

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 07:29:10 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	46.64	ug/l	100
3) Chloromethane	2.21	50	191210	50.07	ug/l	100
4) Vinyl Chloride	2.35	62	205744	53.17	ug/l	97
5) Bromomethane	2.77	94	127695	52.29	ug/l	99
6) Chloroethane	2.92	64	127837	51.43	ug/l	100
7) Trichlorofluoromethane	3.27	101	290136	47.01	ug/l	100
8) Diethyl Ether	3.70	74	88609	45.82	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	176214	47.03	ug/l	96
10) Methyl Iodide	4.30	142	190164	51.74	ug/l	98
11) Tert butyl alcohol	5.22	59	64732	220.64	ug/l	99
12) 1,1-Dichloroethene	4.07	96	173610	47.15	ug/l	93
13) Acrolein	3.93	56	63463	199.73	ug/l	100
14) Allyl chloride	4.71	41	306373	41.74	ug/l	97
15) Acrylonitrile	5.42	53	196713	216.37	ug/l	99
16) Acetone	4.16	43	170356	206.33	ug/l	99
17) Carbon Disulfide	4.41	76	552836	45.65	ug/l	98
18) Methyl Acetate	4.72	43	83587	40.72	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	415118	46.49	ug/l	97
20) Methylene Chloride	4.97	84	191335	46.00	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	195963	46.49	ug/l	93
22) Diisopropyl ether	6.36	45	597880	43.80	ug/l	97
23) Vinyl Acetate	6.31	43	1795411	217.75	ug/l	98
24) 1,1-Dichloroethane	6.27	63	337186	45.09	ug/l	98
25) 2-Butanone	7.22	43	255677	208.77	ug/l	99
26) 2,2-Dichloropropane	7.21	77	299855	44.53	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	215210	47.05	ug/l	96
28) Bromochloromethane	7.55	49	142588	45.72	ug/l	89
29) Tetrahydrofuran	7.57	42	165179	209.26	ug/l	95
30) Chloroform	7.71	83	335178	46.58	ug/l	98
31) Cyclohexane	7.98	56	328412	42.44	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	304993	45.72	ug/l	98
36) 1,1-Dichloropropene	8.11	75	268116	46.01	ug/l	96
37) Ethyl Acetate	7.30	43	121253	43.21	ug/l	98
38) Carbon Tetrachloride	8.10	117	278517	48.20	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	345276	47.19	ug/l	94
40) Benzene	8.36	78	749034	47.06	ug/l	98
41) Methacrylonitrile	7.53	41	54231	33.51	ug/l #	88
42) 1,2-Dichloroethane	8.43	62	212964	46.50	ug/l	98
43) Isopropyl Acetate	8.46	43	247065	44.03	ug/l	99
44) Trichloroethene	9.11	130	217111	49.50	ug/l	95
45) 1,2-Dichloropropane	9.39	63	191741	46.59	ug/l	98
46) Dibromomethane	9.48	93	100347	48.60	ug/l	97
47) Bromodichloromethane	9.67	83	261728	47.41	ug/l	99
48) Methyl methacrylate	9.46	41	121090	43.10	ug/l	98
49) 1,4-Dioxane	9.47	88	23579	931.69	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	584668	216.19	ug/l	99
52) Toluene	10.41	92	487792	48.46	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	261091	46.69	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	309201	46.93	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	136158	48.92	ug/l	94
56) Ethyl methacrylate	10.67	69	185786	46.23	ug/l	93
57) 1,3-Dichloropropane	10.95	76	236603	47.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	430403	233.29	ug/l	96
59) 2-Hexanone	10.99	43	396570	213.20	ug/l	100
60) Dibromochloromethane	11.14	129	180989	48.41	ug/l	99
61) 1,2-Dibromoethane	11.25	107	136453	48.73	ug/l	99
64) Tetrachloroethene	10.88	164	186061	50.22	ug/l	99
65) Chlorobenzene	11.67	112	509257	48.55	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	187954	48.06	ug/l	97
67) Ethyl Benzene	11.75	91	933469	47.70	ug/l	100
68) m/p-Xylenes	11.86	106	708495	97.12	ug/l	97
69) o-Xylene	12.18	106	329410	48.39	ug/l	96
70) Styrene	12.20	104	569216	48.63	ug/l	98
71) Bromoform	12.37	173	108660	49.38	ug/l #	99
73) Isopropylbenzene	12.48	105	897520	47.07	ug/l	99
74) N-amyl acetate	12.30	43	223697	41.10	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	143199	44.79	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	197090	92.73	ug/l #	100
77) Bromobenzene	12.77	156	217429	49.73	ug/l	93
78) n-propylbenzene	12.83	91	1051511	46.83	ug/l	99
79) 2-Chlorotoluene	12.91	91	572861	45.16	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	745414	47.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	53675	44.70	ug/l	96
82) 4-Chlorotoluene	13.01	91	608753	45.86	ug/l	99
83) tert-Butylbenzene	13.23	119	637185	47.82	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	733572	47.04	ug/l	99
85) sec-Butylbenzene	13.41	105	892186	47.73	ug/l	99
86) p-Isopropyltoluene	13.53	119	819059	48.09	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	397824	48.41	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	402305	49.62	ug/l	98
89) n-Butylbenzene	13.85	91	771611	46.76	ug/l	99
90) Hexachloroethane	14.12	117	161250	47.53	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	349461	49.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22754	42.34	ug/l	85

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Quant Title : SW846 8260
QLast Update : Wed May 06 17:01:16 2020
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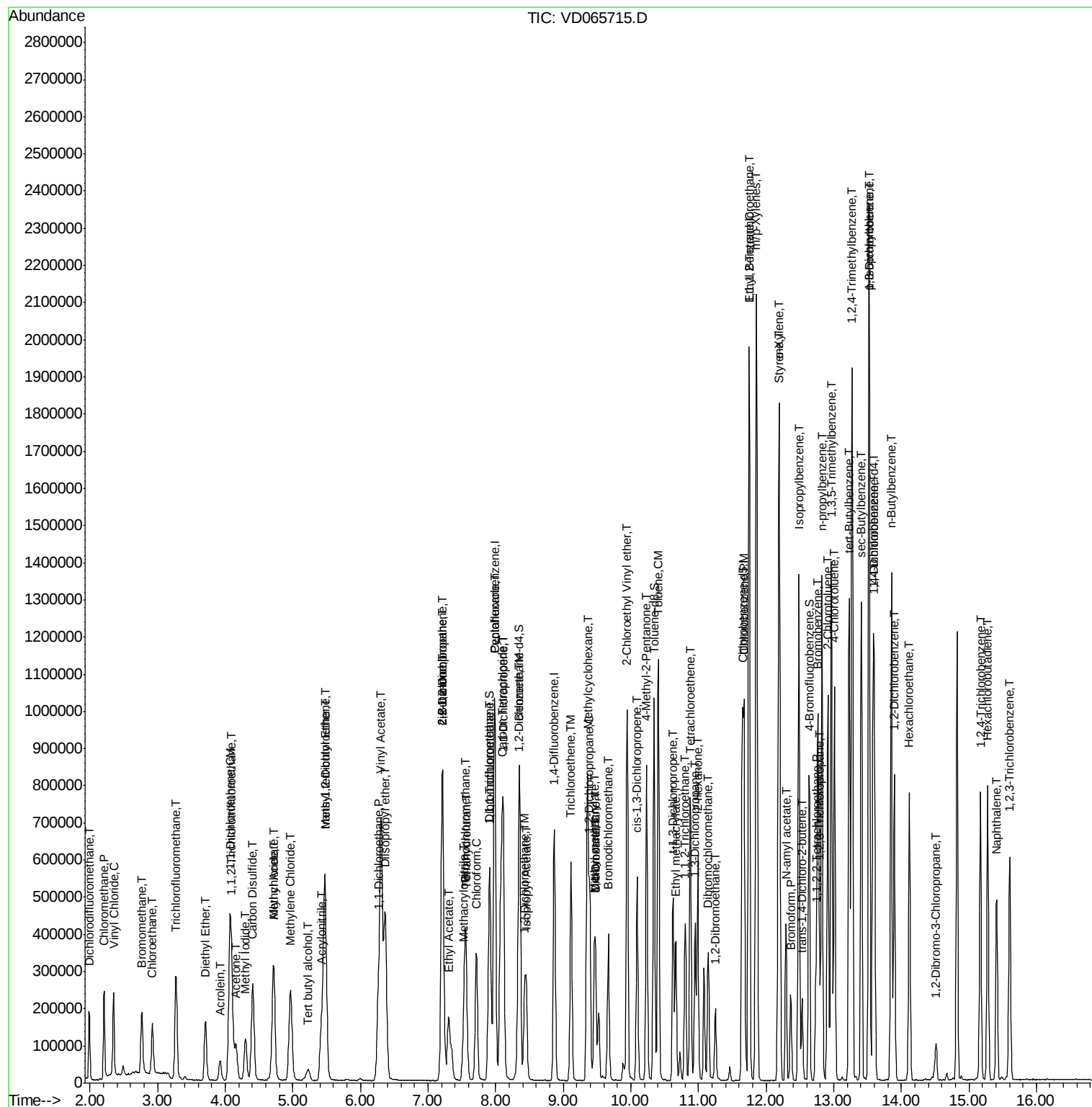
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	266294	50.05	ug/l	98
94) Hexachlorobutadiene	15.28	225	157037	50.93	ug/l	99
95) Naphthalene	15.41	128	449855	48.10	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	229311	50.67	ug/l	98

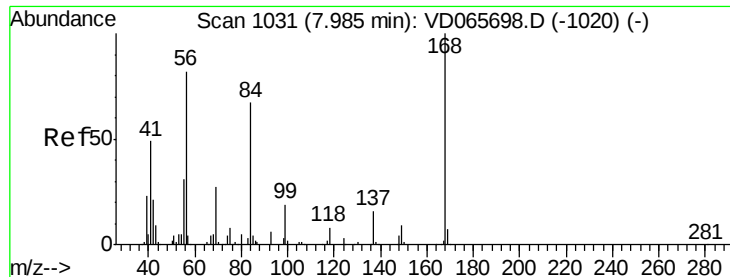
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 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 :

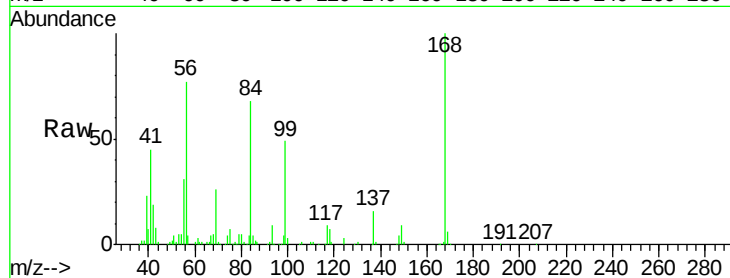
VSTDCCC050EC

Tgt 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

200000

150000

100000

50000

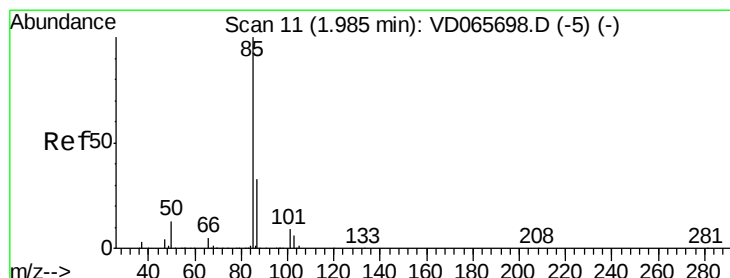
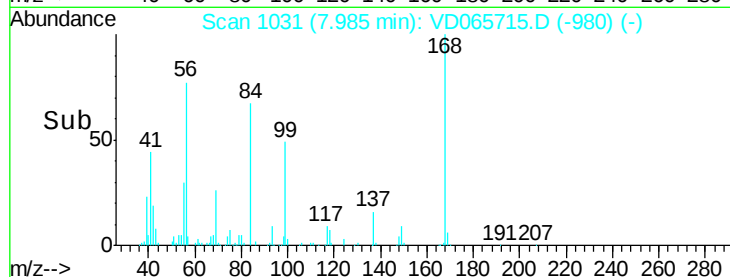
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.64 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065715.D

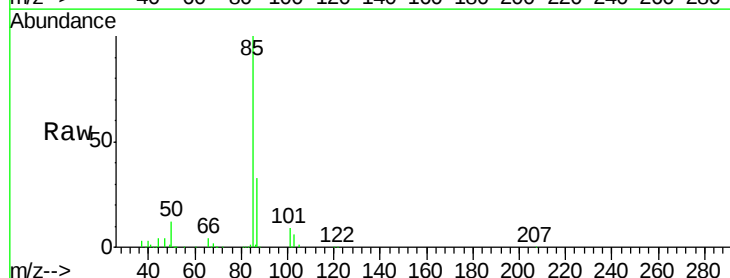
Acq: 07 May 2020 17:05

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

120000

100000

80000

60000

40000

20000

0

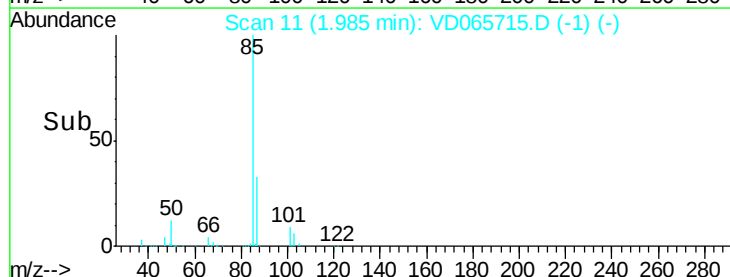
1.90

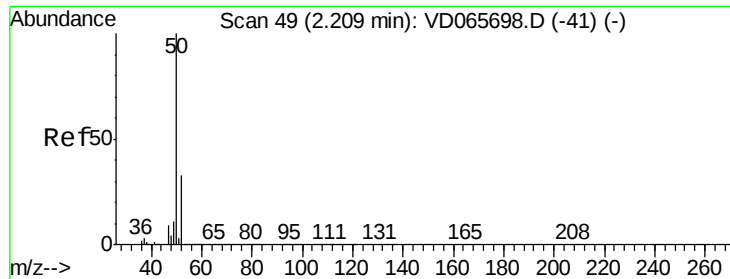
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 50.07 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 :

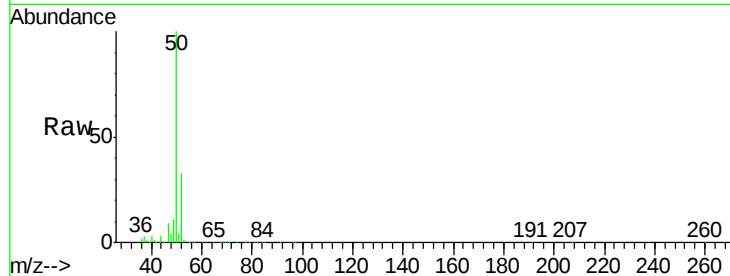
VSTDCCC050EC

Tgt 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

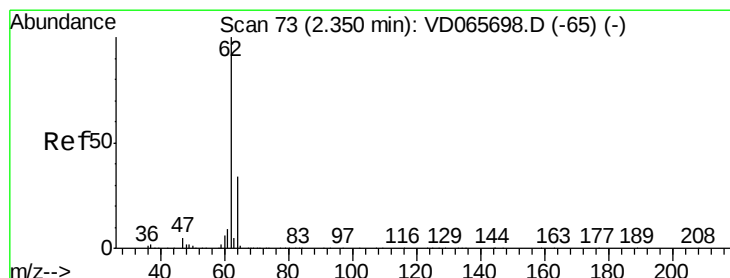
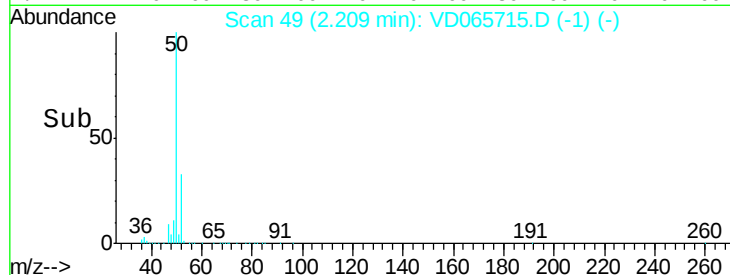
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 53.17 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065715.D

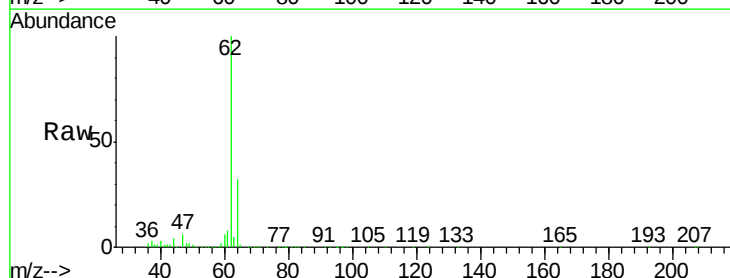
Acq: 07 May 2020 17:05

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

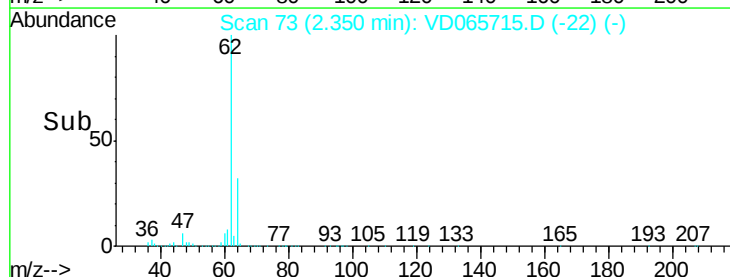
150000

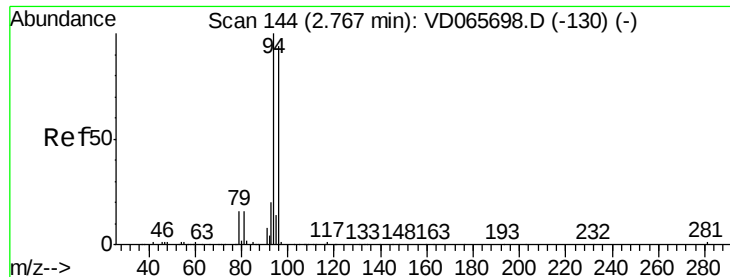
100000

50000

0

Time-->





#5

Bromomethane

Concen: 52.29 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 :

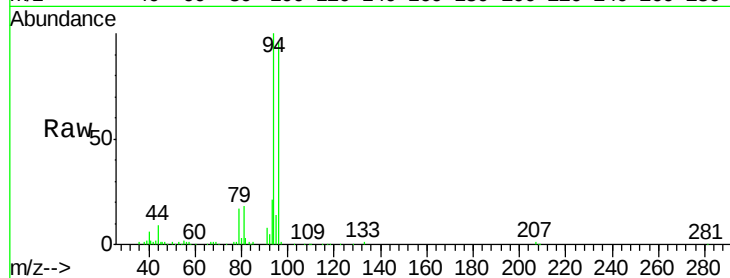
VSTDCCC050EC

Tgt Ion: 94 Resp: 127695

Ion Ratio Lower Upper

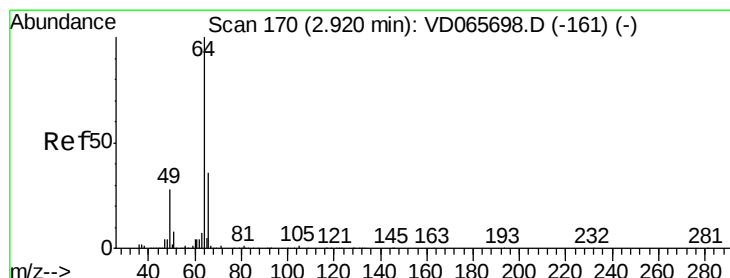
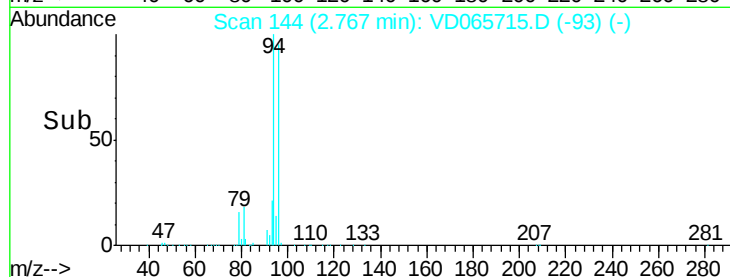
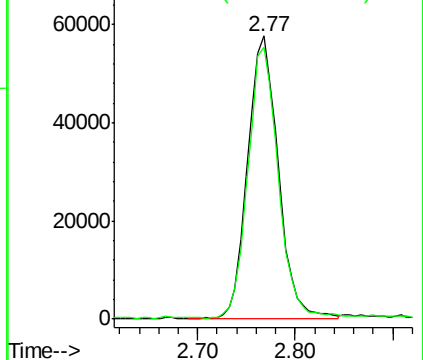
94 100

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: 51.43 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD065715.D

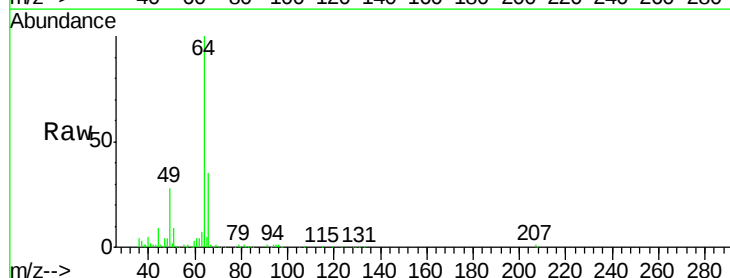
Acq: 07 May 2020 17:05

Tgt Ion: 64 Resp: 127837

Ion Ratio Lower Upper

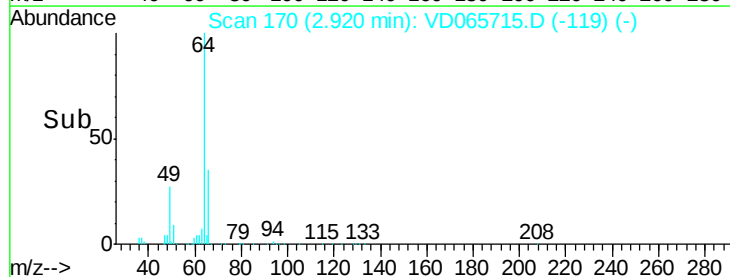
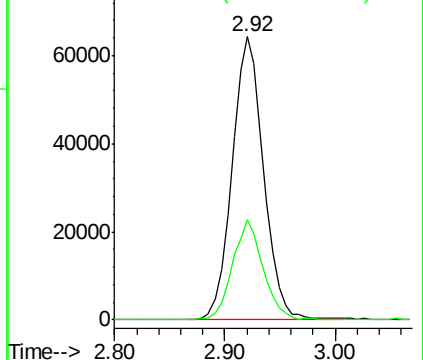
64 100

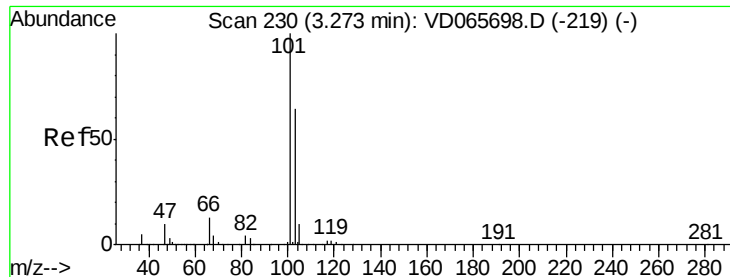
66 35.4 28.5 42.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 47.01 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

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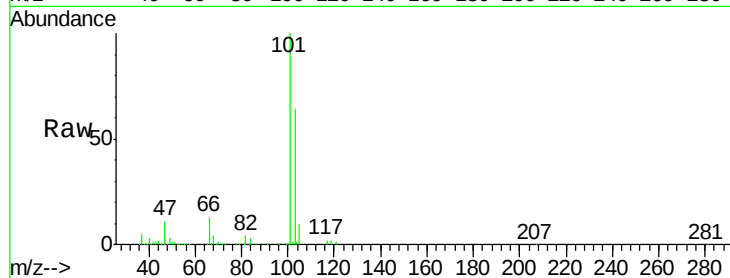
VSTDCCC050EC

Tgt Ion:101 Resp: 290136

Ion Ratio Lower Upper

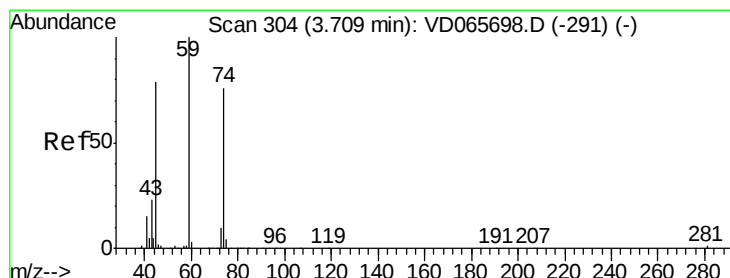
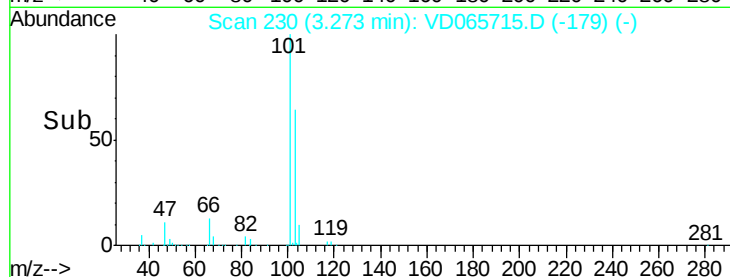
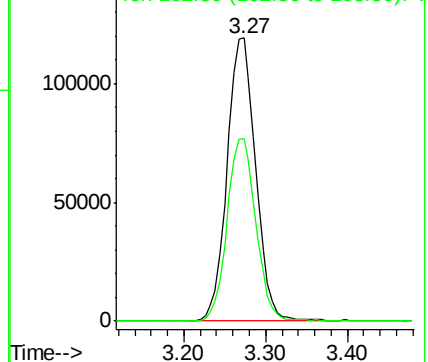
101 100

103 64.3 51.1 76.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 45.82 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD065715.D

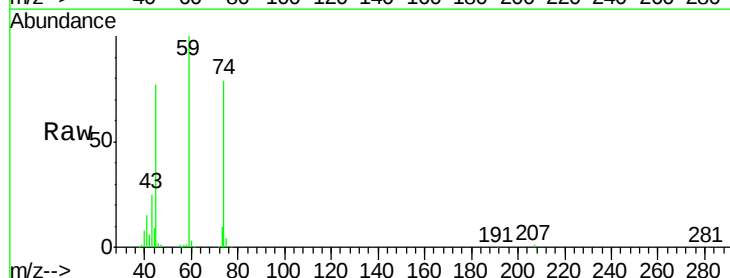
Acq: 07 May 2020 17:05

Tgt Ion: 74 Resp: 88609

Ion Ratio Lower Upper

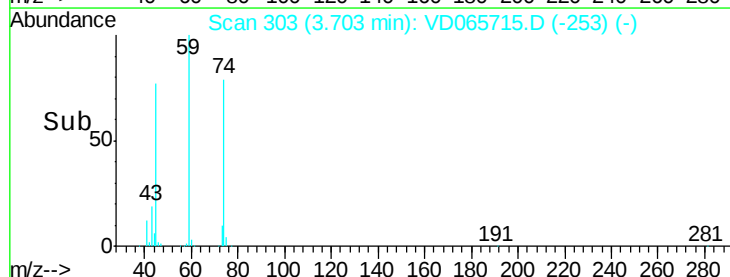
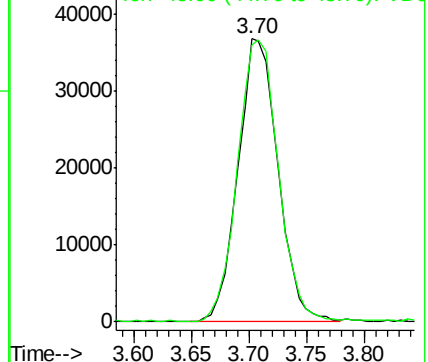
74 100

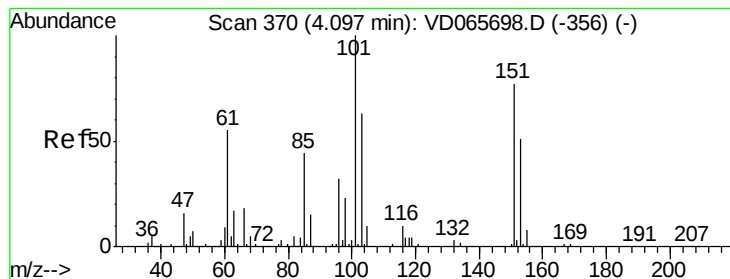
45 102.2 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.03 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

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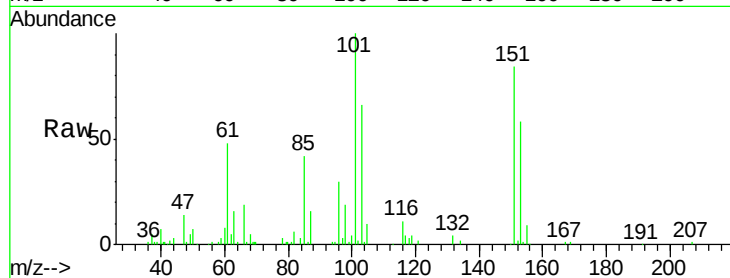
Tgt Ion:101 Resp: 176214

Ion Ratio Lower Upper

101 100

85 44.1 34.4 51.6

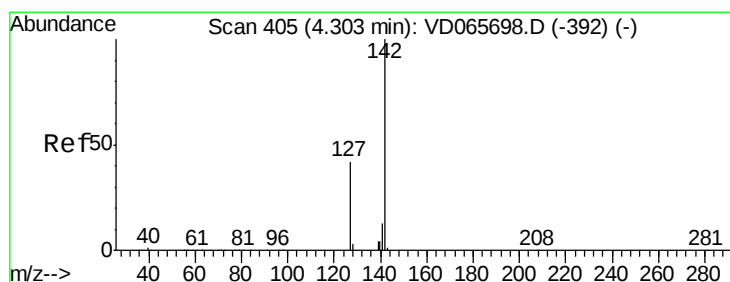
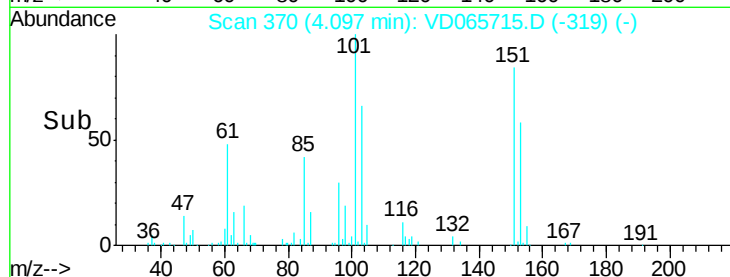
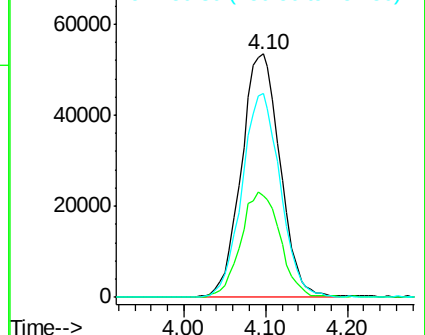
151 82.8 63.0 94.4



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: 51.74 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

