

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065715.D
 Acq On : 07 May 2020 17:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 08 07:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	386065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	586807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	520638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	176165	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	7.92	113	182029	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	10.34	98	696072	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.64	95	232972	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	141219	46.637	ug/l	100
3) Chloromethane	2.21	50	191210	50.069	ug/l	100
4) Vinyl Chloride	2.35	62	205744	53.171	ug/l	97
5) Bromomethane	2.77	94	127695	52.289	ug/l	99
6) Chloroethane	2.92	64	127837	51.432	ug/l	100
7) Trichlorofluoromethane	3.27	101	290136	47.006	ug/l	100
8) Diethyl Ether	3.70	74	88609	45.823	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	176214	47.031	ug/l	96
10) Methyl Iodide	4.30	142	190164	51.741	ug/l	98
11) Tert butyl alcohol	5.22	59	64732	220.639	ug/l	99
12) 1,1-Dichloroethene	4.07	96	173610	47.146	ug/l	93
13) Acrolein	3.93	56	63463	199.726	ug/l	100
14) Allyl chloride	4.71	41	306373	41.735	ug/l	97
15) Acrylonitrile	5.42	53	196713	216.374	ug/l	99
16) Acetone	4.16	43	170356	206.335	ug/l	99
17) Carbon Disulfide	4.41	76	552836	45.654	ug/l	98
18) Methyl Acetate	4.72	43	83587	40.718	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	415118	46.492	ug/l	97
20) Methylene Chloride	4.97	84	191335	46.004	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	195963	46.486	ug/l	93
22) Diisopropyl ether	6.36	45	597880	43.796	ug/l	97
23) Vinyl Acetate	6.31	43	1795411	217.750	ug/l	98
24) 1,1-Dichloroethane	6.27	63	337186	45.088	ug/l	98
25) 2-Butanone	7.22	43	255677	208.771	ug/l	99
26) 2,2-Dichloropropane	7.21	77	299855	44.534	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	215210	47.048	ug/l	96
28) Bromochloromethane	7.55	49	142588	45.715	ug/l	89
29) Tetrahydrofuran	7.57	42	165179	209.260	ug/l	95
30) Chloroform	7.71	83	335178	46.575	ug/l	98
31) Cyclohexane	7.98	56	328412	42.441	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	304993	45.719	ug/l	98
36) 1,1-Dichloropropene	8.11	75	268116	46.007	ug/l	96
37) Ethyl Acetate	7.30	43	121253	43.210	ug/l	98
38) Carbon Tetrachloride	8.10	117	278517	48.203	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	345276	47.192	ug/l	94
40) Benzene	8.36	78	749034	47.062	ug/l	98
41) Methacrylonitrile	7.53	41	54231	33.506	ug/l #	88
42) 1,2-Dichloroethane	8.43	62	212964	46.501	ug/l	98
43) Isopropyl Acetate	8.46	43	247065	44.029	ug/l	99
44) Trichloroethene	9.11	130	217111	49.501	ug/l	95
45) 1,2-Dichloropropane	9.39	63	191741	46.585	ug/l	98
46) Dibromomethane	9.48	93	100347	48.604	ug/l	97
47) Bromodichloromethane	9.67	83	261728	47.406	ug/l	99
48) Methyl methacrylate	9.46	41	121090	43.097	ug/l	98
49) 1,4-Dioxane	9.47	88	23579	931.691	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	584668	216.192	ug/l	99
52) Toluene	10.41	92	487792	48.464	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	261091	46.688	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	309201	46.933	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	136158	48.920	ug/l	94
56) Ethyl methacrylate	10.67	69	185786	46.229	ug/l	93
57) 1,3-Dichloropropane	10.95	76	236603	47.284	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	430403	233.289	ug/l	96
59) 2-Hexanone	10.99	43	396570	213.200	ug/l	100
60) Dibromochloromethane	11.14	129	180989	48.407	ug/l	99
61) 1,2-Dibromoethane	11.25	107	136453	48.725	ug/l	99
64) Tetrachloroethene	10.88	164	186061	50.217	ug/l	99
65) Chlorobenzene	11.67	112	509257	48.549	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	187954	48.057	ug/l	97
67) Ethyl Benzene	11.75	91	933469	47.702	ug/l	100
68) m/p-Xylenes	11.86	106	708495	97.118	ug/l	97
69) o-Xylene	12.18	106	329410	48.390	ug/l	96
70) Styrene	12.20	104	569216	48.634	ug/l	98
71) Bromoform	12.37	173	108660	49.377	ug/l #	99
73) Isopropylbenzene	12.48	105	897520	47.071	ug/l	99
74) N-amyl acetate	12.30	43	223697	41.095	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	143199	44.786	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	99136m	46.642	ug/l	
77) Bromobenzene	12.77	156	217429	49.728	ug/l	93
78) n-propylbenzene	12.83	91	1051511	46.835	ug/l	99
79) 2-Chlorotoluene	12.91	91	572861	45.161	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	745414	47.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	53675	44.702	ug/l	96
82) 4-Chlorotoluene	13.01	91	608753	45.861	ug/l	99
83) tert-Butylbenzene	13.23	119	637185	47.819	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	733572	47.043	ug/l	99
85) sec-Butylbenzene	13.41	105	892186	47.733	ug/l	99
86) p-Isopropyltoluene	13.53	119	819059	48.088	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	397824	48.409	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	402305	49.619	ug/l	98
89) n-Butylbenzene	13.85	91	771611	46.757	ug/l	99
90) Hexachloroethane	14.12	117	161250	47.531	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	349461	49.280	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22754	42.338	ug/l	85

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Quant Title : SW846 8260
QLast Update : Wed May 06 17:01:16 2020
Response via : Initial Calibration

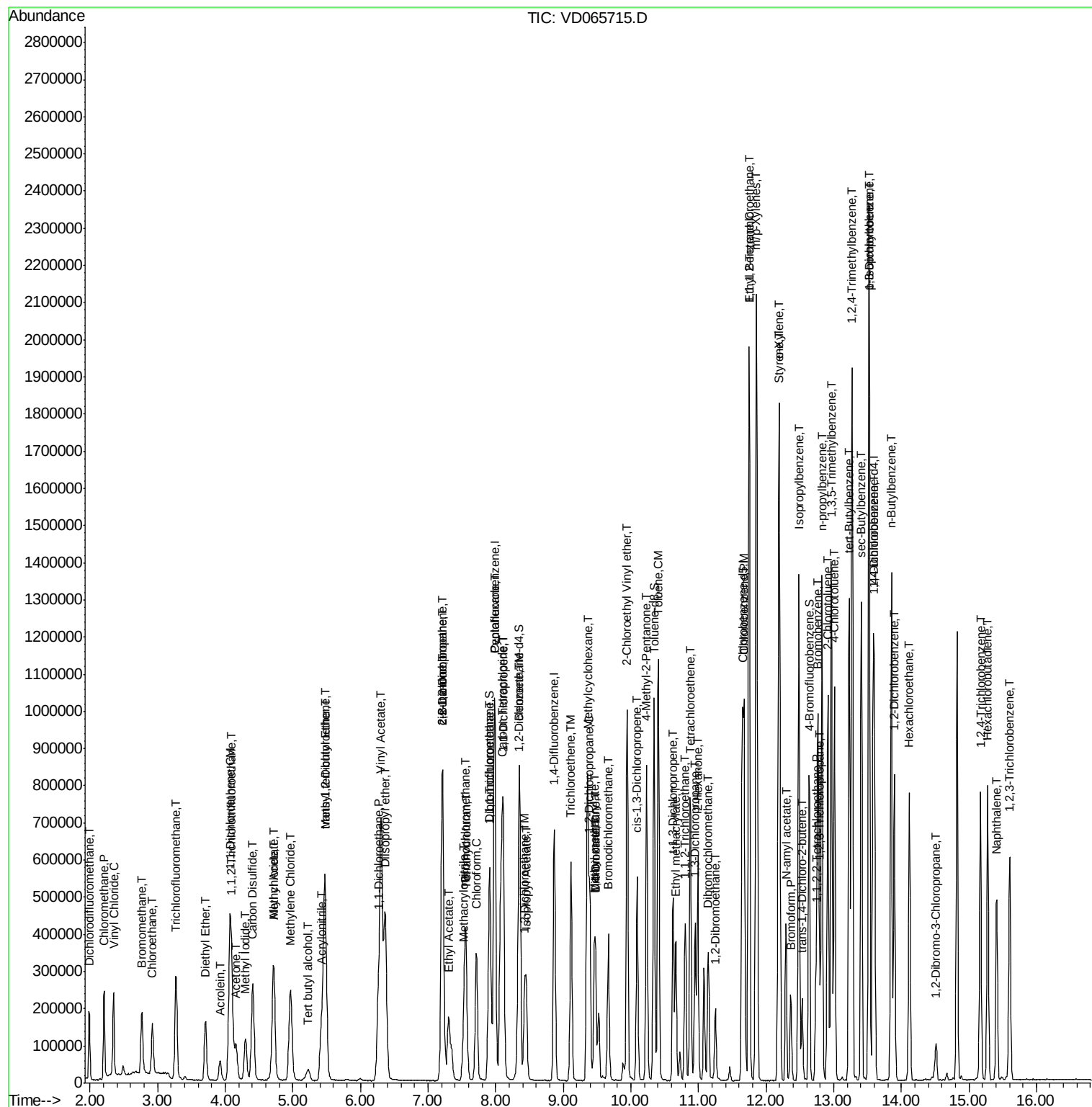
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	266294	50.051	ug/l	98
94) Hexachlorobutadiene	15.28	225	157037	50.930	ug/l	99
95) Naphthalene	15.41	128	449855	48.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	229311	50.668	ug/l	98

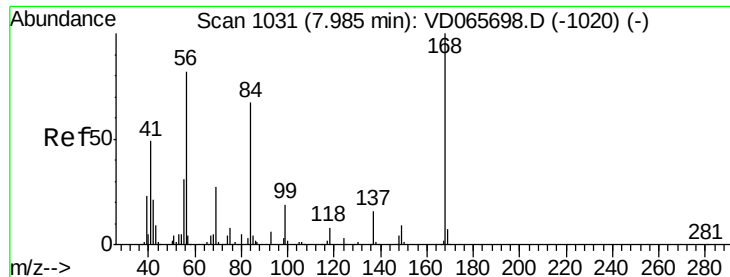
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

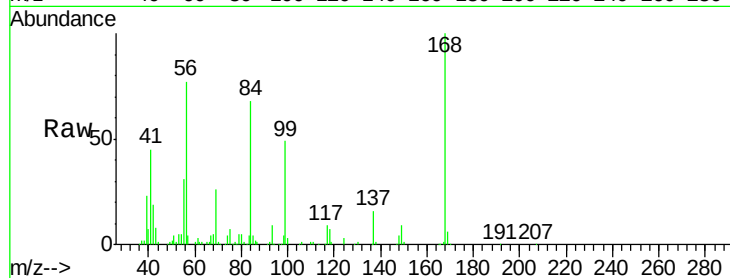
VSTDCCC050EC

Tot Ion:168 Resp: 386065

Ion Ratio Lower Upper

168 100

99 49.1 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

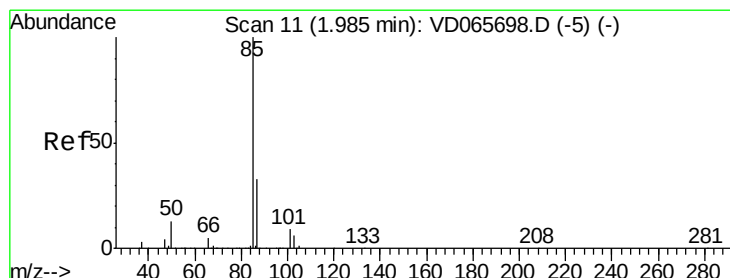
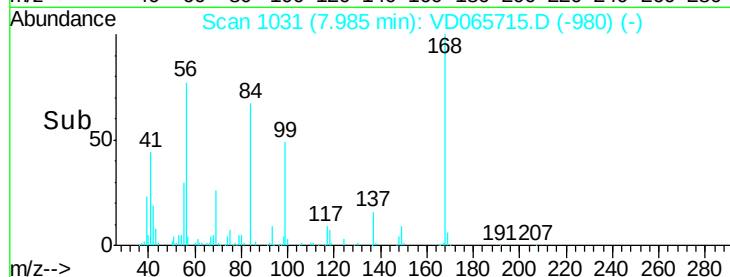
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.637 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065715.D

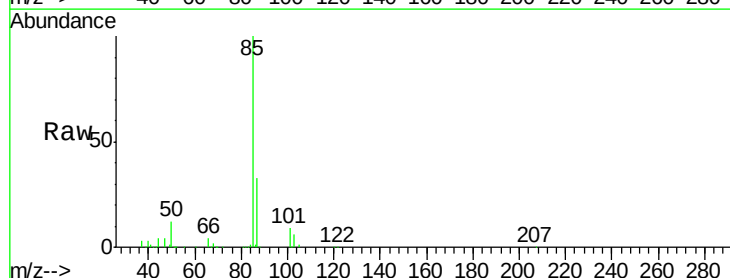
Acq: 07 May 2020 17:05

Tgt Ion: 85 Resp: 141219

Ion Ratio Lower Upper

85 100

87 32.8 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

120000

100000

80000

60000

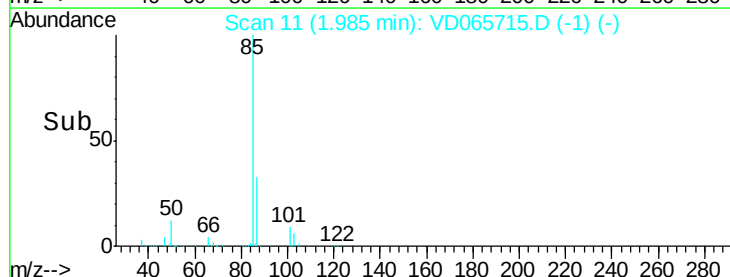
40000

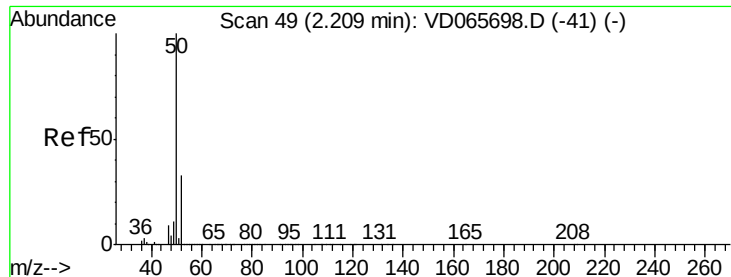
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 50.069 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

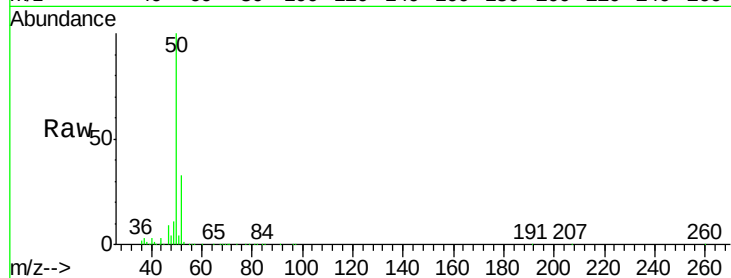
VSTDCCC050EC

Tot Ion: 50 Resp: 191210

Ion Ratio Lower Upper

50 100

52 32.7 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

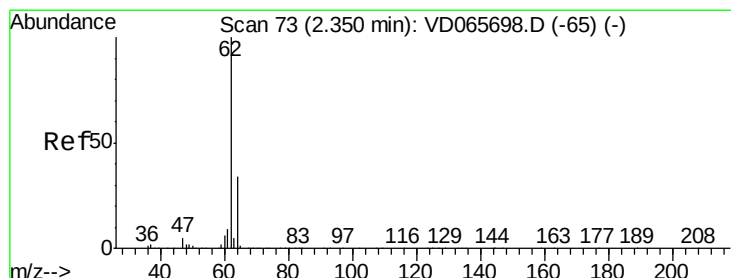
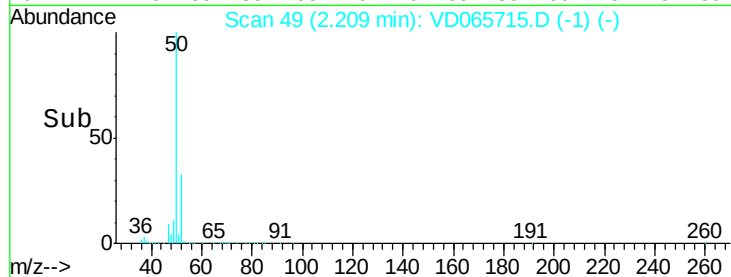
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 53.171 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065715.D

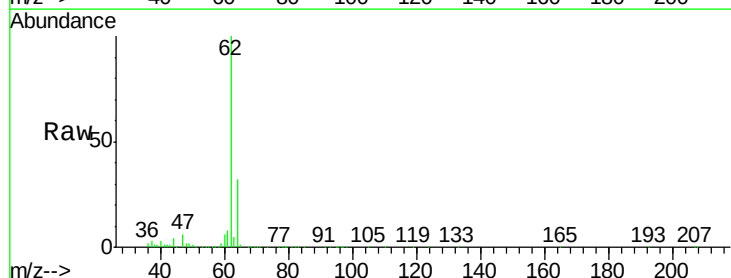
Acq: 07 May 2020 17:05

Tgt Ion: 62 Resp: 205744

Ion Ratio Lower Upper

62 100

64 32.1 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

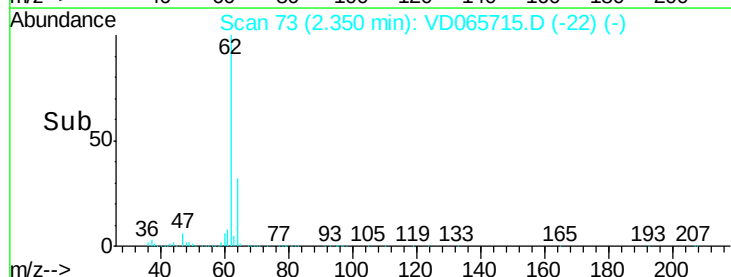
150000

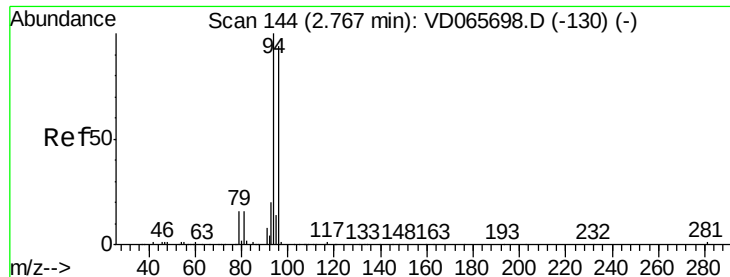
100000

50000

0

Time-->





#5

Bromomethane

Concen: 52.289 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

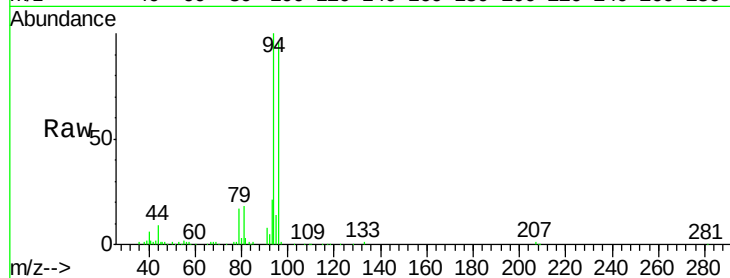
VSTDCCC050EC

Tot Ion: 94 Resp: 127695

Ion Ratio Lower Upper

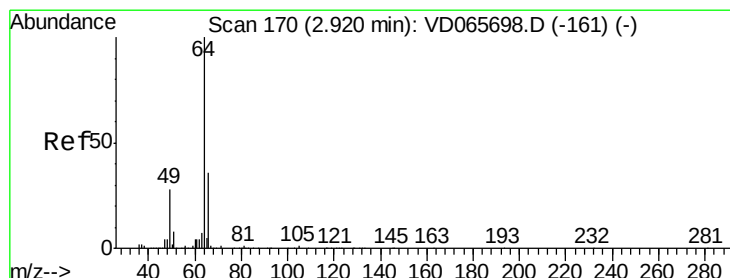
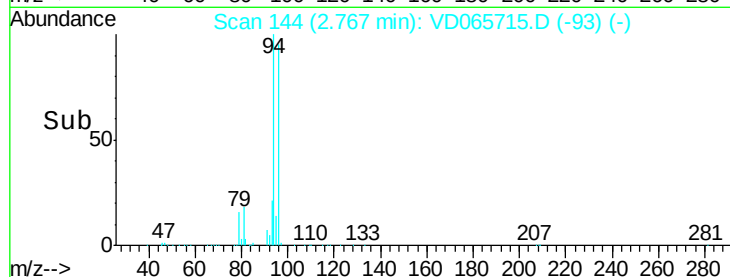
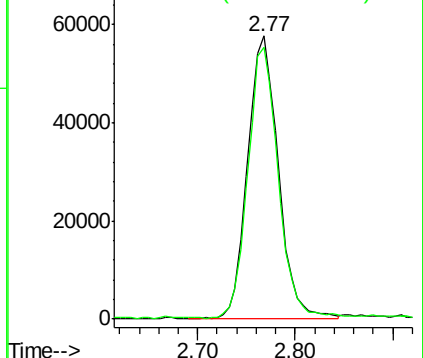
94 100

96 95.2 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: 51.432 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD065715.D

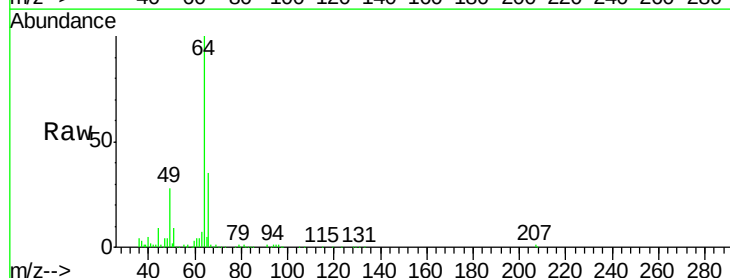
Acq: 07 May 2020 17:05

Tgt Ion: 64 Resp: 127837

Ion Ratio Lower Upper

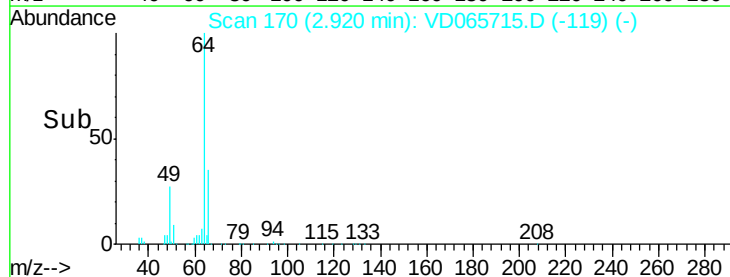
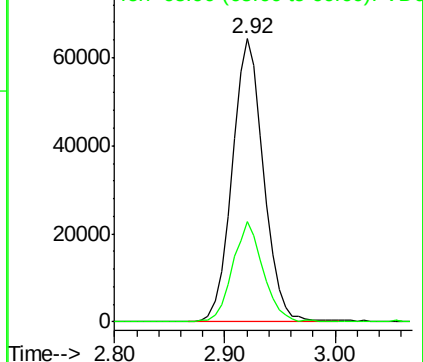
64 100

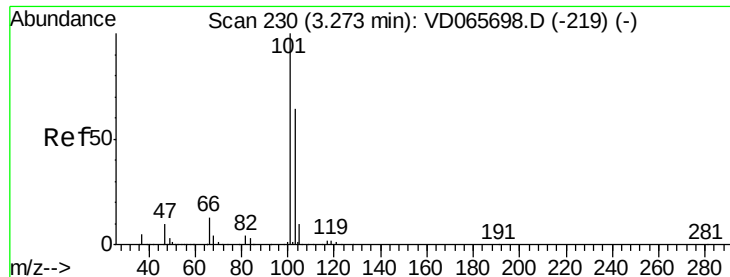
66 35.4 28.5 42.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



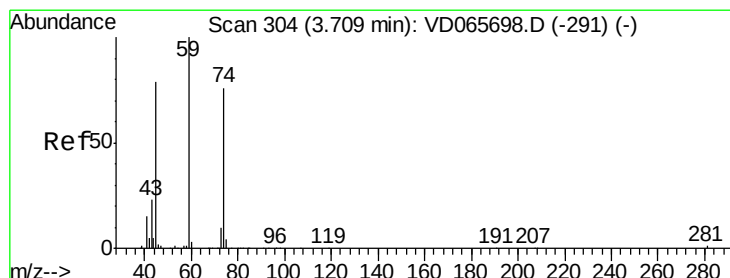
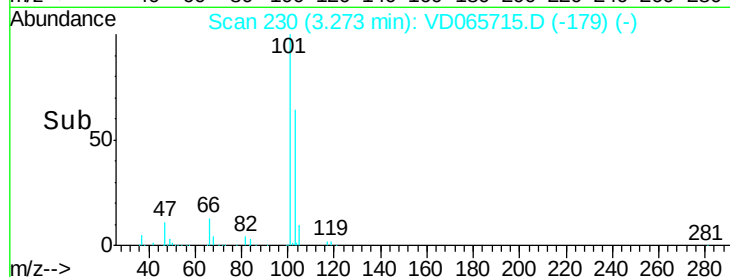
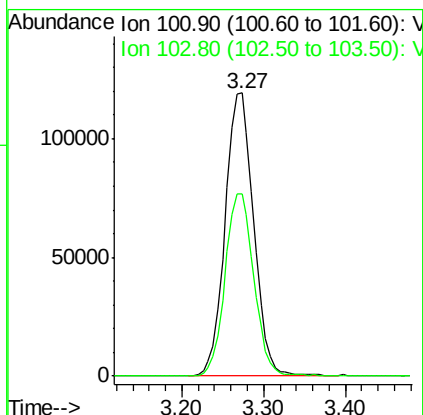
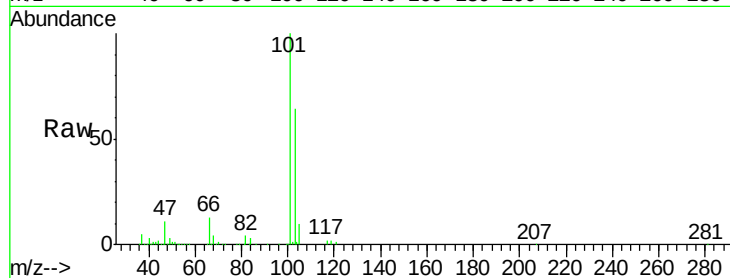


#7

Trichlorofluoromethane
Concen: 47.006 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Instrument :
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ClientSampleId :
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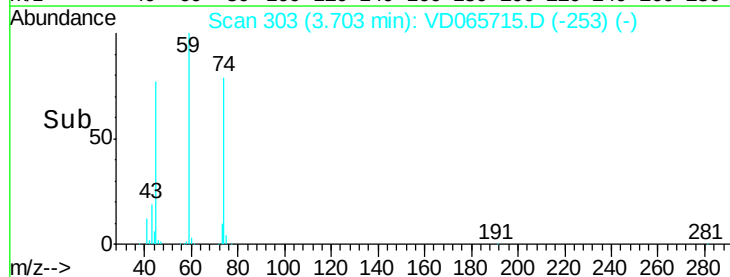
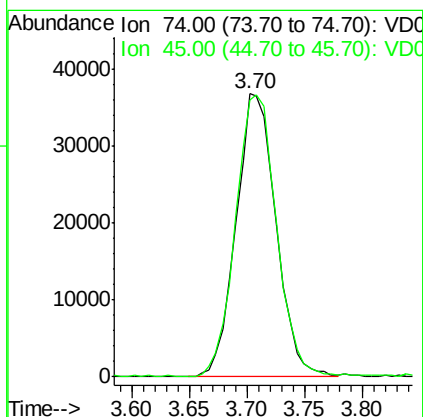
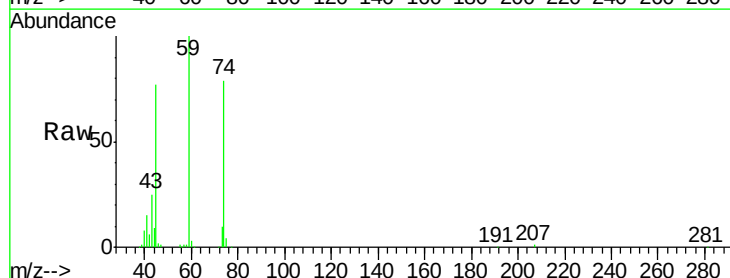
Tot Ion:101 Resp: 290136
Ion Ratio Lower Upper
101 100
103 64.3 51.1 76.7

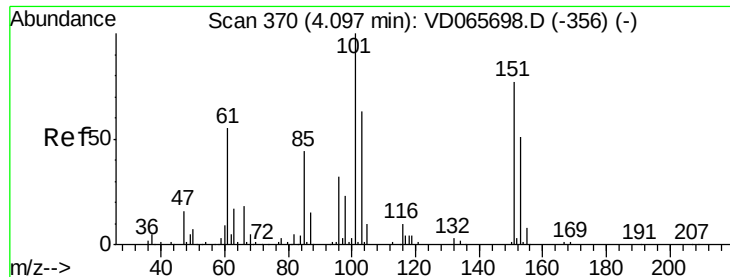


#8

Diethyl Ether
Concen: 45.823 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion: 74 Resp: 88609
Ion Ratio Lower Upper
74 100
45 102.2 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.031 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

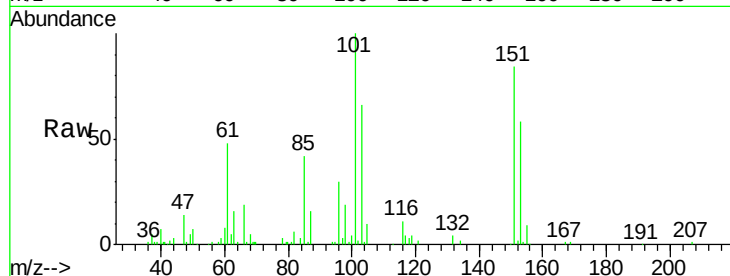
Tot Ion:101 Resp: 176214

Ion Ratio Lower Upper

101 100

85 44.1 34.4 51.6

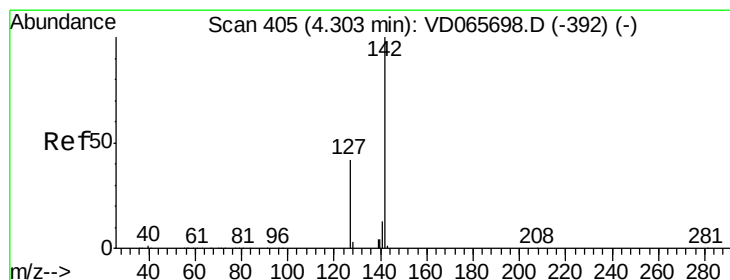
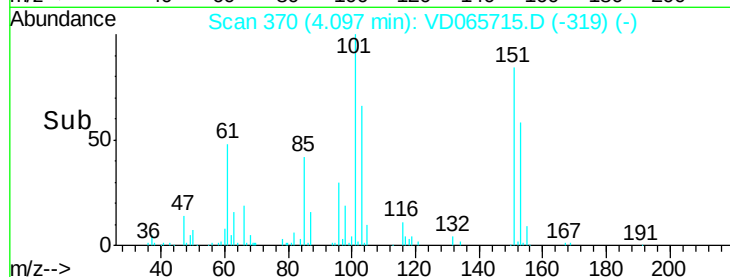
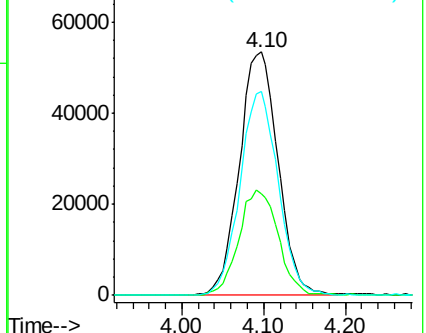
151 82.8 63.0 94.4



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: 51.741 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

