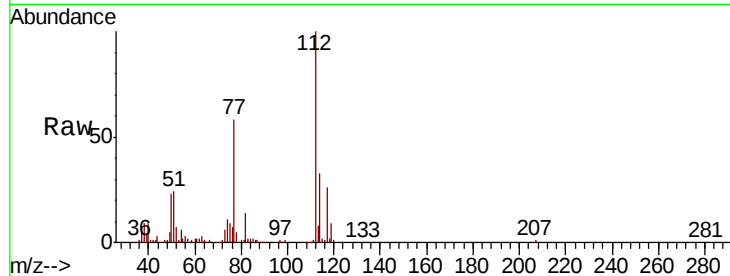




#65
Chlorobenzene
Concen: 9.855 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

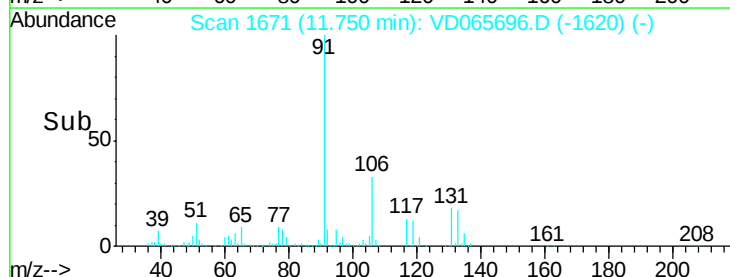
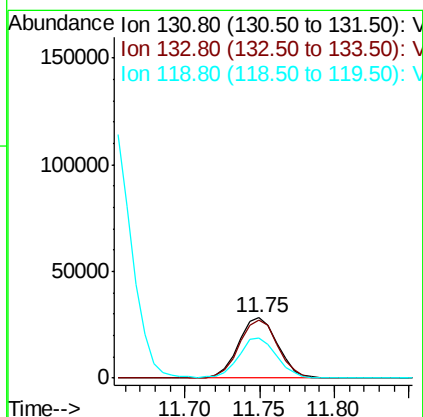
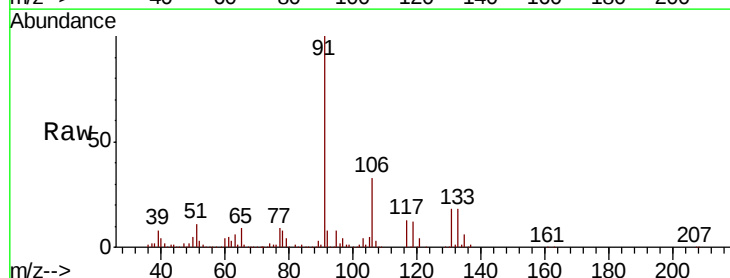
Instrument :
MSVOA_D
ClientSampled :

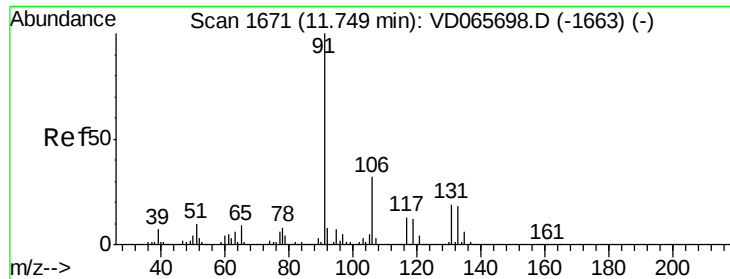
Tot Ion:112 Resp: 138487
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 9.620 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion:131 Resp: 51409
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.8
119 65.0 31.8 95.4

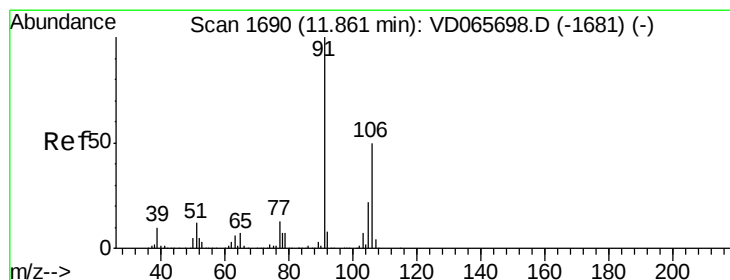
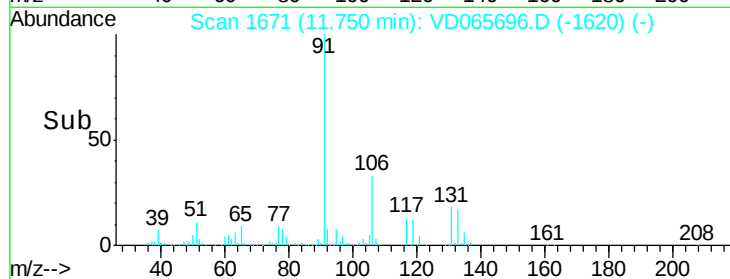
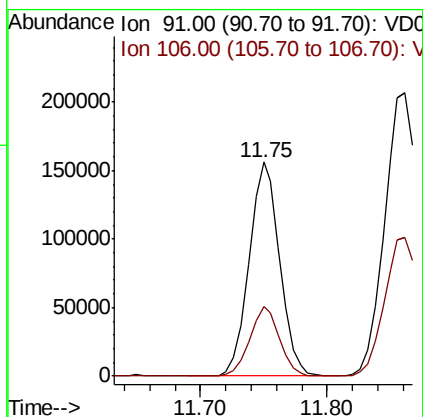
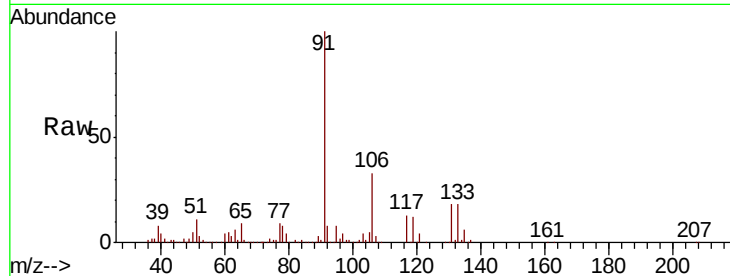




#67
Ethyl Benzene
Concen: 11.125 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

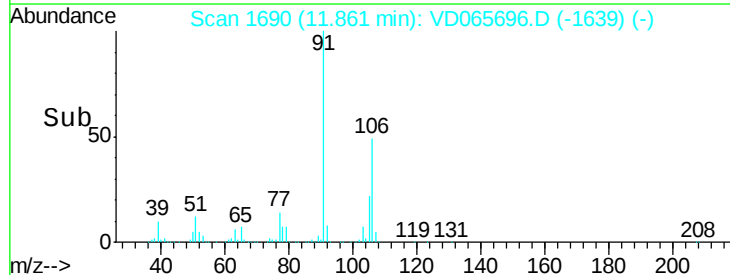
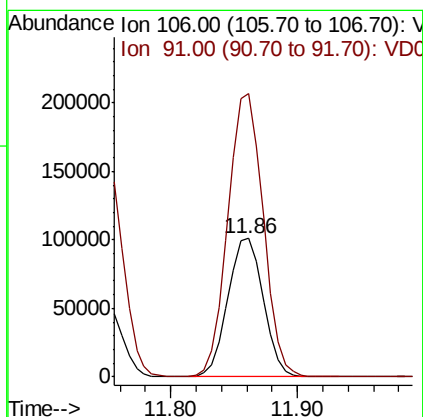
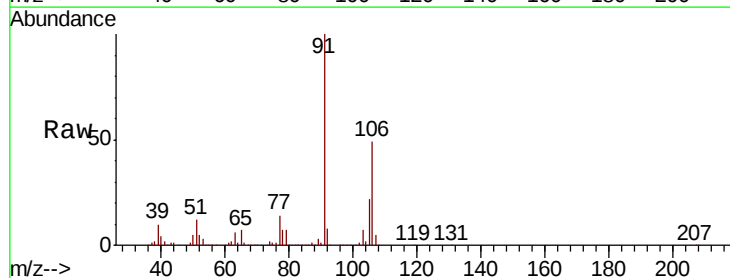
Instrument :
MSVOA_D
ClientSampled :

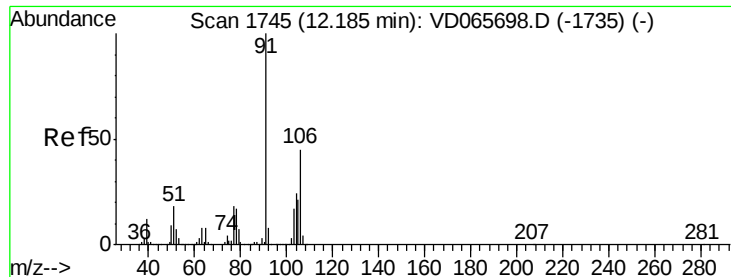
Tot Ion: 91 Resp: 260845
Ion Ratio Lower Upper
91 100
106 32.7 25.2 37.8



#68
m/p-Xylenes
Concen: 21.556 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion: 106 Resp: 196673
Ion Ratio Lower Upper
106 100
91 202.2 163.1 244.7

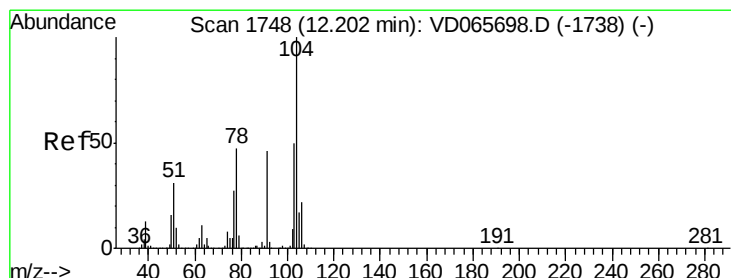
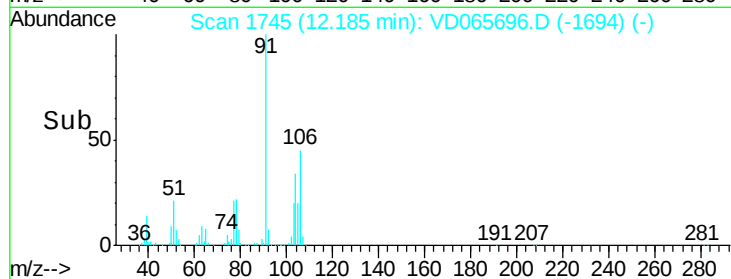
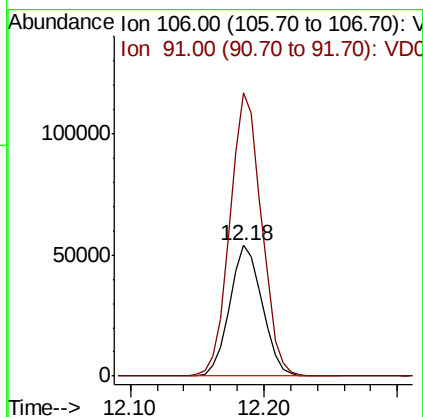
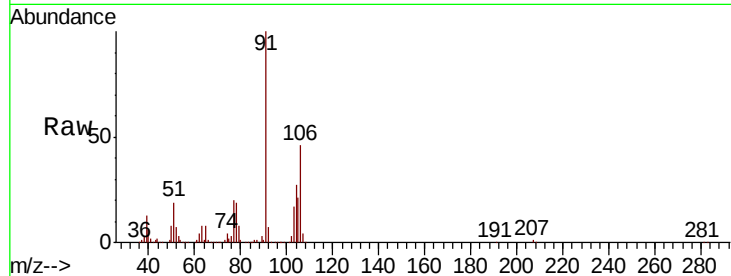