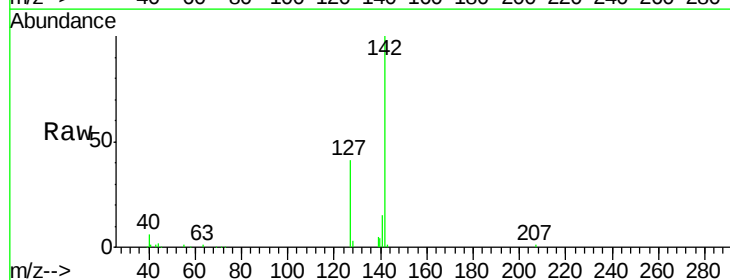
Tgt Ion:142 Resp: 190164

Ion Ratio Lower Upper

142 100

127 41.9 34.5 51.7

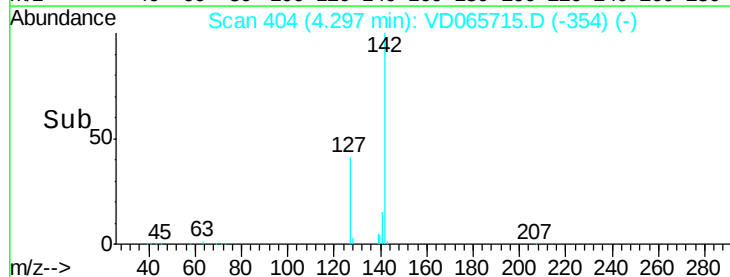
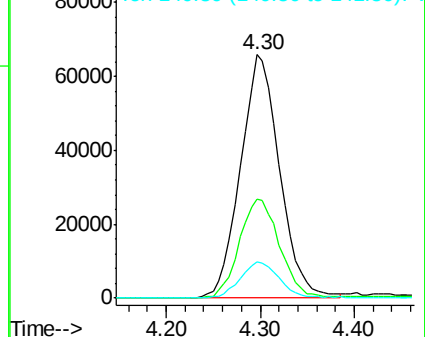
141 14.6 11.6 17.4

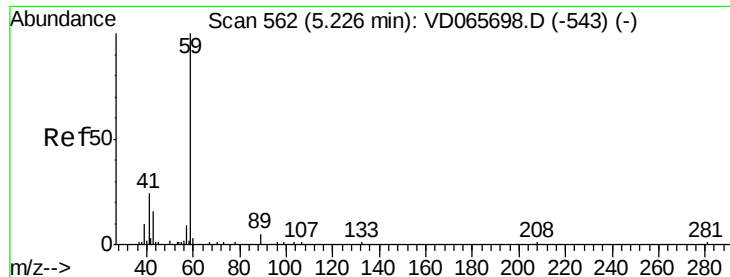


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



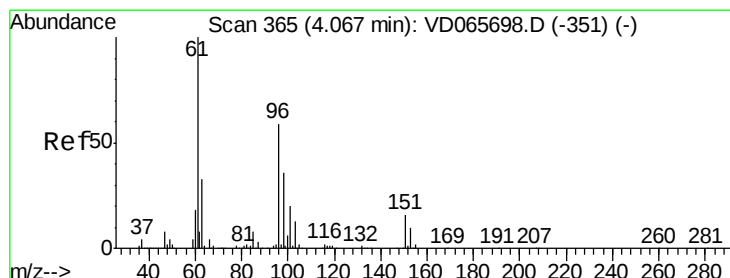
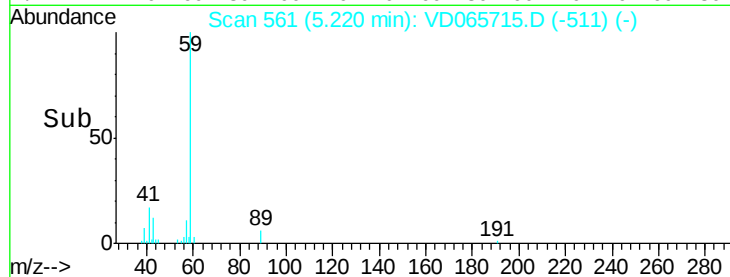
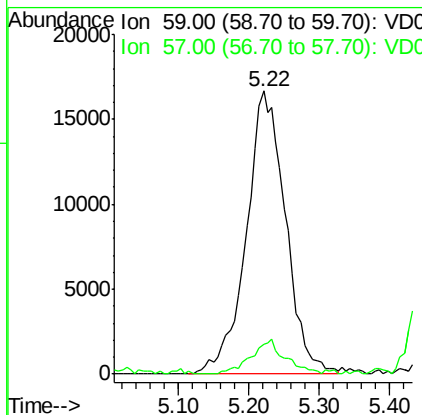
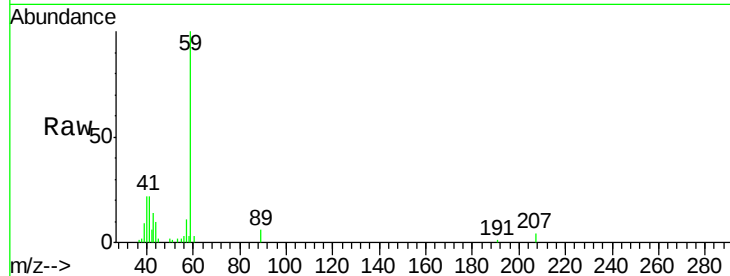


#11

Tert butyl alcohol
 Concen: 220.64 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

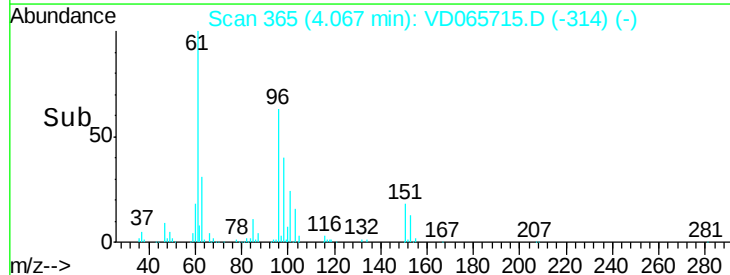
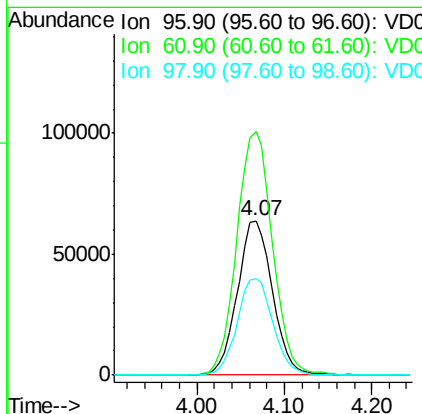
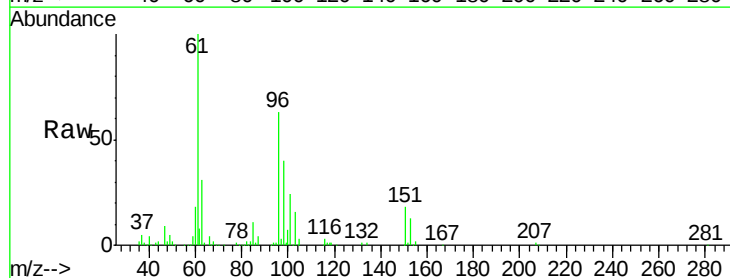
Tgt Ion: 59 Resp: 64732
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.7 13.1

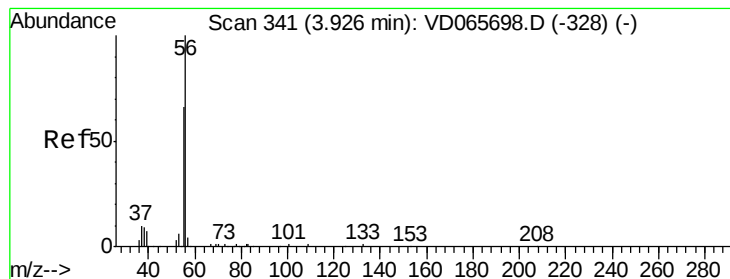


#12

1,1-Dichloroethene
 Concen: 47.15 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: 199.73 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 :

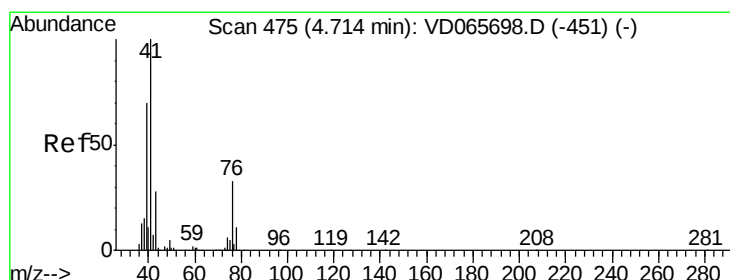
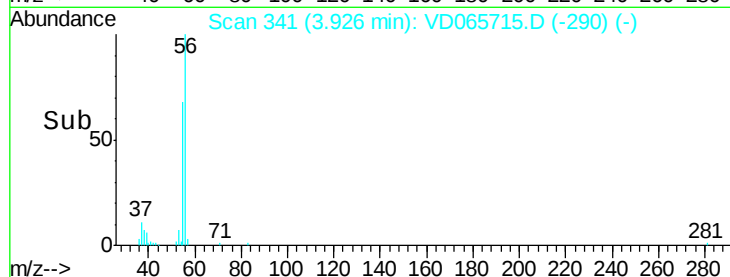
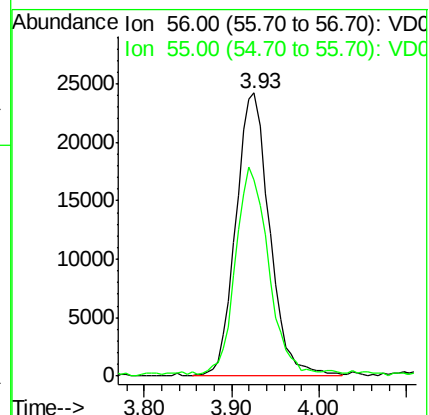
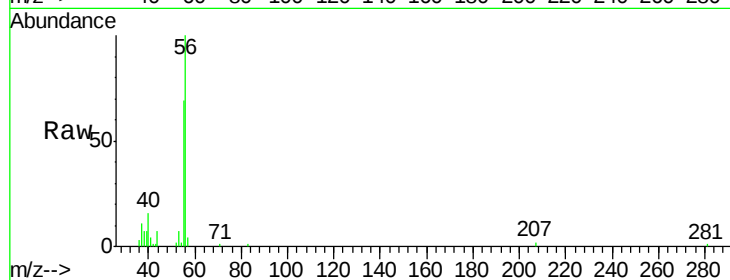
VSTDCCC050EC

Tgt Ion: 56 Resp: 63463

Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



#14

Allyl chloride

Concen: 41.74 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

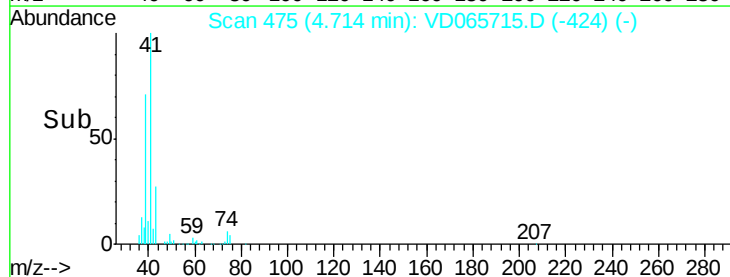
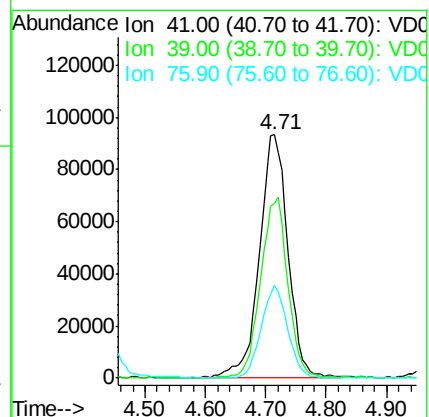
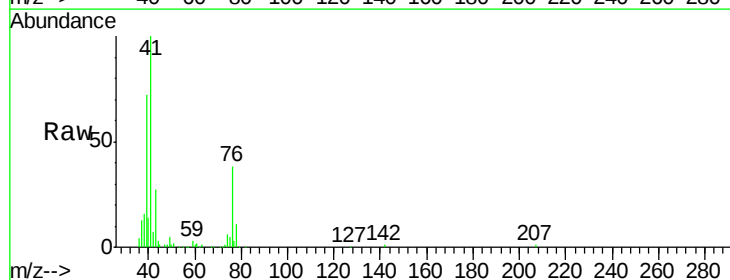
Tgt Ion: 41 Resp: 306373

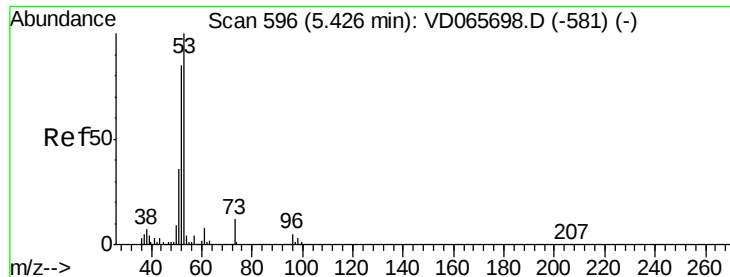
Ion Ratio Lower Upper

41 100

39 70.6 55.6 83.4

76 35.3 25.6 38.4





#15

Acrylonitrile

Concen: 216.37 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

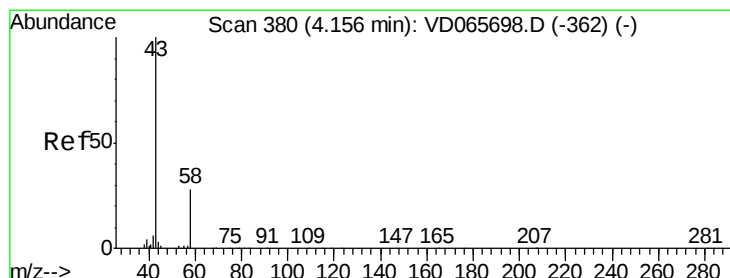
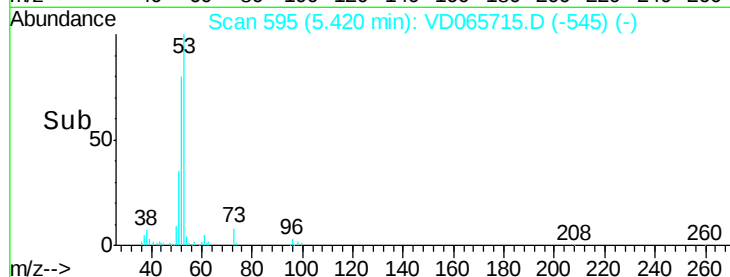
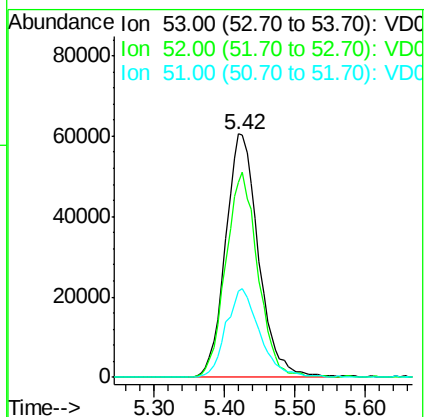
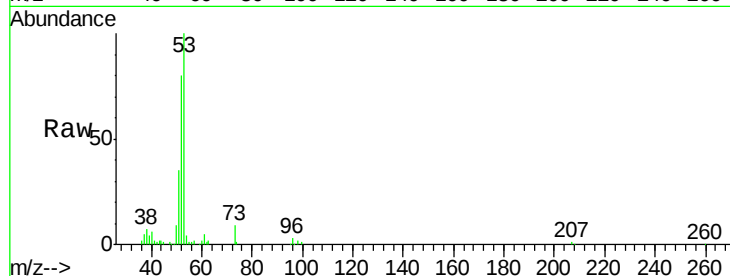
Tgt Ion: 53 Resp: 196713

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

51 37.3 29.9 44.9



#16

Acetone

Concen: 206.33 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065715.D

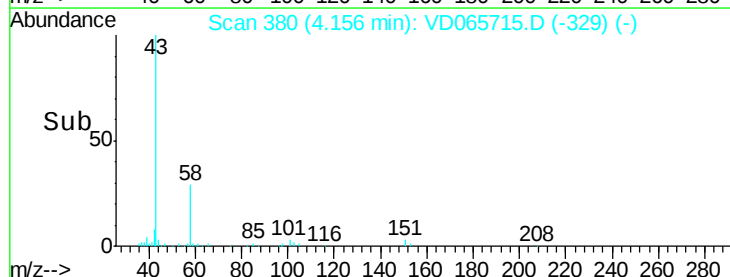
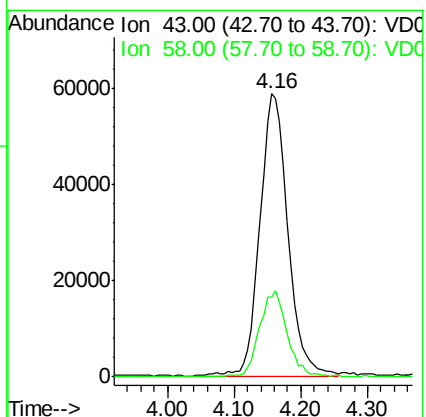
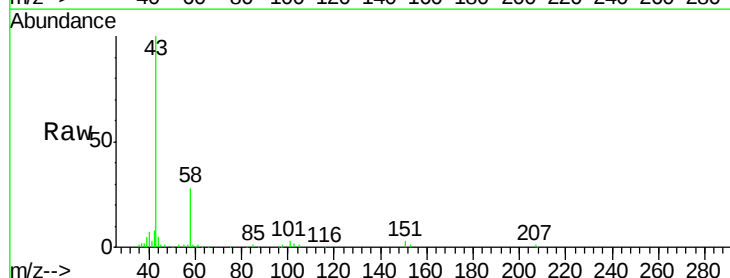
Acq: 07 May 2020 17:05

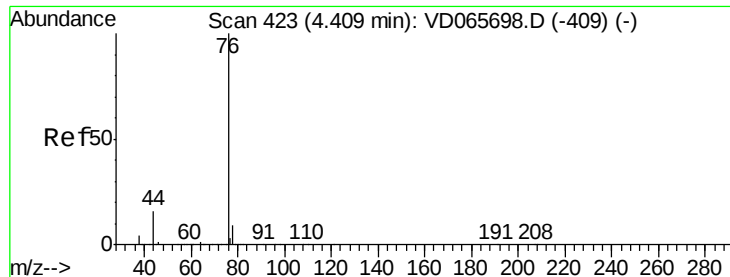
Tgt Ion: 43 Resp: 170356

Ion Ratio Lower Upper

43 100

58 28.5 22.5 33.7





#17

Carbon Disulfide

Concen: 45.65 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 :

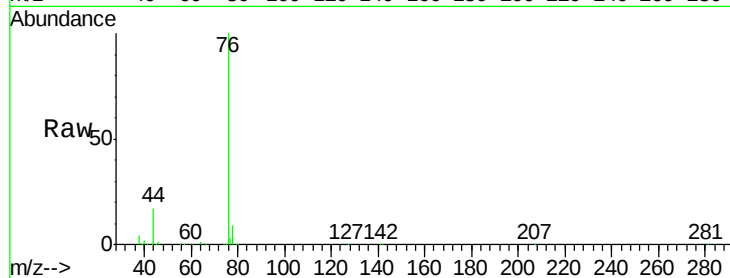
VSTDCCC050EC

Tgt Ion: 76 Resp: 552836

Ion Ratio Lower Upper

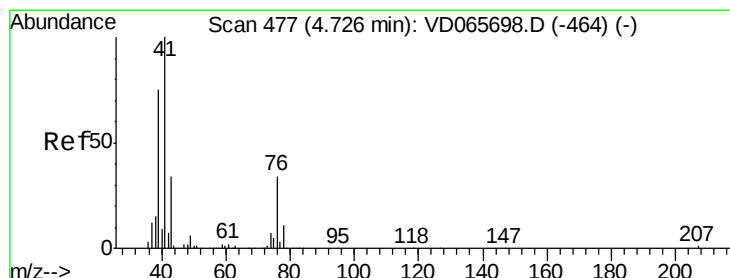
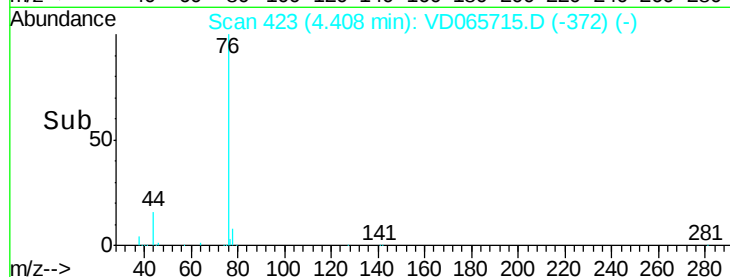
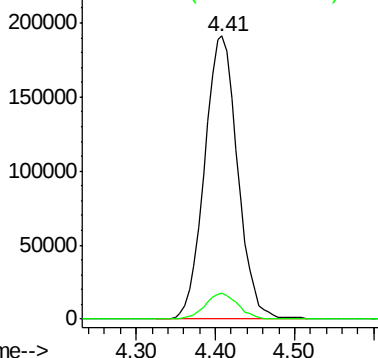
76 100

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: 40.72 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065715.D

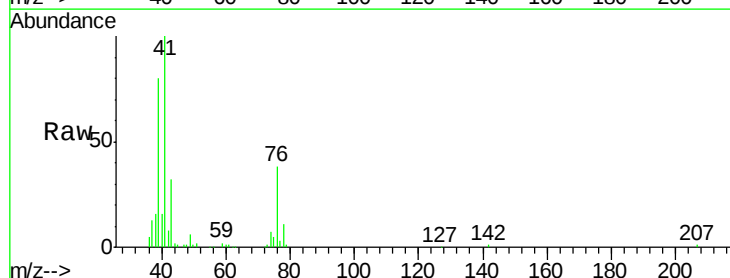
Acq: 07 May 2020 17:05

Tgt Ion: 43 Resp: 83587

Ion Ratio Lower Upper

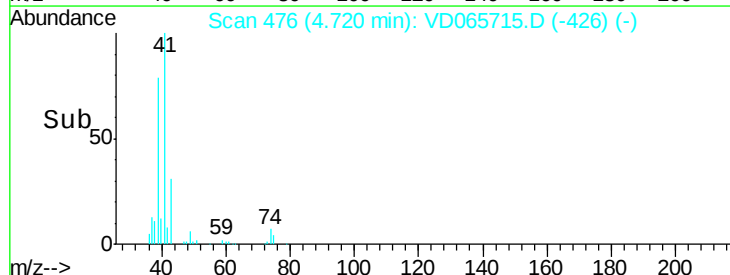
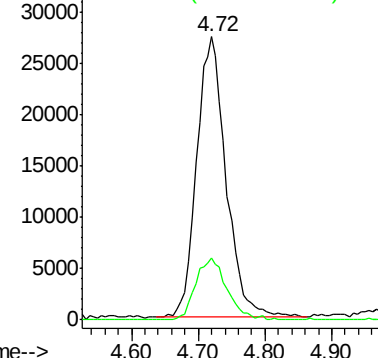
43 100

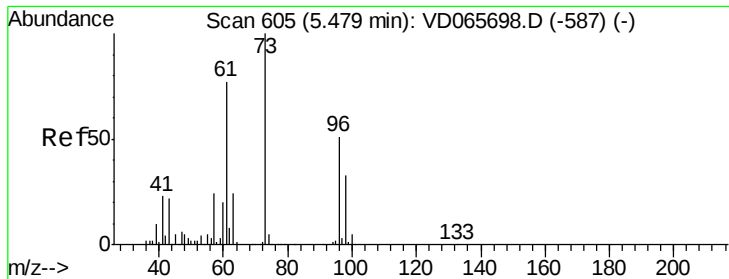
74 23.5 17.1 25.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

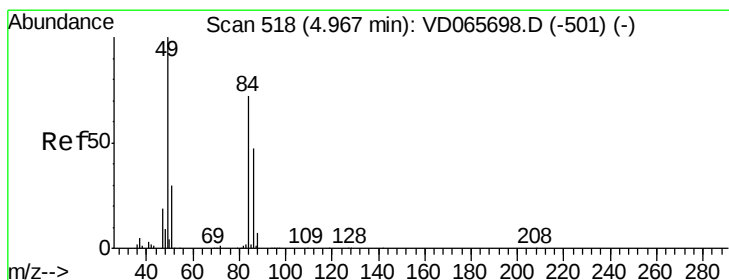
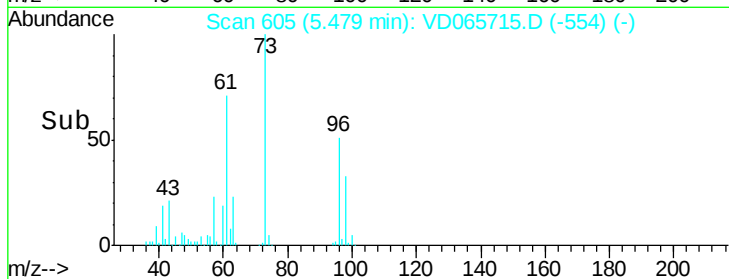
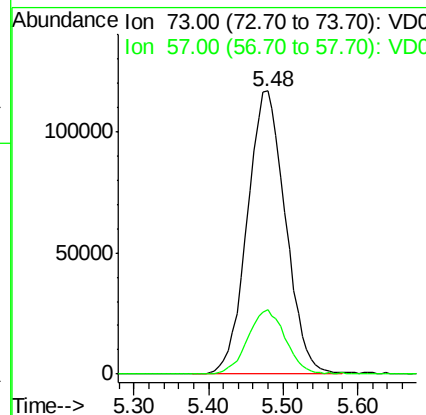
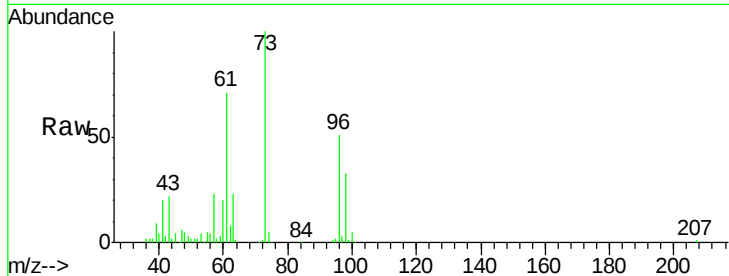




#19
Methyl tert-butyl Ether
Concen: 46.49 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

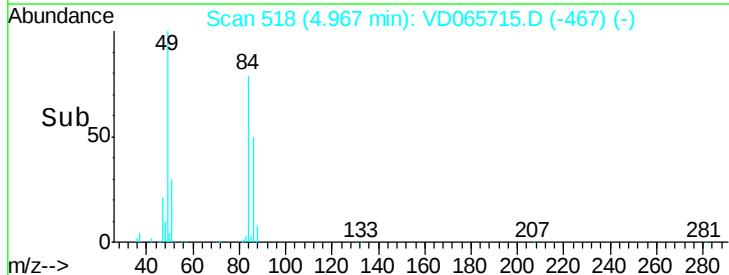
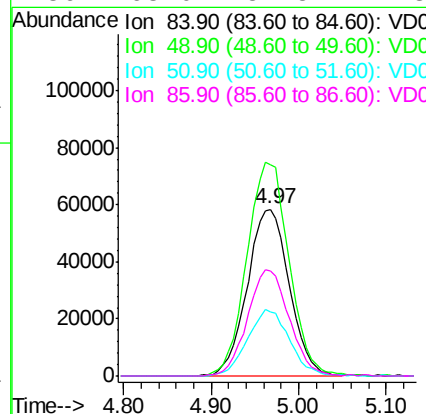
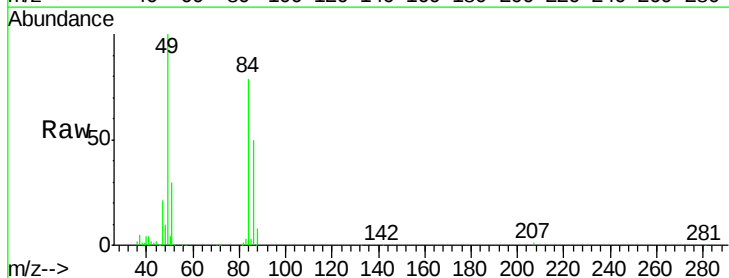
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

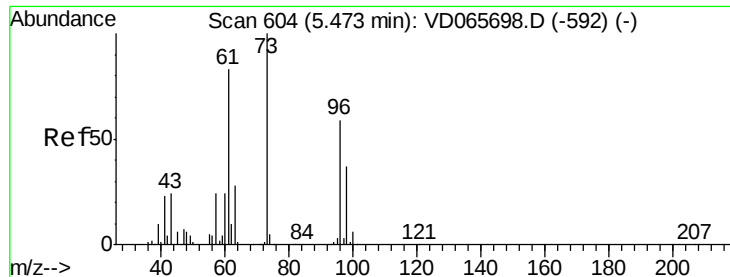
Tgt Ion: 73 Resp: 415118
Ion Ratio Lower Upper
73 100
57 22.7 19.4 29.0



#20
Methylene Chloride
Concen: 46.00 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: 46.49 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

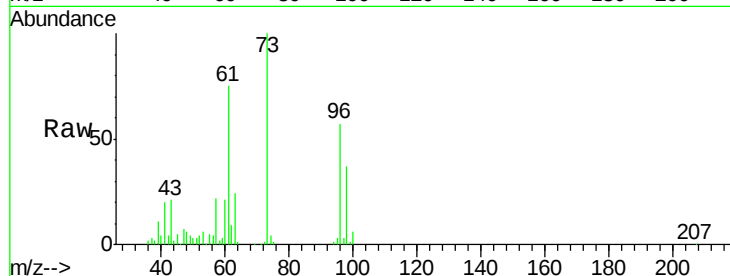
Tgt Ion: 96 Resp: 195963

Ion Ratio Lower Upper

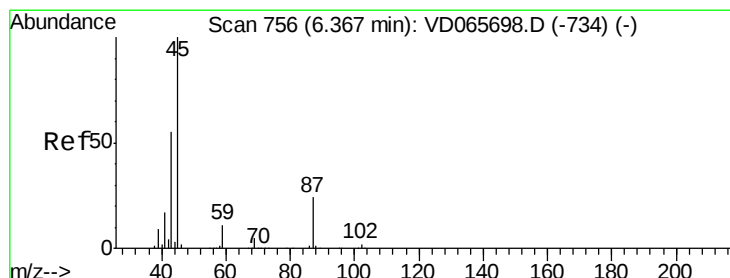
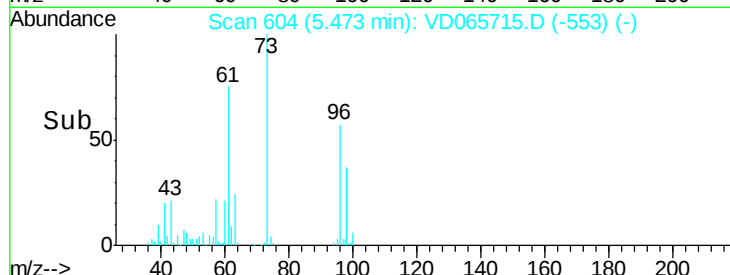
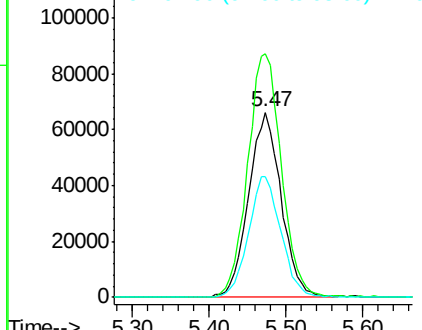
96 100

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: 43.80 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

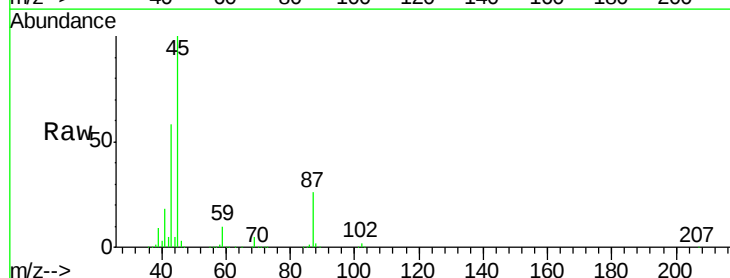
Ion Ratio Lower Upper

45 100

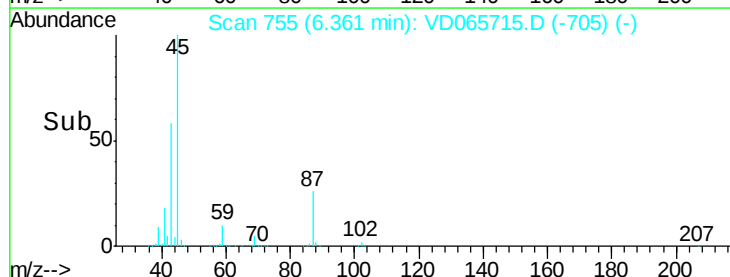
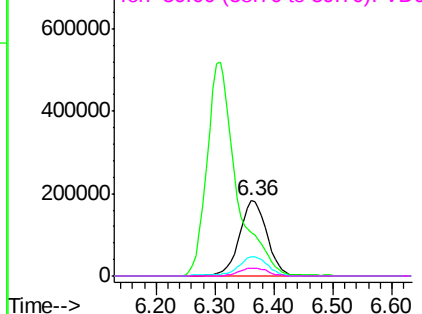
43 57.0 44.2 66.4