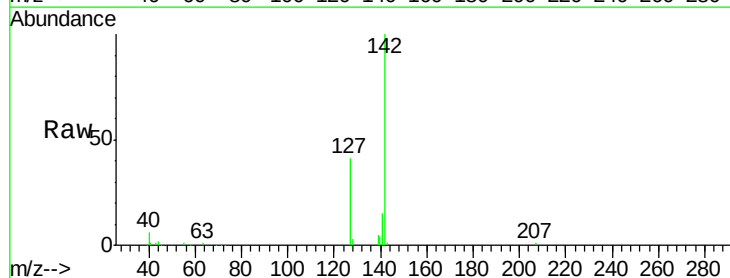
Tgt Ion:142 Resp: 190164

Ion Ratio Lower Upper

142 100

127 41.9 34.5 51.7

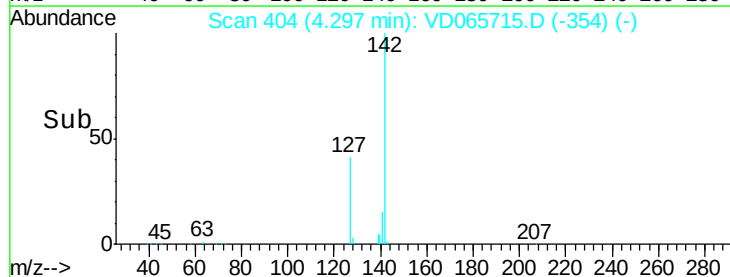
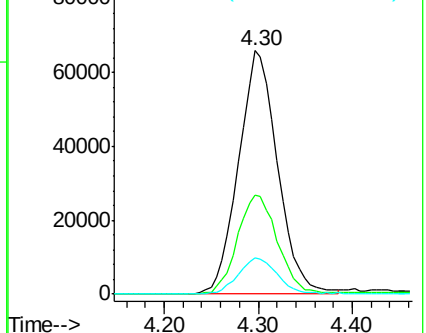
141 14.6 11.6 17.4

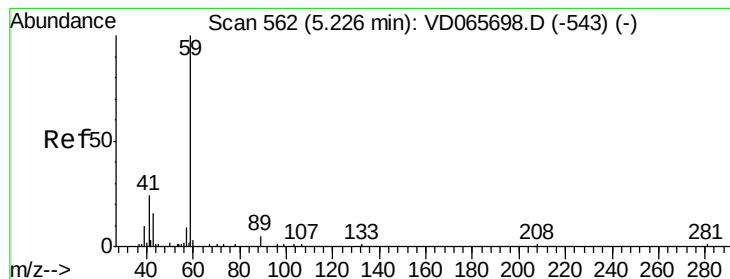


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



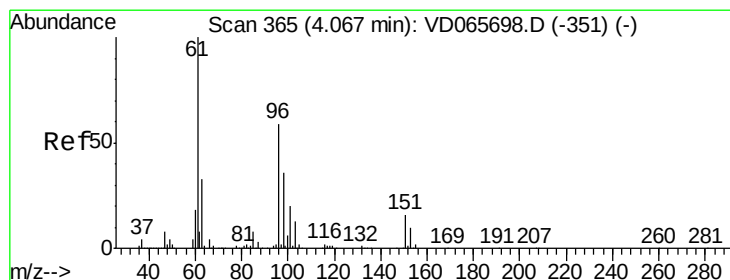
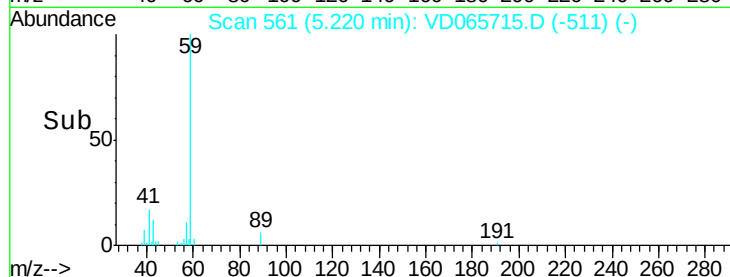
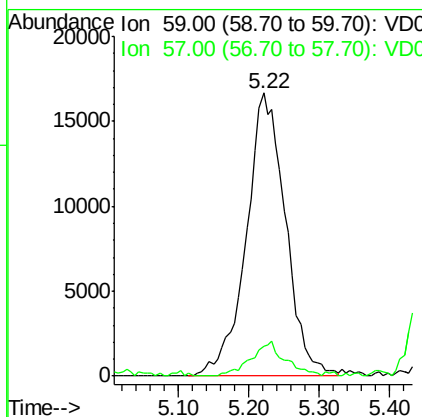
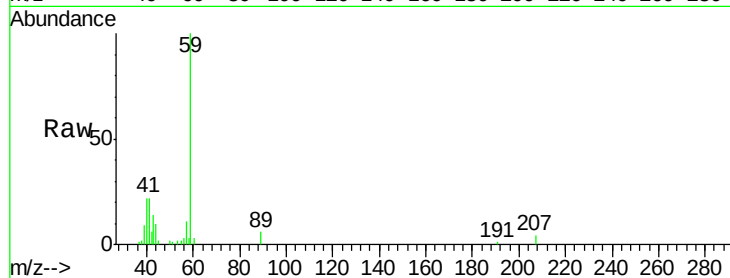


#11

Tert butyl alcohol
 Concen: 220.639 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

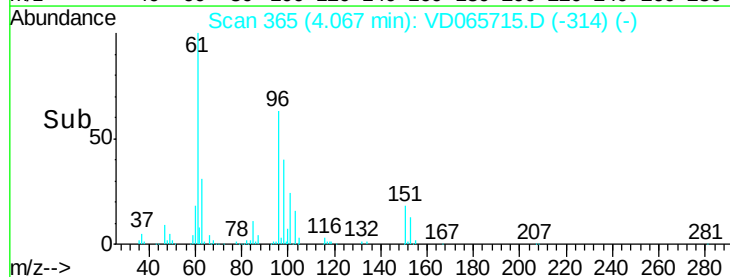
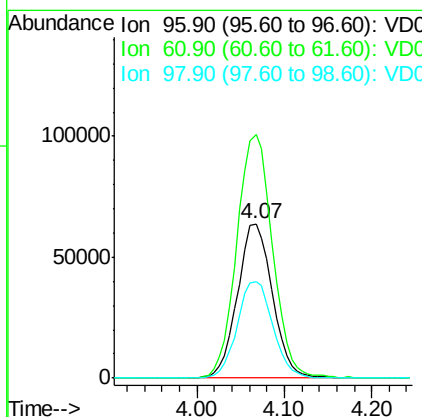
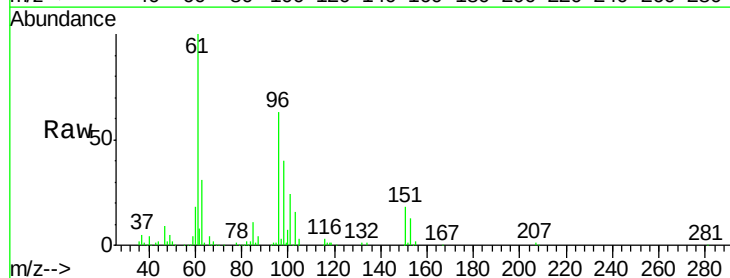
Tot Ion: 59 Resp: 64732
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.7 13.1

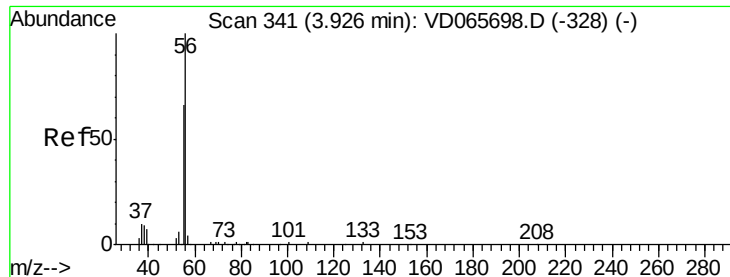


#12

1,1-Dichloroethene
 Concen: 47.146 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion: 96 Resp: 173610
 Ion Ratio Lower Upper
 96 100
 61 157.9 136.0 204.0
 98 62.4 49.7 74.5





#13

Acrolein

Concen: 199.726 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

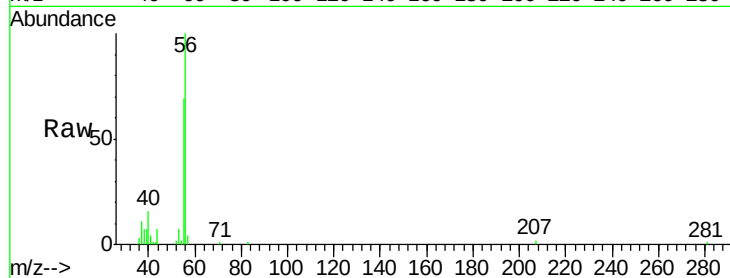
VSTDCCC050EC

Tot Ion: 56 Resp: 63463

Ion Ratio Lower Upper

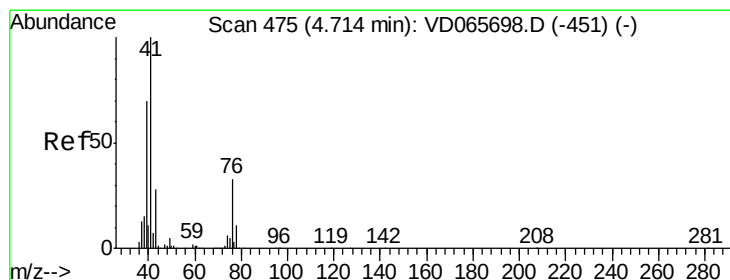
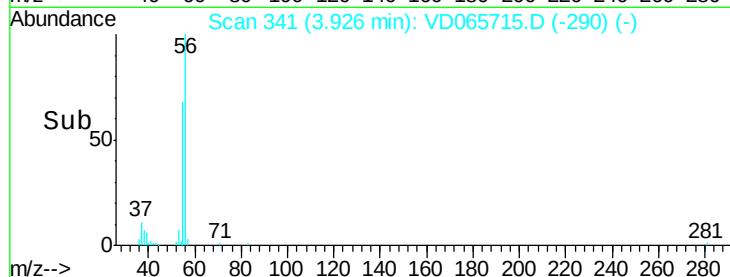
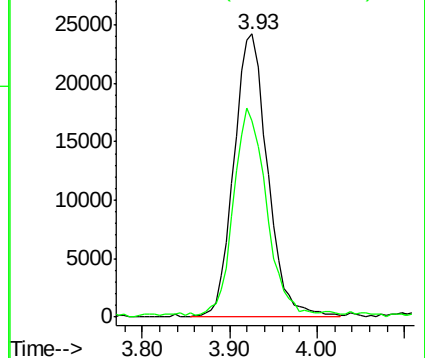
56 100

55 70.9 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 41.735 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

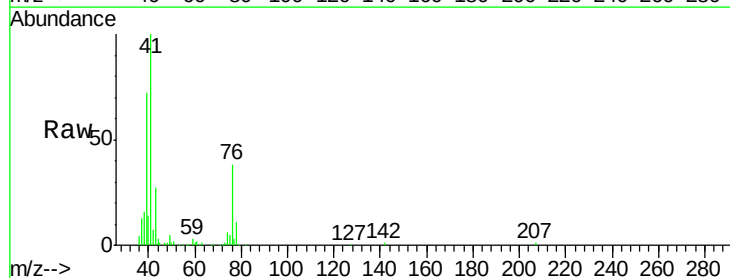
Tgt Ion: 41 Resp: 306373

Ion Ratio Lower Upper

41 100

39 70.6 55.6 83.4

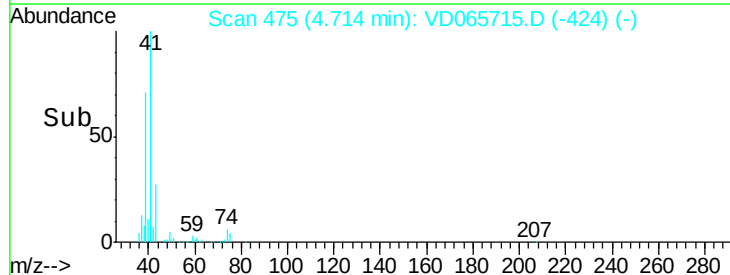
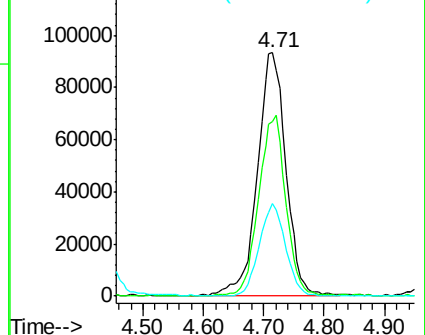
76 35.3 25.6 38.4

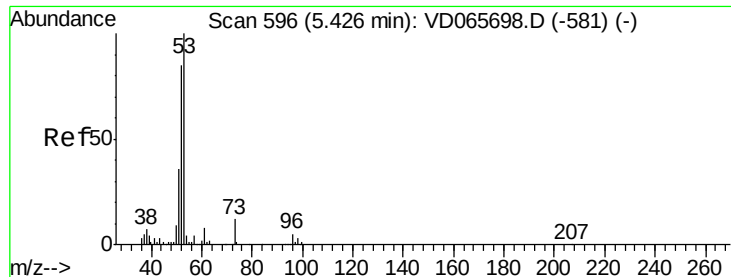


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 216.374 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

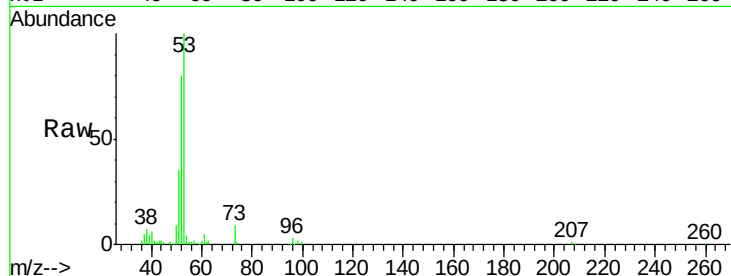
Tot Ion: 53 Resp: 196713

Ion Ratio Lower Upper

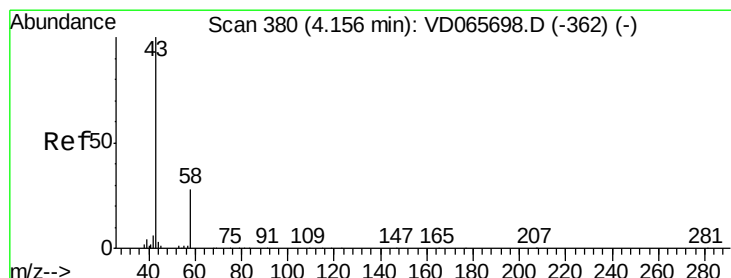
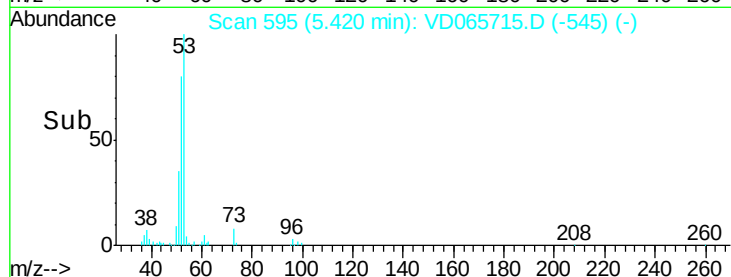
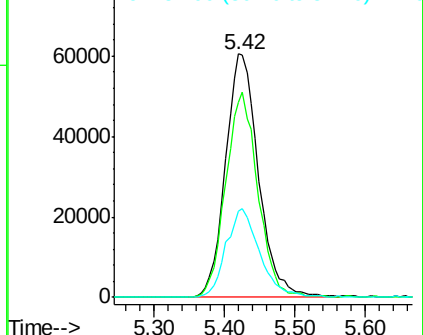
53 100

52 81.6 66.2 99.2

51 37.3 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: 206.335 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065715.D

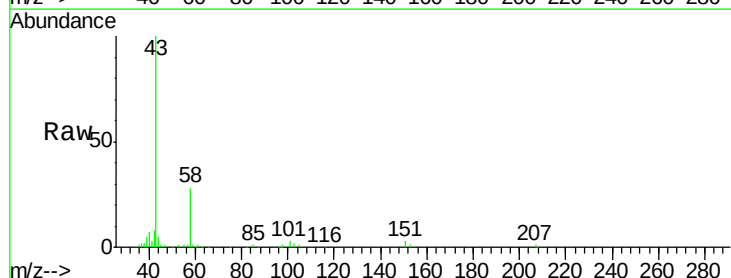
Acq: 07 May 2020 17:05

Tgt Ion: 43 Resp: 170356

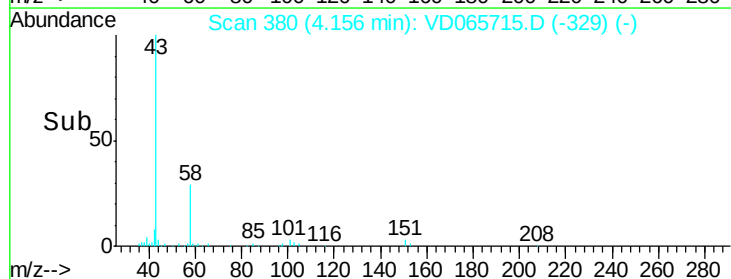
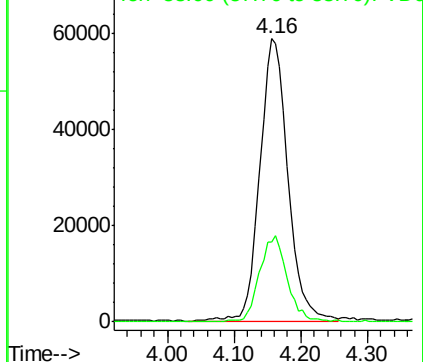
Ion Ratio Lower Upper

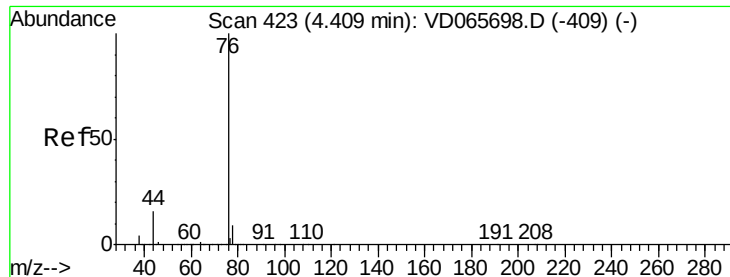
43 100

58 28.5 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: 45.654 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

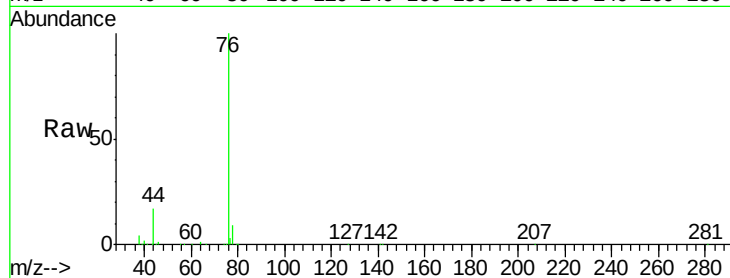
VSTDCCC050EC

Tot Ion: 76 Resp: 552836

Ion Ratio Lower Upper

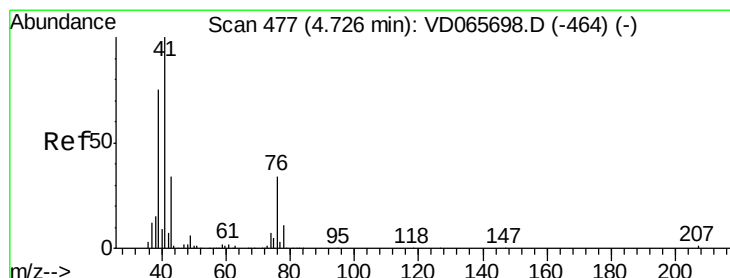
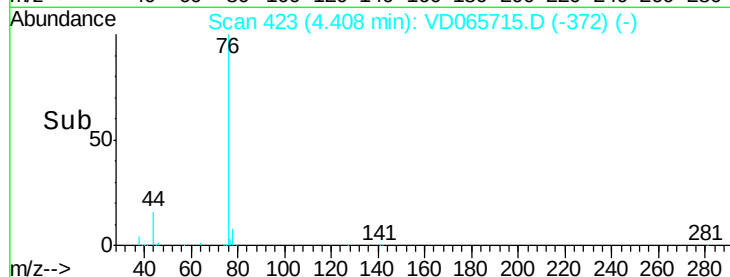
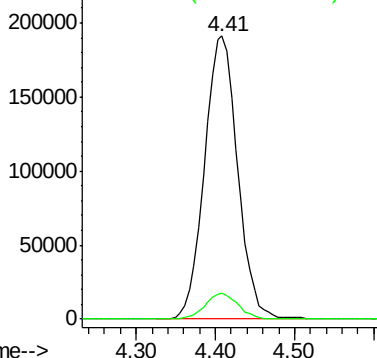
76 100

78 9.1 6.8 10.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 40.718 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065715.D

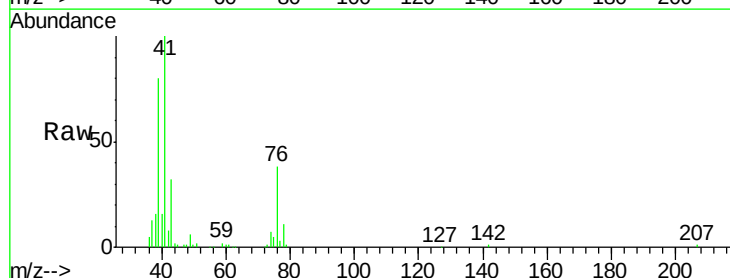
Acq: 07 May 2020 17:05

Tgt Ion: 43 Resp: 83587

Ion Ratio Lower Upper

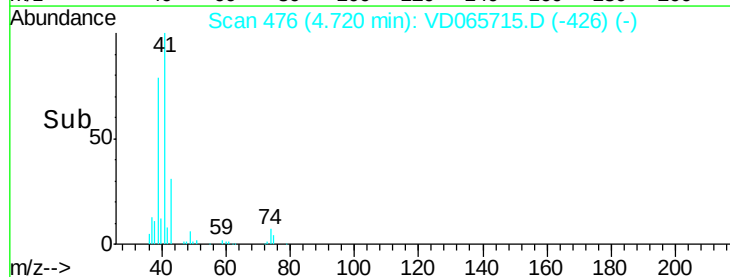
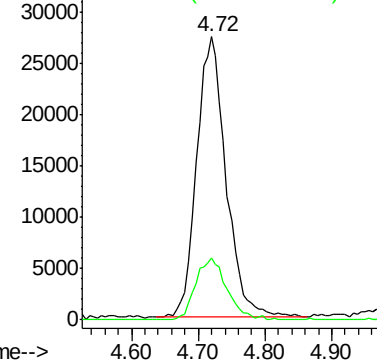
43 100

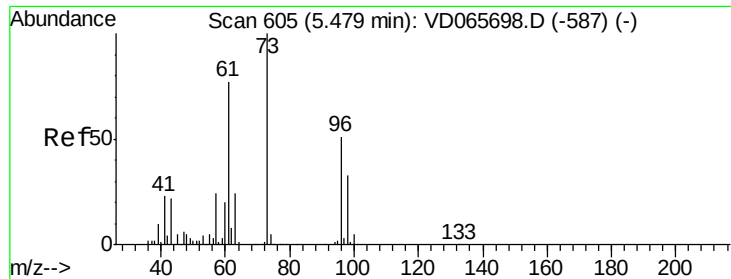
74 23.5 17.1 25.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

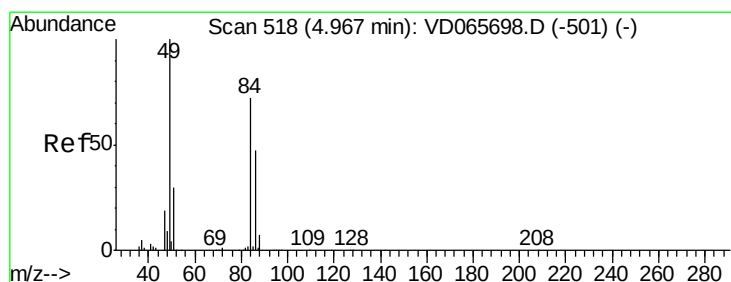
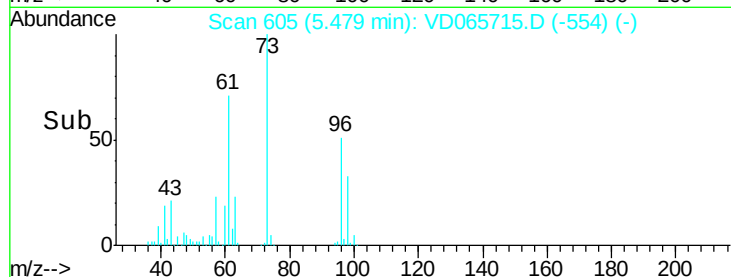
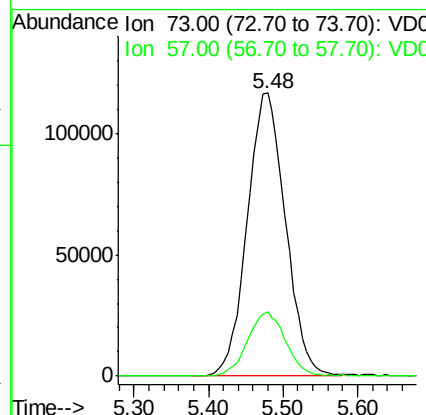
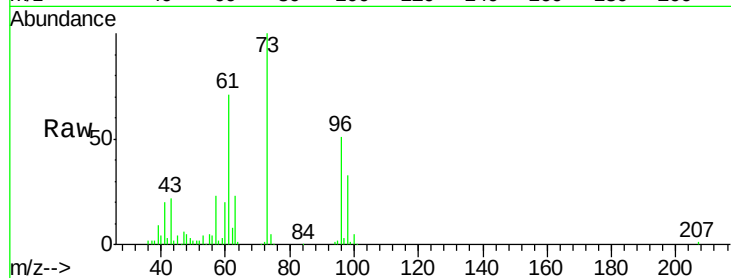




#19
Methyl tert-butyl Ether
Concen: 46.492 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

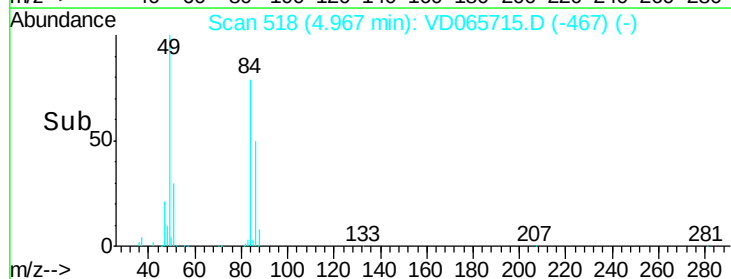
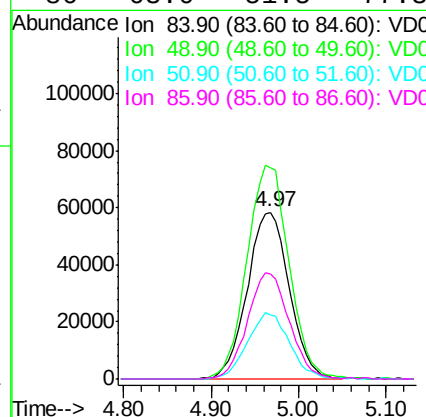
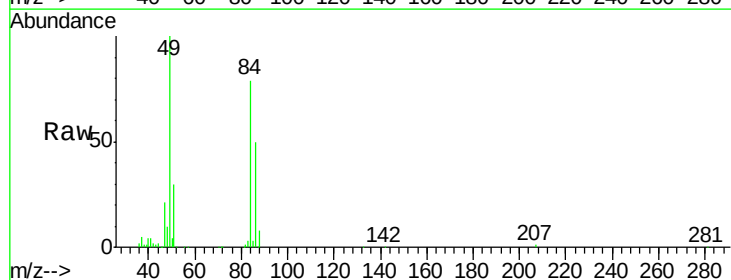
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

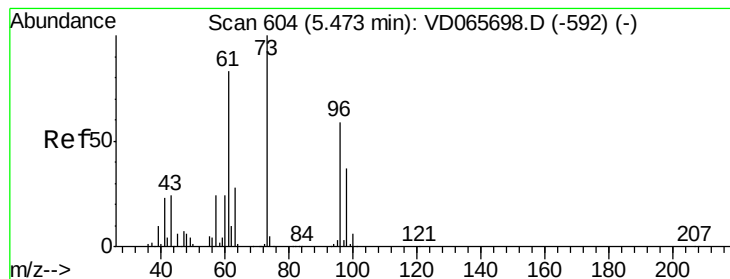
Tot Ion: 73 Resp: 415118
Ion Ratio Lower Upper
73 100
57 22.7 19.4 29.0



#20
Methylene Chloride
Concen: 46.004 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion: 84 Resp: 191335
Ion Ratio Lower Upper
84 100
49 126.9 110.4 165.6
51 38.1 33.4 50.2
86 63.0 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 46.486 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

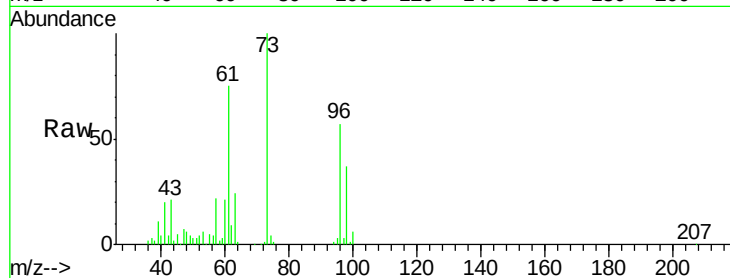
Tot Ion: 96 Resp: 195963

Ion Ratio Lower Upper

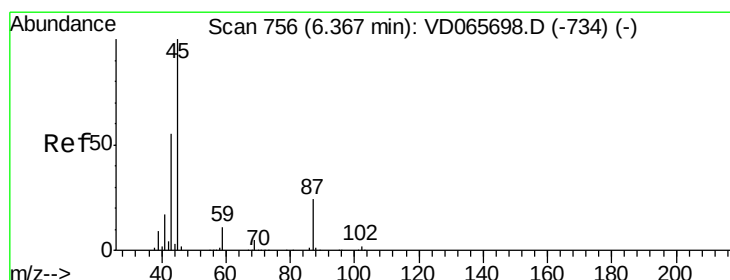
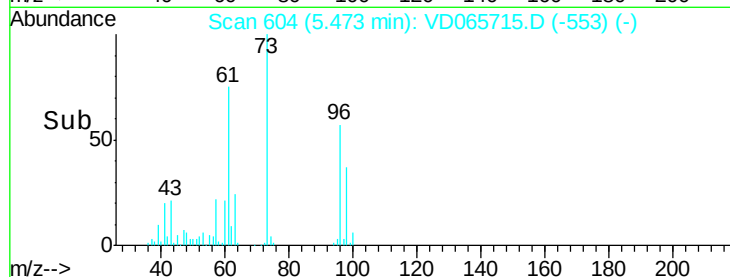
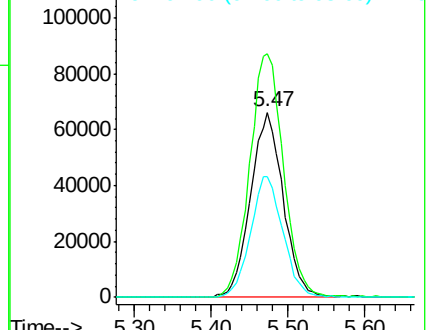
96 100

61 131.7 113.0 169.4

98 65.4 49.5 74.3



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



#22

Diisopropyl ether

Concen: 43.796 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Tgt Ion: 45 Resp: 597880

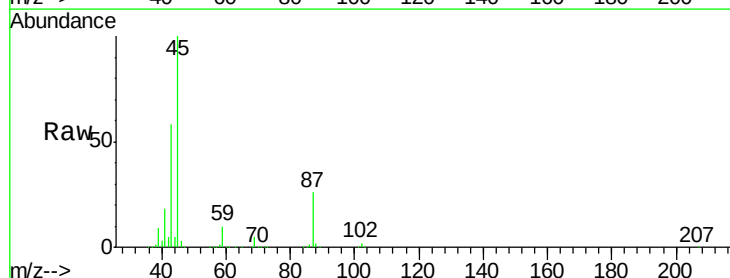
Ion Ratio Lower Upper

45 100

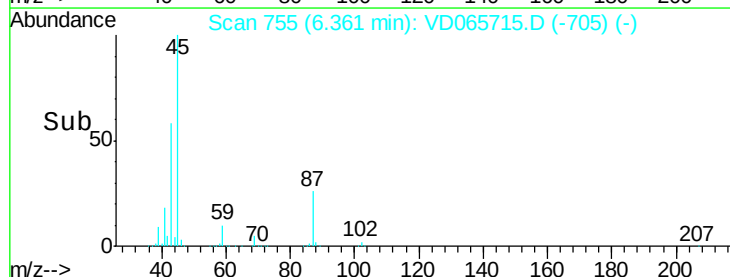
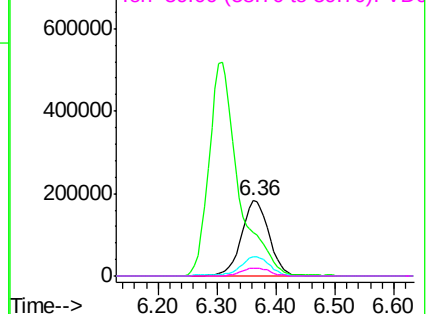
43 57.0 44.2 66.4

