

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
 Data File : VD065708.D
 Acq On : 07 May 2020 12:56
 Operator : VA/SY
 Sample : L2182-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

Quant Time: May 08 08:00:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 08 07:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	411416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	621418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	548132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266515	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	191862	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	7.92	113	192486	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.34	98	752059	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.64	95	255930	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.99	85	14645	4.54	ug/l	98
3) Chloromethane	2.20	50	20843	5.12	ug/l	96
4) Vinyl Chloride	2.34	62	20558	4.99	ug/l	90
5) Bromomethane	2.77	94	14844	5.70	ug/l	95
6) Chloroethane	2.92	64	13077	4.94	ug/l #	86
7) Trichlorofluoromethane	3.27	101	28390	4.32	ug/l	94
8) Diethyl Ether	3.71	74	9092	4.41	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	17562	4.40	ug/l	97
10) Methyl Iodide	4.30	142	15322	3.91	ug/l #	91
11) Tert butyl alcohol	5.20	59	12284	33.45	ug/l #	79
12) 1,1-Dichloroethene	4.06	96	18125	4.62	ug/l	91
13) Acrolein	3.92	56	7718	22.79	ug/l	88
14) Allyl chloride	4.72	41	30992	3.96	ug/l	98
15) Acrylonitrile	5.42	53	19242	19.86	ug/l #	91
16) Acetone	4.16	43	17329	19.70	ug/l	89
17) Carbon Disulfide	4.40	76	54444	4.22	ug/l	99
18) Methyl Acetate	4.72	43	10005	4.57	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	38810	4.08	ug/l	93
20) Methylene Chloride	4.96	84	23588	5.32	ug/l	87
21) trans-1,2-Dichloroethene	5.47	96	19826	4.41	ug/l	97
22) Diisopropyl ether	6.36	45	57696	3.97	ug/l	95
23) Vinyl Acetate	6.31	43	165827	18.87	ug/l	100
24) 1,1-Dichloroethane	6.26	63	32551	4.08	ug/l	95
25) 2-Butanone	7.21	43	25820	19.78	ug/l	98
26) 2,2-Dichloropropane	7.20	77	31773	4.43	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	20154	4.13	ug/l	97
28) Bromochloromethane	7.55	49	11501	3.46	ug/l	92
29) Tetrahydrofuran	7.57	42	16937	20.13	ug/l	95
30) Chloroform	7.71	83	31832	4.15	ug/l	98
31) Cyclohexane	7.98	56	40520	4.91	ug/l #	73
32) 1,1,1-Trichloroethane	7.91	97	30060	4.23	ug/l	97
36) 1,1-Dichloropropene	8.11	75	26849	4.35	ug/l	95
37) Ethyl Acetate	7.29	43	11932	4.02	ug/l #	79
38) Carbon Tetrachloride	8.10	117	26958	4.41	ug/l	90

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	34343	4.43	ug/l	93
40) Benzene	8.35	78	72519	4.30	ug/l	100
41) Methacrylonitrile	7.53	41	6848	4.00	ug/l	94
42) 1,2-Dichloroethane	8.43	62	21061	4.34	ug/l	95
43) Isopropyl Acetate	8.46	43	24787	4.17	ug/l	96
44) Trichloroethene	9.11	130	20239	4.36	ug/l	94
45) 1,2-Dichloropropane	9.39	63	18406	4.22	ug/l	99
46) Dibromomethane	9.48	93	9130	4.18	ug/l	89
47) Bromodichloromethane	9.67	83	24931	4.26	ug/l	93
48) Methyl methacrylate	9.46	41	11679	3.93	ug/l	92
49) 1,4-Dioxane	9.46	88	2578	96.19	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	63312	22.11	ug/l	99
52) Toluene	10.40	92	48175	4.52	ug/l	94
53) t-1,3-Dichloropropene	10.62	75	23578	3.98	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	29137	4.18	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	13257	4.50	ug/l	94
56) Ethyl methacrylate	10.66	69	18073	4.25	ug/l	96
57) 1,3-Dichloropropane	10.95	76	23120	4.36	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	39326	20.13	ug/l	97
59) 2-Hexanone	10.98	43	40766	20.70	ug/l	99
60) Dibromochloromethane	11.14	129	17865	4.51	ug/l	100
61) 1,2-Dibromoethane	11.25	107	13082	4.41	ug/l	98
64) Tetrachloroethene	10.88	164	18105	4.64	ug/l	94
65) Chlorobenzene	11.67	112	50192	4.54	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	17501	4.25	ug/l	97
67) Ethyl Benzene	11.75	91	89876	4.36	ug/l	98
68) m/p-Xylenes	11.86	106	68113	8.87	ug/l	95
69) o-Xylene	12.18	106	31690	4.42	ug/l	96
70) Styrene	12.20	104	54617	4.43	ug/l	97
71) Bromoform	12.36	173	10499	4.53	ug/l #	96
73) Isopropylbenzene	12.48	105	86059	4.26	ug/l	99
74) N-amyl acetate	12.29	43	21896	3.80	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.74	83	14360	4.24	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	20171	8.96	ug/l #	100
77) Bromobenzene	12.77	156	20764	4.48	ug/l	95
78) n-propylbenzene	12.83	91	101188	4.26	ug/l	99
79) 2-Chlorotoluene	12.91	91	57060	4.25	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	72365	4.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	5256	4.13	ug/l	95
82) 4-Chlorotoluene	13.01	91	60046	4.27	ug/l	96
83) tert-Butylbenzene	13.23	119	60670	4.30	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	70924	4.29	ug/l	100
85) sec-Butylbenzene	13.41	105	85511	4.32	ug/l	99
86) p-Isopropyltoluene	13.53	119	79711	4.42	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	38902	4.47	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	39169	4.56	ug/l	97
89) n-Butylbenzene	13.85	91	73412	4.20	ug/l	99
90) Hexachloroethane	14.12	117	15532	4.32	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	33558	4.47	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	2369	4.16	ug/l	92

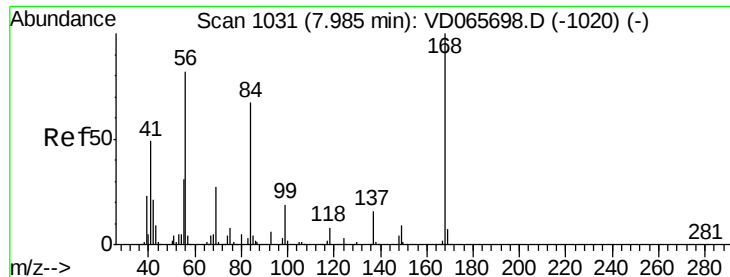
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QLast Update : Fri May 08 07:56:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	25555	4.54	ug/l	98
94) Hexachlorobutadiene	15.28	225	14501	4.44	ug/l	99
95) Naphthalene	15.41	128	44441	4.49	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	21534	4.49	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

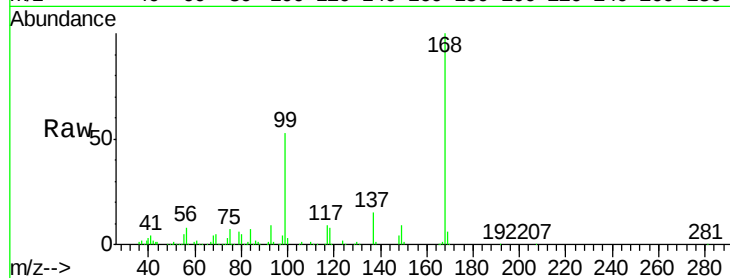
VD0308

Tgt Ion:168 Resp: 411416

Ion Ratio Lower Upper

168 100

99 52.9 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

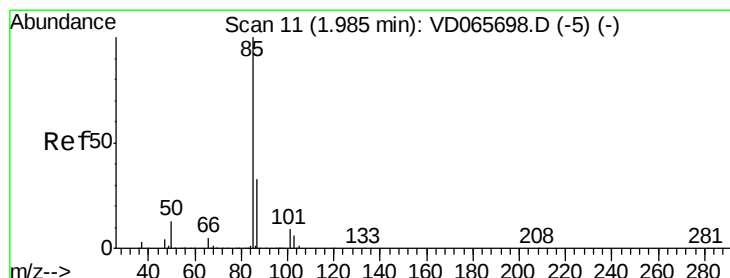
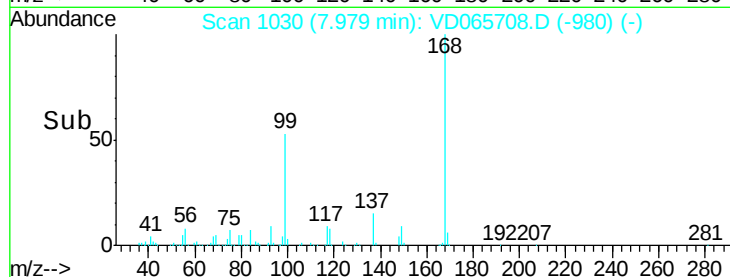
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 4.54 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065708.D

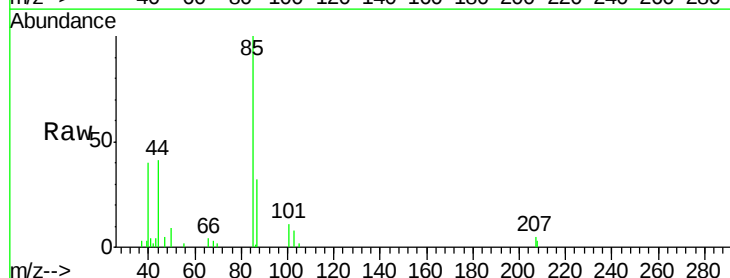
Acq: 07 May 2020 12:56

Tgt Ion: 85 Resp: 14645

Ion Ratio Lower Upper

85 100

87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

12000

10000

8000

6000

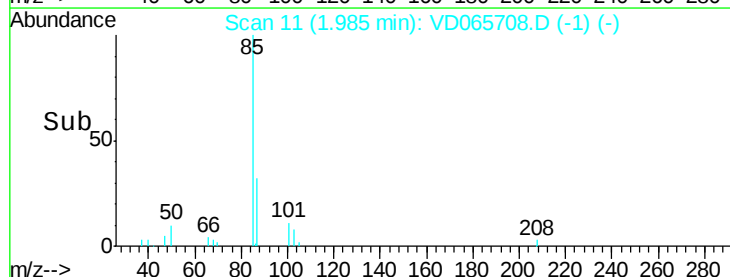
4000

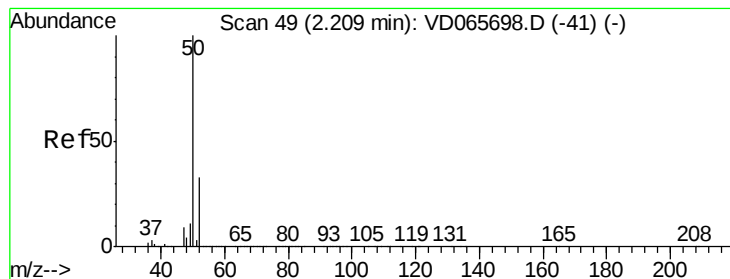
2000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 5.12 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

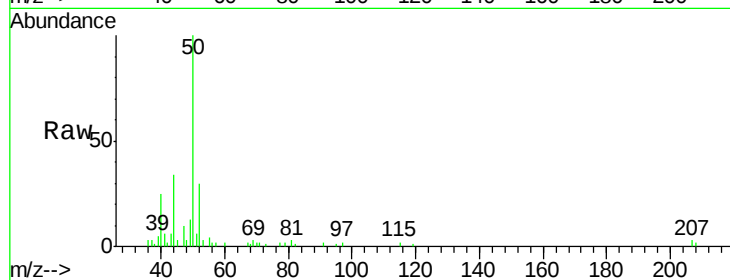
VD0308

Tgt Ion: 50 Resp: 20843

Ion Ratio Lower Upper

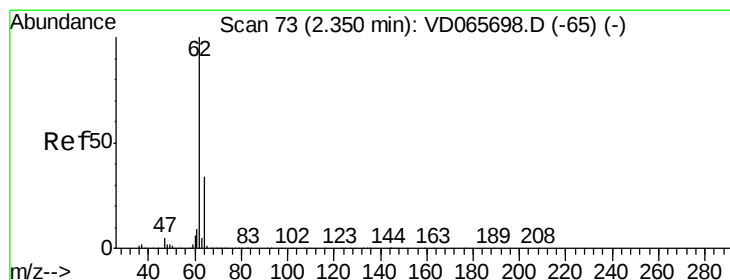
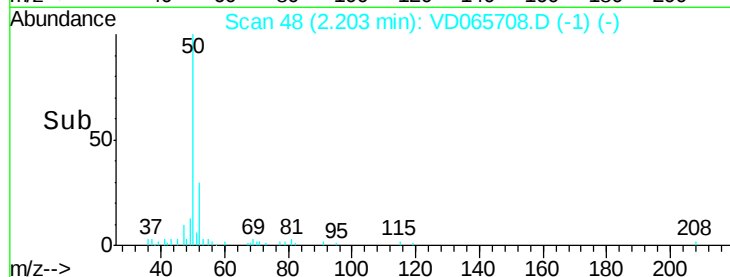
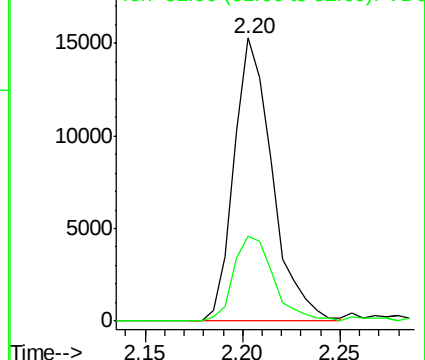
50 100

52 30.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 4.99 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD065708.D

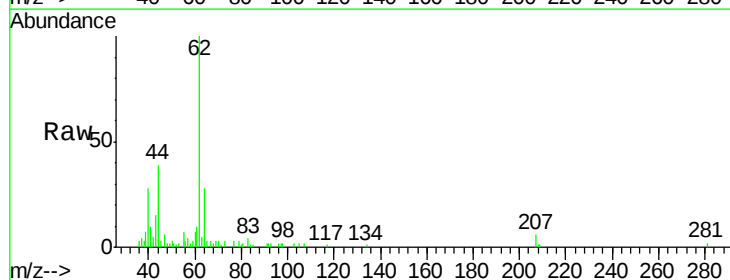
Acq: 07 May 2020 12:56

Tgt Ion: 62 Resp: 20558

Ion Ratio Lower Upper

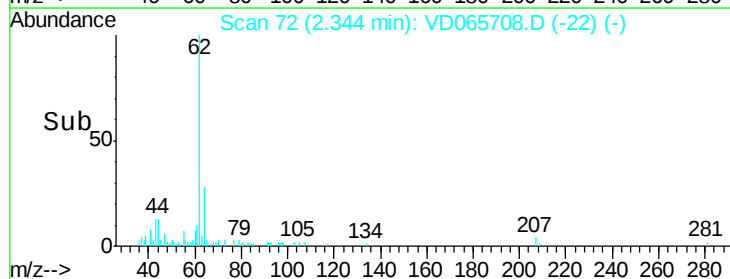
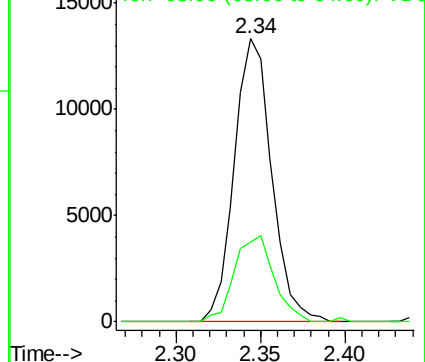
62 100

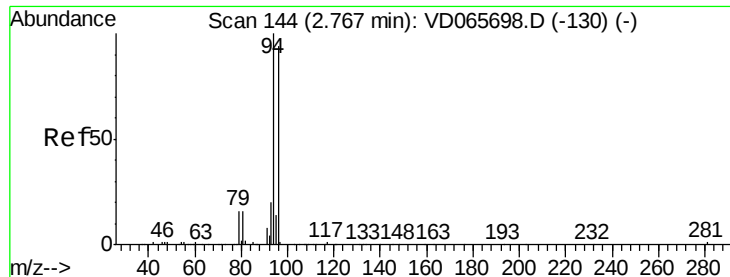
64 28.2 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 5.70 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

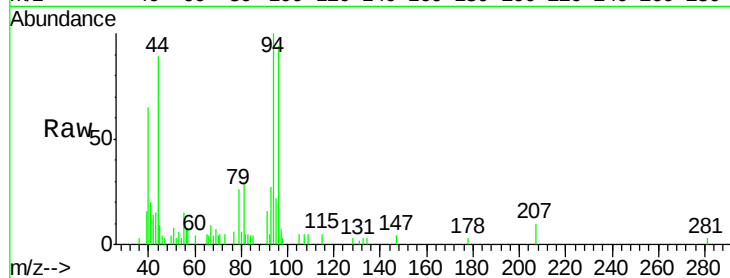
VD0308

Tgt Ion: 94 Resp: 14844

Ion Ratio Lower Upper

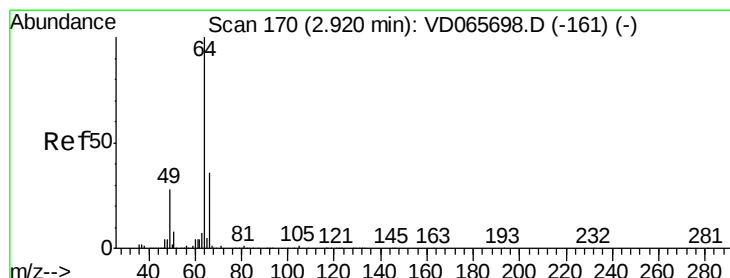
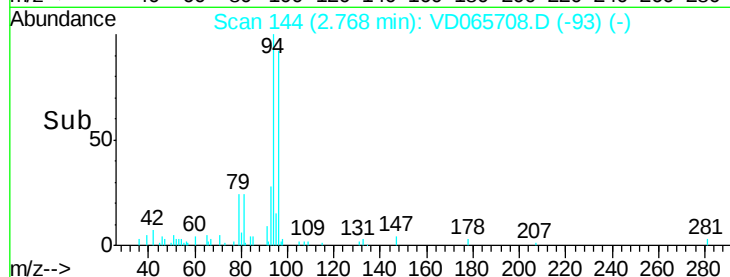
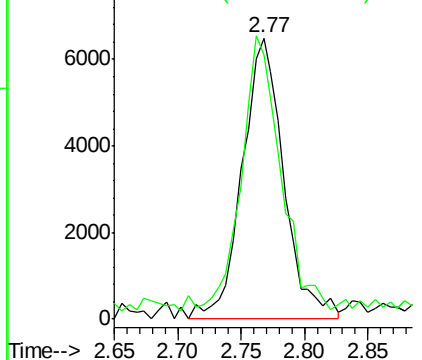
94 100

96 88.7 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: 4.94 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065708.D

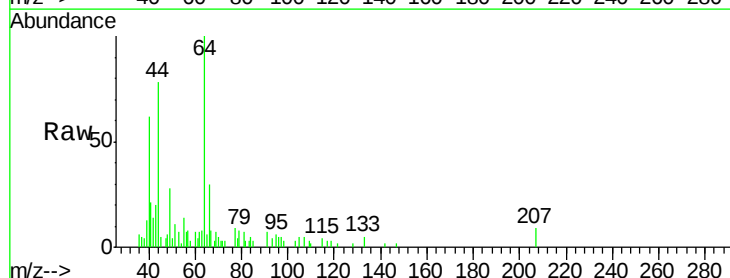
Acq: 07 May 2020 12:56

Tgt Ion: 64 Resp: 13077

Ion Ratio Lower Upper

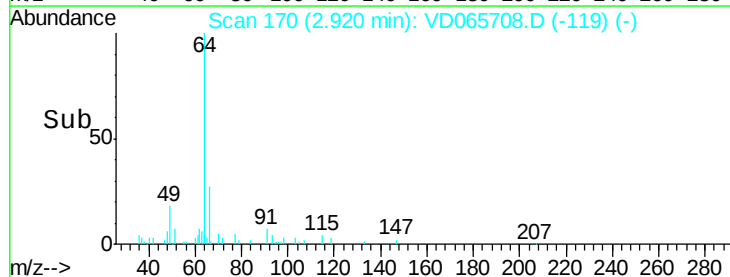
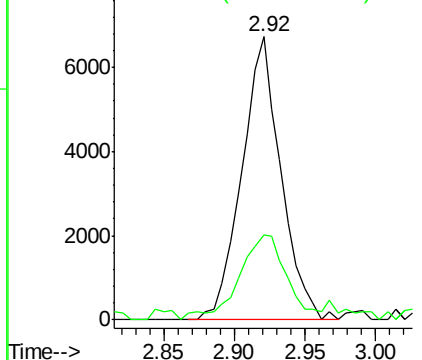
64 100

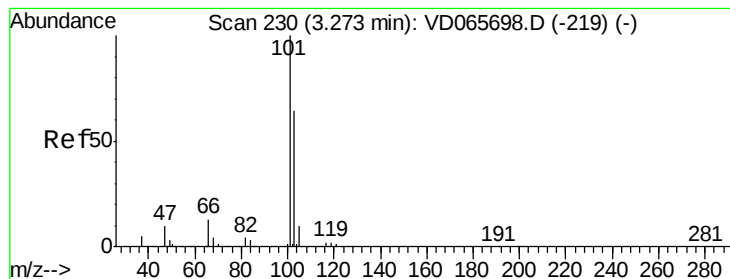
66 27.6 28.5 42.7#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 4.32 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

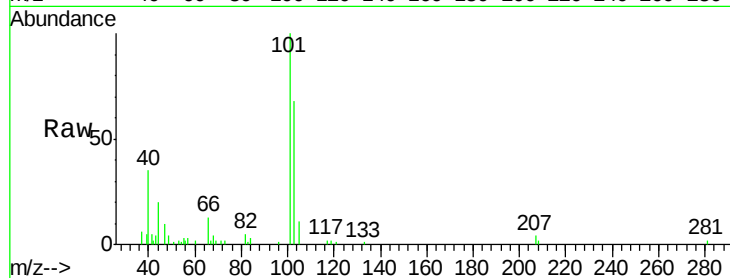
VD0308

Tgt Ion: 101 Resp: 28390

Ion Ratio Lower Upper

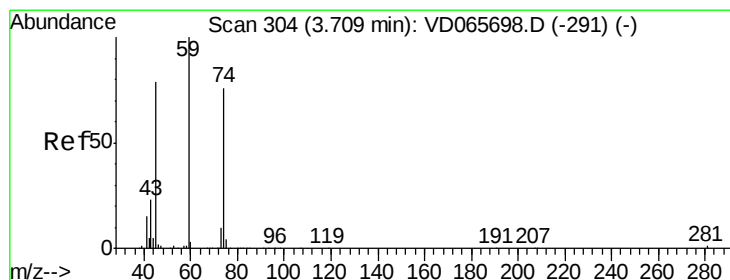
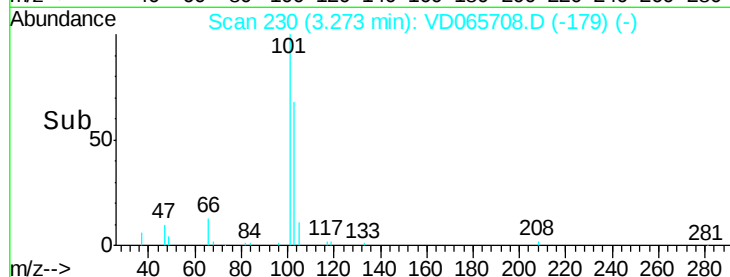
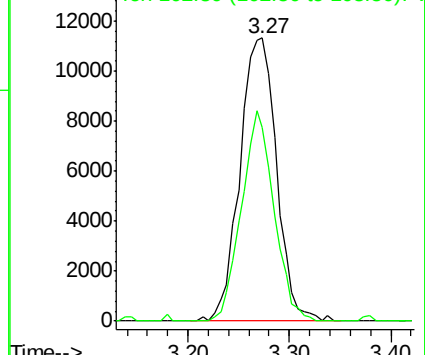
101 100

103 68.4 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: 4.41 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD065708.D

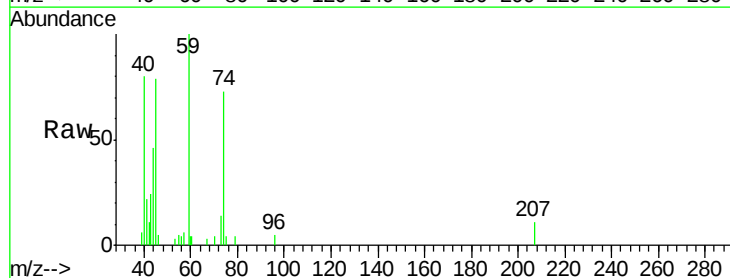
Acq: 07 May 2020 12:56

Tgt Ion: 74 Resp: 9092

Ion Ratio Lower Upper

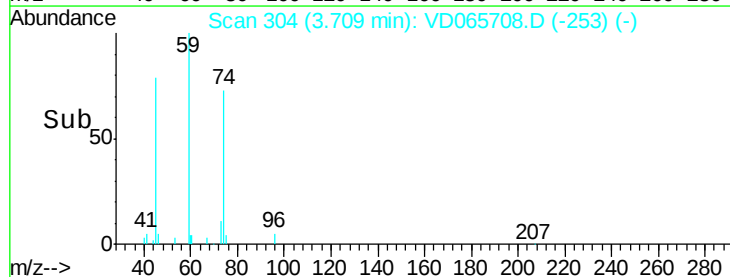
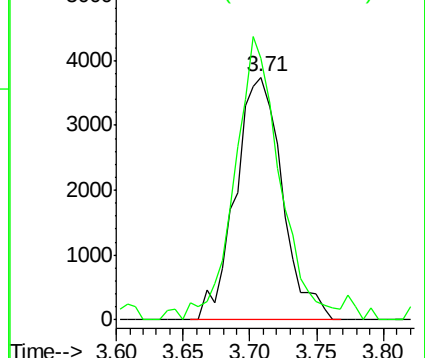
74 100

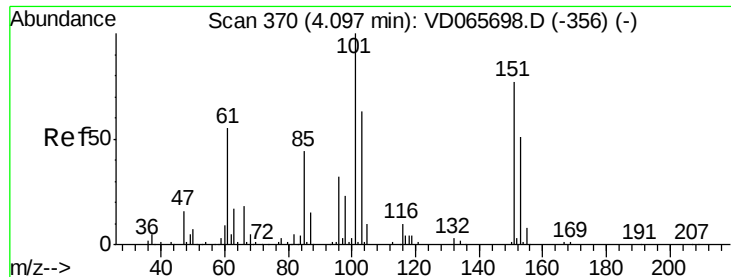
45 112.9 55.0 165.0



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: 4.40 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