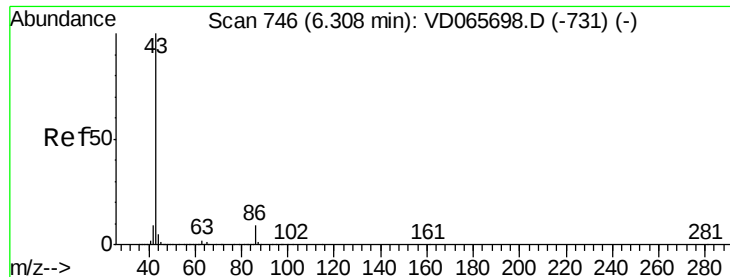
87 26.3 19.0 28.4

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: 217.75 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 :

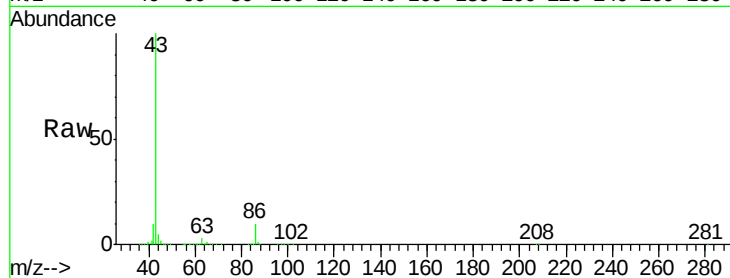
VSTDCCC050EC

Tgt 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

600000

500000

400000

300000

200000

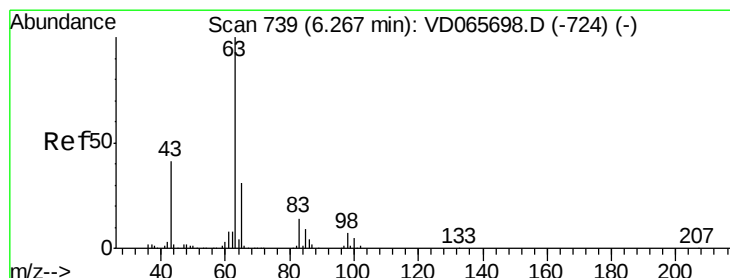
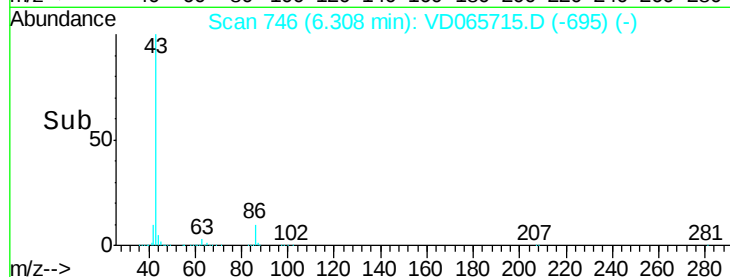
100000

0

6.31

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 45.09 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

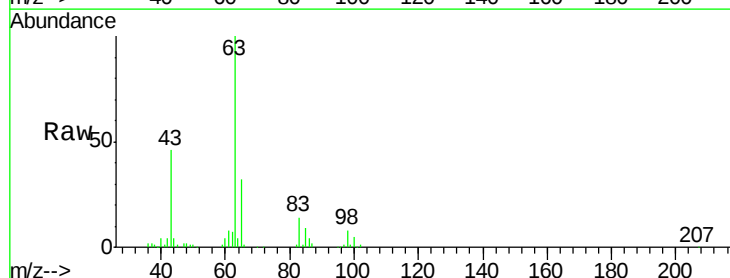
Tgt Ion: 63 Resp: 337186

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

150000

100000

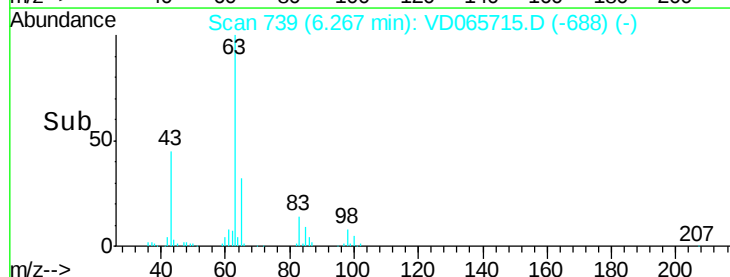
50000

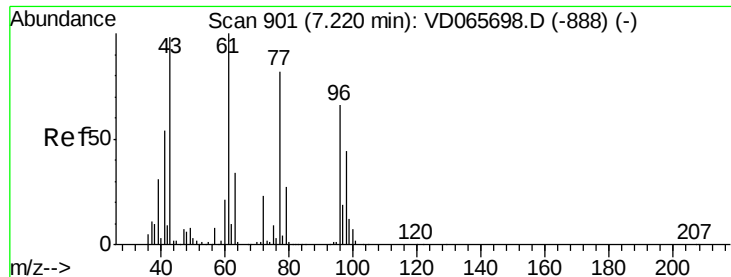
0

6.27

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 208.77 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 :

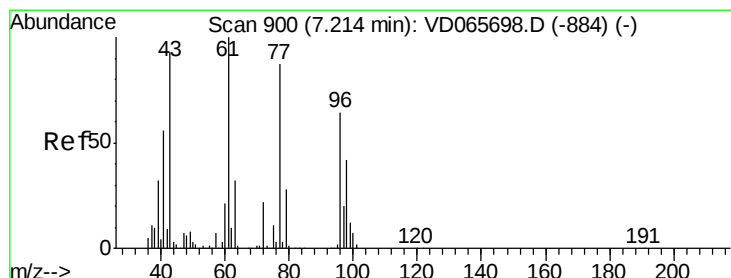
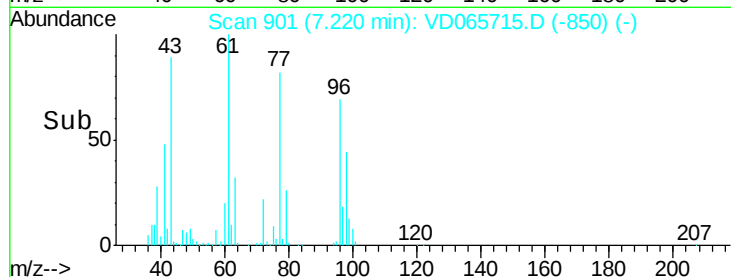
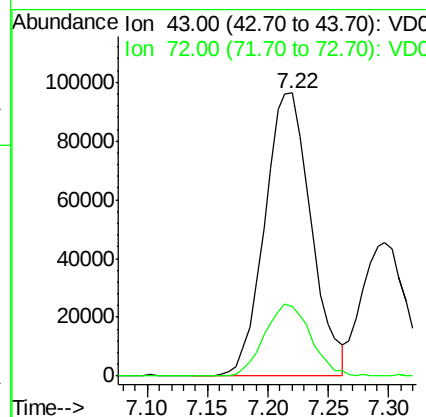
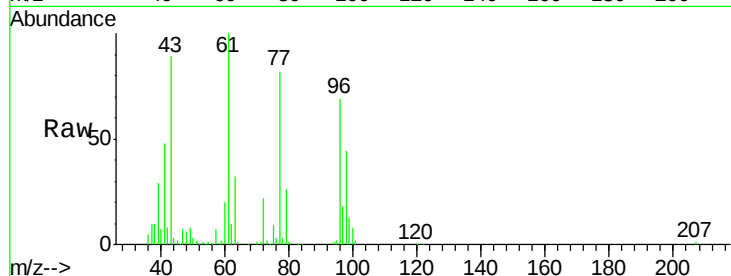
VSTDCCC050EC

Tgt Ion: 43 Resp: 255677

Ion Ratio Lower Upper

43 100

72 24.5 19.2 28.8



#26

2,2-Dichloropropane

Concen: 44.53 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065715.D

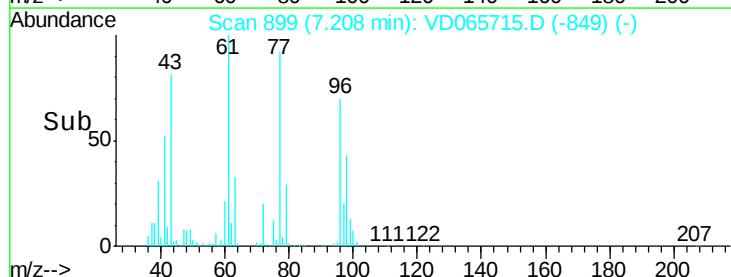
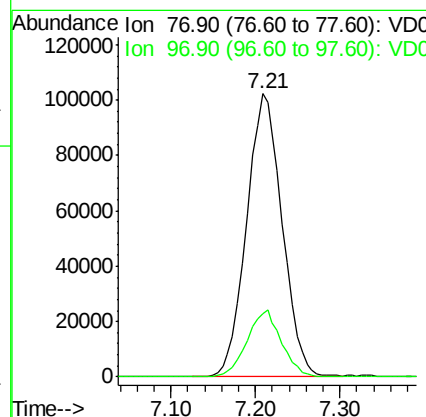
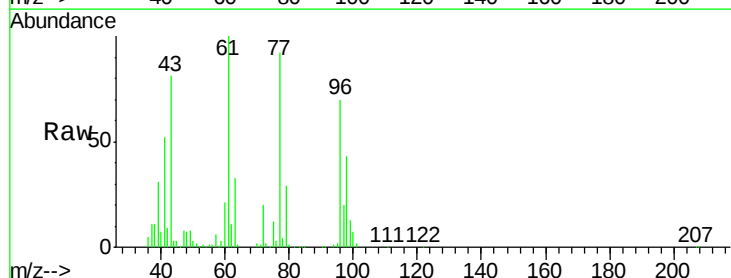
Acq: 07 May 2020 17:05

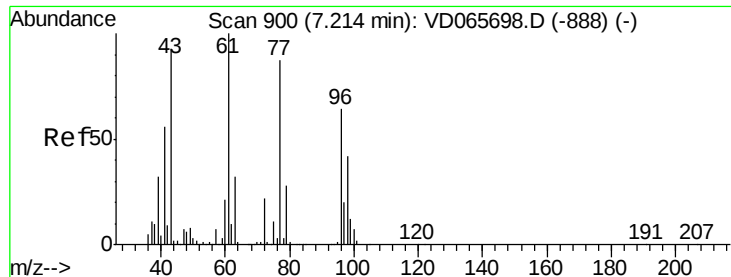
Tgt Ion: 77 Resp: 299855

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 47.05 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

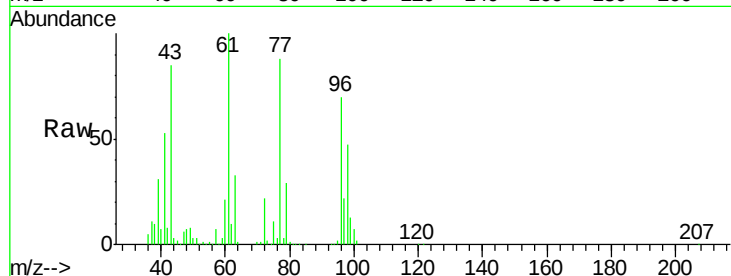
Tgt Ion: 96 Resp: 215210

Ion Ratio Lower Upper

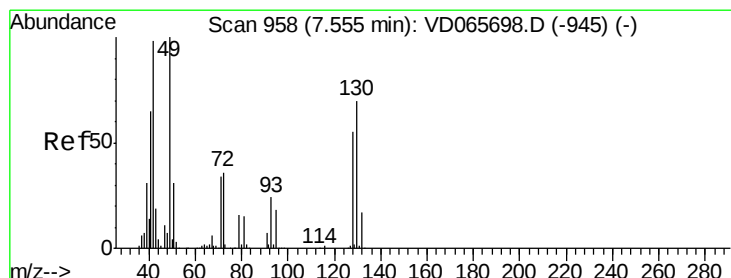
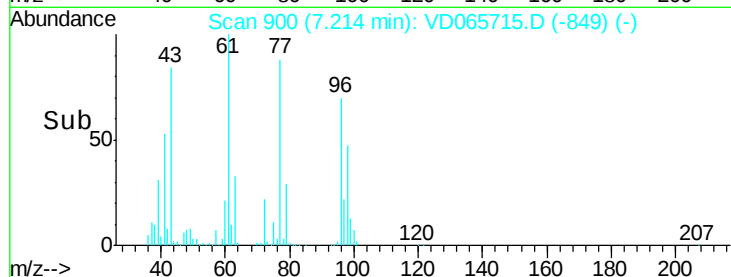
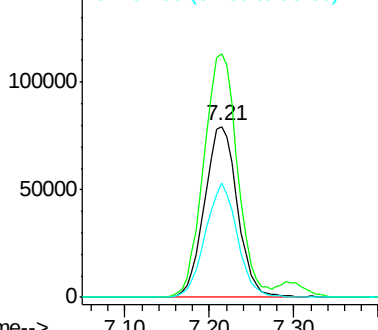
96 100

61 145.8 0.0 306.6

98 64.7 0.0 129.4



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



#28

Bromochloromethane

Concen: 45.72 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.01 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

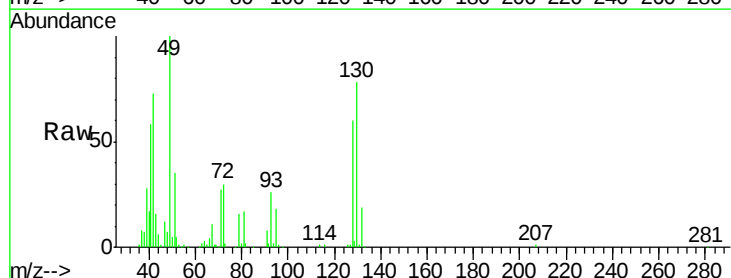
Tgt Ion: 49 Resp: 142588

Ion Ratio Lower Upper

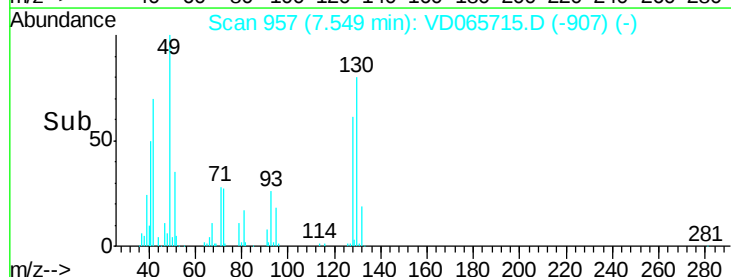
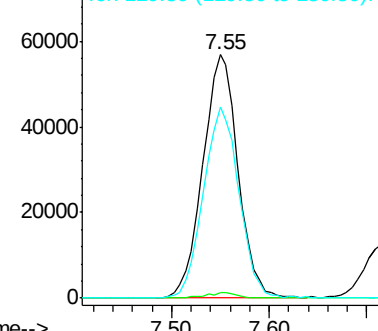
49 100

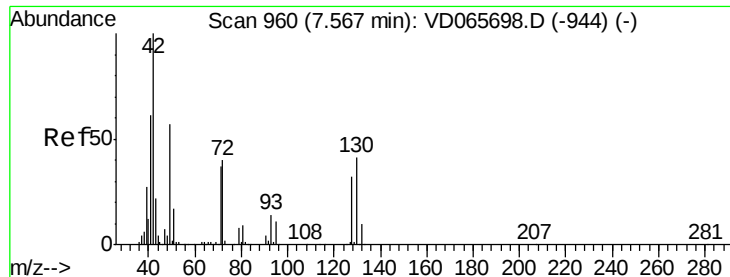
129 2.0 0.0 3.8

130 79.8 56.4 84.6



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





#29

Tetrahydrofuran

Concen: 209.26 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

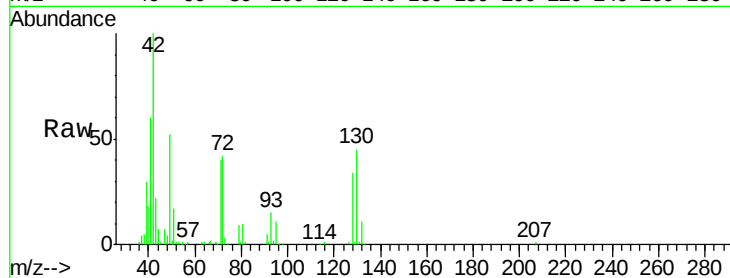
Tgt Ion: 42 Resp: 165179

Ion Ratio Lower Upper

42 100

72 40.7 30.4 45.6

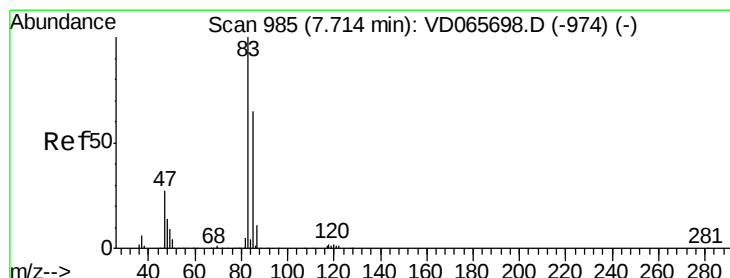
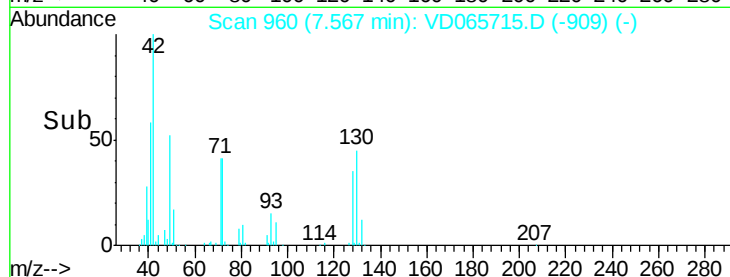
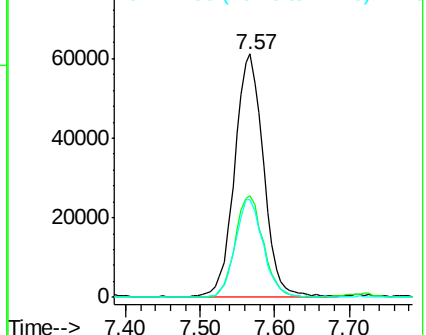
71 38.8 28.0 42.0



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: 46.58 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065715.D

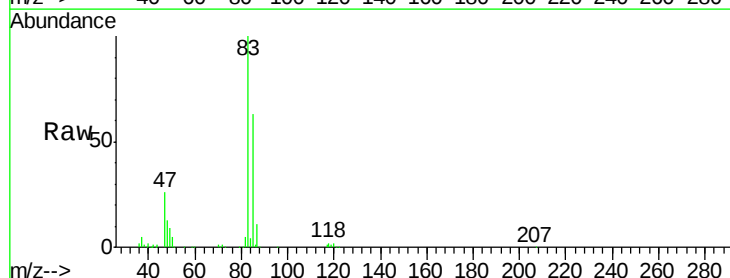
Acq: 07 May 2020 17:05

Tgt Ion: 83 Resp: 335178

Ion Ratio Lower Upper

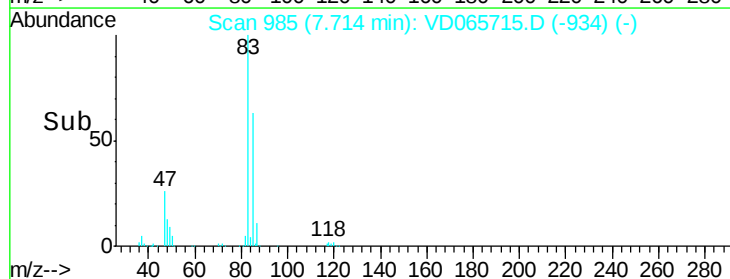
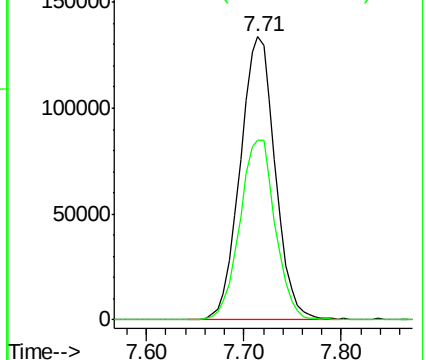
83 100

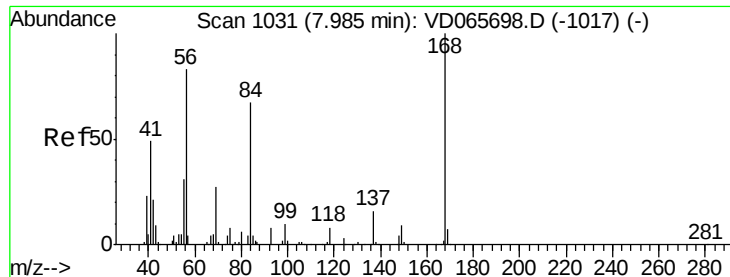
85 63.5 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

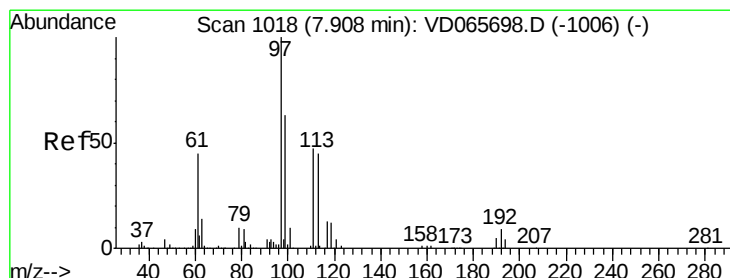
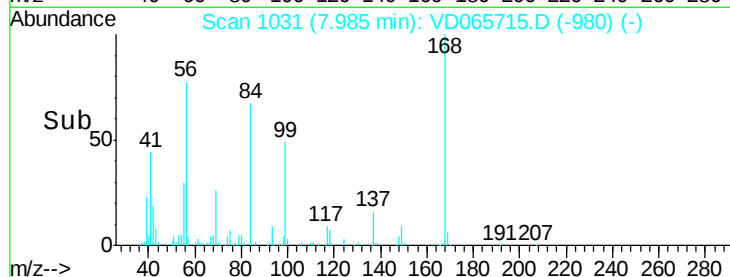
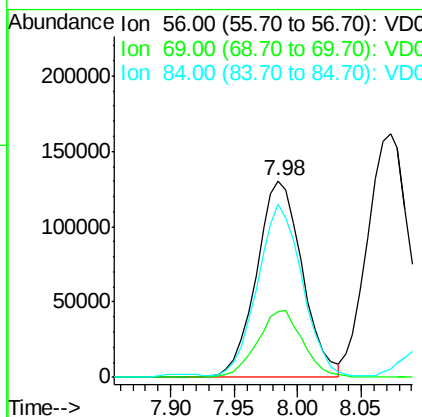
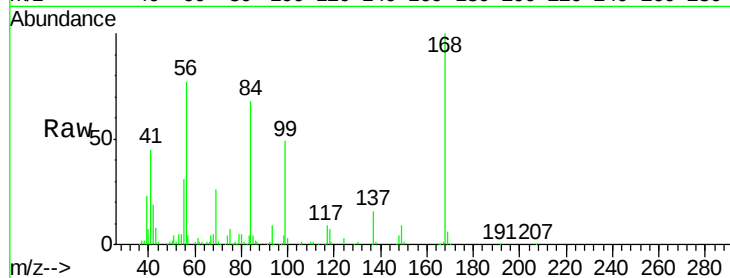




#31
Cyclohexane
Concen: 42.44 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

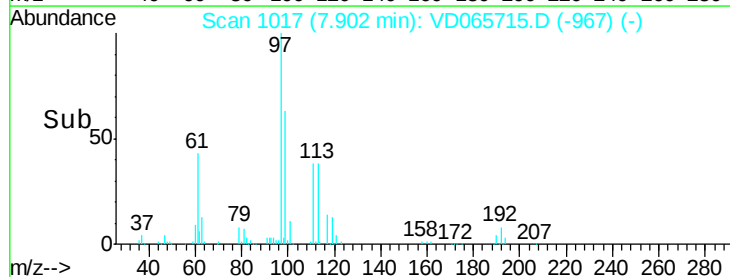
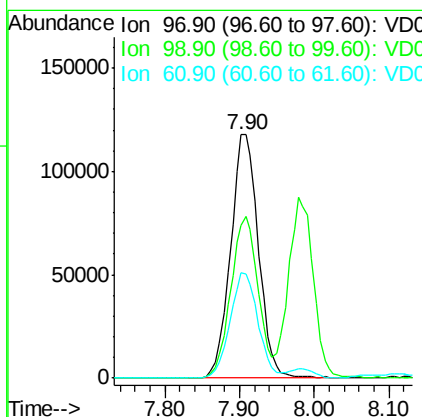
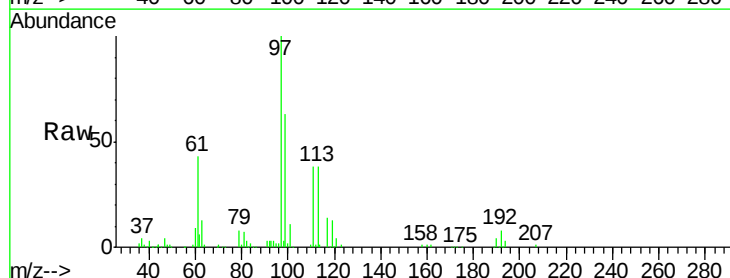
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

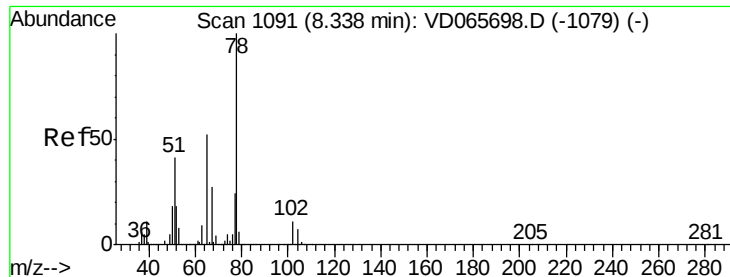
Tgt Ion: 56 Resp: 328412
Ion Ratio Lower Upper
56 100
69 33.4 26.3 39.5
84 86.9 64.5 96.7



#32
1,1,1-Trichloroethane
Concen: 45.72 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

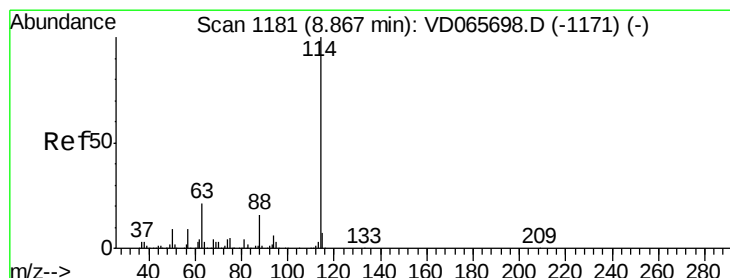
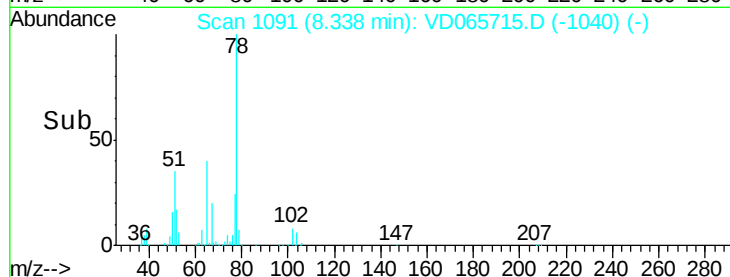
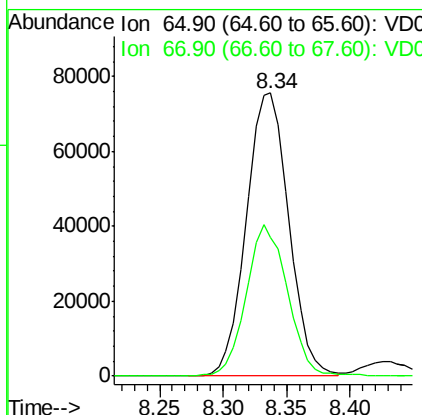
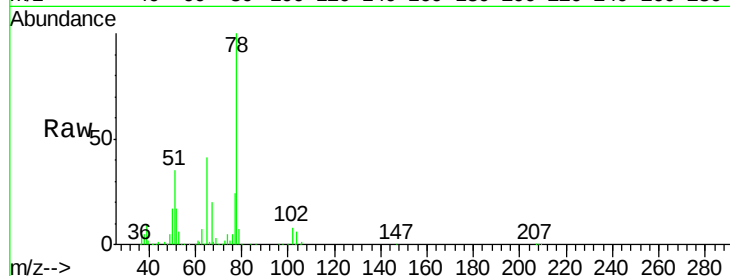




#33
 1,2-Dichloroethane-d4
 Concen: 45.56 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

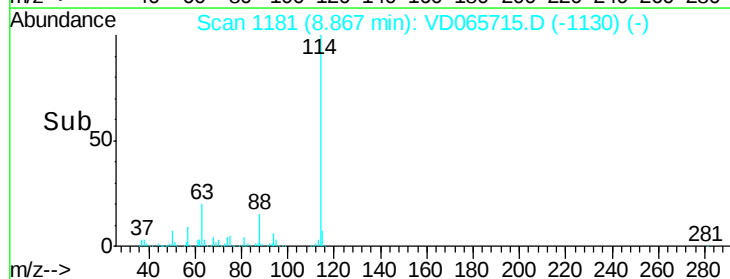
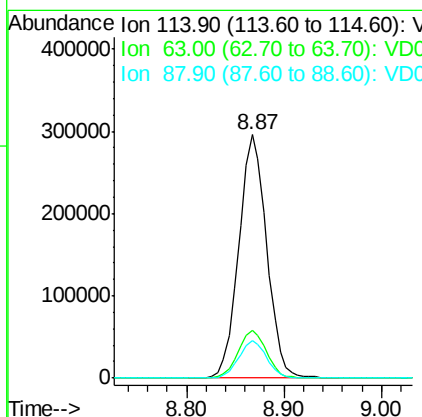
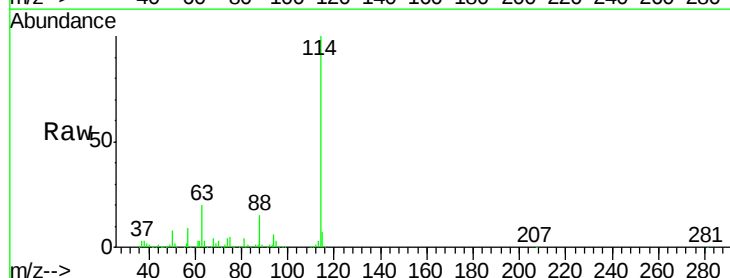
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

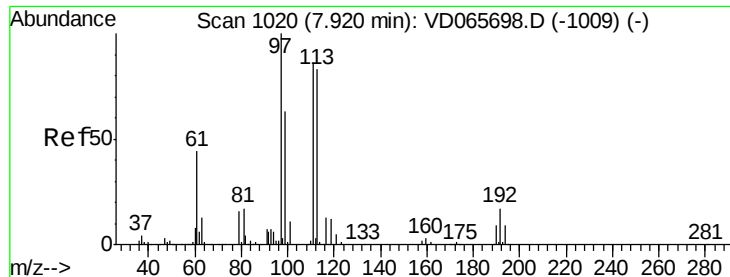
Tgt Ion: 65 Resp: 176165
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 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