#69
o-Xylene
Concen: 11.453 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

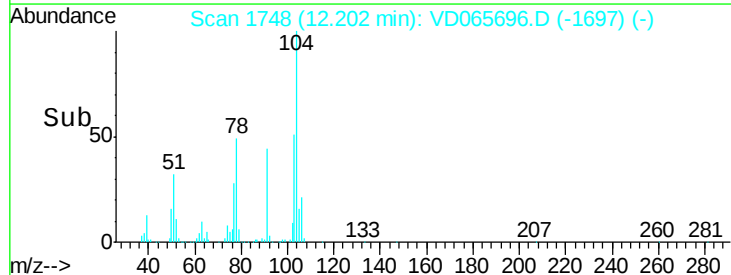
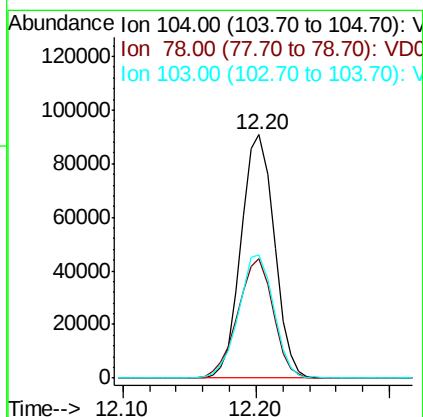
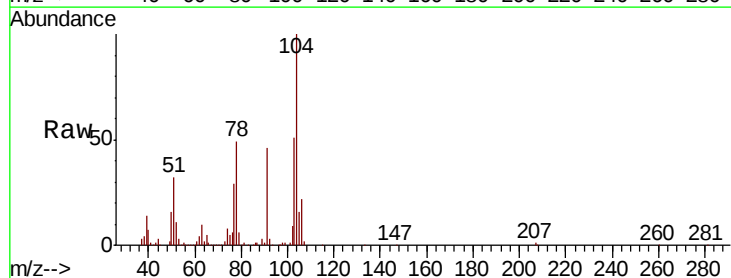
Instrument :
MSVOA_D
ClientSampleId :

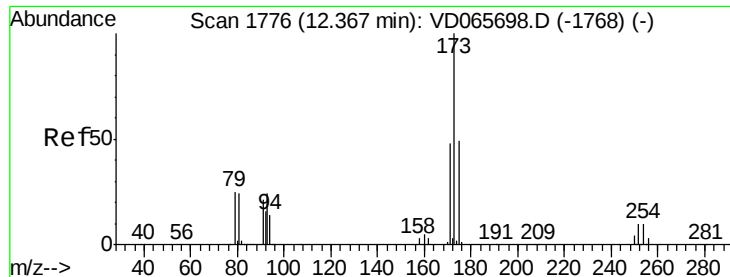
Tot Ion:106 Resp: 91354
Ion Ratio Lower Upper
106 100
91 211.6 107.9 323.7



#70
Styrene
Concen: 11.217 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion:104 Resp: 156694
Ion Ratio Lower Upper
104 100
78 52.3 41.0 61.4
103 53.7 43.8 65.6





#71

Bromoform

Concen: 9.655 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

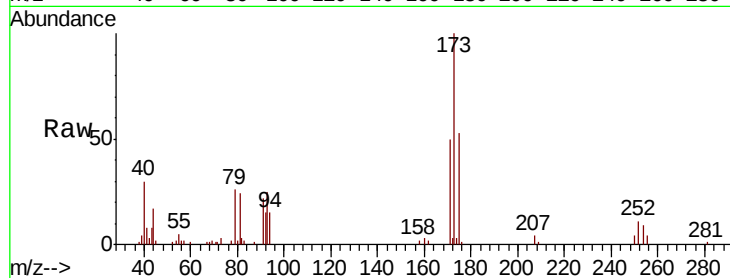
Tot Ion:173 Resp: 29192

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

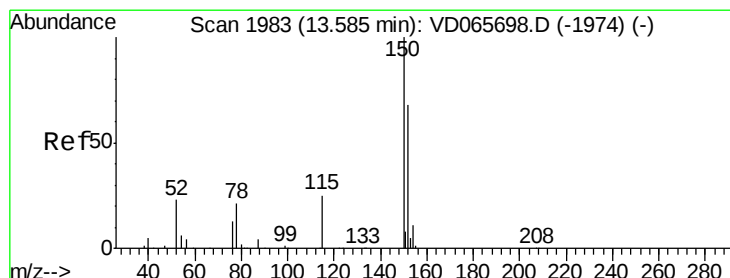
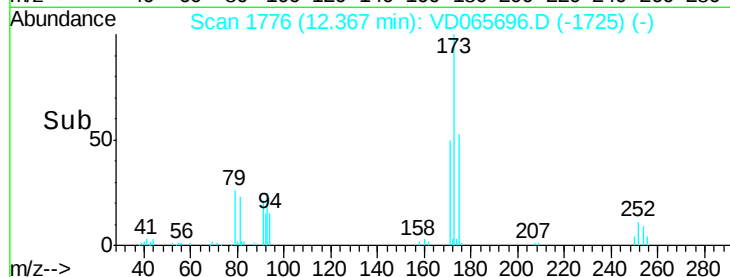
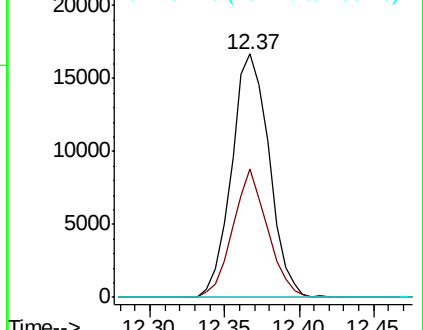
254 0.0 0.0 0.0



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# 1983

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

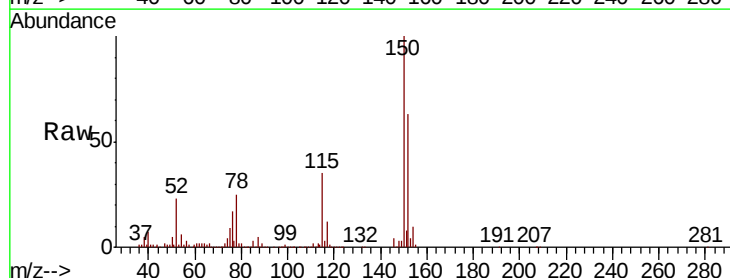
Tgt Ion:152 Resp: 316138

Ion Ratio Lower Upper

152 100

115 58.1 29.5 88.5

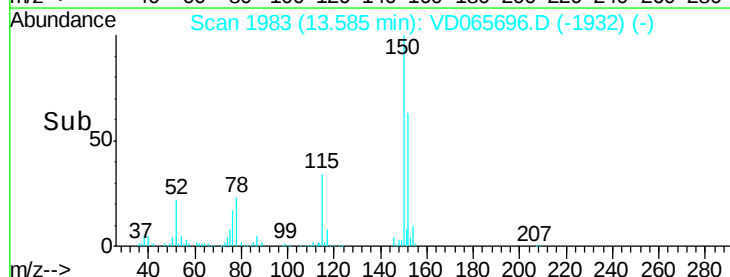
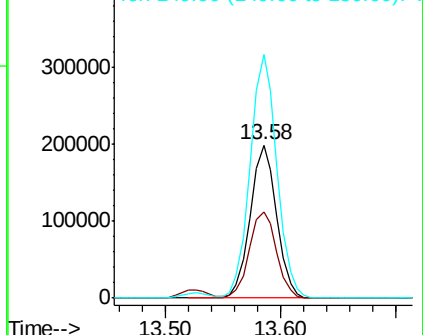
150 162.0 0.0 346.8

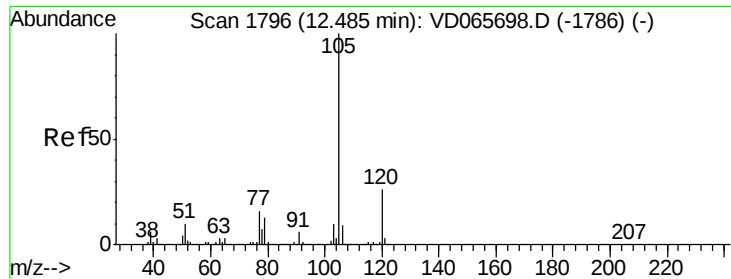


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 12.347 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