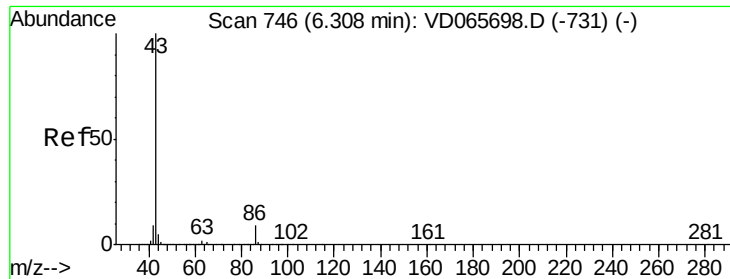
87 26.3 19.0 28.4

59 10.3 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 217.750 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

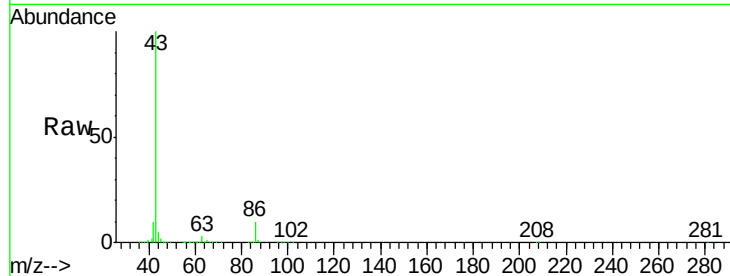
VSTDCCC050EC

Tot Ion: 43 Resp: 1795411

Ion Ratio Lower Upper

43 100

86 10.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

500000

400000

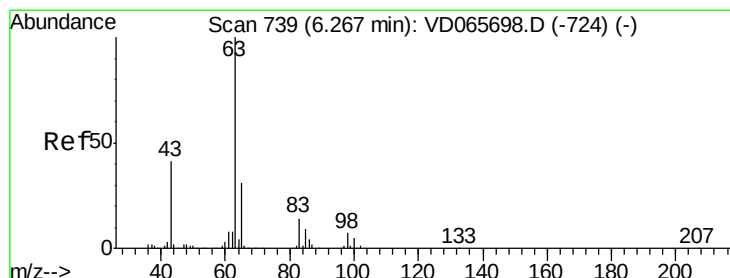
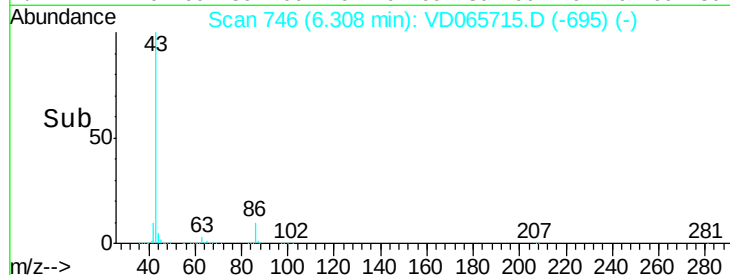
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 45.088 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

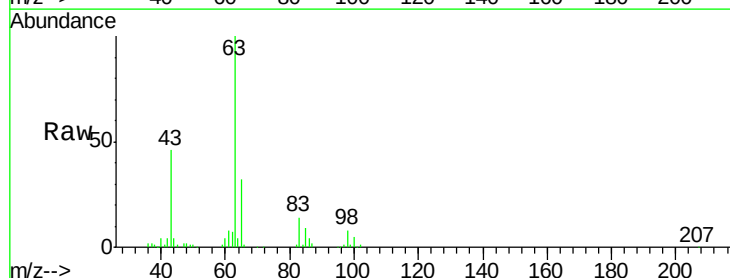
Tgt Ion: 63 Resp: 337186

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

100 4.9 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

6.27

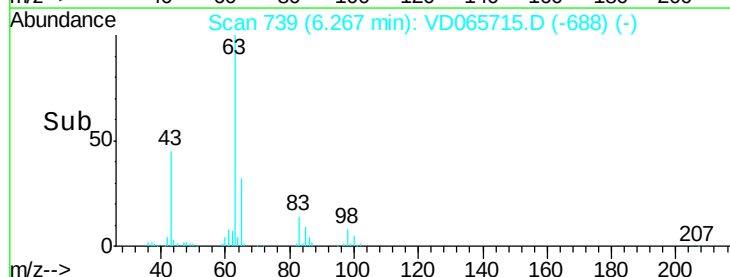
150000

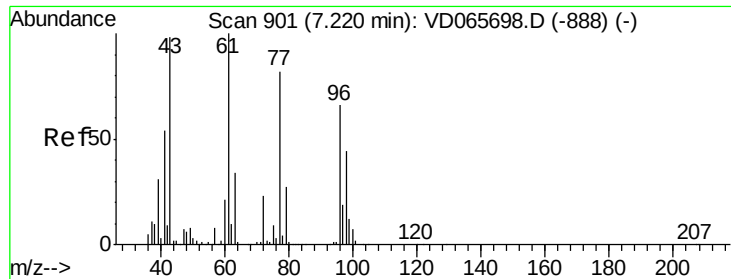
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 208.771 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

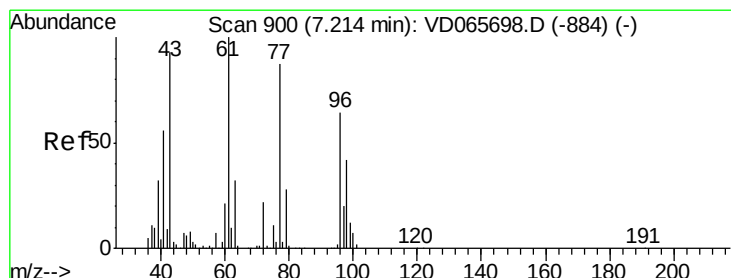
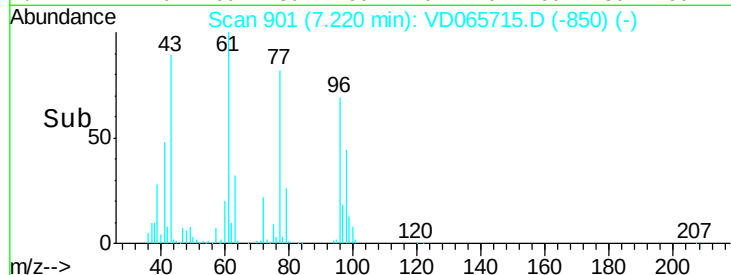
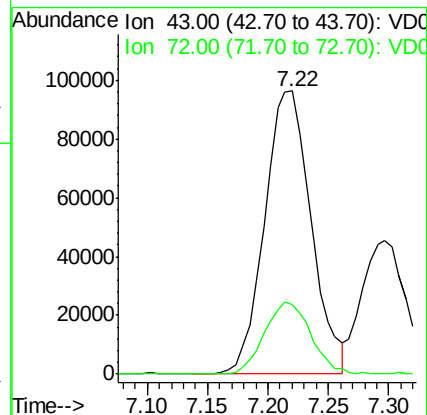
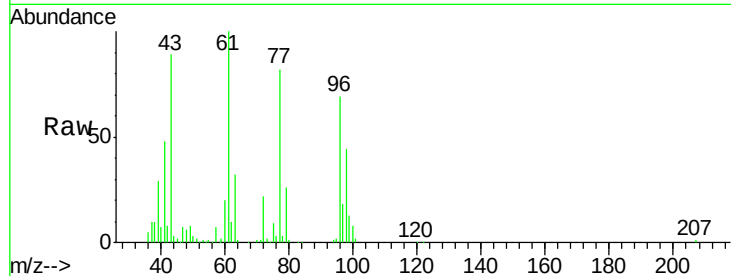
VSTDCCC050EC

Tot Ion: 43 Resp: 255677

Ion Ratio Lower Upper

43 100

72 24.5 19.2 28.8



#26

2,2-Dichloropropane

Concen: 44.534 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065715.D

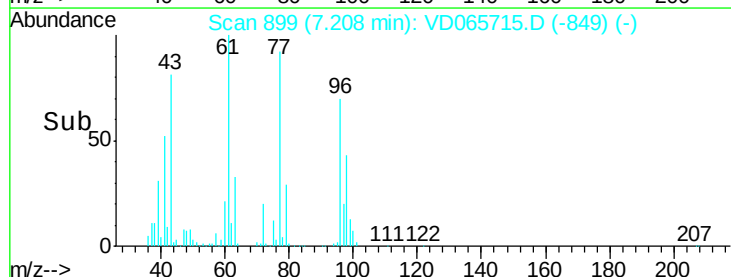
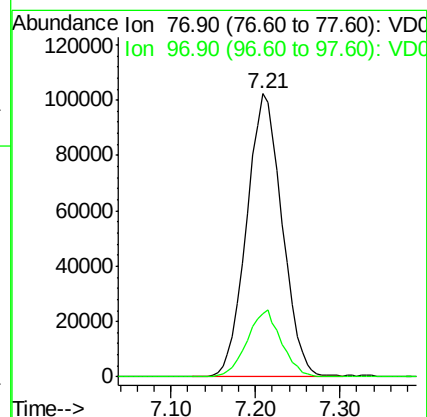
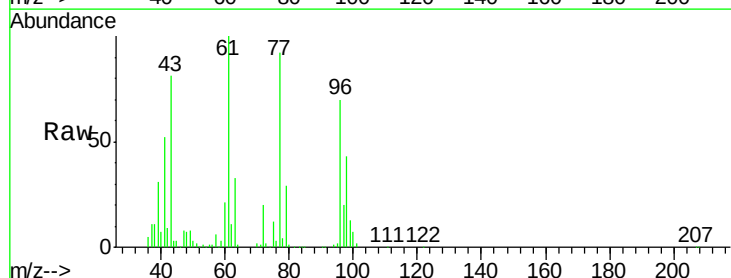
Acq: 07 May 2020 17:05

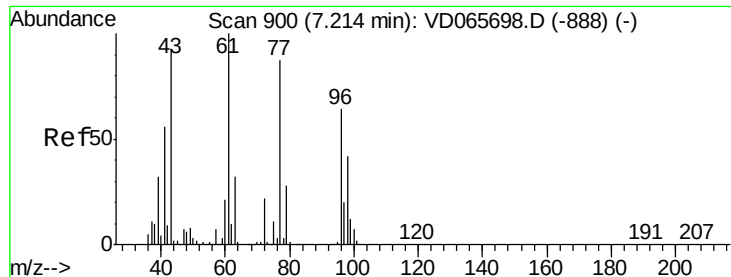
Tgt Ion: 77 Resp: 299855

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9



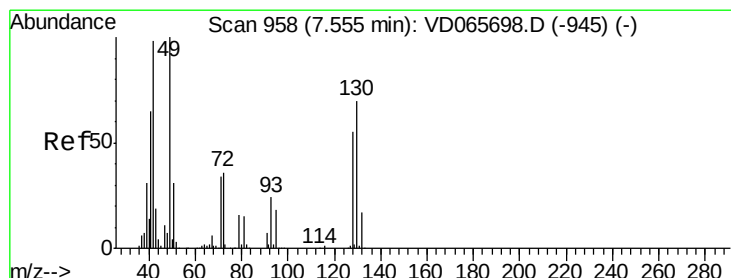
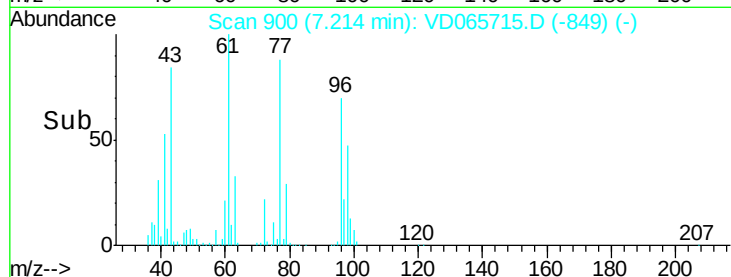
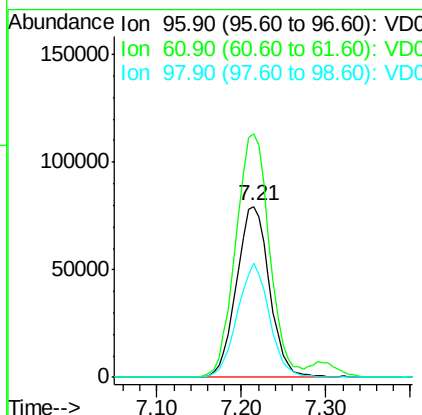
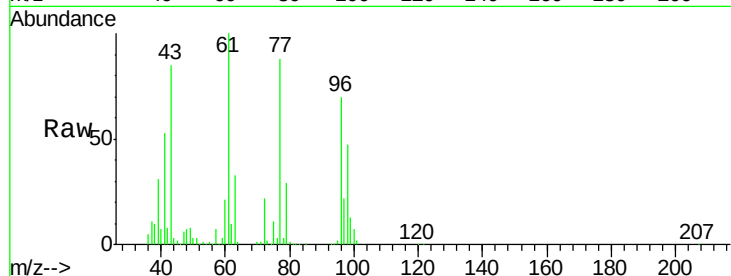


#27

cis-1,2-Dichloroethene
 Concen: 47.048 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

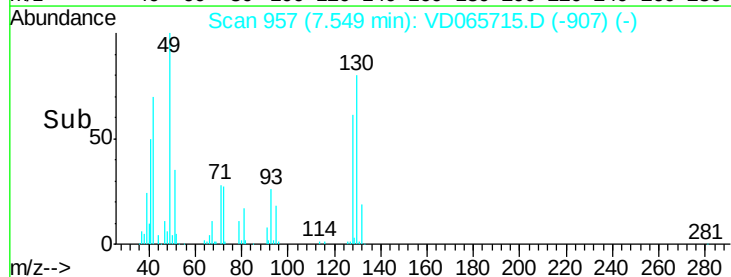
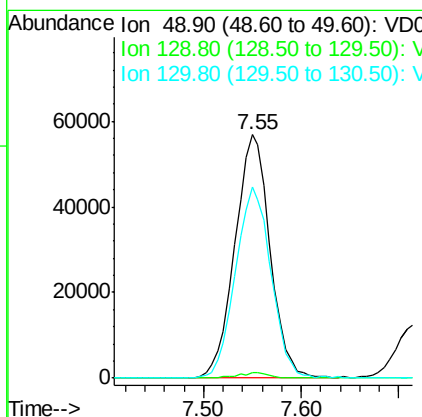
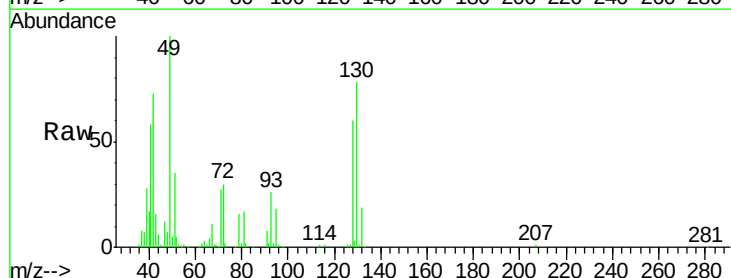
Tot Ion: 96 Resp: 215210
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 306.6
 98 64.7 0.0 129.4

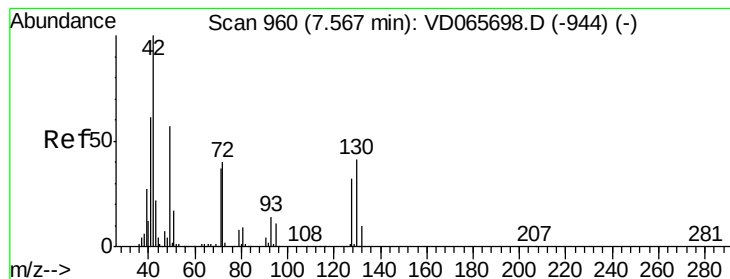


#28

Bromochloromethane
 Concen: 45.715 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion: 49 Resp: 142588
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 79.8 56.4 84.6





#29

Tetrahydrofuran

Concen: 209.260 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

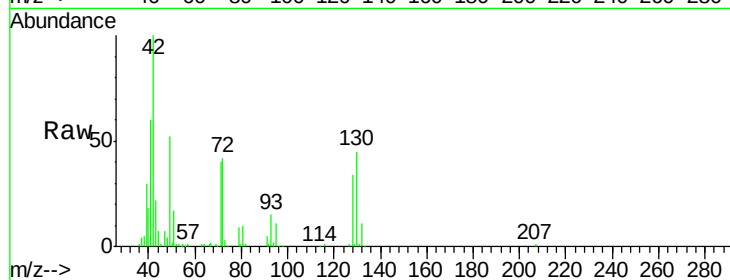
Tot Ion: 42 Resp: 165179

Ion Ratio Lower Upper

42 100

72 40.7 30.4 45.6

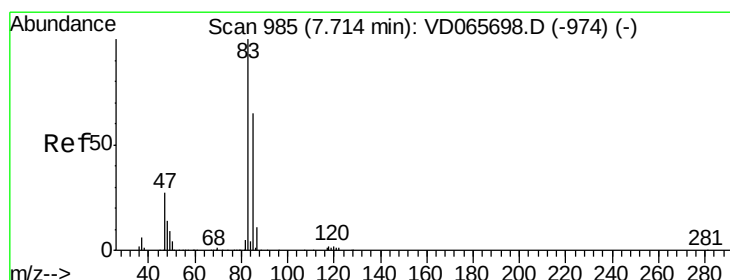
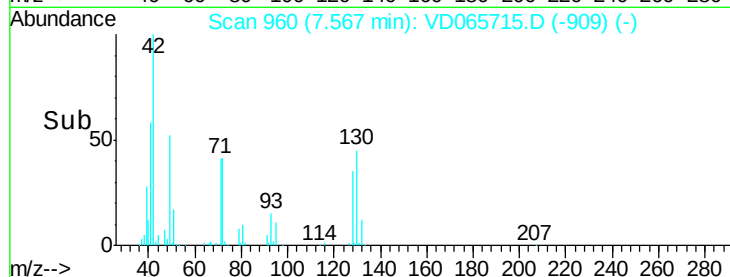
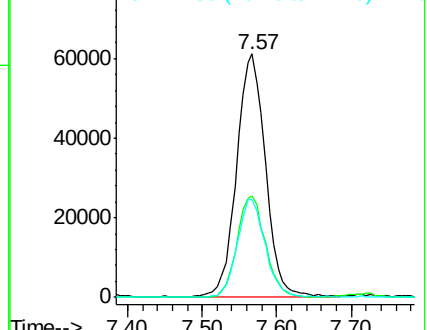
71 38.8 28.0 42.0



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: 46.575 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065715.D

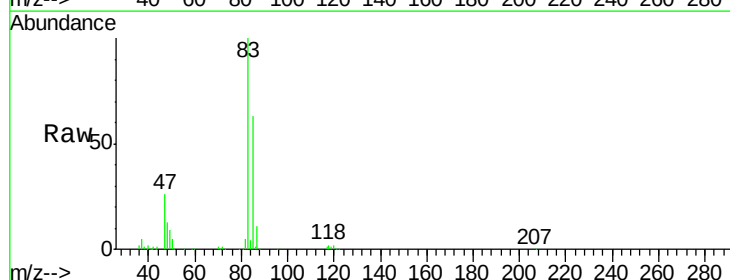
Acq: 07 May 2020 17:05

Tgt Ion: 83 Resp: 335178

Ion Ratio Lower Upper

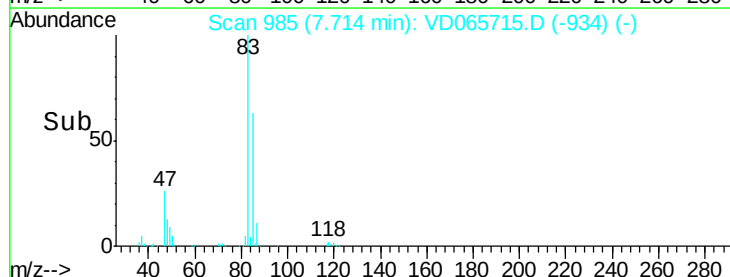
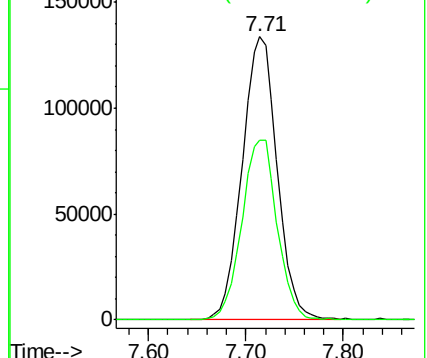
83 100

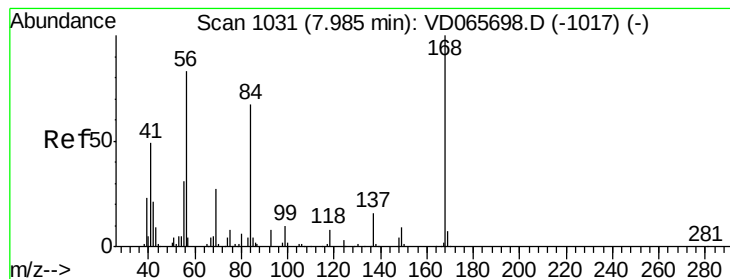
85 63.5 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 42.441 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

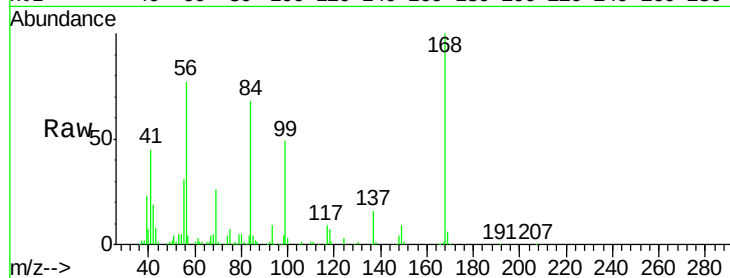
Tot Ion: 56 Resp: 328412

Ion Ratio Lower Upper

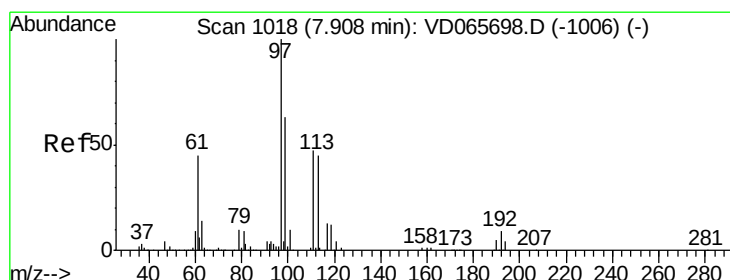
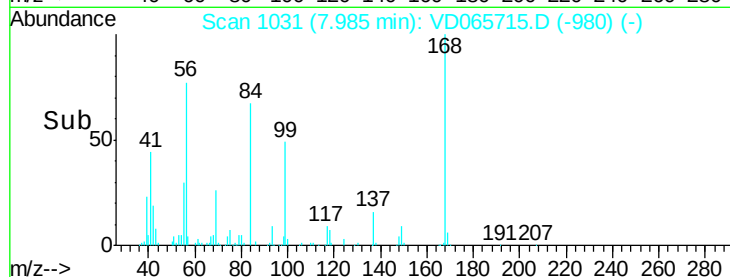
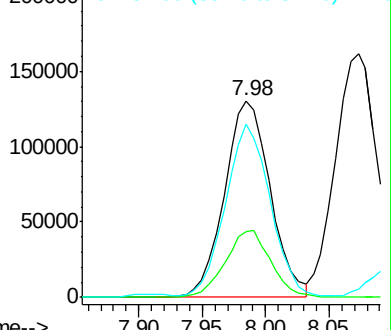
56 100

69 33.4 26.3 39.5

84 86.9 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: 45.719 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

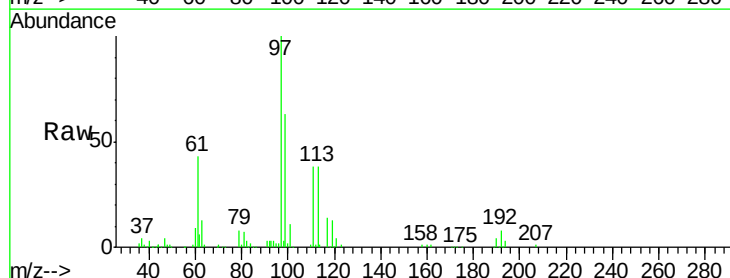
Tgt Ion: 97 Resp: 304993

Ion Ratio Lower Upper

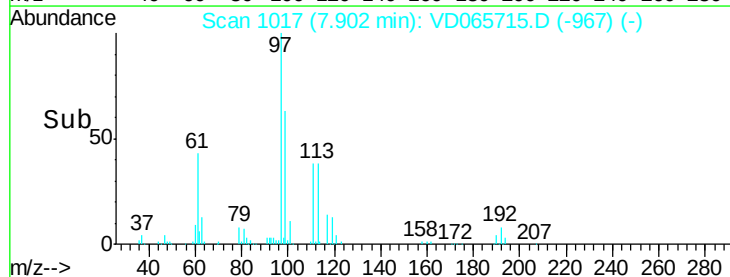
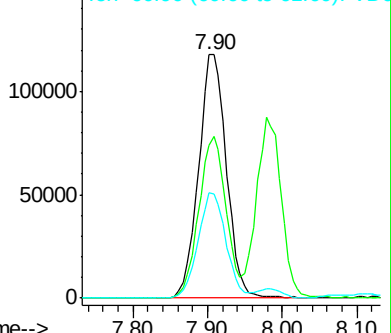
97 100

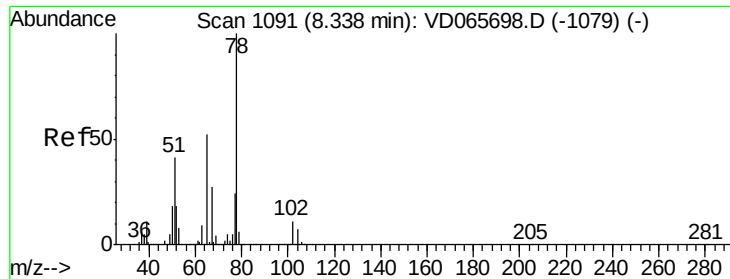
99 64.9 50.8 76.2

61 43.3 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

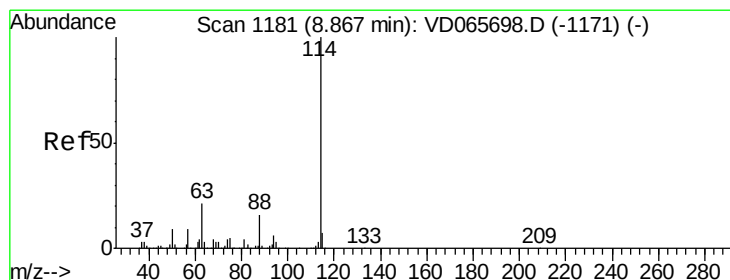
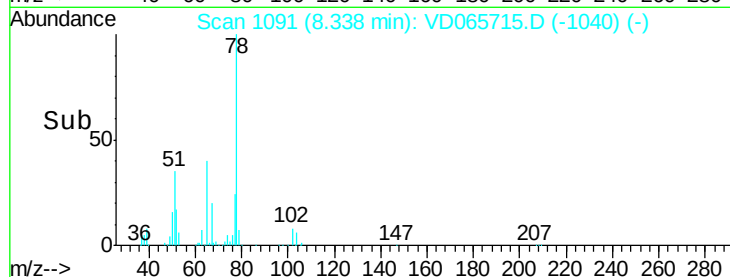
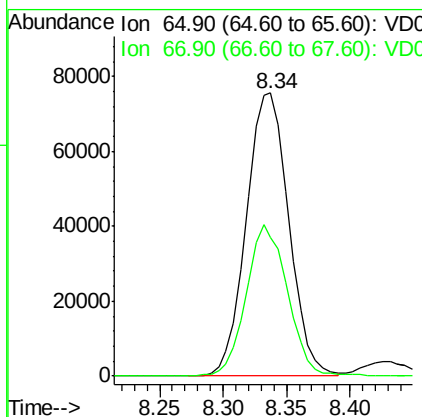
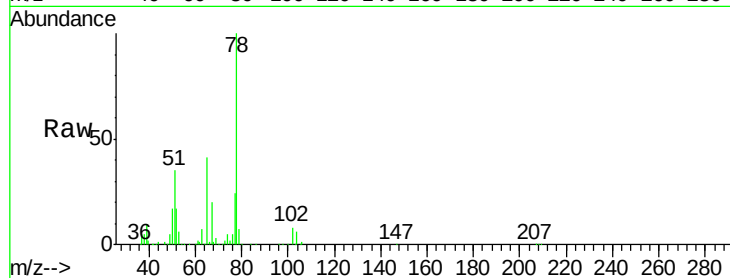




#33
 1,2-Dichloroethane-d4
 Concen: 45.555 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

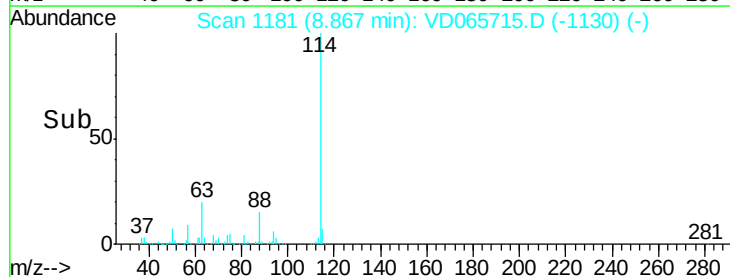
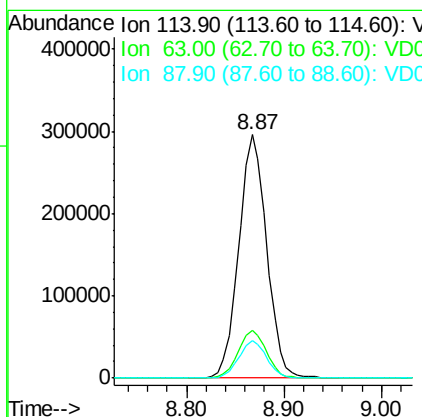
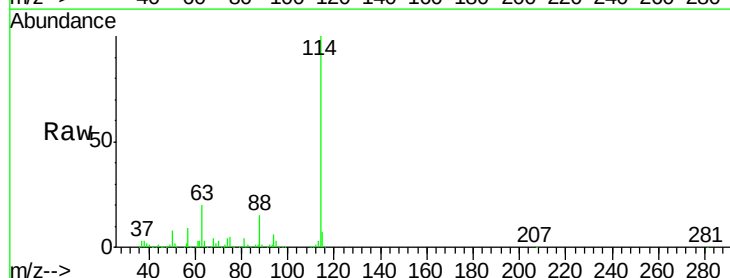
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

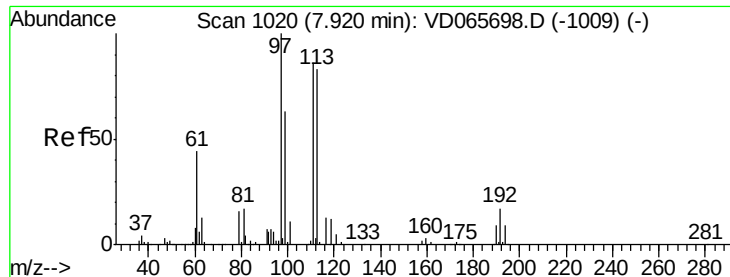
Tot Ion: 65 Resp: 176165
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion: 114 Resp: 586807
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.4 0.0 32.6