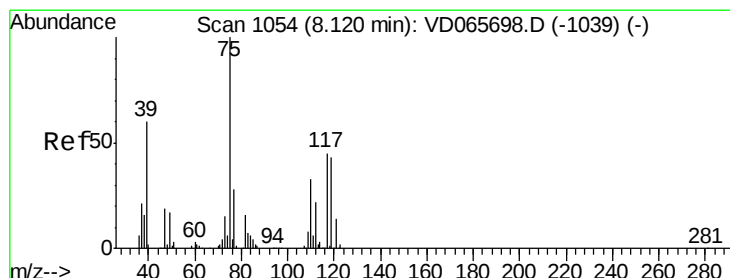
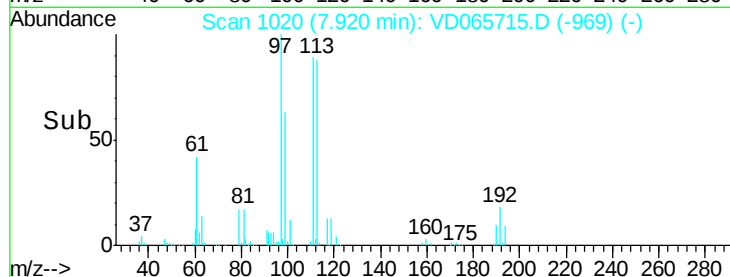
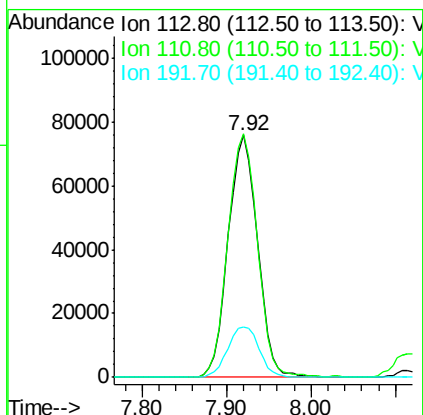
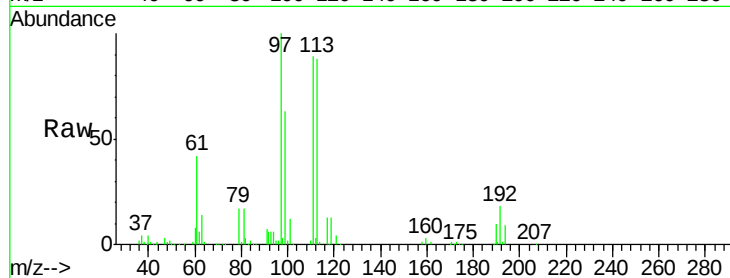




#35
 Dibromofluoromethane
 Concen: 49.63 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

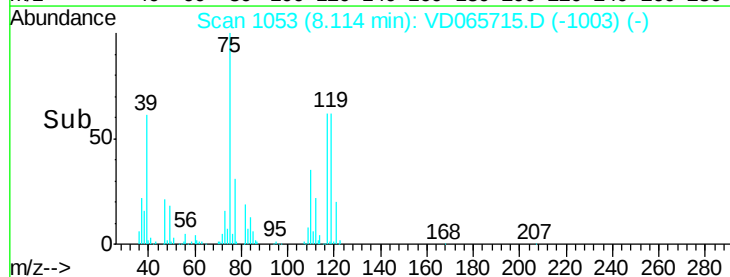
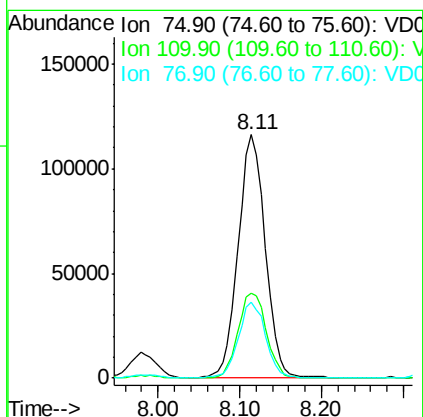
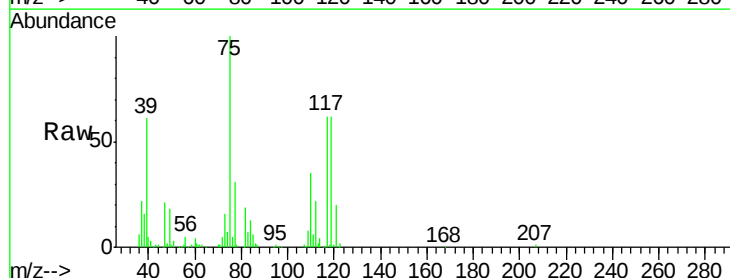
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

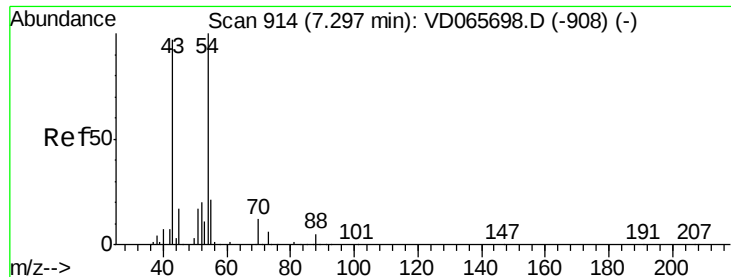
Tgt Ion: 113 Resp: 182029
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.7 124.1
 192 22.2 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 46.01 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

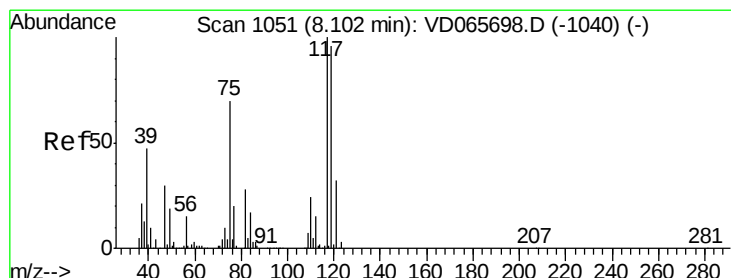
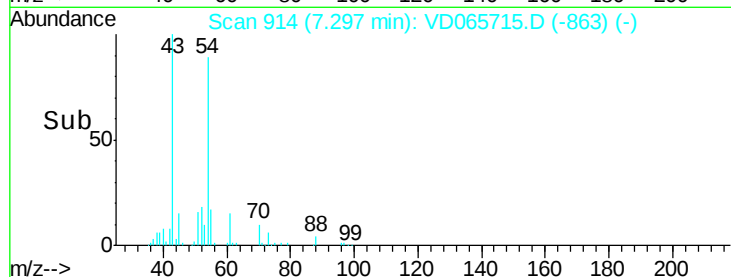
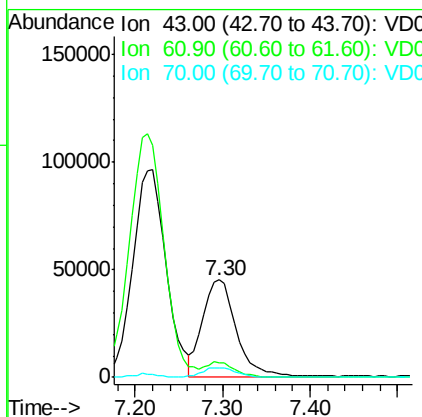
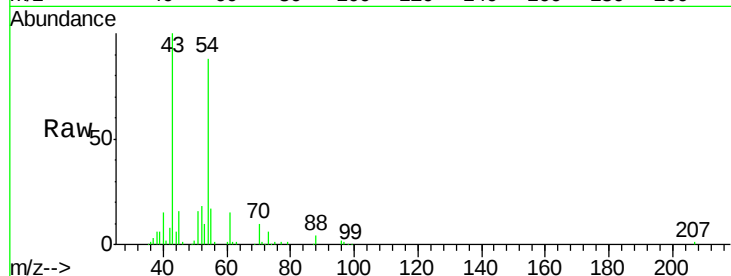




#37
 Ethyl Acetate
 Concen: 43.21 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

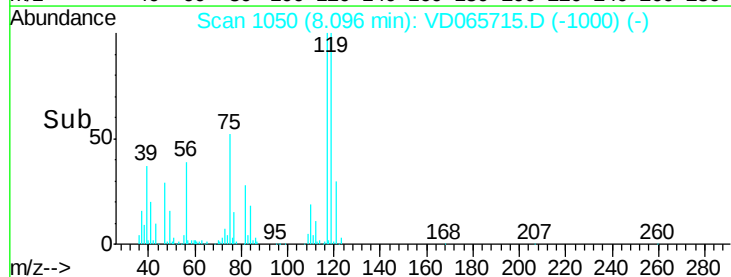
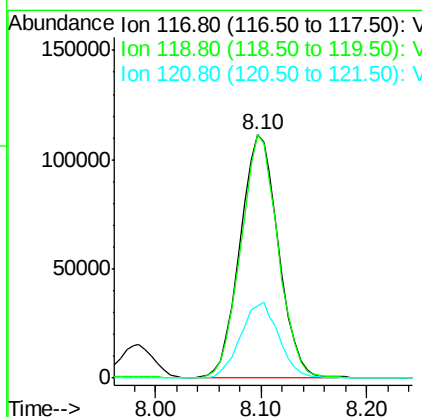
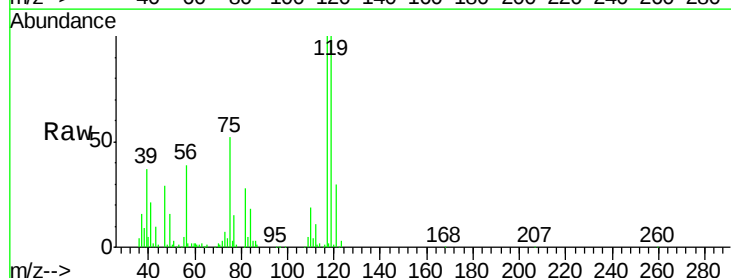
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

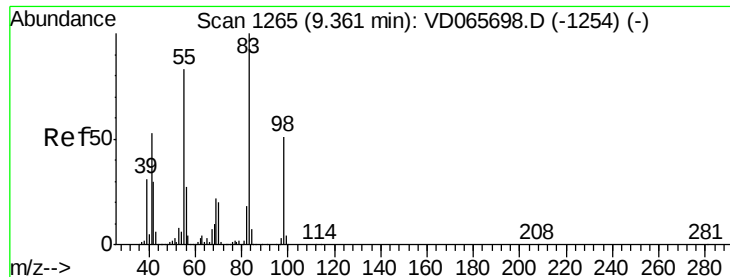
Tgt Ion: 43 Resp: 121253
 Ion Ratio Lower Upper
 43 100
 61 12.7 9.9 14.9
 70 10.4 7.3 10.9



#38
 Carbon Tetrachloride
 Concen: 48.20 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

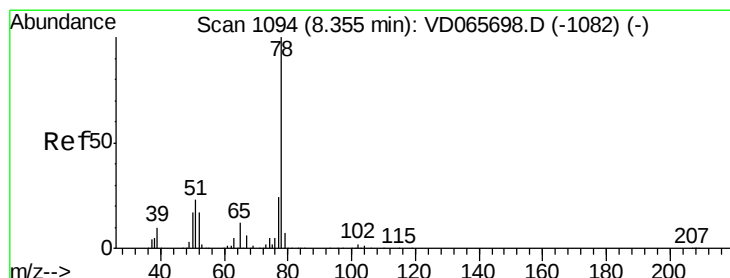
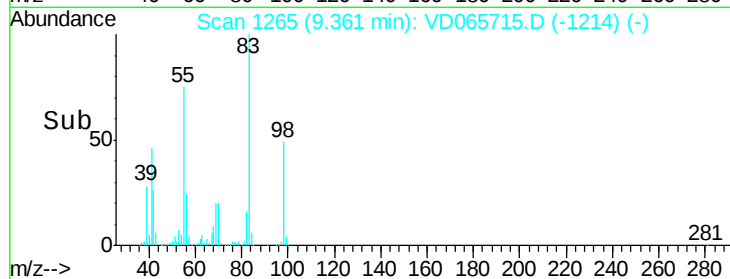
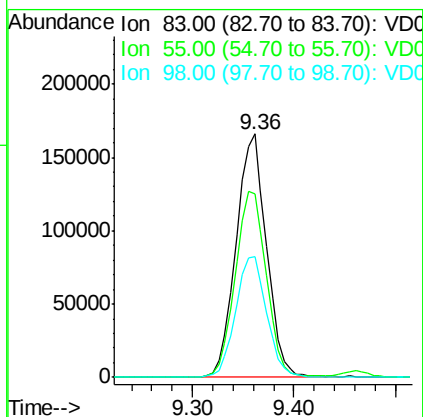
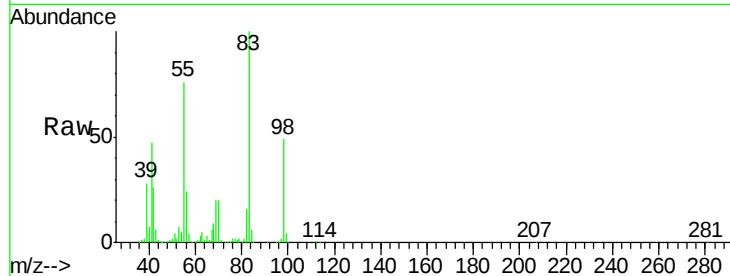




#39
Methylcyclohexane
Concen: 47.19 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

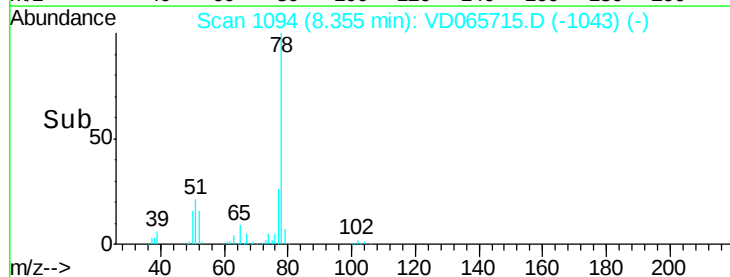
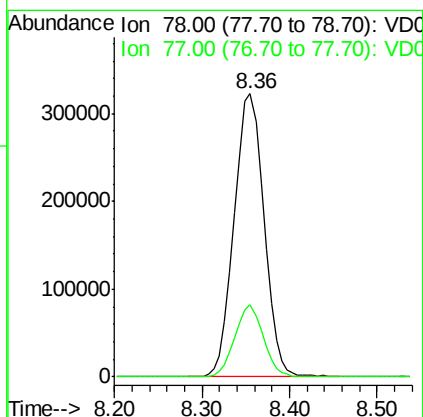
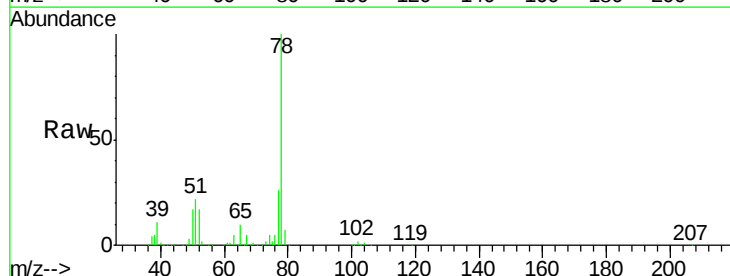
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

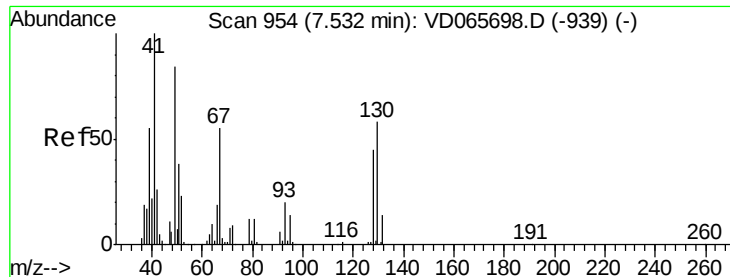
Tgt Ion: 83 Resp: 345276
Ion Ratio Lower Upper
83 100
55 75.5 66.0 99.0
98 49.4 41.0 61.4



#40
Benzene
Concen: 47.06 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: 33.51 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

Tgt Ion: 41 Resp: 54231

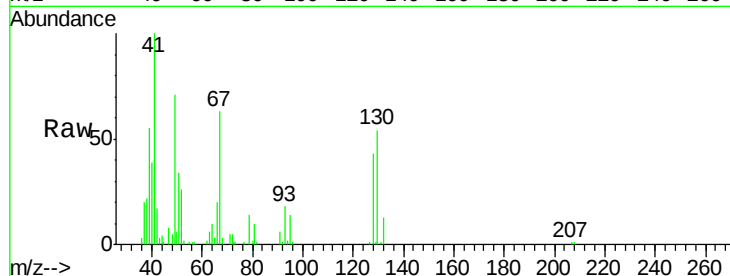
Ion Ratio Lower Upper

41 100

39 73.7 52.5 78.7

67 85.2 59.4 89.0

52 39.0 25.6 38.4#

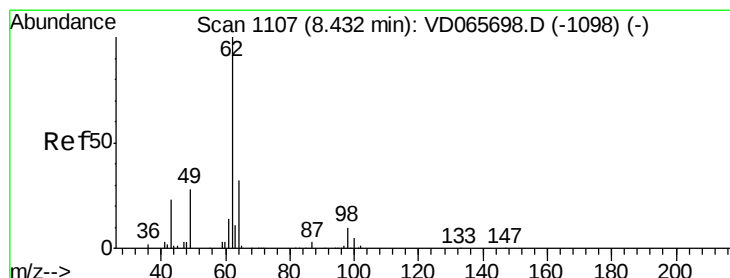
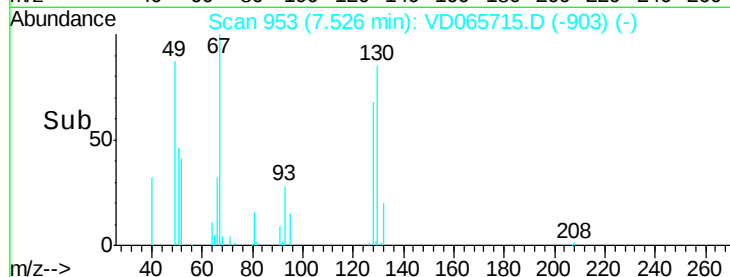
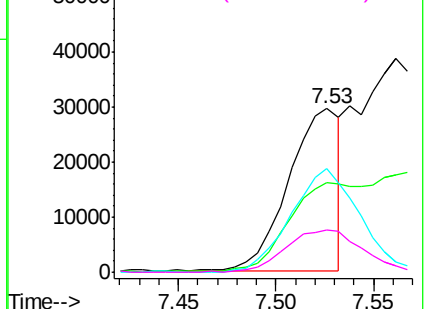


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 46.50 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD065715.D

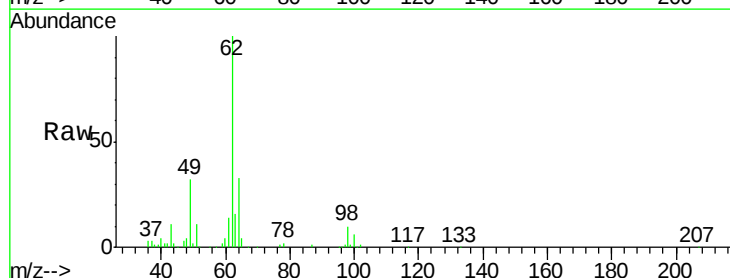
Acq: 07 May 2020 17:05

Tgt Ion: 62 Resp: 212964

Ion Ratio Lower Upper

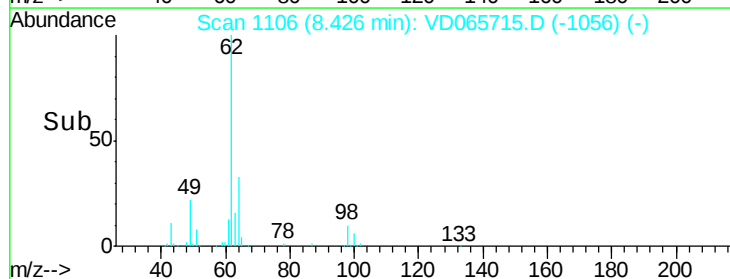
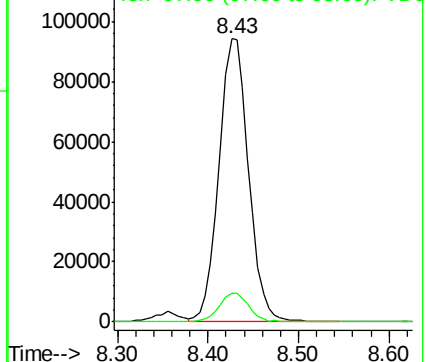
62 100

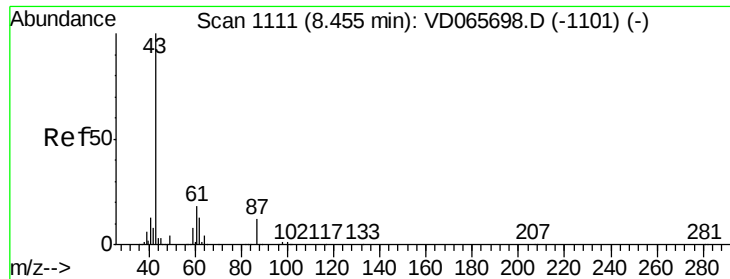
98 10.2 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 44.03 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

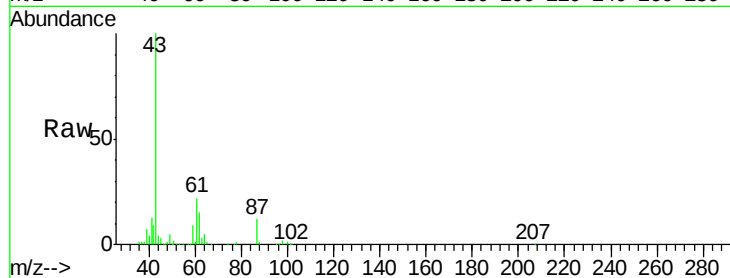
Tgt Ion: 43 Resp: 247065

Ion Ratio Lower Upper

43 100

61 28.1 21.9 32.9

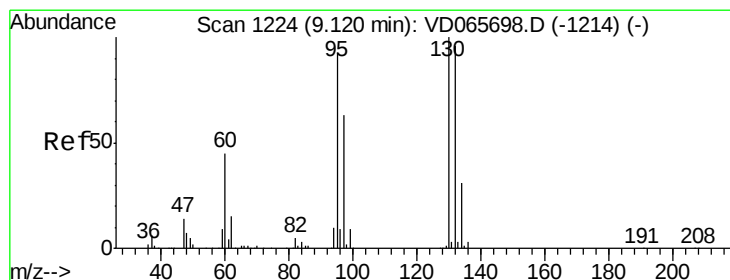
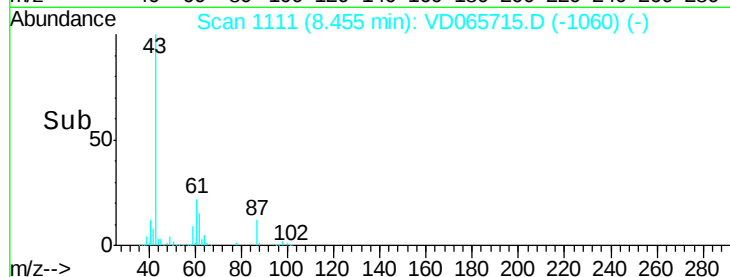
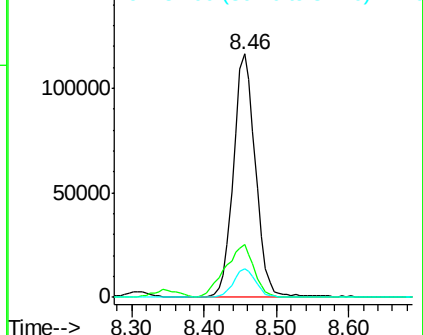
87 12.0 9.4 14.2



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: 49.50 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD065715.D

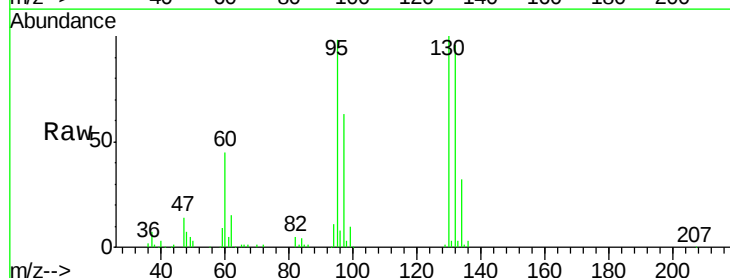
Acq: 07 May 2020 17:05

Tgt Ion: 130 Resp: 217111

Ion Ratio Lower Upper

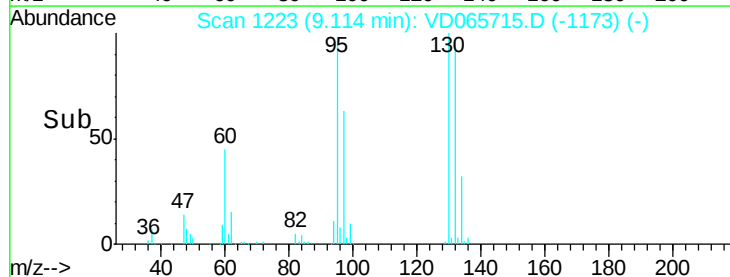
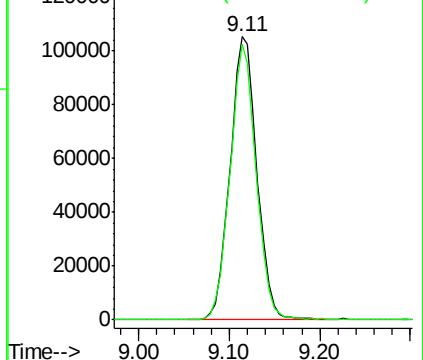
130 100

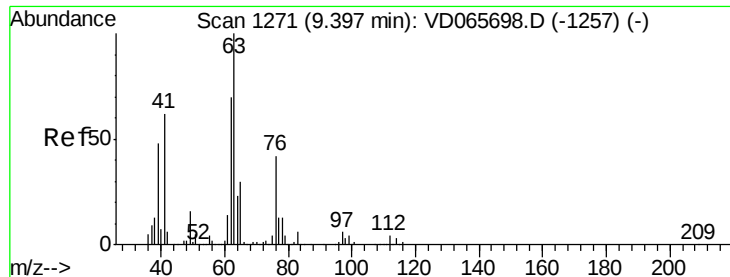
95 97.6 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 46.59 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 :

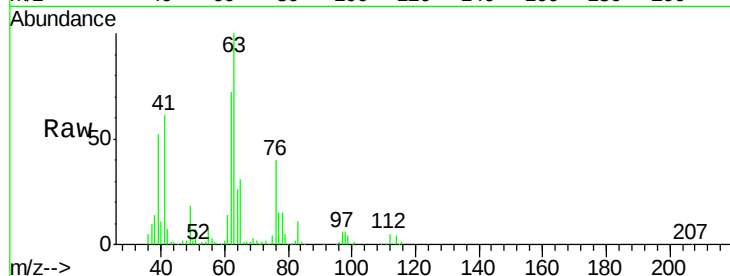
VSTDCCC050EC

Tgt Ion: 63 Resp: 191741

Ion Ratio Lower Upper

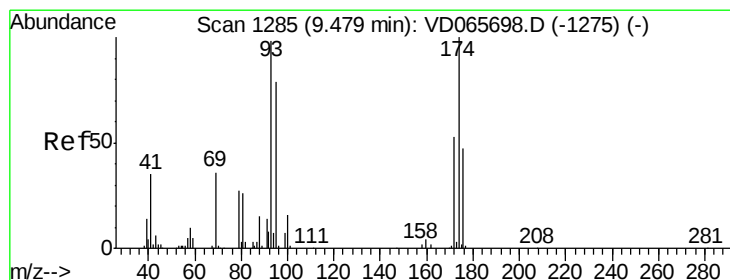
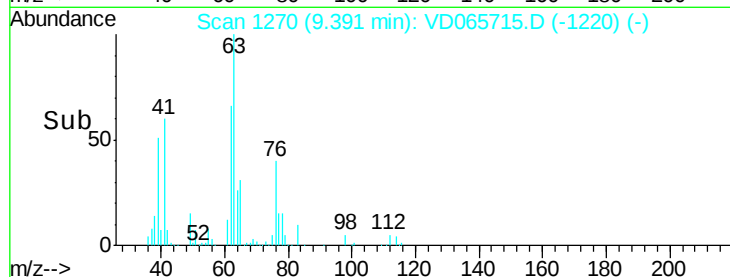
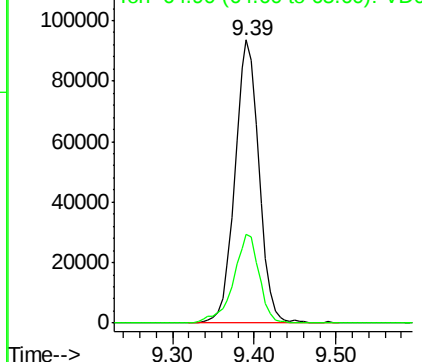
63 100

65 31.4 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 48.60 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

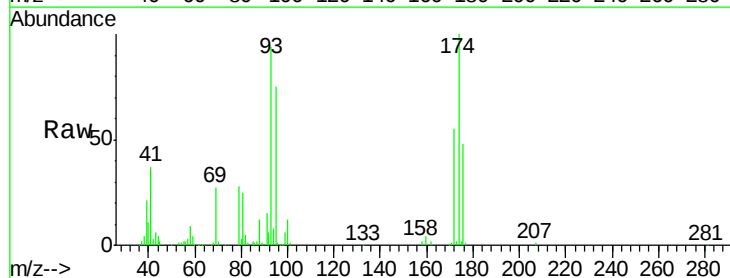
Tgt Ion: 93 Resp: 100347

Ion Ratio Lower Upper

93 100

95 80.7 65.3 97.9

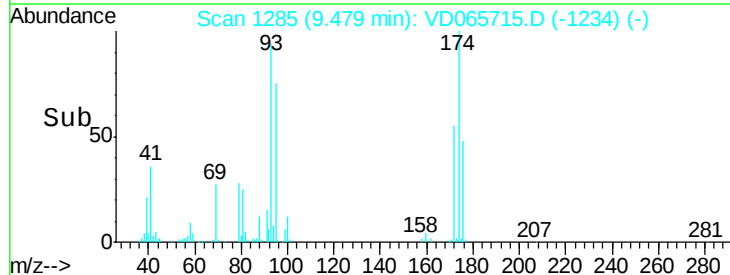
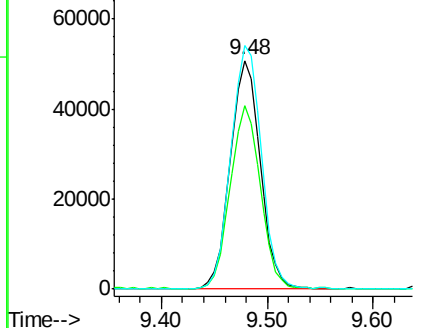
174 107.6 82.7 124.1