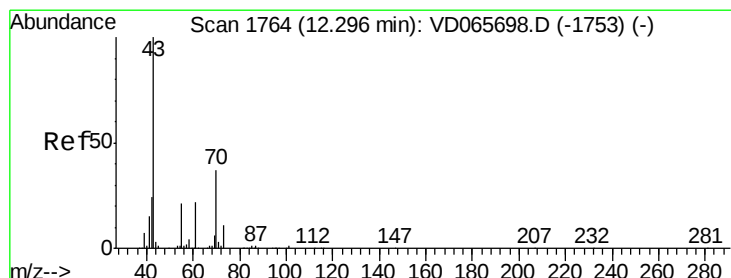
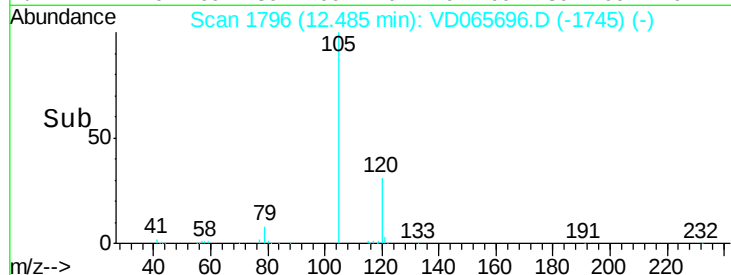
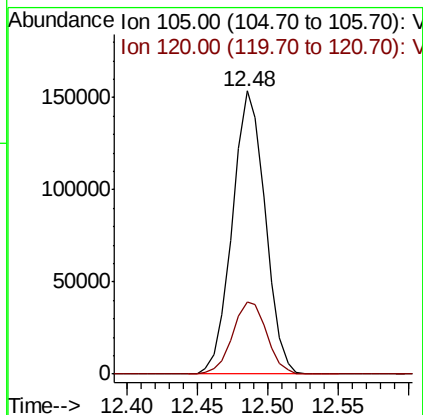
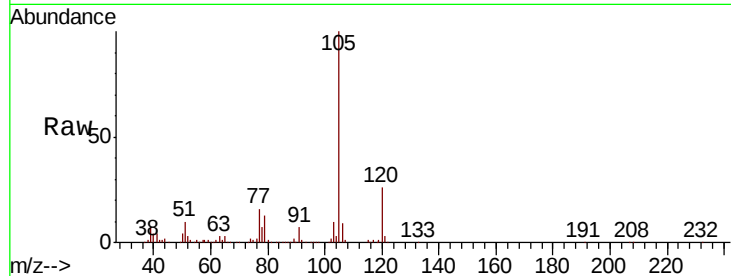
ClientSampleId :

Tot Ion: 105 Resp: 249931

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



#74

N-ethyl acetate

Concen: 16.035 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Tgt Ion: 43 Resp: 71888

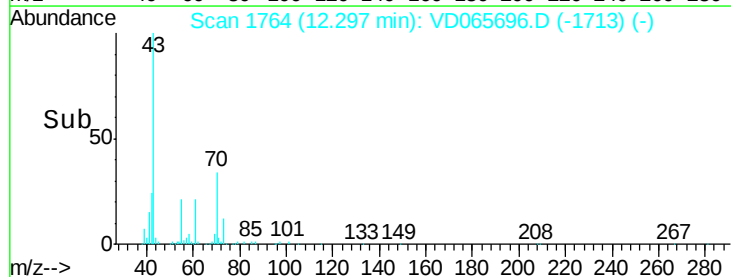
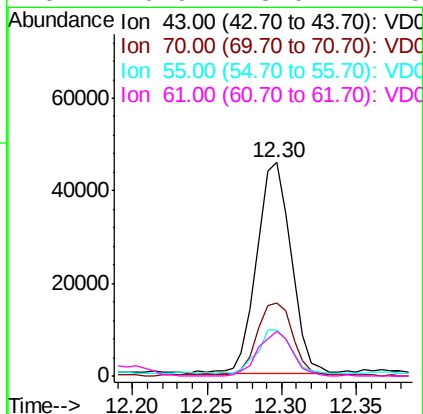
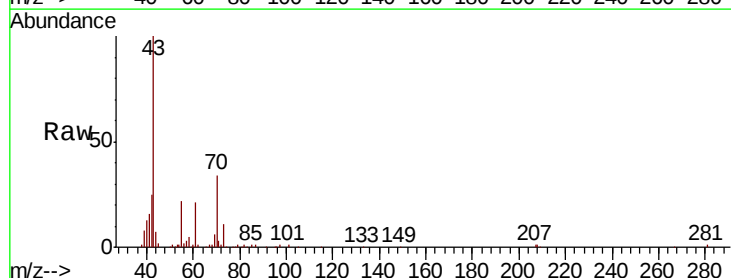
Ion Ratio Lower Upper

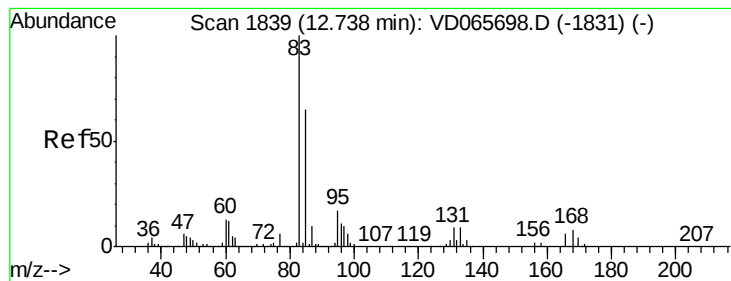
43 100

70 37.5 29.3 43.9

55 21.8 16.4 24.6

61 20.9 18.0 27.0





#75

1,1,2,2-Tetrachloroethane

Concen: 11.323 ug/l

RT: 12.74 min Scan# 1840

Delta R.T. 0.01 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

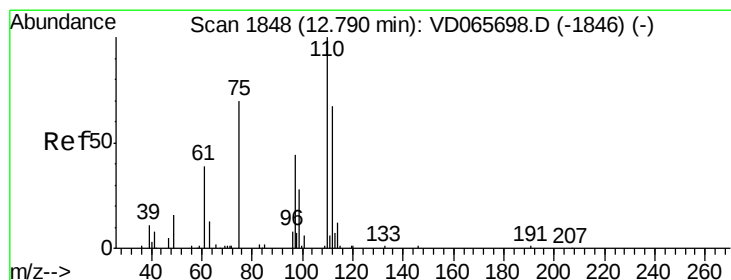
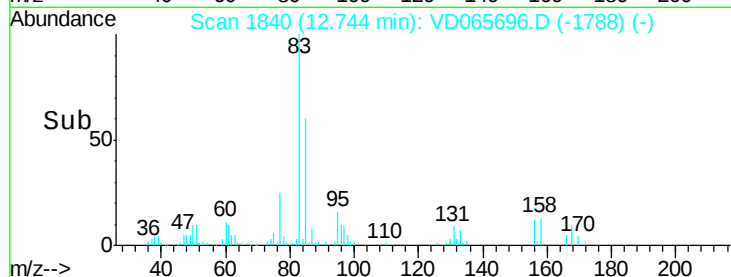
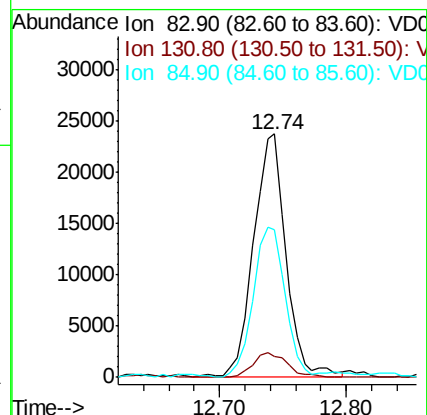
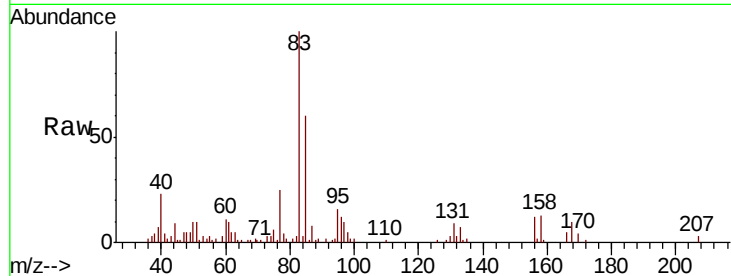
Tot Ion: 83 Resp: 42500

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.7

85 61.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 21.866 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065696.D

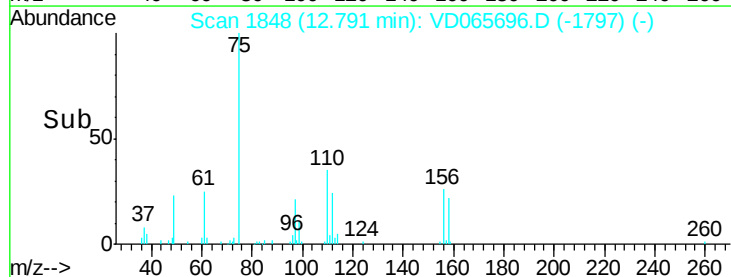
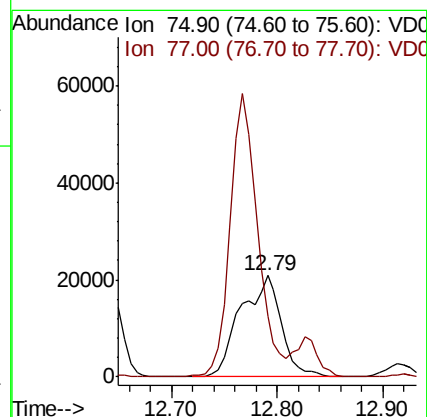
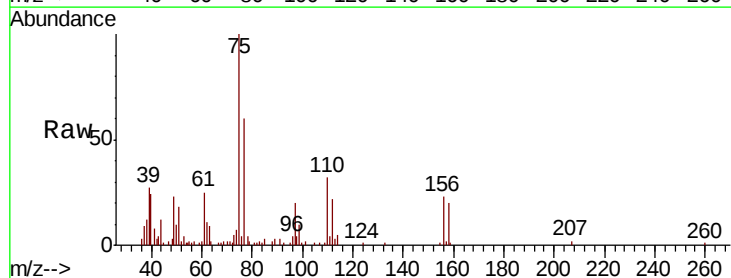
Acq: 06 May 2020 14:44

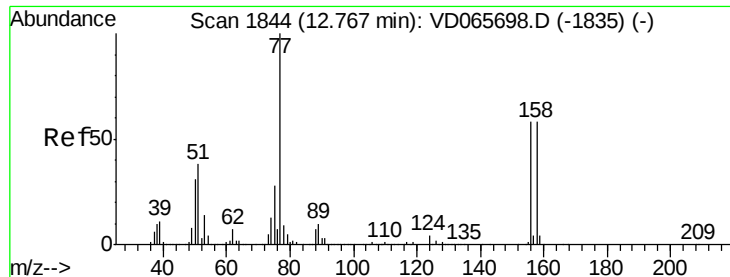
Tgt Ion: 75 Resp: 56047

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.372 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