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ClientSampleId :

VD0308

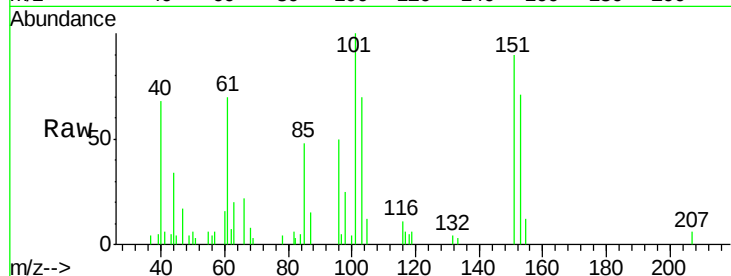
Tgt Ion:101 Resp: 17562

Ion Ratio Lower Upper

101 100

85 44.1 34.4 51.6

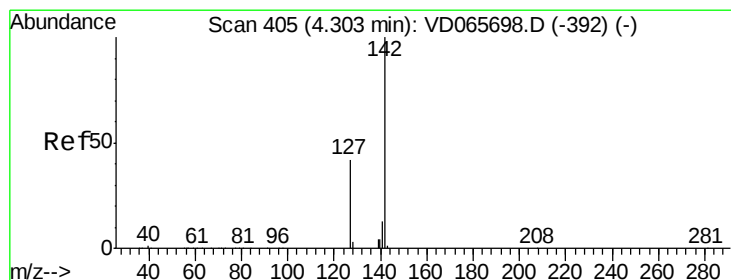
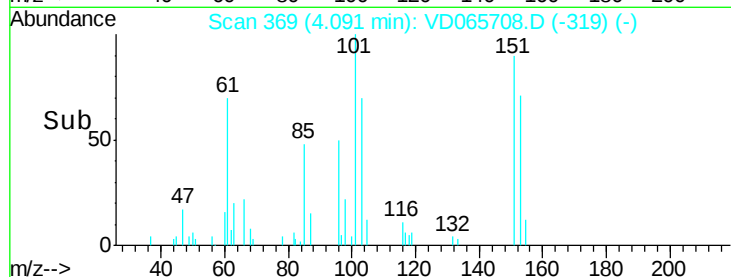
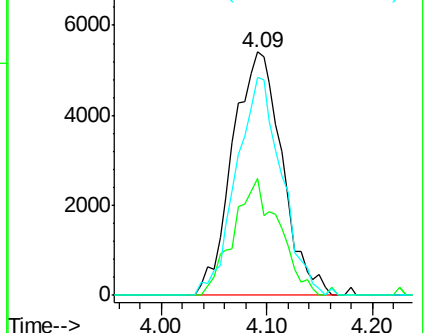
151 82.5 63.0 94.4



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: 3.91 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

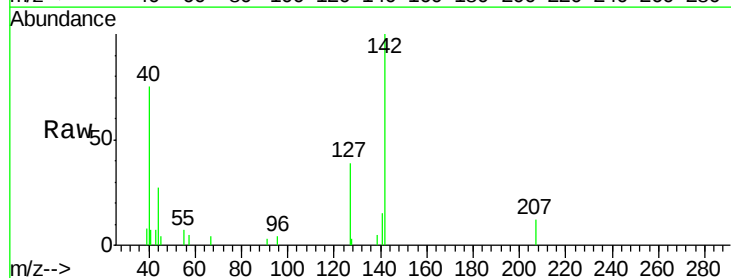
Tgt Ion:142 Resp: 15322

Ion Ratio Lower Upper

142 100

127 40.0 34.5 51.7

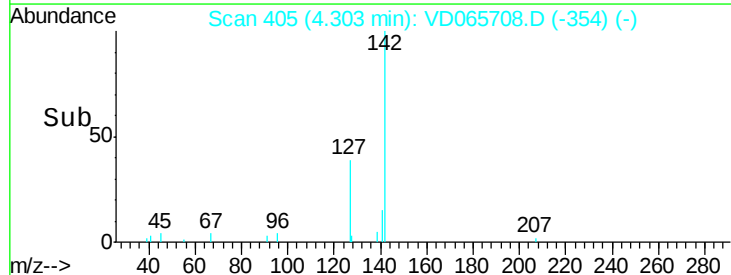
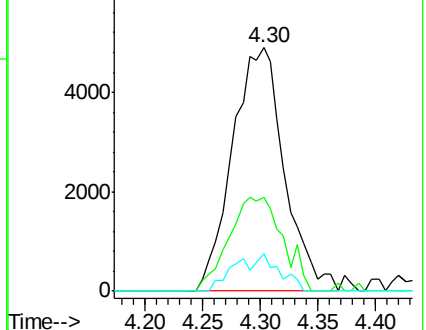
141 5.8 11.6 17.4#

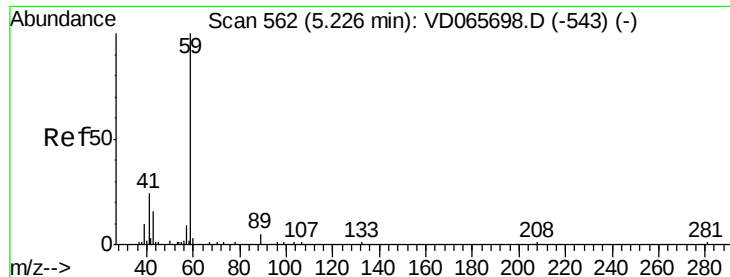


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

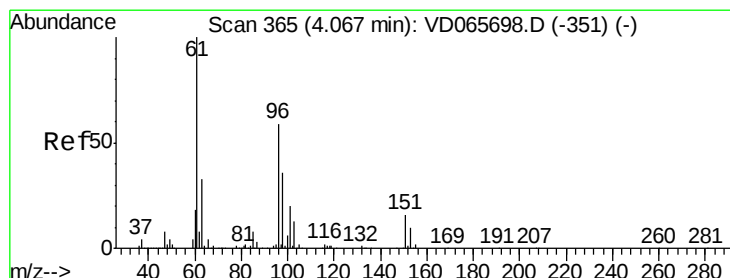
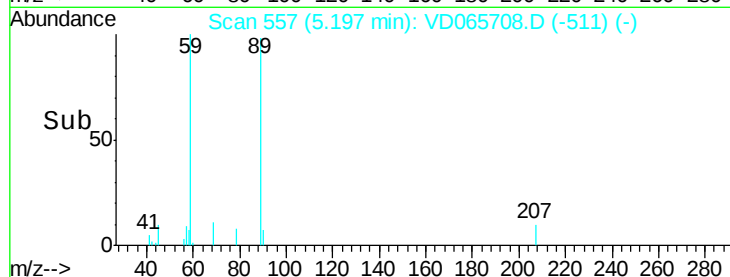
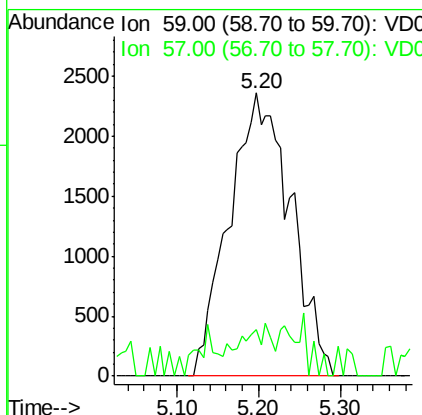
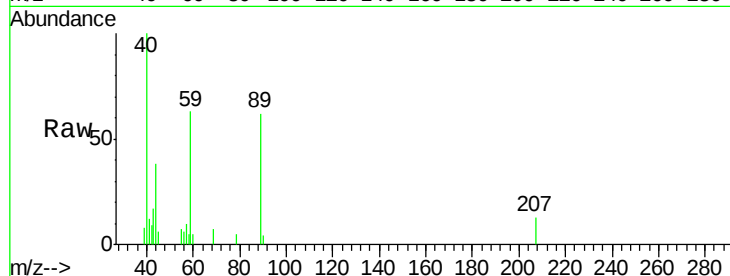




#11
Tert butyl alcohol
Concen: 33.45 ug/l
RT: 5.20 min Scan# 557
Delta R.T. -0.03 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

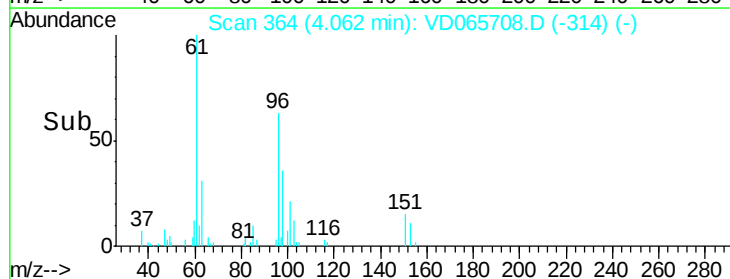
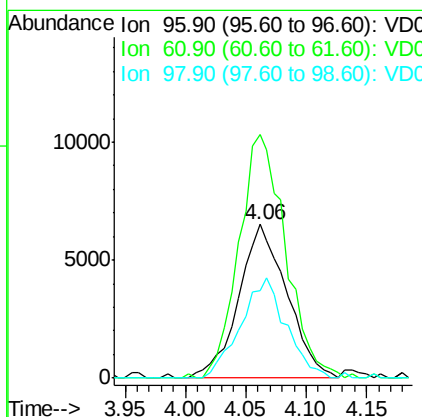
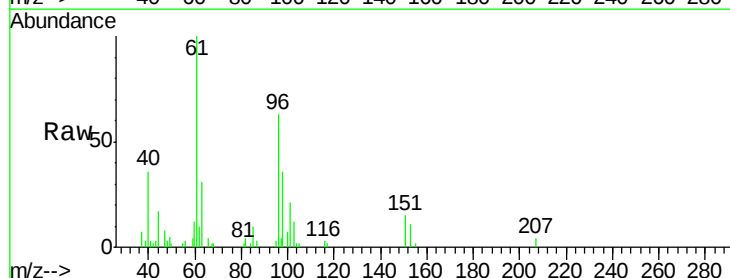
Instrument :
MSVOA_D
ClientSampleId :
VD0308

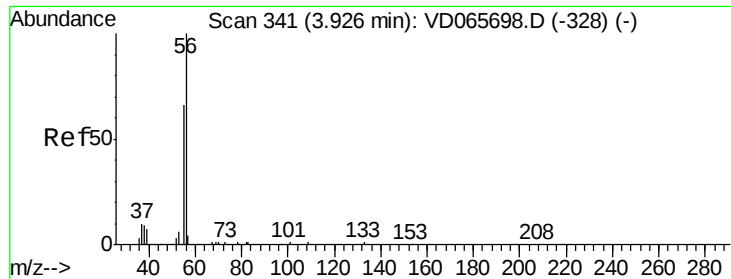
Tgt Ion: 59 Resp: 12284
Ion Ratio Lower Upper
59 100
57 3.1 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 4.62 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion: 96 Resp: 18125
Ion Ratio Lower Upper
96 100
61 156.2 136.0 204.0
98 56.9 49.7 74.5





#13

Acrolein

Concen: 22.79 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

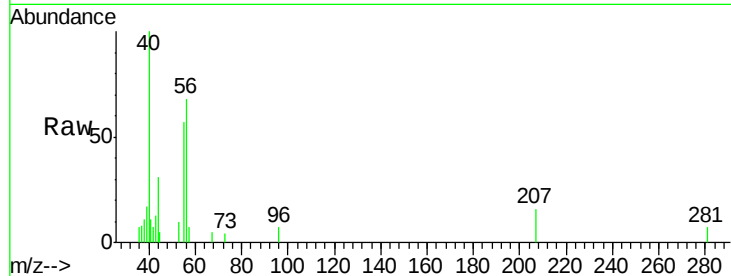
VD0308

Tgt Ion: 56 Resp: 7718

Ion Ratio Lower Upper

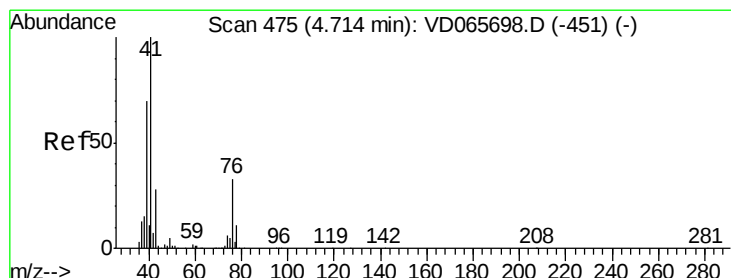
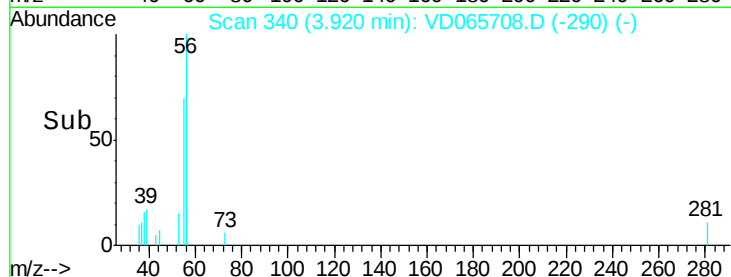
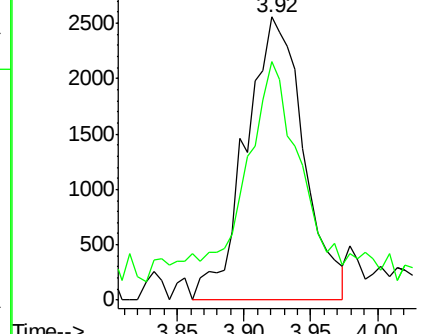
56 100

55 61.1 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 3.96 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

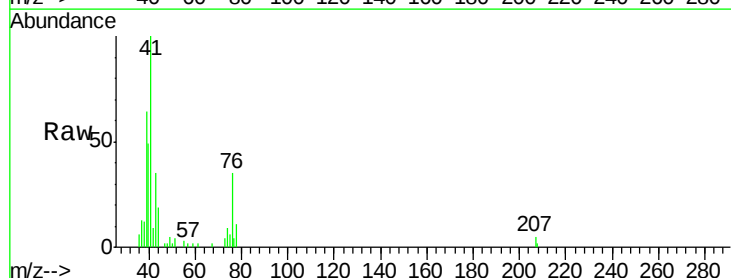
Tgt Ion: 41 Resp: 30992

Ion Ratio Lower Upper

41 100

39 68.3 55.6 83.4

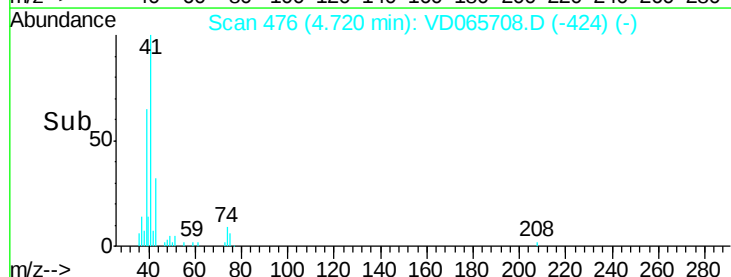
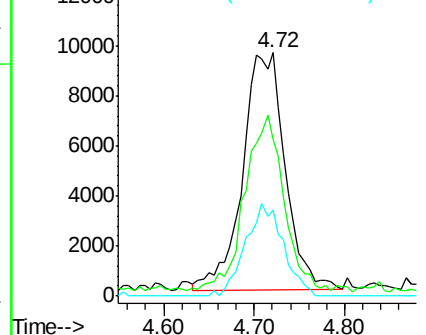
76 34.6 25.6 38.4

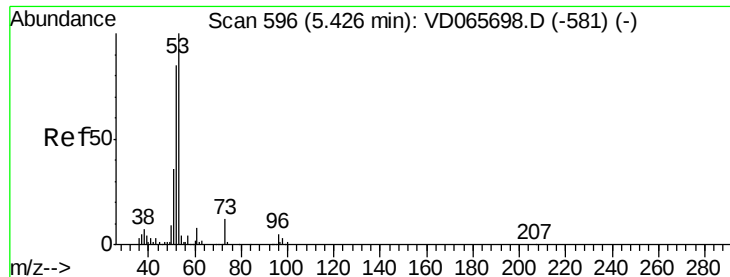


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 19.86 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0308

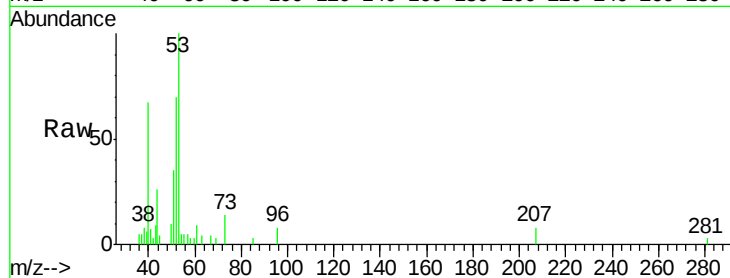
Tgt Ion: 53 Resp: 19242

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.2

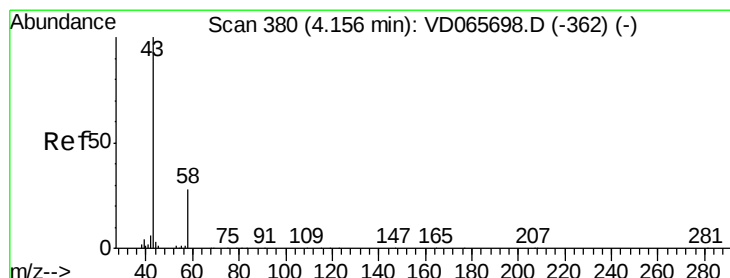
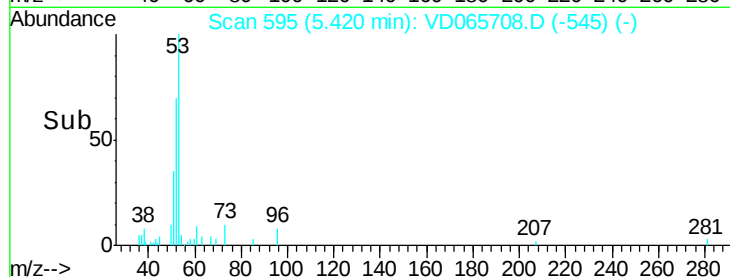
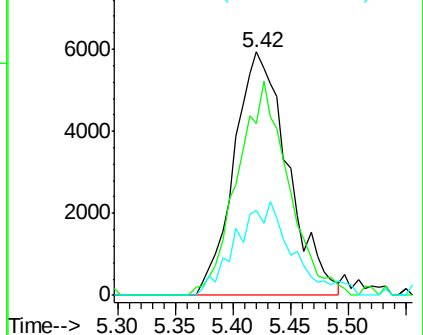
51 20.9 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 19.70 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065708.D

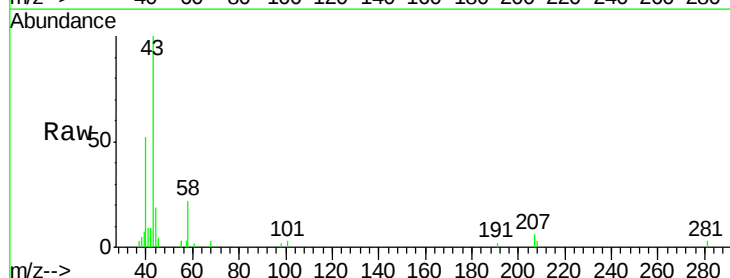
Acq: 07 May 2020 12:56

Tgt Ion: 43 Resp: 17329

Ion Ratio Lower Upper

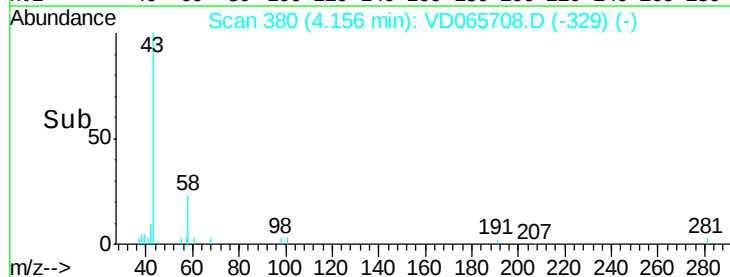
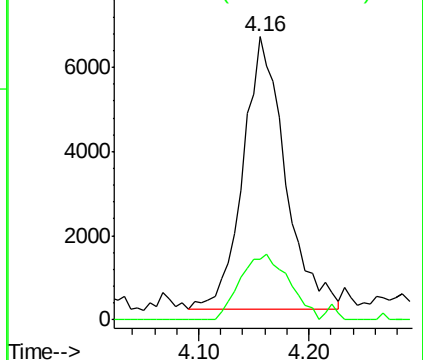
43 100

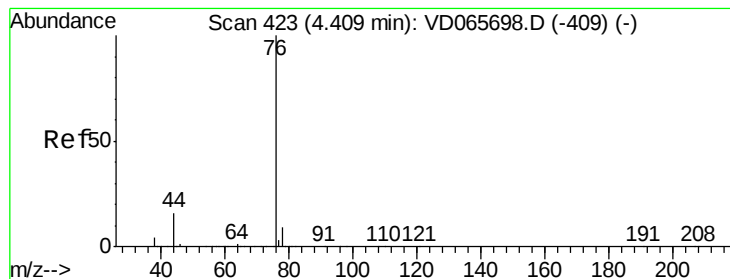
58 22.5 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 4.22 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

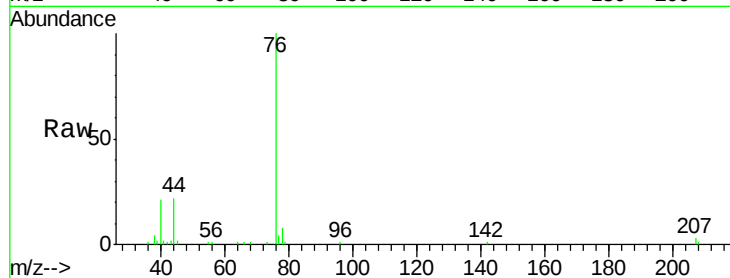
VD0308

Tgt Ion: 76 Resp: 54444

Ion Ratio Lower Upper

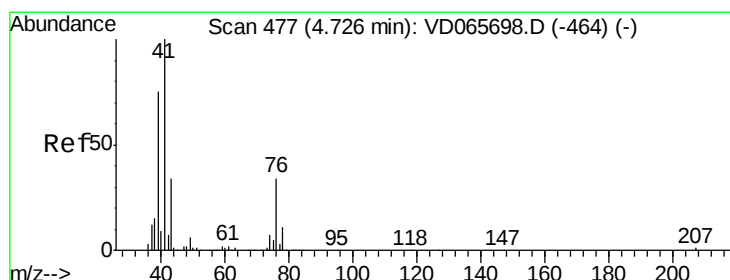
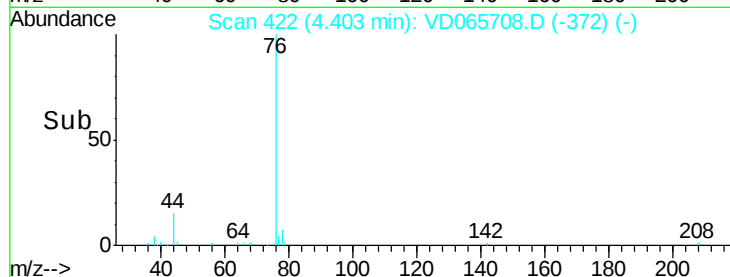
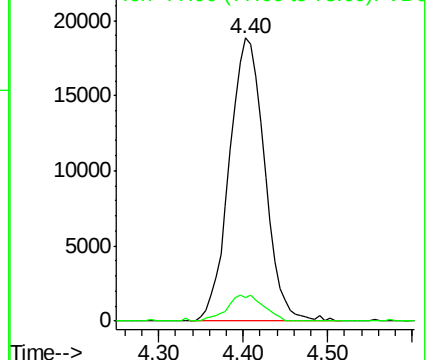
76 100

78 8.1 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: 4.57 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065708.D

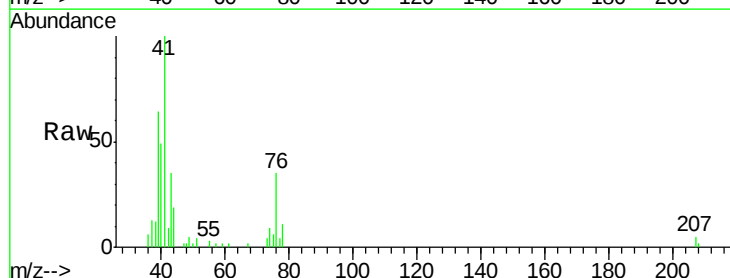
Acq: 07 May 2020 12:56

Tgt Ion: 43 Resp: 10005

Ion Ratio Lower Upper

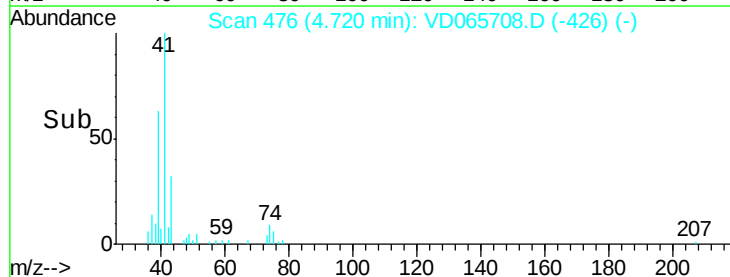
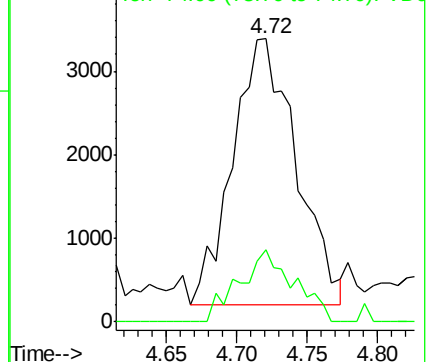
43 100

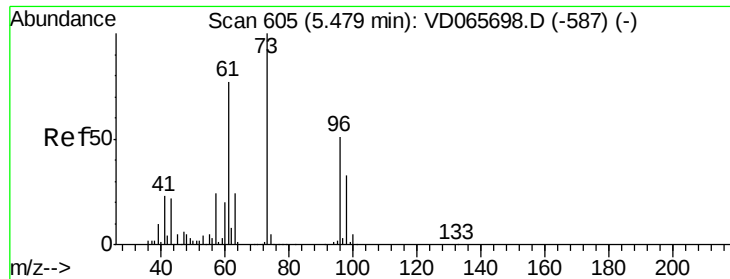
74 23.4 17.1 25.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