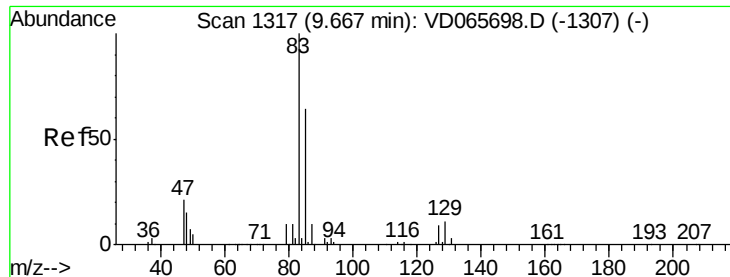


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

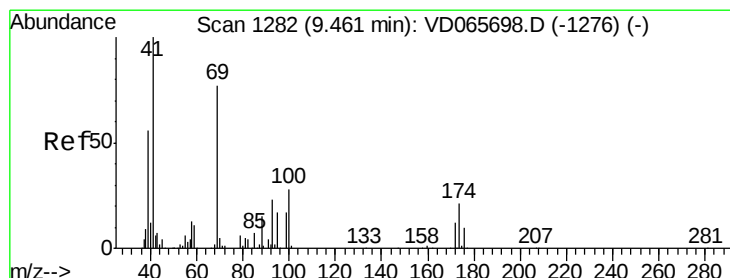
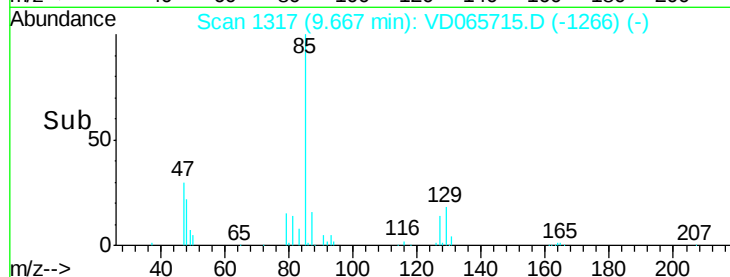
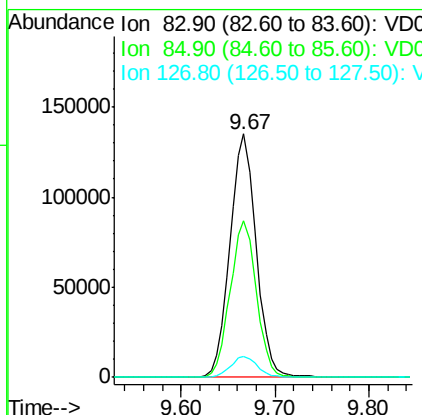
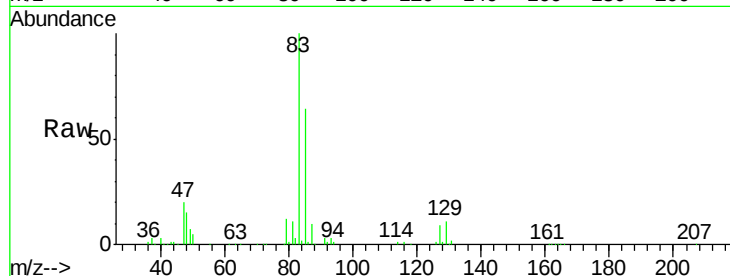




#47
Bromodichloromethane
Concen: 47.41 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

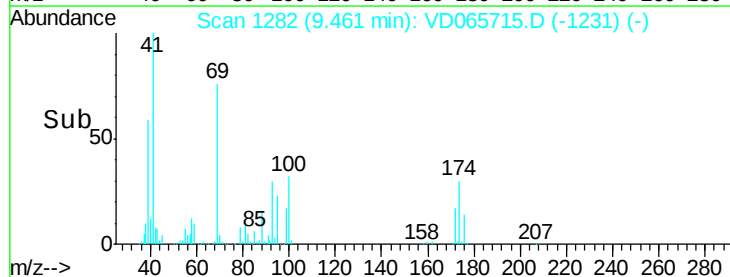
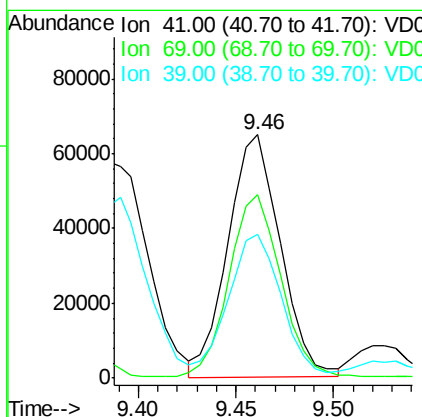
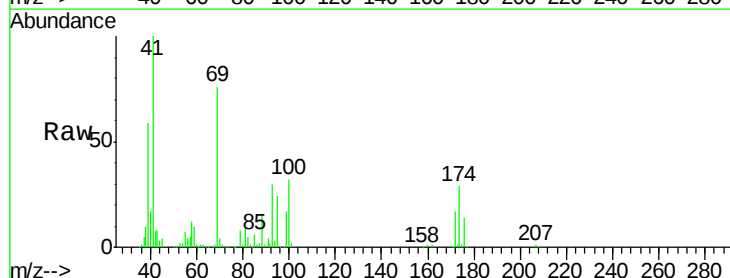
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

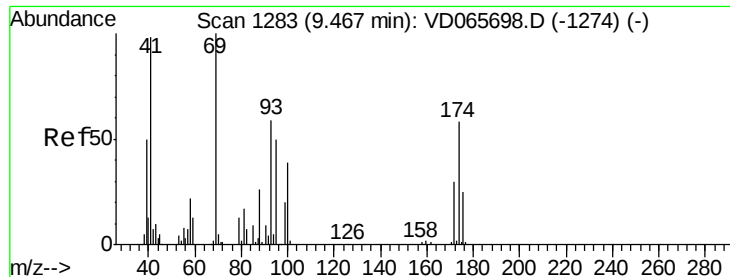
Tgt Ion: 83 Resp: 261728
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3
127 8.7 6.9 10.3



#48
Methyl methacrylate
Concen: 43.10 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

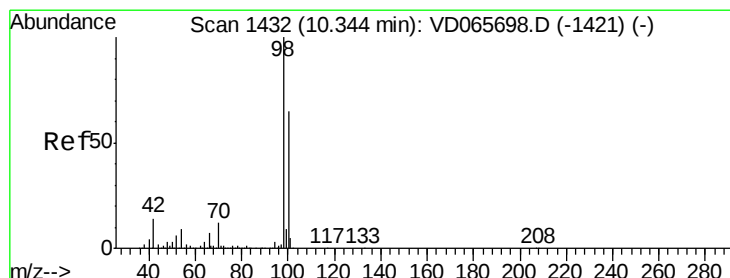
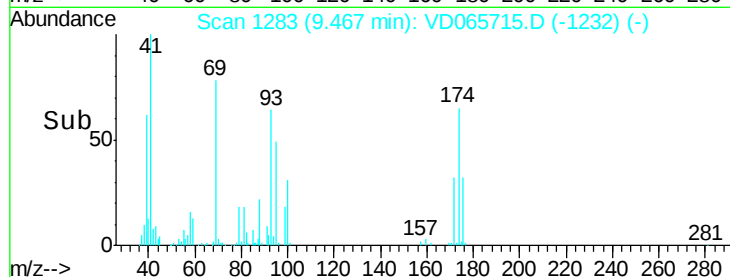
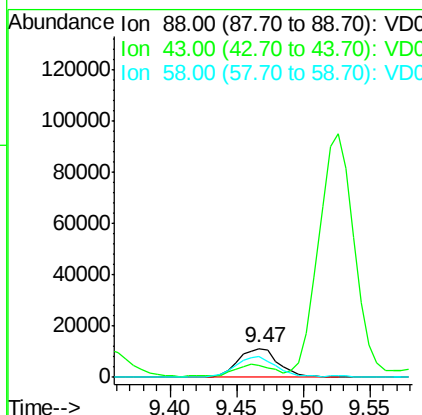
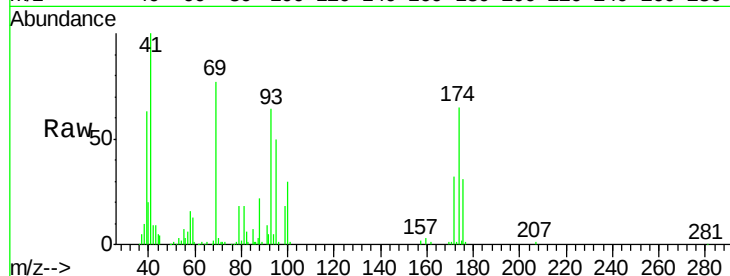




#49
1,4-Dioxane
Concen: 931.69 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

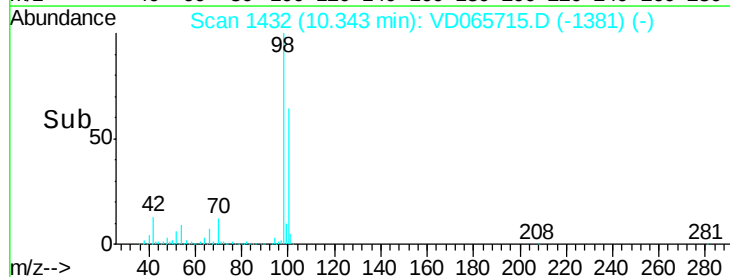
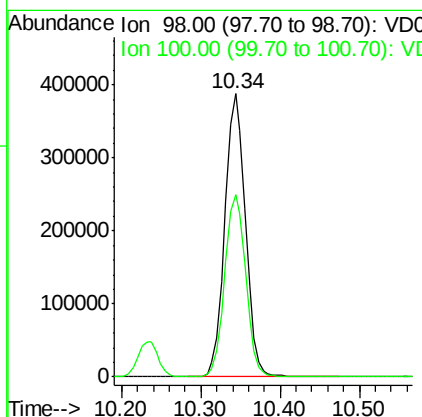
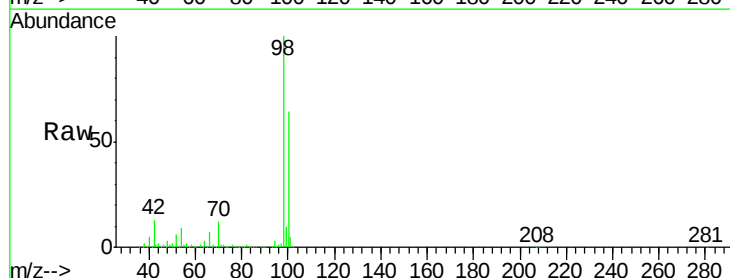
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

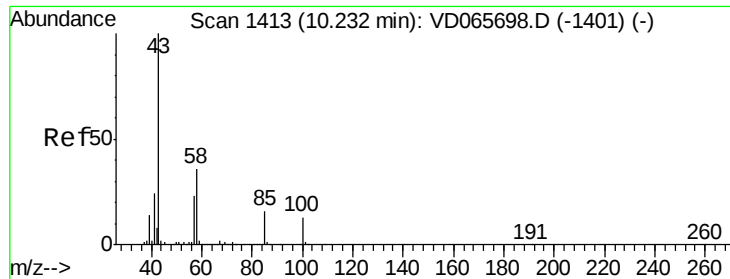
Tgt Ion: 88 Resp: 23579
Ion Ratio Lower Upper
88 100
43 37.3 31.6 47.4
58 72.3 60.2 90.4



#50
Toluene-d8
Concen: 49.42 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

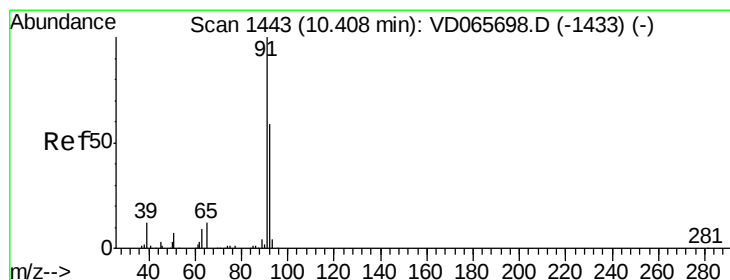
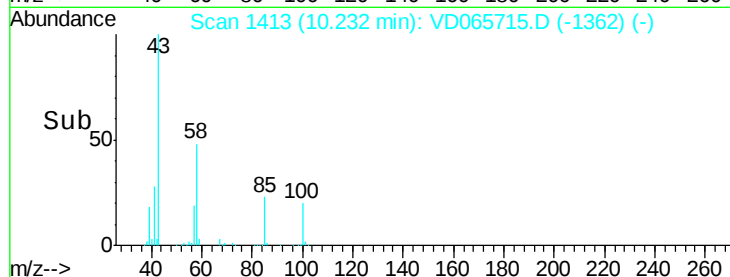
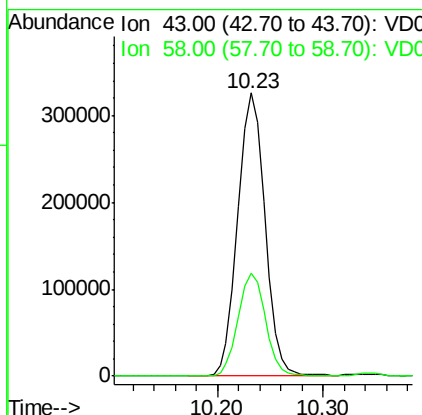
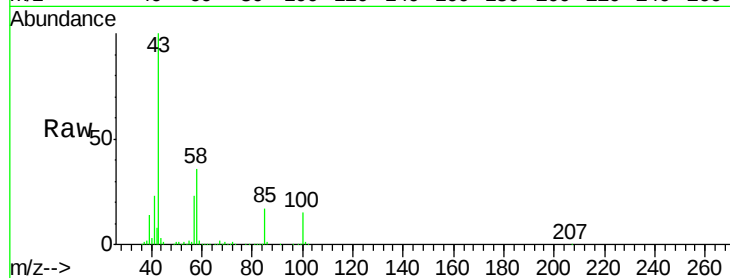




#51
 4-Methyl-2-Pentanone
 Concen: 216.19 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

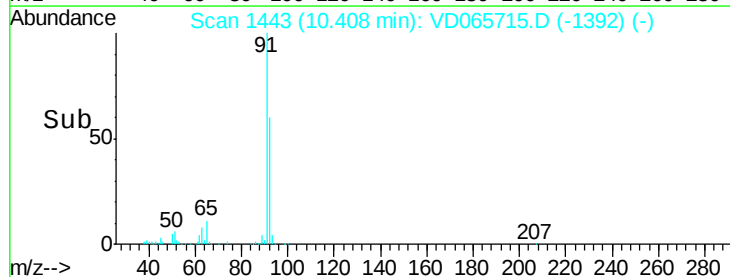
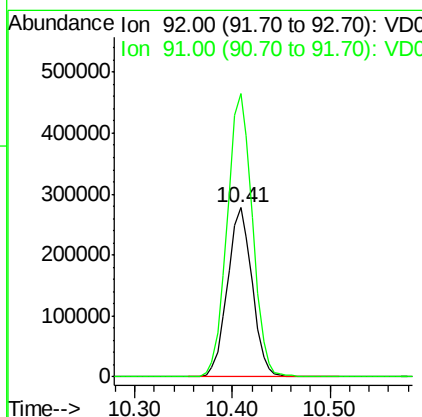
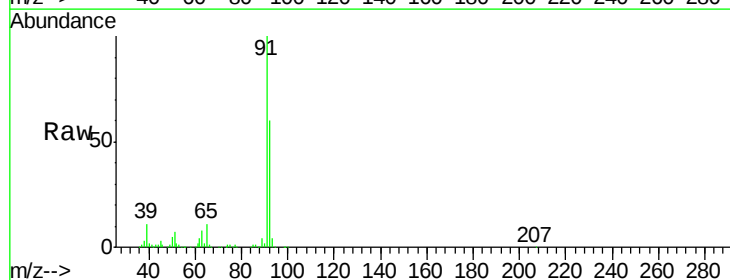
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

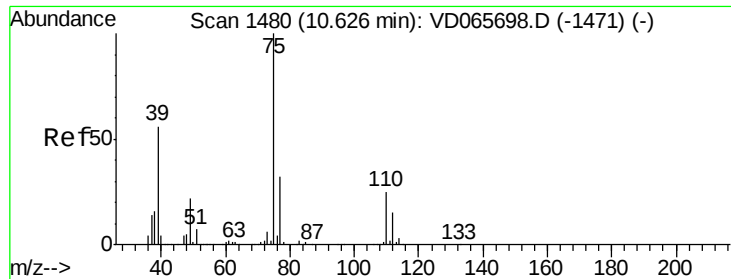
Tgt Ion: 43 Resp: 584668
 Ion Ratio Lower Upper
 43 100
 58 36.5 28.6 42.8



#52
 Toluene
 Concen: 48.46 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: 46.69 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 :

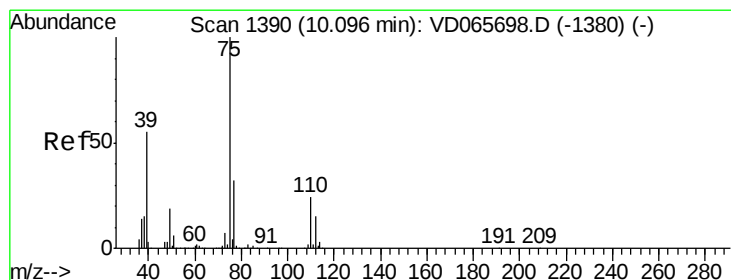
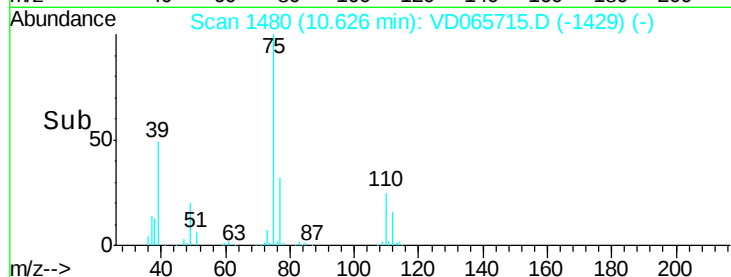
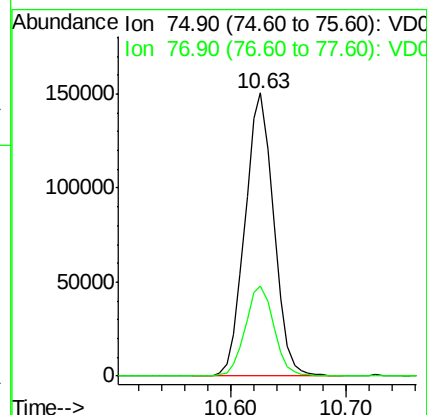
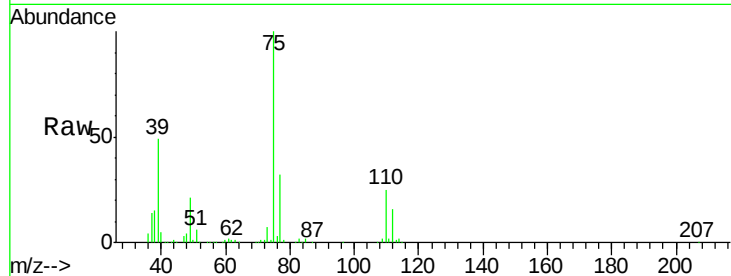
VSTDCCC050EC

Tgt Ion: 75 Resp: 261091

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 46.93 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

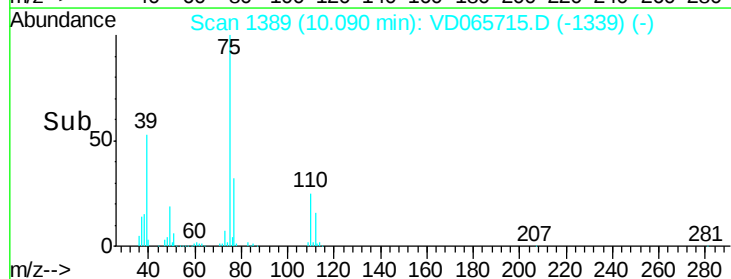
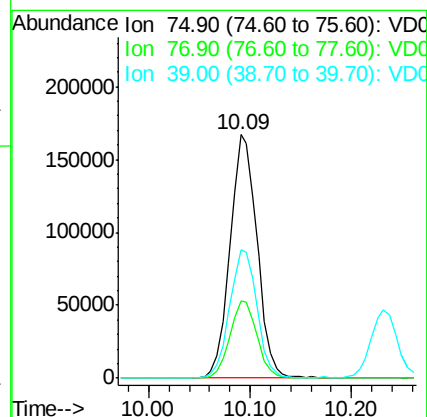
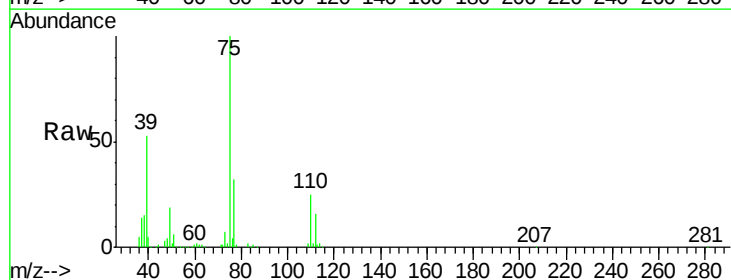
Tgt Ion: 75 Resp: 309201

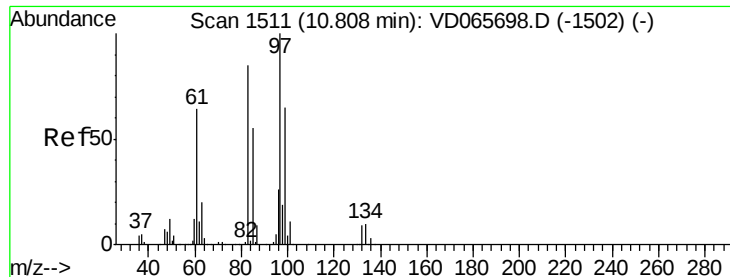
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8

39 52.8 44.4 66.6

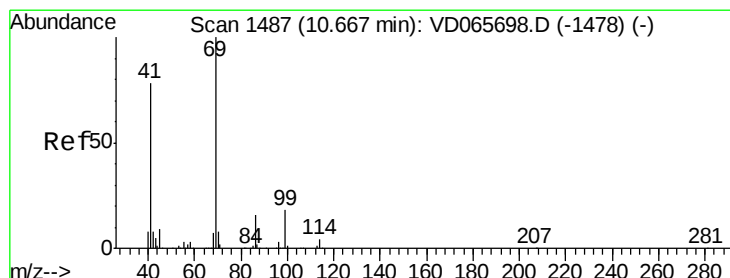
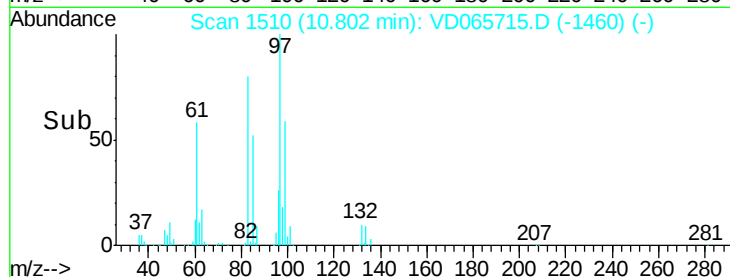
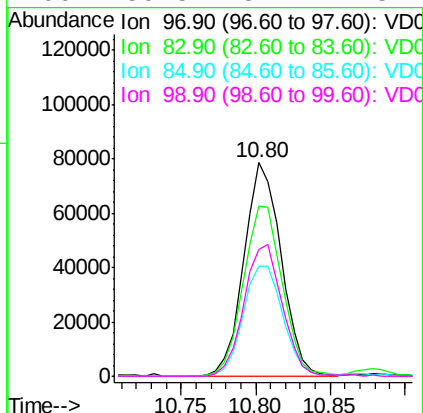
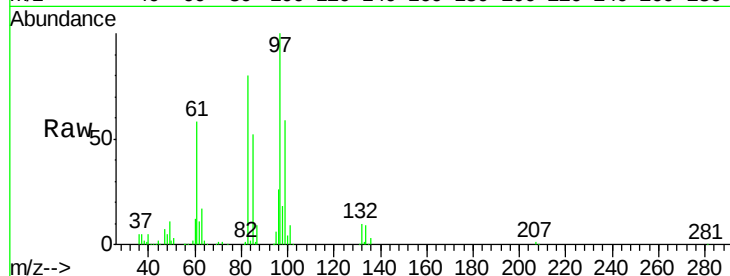




#55
 1,1,2-Trichloroethane
 Concen: 48.92 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

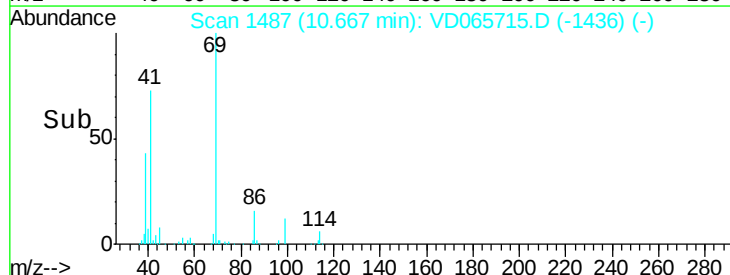
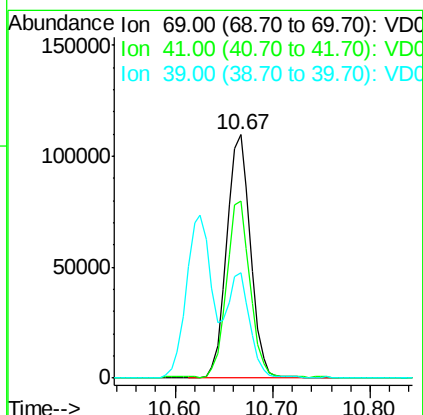
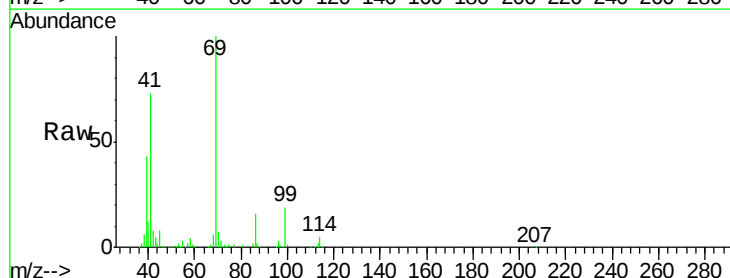
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

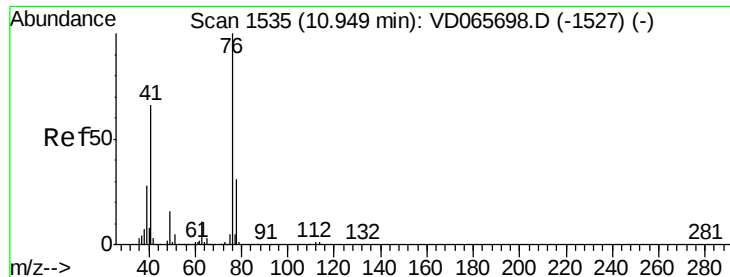
Tgt Ion:	97	Resp:	136158
Ion	Ratio	Lower	Upper
97	100		
83	79.9	68.2	102.4
85	51.9	43.6	65.4
99	59.5	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 46.23 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: 47.28 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 :

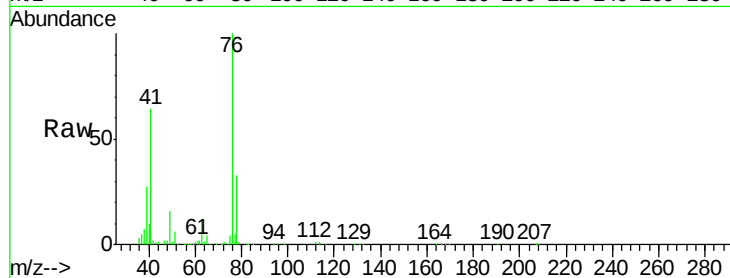
VSTDCCC050EC

Tgt Ion: 76 Resp: 236603

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

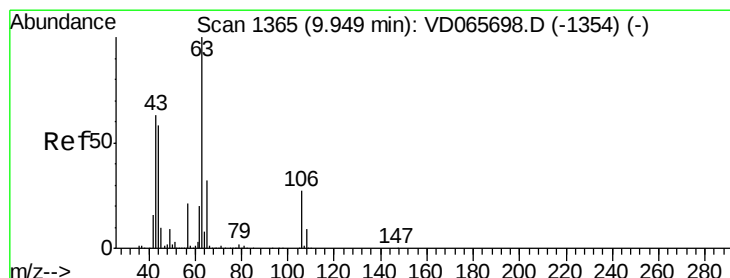
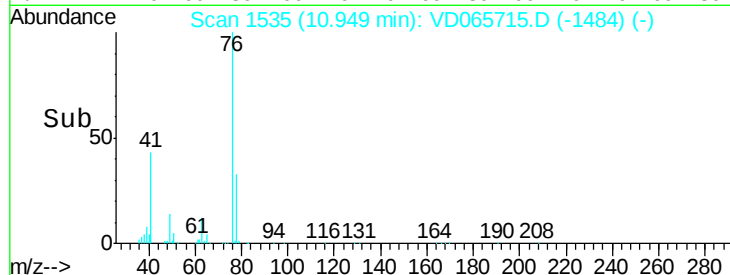
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 233.29 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065715.D

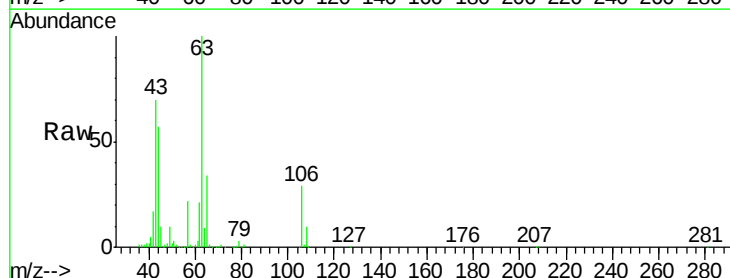
Acq: 07 May 2020 17:05

Tgt Ion: 63 Resp: 430403

Ion Ratio Lower Upper

63 100

106 29.4 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

250000

200000

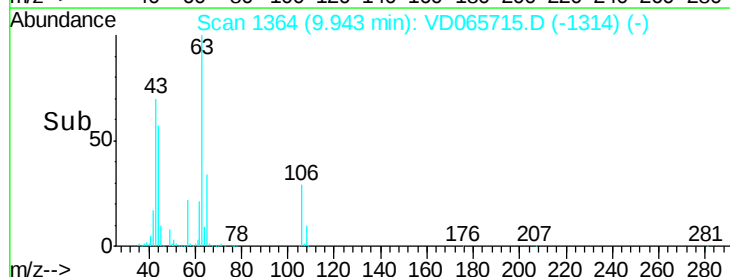
150000

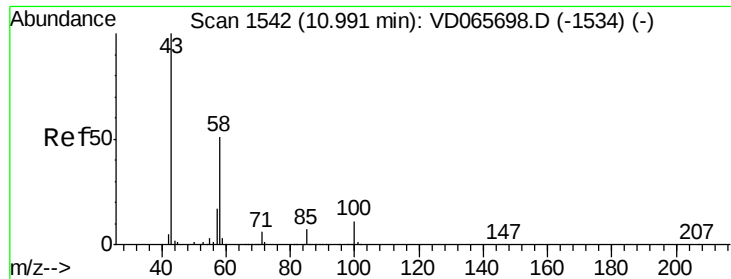
100000

50000

0

Time-->

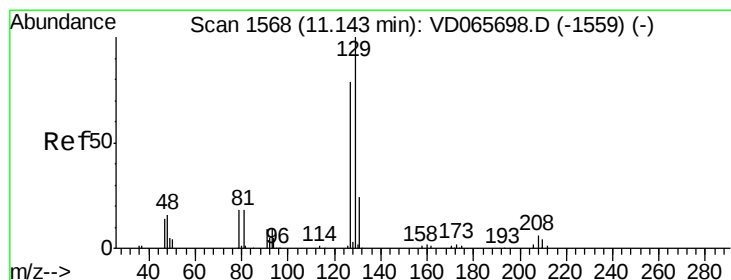
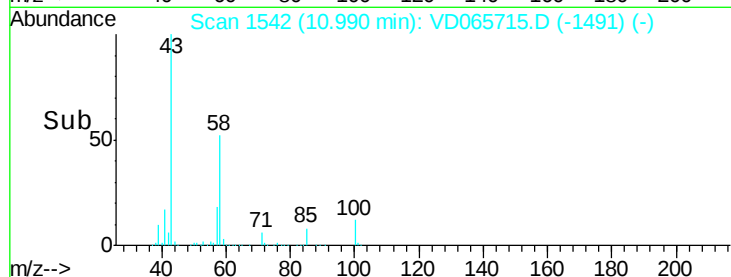
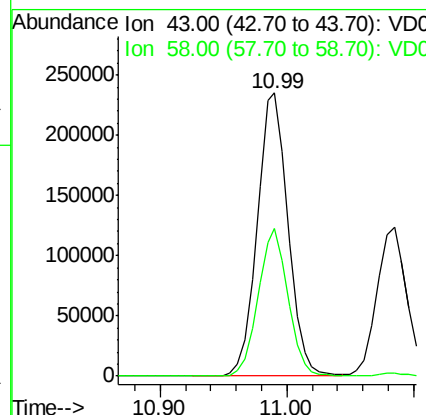
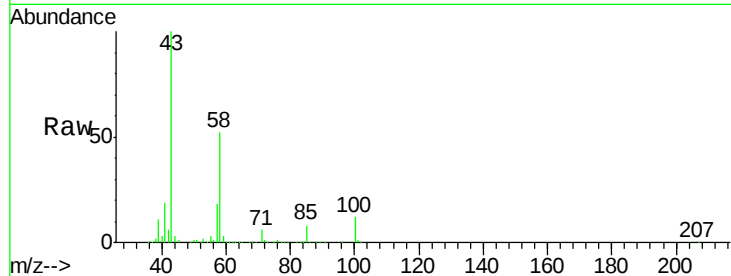