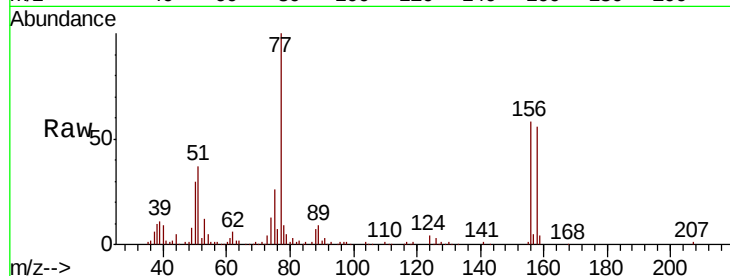
Tot Ion:156 Resp: 56445

Ion Ratio Lower Upper

156 100

77 187.2 92.9 278.7

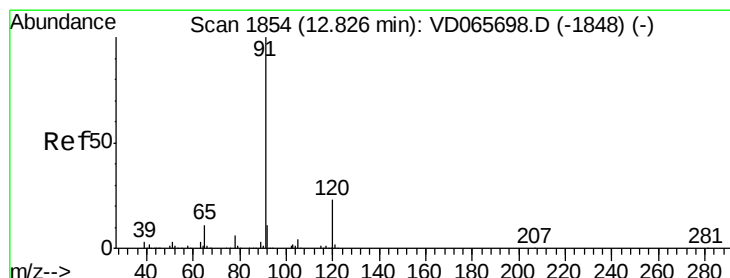
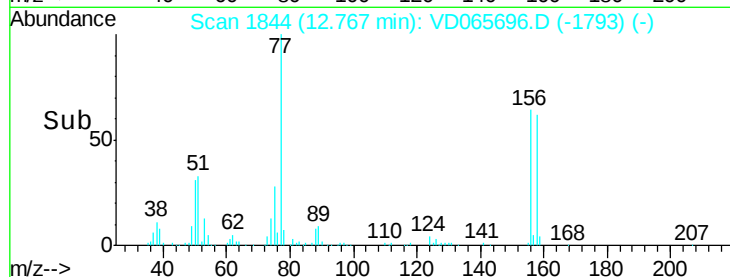
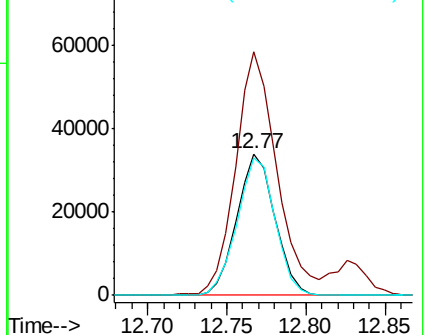
158 96.9 48.9 146.7



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: 12.094 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065696.D

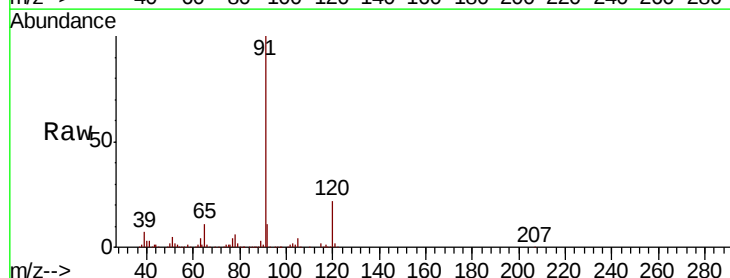
Acq: 06 May 2020 14:44

Tgt Ion: 91 Resp: 295195

Ion Ratio Lower Upper

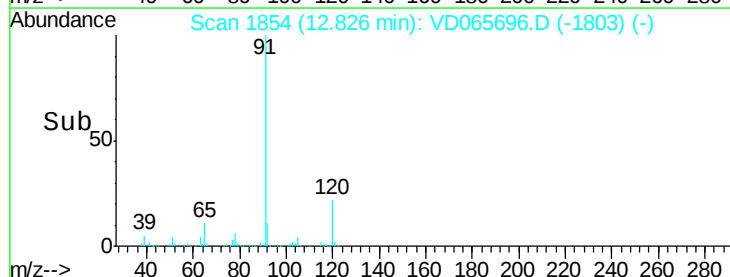
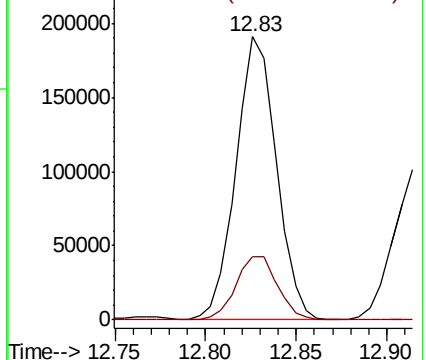
91 100

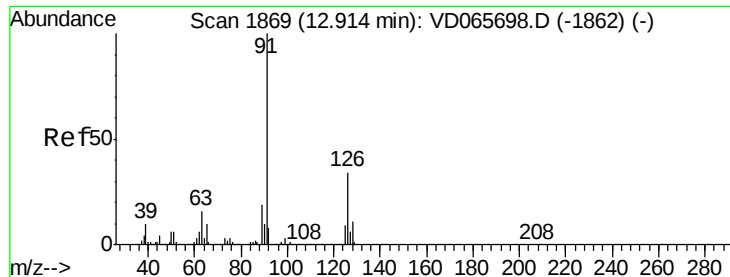
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 11.851 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

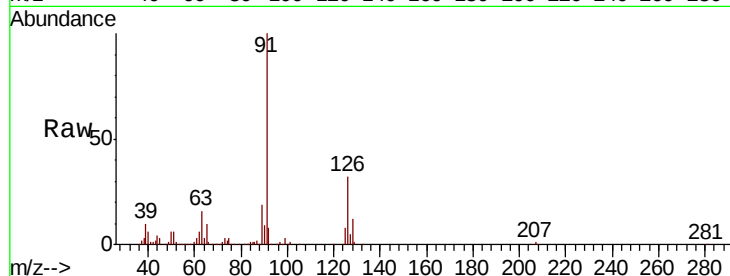
ClientSampleId :

Tot Ion: 91 Resp: 166089

Ion Ratio Lower Upper

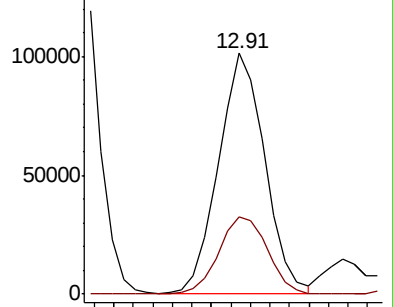
91 100

126 33.7 16.9 50.6

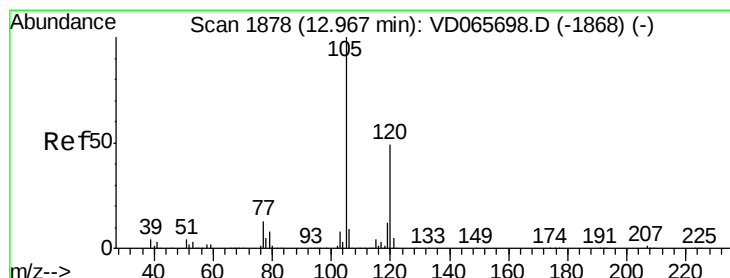
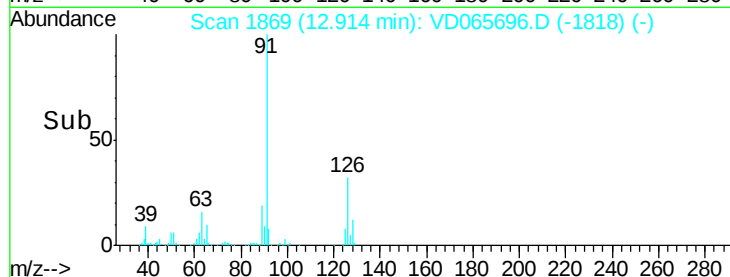


Abundance Ion 91.00 (90.70 to 91.70): VD065696.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065696.D (-1862) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 12.015 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065696.D

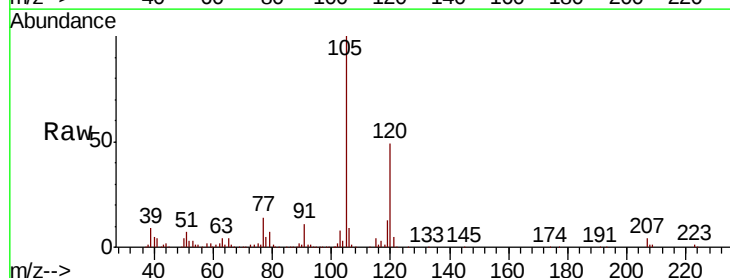
Acq: 06 May 2020 14:44

Tgt Ion:105 Resp: 204688

Ion Ratio Lower Upper

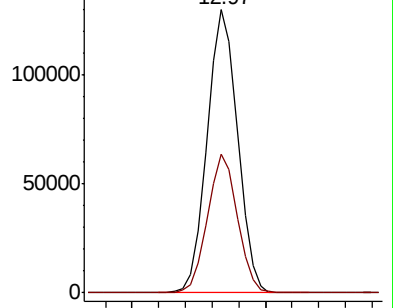
105 100

120 48.1 24.6 73.8

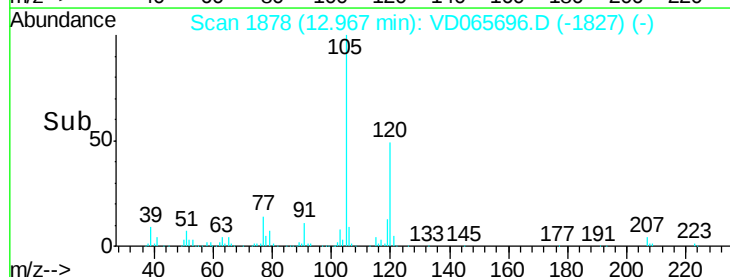


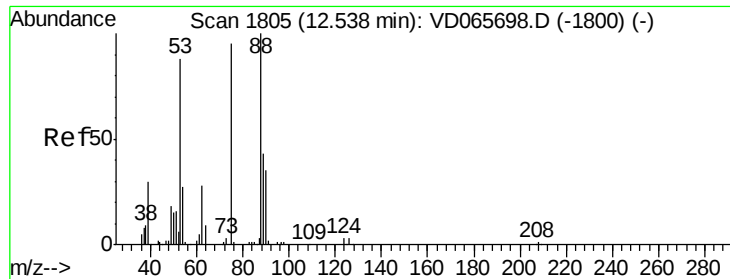
Abundance Ion 105.00 (104.70 to 105.70): VD065696.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD065696.D (-1827) (-)