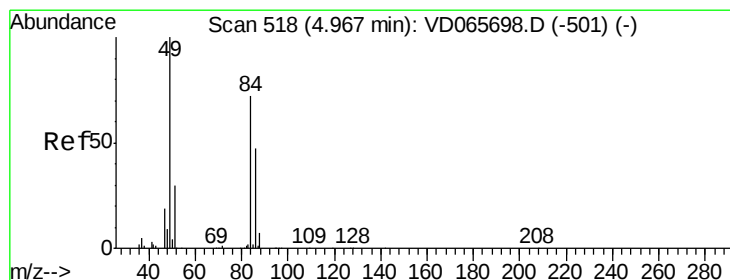
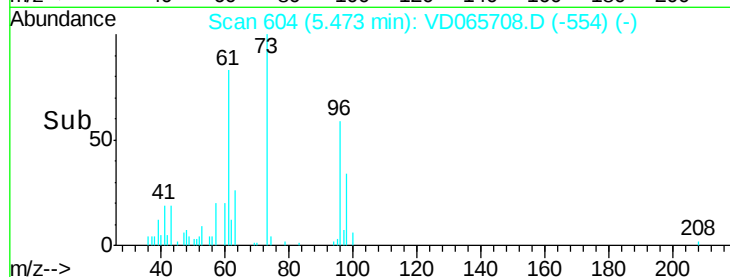
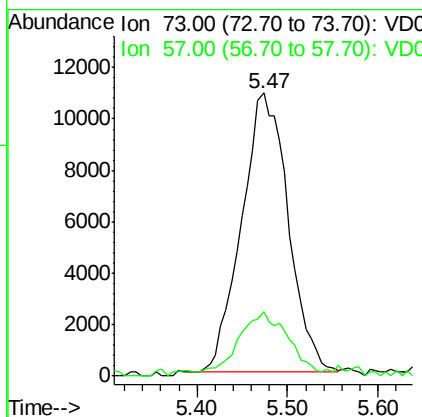
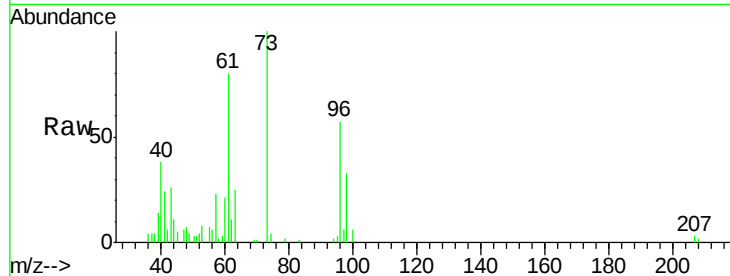




#19
Methyl tert-butyl Ether
Concen: 4.08 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

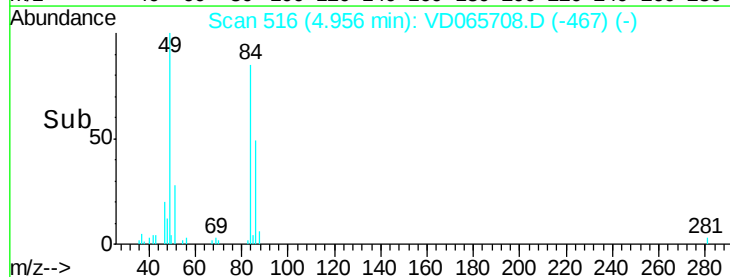
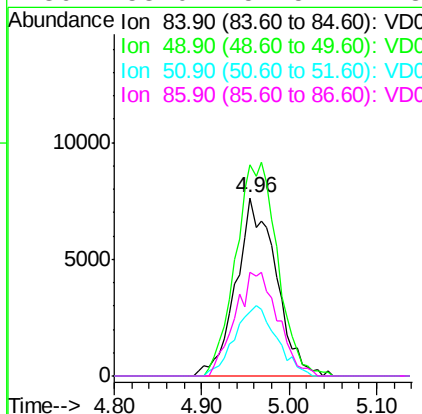
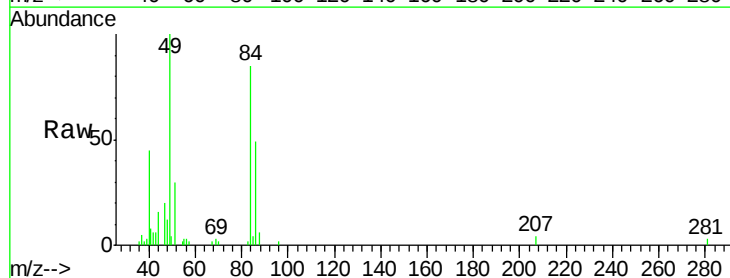
Instrument :
MSVOA_D
ClientSampleId :
VD0308

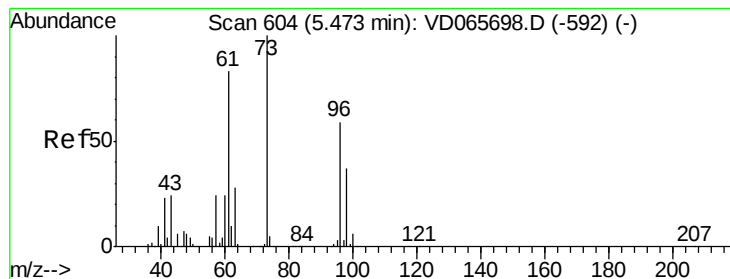
Tgt Ion: 73 Resp: 38810
Ion Ratio Lower Upper
73 100
57 20.7 19.4 29.0



#20
Methylene Chloride
Concen: 5.32 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion: 84 Resp: 23588
Ion Ratio Lower Upper
84 100
49 118.1 110.4 165.6
51 35.7 33.4 50.2
86 58.0 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 4.41 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0308

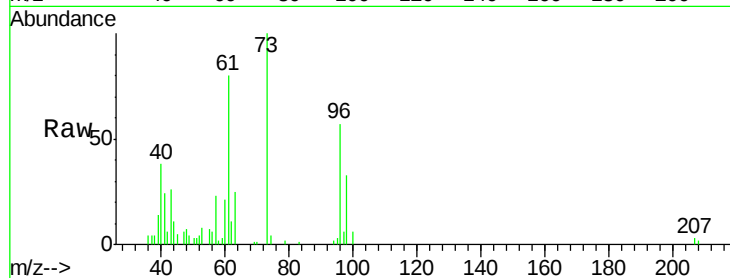
Tgt Ion: 96 Resp: 19826

Ion Ratio Lower Upper

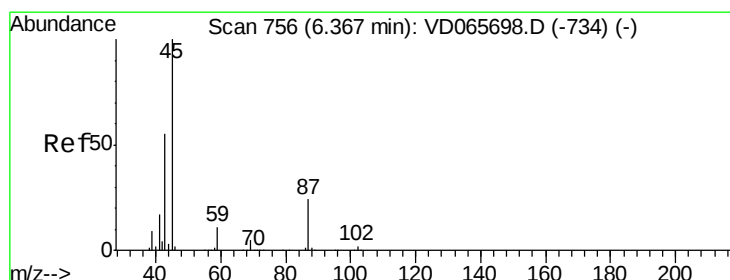
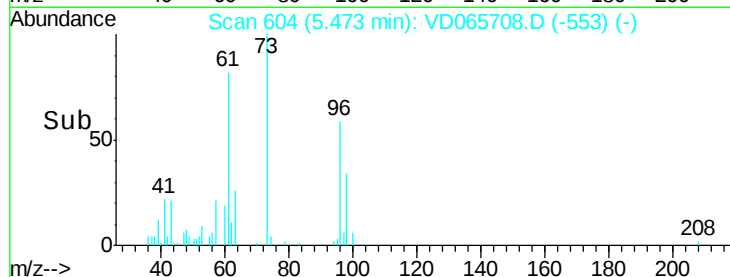
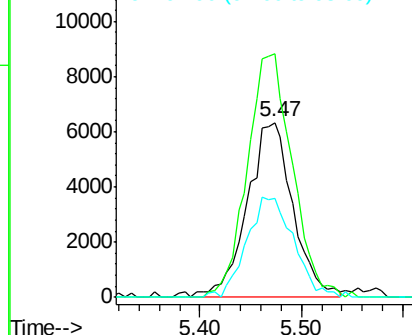
96 100

61 139.5 113.0 169.4

98 56.7 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: 3.97 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Tgt Ion: 45 Resp: 57696

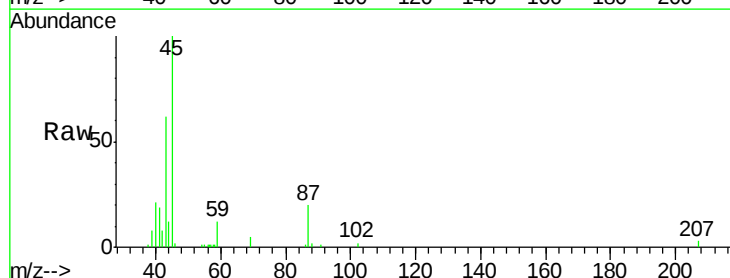
Ion Ratio Lower Upper

45 100

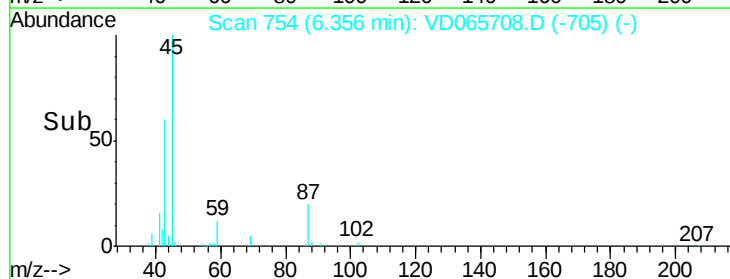
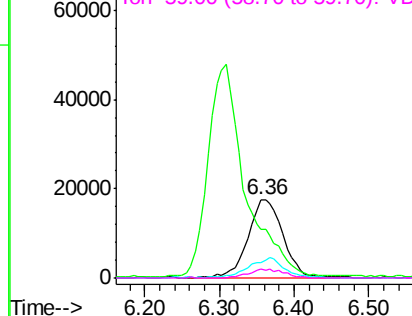
43 58.1 44.2 66.4

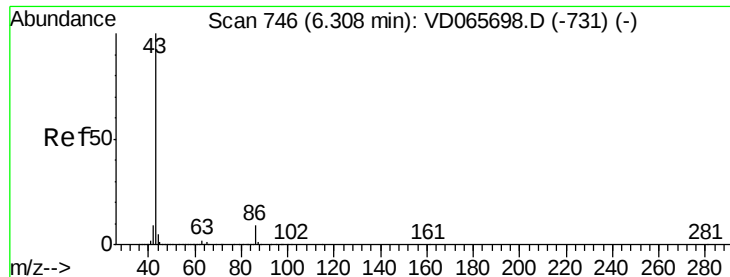
87 19.8 19.0 28.4

59 12.3 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: 18.87 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampled :

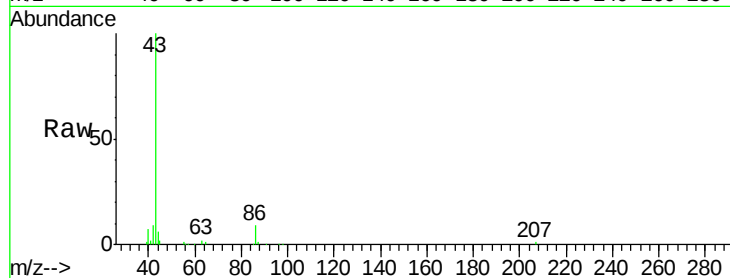
VD0308

Tgt Ion: 43 Resp: 165827

Ion Ratio Lower Upper

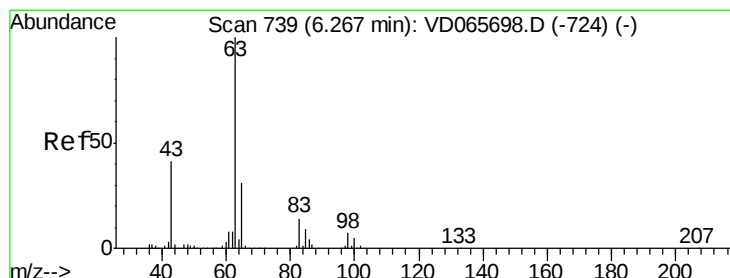
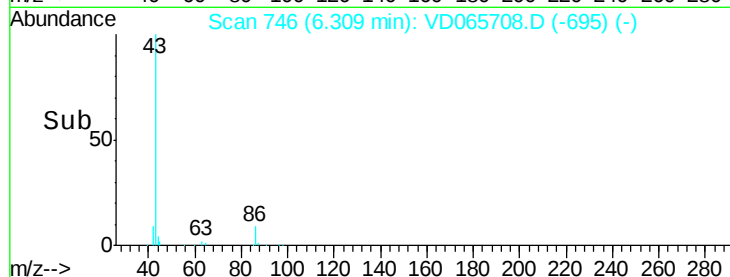
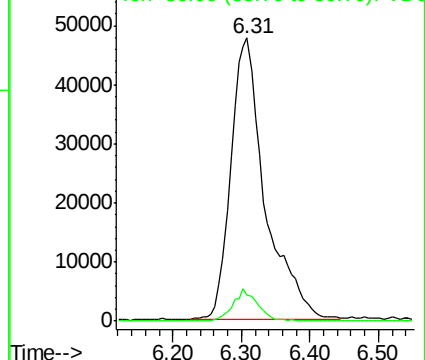
43 100

86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 4.08 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

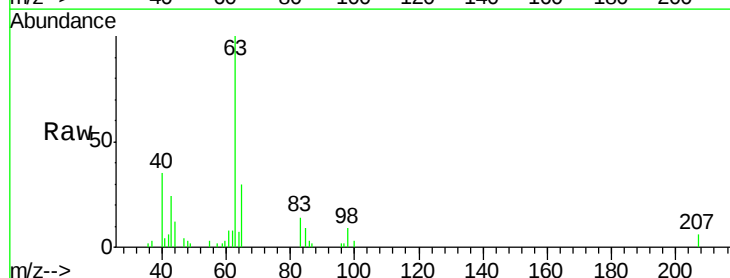
Tgt Ion: 63 Resp: 32551

Ion Ratio Lower Upper

63 100

98 8.9 3.4 10.2

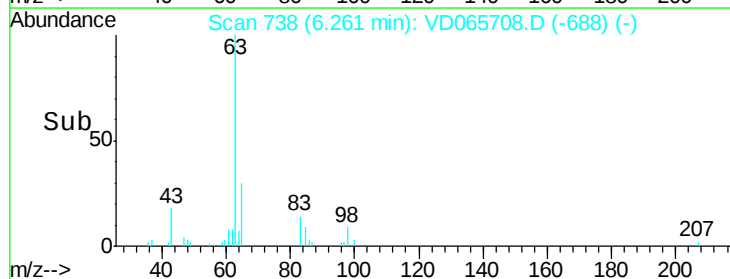
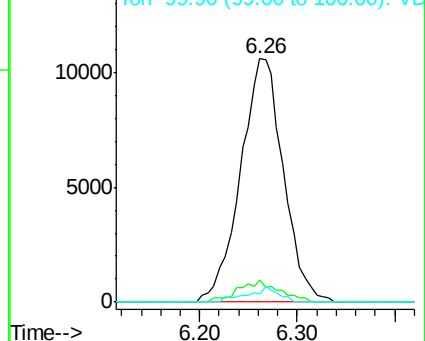
100 3.3 2.3 6.9

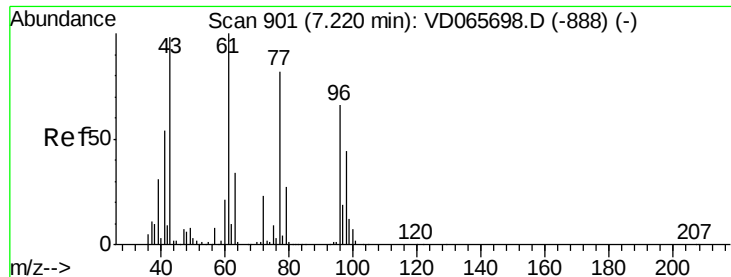


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

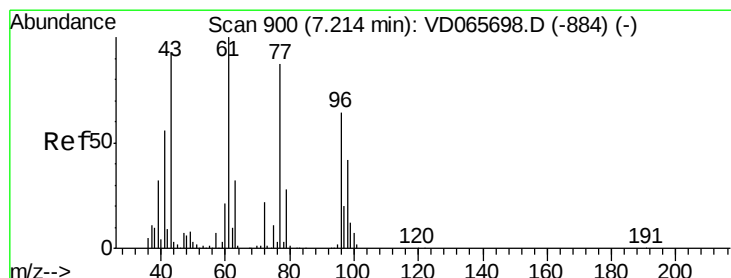
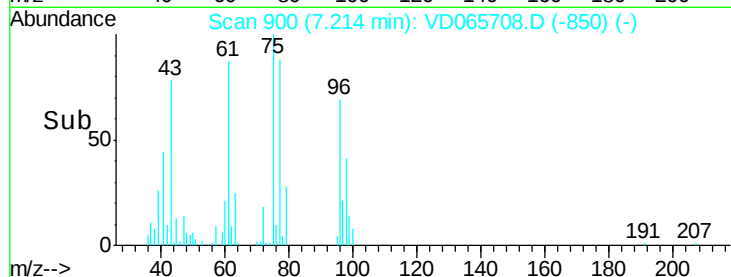
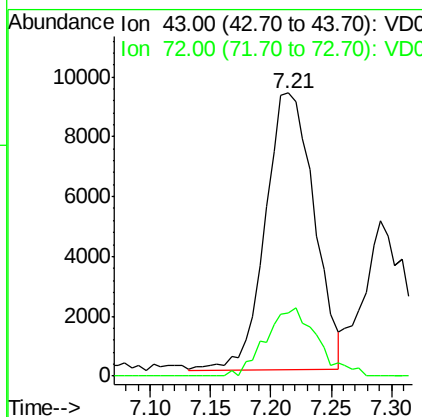
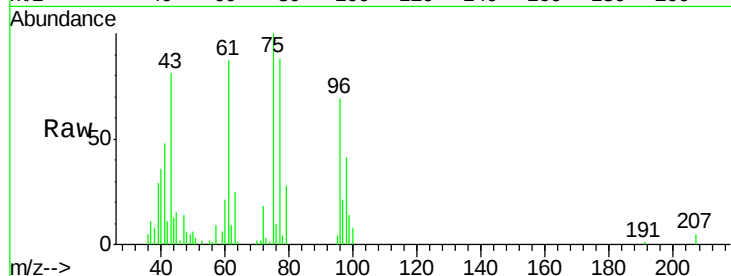




#25
 2-Butanone
 Concen: 19.78 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

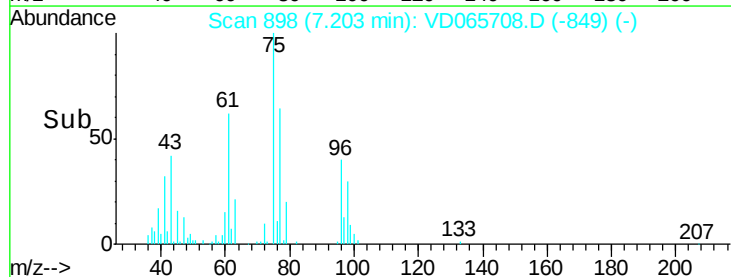
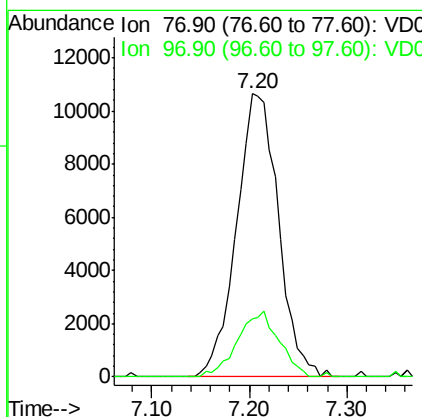
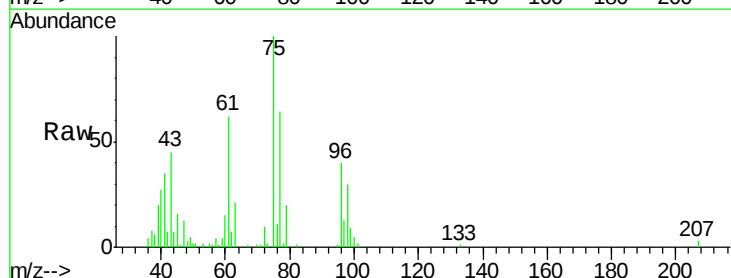
Instrument :
 MSVOA_D
 ClientSampleID :
 VD0308

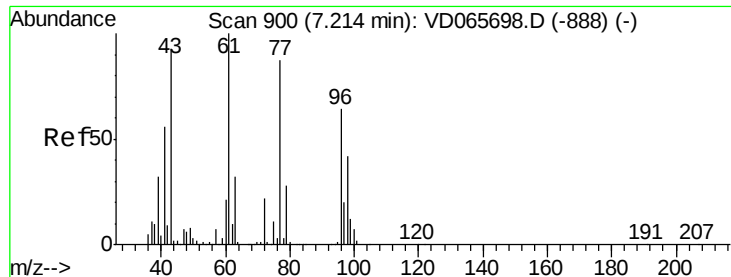
Tgt Ion: 43 Resp: 25820
 Ion Ratio Lower Upper
 43 100
 72 23.2 19.2 28.8



#26
 2,2-Dichloropropane
 Concen: 4.43 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion: 77 Resp: 31773
 Ion Ratio Lower Upper
 77 100
 97 22.8 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 4.13 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0308

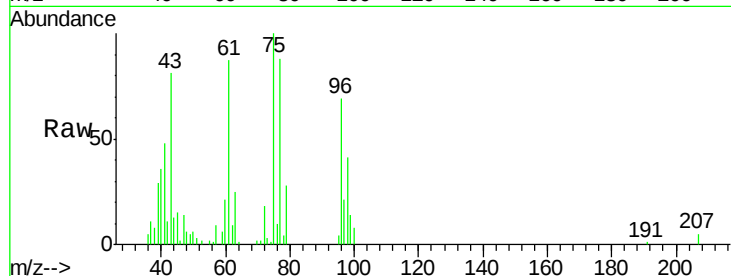
Tgt Ion: 96 Resp: 20154

Ion Ratio Lower Upper

96 100

61 155.6 0.0 306.6

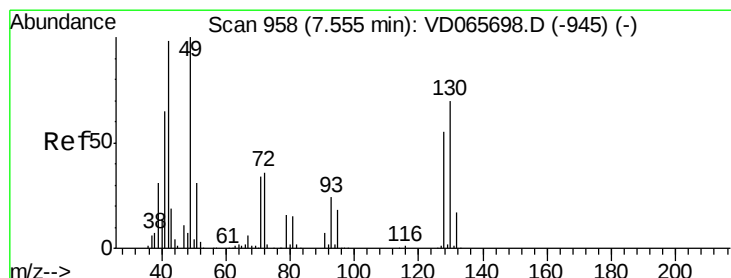
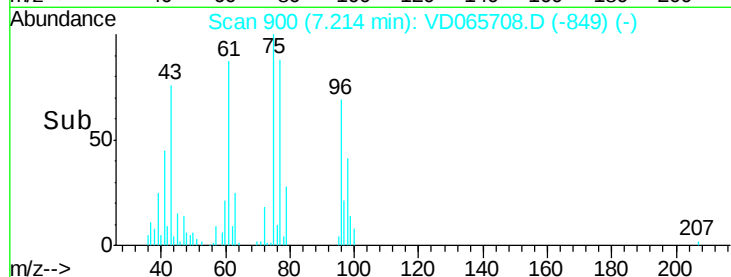
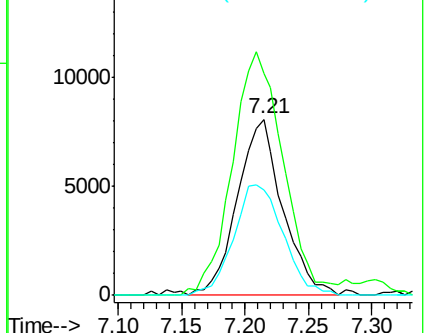
98 68.2 0.0 129.4



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: 3.46 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

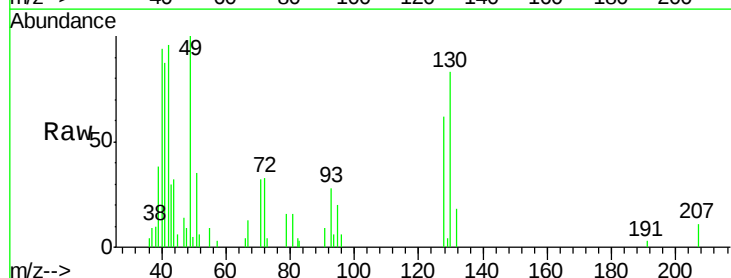
Tgt Ion: 49 Resp: 11501

Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.8

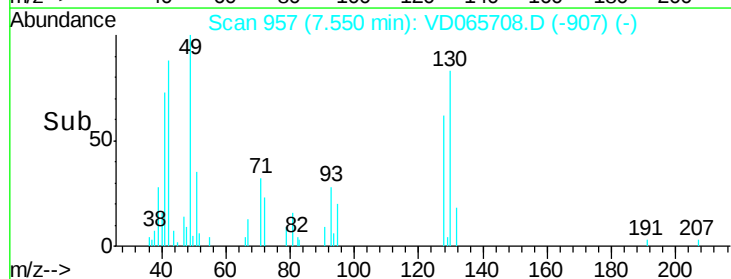
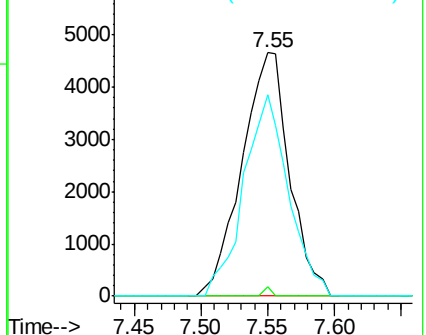
130 77.5 56.4 84.6

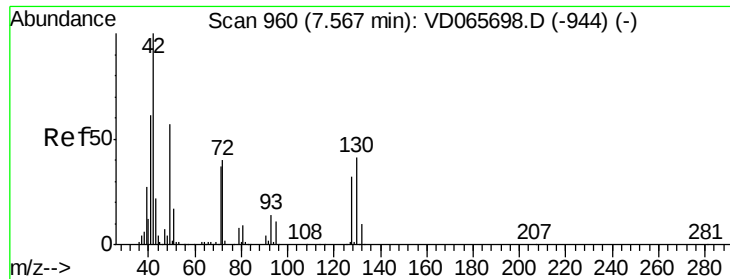


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 20.13 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0308