#59
2-Hexanone
Concen: 213.20 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

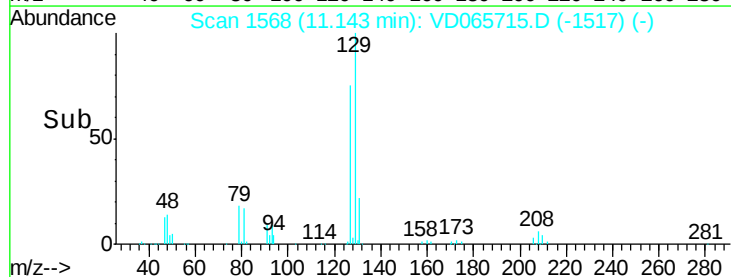
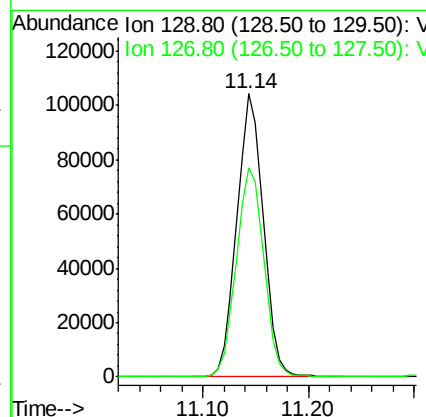
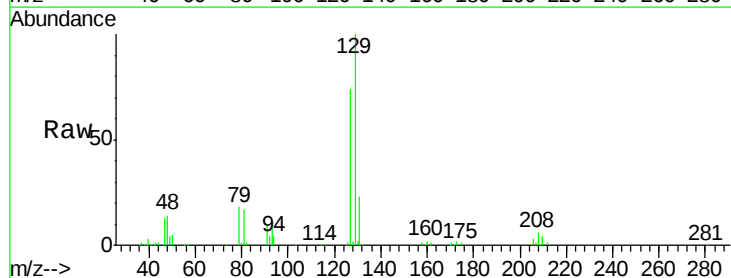
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

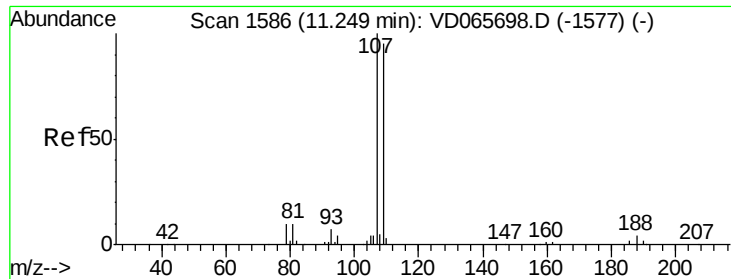
Tgt Ion: 43 Resp: 396570
Ion Ratio Lower Upper
43 100
58 50.8 25.4 76.0



#60
Dibromochloromethane
Concen: 48.41 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

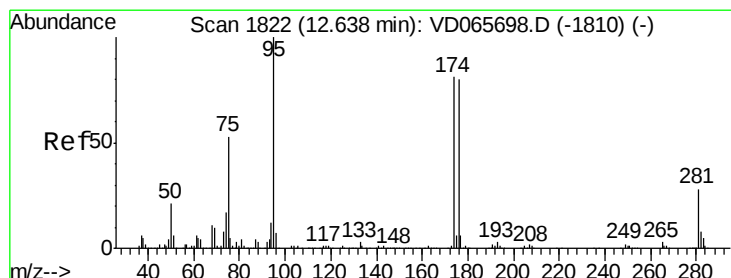
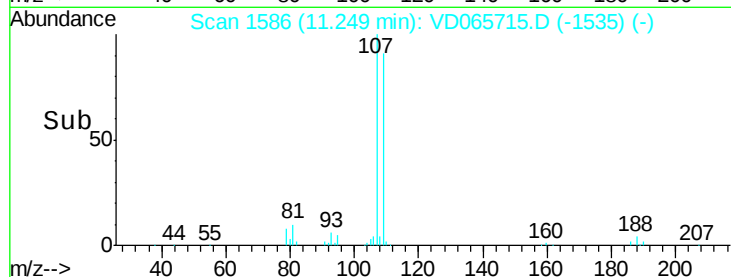
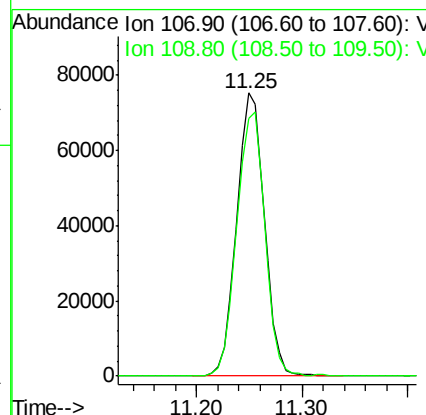
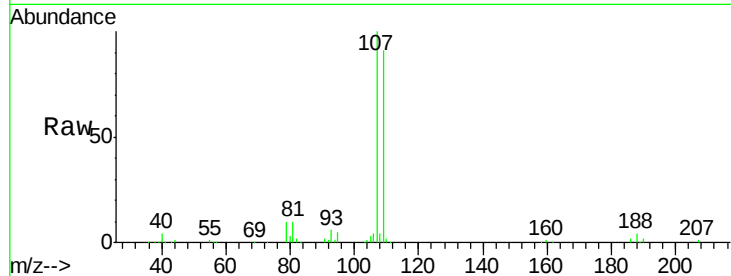




#61
 1,2-Dibromoethane
 Concen: 48.73 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

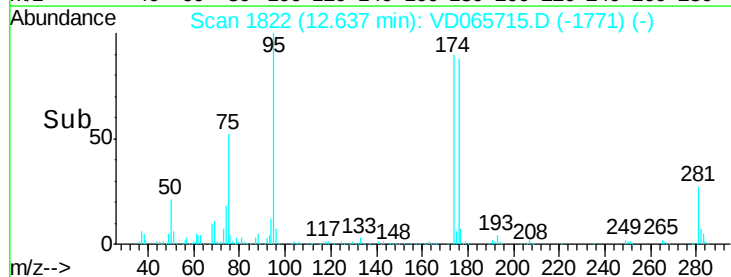
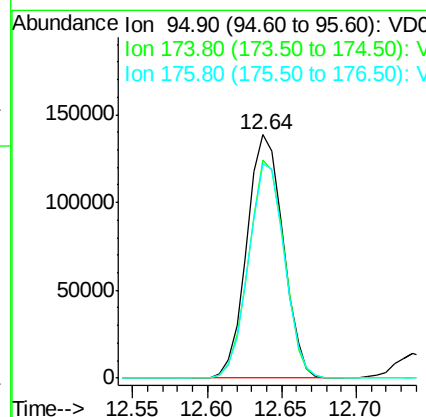
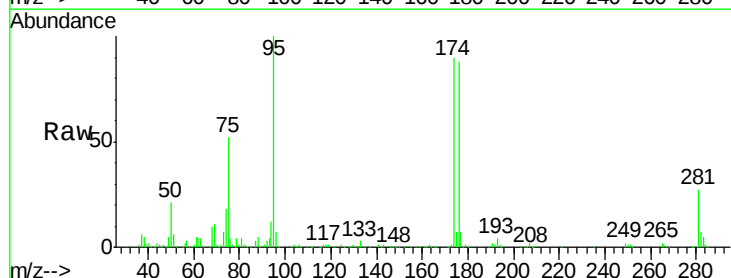
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

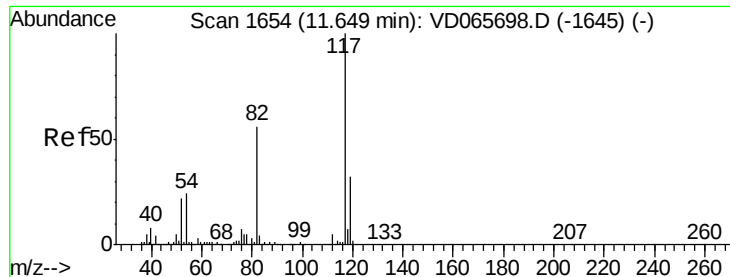
Tgt Ion: 107 Resp: 136453
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 46.66 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

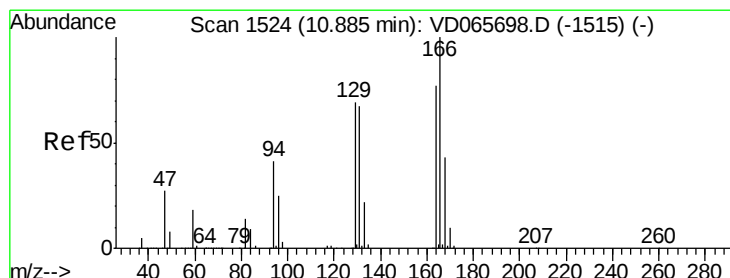
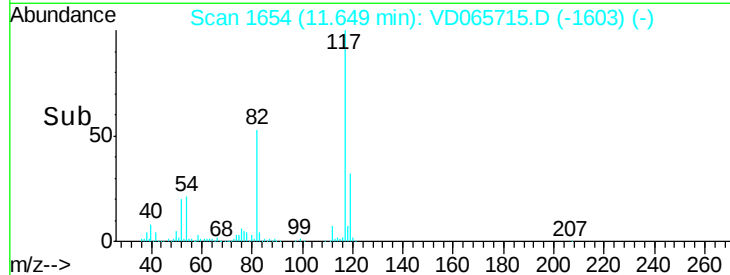
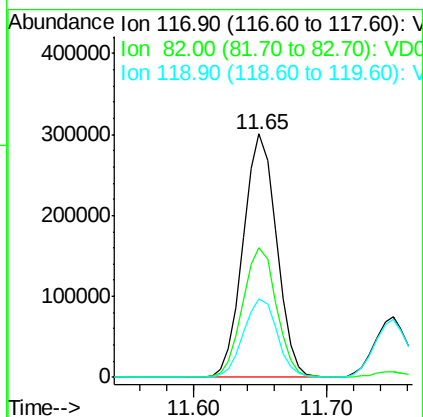
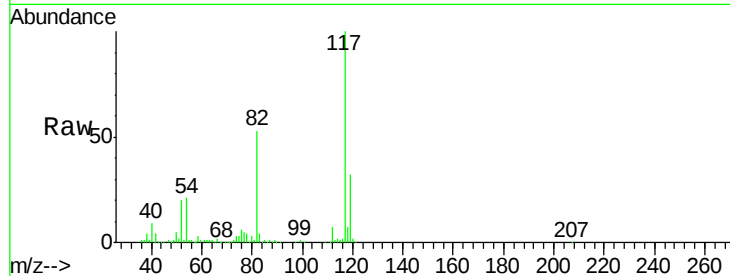




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

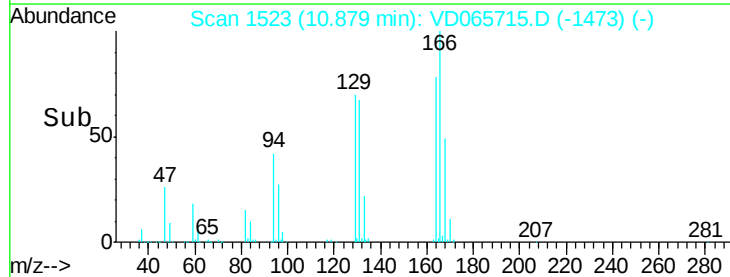
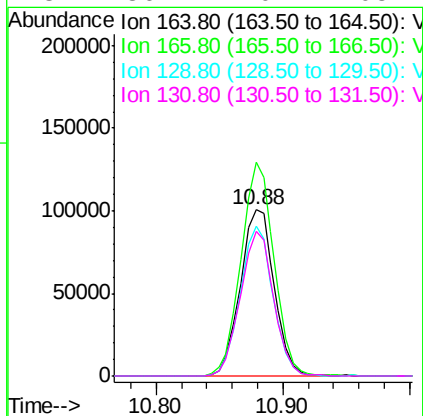
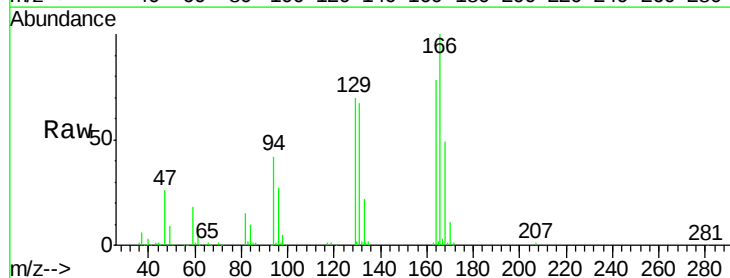
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

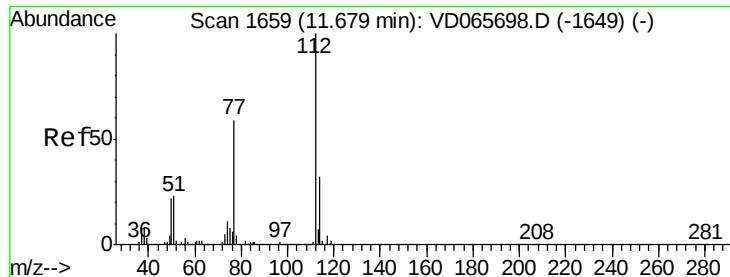
Tgt Ion:117 Resp: 520638
Ion Ratio Lower Upper
117 100
82 53.4 44.9 67.3
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 50.22 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: 48.55 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 :

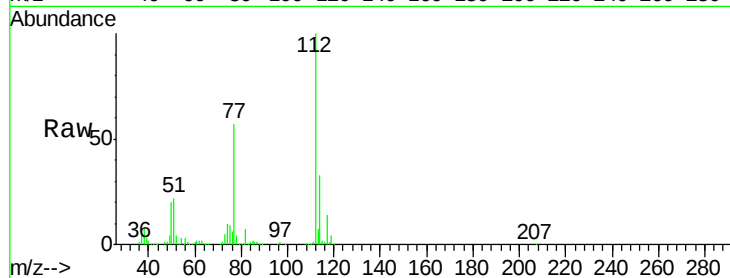
VSTDCCC050EC

Tgt Ion:112 Resp: 509257

Ion Ratio Lower Upper

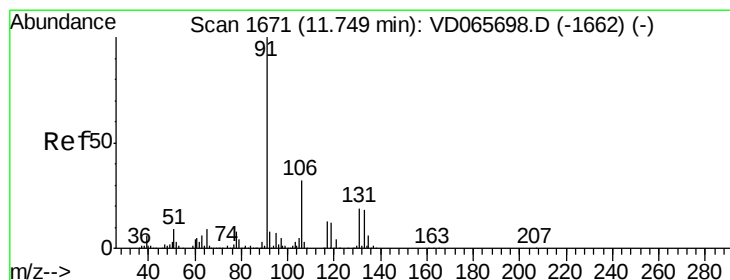
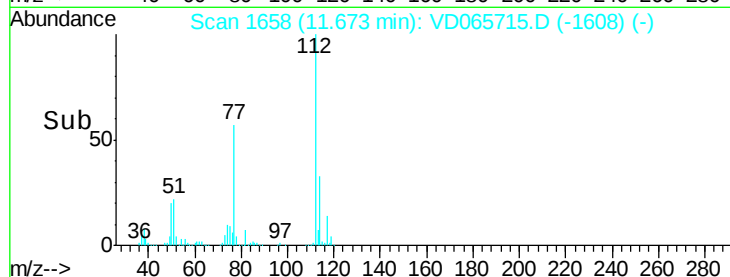
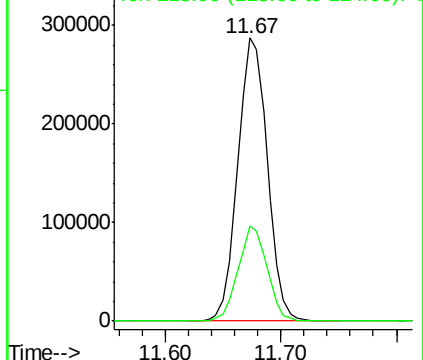
112 100

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: 48.06 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

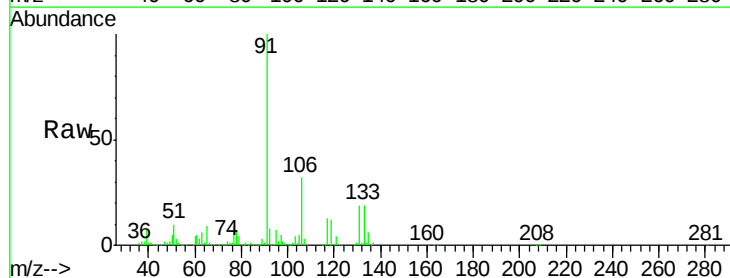
Tgt Ion:131 Resp: 187954

Ion Ratio Lower Upper

131 100

133 97.5 47.3 141.8

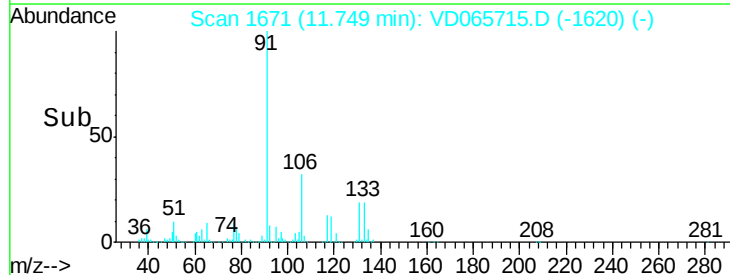
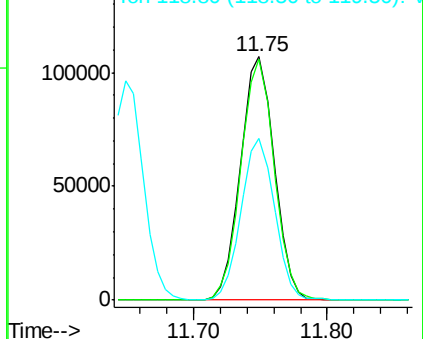
119 65.7 31.8 95.4

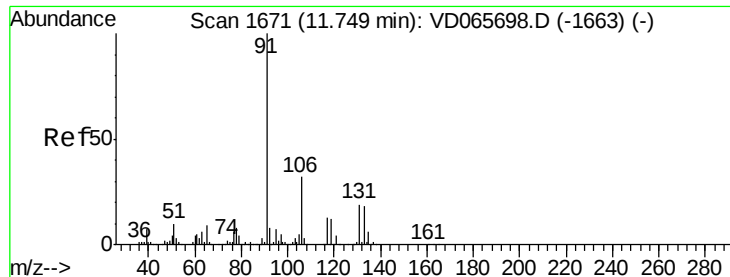


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

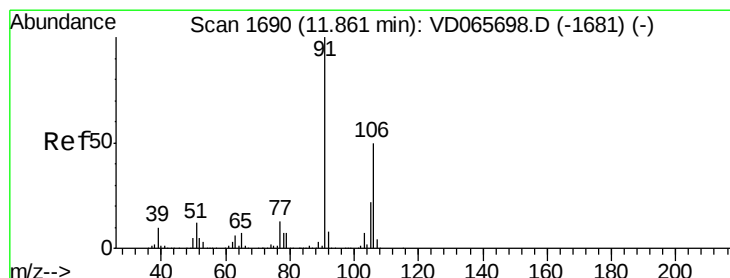
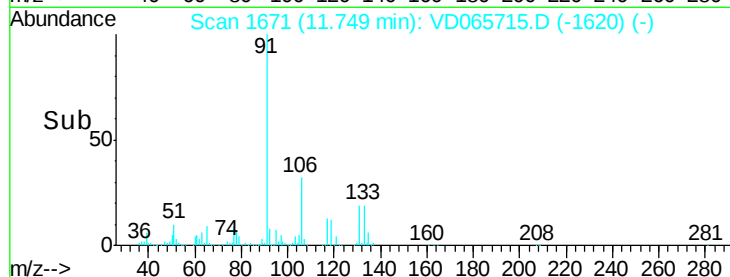
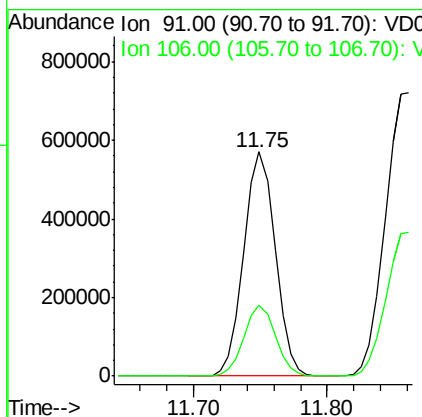
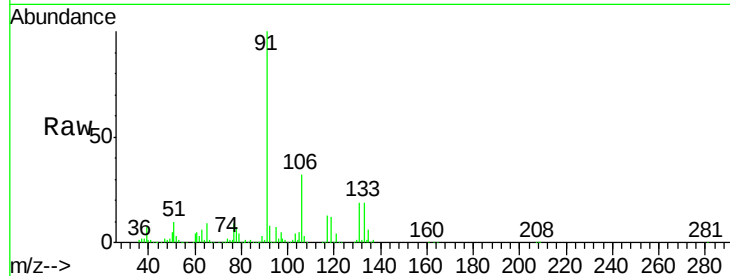




#67
Ethyl Benzene
Concen: 47.70 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

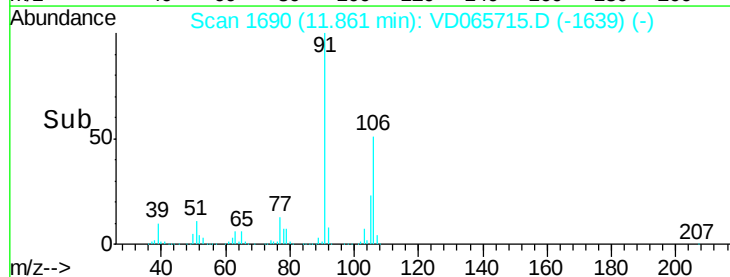
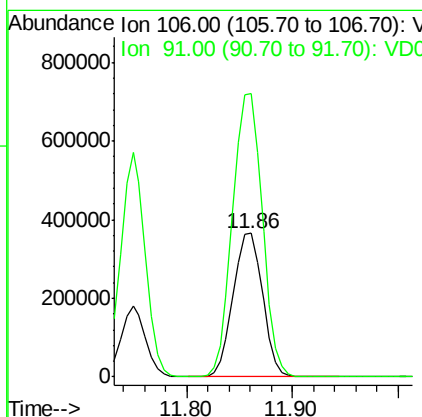
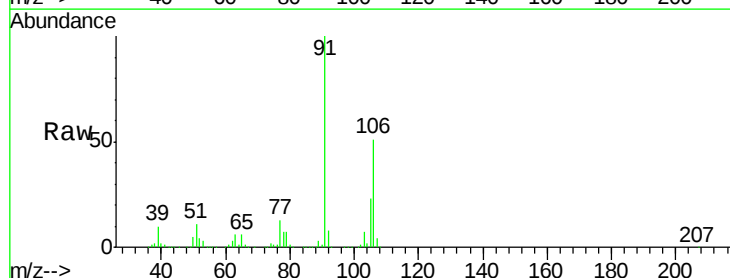
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

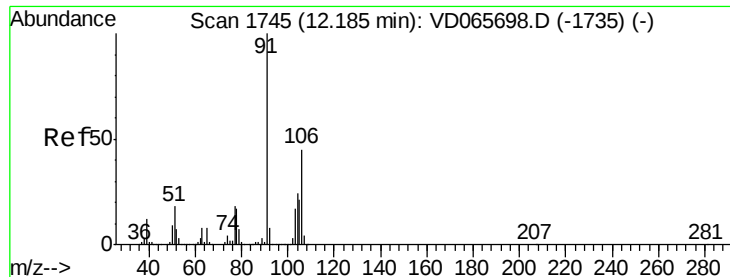
Tgt Ion: 91 Resp: 933469
Ion Ratio Lower Upper
91 100
106 31.8 25.2 37.8



#68
m/p-Xylenes
Concen: 97.12 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

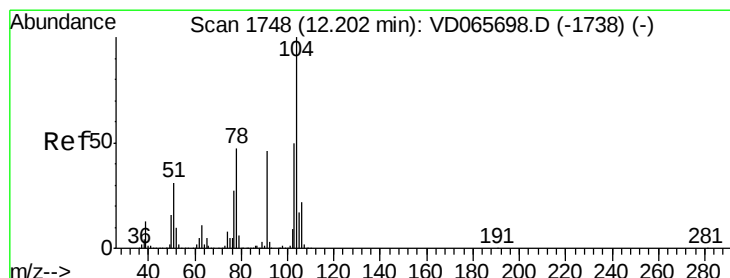
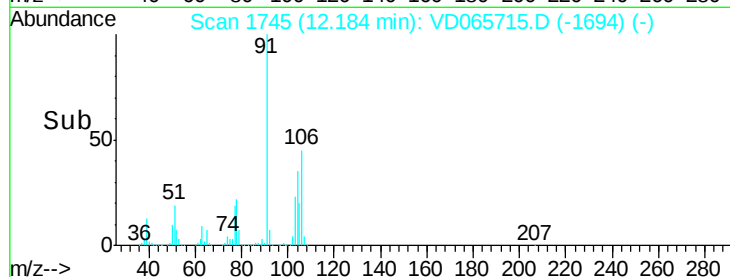
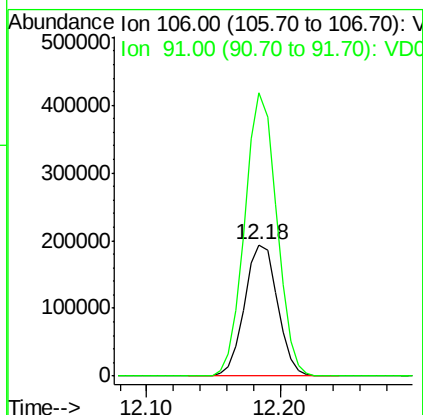
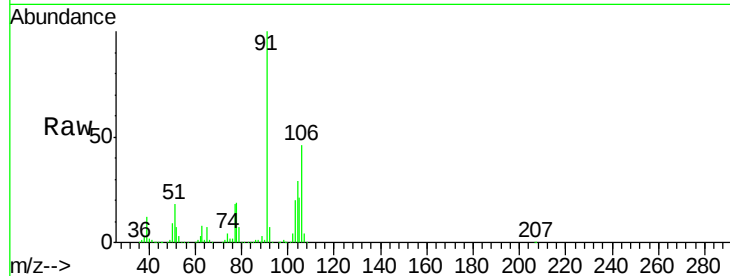




#69
o-Xylene
Concen: 48.39 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

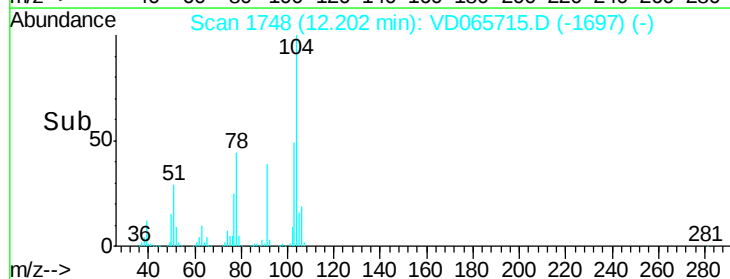
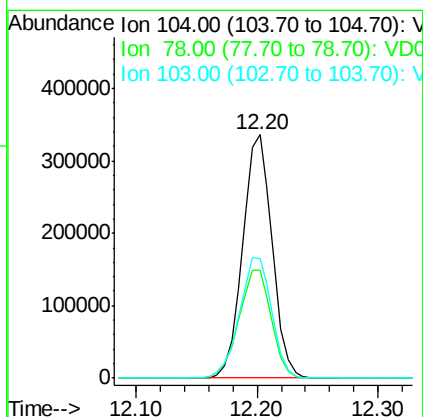
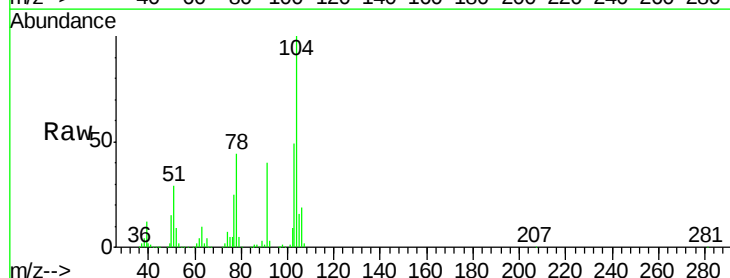
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

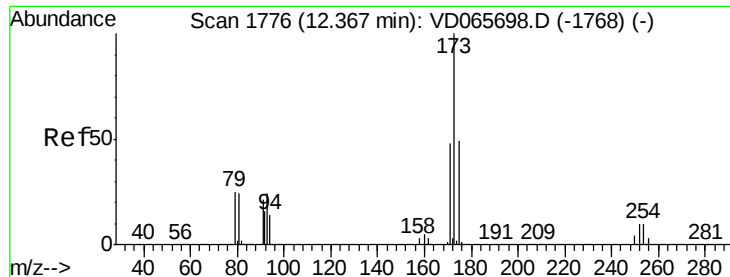
Tgt Ion:106 Resp: 329410
Ion Ratio Lower Upper
106 100
91 210.2 107.9 323.7



#70
Styrene
Concen: 48.63 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: 49.38 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

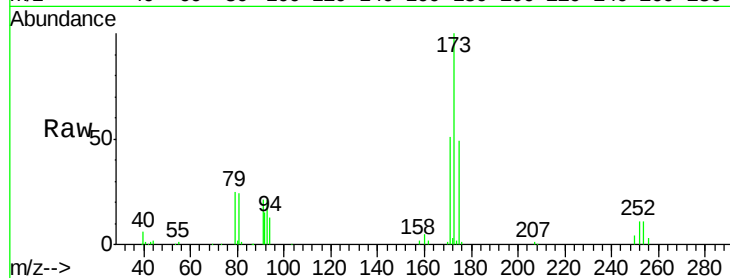
Tgt Ion:173 Resp: 108660

Ion Ratio Lower Upper

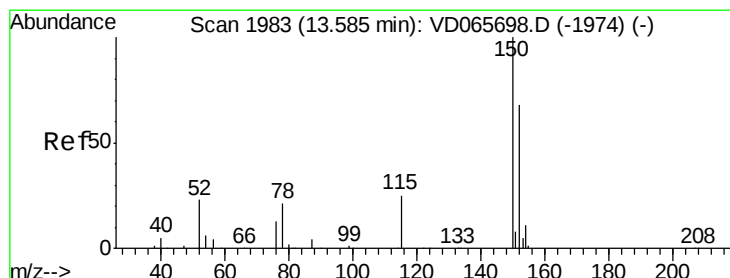
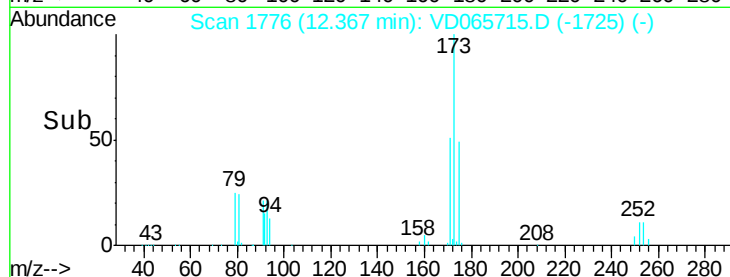
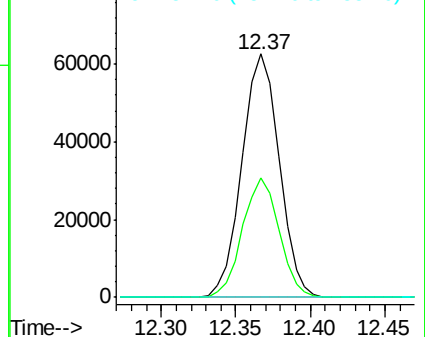
173 100