Time-->

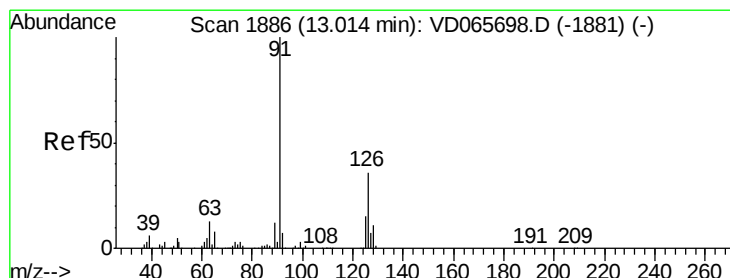
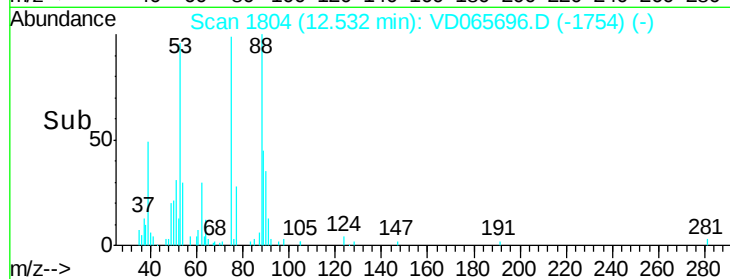
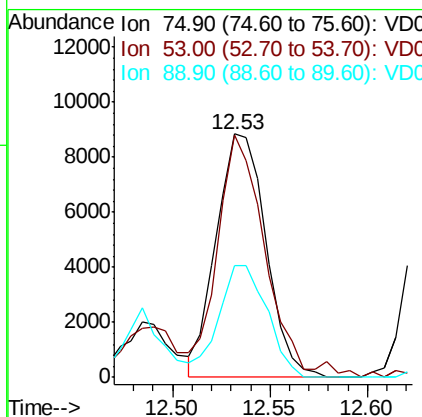
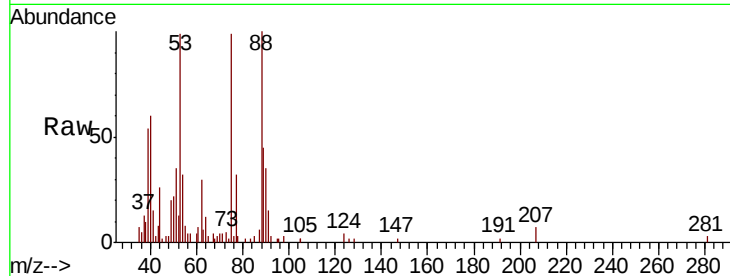




#81
trans-1,4-Dichloro-2-butene
Concen: 13.585 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

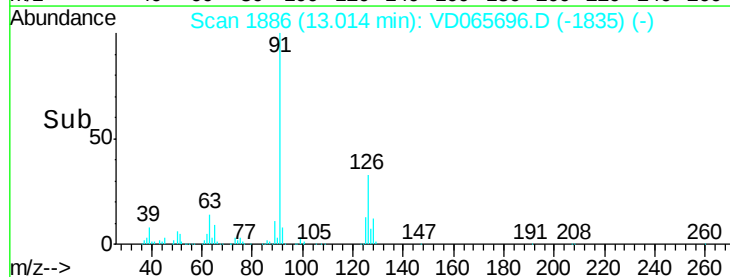
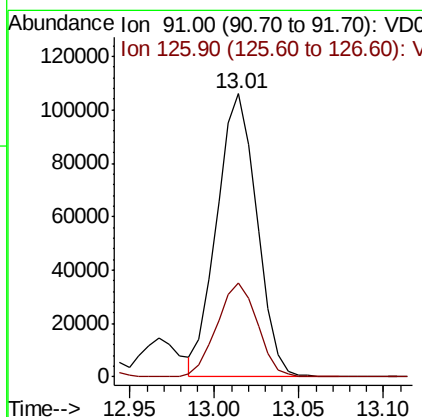
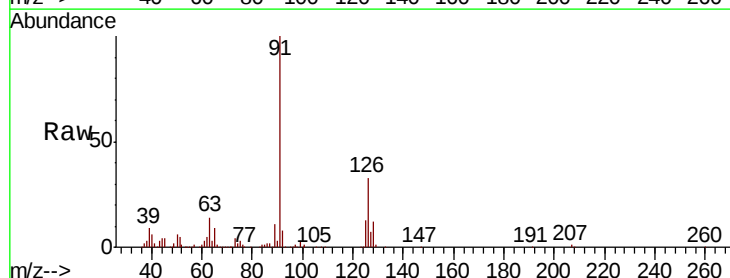
Instrument :
MSVOA_D
ClientSampled :

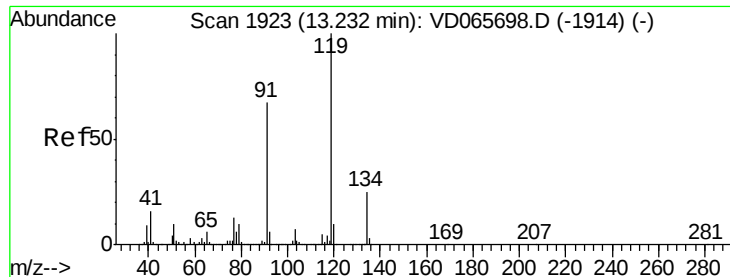
Tot Ion: 75 Resp: 15620
Ion Ratio Lower Upper
75 100
53 89.0 75.8 113.8
89 44.9 36.2 54.2



#82
4-Chlorotoluene
Concen: 11.630 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD065696.D
Acq: 06 May 2020 14:44

Tgt Ion: 91 Resp: 174704
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.3





#83

tert-Butylbenzene

Concen: 12.290 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampled :

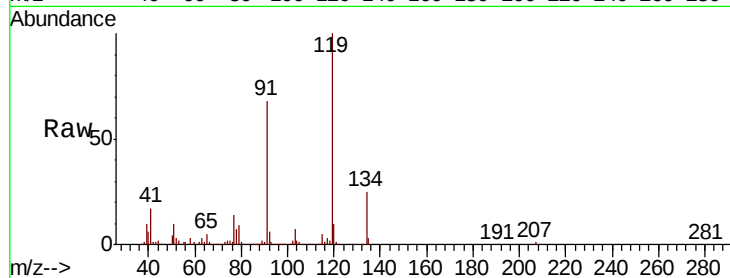
Tot Ion:119 Resp: 174224

Ion Ratio Lower Upper

119 100

91 67.9 33.6 100.8

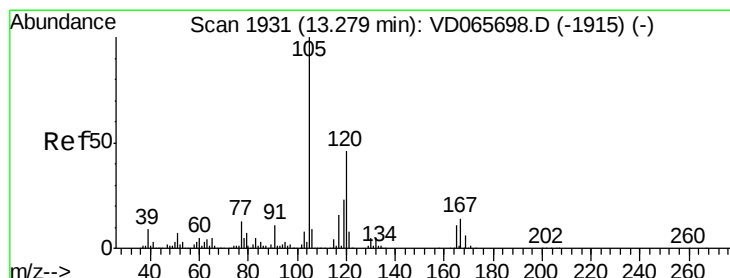
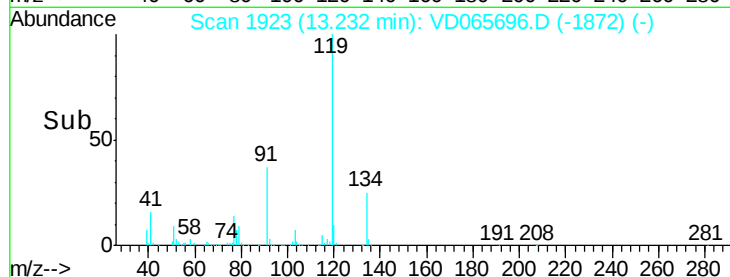
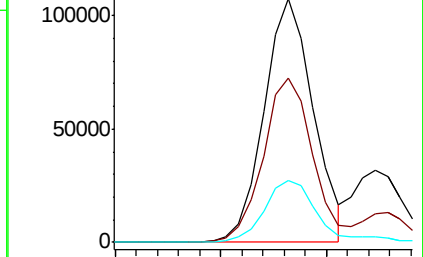
134 27.6 13.6 40.8



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: 12.131 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065696.D

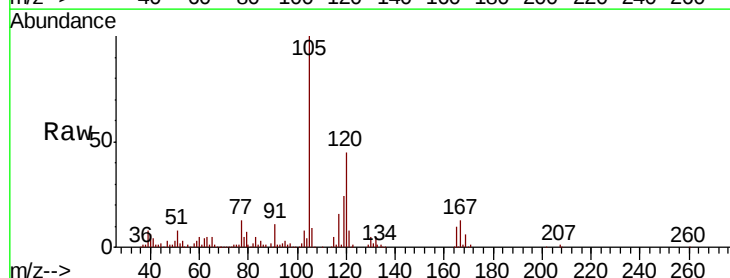
Acq: 06 May 2020 14:44

Tgt Ion:105 Resp: 204449

Ion Ratio Lower Upper

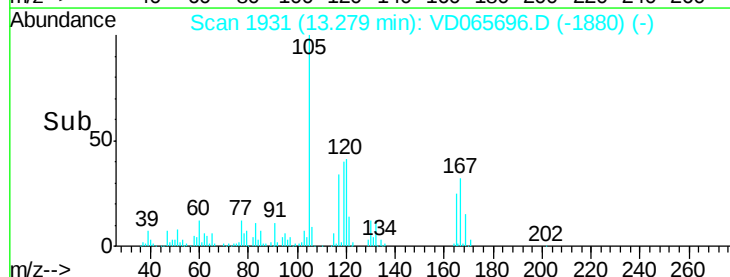
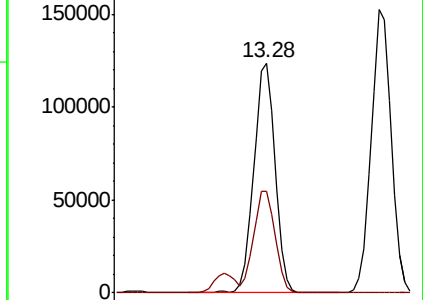
105 100

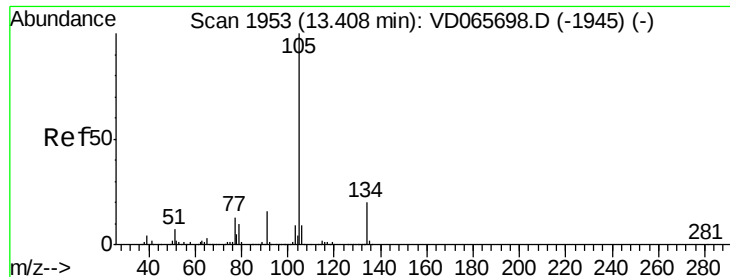
120 44.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