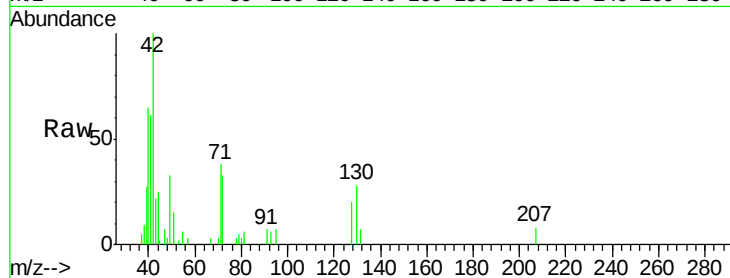
Tgt Ion: 42 Resp: 16937

Ion Ratio Lower Upper

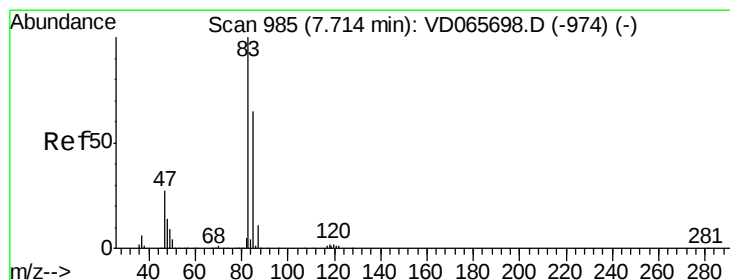
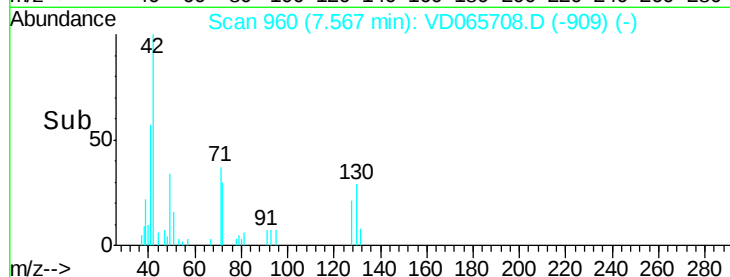
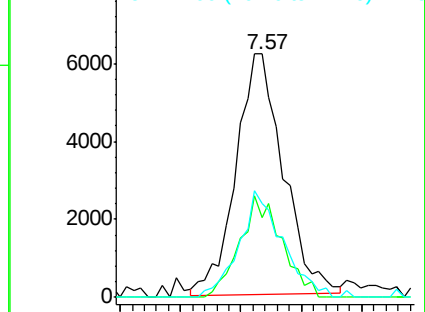
42 100

72 37.1 30.4 45.6

71 40.3 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: 4.15 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD065708.D

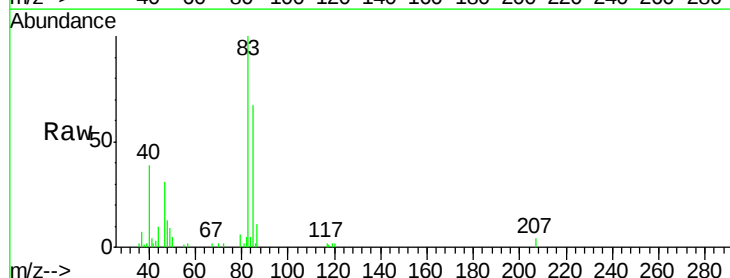
Acq: 07 May 2020 12:56

Tgt Ion: 83 Resp: 31832

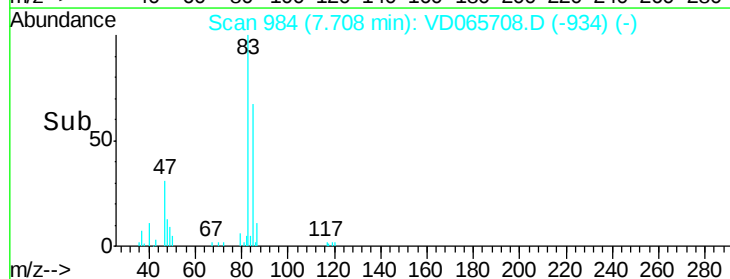
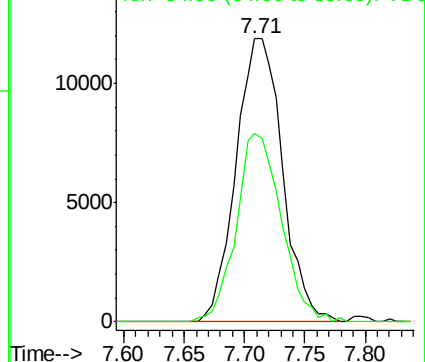
Ion Ratio Lower Upper

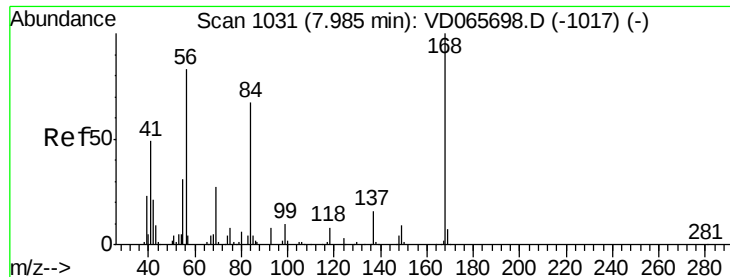
83 100

85 66.8 52.1 78.1



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

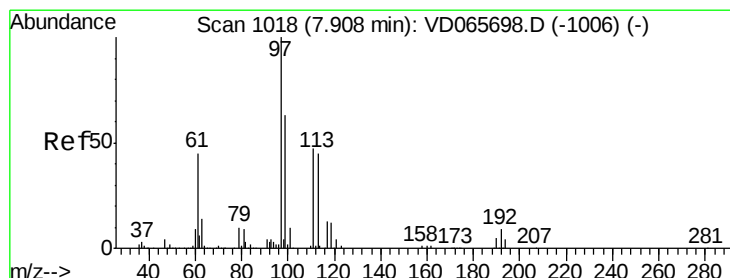
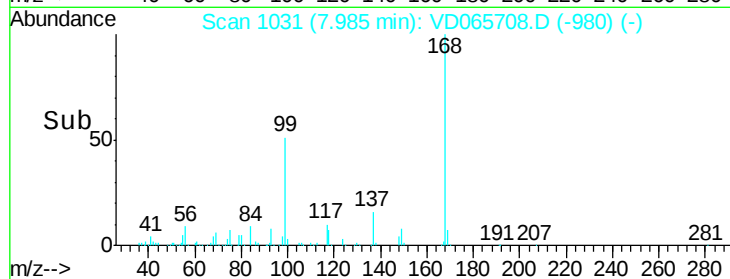
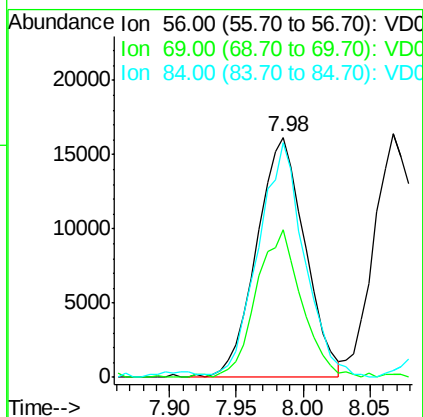
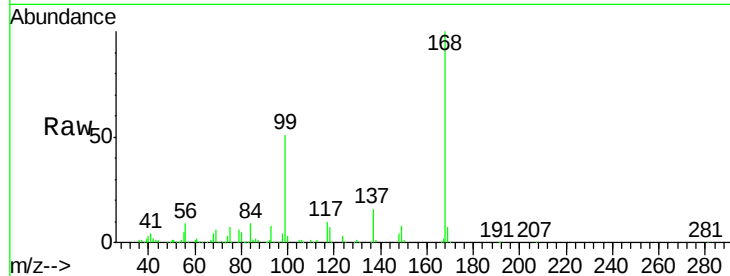




#31
Cyclohexane
Concen: 4.91 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

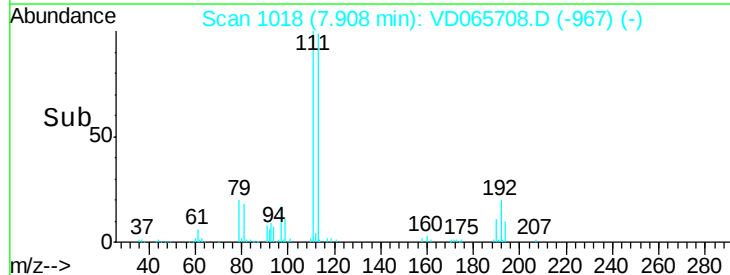
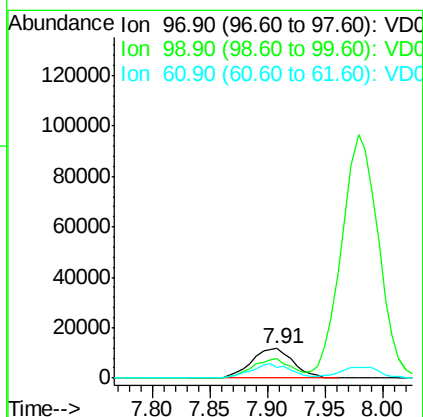
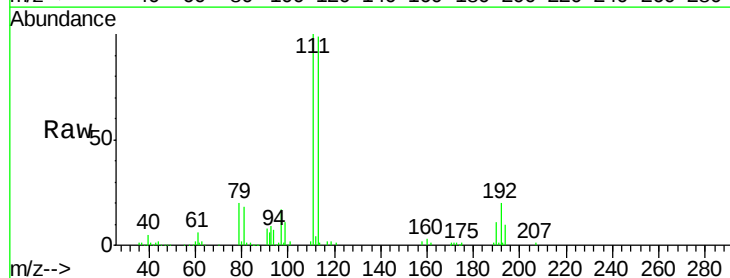
Instrument :
MSVOA_D
ClientSampleId :
VD0308

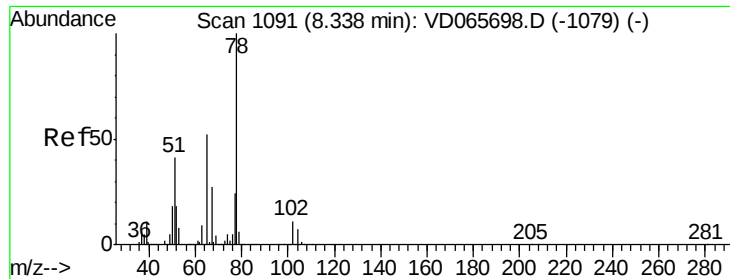
Tgt Ion	Ratio	Lower	Upper
56	100		
69	61.6	26.3	39.5#
84	95.4	64.5	96.7



#32
1,1,1-Trichloroethane
Concen: 4.23 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.8	50.8	76.2
61	44.1	36.0	54.0

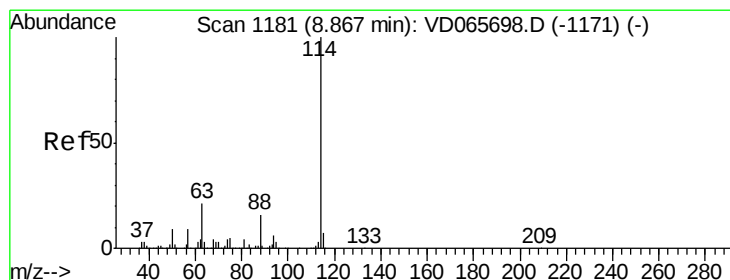
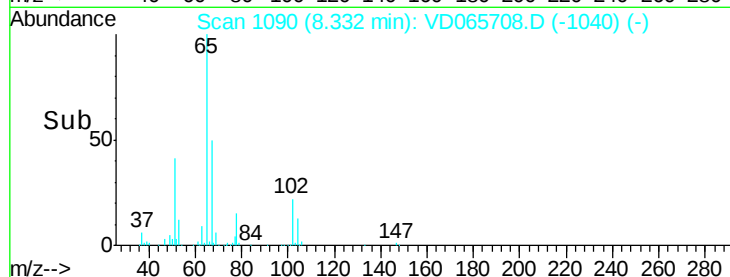
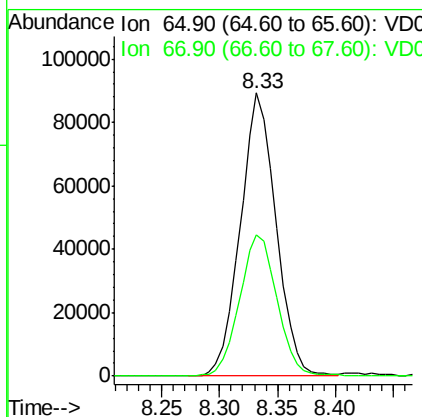
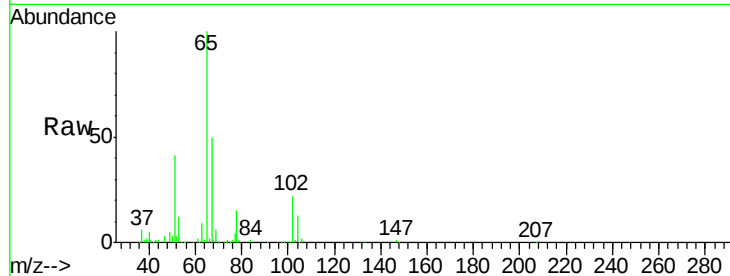




#33
 1,2-Dichloroethane-d4
 Concen: 46.56 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

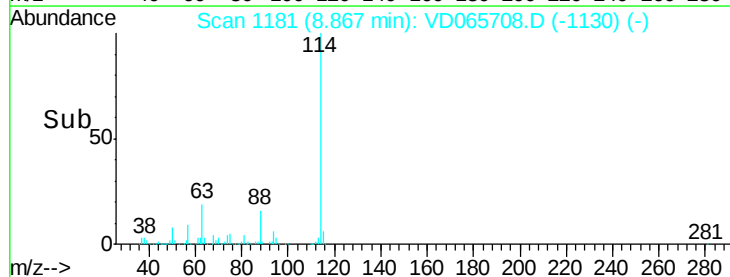
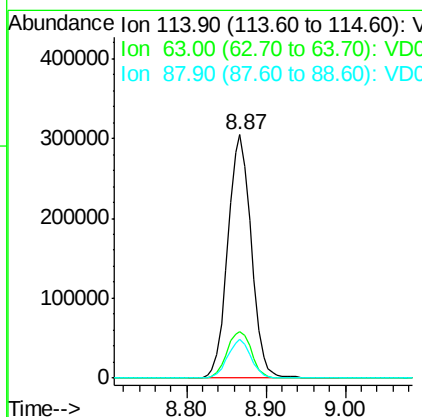
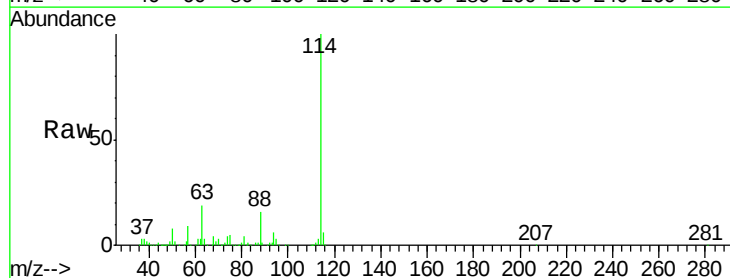
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

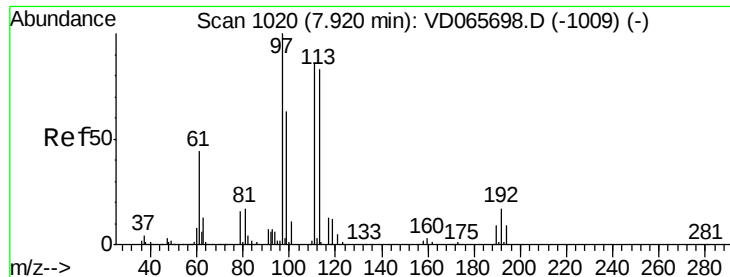
Tgt Ion: 65 Resp: 191862
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion: 114 Resp: 621418
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.7 0.0 32.6

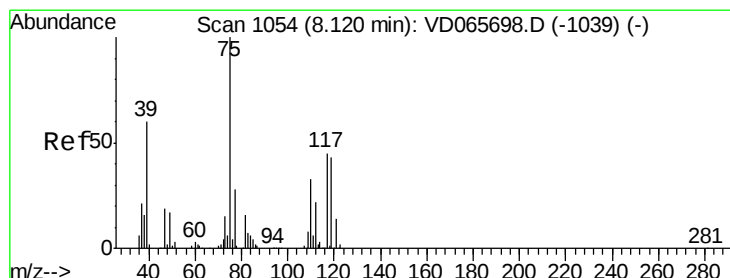
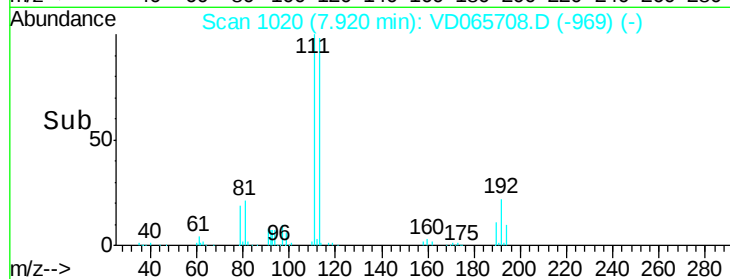
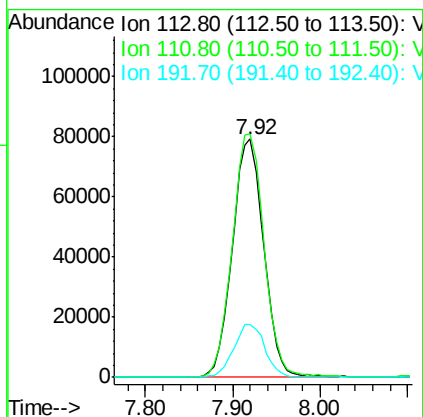
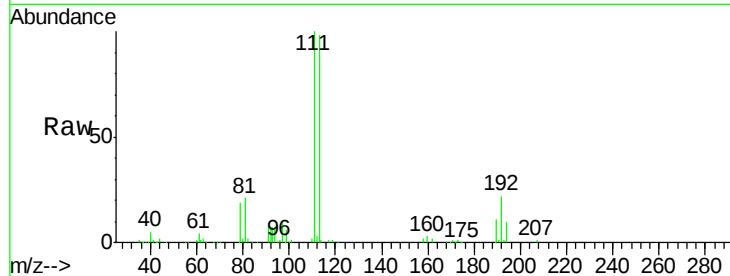




#35
 Dibromofluoromethane
 Concen: 49.56 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

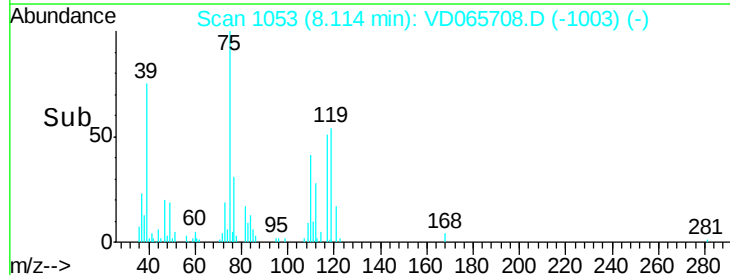
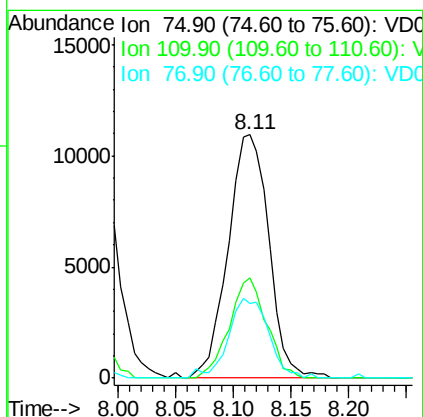
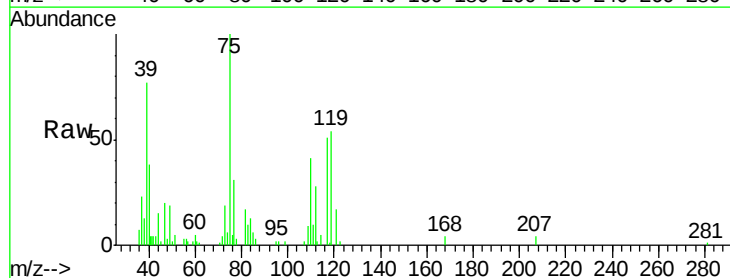
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

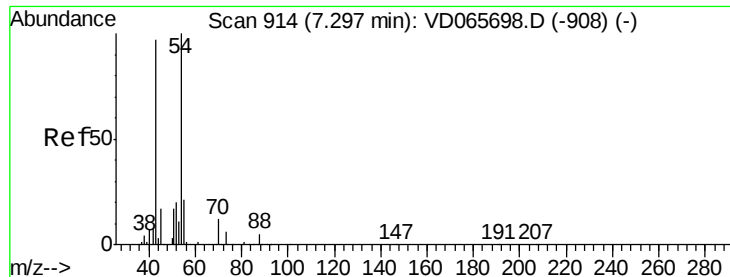
Tgt Ion: 113 Resp: 192486
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.7 124.1
 192 22.1 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 4.35 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion: 75 Resp: 26849
 Ion Ratio Lower Upper
 75 100
 110 37.6 17.2 51.6
 77 32.4 23.7 35.5

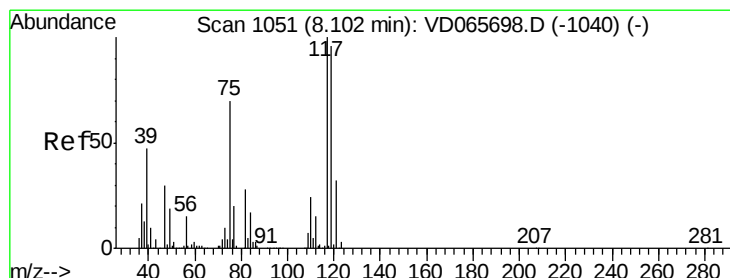
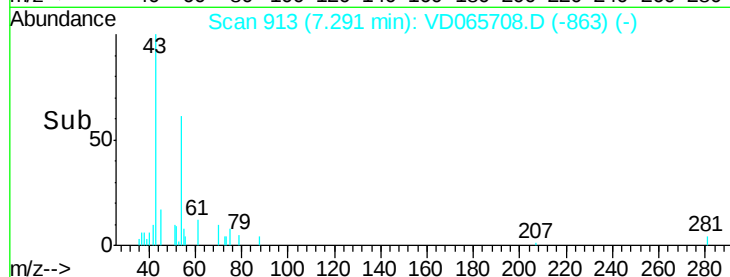
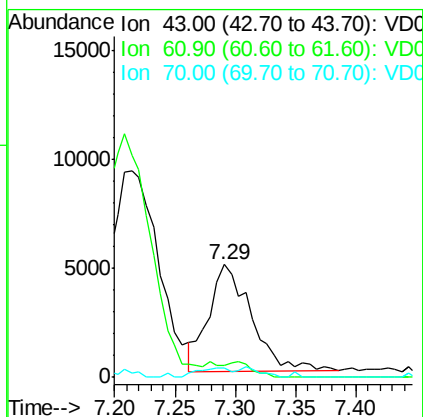
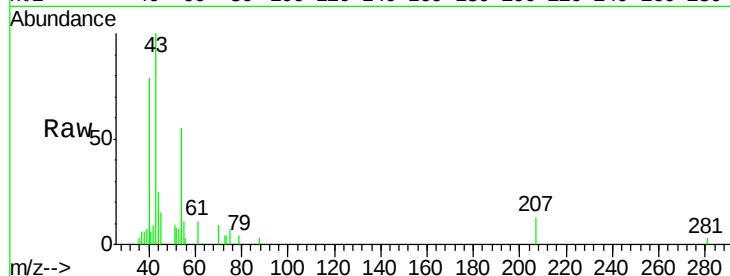




#37
Ethyl Acetate
Concen: 4.02 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

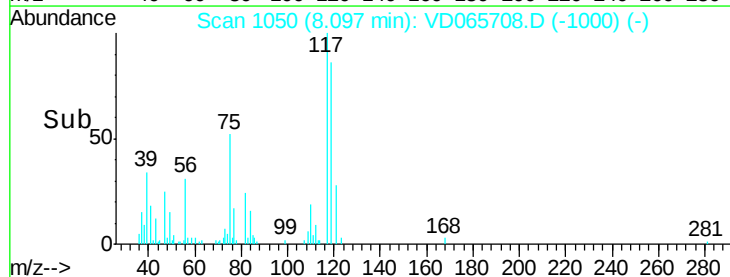
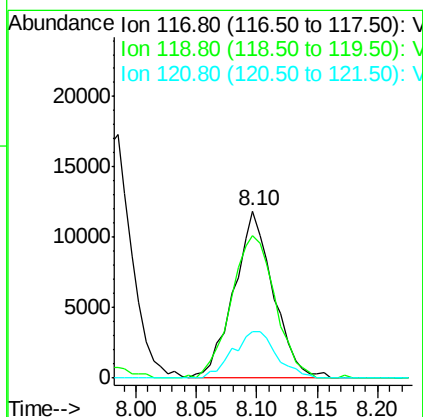
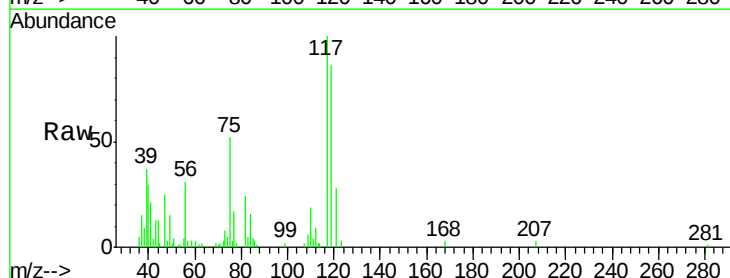
Instrument :
MSVOA_D
ClientSampled :
VD0308