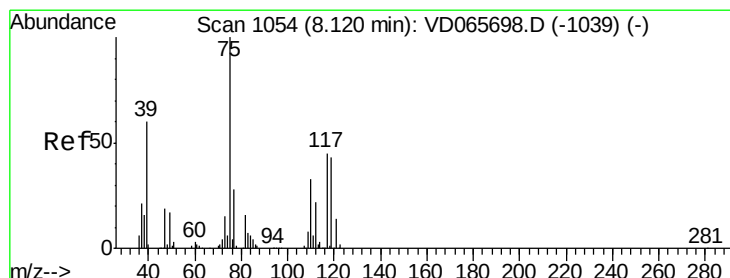
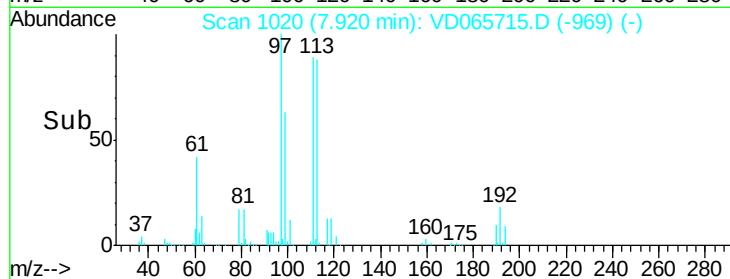
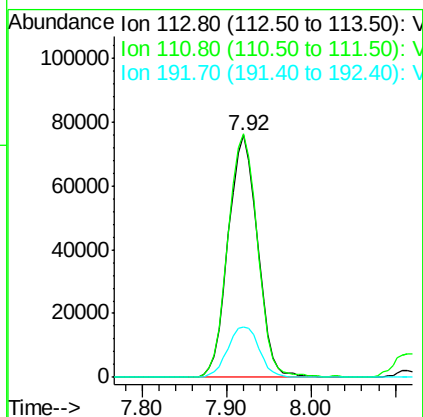
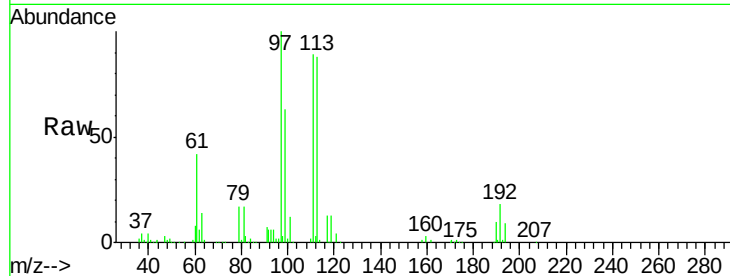




#35
 Dibromofluoromethane
 Concen: 49.633 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

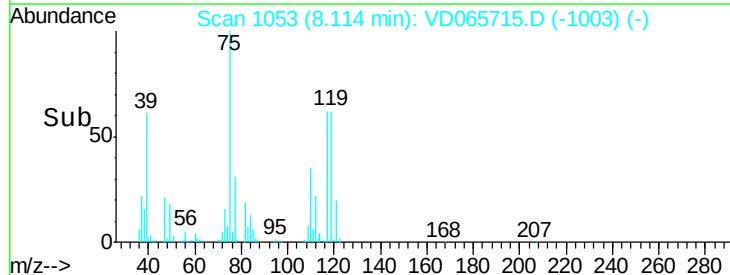
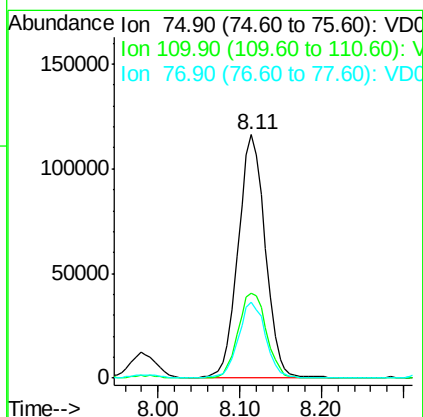
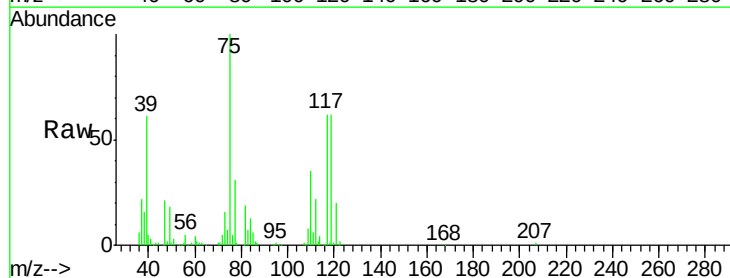
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

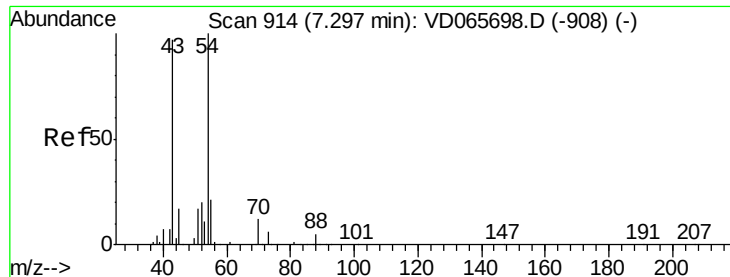
Tot Ion:113 Resp: 182029
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.7 124.1
 192 22.2 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 46.007 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion: 75 Resp: 268116
 Ion Ratio Lower Upper
 75 100
 110 36.5 17.2 51.6
 77 31.6 23.7 35.5

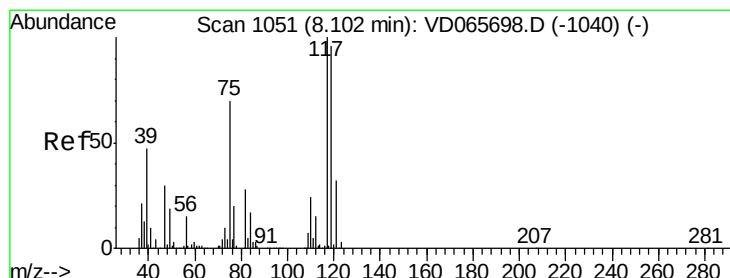
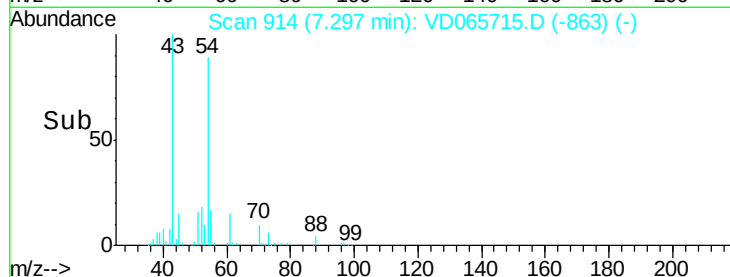
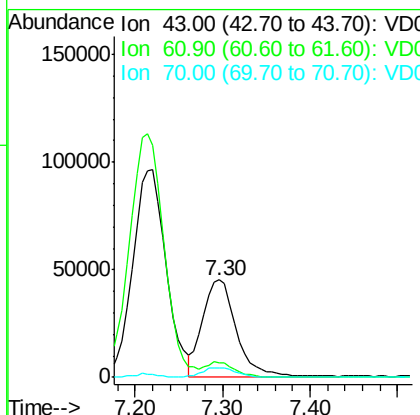
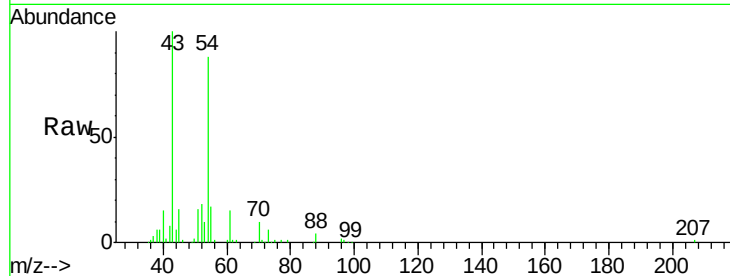




#37
Ethyl Acetate
Concen: 43.210 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

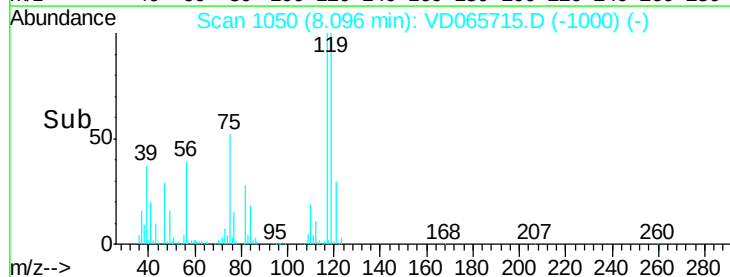
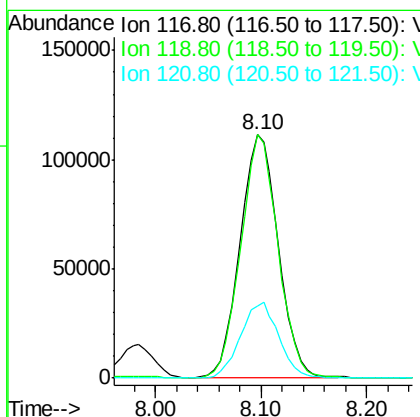
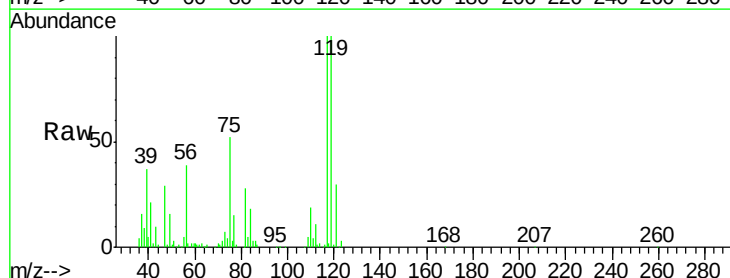
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

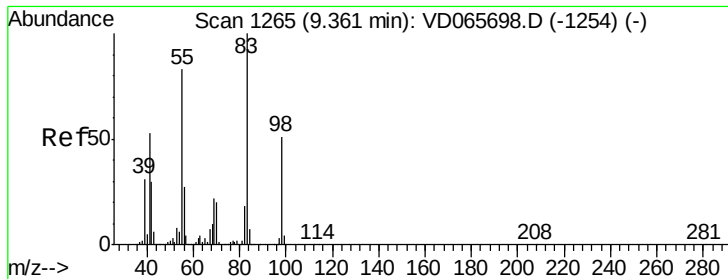
Tot Ion: 43 Resp: 121253
Ion Ratio Lower Upper
43 100
61 12.7 9.9 14.9
70 10.4 7.3 10.9



#38
Carbon Tetrachloride
Concen: 48.203 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion: 117 Resp: 278517
Ion Ratio Lower Upper
117 100
119 99.9 77.1 115.7
121 29.8 25.5 38.3

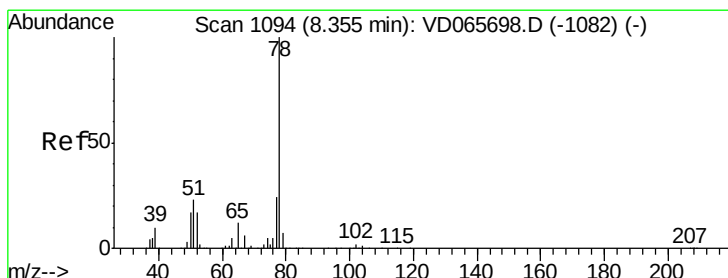
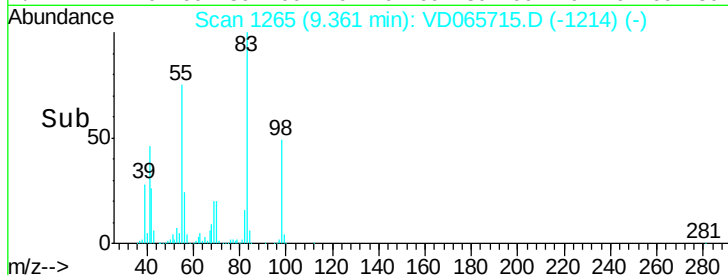
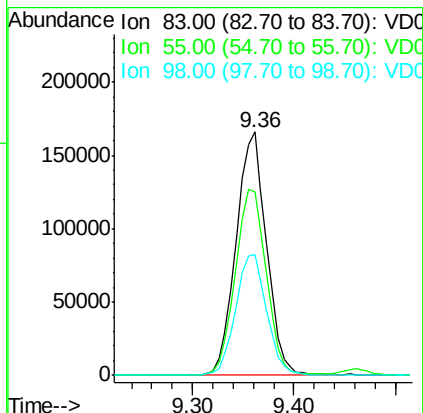
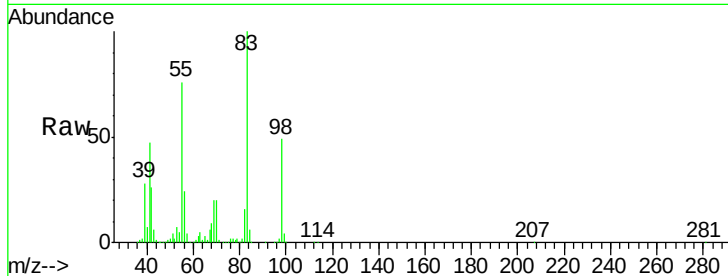




#39
Methylvlcyclohexane
Concen: 47.192 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

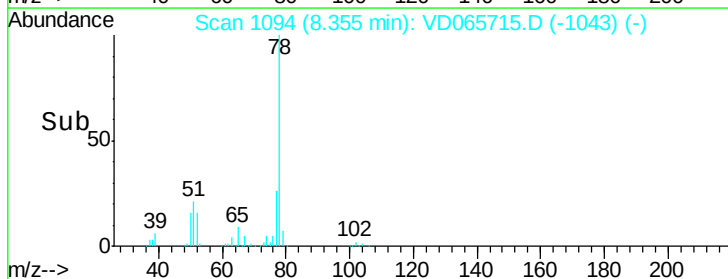
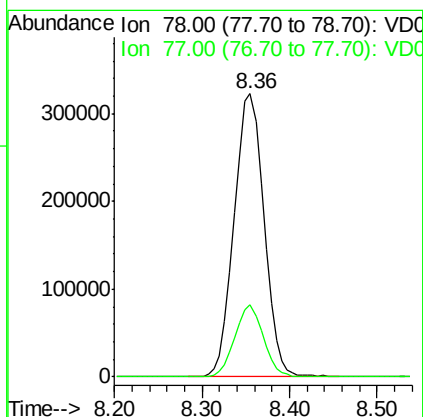
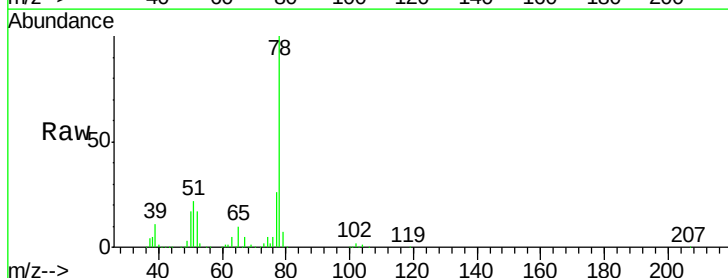
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

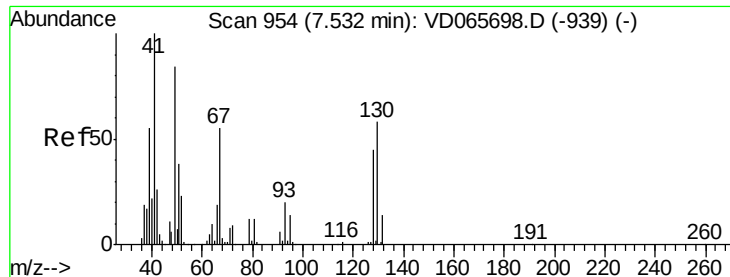
Tot Ion: 83 Resp: 345276
Ion Ratio Lower Upper
83 100
55 75.5 66.0 99.0
98 49.4 41.0 61.4



#40
Benzene
Concen: 47.062 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion: 78 Resp: 749034
Ion Ratio Lower Upper
78 100
77 25.7 19.6 29.4

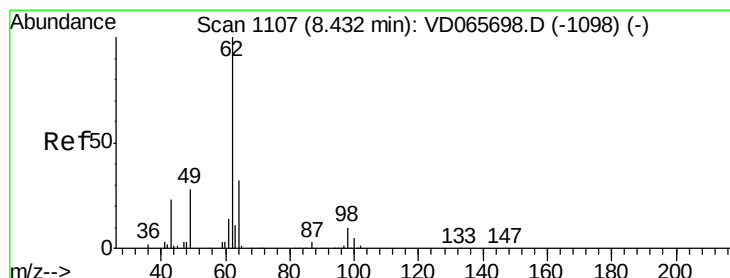
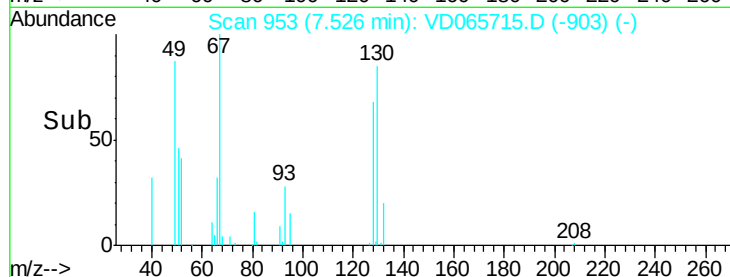
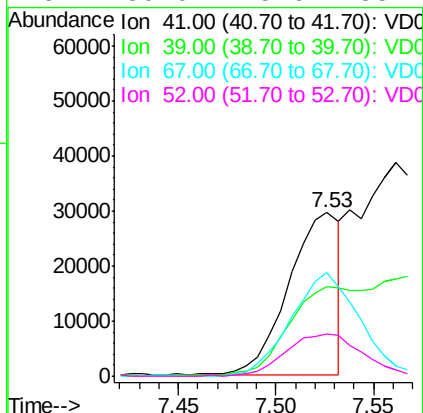
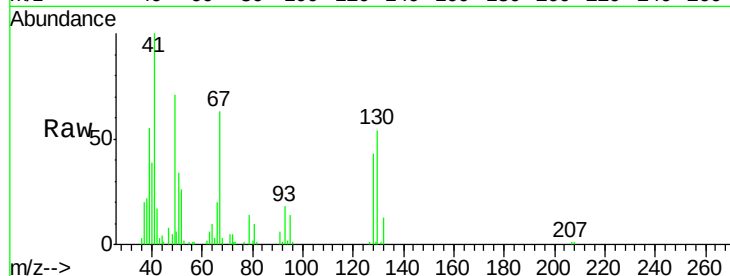




#41
Methacrylonitrile
Concen: 33.506 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

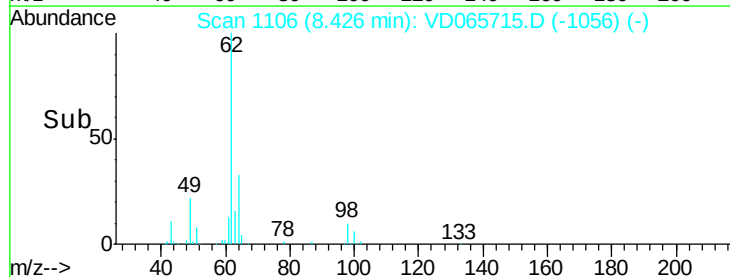
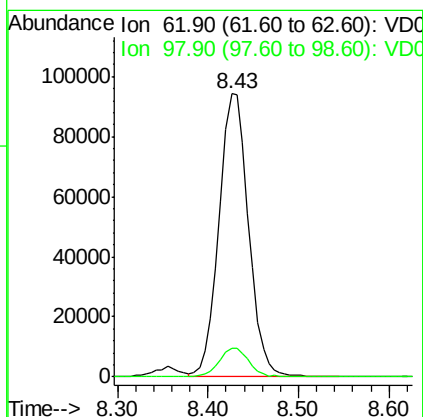
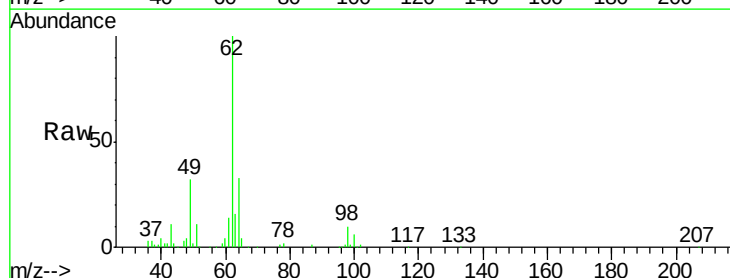
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

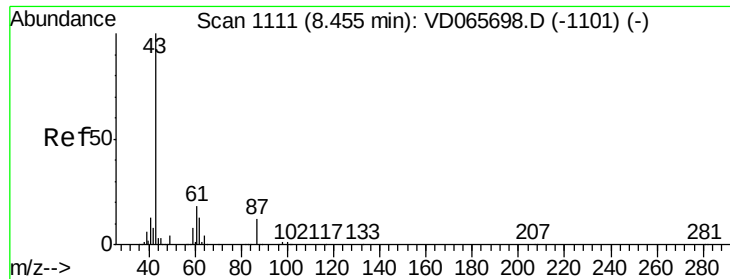
Tot Ion: 41 Resp: 54231
Ion Ratio Lower Upper
41 100
39 73.7 52.5 78.7
67 85.2 59.4 89.0
52 39.0 25.6 38.4#



#42
1,2-Dichloroethane
Concen: 46.501 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion: 62 Resp: 212964
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.2





#43

Isopropyl Acetate

Concen: 44.029 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

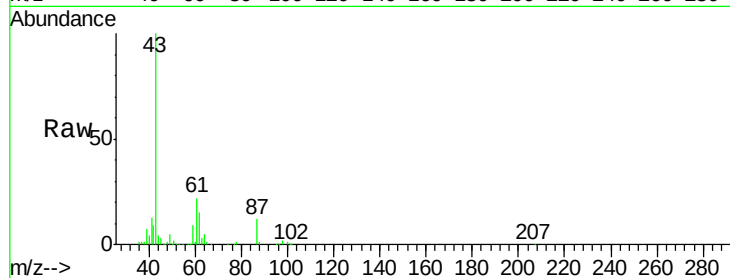
Tot Ion: 43 Resp: 247065

Ion Ratio Lower Upper

43 100

61 28.1 21.9 32.9

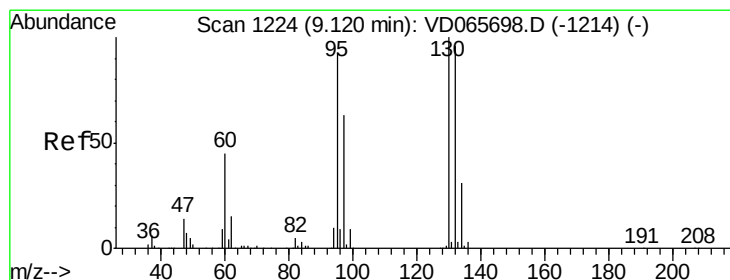
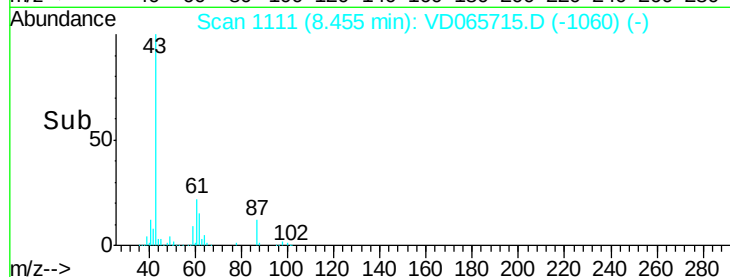
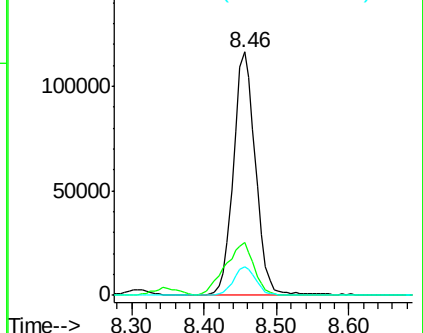
87 12.0 9.4 14.2



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: 49.501 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD065715.D

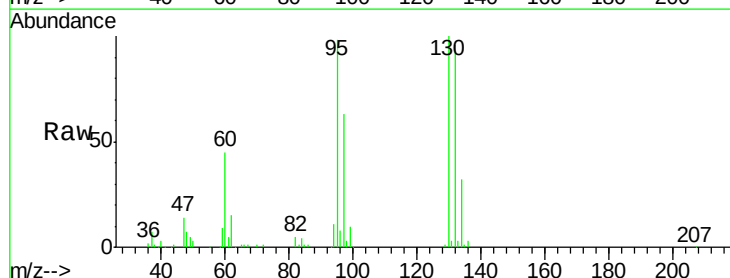
Acq: 07 May 2020 17:05

Tgt Ion: 130 Resp: 217111

Ion Ratio Lower Upper

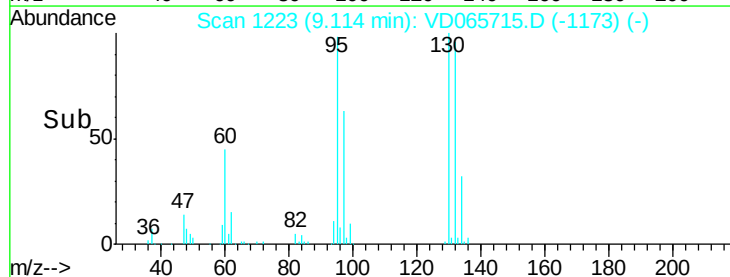
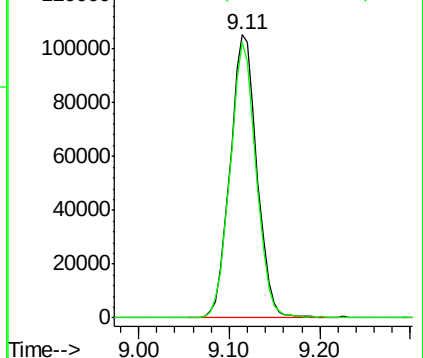
130 100

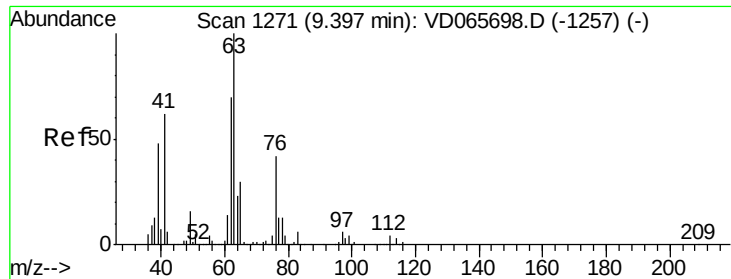
95 97.6 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

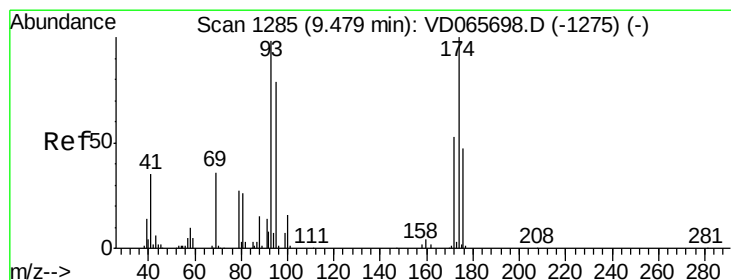
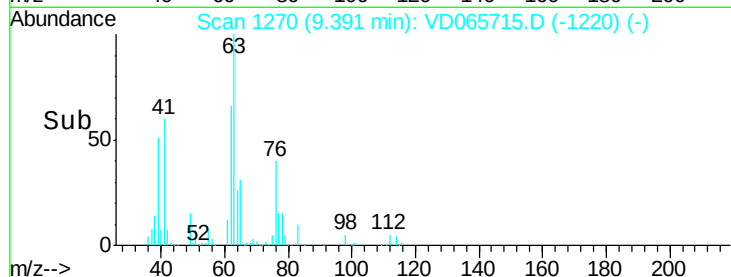
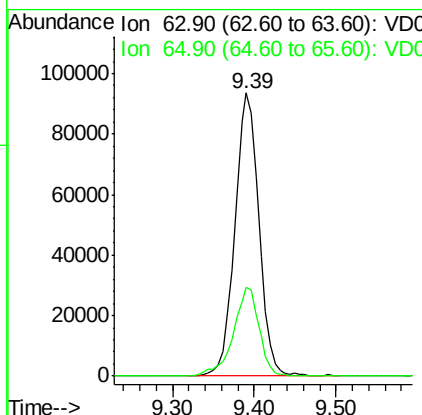
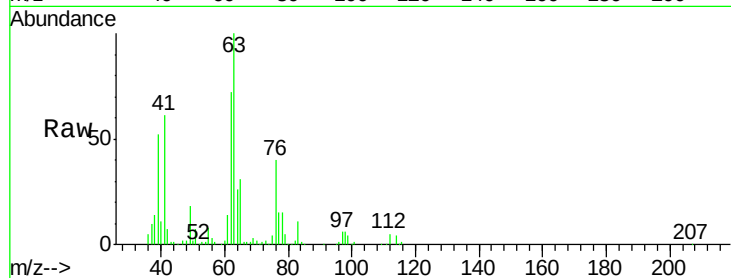




#45
 1,2-Dichloropropane
 Concen: 46.585 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

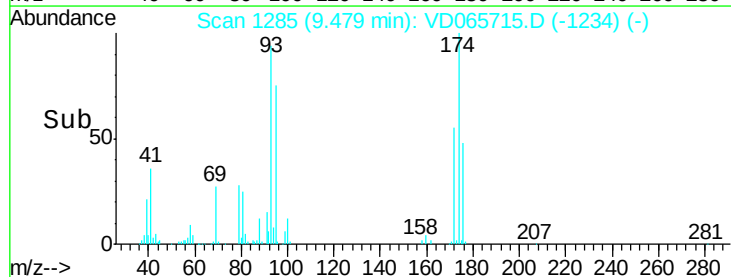
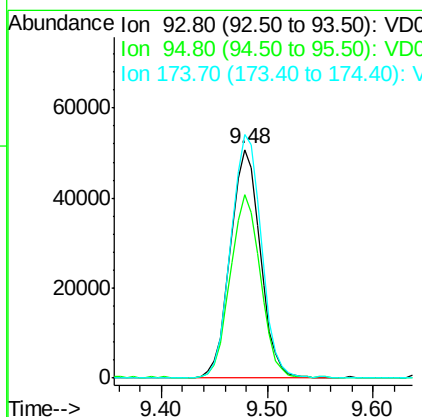
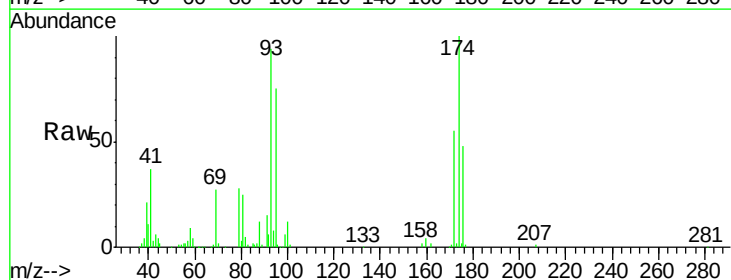
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

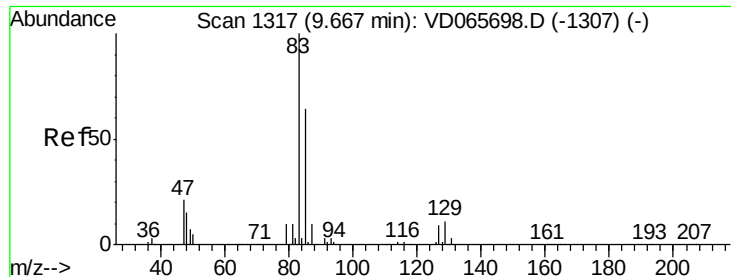
Tot Ion: 63 Resp: 191741
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.1 36.1



#46
 Dibromomethane
 Concen: 48.604 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion: 93 Resp: 100347
 Ion Ratio Lower Upper
 93 100
 95 80.7 65.3 97.9
 174 107.6 82.7 124.1