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: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

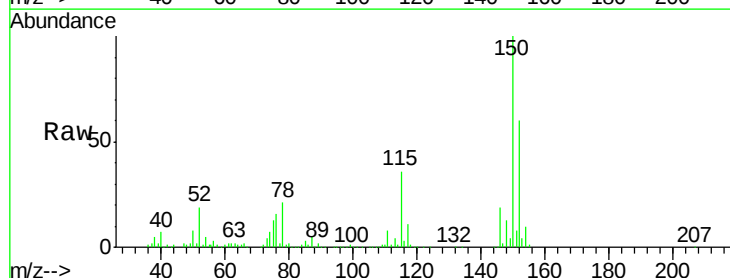
Tgt Ion:152 Resp: 251656

Ion Ratio Lower Upper

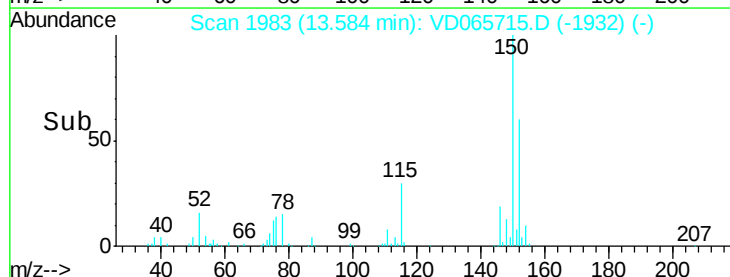
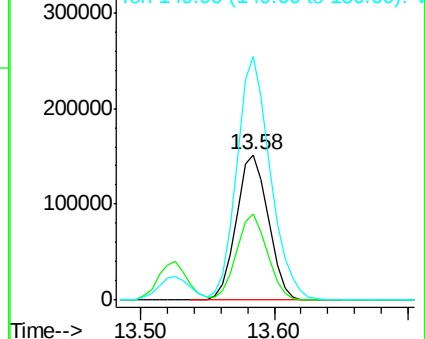
152 100

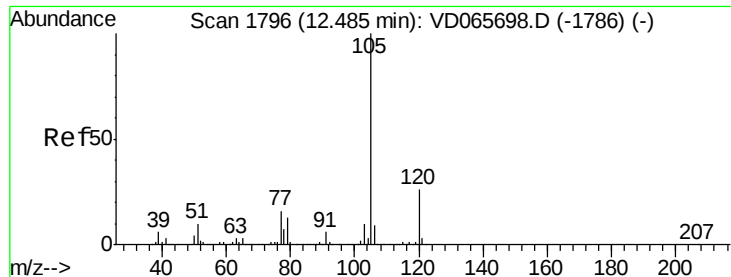
115 57.4 29.5 88.5

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: 47.07 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 :

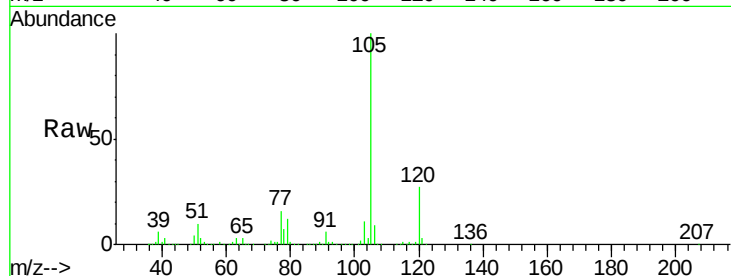
VSTDCCC050EC

Tgt Ion: 105 Resp: 897520

Ion Ratio Lower Upper

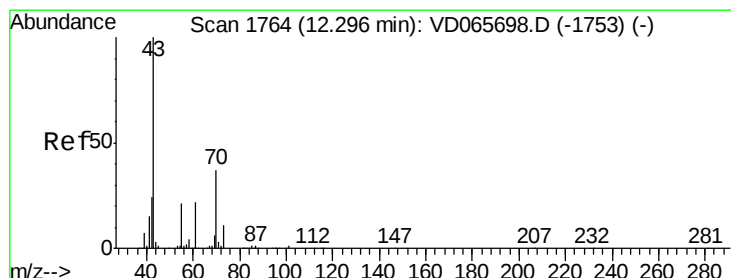
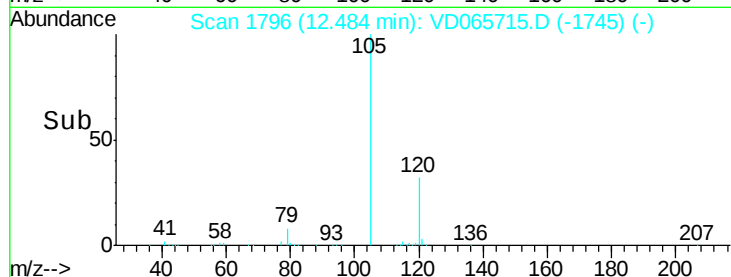
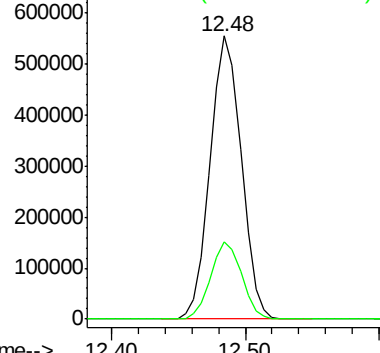
105 100

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: 41.10 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

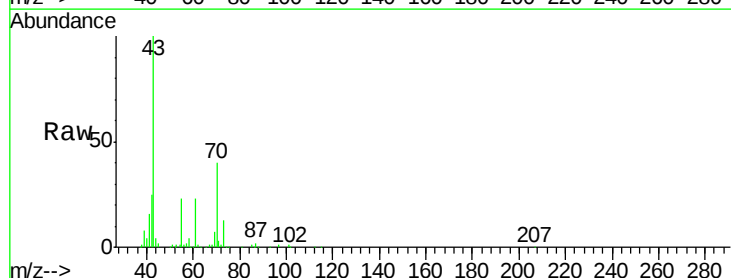
Ion Ratio Lower Upper

43 100

70 39.8 29.3 43.9

55 22.4 16.4 24.6

61 23.5 18.0 27.0

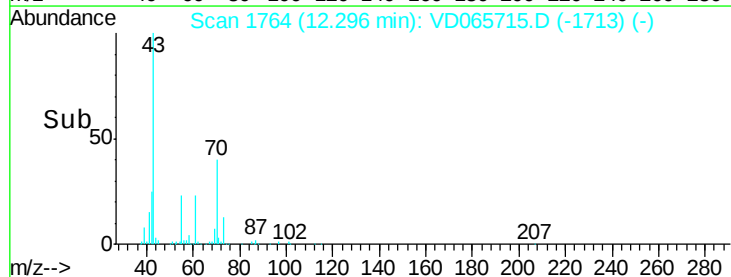
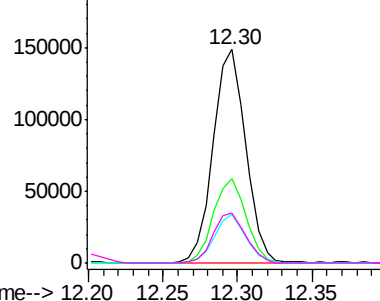


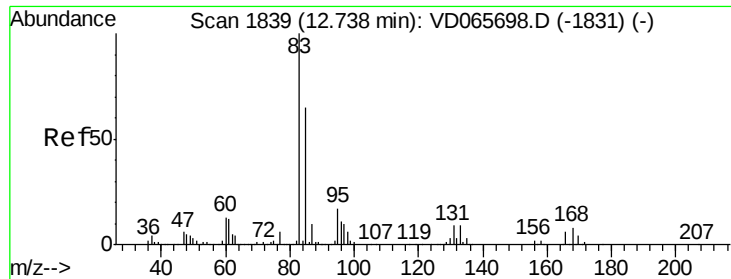
Abundance Ion 43.00 (42.70 to 43.70): V

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: 44.79 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

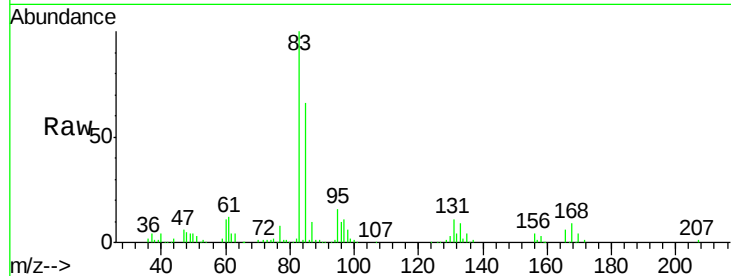
Tgt Ion: 83 Resp: 143199

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

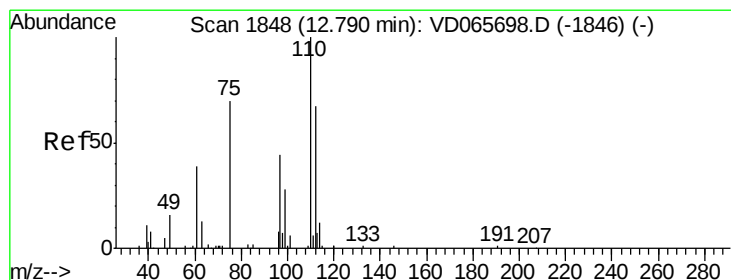
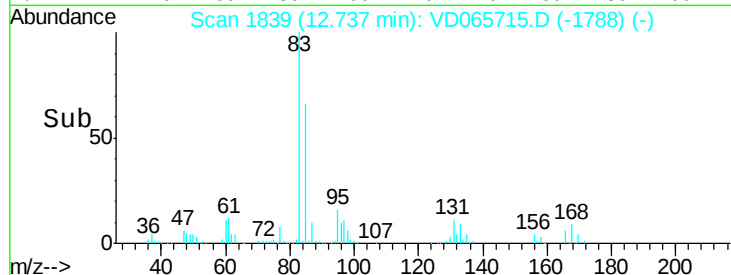
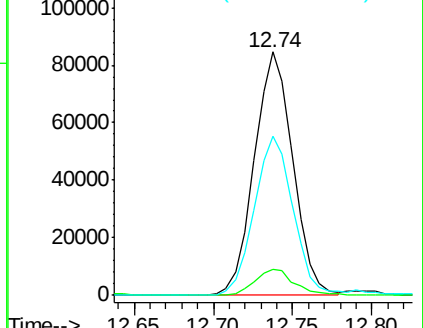
85 65.8 31.9 95.9



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: 92.73 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065715.D

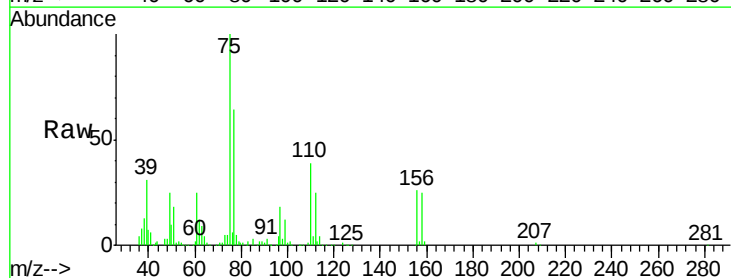
Acq: 07 May 2020 17:05

Tgt Ion: 75 Resp: 197090

Ion Ratio Lower Upper

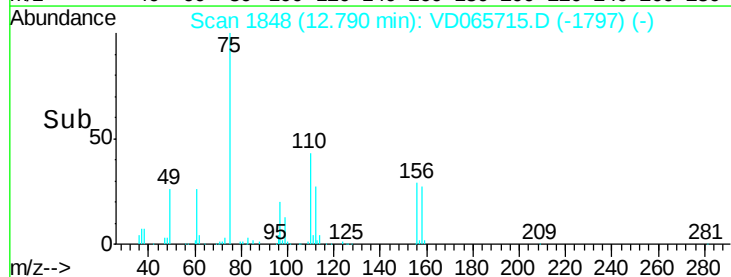
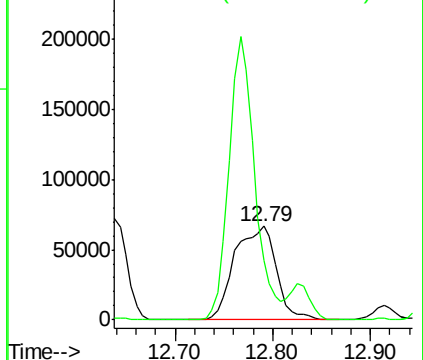
75 100

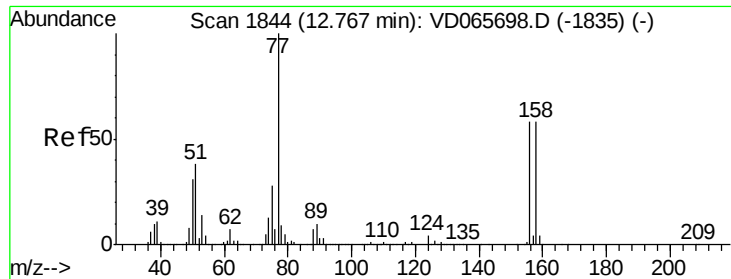
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

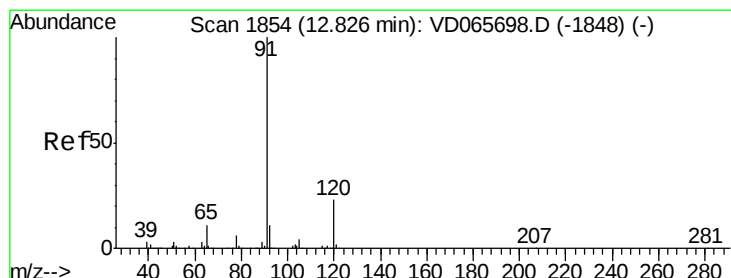
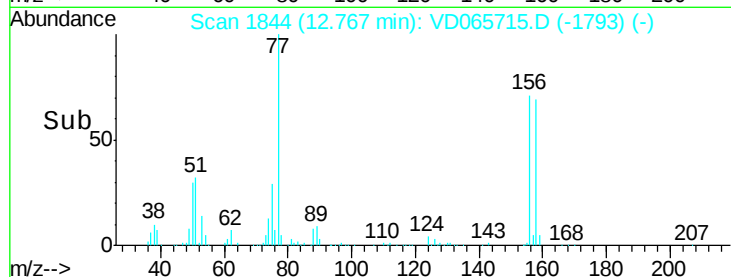
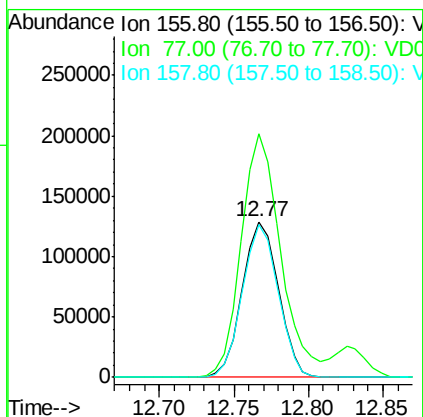
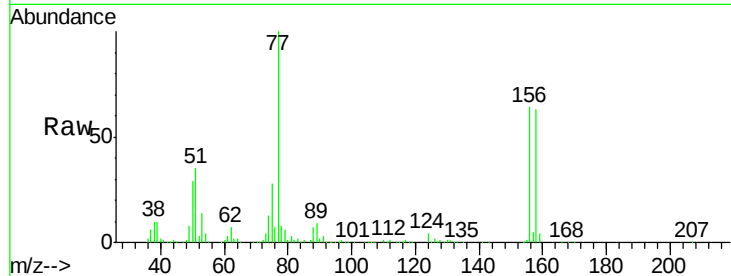




#77
Bromobenzene
Concen: 49.73 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

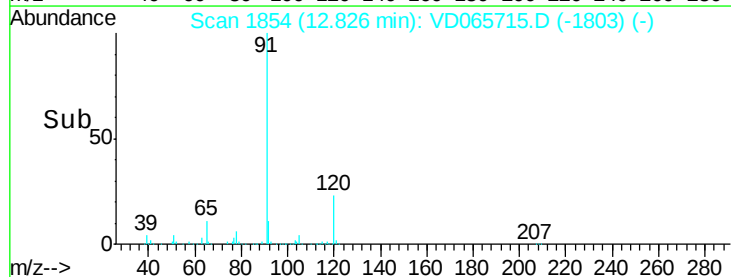
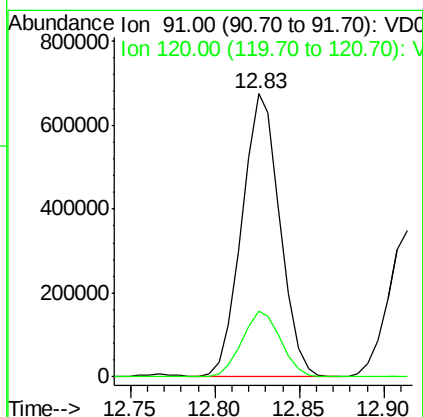
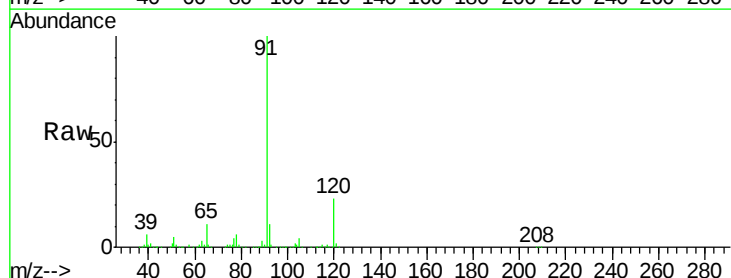
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

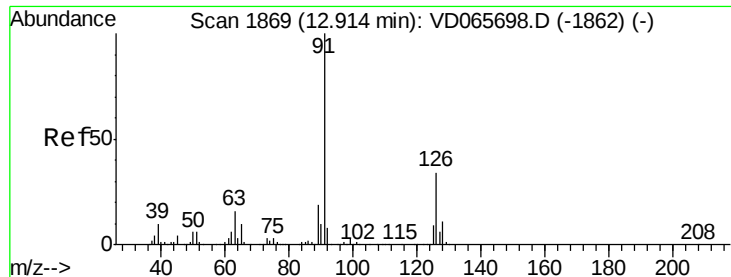
Tgt Ion:156 Resp: 217429
Ion Ratio Lower Upper
156 100
77 170.3 92.9 278.7
158 96.7 48.9 146.7



#78
n-propylbenzene
Concen: 46.83 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

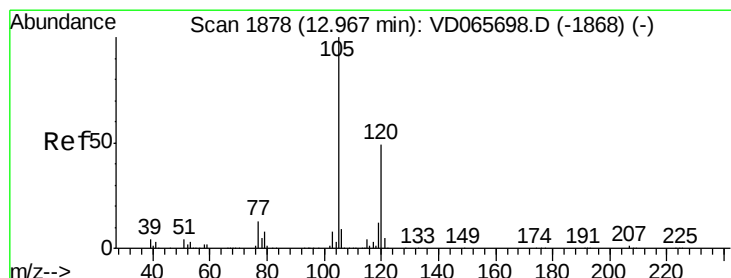
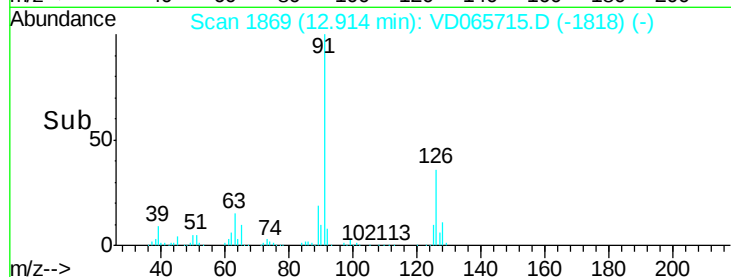
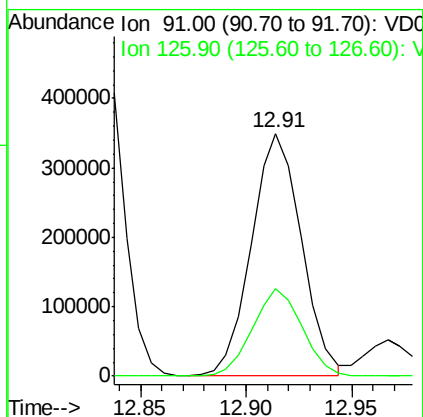
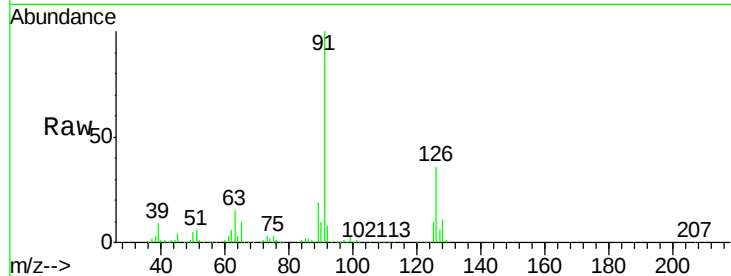




#79
 2-Chlorotoluene
 Concen: 45.16 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

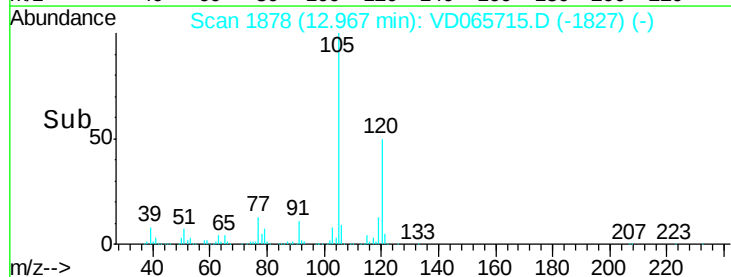
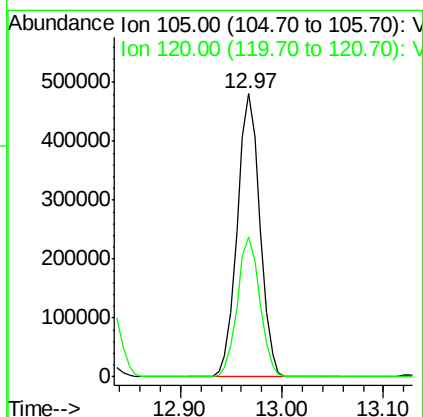
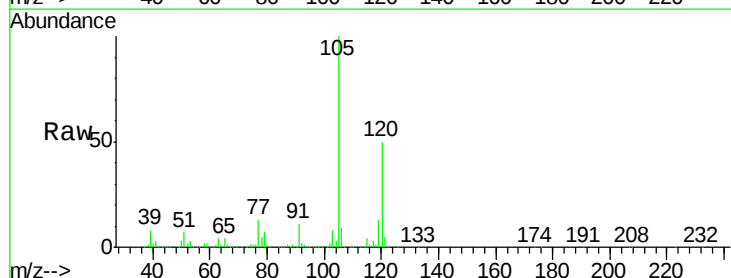
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

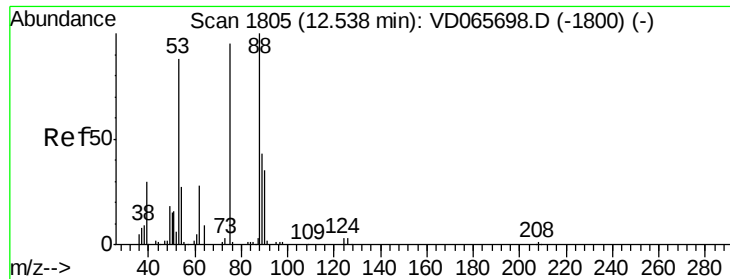
Tgt Ion: 91 Resp: 572861
 Ion Ratio Lower Upper
 91 100
 126 36.1 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 47.62 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





#81

trans-1,4-Dichloro-2-butene

Concen: 44.70 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

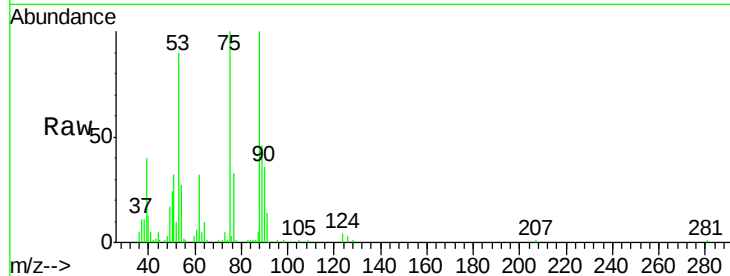
Tgt Ion: 75 Resp: 53675

Ion Ratio Lower Upper

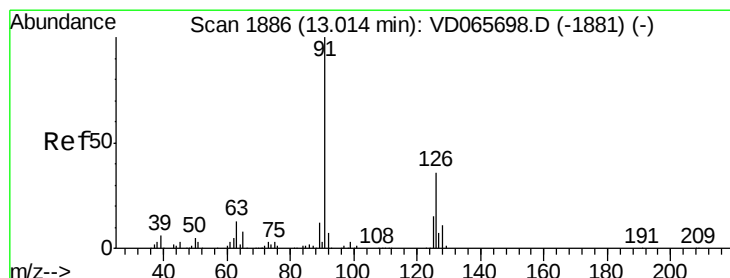
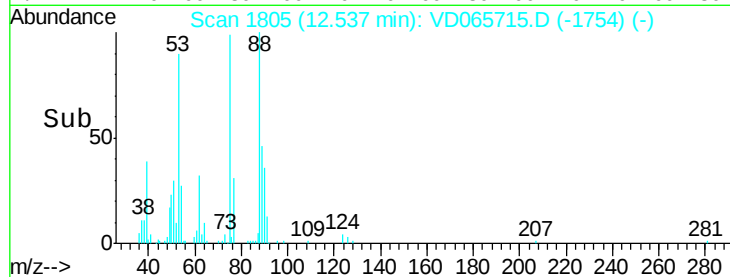
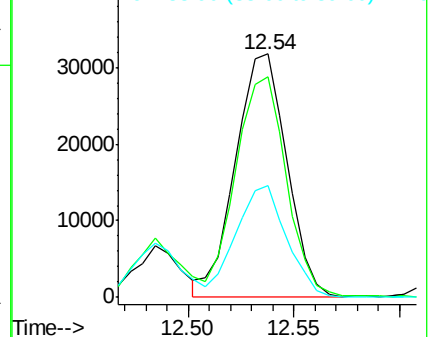
75 100

53 89.5 75.8 113.8

89 45.1 36.2 54.2



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



#82

4-Chlorotoluene

Concen: 45.86 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065715.D

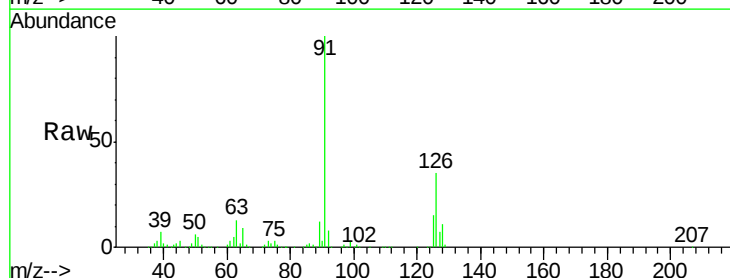
Acq: 07 May 2020 17:05

Tgt Ion: 91 Resp: 608753

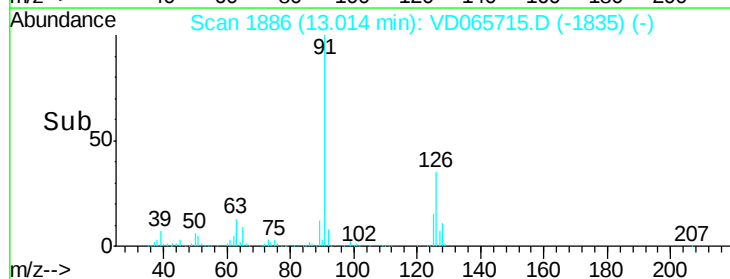
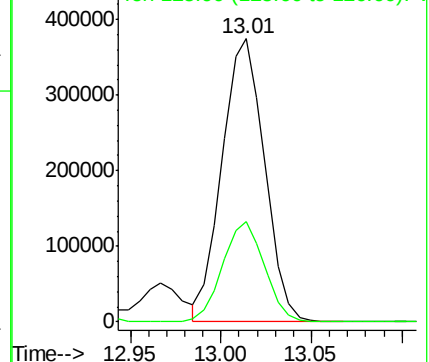
Ion Ratio Lower Upper

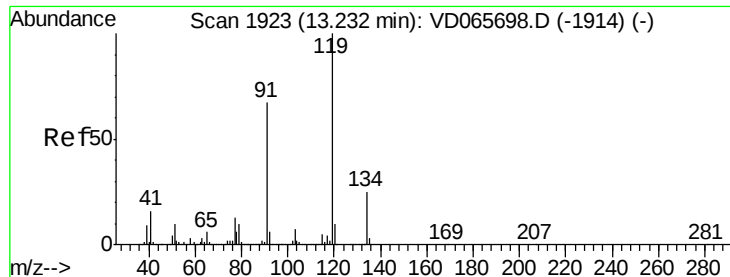
91 100

126 35.0 17.1 51.3



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

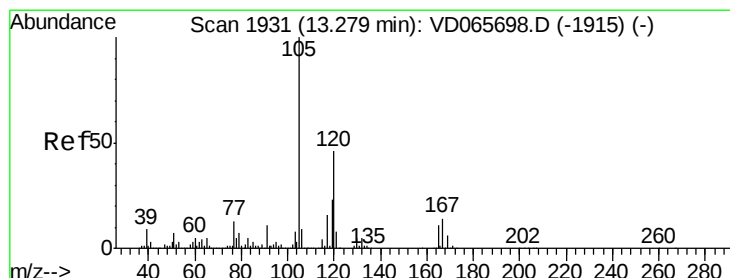
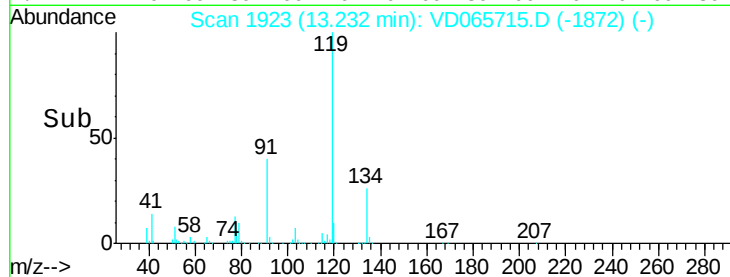
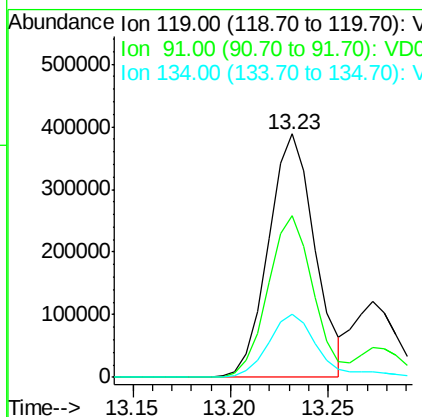
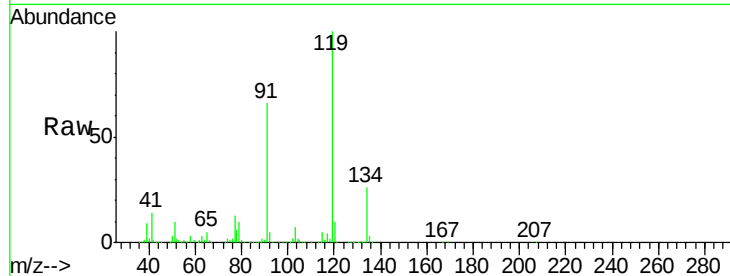




#83
 tert-Butylbenzene
 Concen: 47.82 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