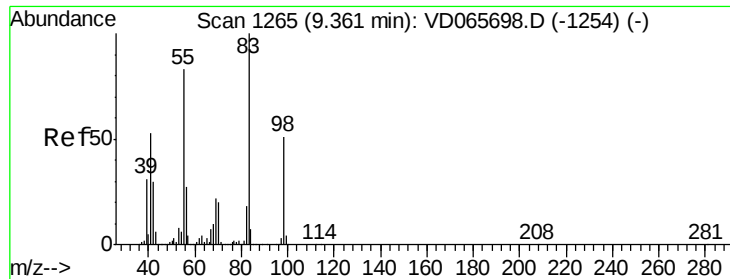
Tgt Ion: 43 Resp: 11932
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 6.8 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 4.41 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion: 117 Resp: 26958
Ion Ratio Lower Upper
117 100
119 85.6 77.1 115.7
121 28.0 25.5 38.3

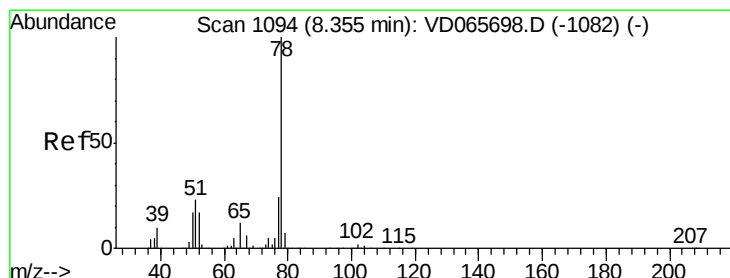
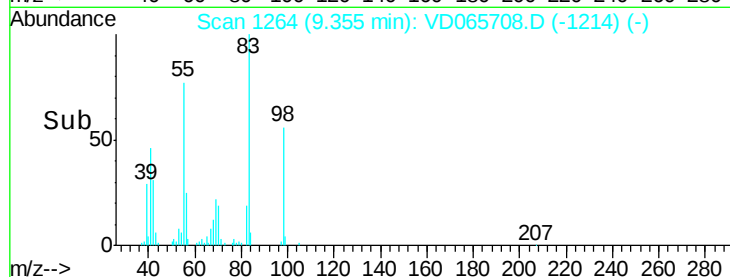
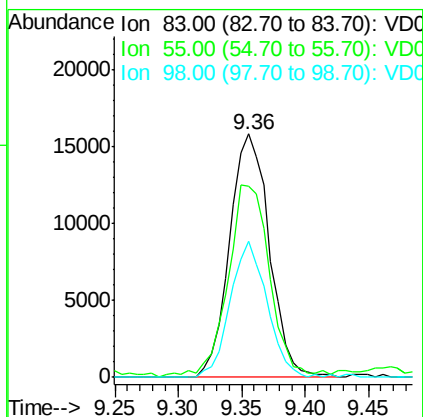
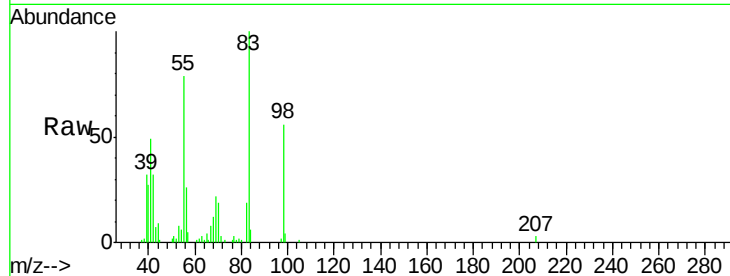




#39
Methylcyclohexane
Concen: 4.43 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

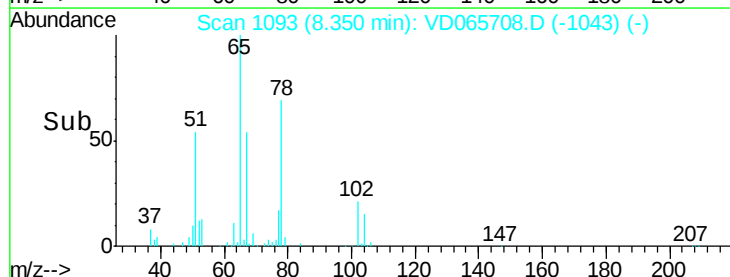
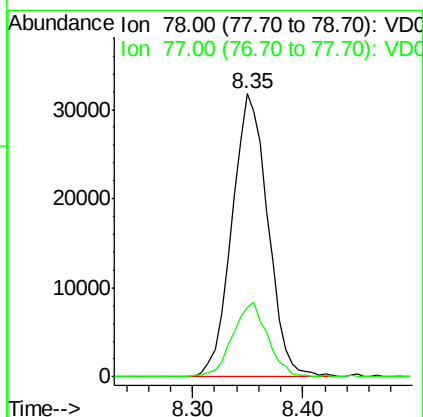
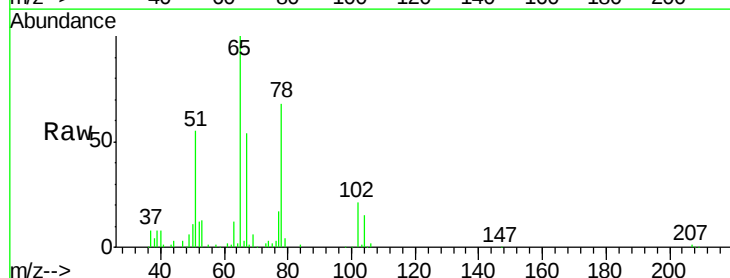
Instrument :
MSVOA_D
ClientSampleId :
VD0308

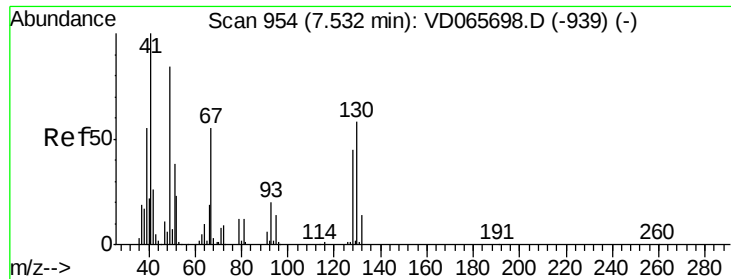
Tgt Ion: 83 Resp: 34343
Ion Ratio Lower Upper
83 100
55 75.9 66.0 99.0
98 55.8 41.0 61.4



#40
Benzene
Concen: 4.30 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion: 78 Resp: 72519
Ion Ratio Lower Upper
78 100
77 24.7 19.6 29.4

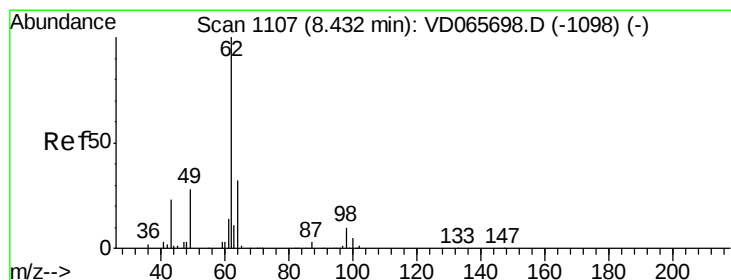
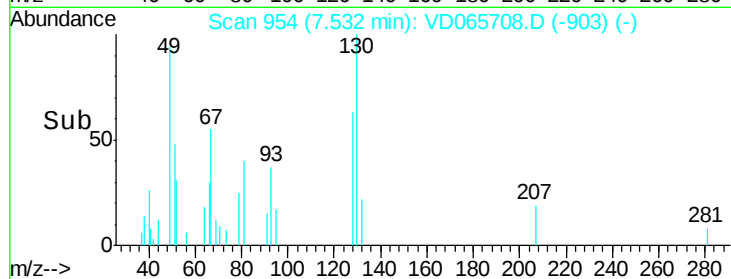
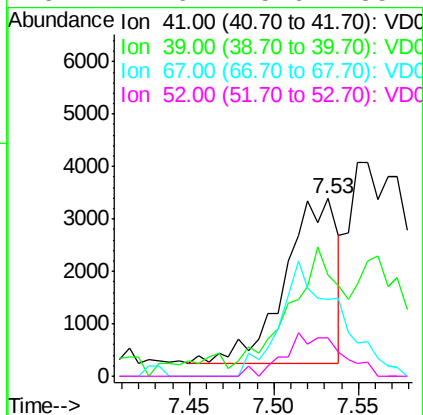
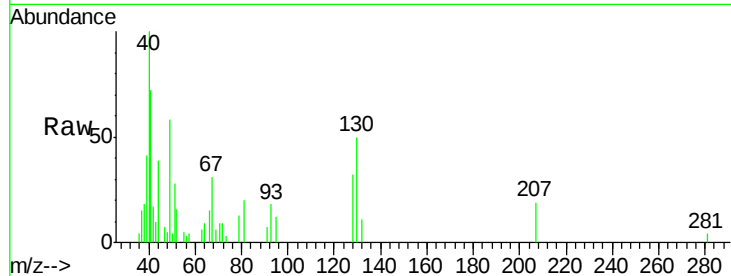




#41
Methacrylonitrile
Concen: 4.00 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

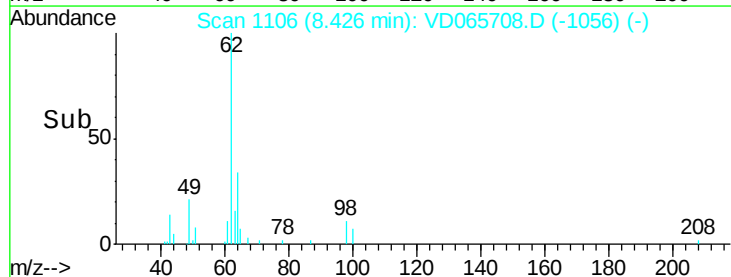
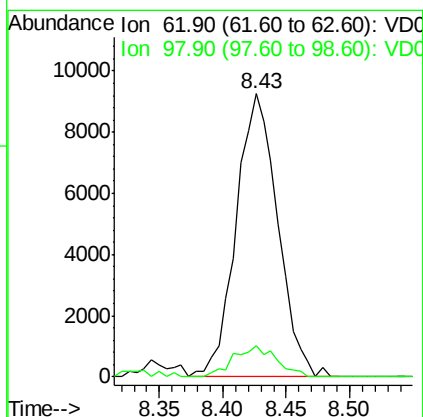
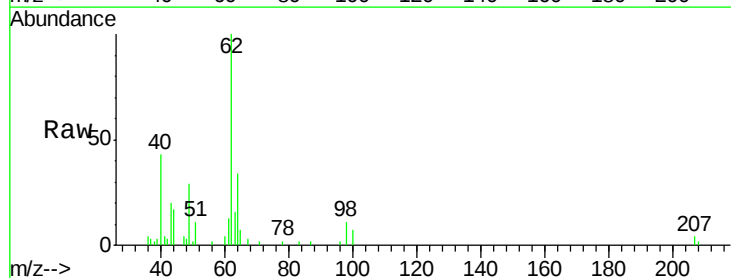
Instrument :
MSVOA_D
ClientSampleId :
VD0308

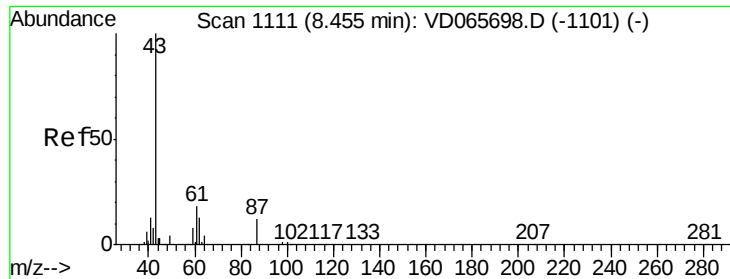
Tgt Ion:	41	Resp:	6848
Ion	Ratio	Lower	Upper
41	100		
39	73.3	52.5	78.7
67	76.8	59.4	89.0
52	27.6	25.6	38.4



#42
1,2-Dichloroethane
Concen: 4.34 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion:	62	Resp:	21061
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 4.17 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0308

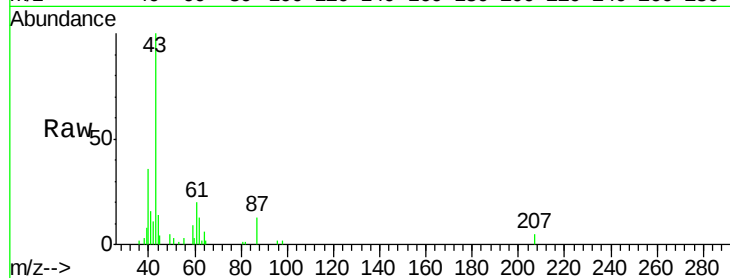
Tgt Ion: 43 Resp: 24787

Ion Ratio Lower Upper

43 100

61 29.9 21.9 32.9

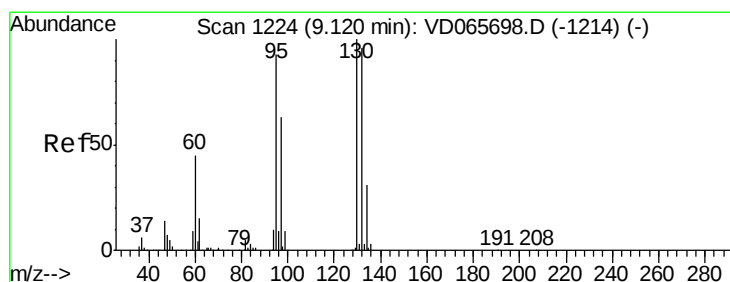
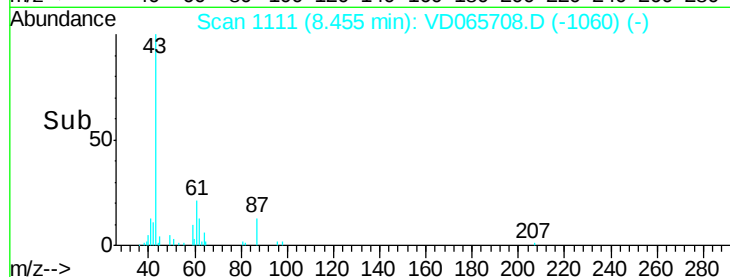
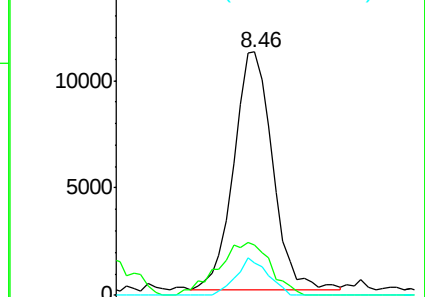
87 12.8 9.4 14.2



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: 4.36 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD065708.D

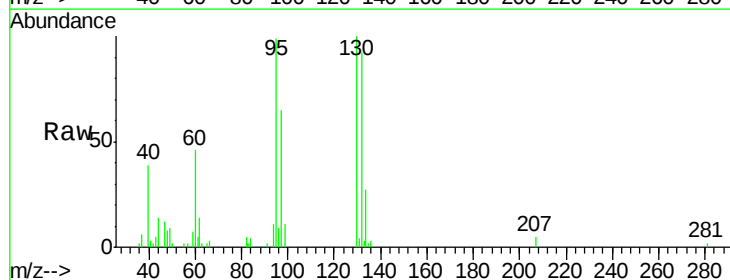
Acq: 07 May 2020 12:56

Tgt Ion: 130 Resp: 20239

Ion Ratio Lower Upper

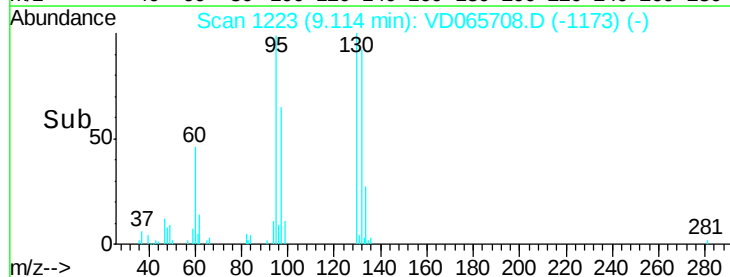
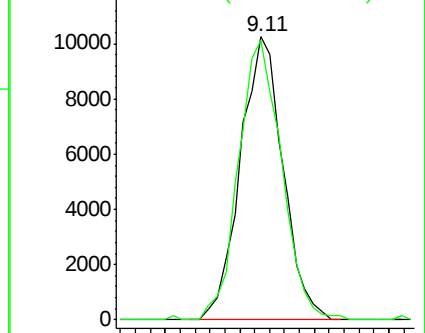
130 100

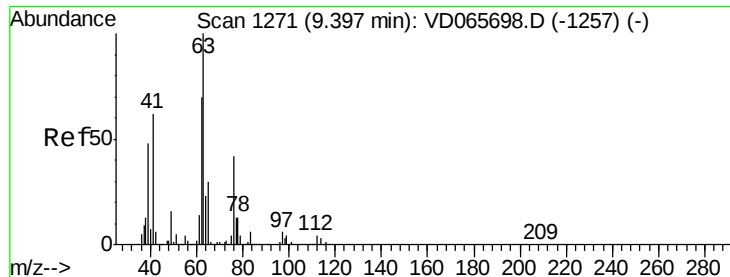
95 98.5 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

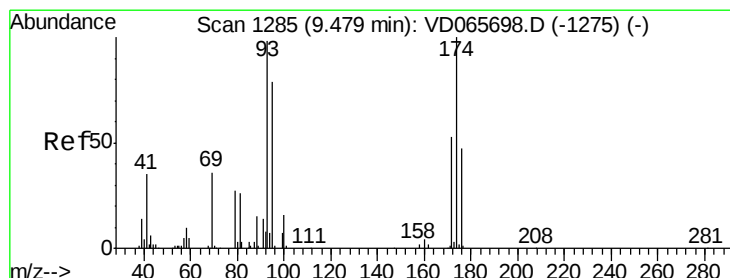
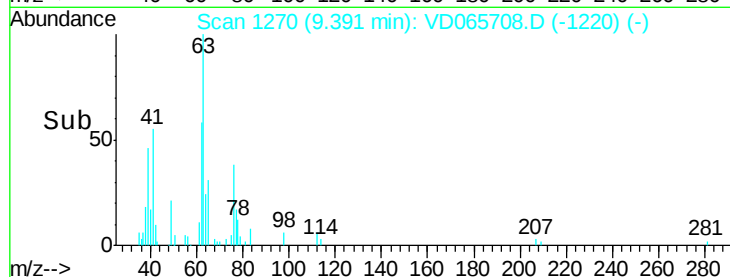
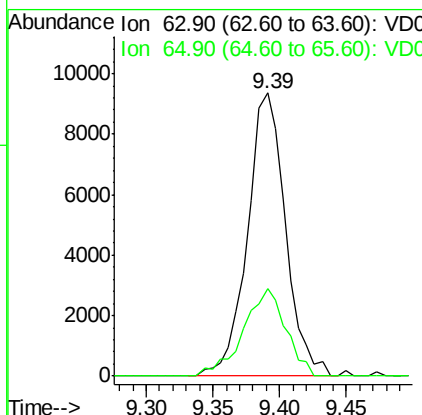
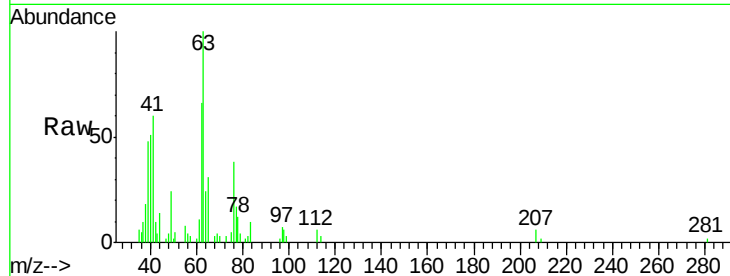




#45
 1,2-Dichloropropane
 Concen: 4.22 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

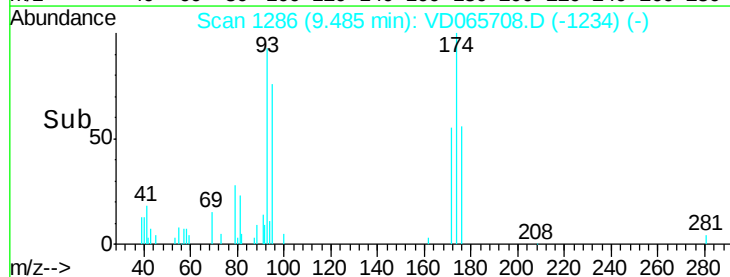
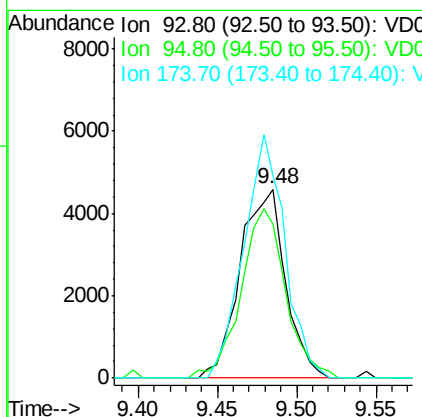
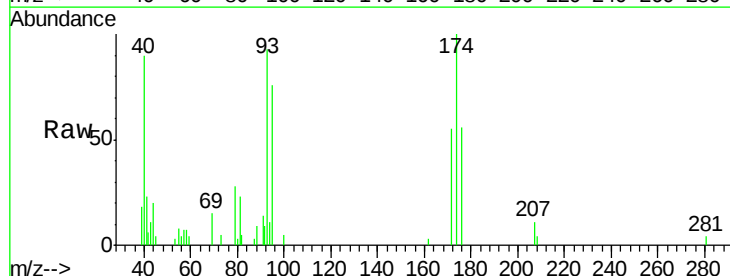
Instrument :
 MSVOA_D
 ClientSampleID :
 VD0308

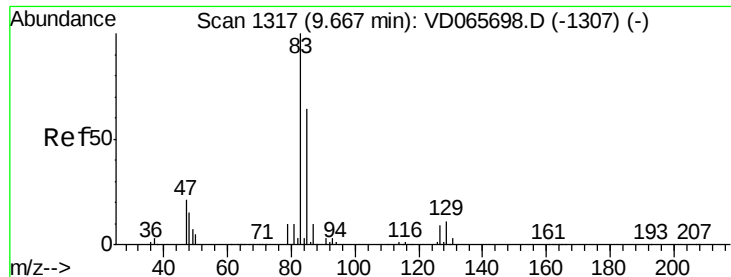
Tgt Ion: 63 Resp: 18406
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.1 36.1



#46
 Dibromomethane
 Concen: 4.18 ug/l
 RT: 9.48 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion: 93 Resp: 9130
 Ion Ratio Lower Upper
 93 100
 95 88.1 65.3 97.9
 174 116.8 82.7 124.1





#47

Bromodichloromethane

Concen: 4.26 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0308

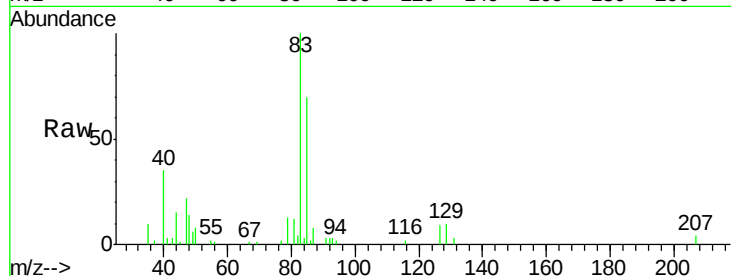
Tgt Ion: 83 Resp: 24931

Ion Ratio Lower Upper

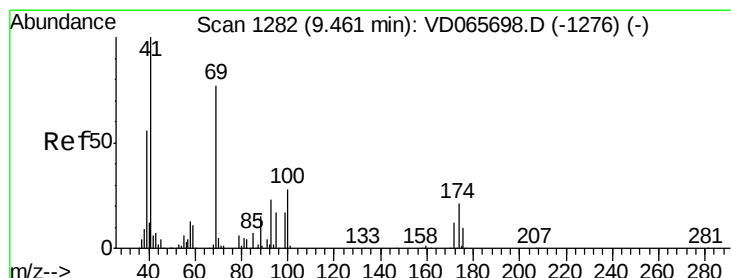
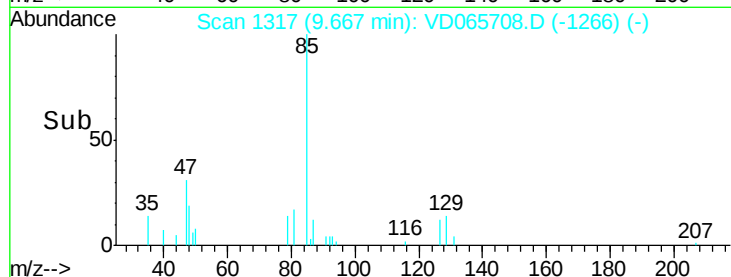
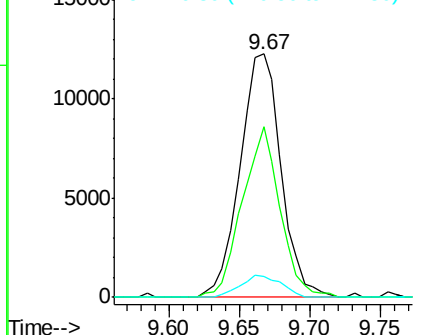
83 100

85 69.9 50.9 76.3

127 8.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 3.93 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

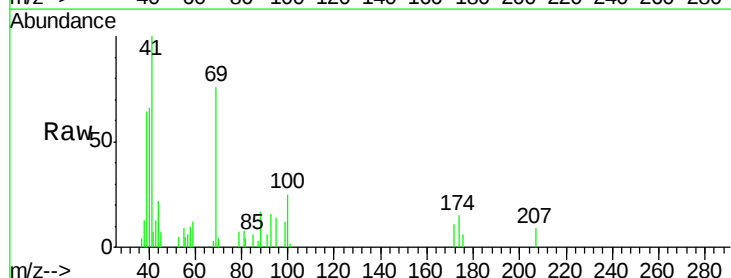
Tgt Ion: 41 Resp: 11679

Ion Ratio Lower Upper

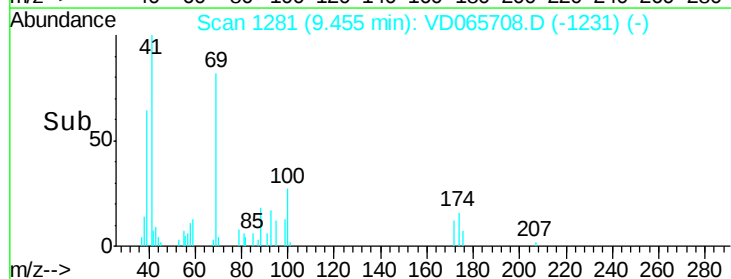
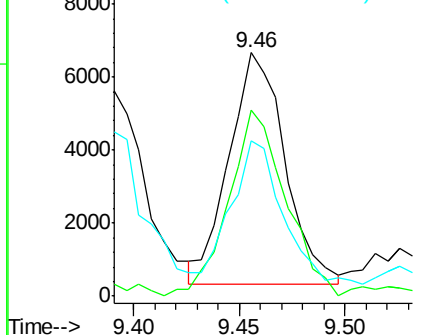
41 100