#47

Bromodichloromethane

Concen: 47.406 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

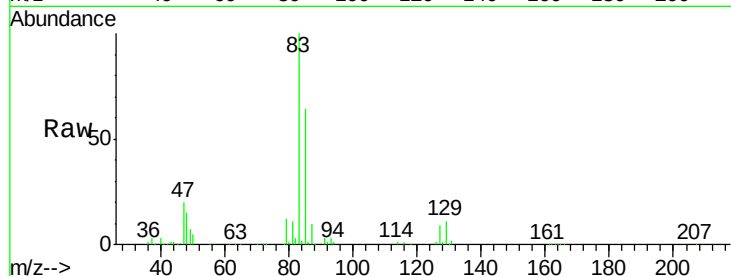
Tot Ion: 83 Resp: 261728

Ion Ratio Lower Upper

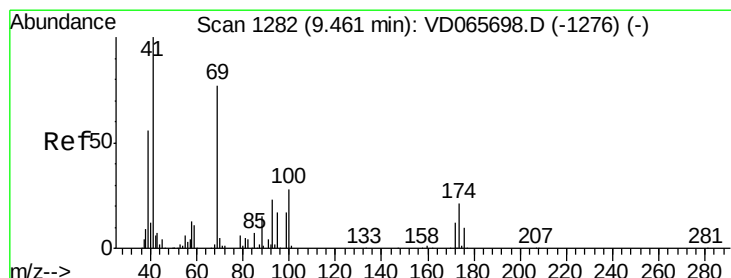
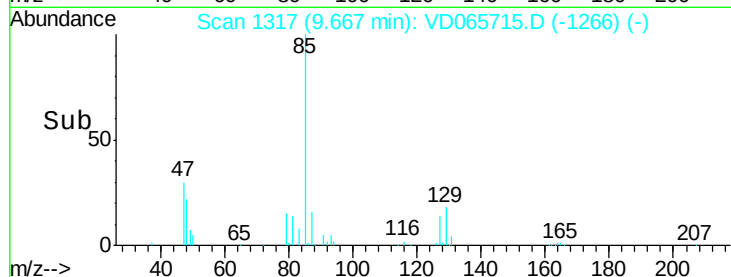
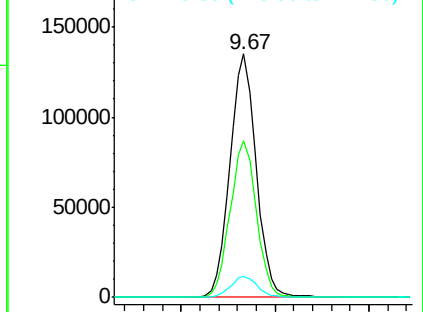
83 100

85 64.2 50.9 76.3

127 8.7 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): V



#48

Methyl methacrylate

Concen: 43.097 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

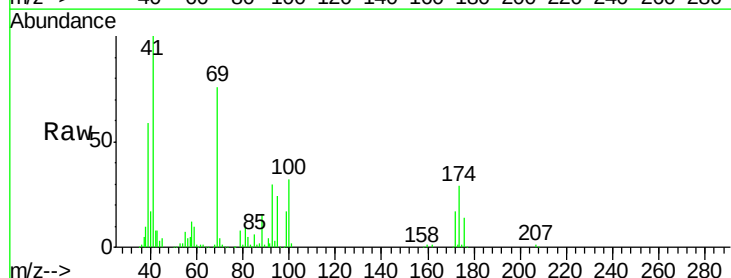
Tgt Ion: 41 Resp: 121090

Ion Ratio Lower Upper

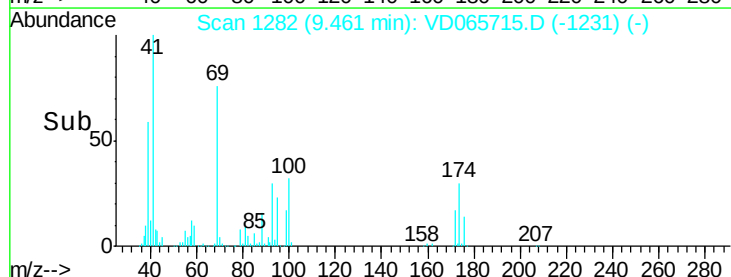
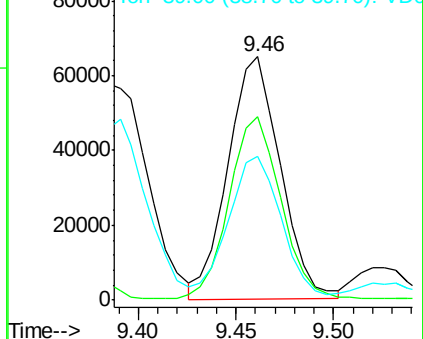
41 100

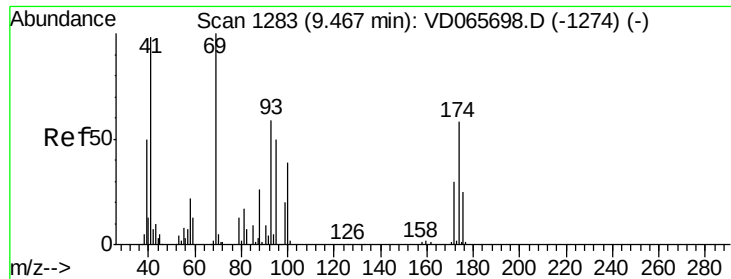
69 74.4 58.2 87.2

39 54.9 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

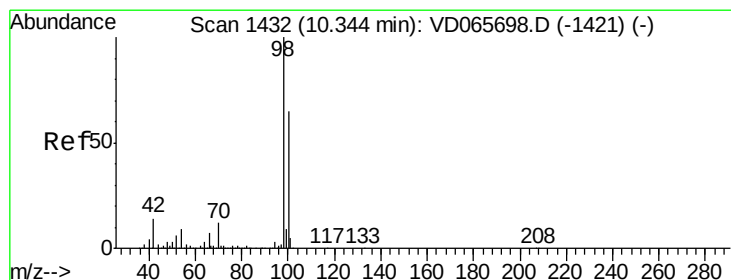
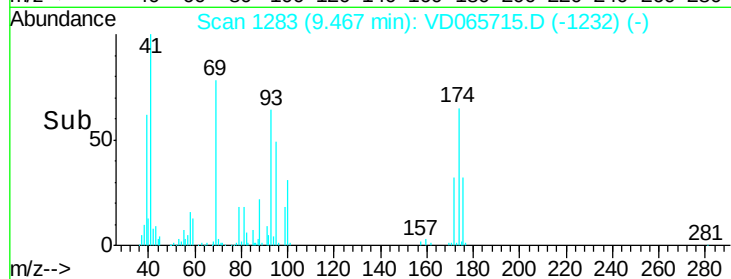
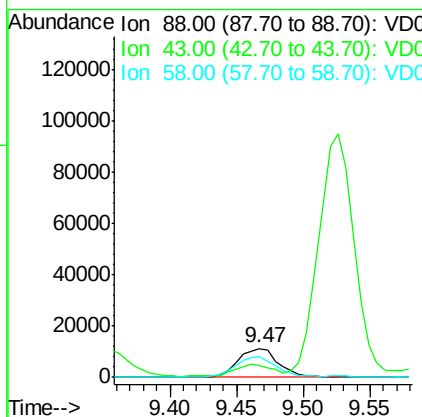
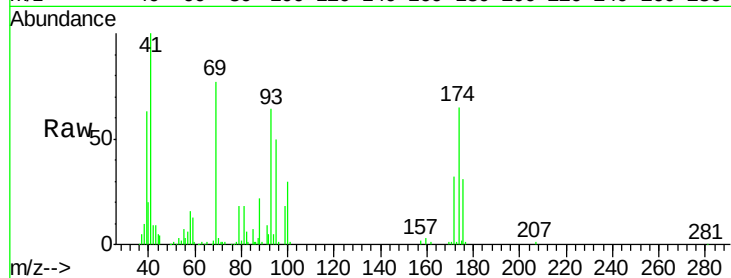




#49
1,4-Dioxane
Concen: 931.691 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

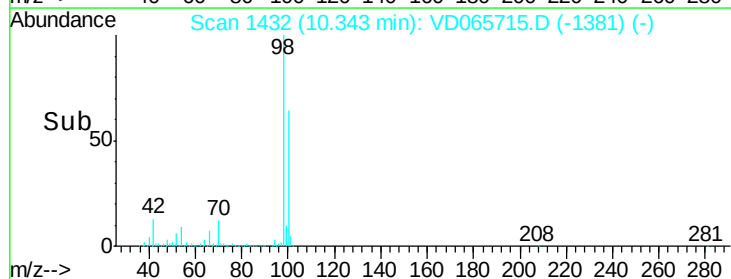
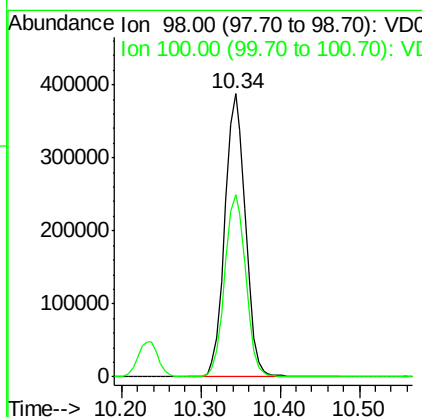
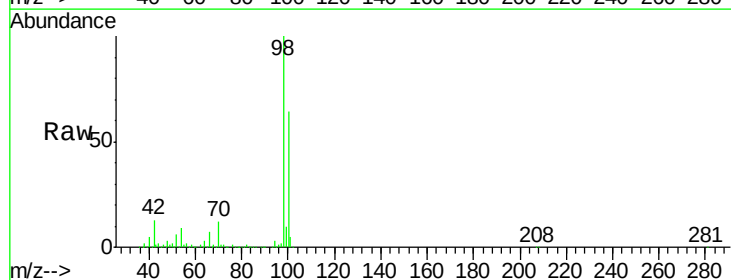
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

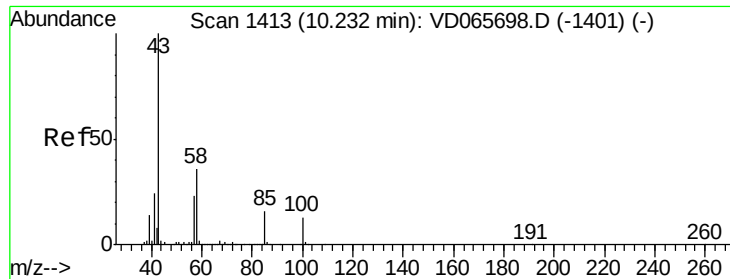
Tot Ion: 88 Resp: 23579
Ion Ratio Lower Upper
88 100
43 37.3 31.6 47.4
58 72.3 60.2 90.4



#50
Toluene-d8
Concen: 49.422 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion: 98 Resp: 696072
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

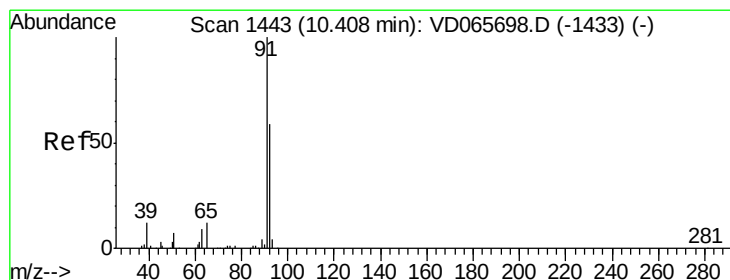
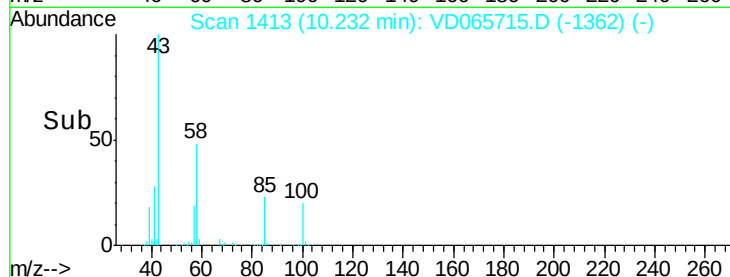
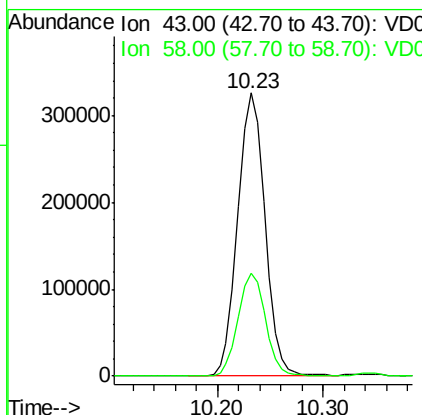
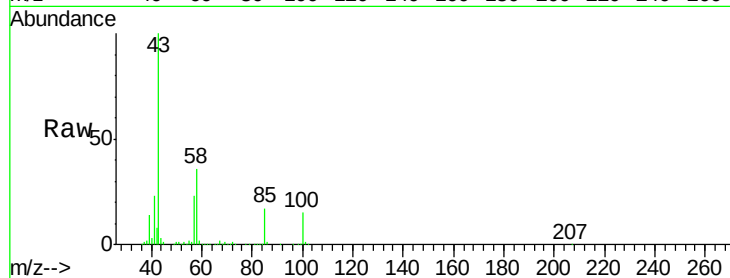




#51
 4-Methyl-2-Pentanone
 Concen: 216.192 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

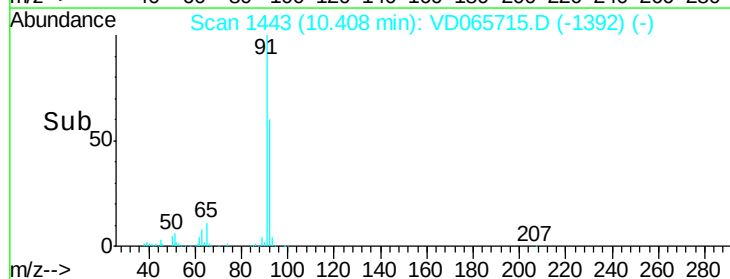
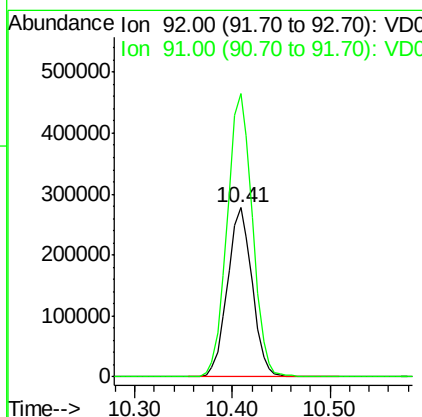
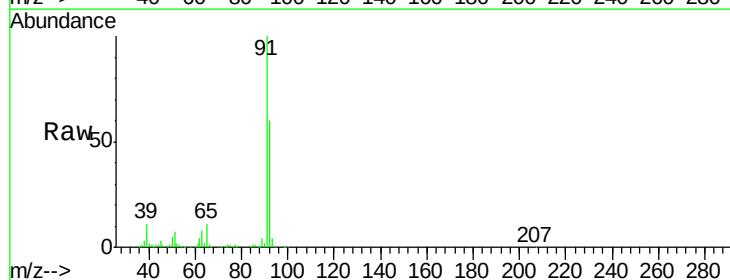
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

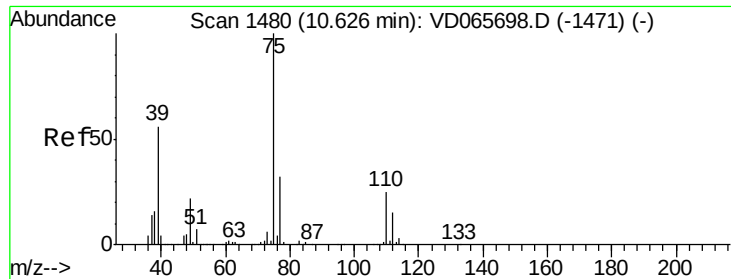
Tot Ion: 43 Resp: 584668
 Ion Ratio Lower Upper
 43 100
 58 36.5 28.6 42.8



#52
 Toluene
 Concen: 48.464 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion: 92 Resp: 487792
 Ion Ratio Lower Upper
 92 100
 91 171.2 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 46.688 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

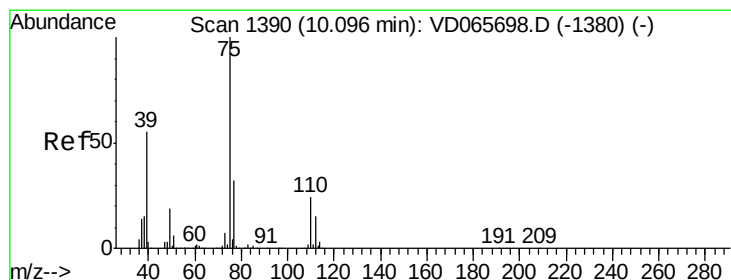
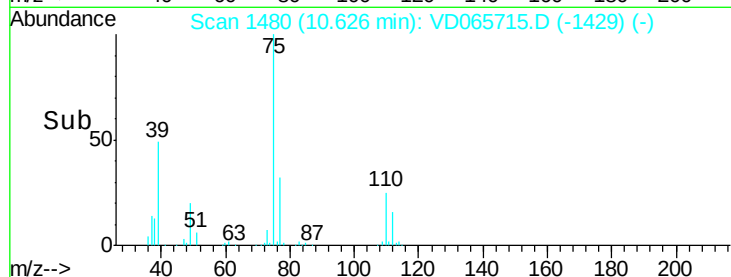
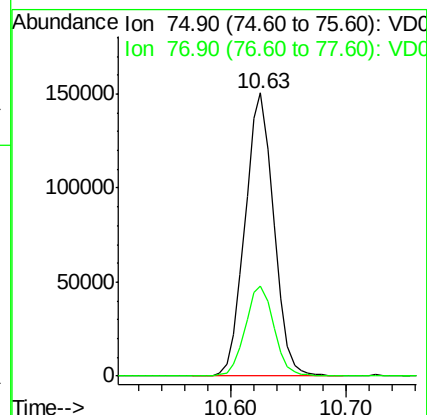
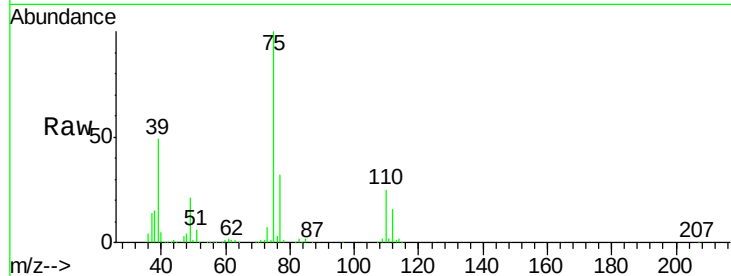
VSTDCCC050EC

Tot Ion: 75 Resp: 261091

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 46.933 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

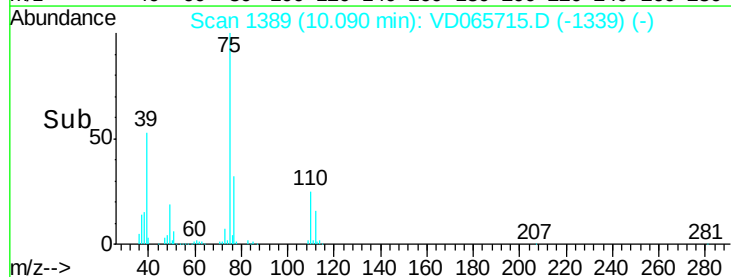
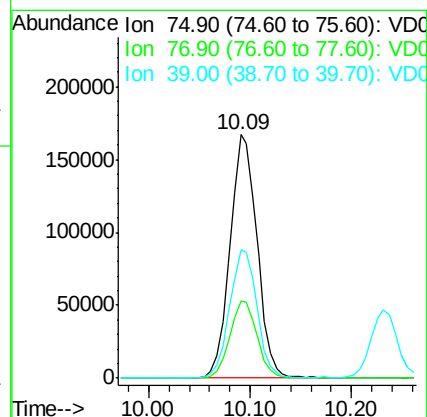
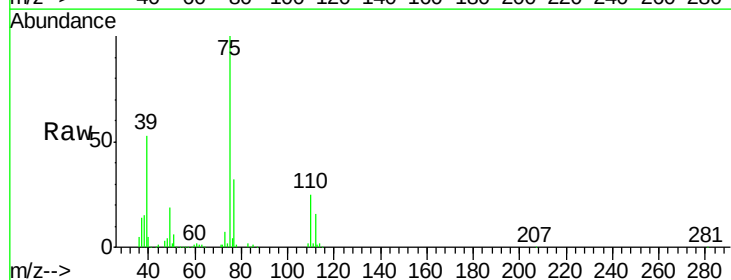
Tgt Ion: 75 Resp: 309201

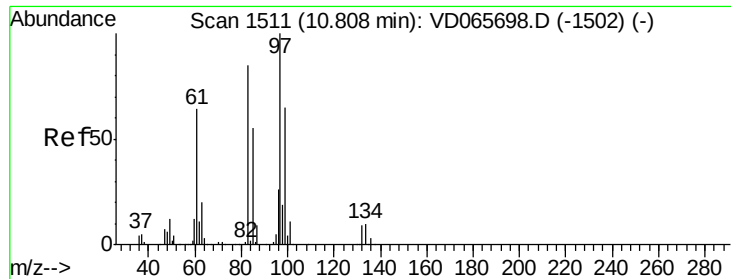
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8

39 52.8 44.4 66.6

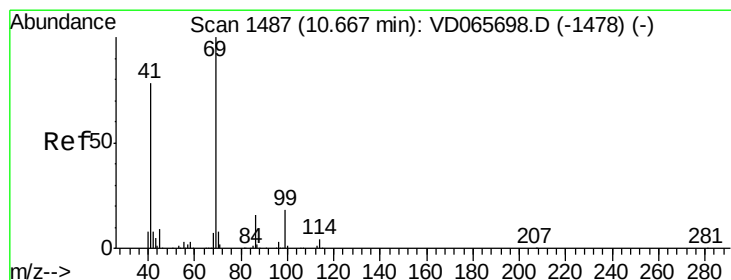
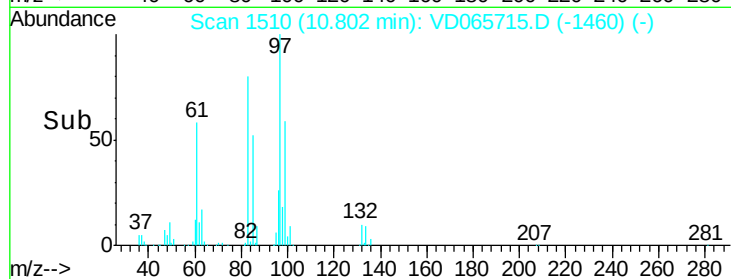
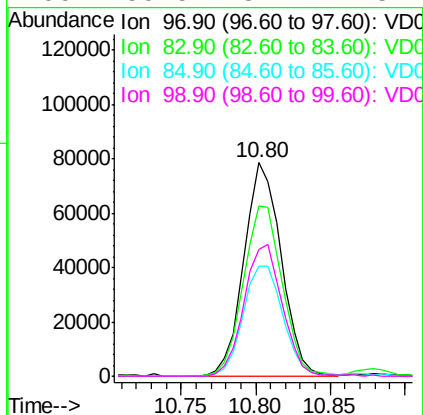
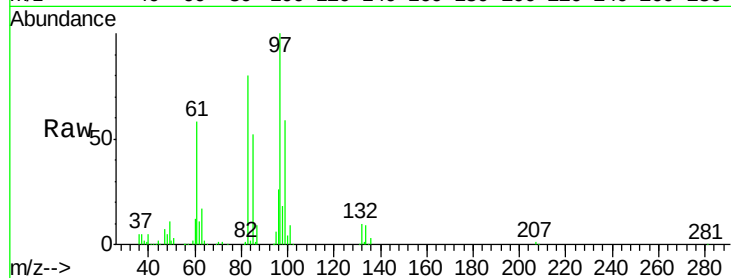




#55
 1,1,2-Trichloroethane
 Concen: 48.920 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

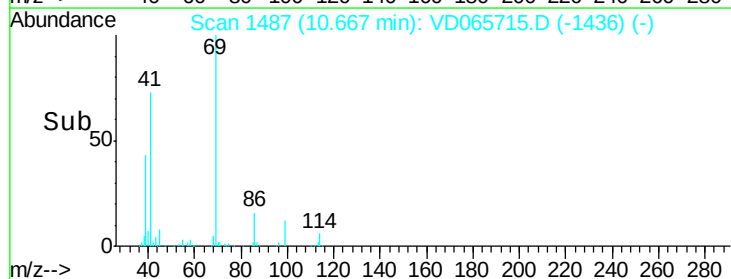
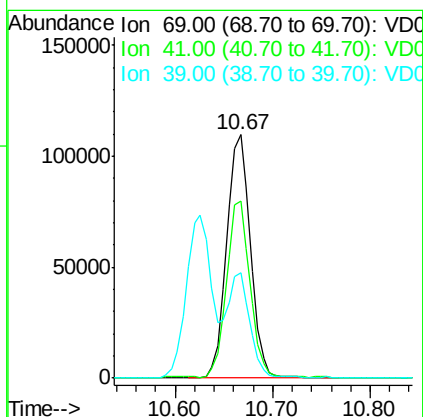
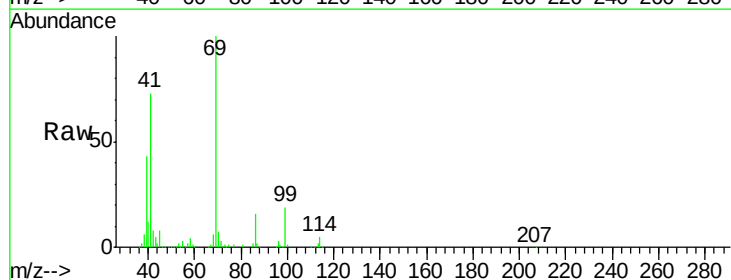
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

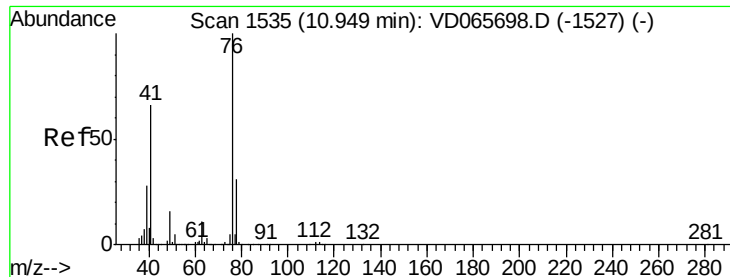
Tot Ion:	97	Resp:	136158
Ion	Ratio	Lower	Upper
97	100		
83	79.9	68.2	102.4
85	51.9	43.6	65.4
99	59.5	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 46.229 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion:	69	Resp:	185786
Ion	Ratio	Lower	Upper
69	100		
41	70.5	61.4	92.0
39	36.9	32.7	49.1





#57

1,3-Dichloropropane

Concen: 47.284 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

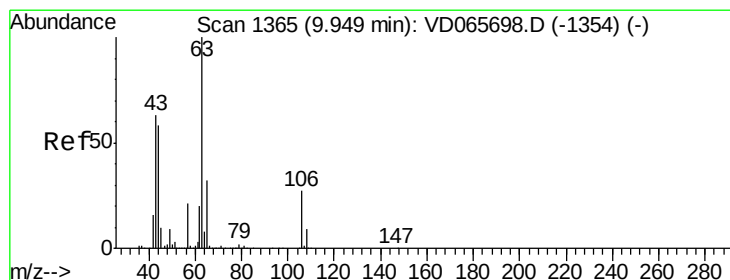
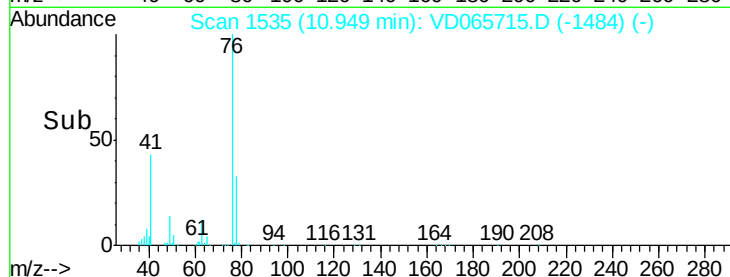
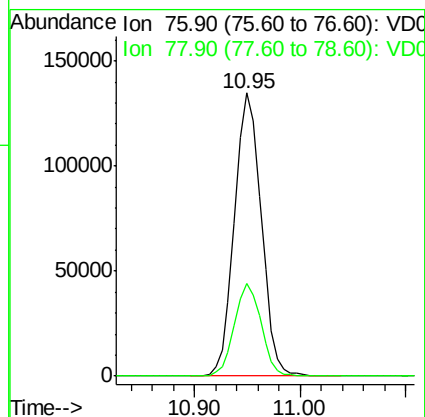
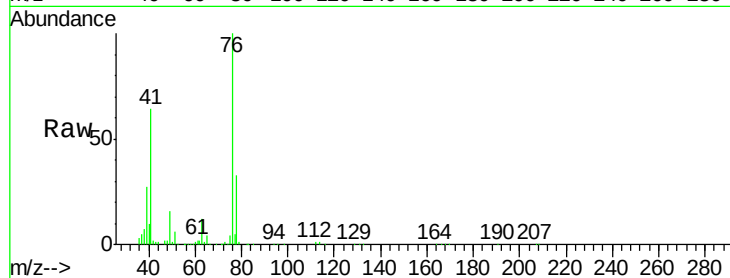
VSTDCCC050EC

Tot Ion: 76 Resp: 236603

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 233.289 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065715.D

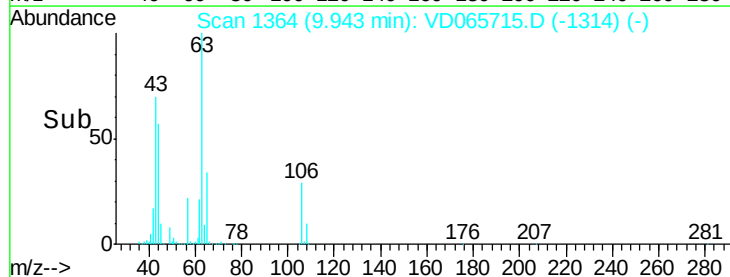
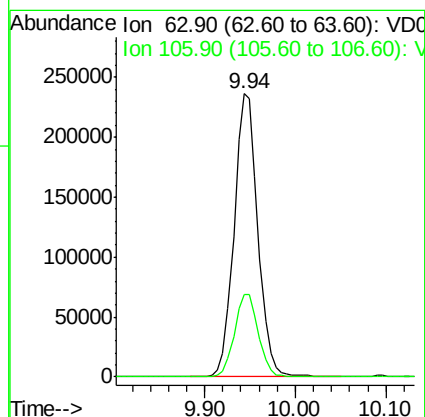
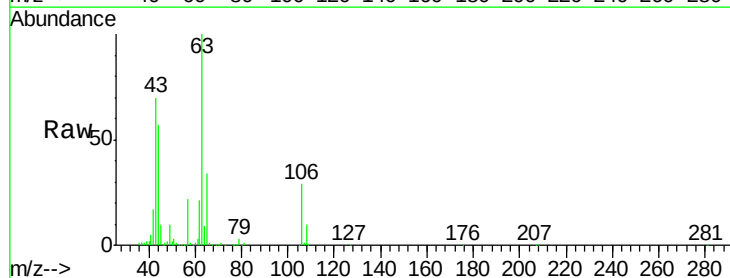
Acq: 07 May 2020 17:05