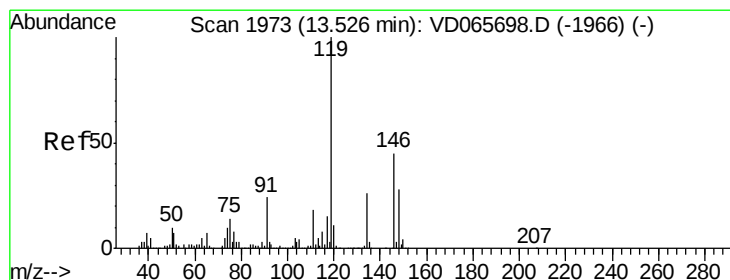
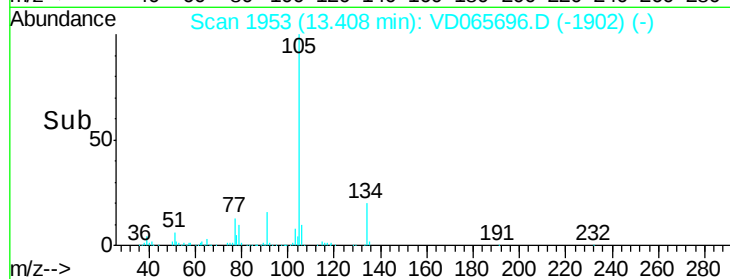
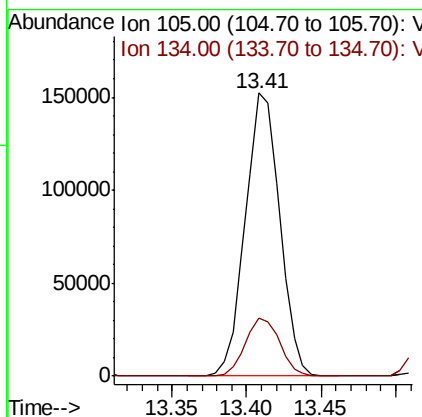
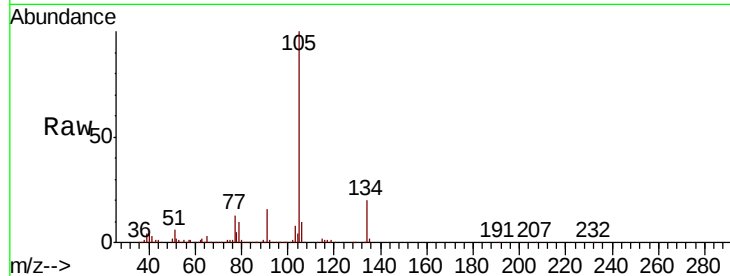




#85
 sec-Butylbenzene
 Concen: 11.955 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

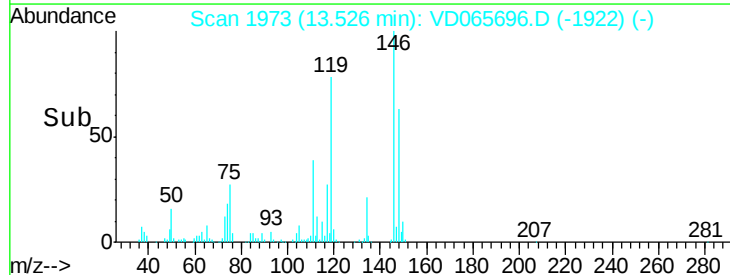
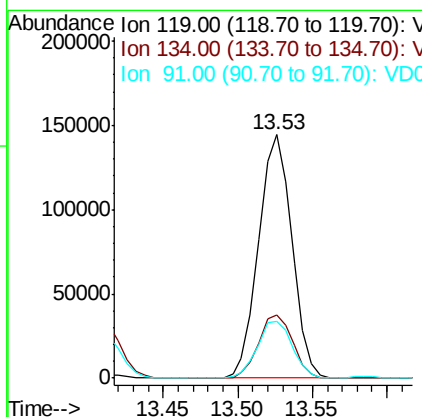
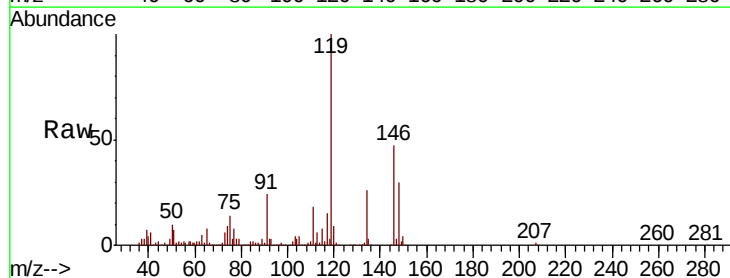
Instrument :
 MSVOA_D
 ClientSampleId :

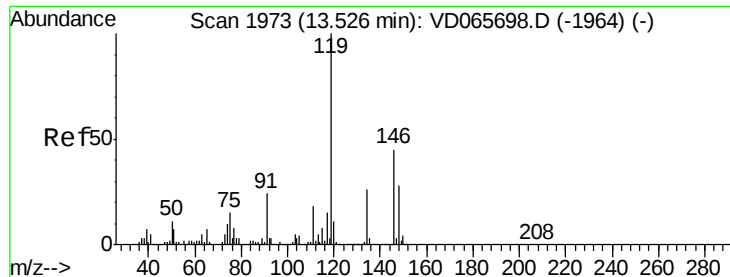
Tot Ion:105 Resp: 242989
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 12.017 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

Tgt Ion:119 Resp: 223538
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 24.2 12.0 36.1

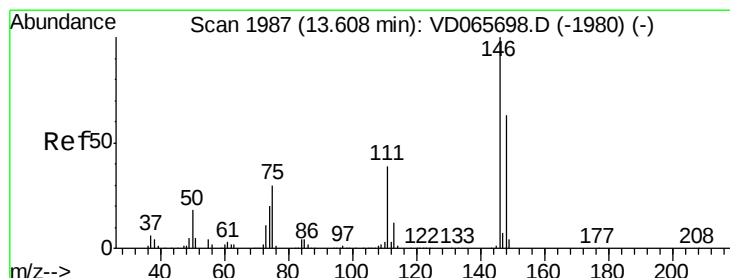
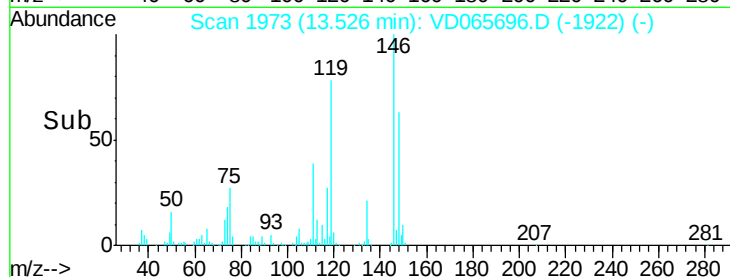
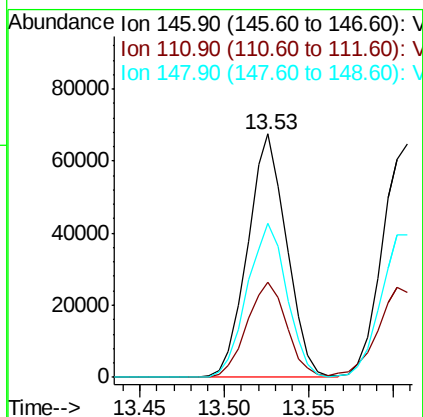
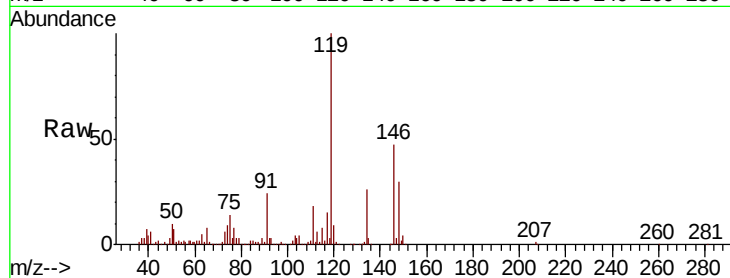




#87
 1,3-Dichlorobenzene
 Concen: 10.344 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

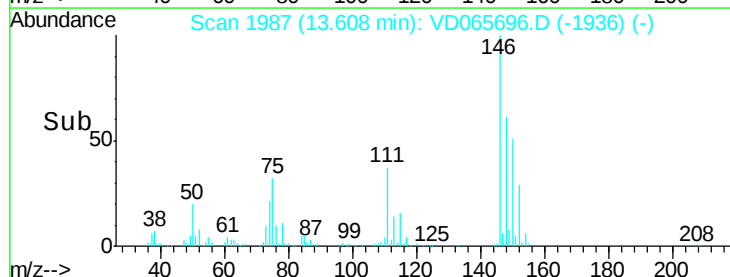
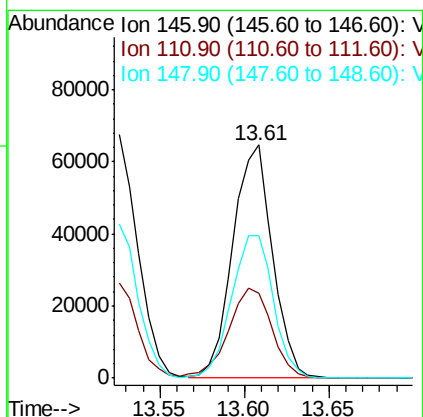
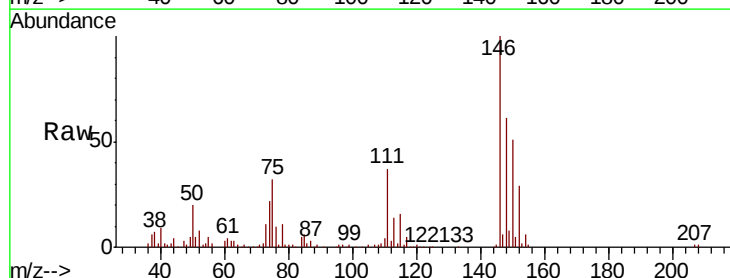
Instrument :
 MSVOA_D
 ClientSampleID :

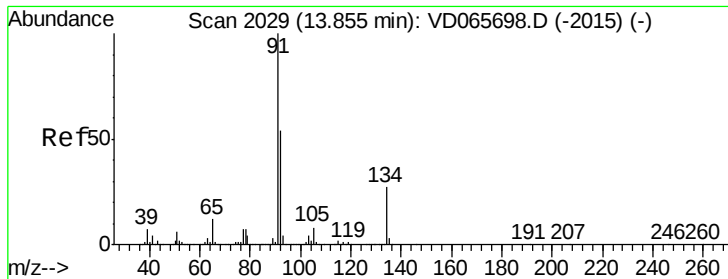
Tot Ion:146 Resp: 108506
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.8
 148 64.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 10.095 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