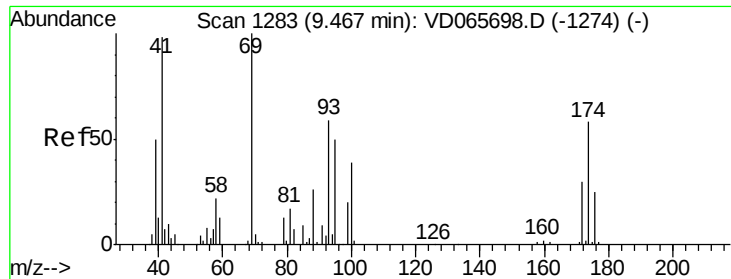
69 82.0 58.2 87.2

39 57.3 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

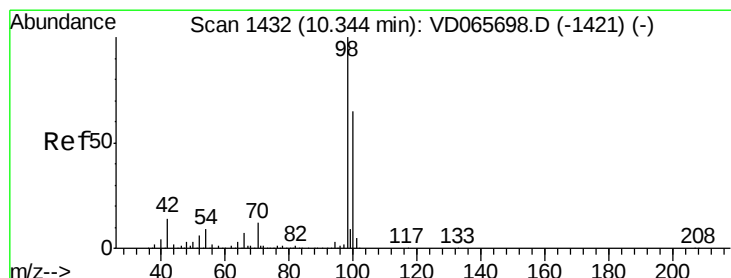
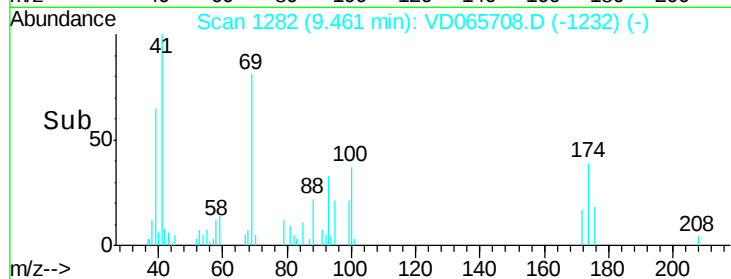
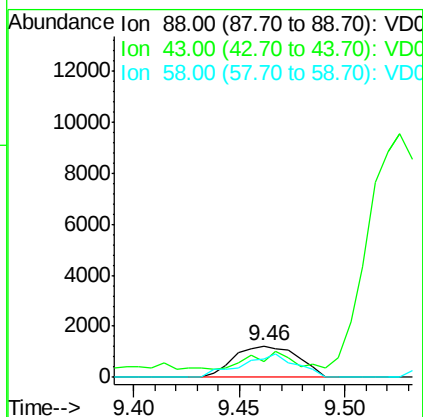
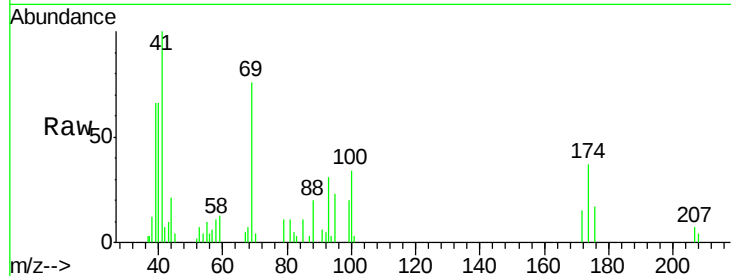




#49
1,4-Dioxane
Concen: 96.19 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

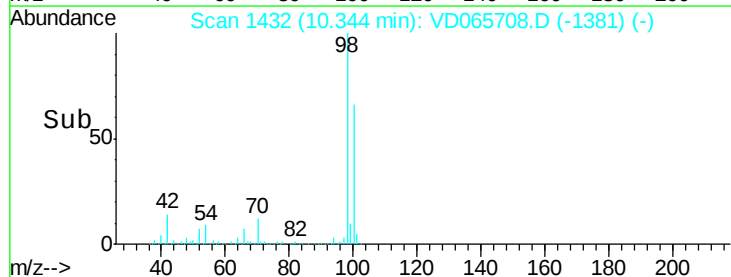
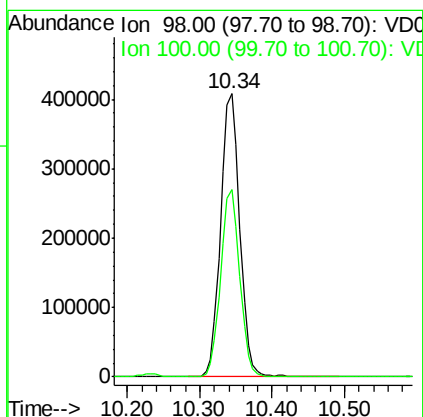
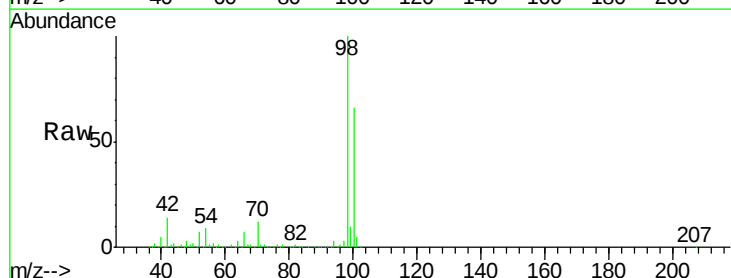
Instrument :
MSVOA_D
ClientSampleId :
VD0308

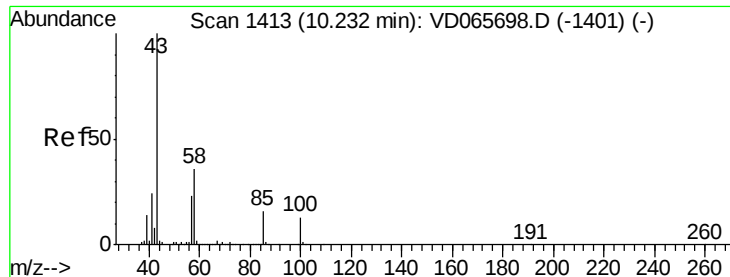
Tgt Ion: 88 Resp: 2578
Ion Ratio Lower Upper
88 100
43 39.2 31.6 47.4
58 64.0 60.2 90.4



#50
Toluene-d8
Concen: 50.42 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion: 98 Resp: 752059
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

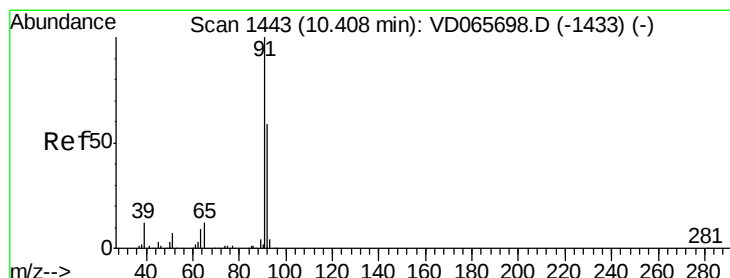
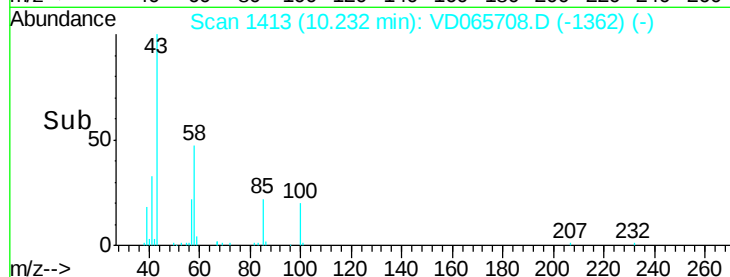
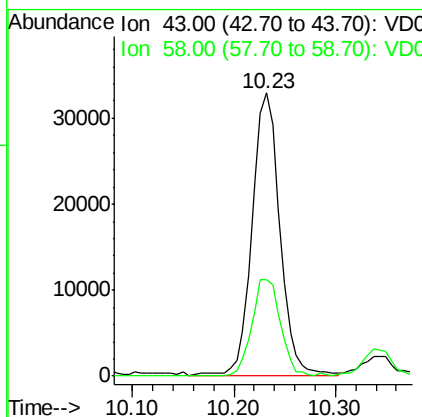
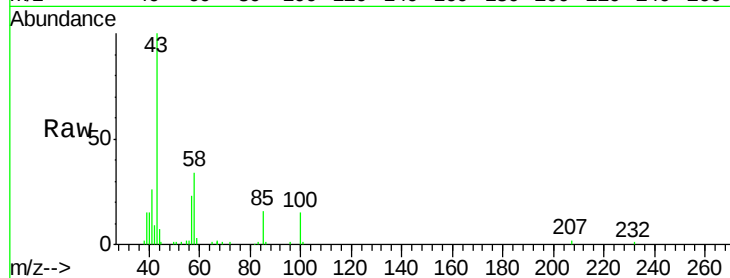




#51
 4-Methyl-2-Pentanone
 Concen: 22.11 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

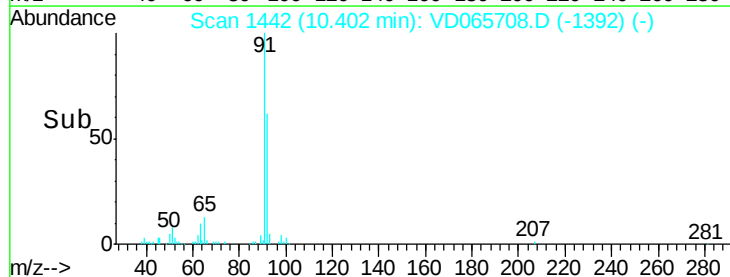
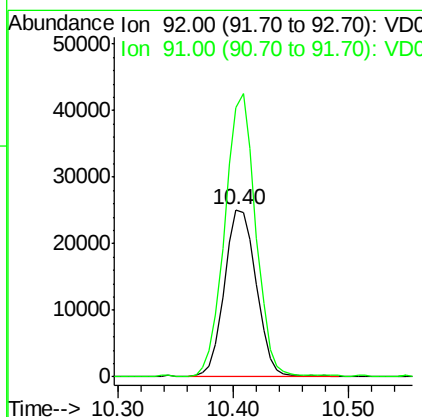
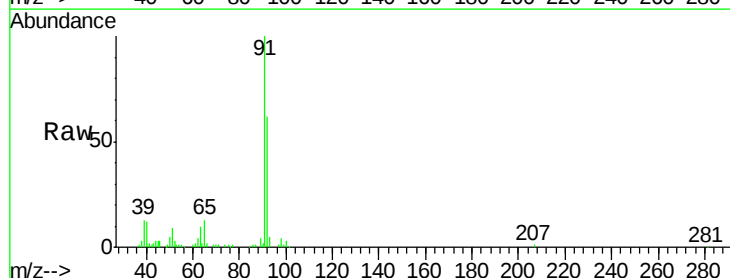
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

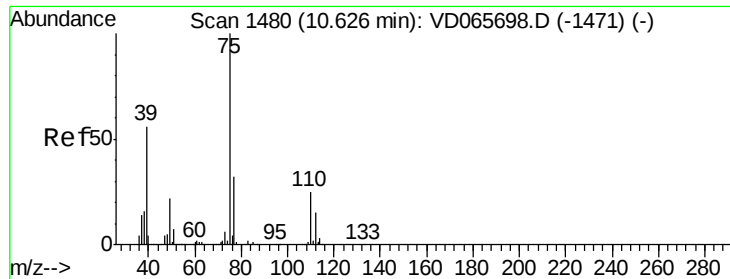
Tgt Ion: 43 Resp: 63312
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.6 42.8



#52
 Toluene
 Concen: 4.52 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion: 92 Resp: 48175
 Ion Ratio Lower Upper
 92 100
 91 163.7 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 3.98 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleID :

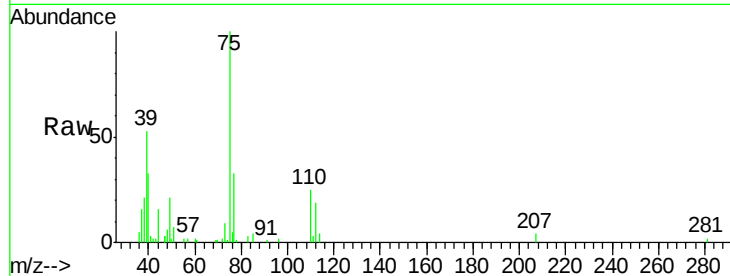
VD0308

Tgt Ion: 75 Resp: 23578

Ion Ratio Lower Upper

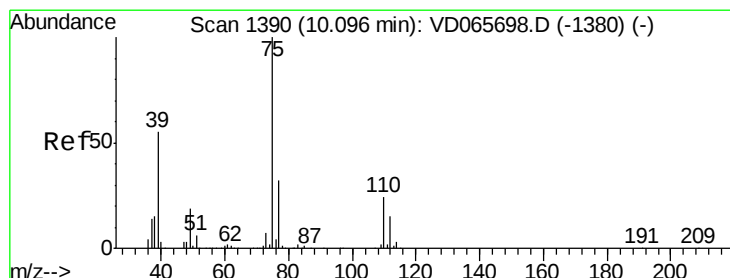
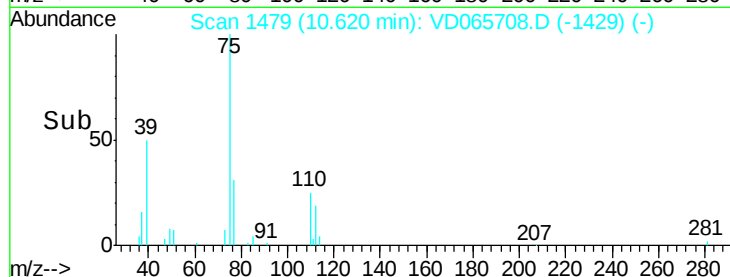
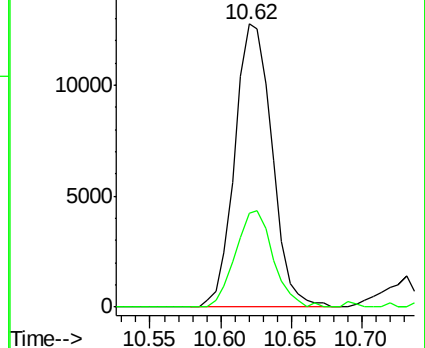
75 100

77 33.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 4.18 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

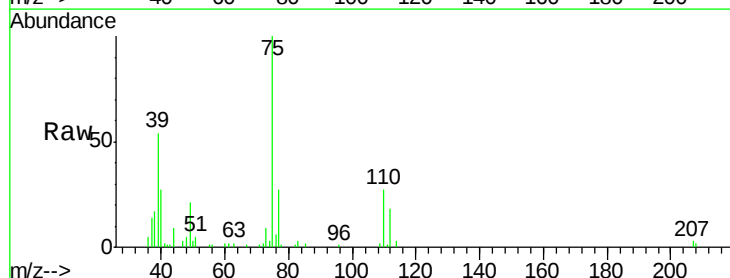
Tgt Ion: 75 Resp: 29137

Ion Ratio Lower Upper

75 100

77 26.7 25.8 38.8

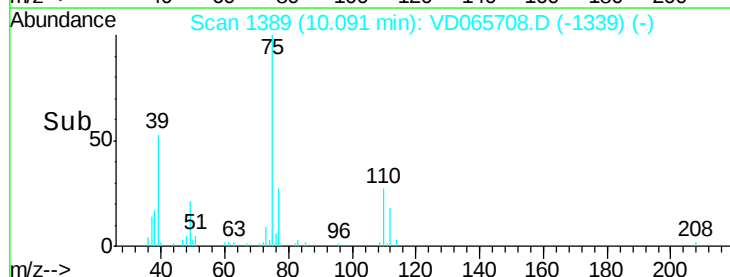
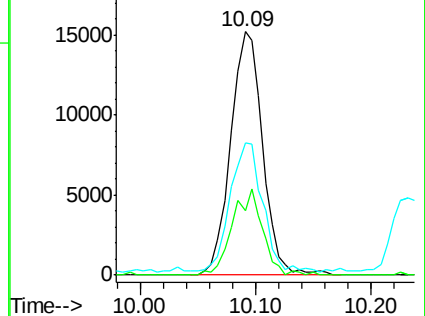
39 52.7 44.4 66.6

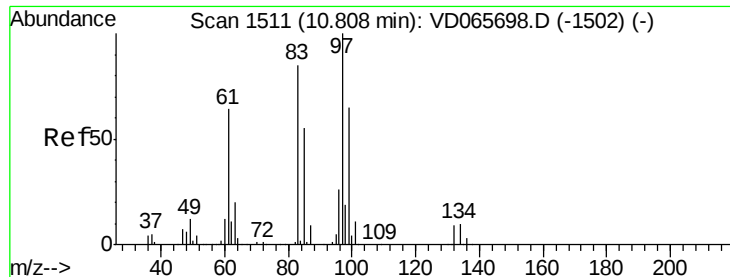


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

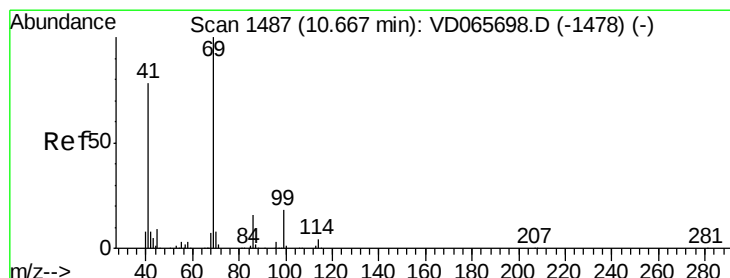
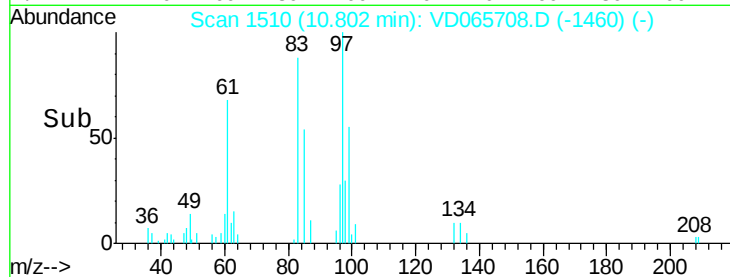
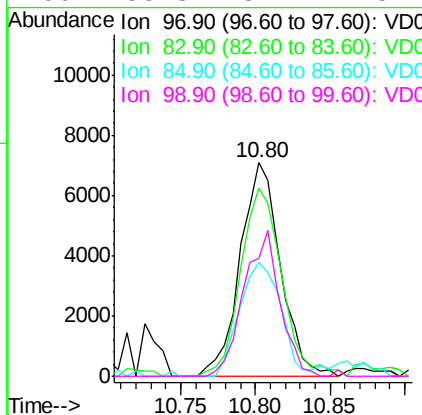
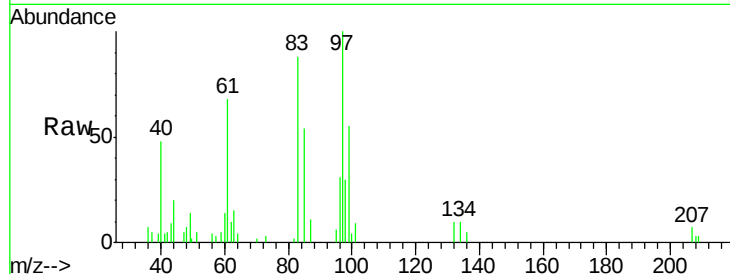




#55
 1,1,2-Trichloroethane
 Concen: 4.50 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

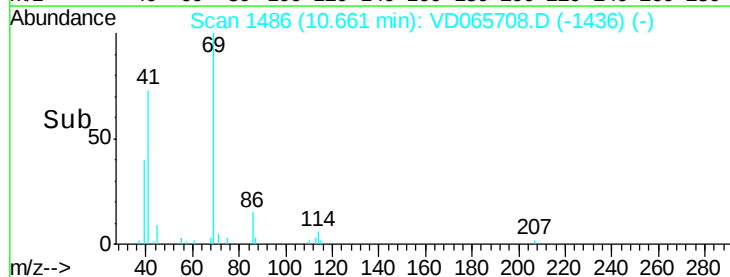
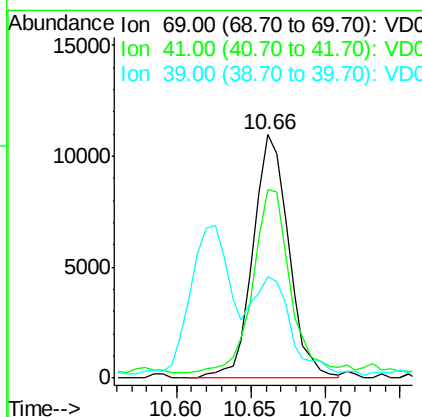
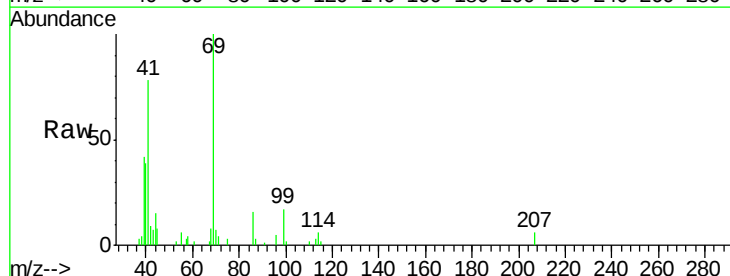
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

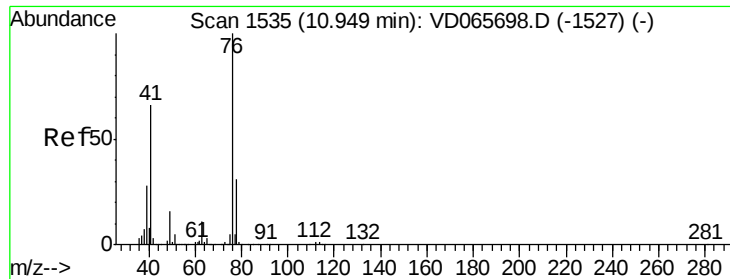
Tgt Ion:	97	Resp:	13257
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.2	102.4
85	53.6	43.6	65.4
99	55.3	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 4.25 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion:	69	Resp:	18073
Ion	Ratio	Lower	Upper
69	100		
41	78.7	61.4	92.0
39	45.4	32.7	49.1





#57

1,3-Dichloropropane

Concen: 4.36 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampled :

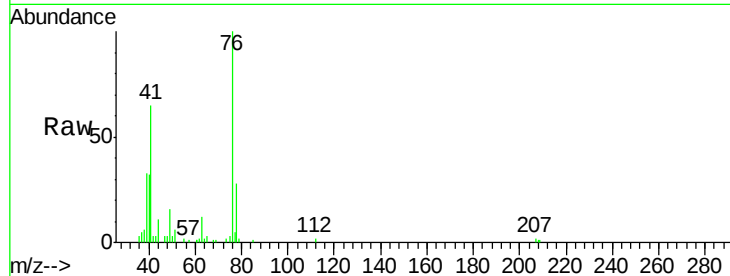
VD0308

Tgt Ion: 76 Resp: 23120

Ion Ratio Lower Upper

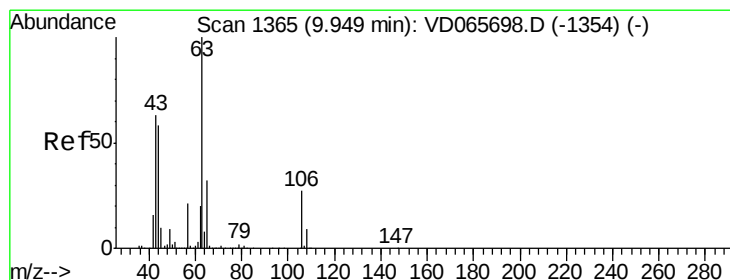
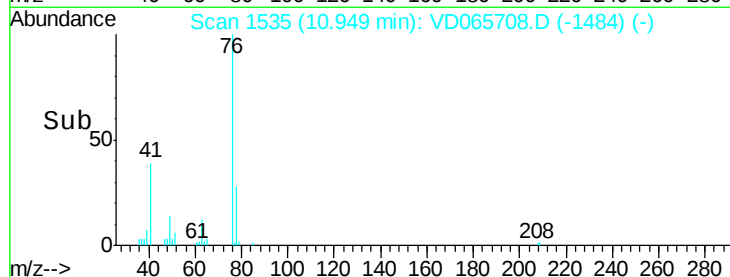
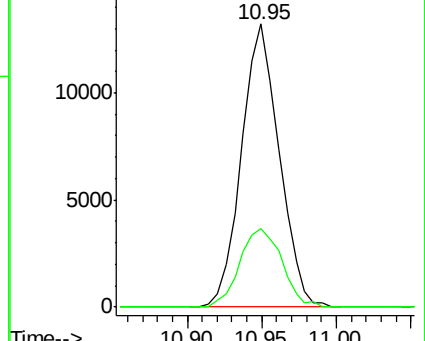
76 100

78 31.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 20.13 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065708.D

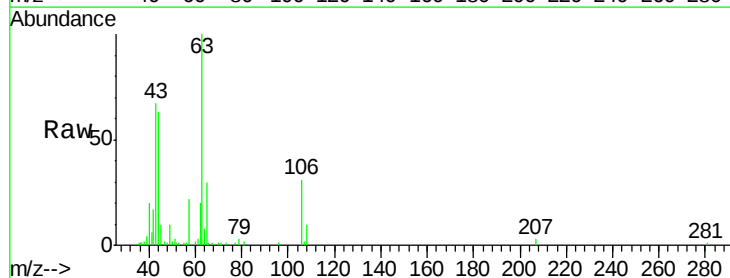
Acq: 07 May 2020 12:56

Tgt Ion: 63 Resp: 39326

Ion Ratio Lower Upper

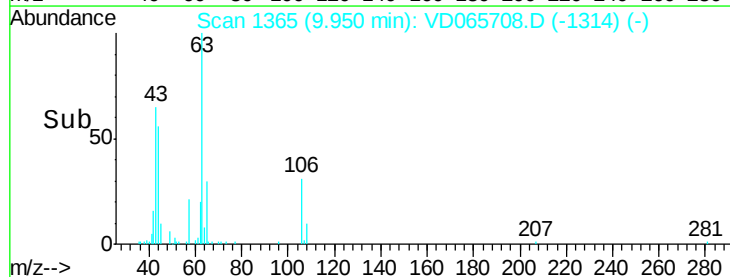
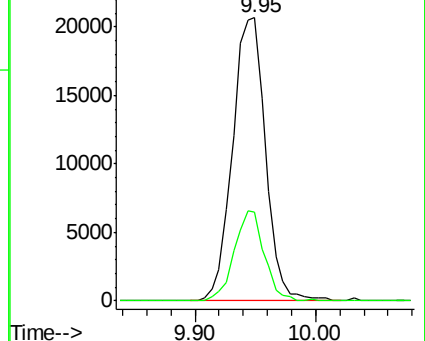
63 100