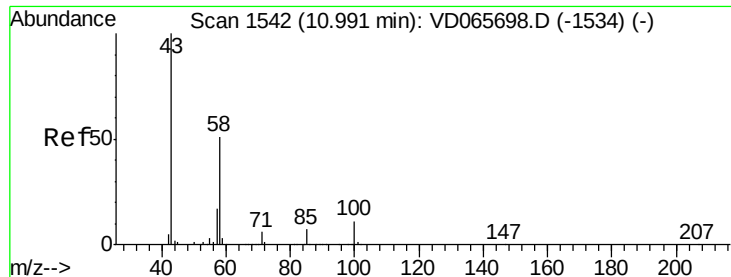
Tgt Ion: 63 Resp: 430403

Ion Ratio Lower Upper

63 100

106 29.4 22.0 33.0

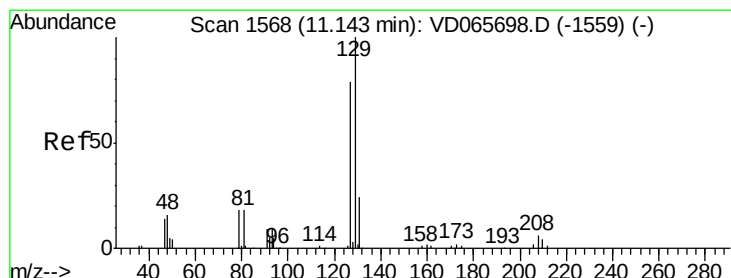
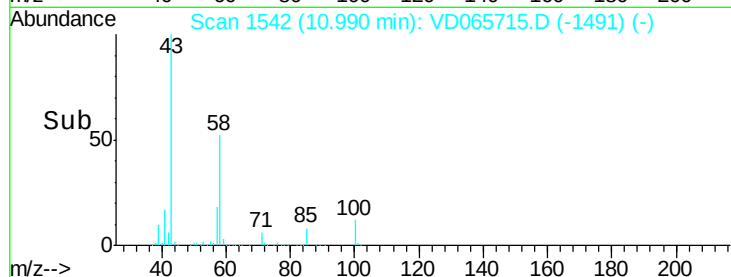
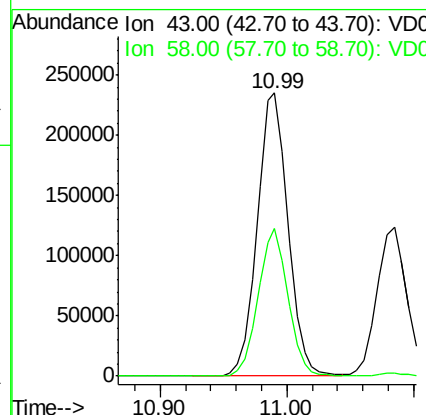
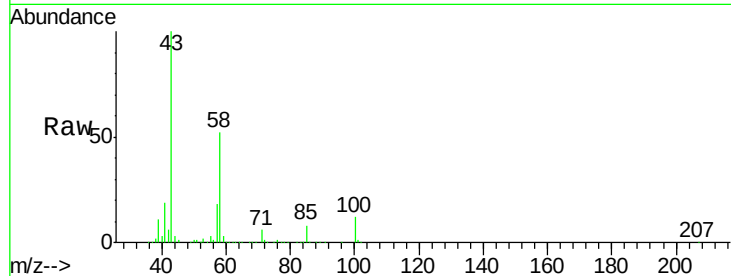




#59
2-Hexanone
Concen: 213.200 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

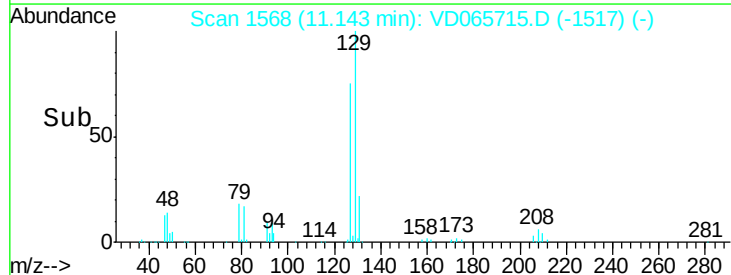
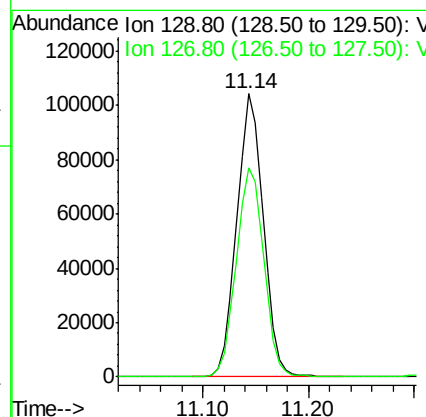
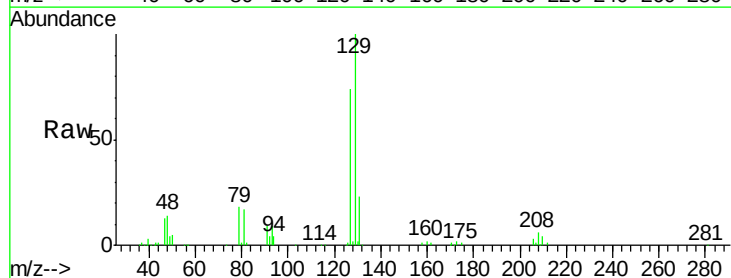
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

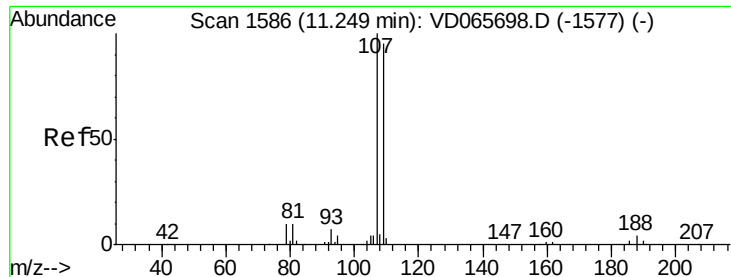
Tot Ion: 43 Resp: 396570
Ion Ratio Lower Upper
43 100
58 50.8 25.4 76.0



#60
Dibromochloromethane
Concen: 48.407 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion: 129 Resp: 180989
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6

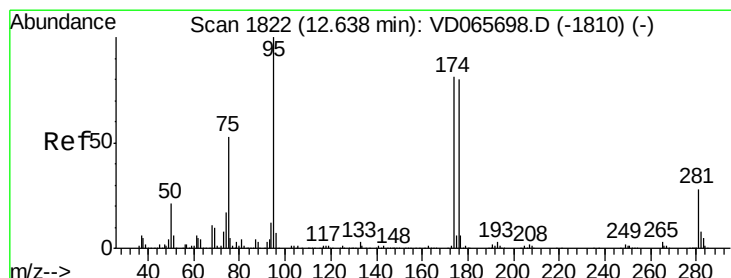
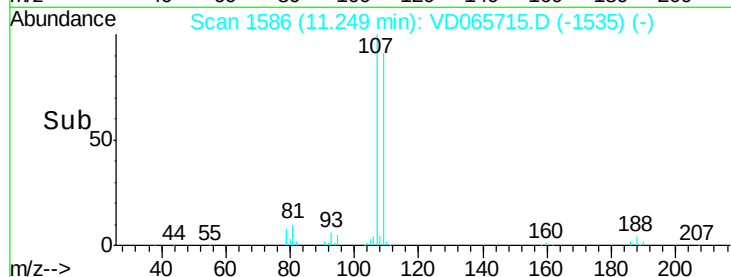
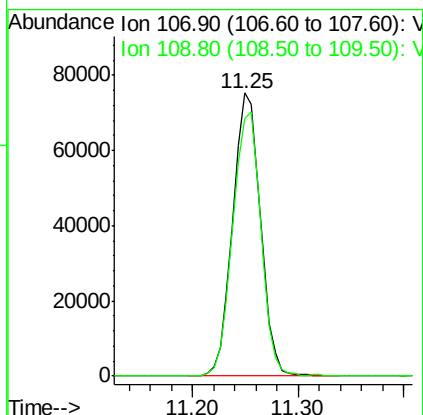
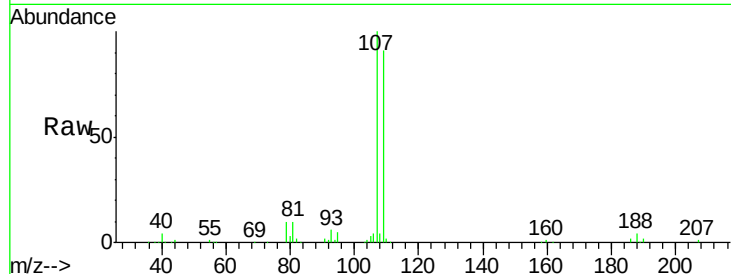




#61
 1,2-Dibromoethane
 Concen: 48.725 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

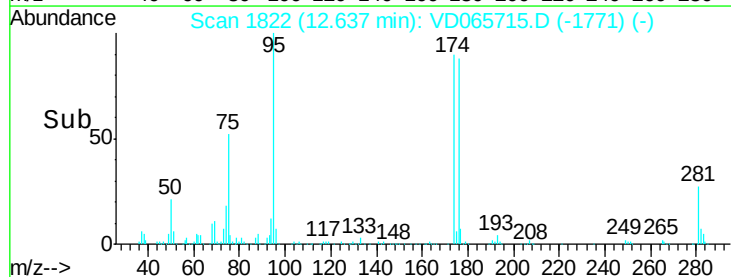
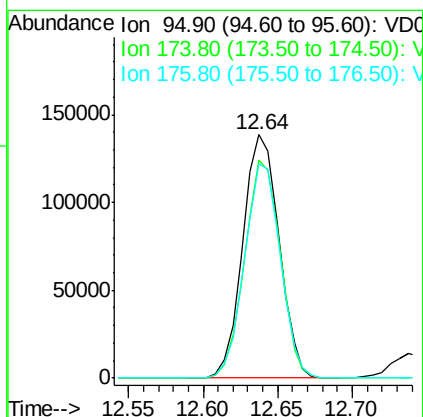
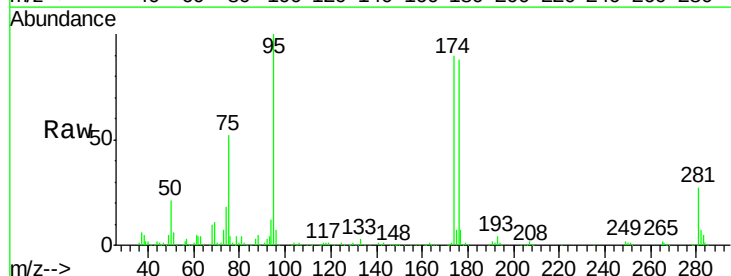
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

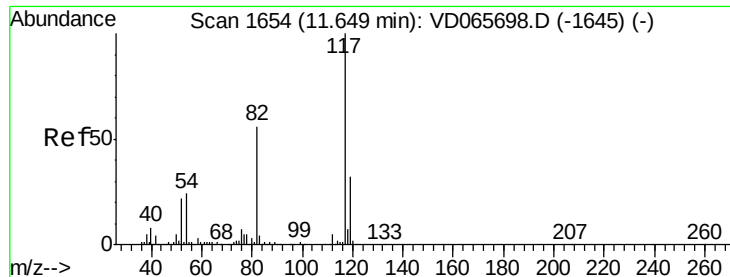
Tot Ion:107 Resp: 136453
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 46.660 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion: 95 Resp: 232972
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 162.6
 176 87.2 0.0 159.0

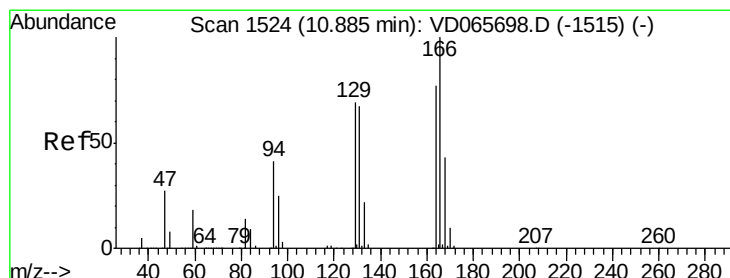
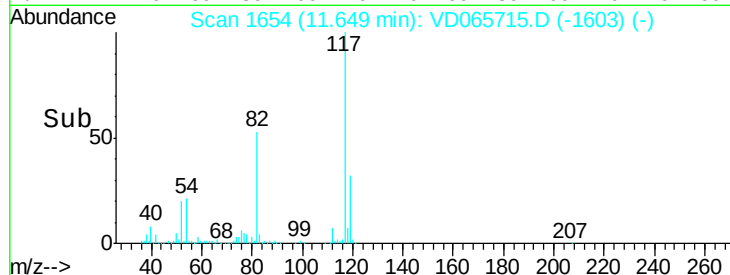
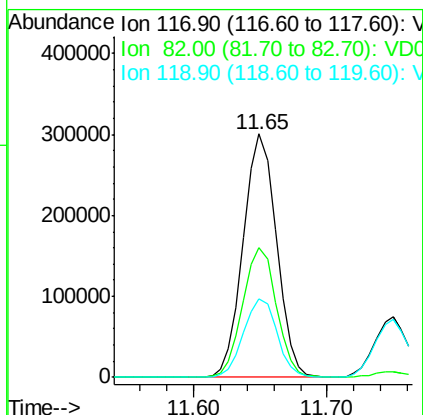
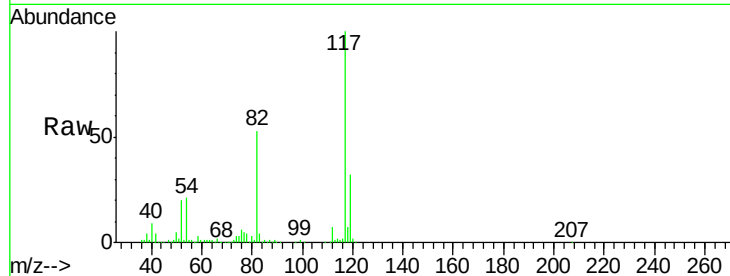




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

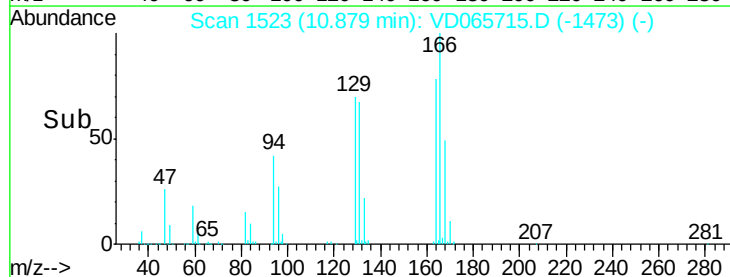
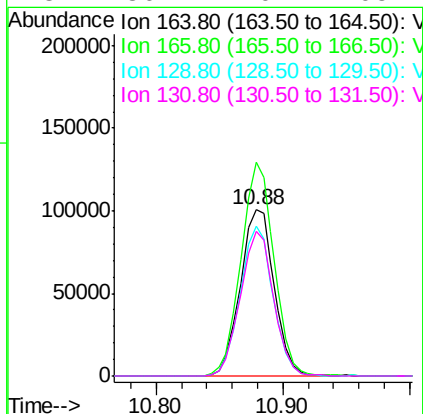
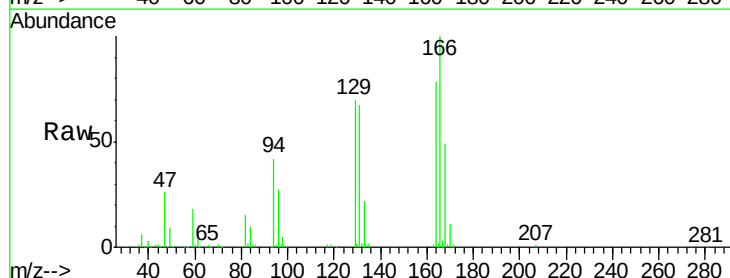
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

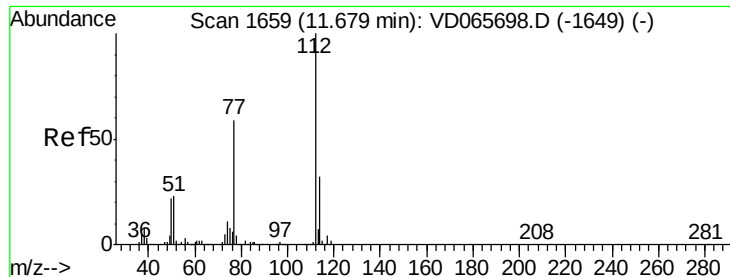
Tot Ion:117 Resp: 520638
Ion Ratio Lower Upper
117 100
82 53.4 44.9 67.3
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 50.217 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.01 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion:164 Resp: 186061
Ion Ratio Lower Upper
164 100
166 128.5 104.3 156.5
129 89.8 71.9 107.9
131 86.7 70.2 105.2





#65

Chlorobenzene

Concen: 48.549 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

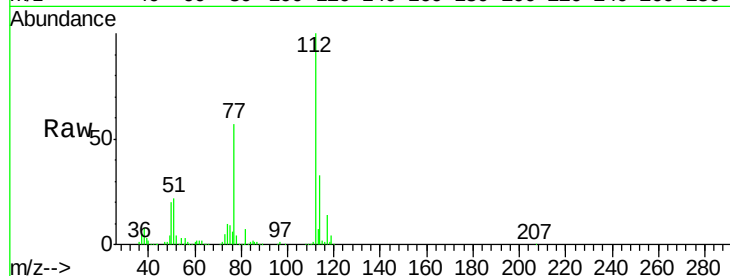
VSTDCCC050EC

Tot Ion:112 Resp: 509257

Ion Ratio Lower Upper

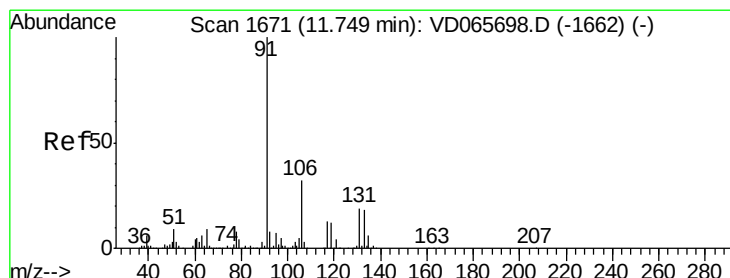
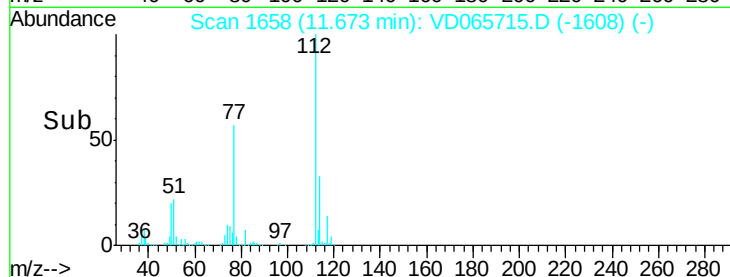
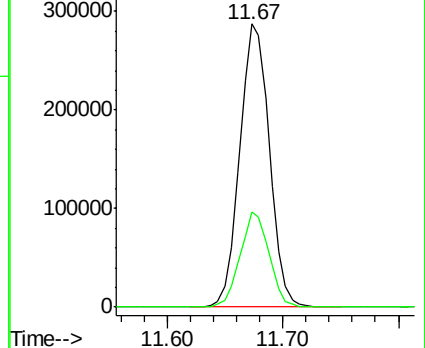
112 100

114 33.5 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.057 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

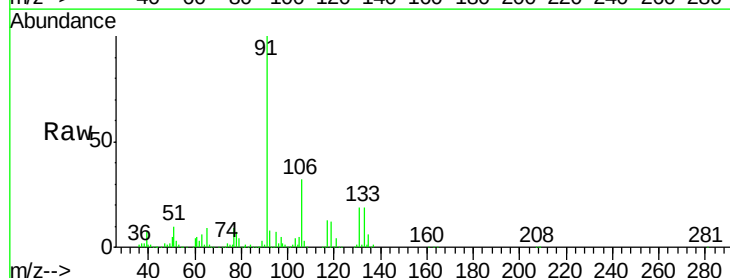
Tgt Ion:131 Resp: 187954

Ion Ratio Lower Upper

131 100

133 97.5 47.3 141.8

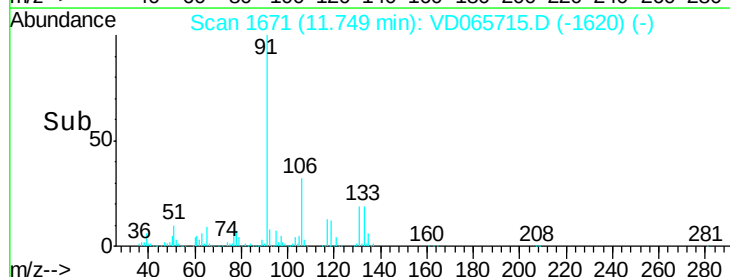
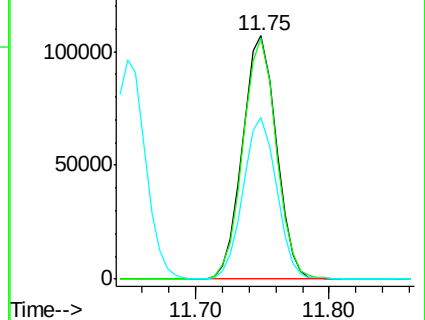
119 65.7 31.8 95.4

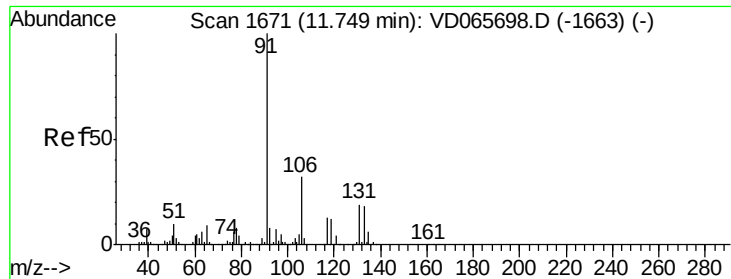


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

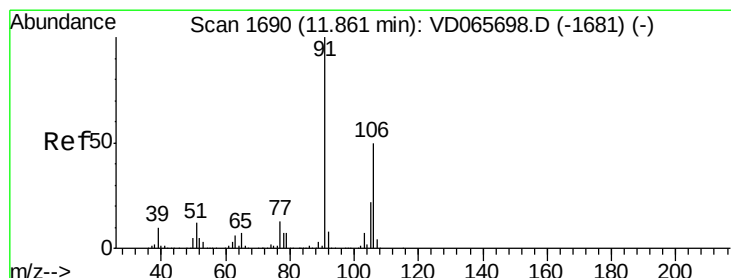
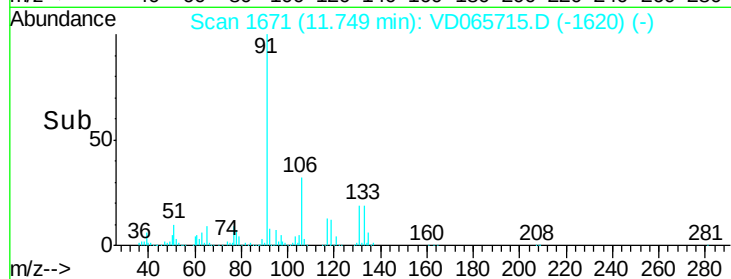
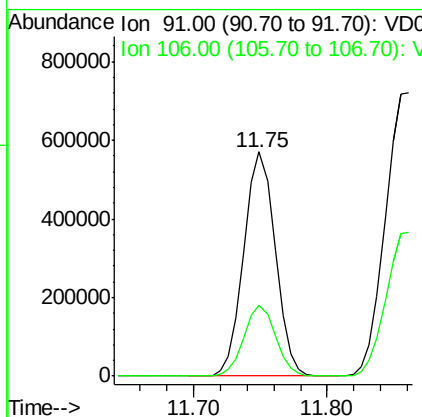
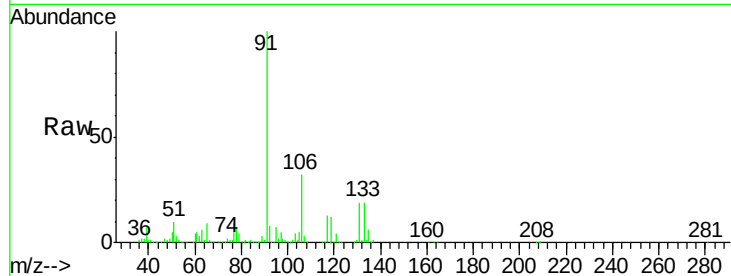




#67
Ethyl Benzene
Concen: 47.702 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

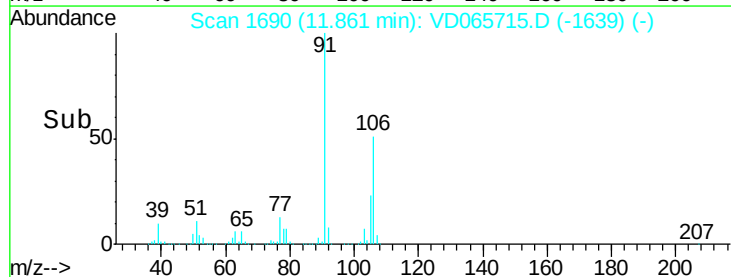
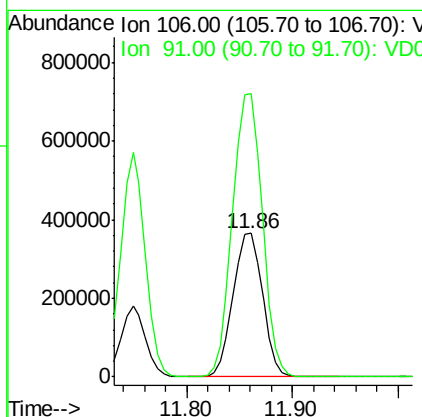
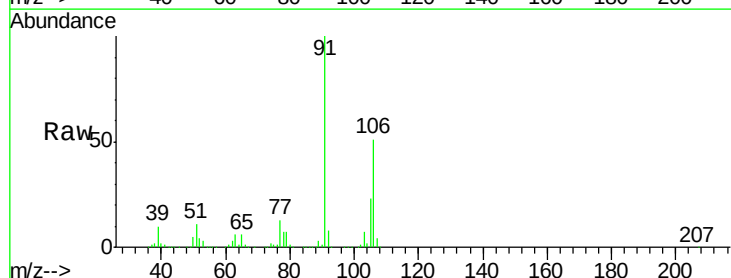
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

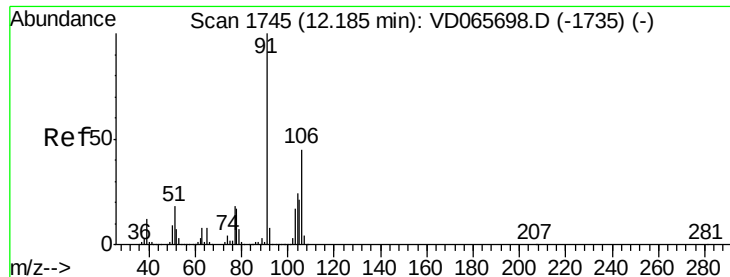
Tot Ion: 91 Resp: 933469
Ion Ratio Lower Upper
91 100
106 31.8 25.2 37.8



#68
m/p-Xylenes
Concen: 97.118 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion: 106 Resp: 708495
Ion Ratio Lower Upper
106 100
91 199.1 163.1 244.7

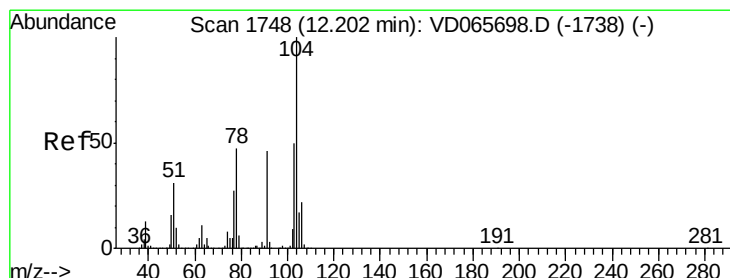
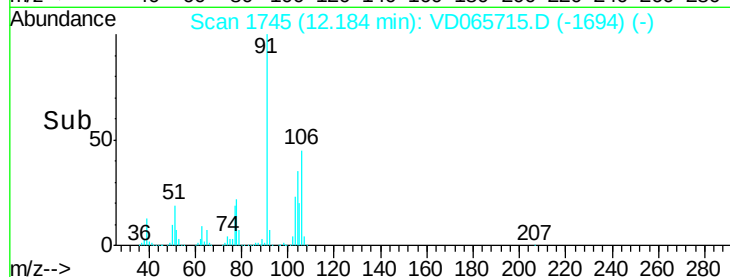
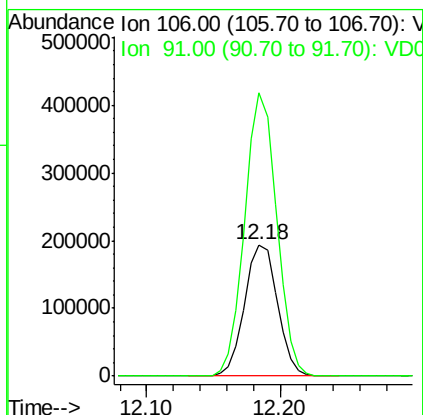
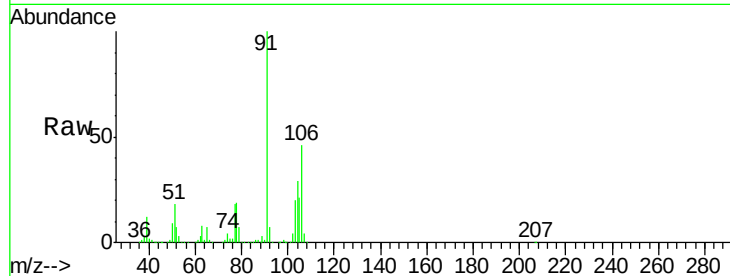




#69
o-Xylene
Concen: 48.390 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

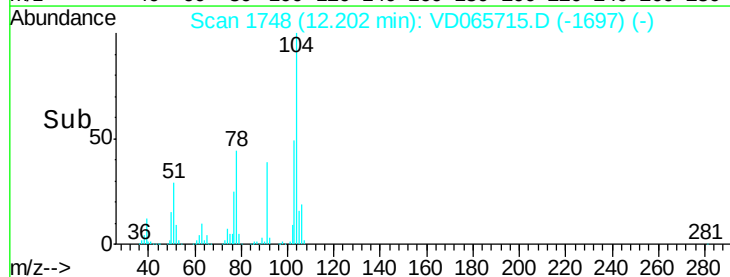
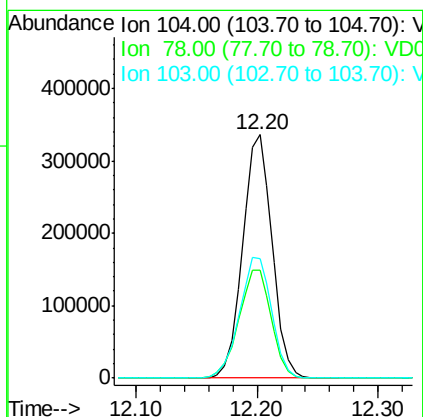
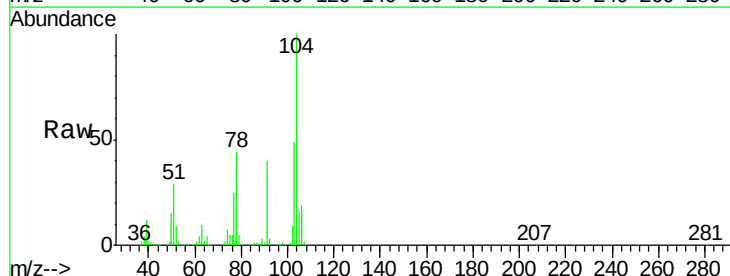
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

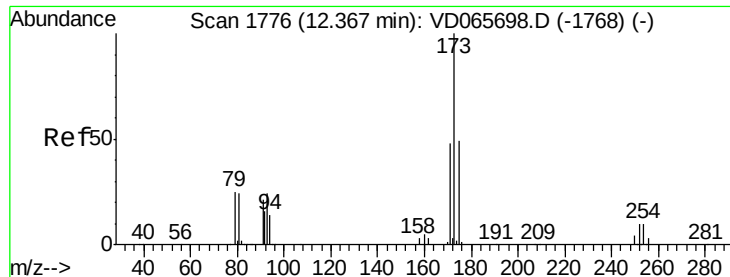
Tot Ion:106 Resp: 329410
Ion Ratio Lower Upper
106 100
91 210.2 107.9 323.7



#70
Styrene
Concen: 48.634 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion:104 Resp: 569216
Ion Ratio Lower Upper
104 100
78 49.0 41.0 61.4
103 54.3 43.8 65.6