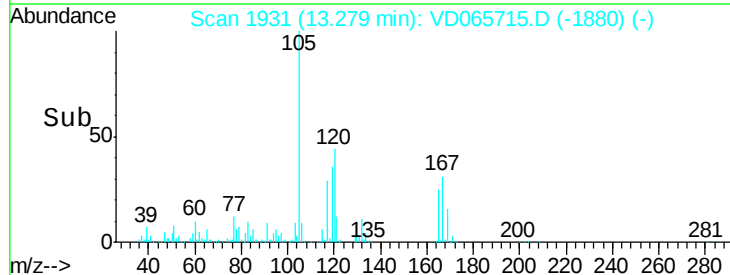
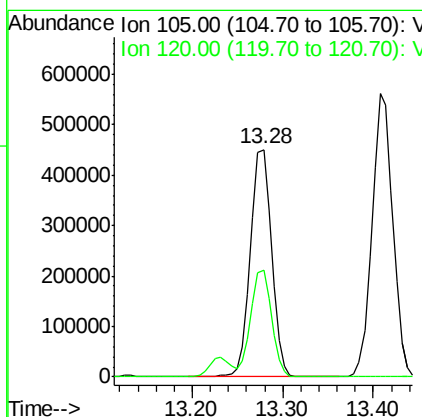
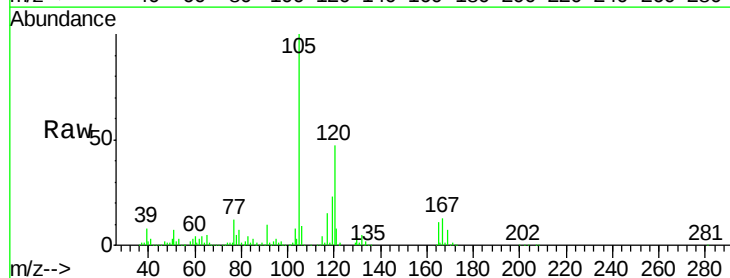
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

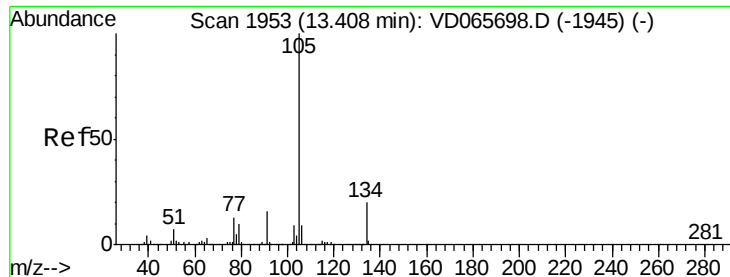
Tgt Ion:119 Resp: 637185
 Ion Ratio Lower Upper
 119 100
 91 66.0 33.6 100.8
 134 27.8 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.04 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

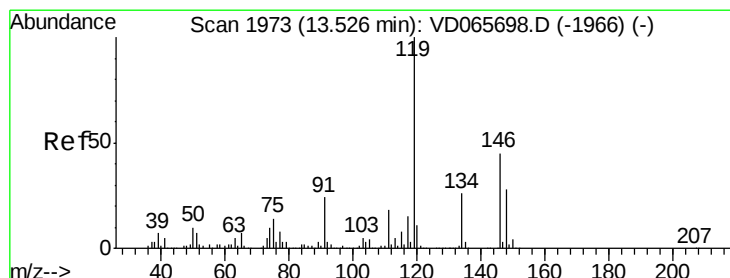
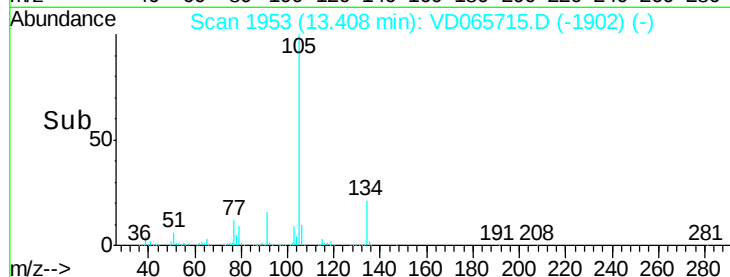
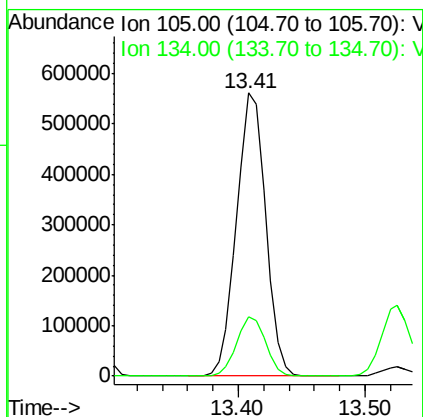
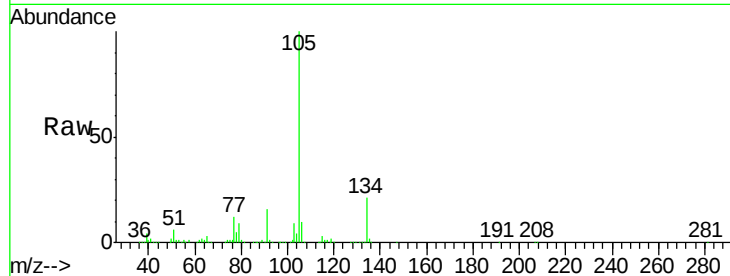




#85
 sec-Butylbenzene
 Concen: 47.73 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

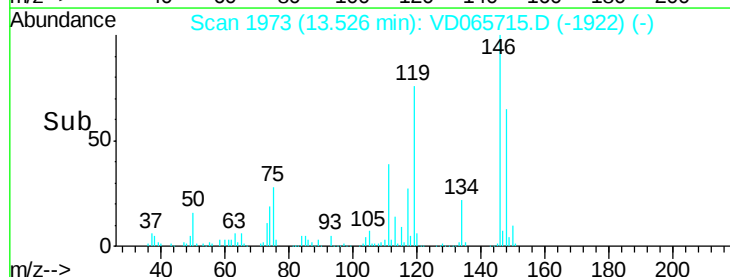
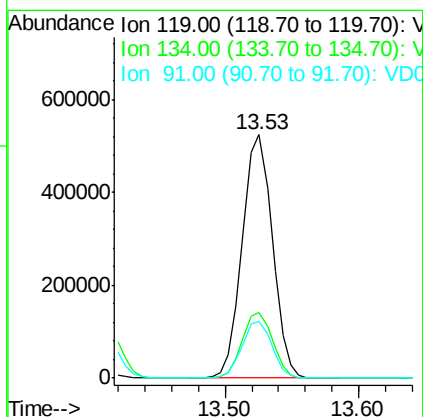
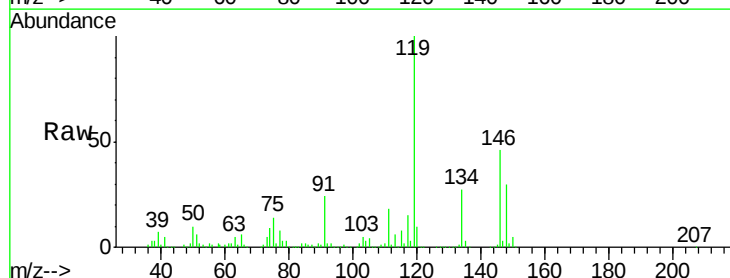
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

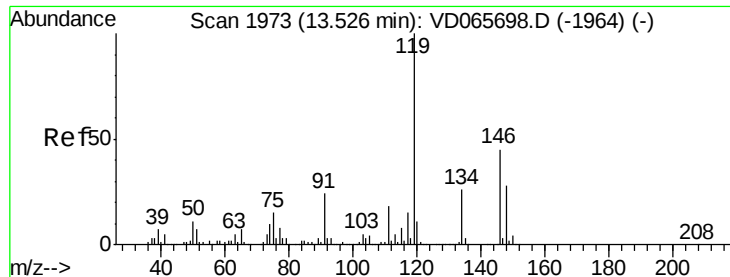
Tgt Ion:105 Resp: 892186
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 48.09 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

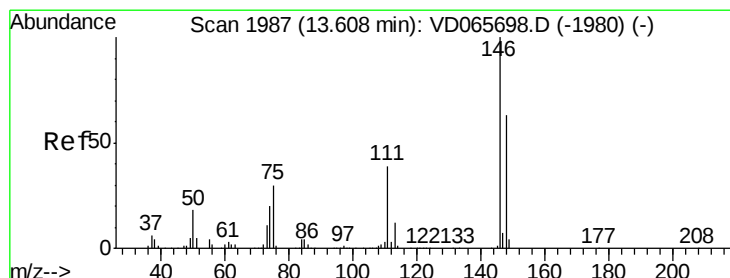
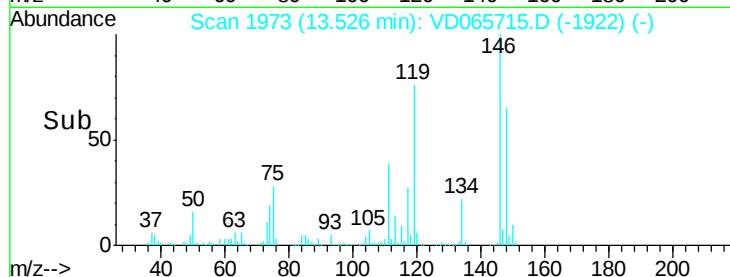
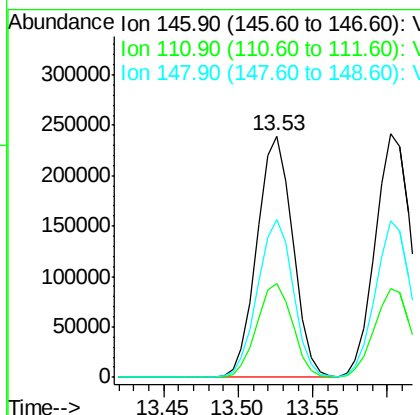
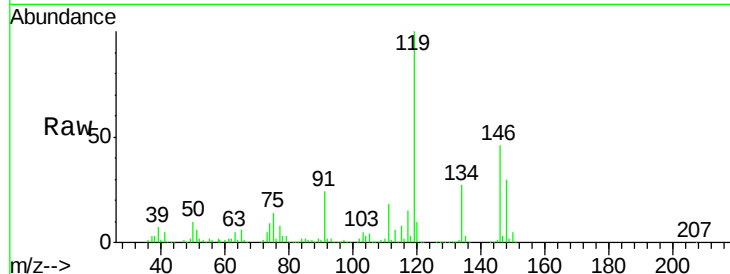




#87
 1,3-Dichlorobenzene
 Concen: 48.41 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

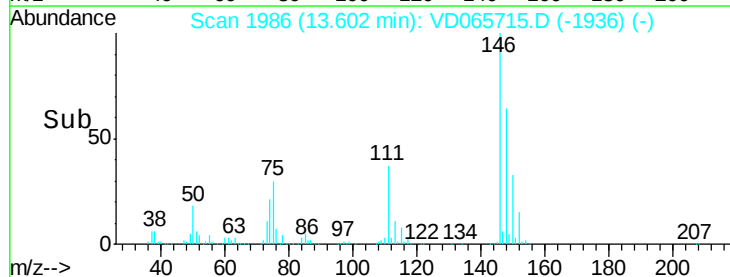
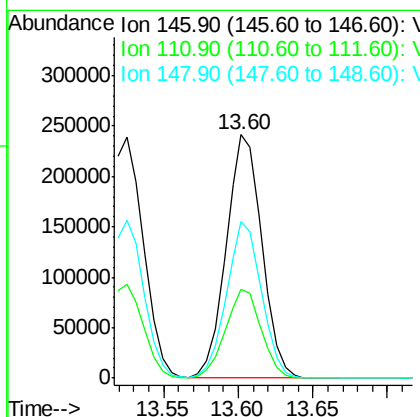
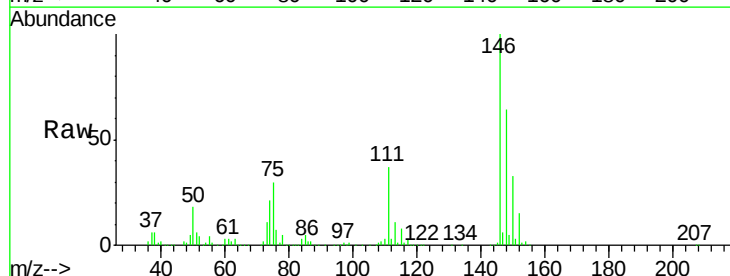
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

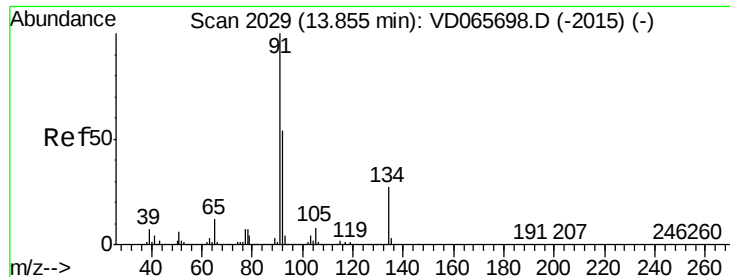
Tgt Ion:146 Resp: 397824
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.8
 148 64.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.62 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

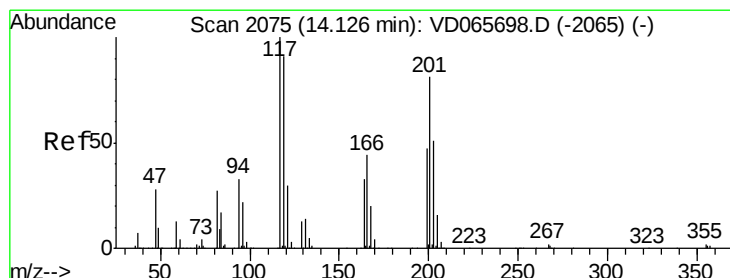
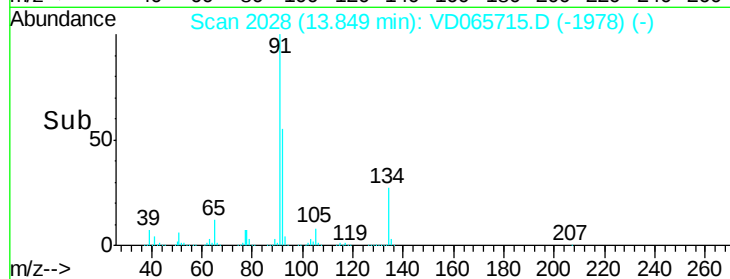
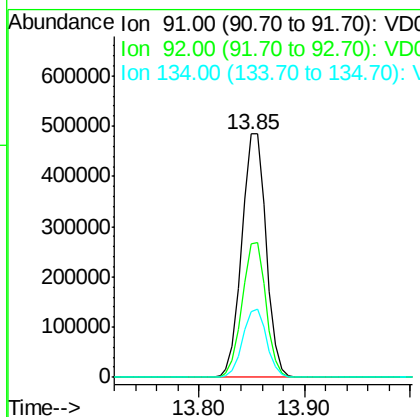
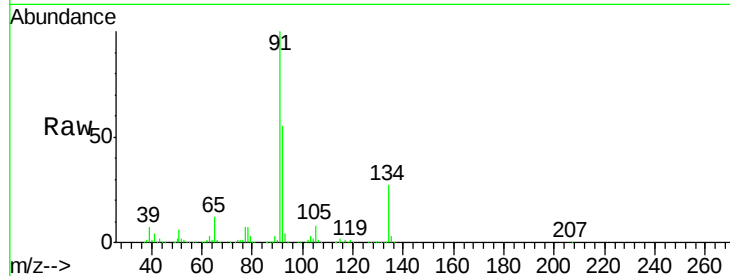




#89
n-Butylbenzene
Concen: 46.76 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD065715.D
Acq: 07 May 2020 17:05

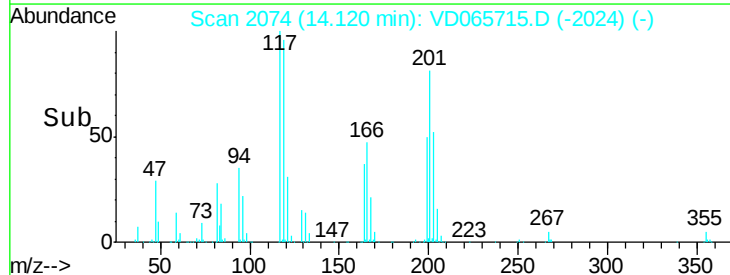
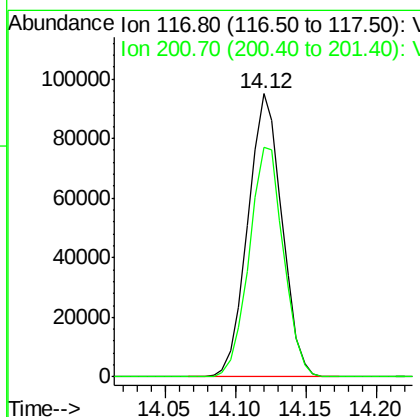
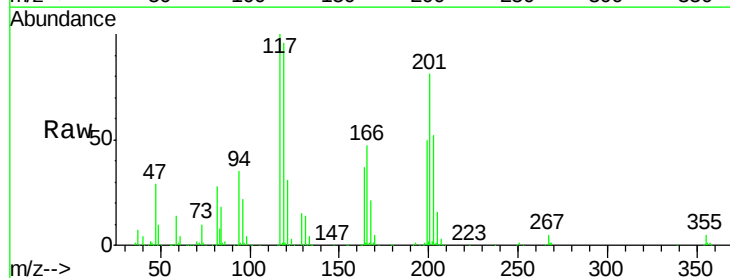
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

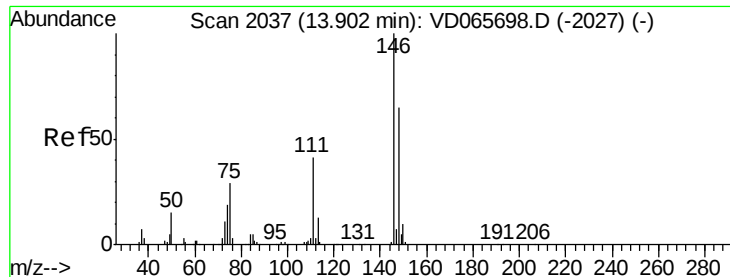
Tgt Ion: 91 Resp: 771611
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 27.5 13.3 39.8



#90
Hexachloroethane
Concen: 47.53 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

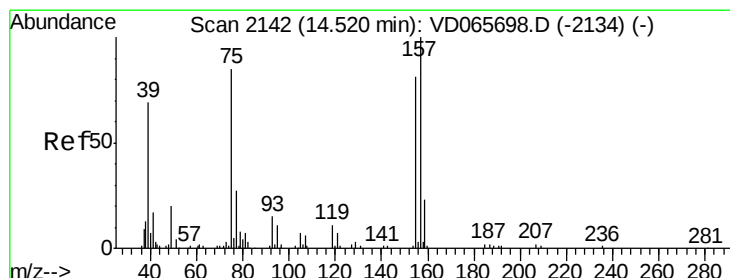
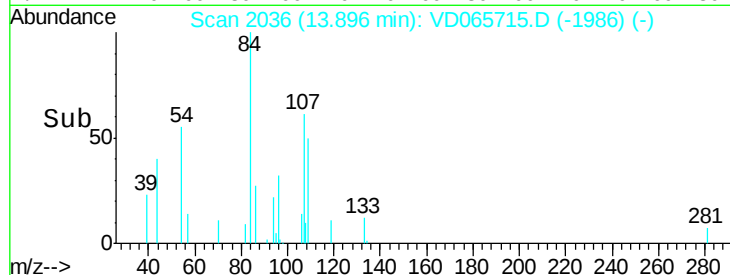
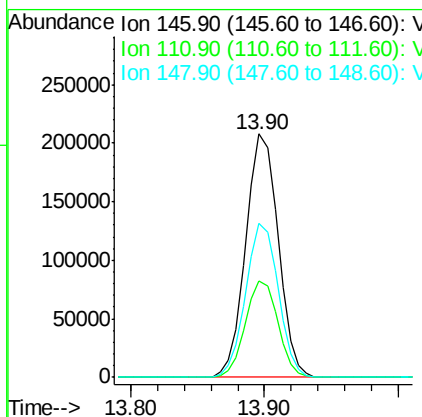
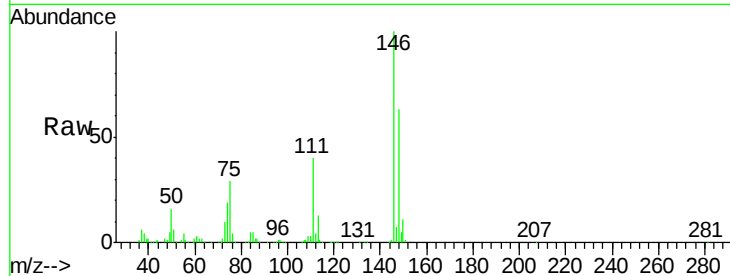




#91
 1,2-Dichlorobenzene
 Concen: 49.28 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

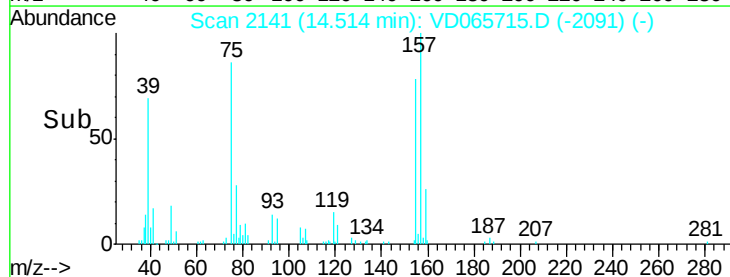
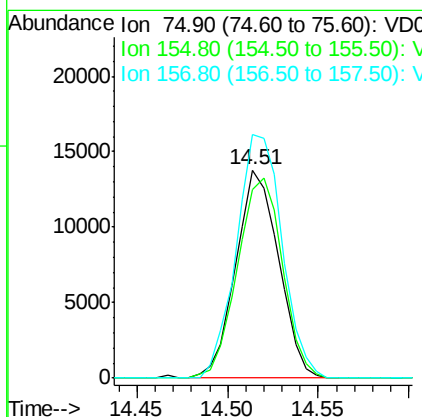
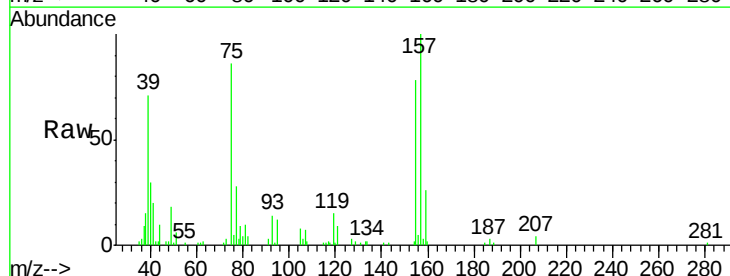
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

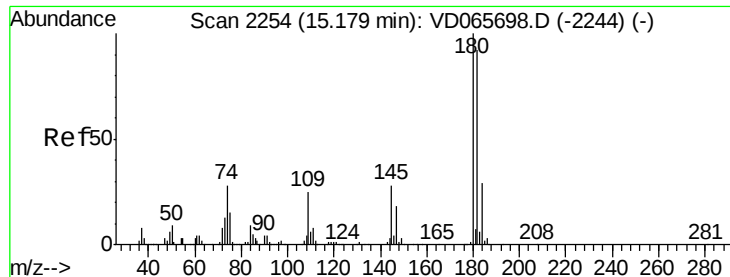
Tgt Ion: 146 Resp: 349461
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 61.0
 148 63.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.34 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: 75 Resp: 22754
 Ion Ratio Lower Upper
 75 100
 155 100.5 43.5 130.5
 157 124.6 54.5 163.6

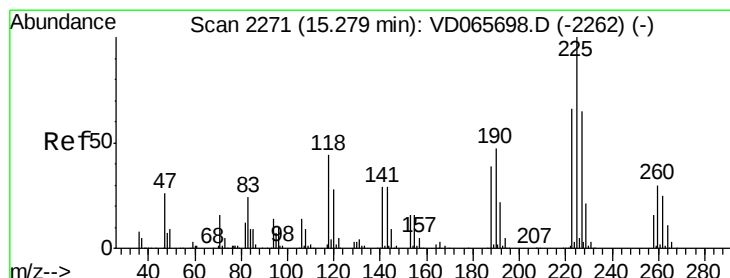
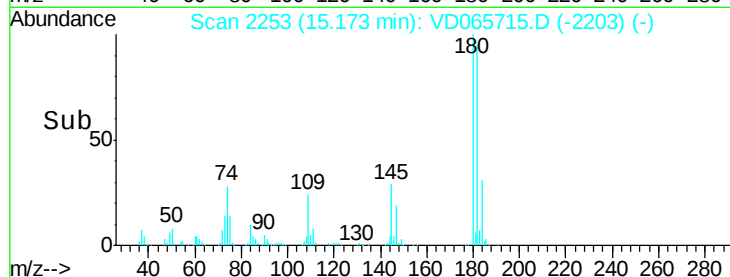
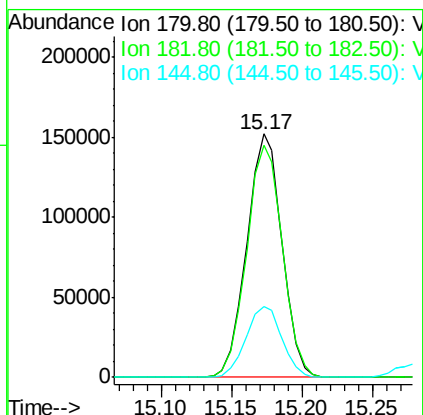
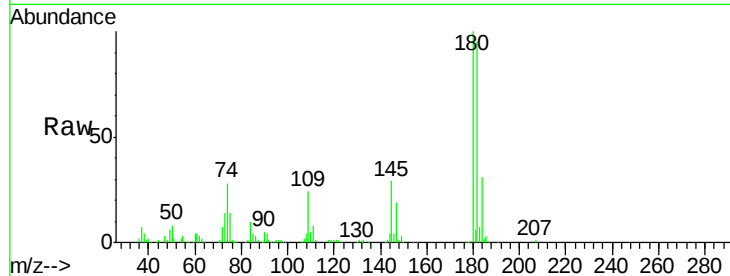




#93
 1,2,4-Trichlorobenzene
 Concen: 50.05 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065715.D
 Acq: 07 May 2020 17:05

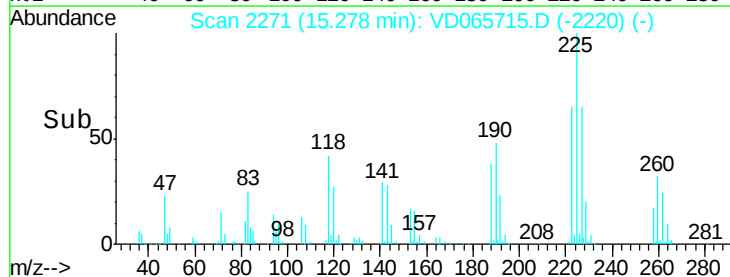
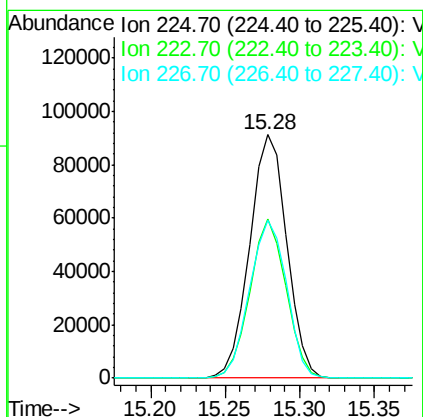
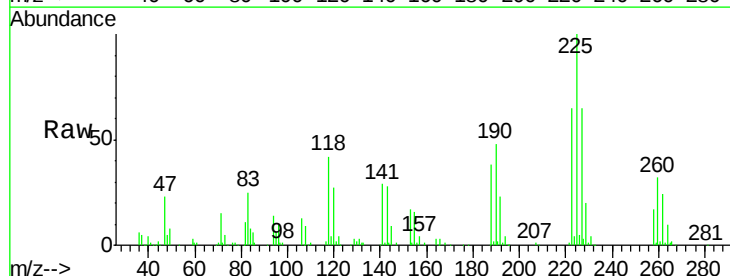
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

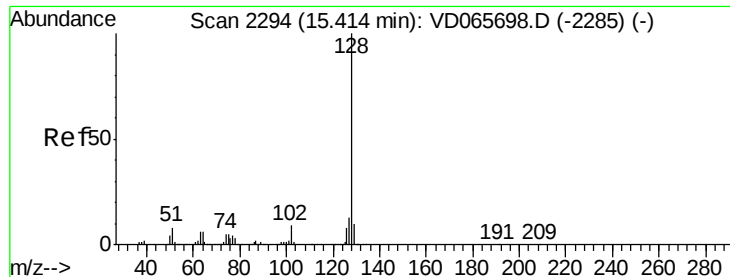
Tgt Ion:180 Resp: 266294
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.0 141.0
 145 29.9 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 50.93 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:225 Resp: 157037
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.8 95.3
 227 64.4 31.6 94.8





#95

Naphthalene

Concen: 48.10 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

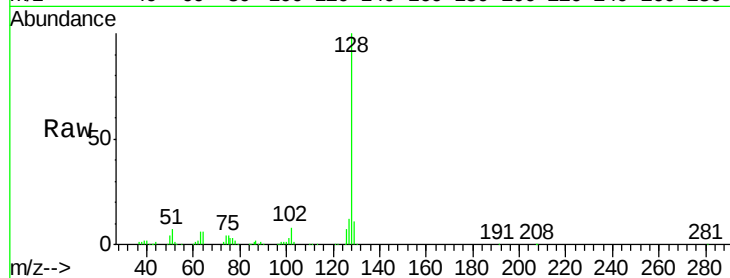
Tgt Ion:128 Resp: 449855

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

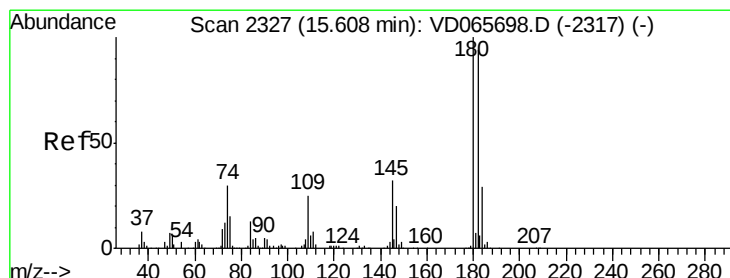
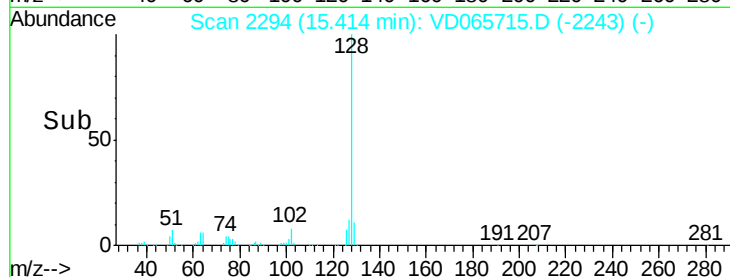
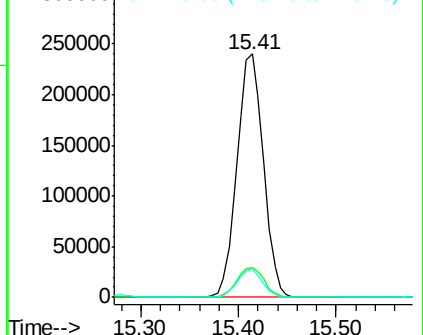
129 11.0 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.67 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD065715.D

Acq: 07 May 2020 17:05

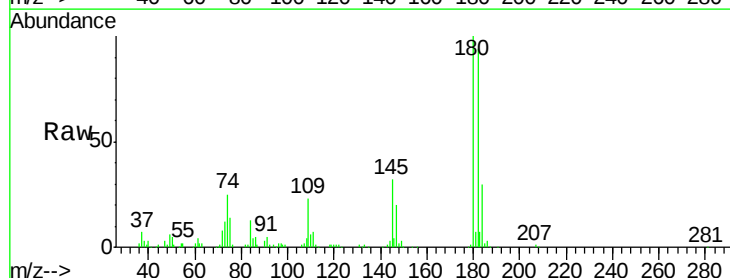
Tgt Ion:180 Resp: 229311

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.6

145 31.6 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