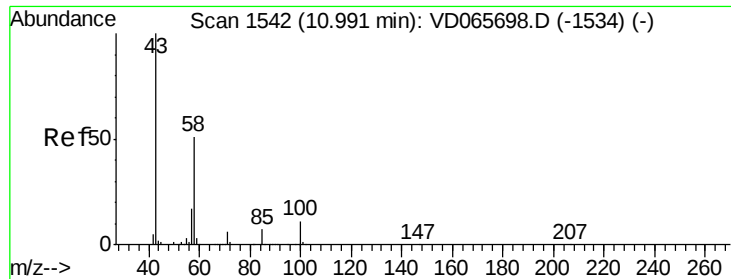
106 28.8 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

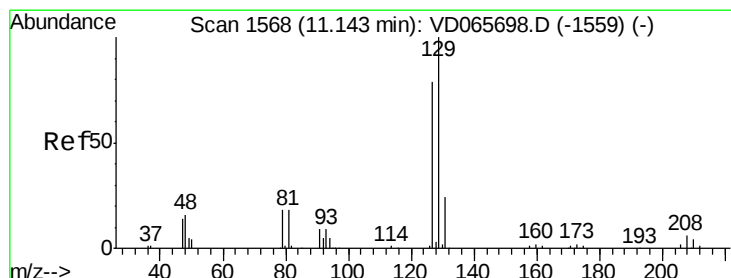
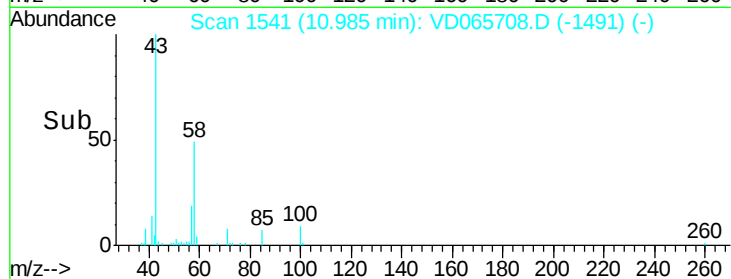
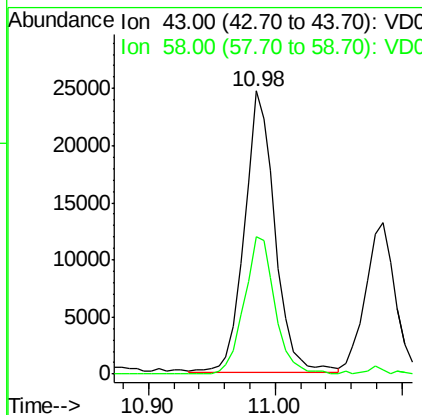
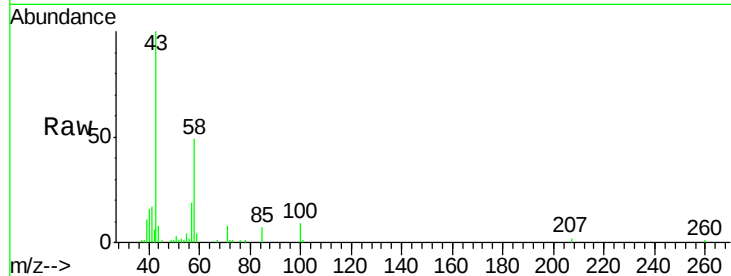




#59
2-Hexanone
Concen: 20.70 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

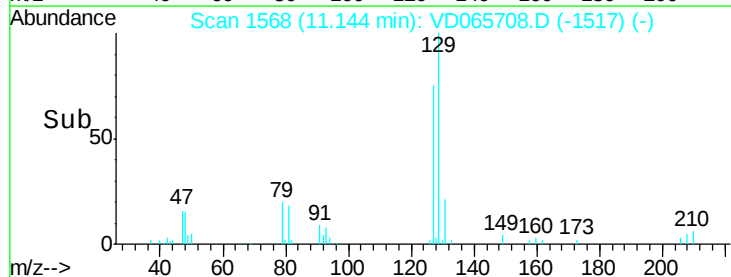
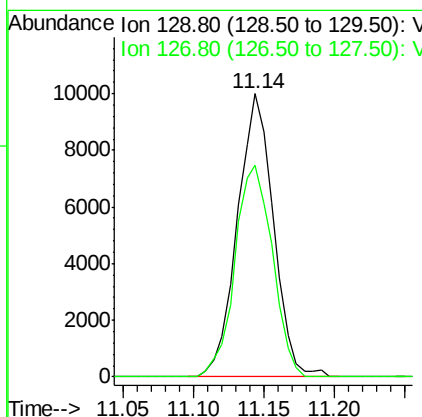
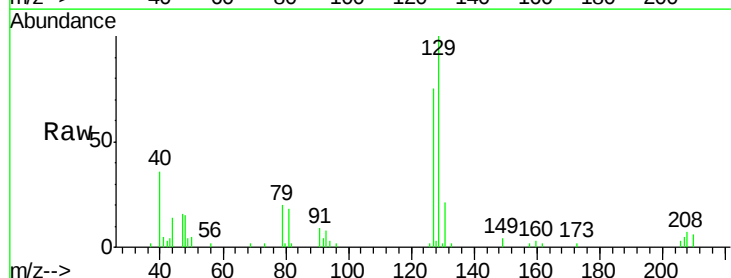
Instrument :
MSVOA_D
ClientSampleId :
VD0308

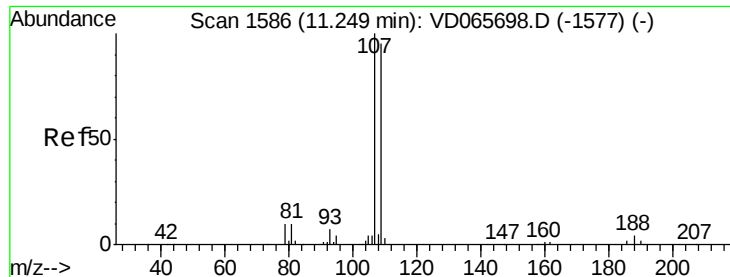
Tgt Ion: 43 Resp: 40766
Ion Ratio Lower Upper
43 100
58 50.0 25.4 76.0



#60
Dibromochloromethane
Concen: 4.51 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion: 129 Resp: 17865
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6

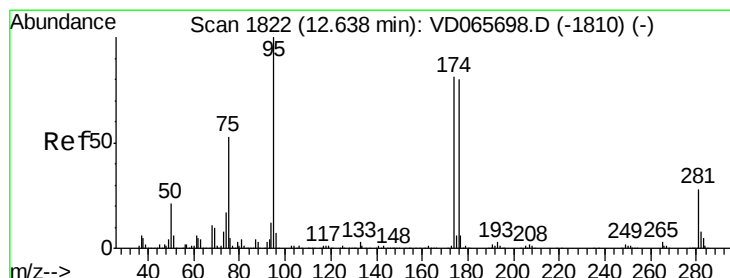
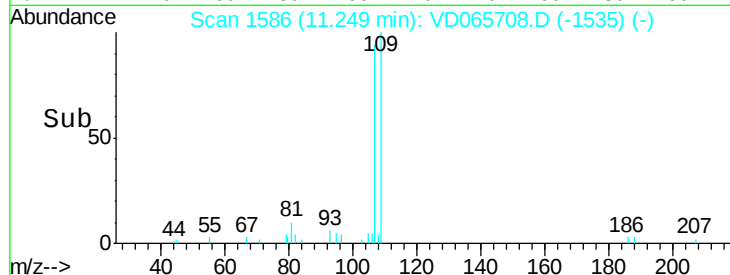
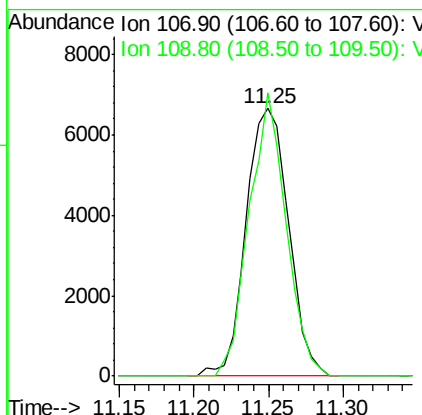
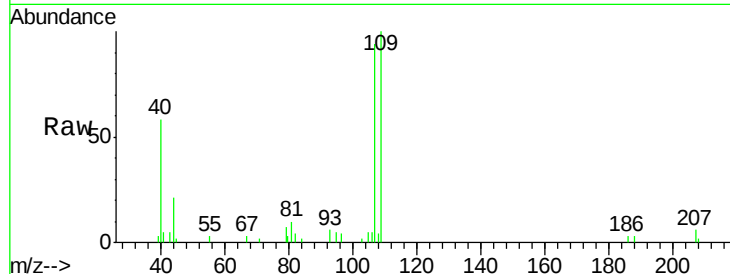




#61
 1,2-Dibromoethane
 Concen: 4.41 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

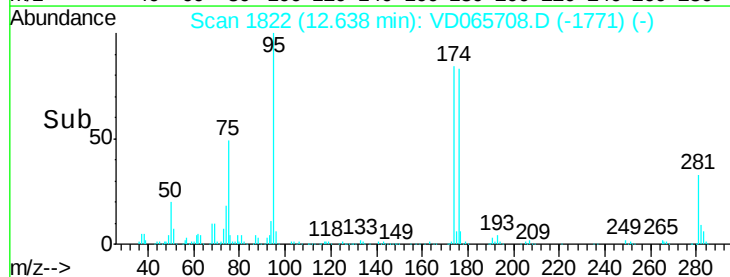
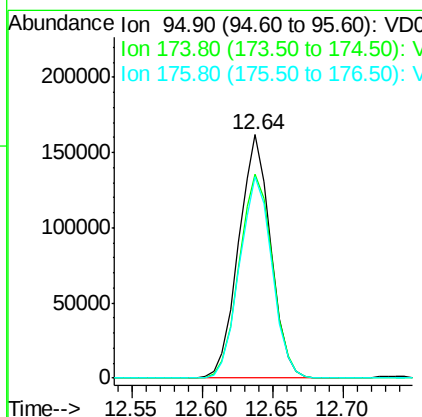
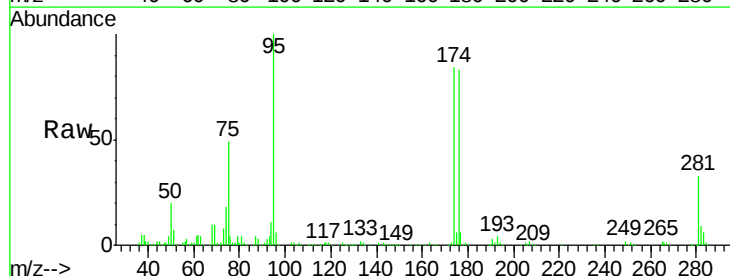
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

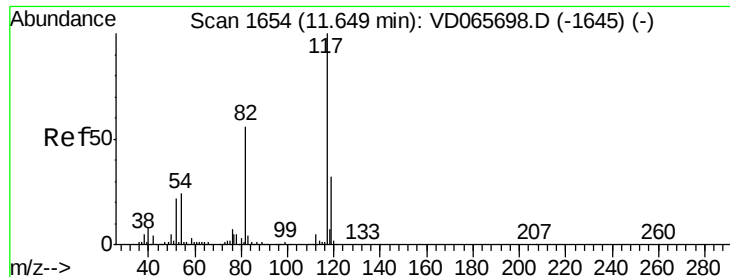
Tgt Ion: 107 Resp: 13082
 Ion Ratio Lower Upper
 107 100
 109 91.9 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 48.40 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion: 95 Resp: 255930
 Ion Ratio Lower Upper
 95 100
 174 87.1 0.0 162.6
 176 84.1 0.0 159.0

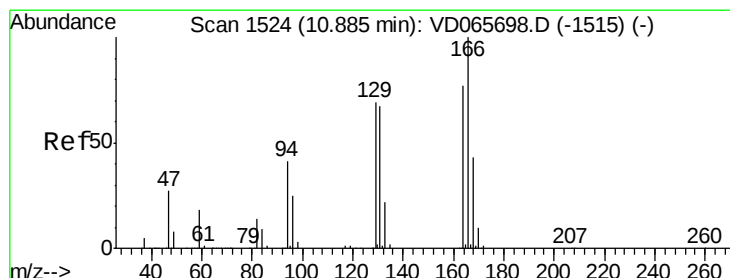
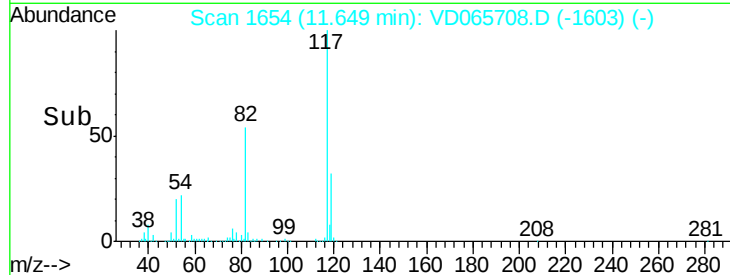
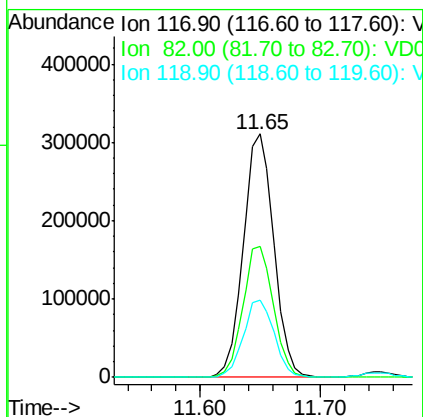
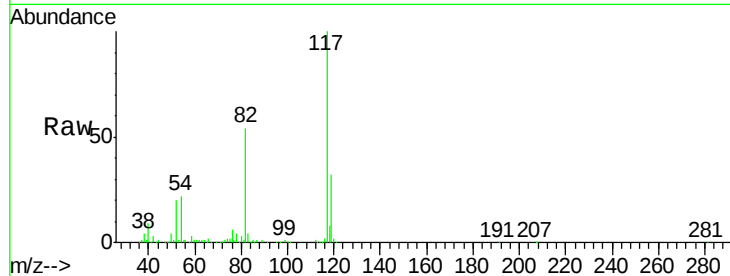




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

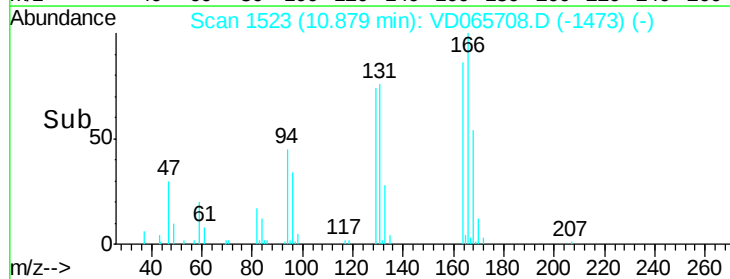
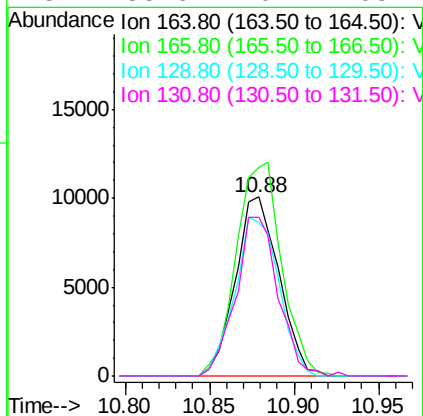
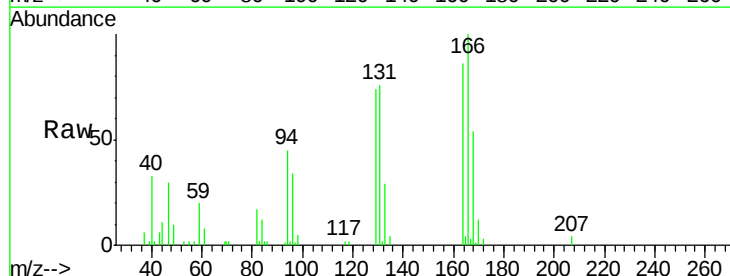
Instrument :
MSVOA_D
ClientSampleId :
VD0308

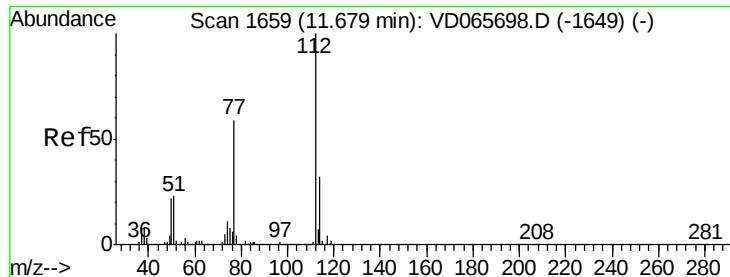
Tgt Ion:117 Resp: 548132
Ion Ratio Lower Upper
117 100
82 53.8 44.9 67.3
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 4.64 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion:164 Resp: 18105
Ion Ratio Lower Upper
164 100
166 116.8 104.3 156.5
129 86.0 71.9 107.9
131 88.6 70.2 105.2





#65

Chlorobenzene

Concen: 4.54 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

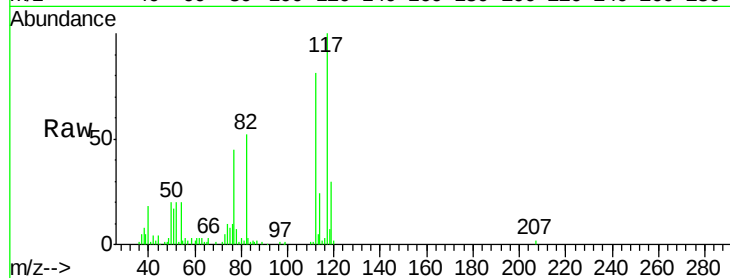
VD0308

Tgt Ion:112 Resp: 50192

Ion Ratio Lower Upper

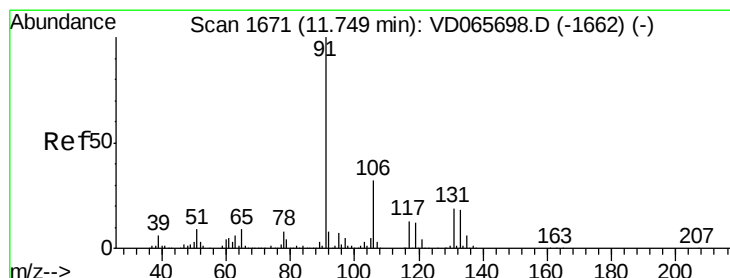
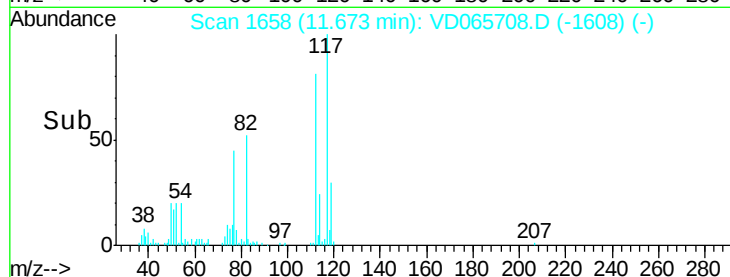
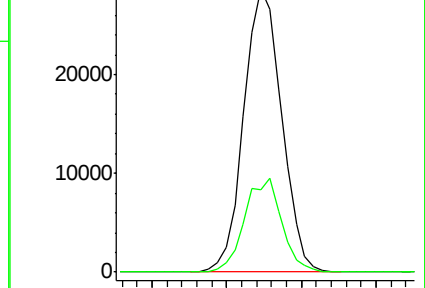
112 100

114 28.9 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: 4.25 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

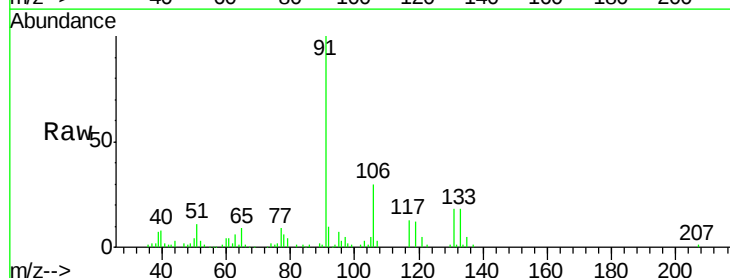
Tgt Ion:131 Resp: 17501

Ion Ratio Lower Upper

131 100

133 98.2 47.3 141.8

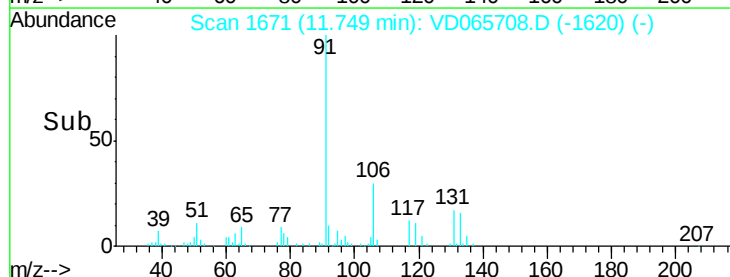
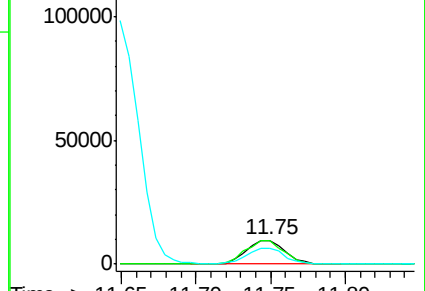
119 65.2 31.8 95.4

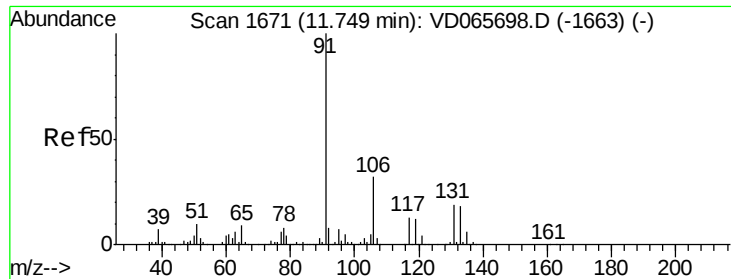


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 4.36 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

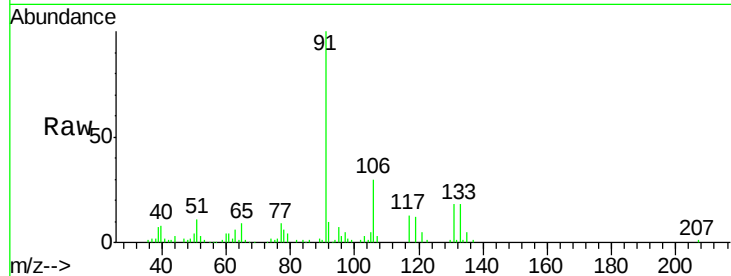
VD0308

Tgt Ion: 91 Resp: 89876

Ion Ratio Lower Upper

91 100

106 30.5 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

80000

60000

40000

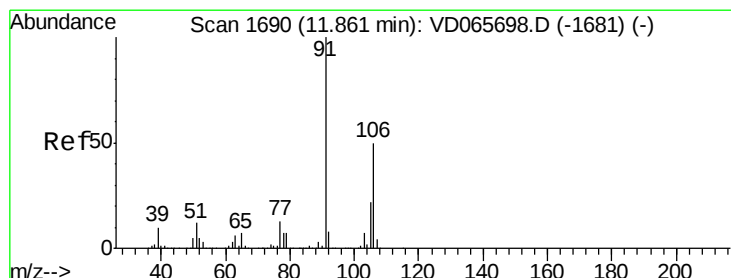
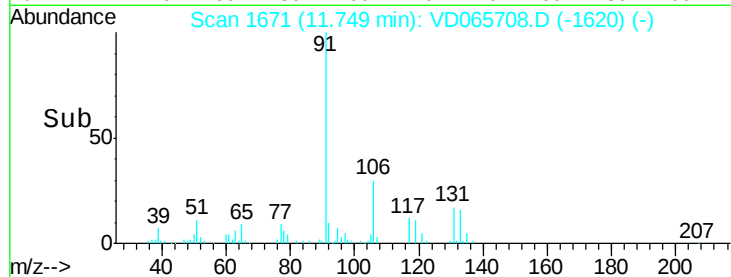
20000