Tgt Ion:146 Resp: 105691
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.6 58.7
 148 64.7 31.9 95.5





#89

n-Butylbenzene

Concen: 12.657 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

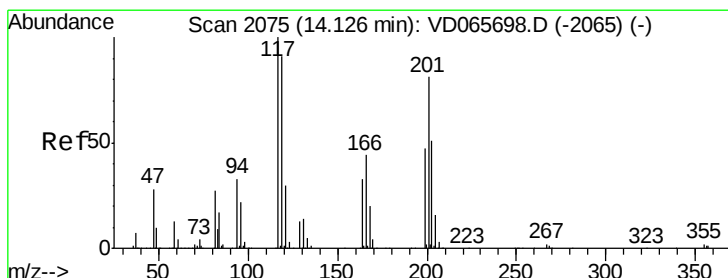
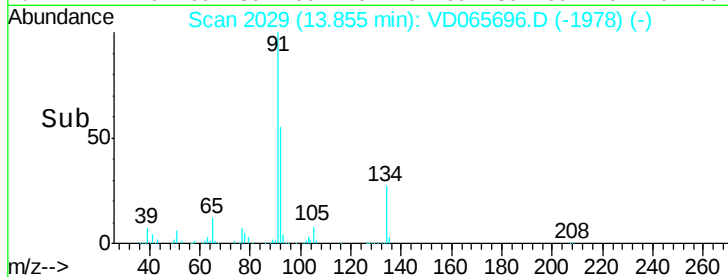
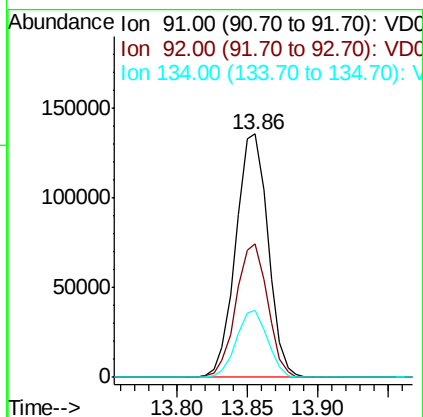
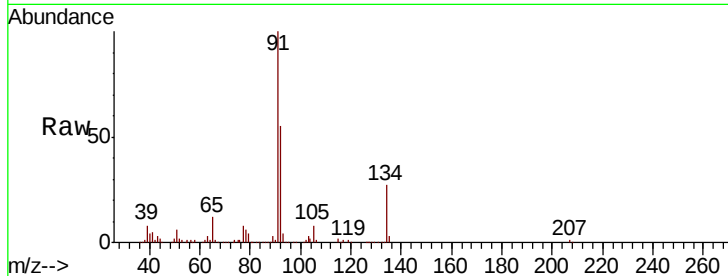
Tot Ion: 91 Resp: 216651

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.0

134 26.7 13.3 39.8



#90

Hexachloroethane

Concen: 10.962 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.01 min

Lab File: VD065696.D

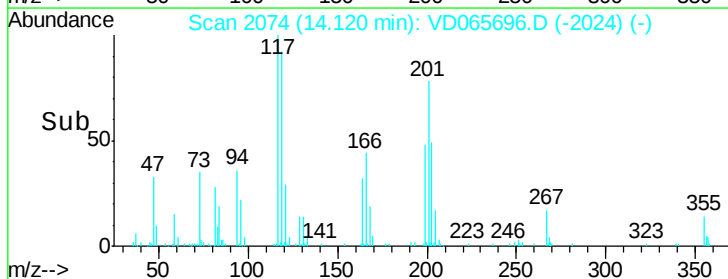
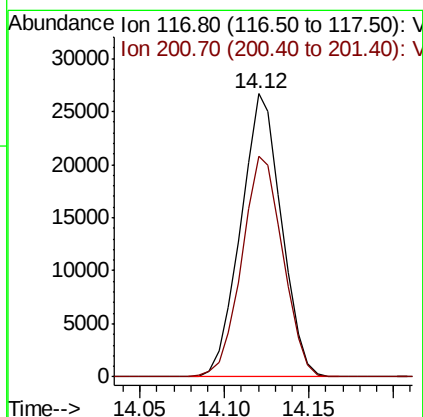
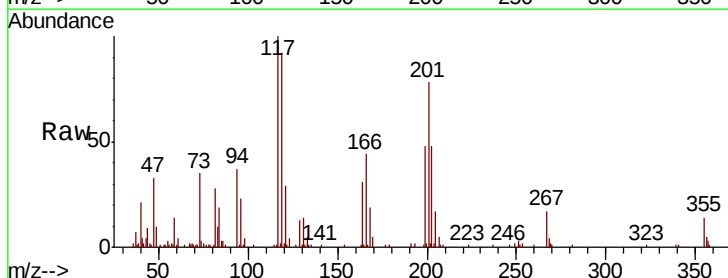
Acq: 06 May 2020 14:44

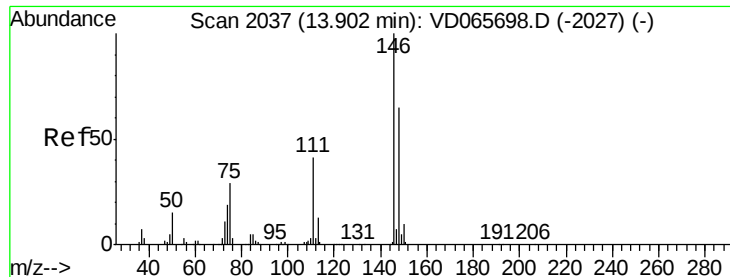
Tgt Ion: 117 Resp: 44718

Ion Ratio Lower Upper

117 100

201 78.5 39.1 117.2





#91

1,2-Dichlorobenzene

Concen: 10.444 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

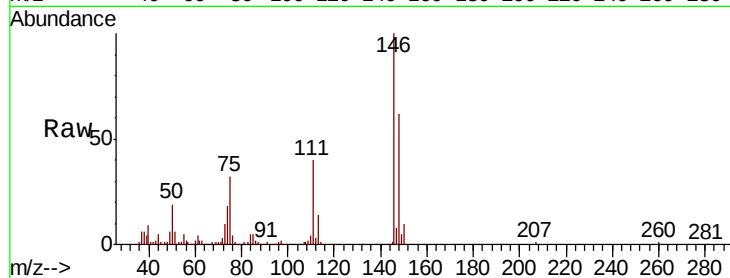
Tot Ion:146 Resp: 93348

Ion Ratio Lower Upper

146 100

111 40.3 20.3 61.0

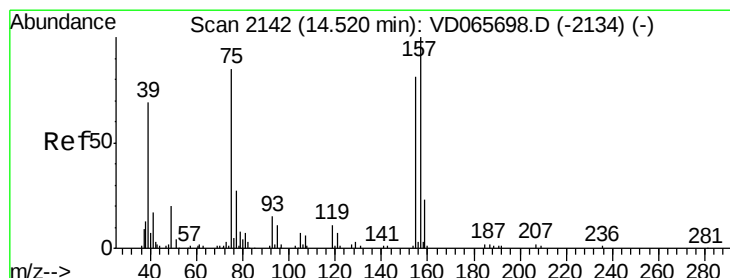
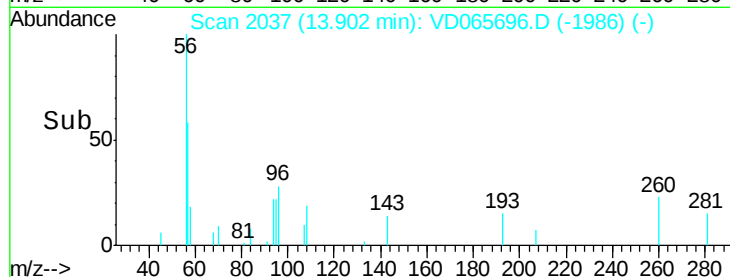
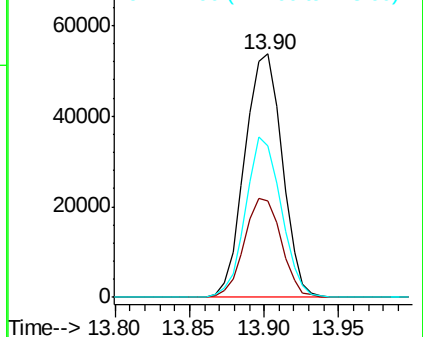
148 62.7 31.9 95.9



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: 11.039 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

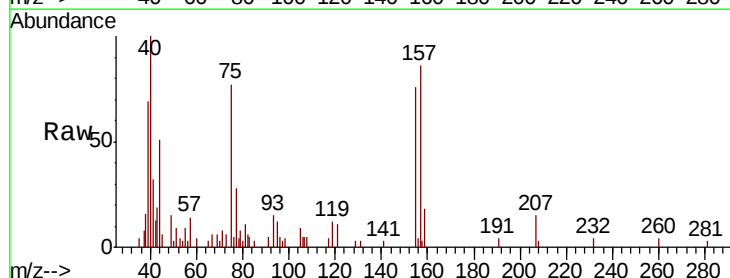
Tgt Ion: 75 Resp: 6587

Ion Ratio Lower Upper

75 100

155 91.1 43.5 130.5

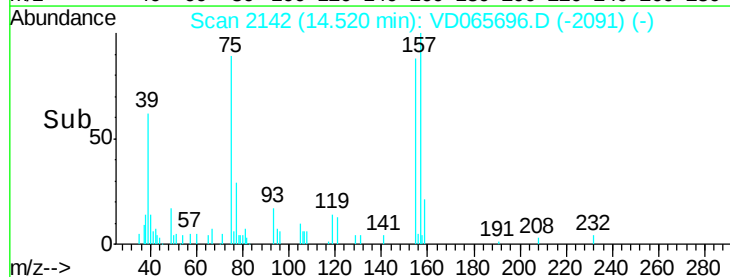
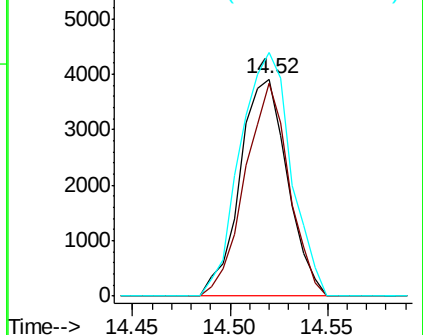
157 120.5 54.5 163.6