#71

Bromoform

Concen: 49.377 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

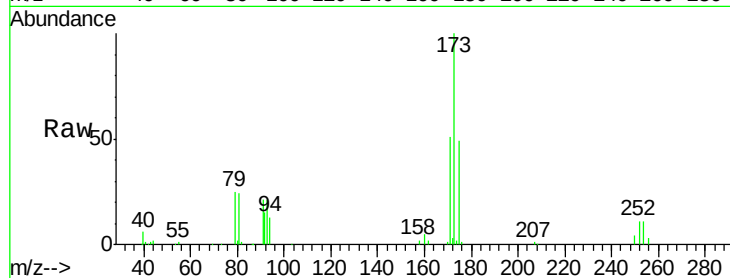
Tot Ion:173 Resp: 108660

Ion Ratio Lower Upper

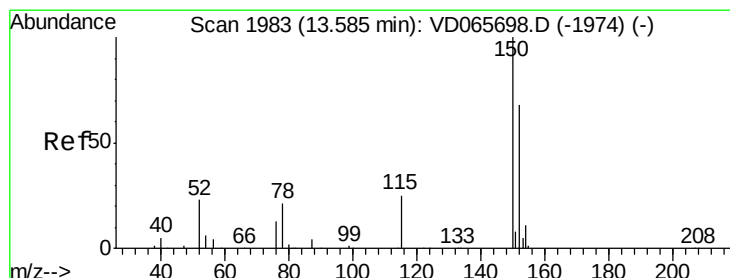
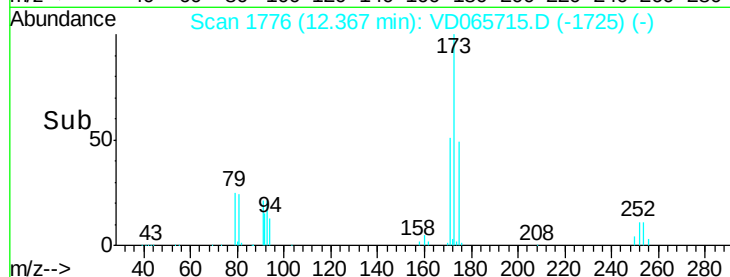
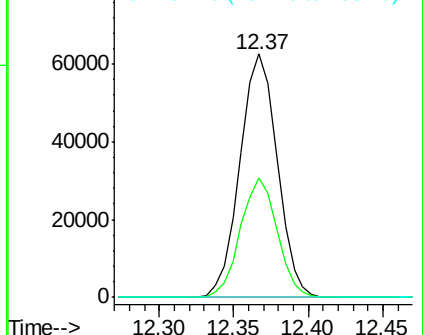
173 100

175 48.2 24.5 73.5

254 0.1 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: VD065715.D

Acq: 07 May 2020 17:05

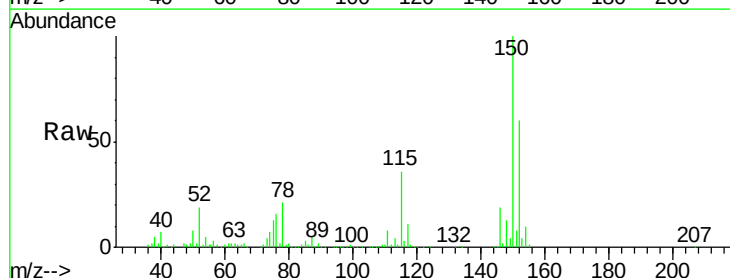
Tgt Ion:152 Resp: 251656

Ion Ratio Lower Upper

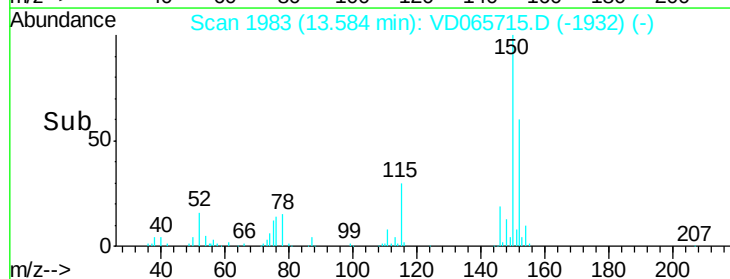
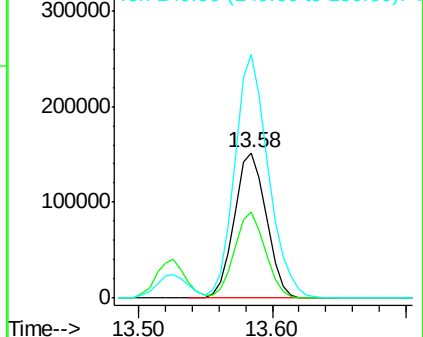
152 100

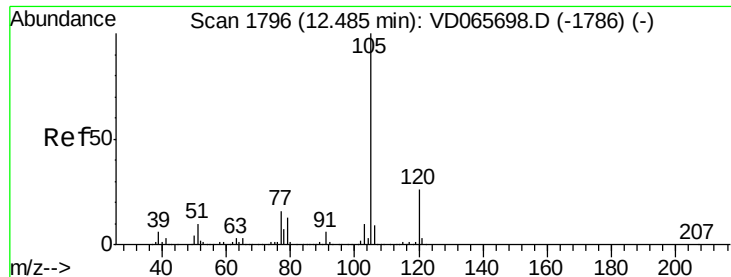
115 57.4 29.5 88.5

150 175.8 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: 47.071 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

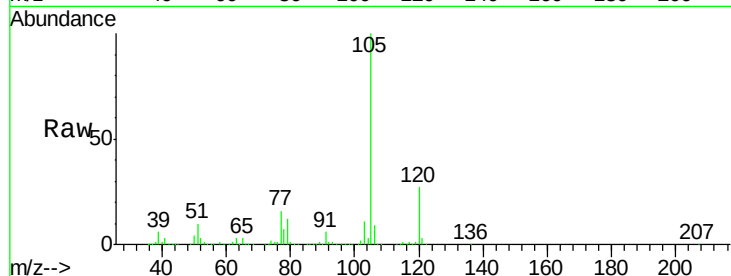
VSTDCCC050EC

Tot Ion:105 Resp: 897520

Ion Ratio Lower Upper

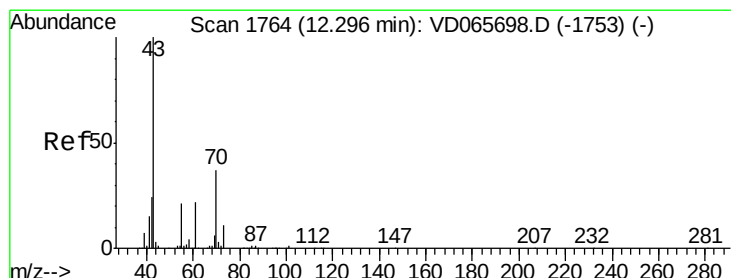
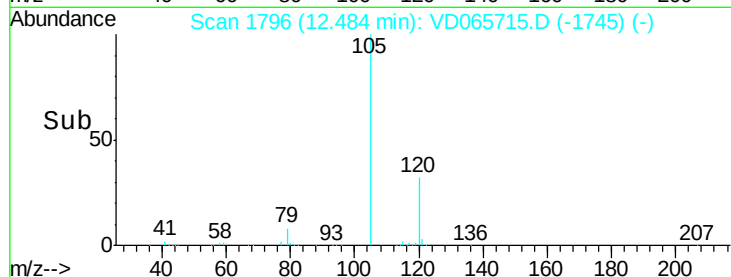
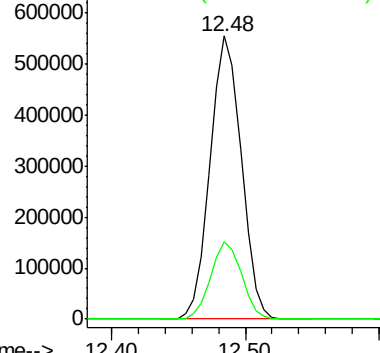
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.095 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Tgt Ion: 43 Resp: 223697

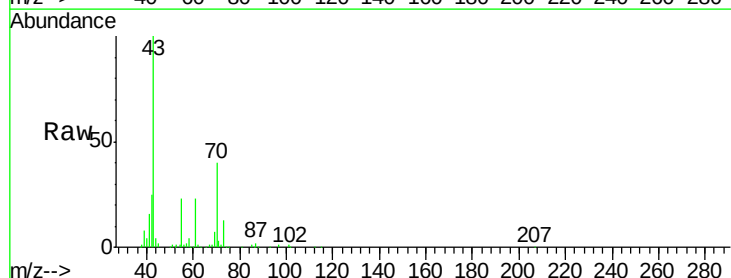
Ion Ratio Lower Upper

43 100

70 39.8 29.3 43.9

55 22.4 16.4 24.6

61 23.5 18.0 27.0

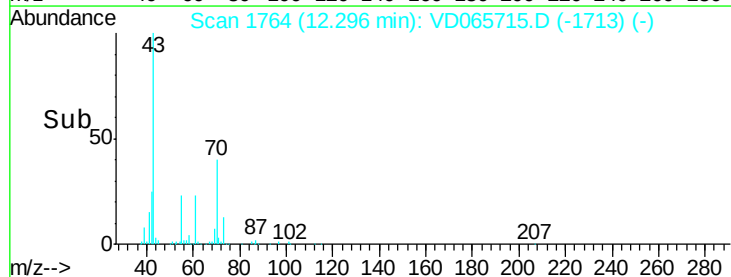
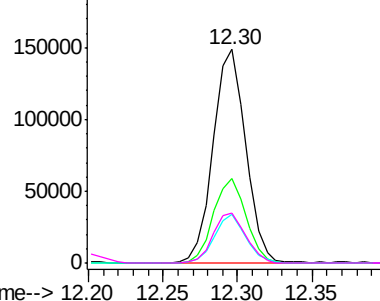


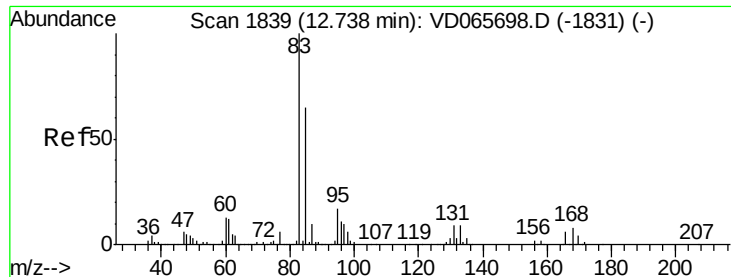
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 44.786 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

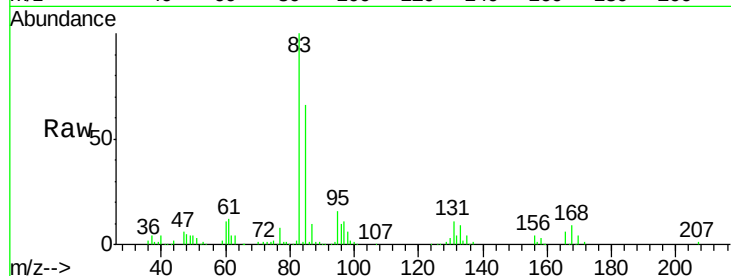
Tot Ion: 83 Resp: 143199

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.7
85	65.8	31.9	95.9

83 100

131 11.1 5.5 16.7

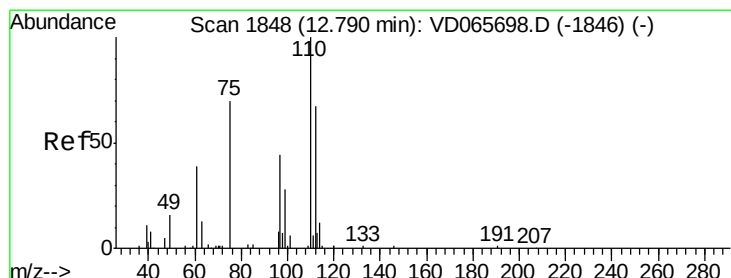
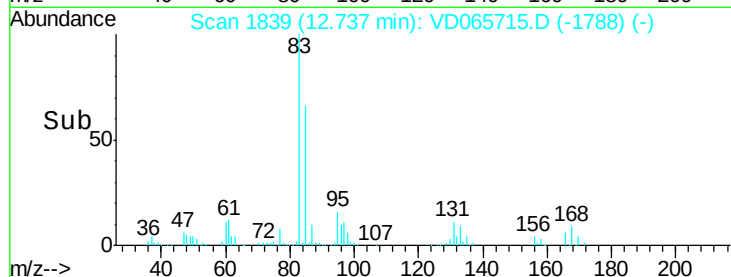
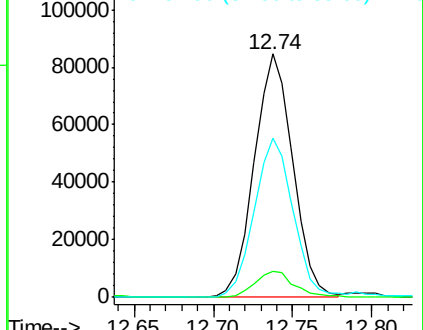
85 65.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 46.642 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065715.D

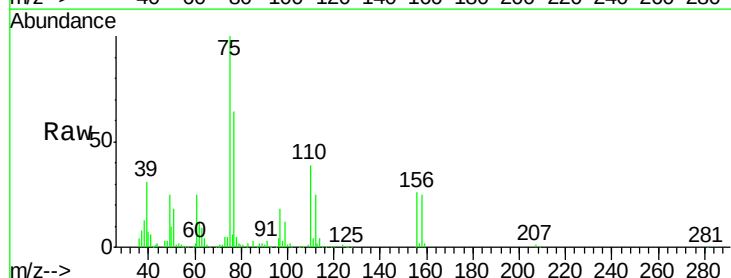
Acq: 07 May 2020 17:05

Tgt Ion: 75 Resp: 99136

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

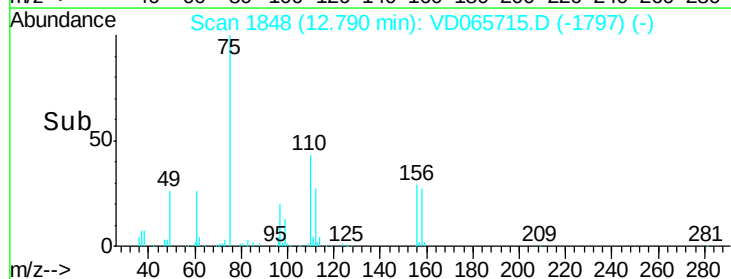
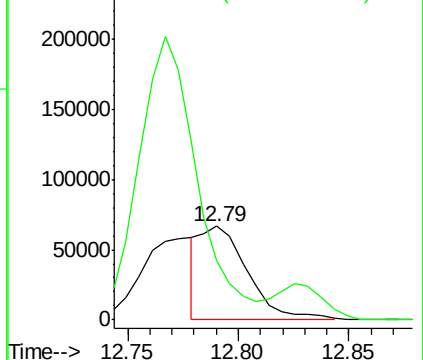
75 100

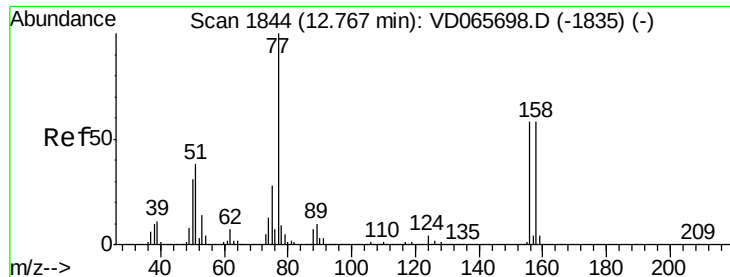
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.728 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

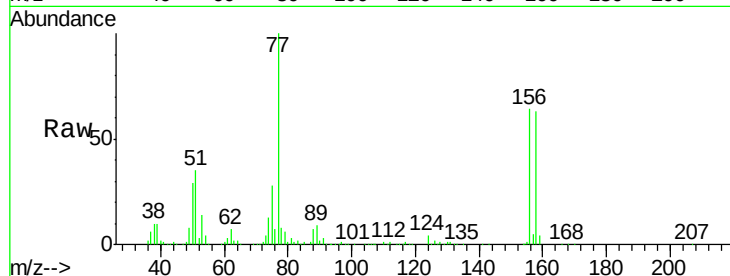
Tot Ion:156 Resp: 217429

Ion Ratio Lower Upper

156 100

77 170.3 92.9 278.7

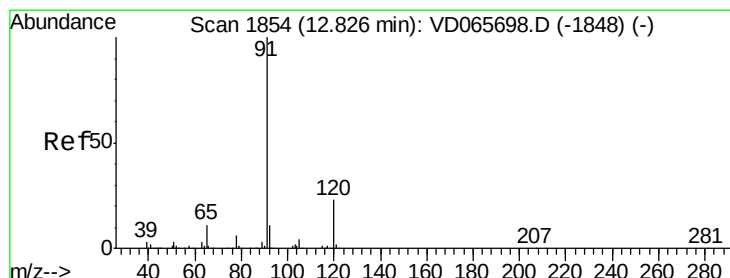
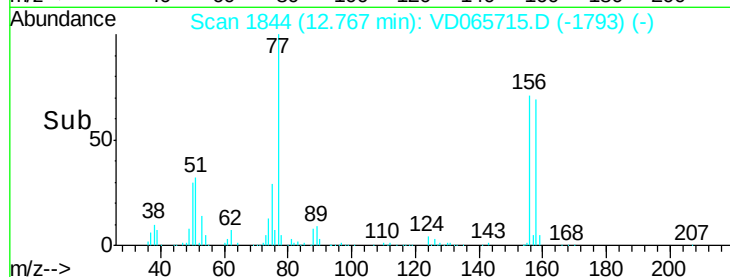
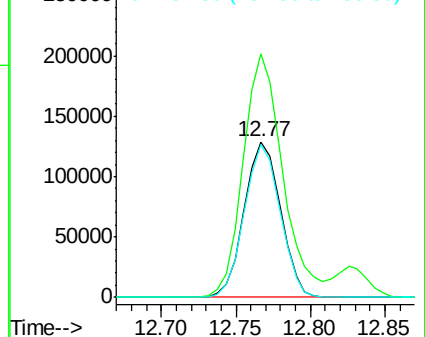
158 96.7 48.9 146.7



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: 46.835 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065715.D

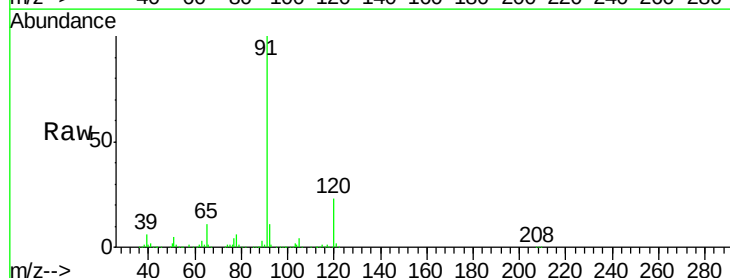
Acq: 07 May 2020 17:05

Tgt Ion: 91 Resp: 1051511

Ion Ratio Lower Upper

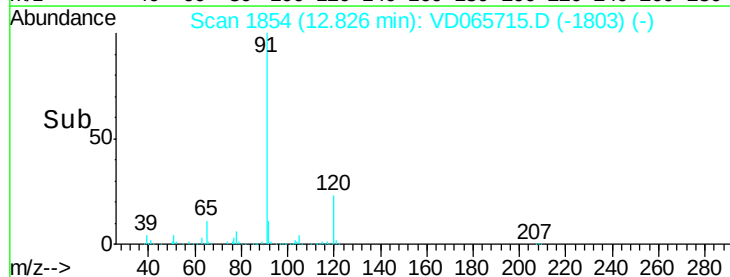
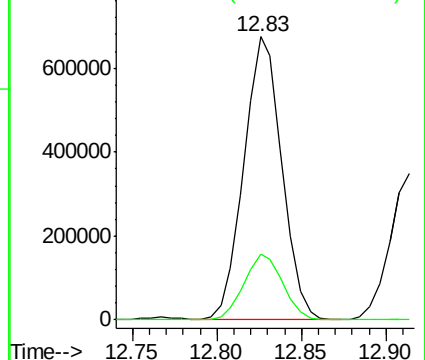
91 100

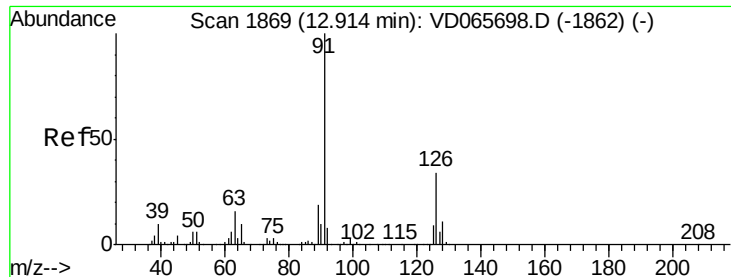
120 23.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.161 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

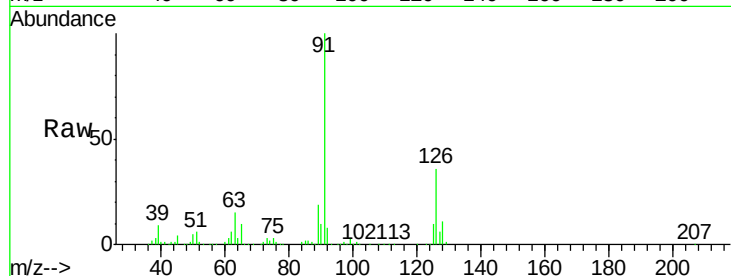
VSTDCCC050EC

Tot Ion: 91 Resp: 572861

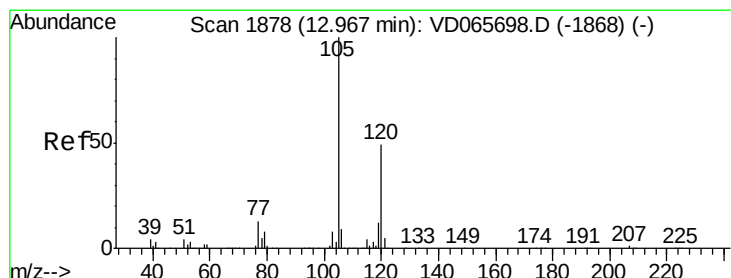
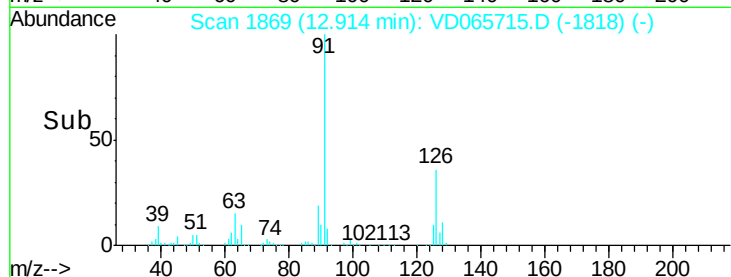
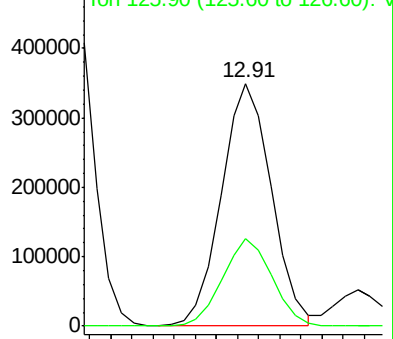
Ion Ratio Lower Upper

91 100

126 36.1 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VD065715.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.617 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065715.D

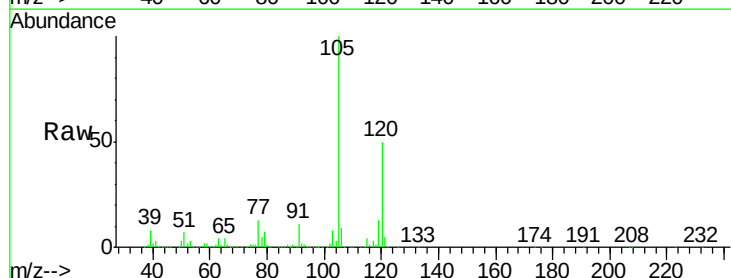
Acq: 07 May 2020 17:05

Tgt Ion:105 Resp: 745414

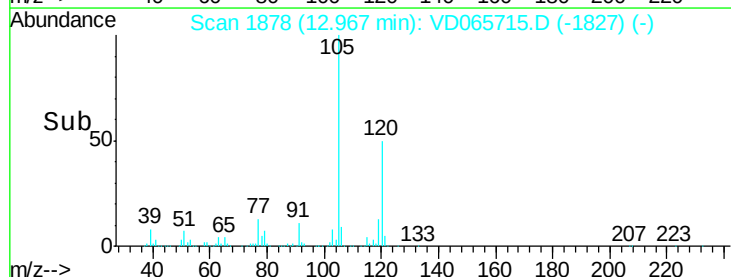
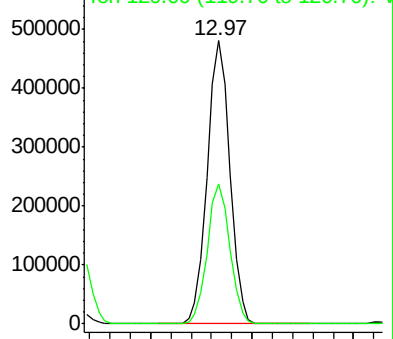
Ion Ratio Lower Upper

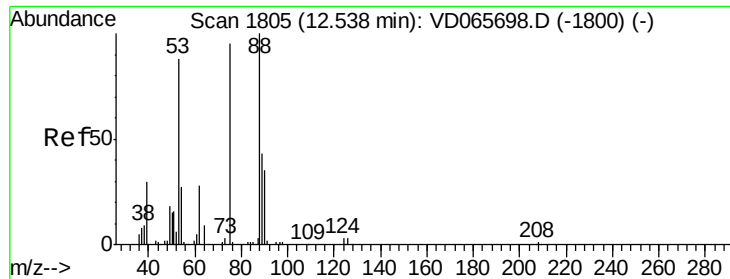
105 100

120 49.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VD065715.D (-1827) (-)

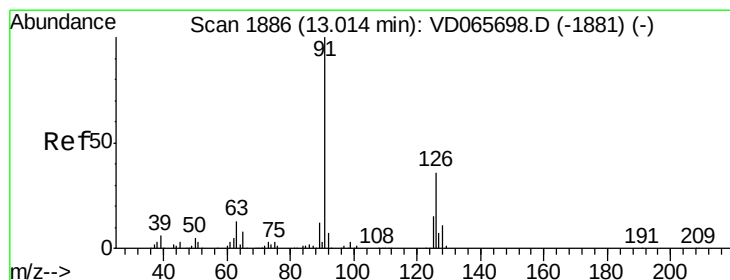
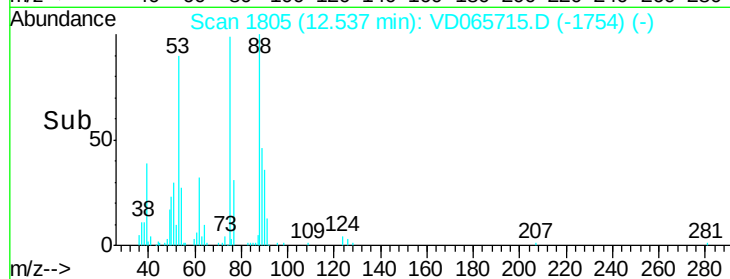
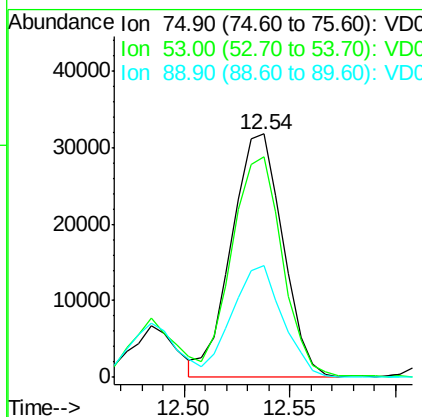
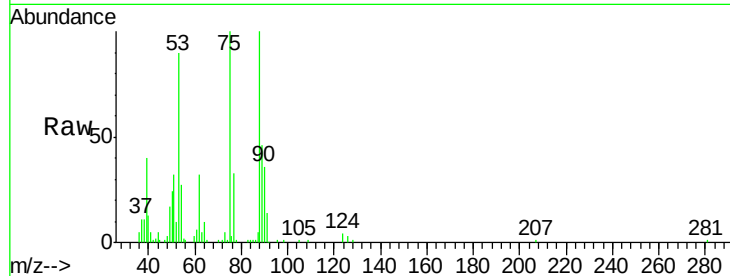




#81
trans-1,4-Dichloro-2-butene
Concen: 44.702 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

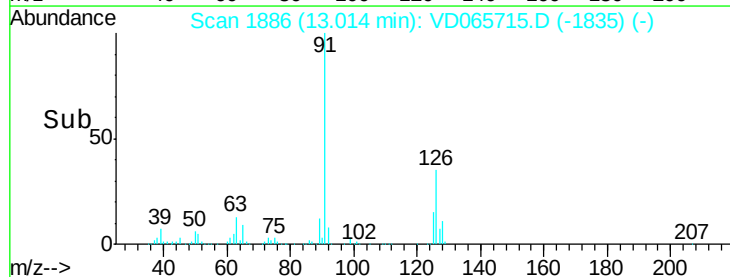
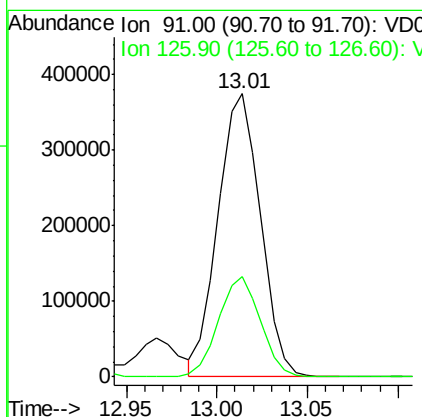
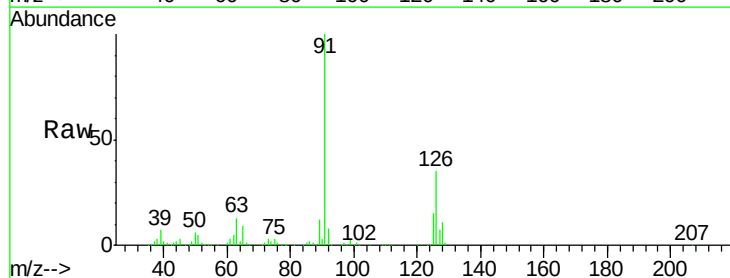
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

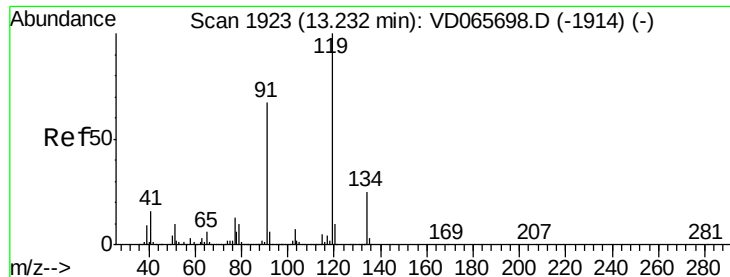
Tot Ion: 75 Resp: 53675
Ion Ratio Lower Upper
75 100
53 89.5 75.8 113.8
89 45.1 36.2 54.2



#82
4-Chlorotoluene
Concen: 45.861 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion: 91 Resp: 608753
Ion Ratio Lower Upper
91 100
126 35.0 17.1 51.3





#83

tert-Butylbenzene

Concen: 47.819 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

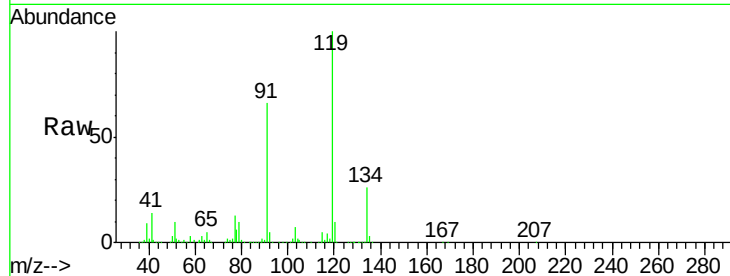
Tot Ion:119 Resp: 637185

Ion Ratio Lower Upper

119 100

91 66.0 33.6 100.8

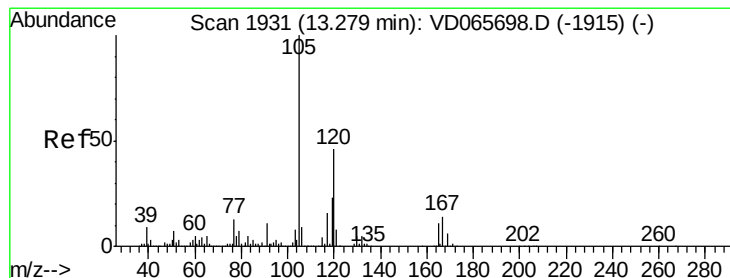
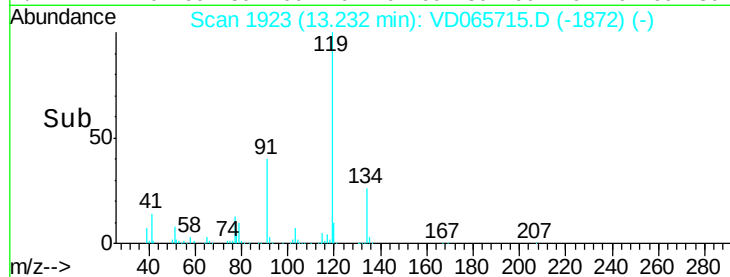
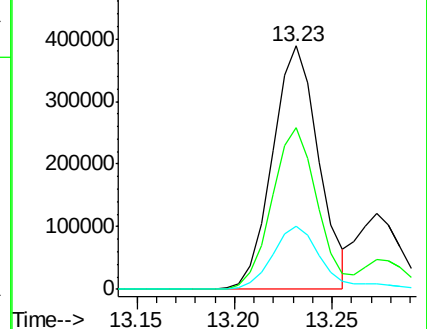
134 27.8 13.6 40.8