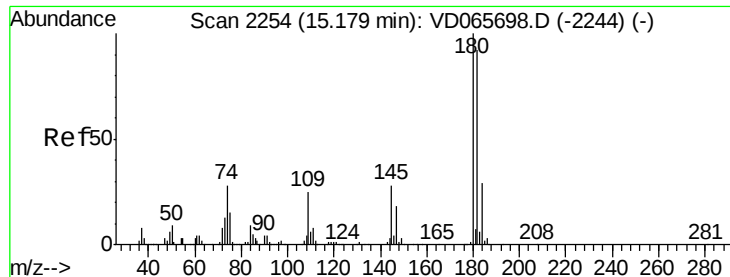


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

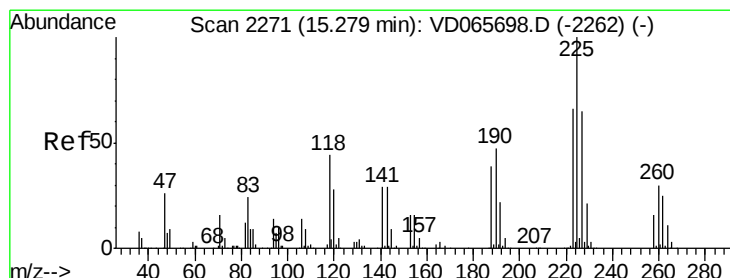
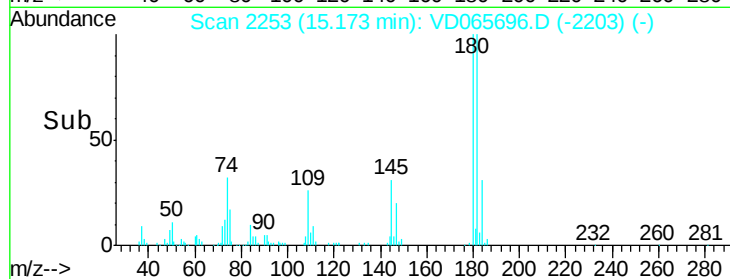
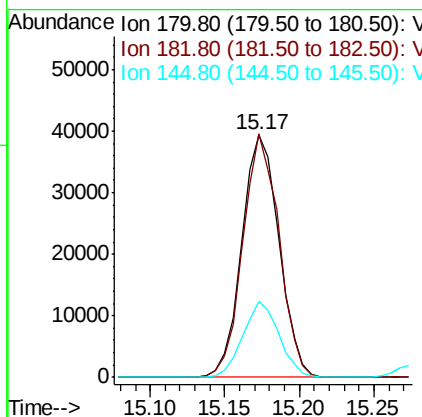
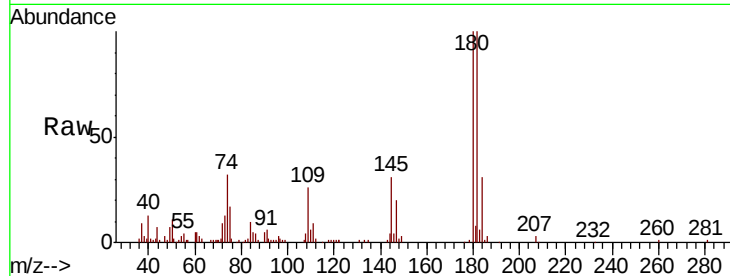




#93
 1,2,4-Trichlorobenzene
 Concen: 11.315 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

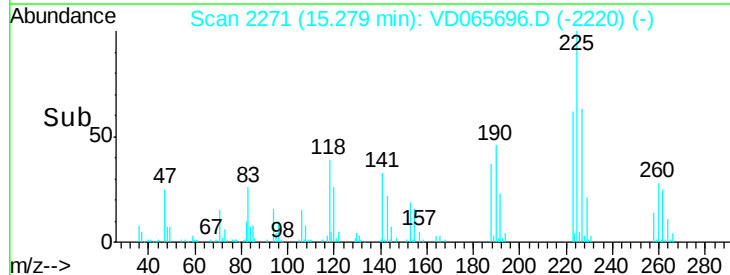
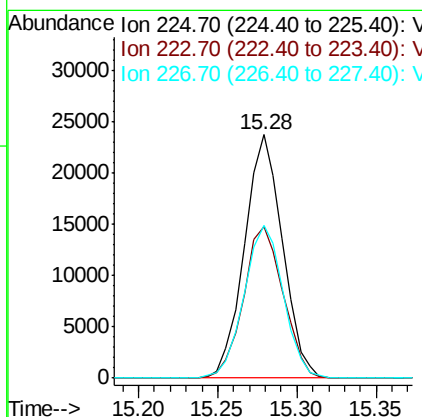
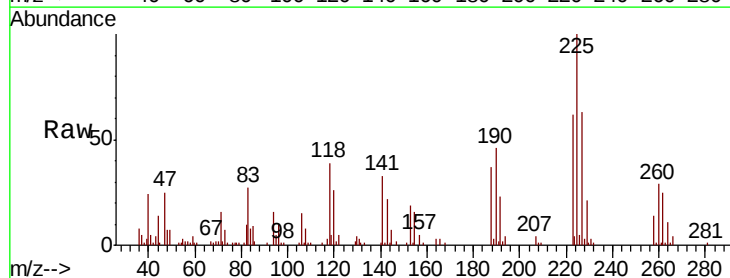
Instrument :
 MSVOA_D
 ClientSampleId :

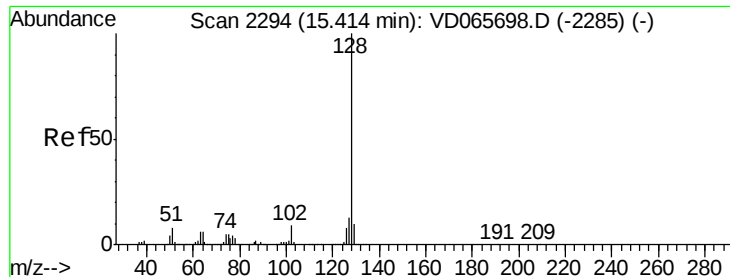
Tot Ion:180 Resp: 67976
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.0 141.0
 145 30.2 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 9.756 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065696.D
 Acq: 06 May 2020 14:44

Tgt Ion:225 Resp: 39586
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.8 95.3
 227 64.7 31.6 94.8





#95

Naphthalene

Concen: 13.340 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

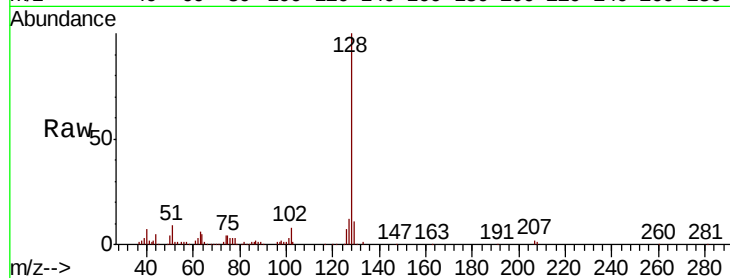
Tot Ion:128 Resp: 120442

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

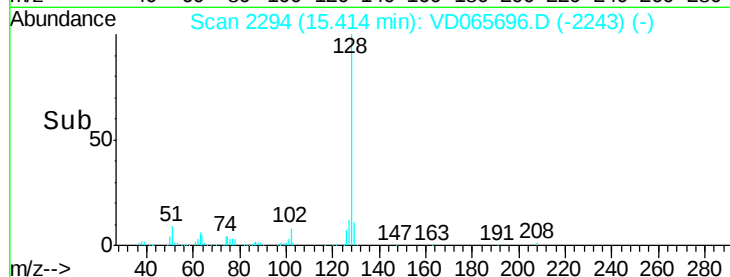
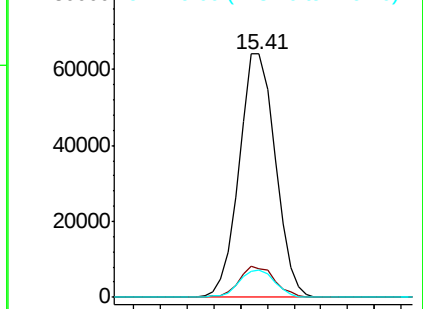
129 11.0 9.0 13.4



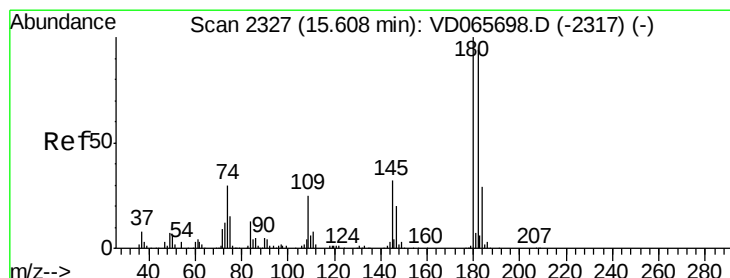
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 11.272 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD065696.D

Acq: 06 May 2020 14:44

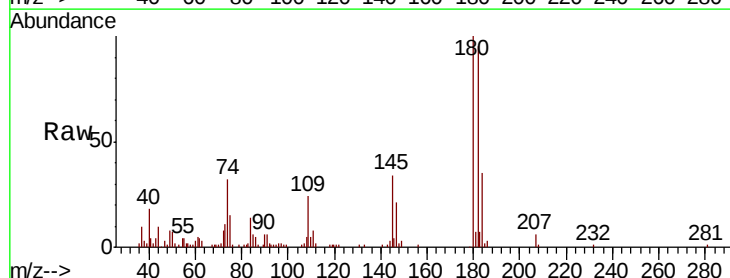
Tgt Ion:180 Resp: 58366

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.6

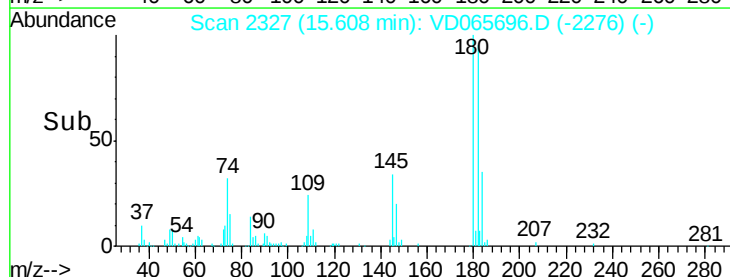
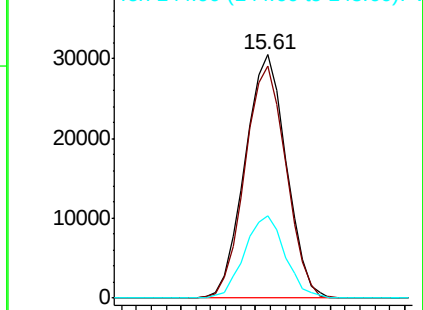
145 32.9 16.0 47.9



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



Time-->