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: 47.043 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VD065715.D

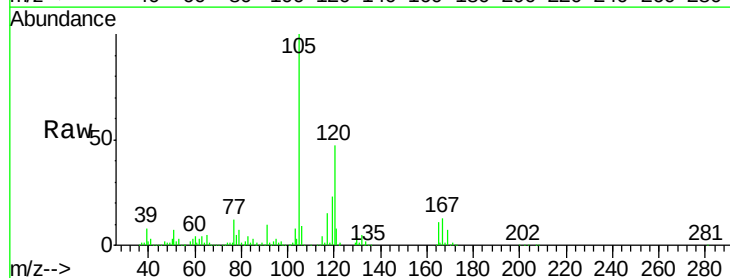
Acq: 07 May 2020 17:05

Tgt Ion:105 Resp: 733572

Ion Ratio Lower Upper

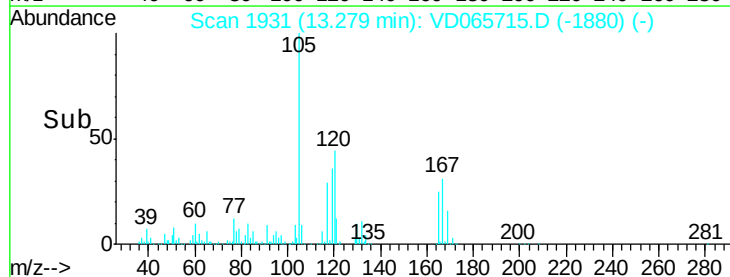
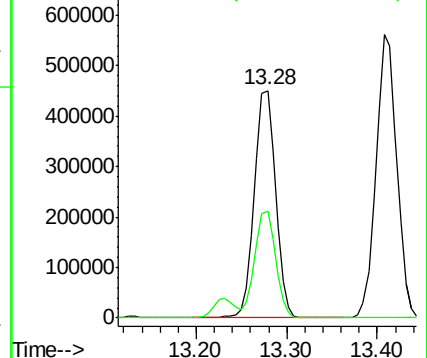
105 100

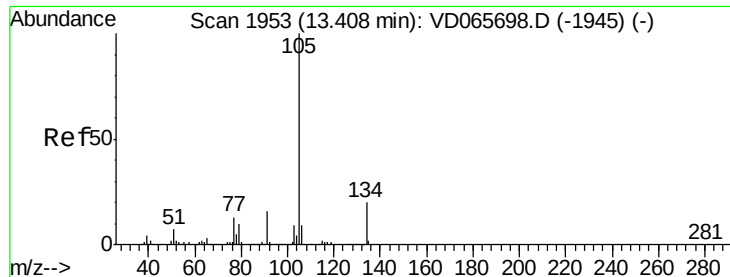
120 46.1 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.733 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

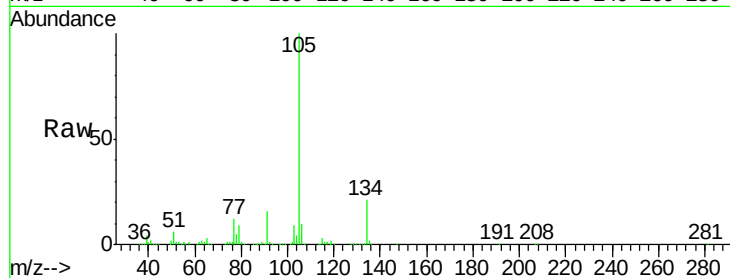
VSTDCCC050EC

Tot Ion:105 Resp: 892186

Ion Ratio Lower Upper

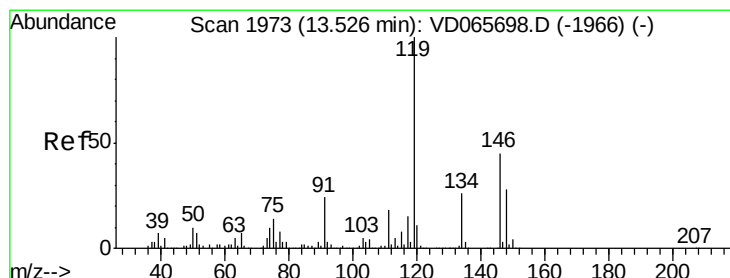
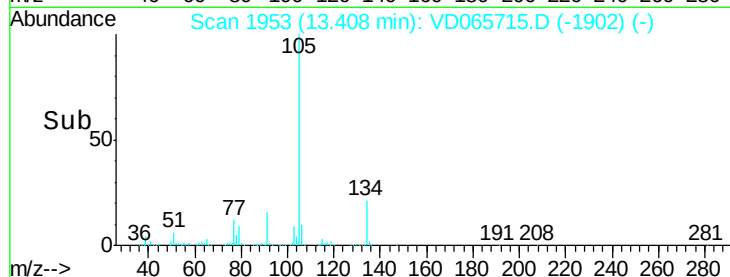
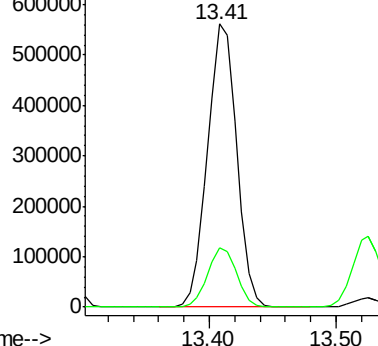
105 100

134 20.9 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.088 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

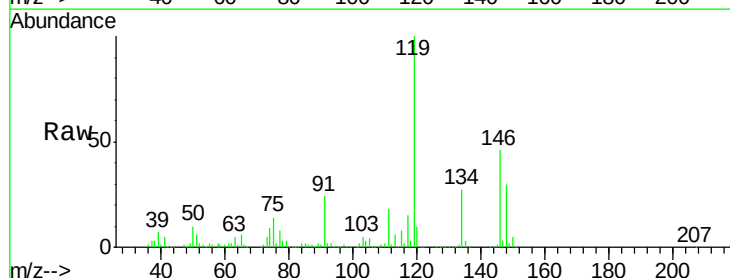
Tgt Ion:119 Resp: 819059

Ion Ratio Lower Upper

119 100

134 27.4 13.2 39.6

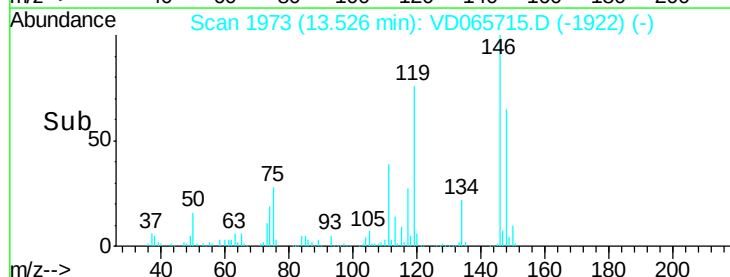
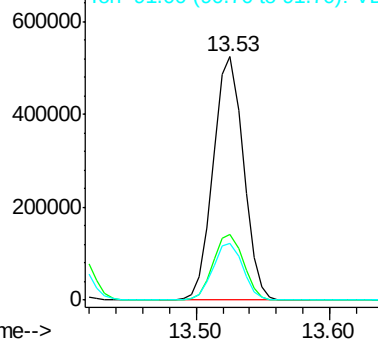
91 23.3 12.0 36.1

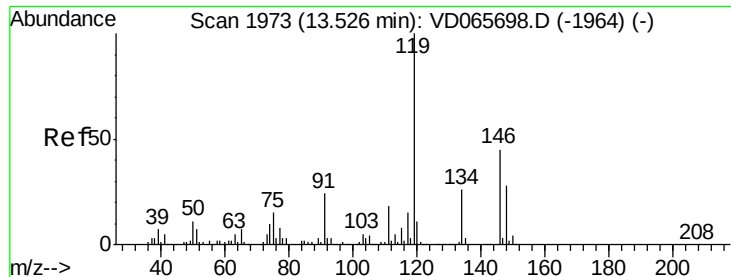


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

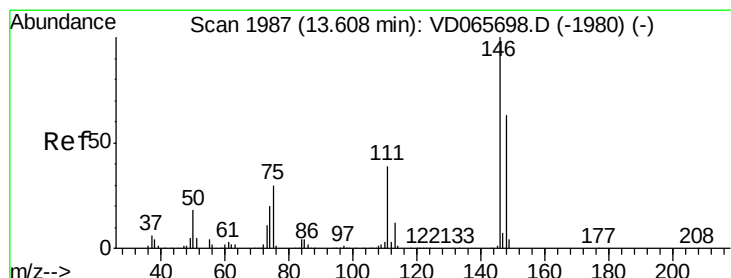
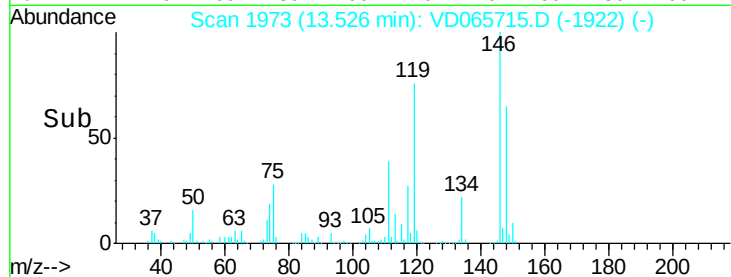
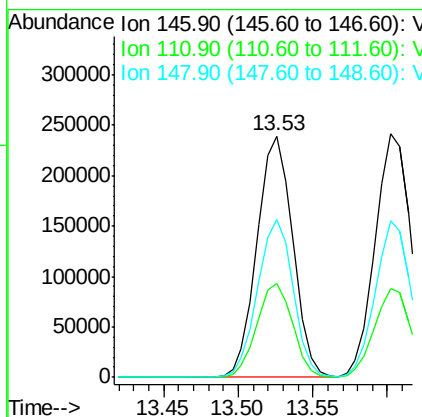
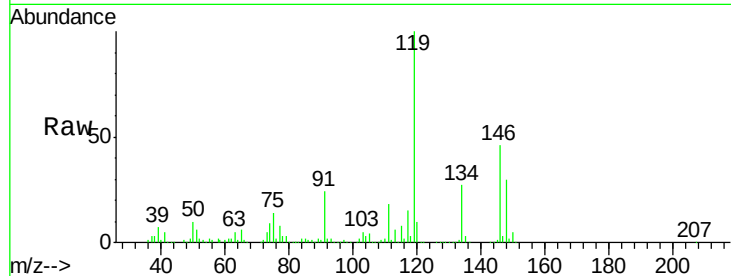




#87
 1,3-Dichlorobenzene
 Concen: 48.409 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

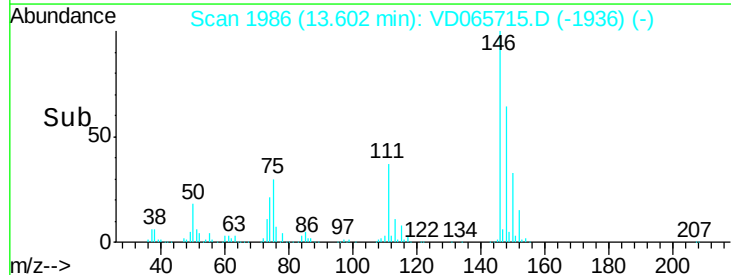
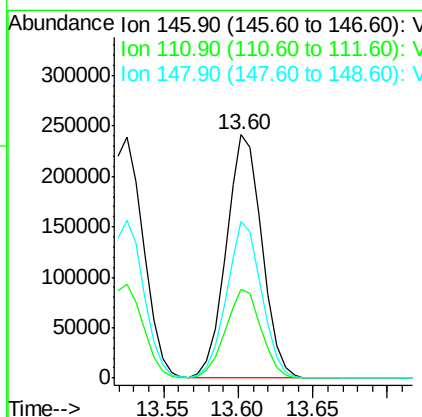
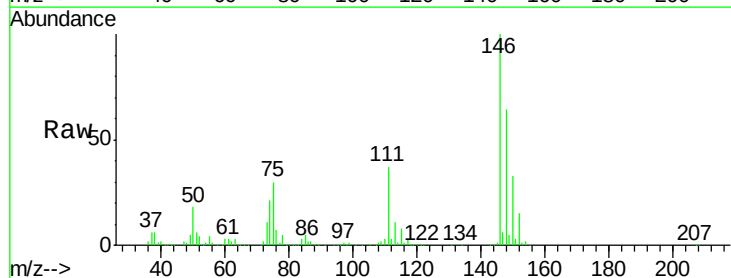
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

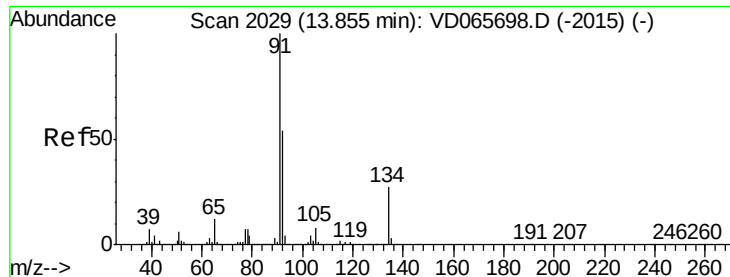
Tot Ion:146 Resp: 397824
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.8
 148 64.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.619 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion:146 Resp: 402305
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.6 58.7
 148 63.0 31.9 95.5

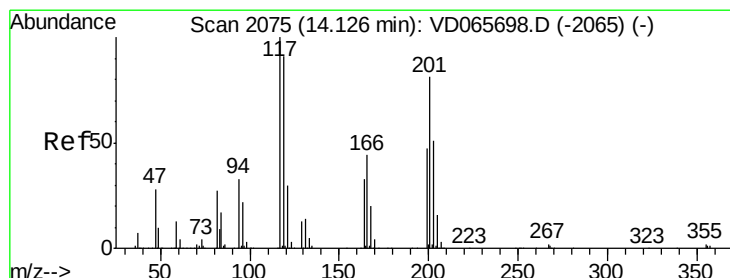
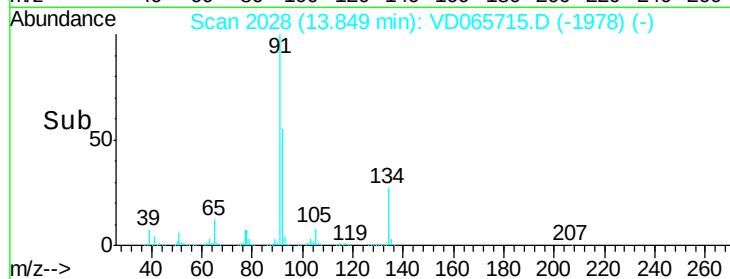
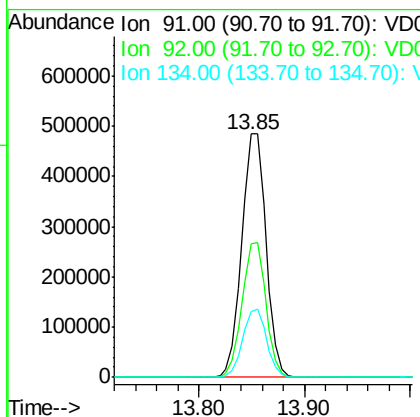
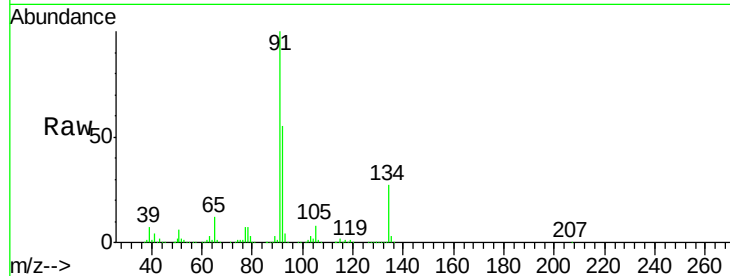




#89
n-Butylbenzene
Concen: 46.757 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

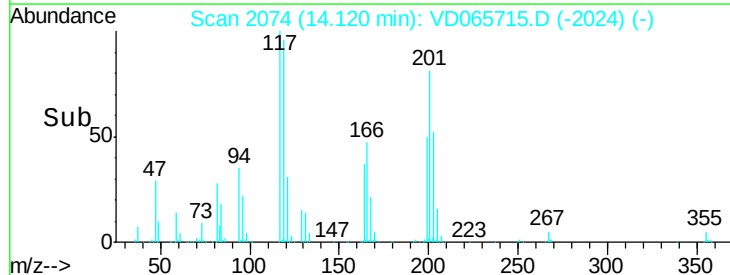
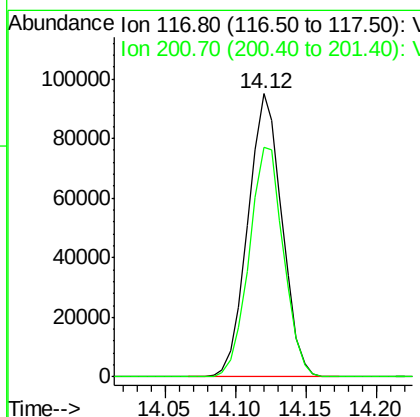
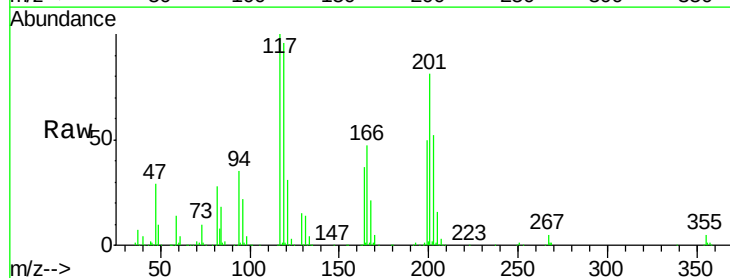
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

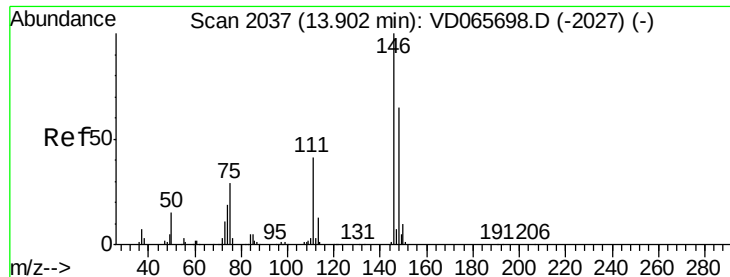
Tot Ion: 91 Resp: 771611
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 27.5 13.3 39.8



#90
Hexachloroethane
Concen: 47.531 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.01 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion: 117 Resp: 161250
Ion Ratio Lower Upper
117 100
201 82.0 39.1 117.2

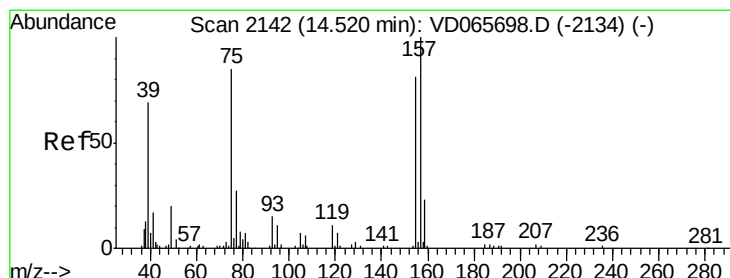
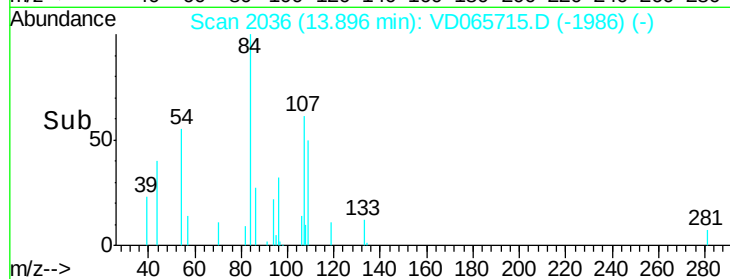
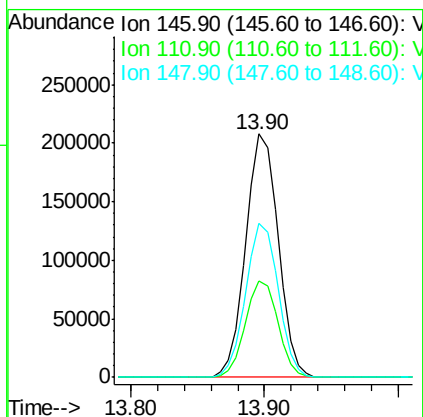
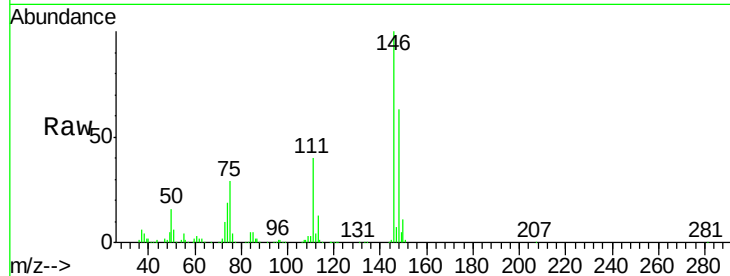




#91
 1,2-Dichlorobenzene
 Concen: 49.280 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

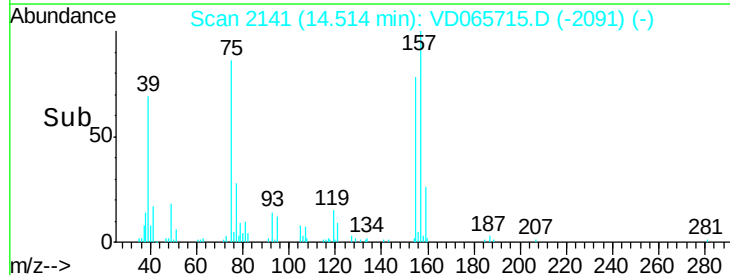
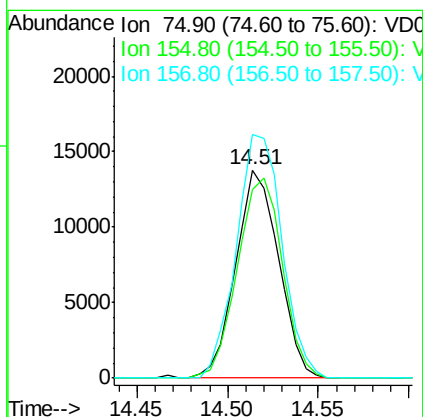
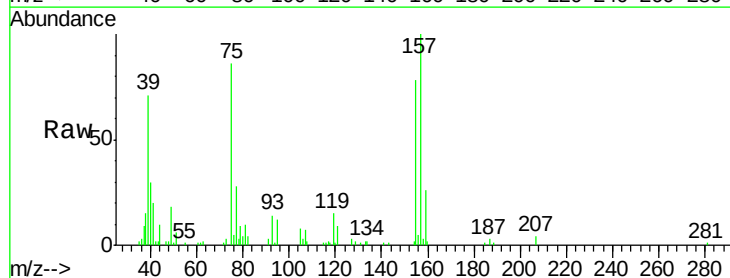
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

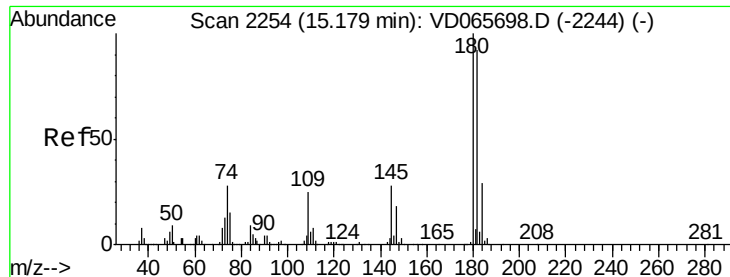
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	61.0
148	63.7	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.338 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.5	43.5	130.5
157	124.6	54.5	163.6

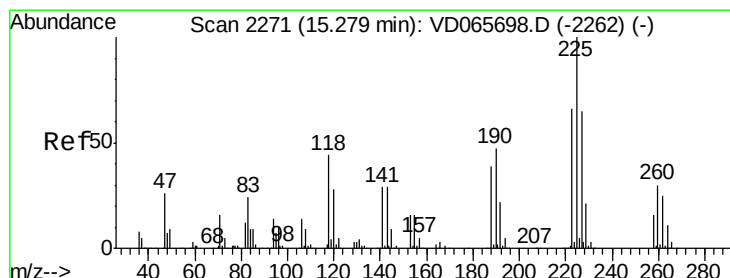
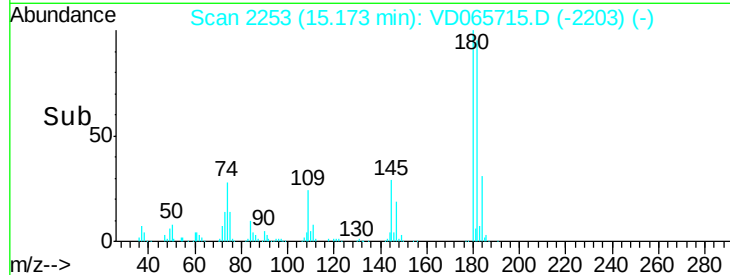
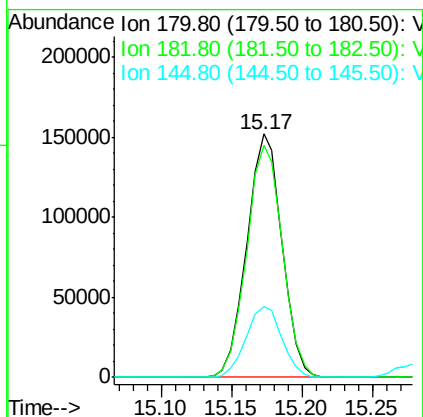
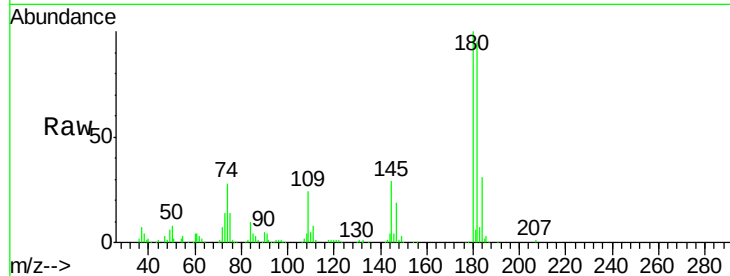




#93
 1,2,4-Trichlorobenzene
 Concen: 50.051 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

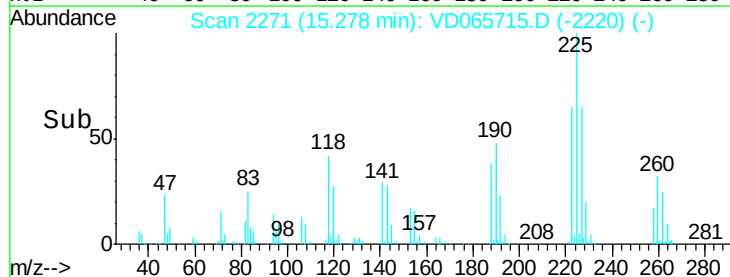
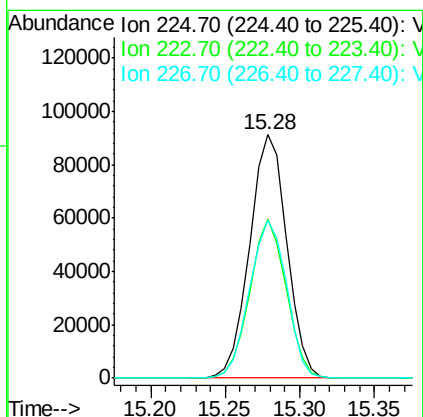
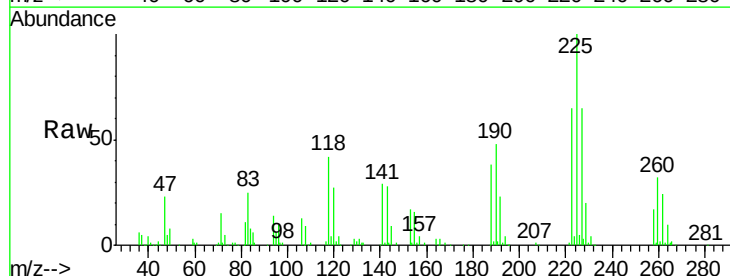
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

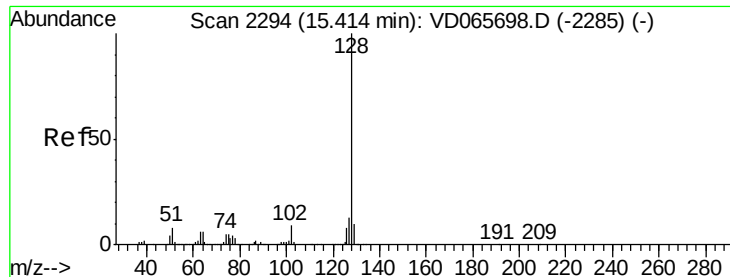
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.0	141.0
145	29.9	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 50.930 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.8	95.3
227	64.4	31.6	94.8

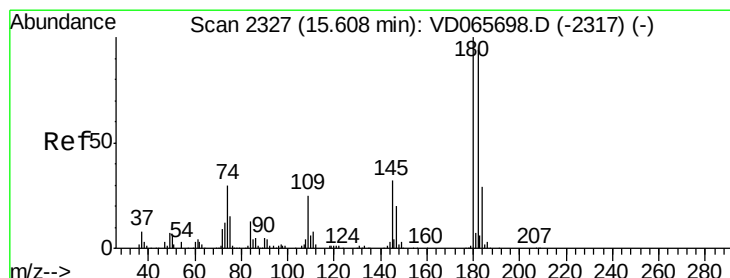
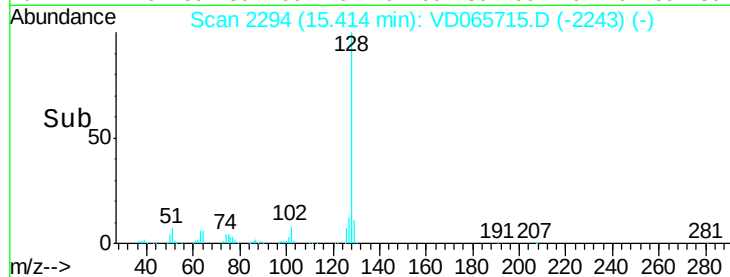
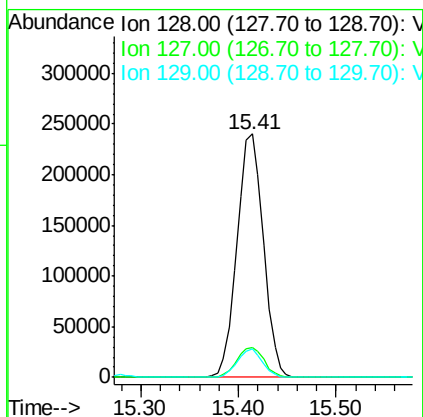
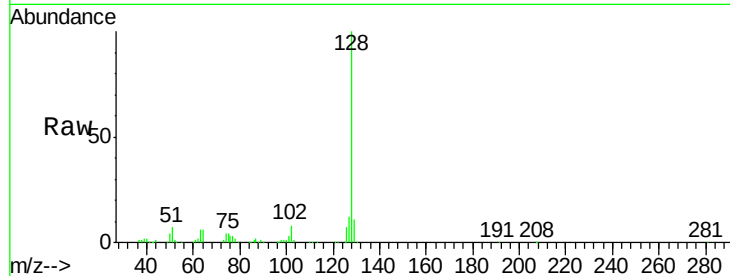




#95
Naphthalene
Concen: 48.099 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 449855
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 50.668 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

Tgt Ion:180 Resp: 229311
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 31.6 16.0 47.9