0

11.75

11.70 11.75 11.80

Time-->



#68

m/p-Xylenes

Concen: 8.87 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065708.D

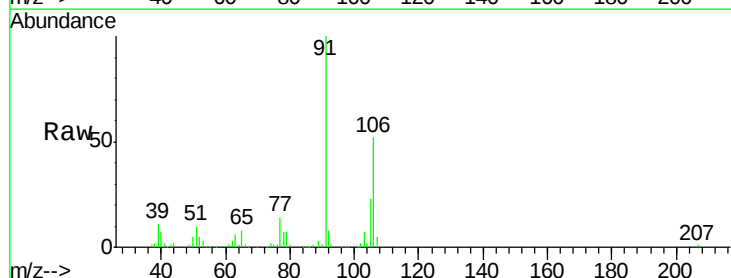
Acq: 07 May 2020 12:56

Tgt Ion: 106 Resp: 68113

Ion Ratio Lower Upper

106 100

91 196.9 163.1 244.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

80000

60000

40000

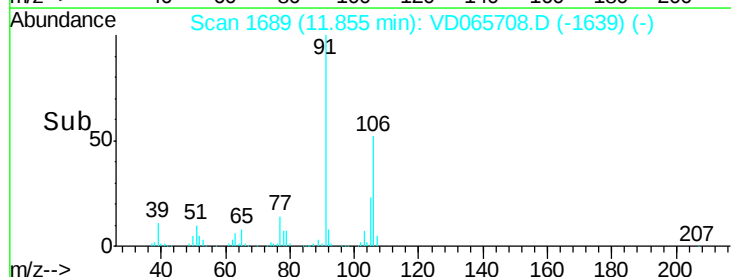
20000

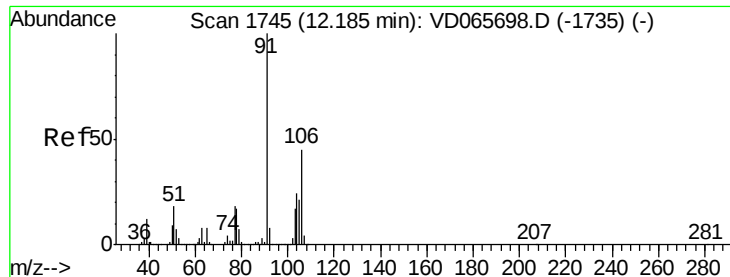
0

11.86

11.80 11.85 11.90

Time-->

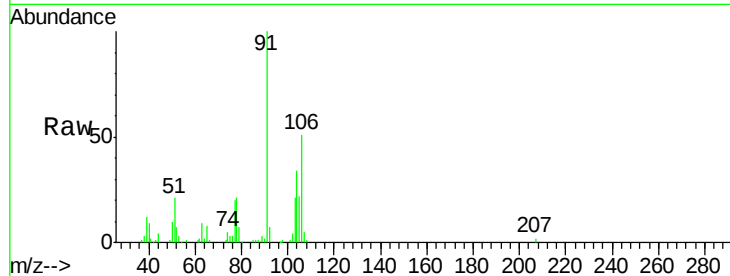




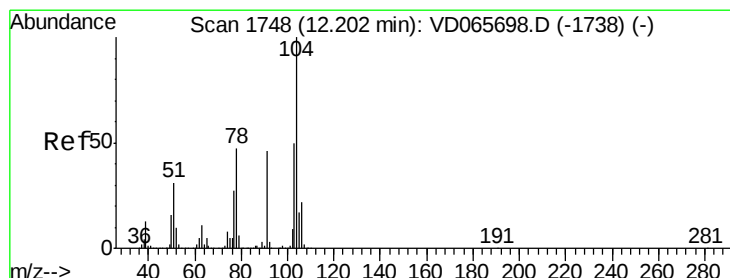
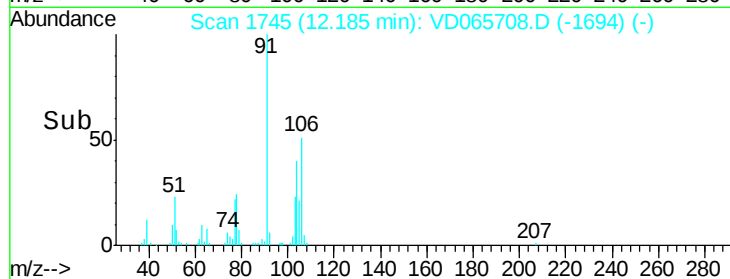
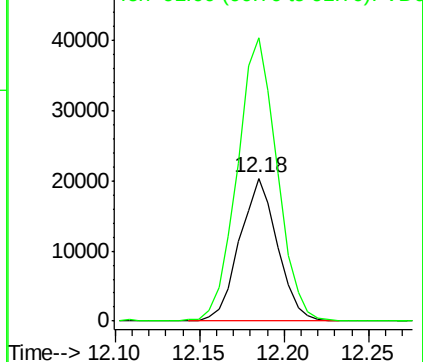
#69
o-Xylene
Concen: 4.42 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0308

Tgt Ion:106 Resp: 31690
Ion Ratio Lower Upper
106 100
91 209.1 107.9 323.7

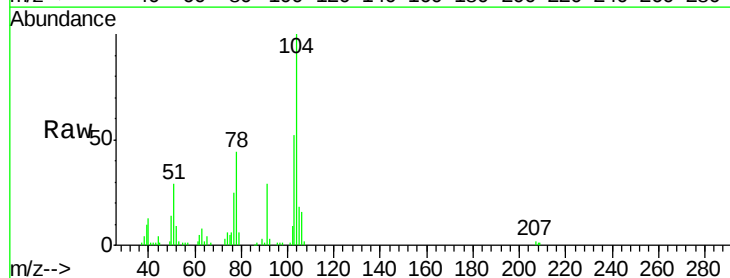


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

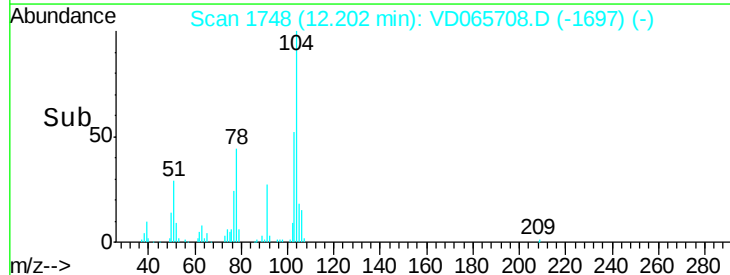
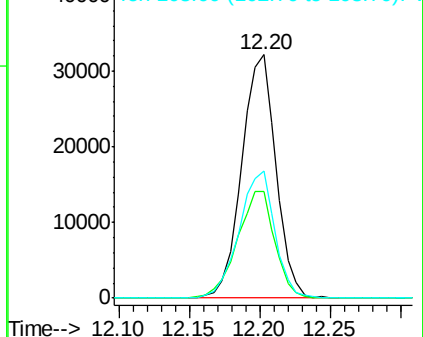


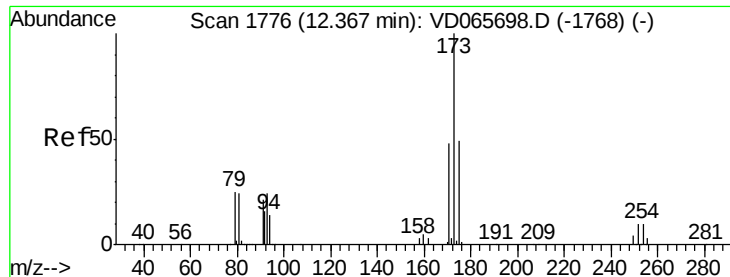
#70
Styrene
Concen: 4.43 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion:104 Resp: 54617
Ion Ratio Lower Upper
104 100
78 47.8 41.0 61.4
103 54.4 43.8 65.6



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

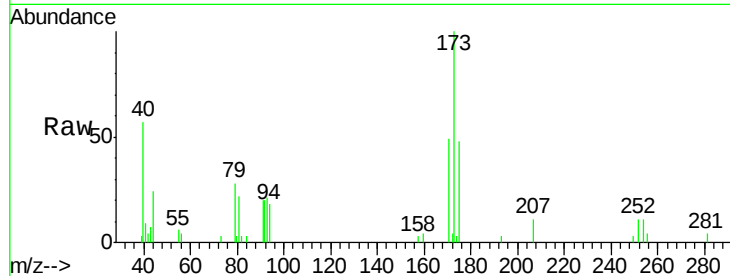




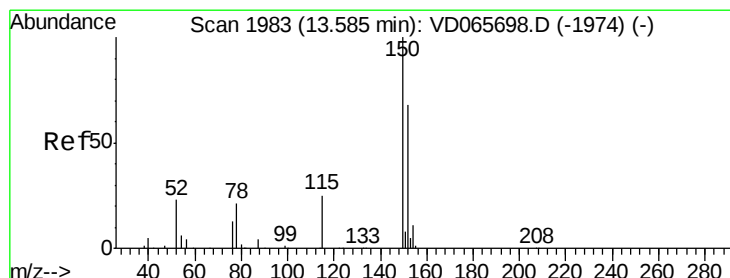
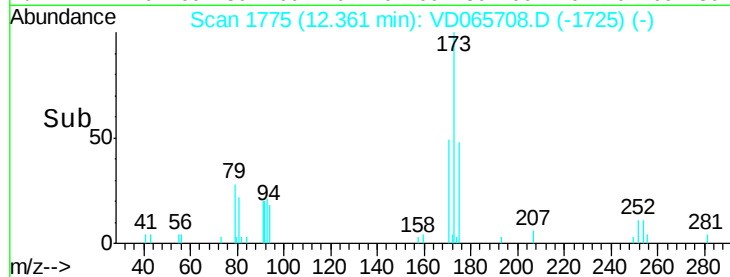
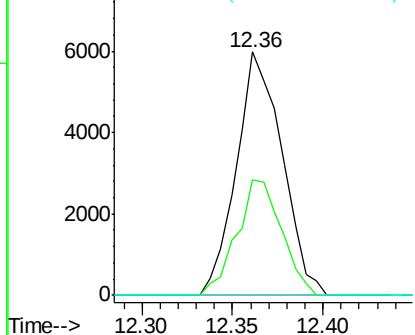
#71
Bromoform
Concen: 4.53 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0308

Tgt Ion:173 Resp: 10499
Ion Ratio Lower Upper
173 100
175 46.5 24.5 73.5
254 0.0 0.0 0.0

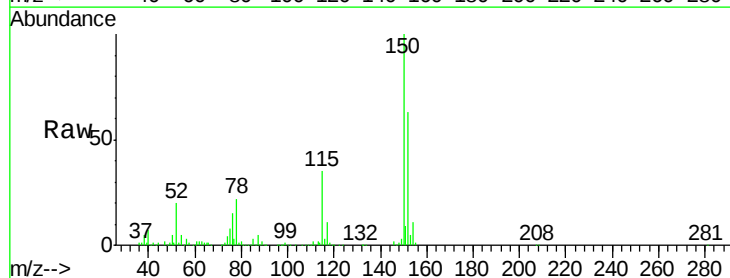


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

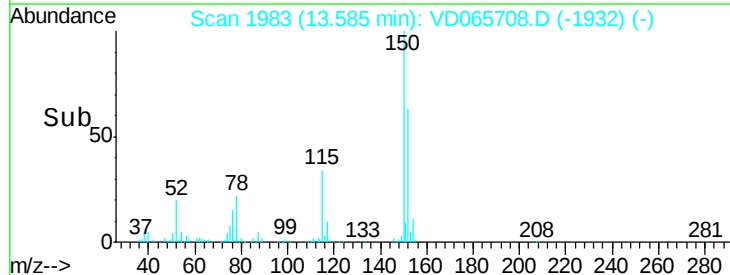
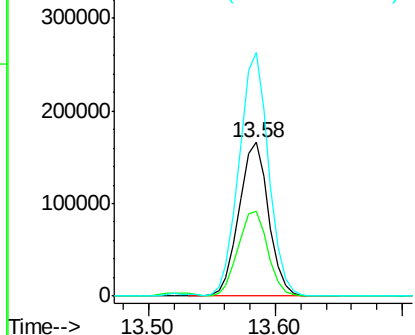


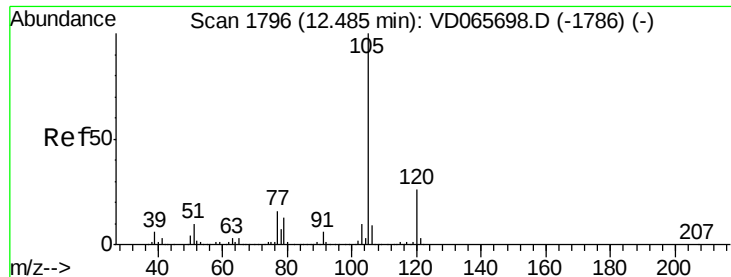
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion:152 Resp: 266515
Ion Ratio Lower Upper
152 100
115 56.2 29.5 88.5
150 159.4 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: 4.26 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

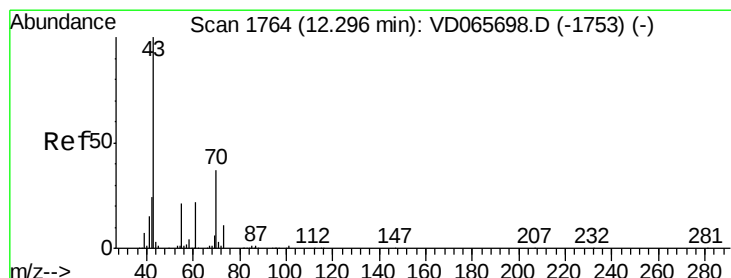
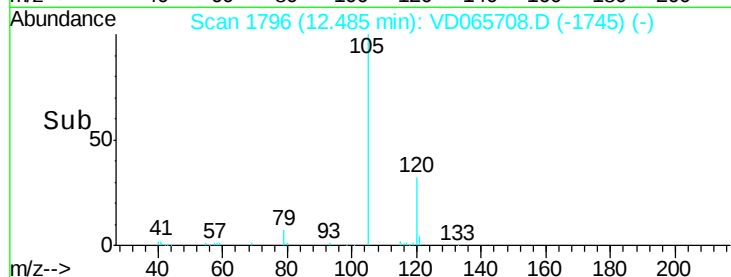
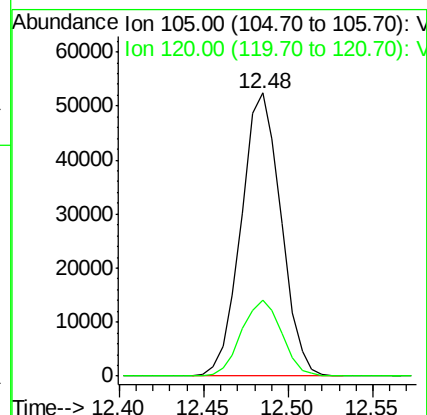
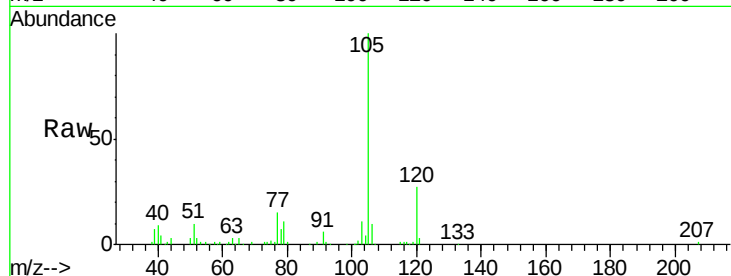
VD0308

Tgt Ion: 105 Resp: 86059

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 3.80 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Tgt Ion: 43 Resp: 21896

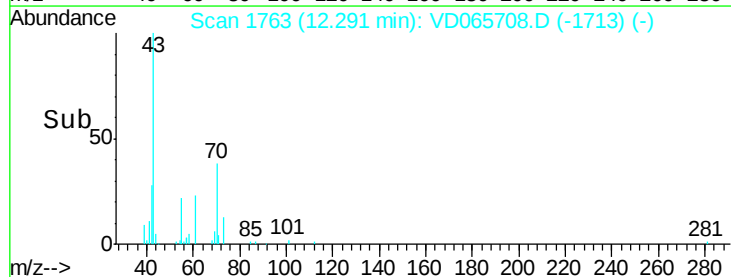
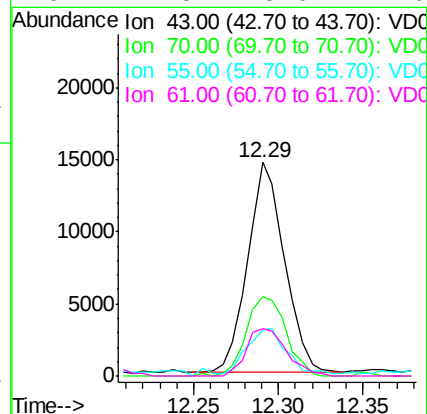
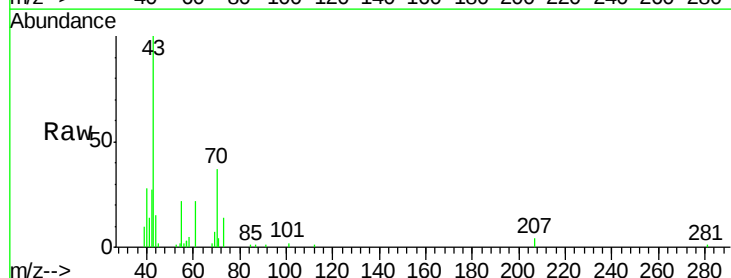
Ion Ratio Lower Upper

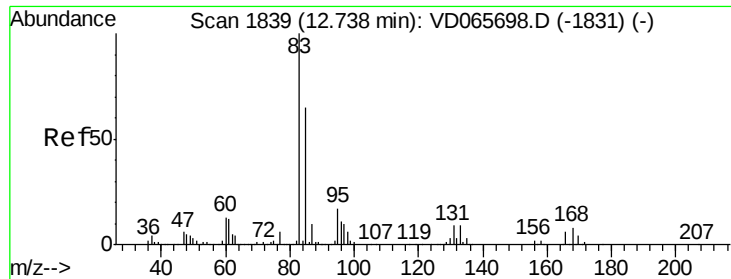
43 100

70 41.3 29.3 43.9

55 22.7 16.4 24.6

61 24.8 18.0 27.0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.24 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0308

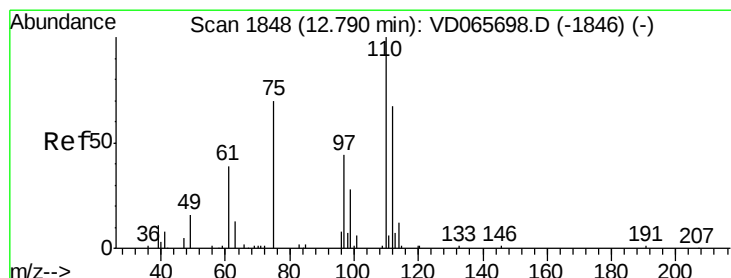
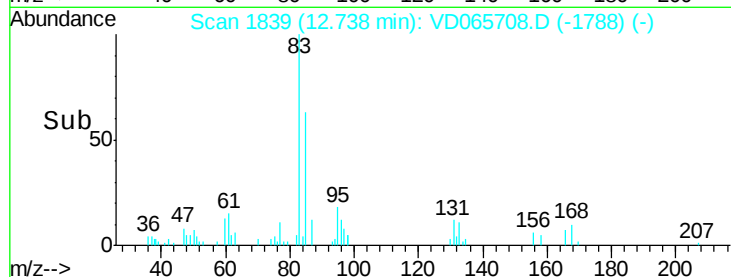
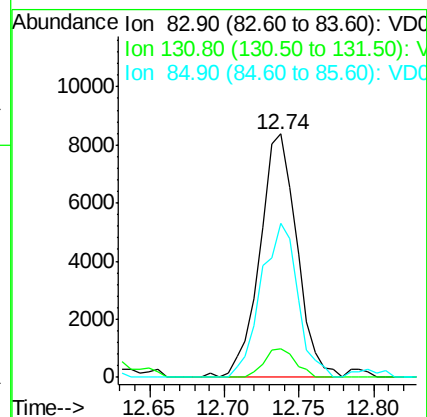
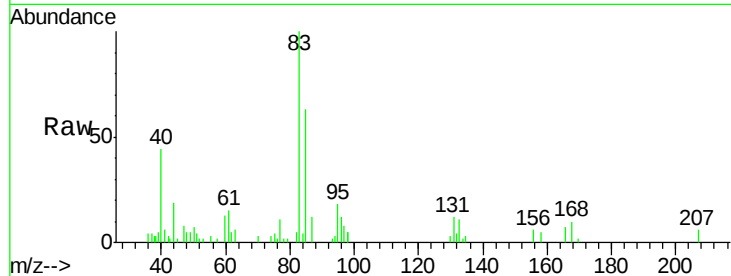
Tgt Ion: 83 Resp: 14360

Ion Ratio Lower Upper

83 100

131 10.0 5.5 16.7

85 62.5 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 8.96 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065708.D

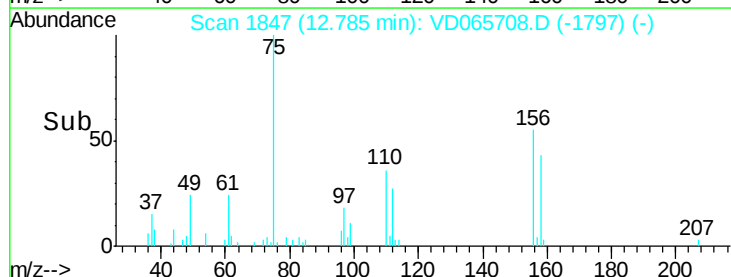
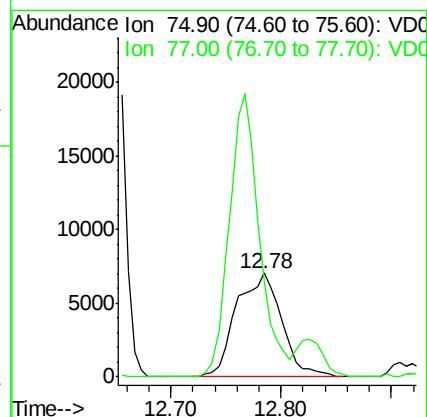
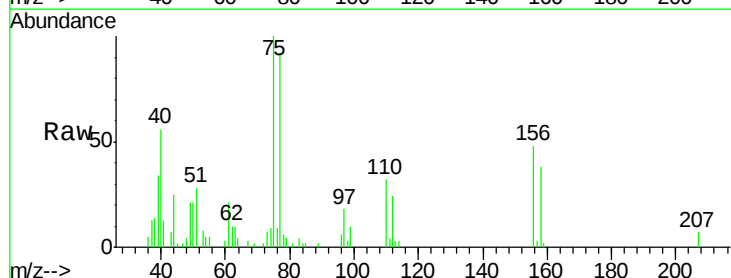
Acq: 07 May 2020 12:56

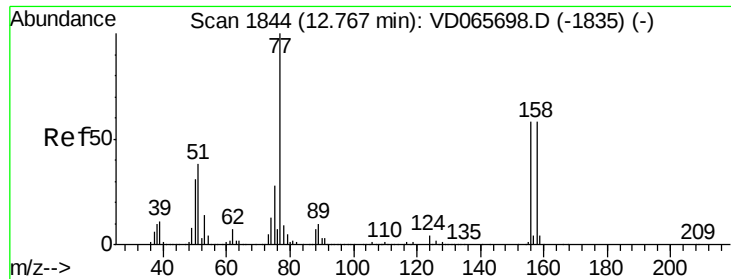
Tgt Ion: 75 Resp: 20171

Ion Ratio Lower Upper

75 100

77 181.7 0.0 0.0#

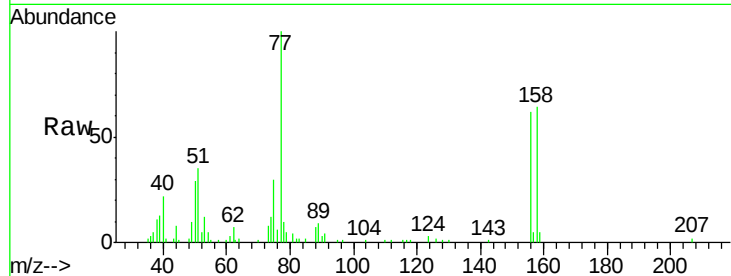




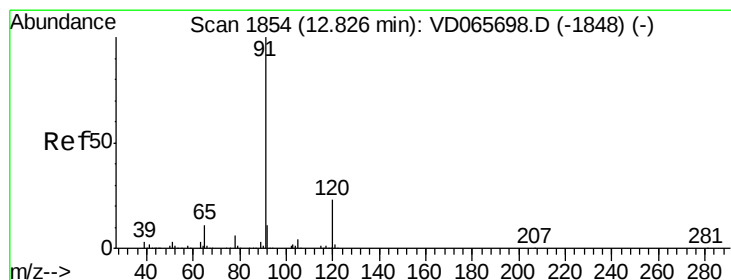
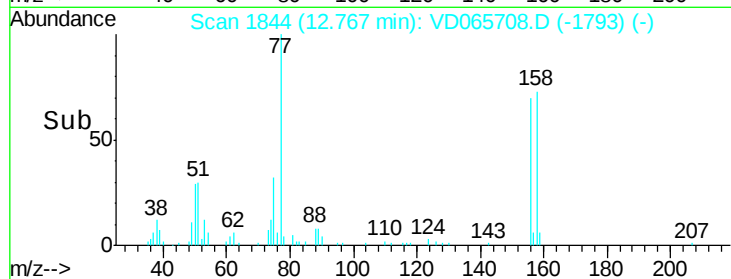
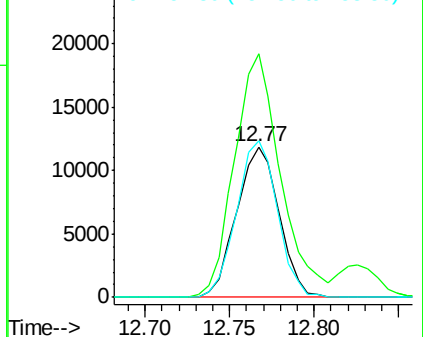
#77
Bromobenzene
Concen: 4.48 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0308

Tgt Ion:156 Resp: 20764
Ion Ratio Lower Upper
156 100
77 176.5 92.9 278.7
158 99.9 48.9 146.7

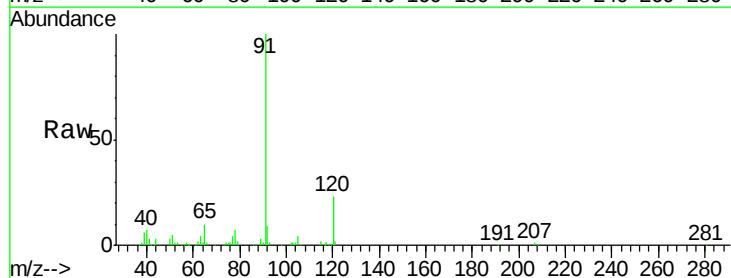


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

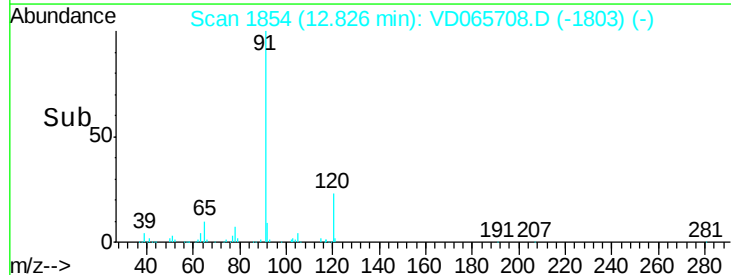
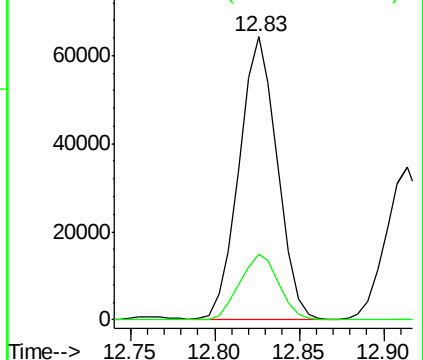


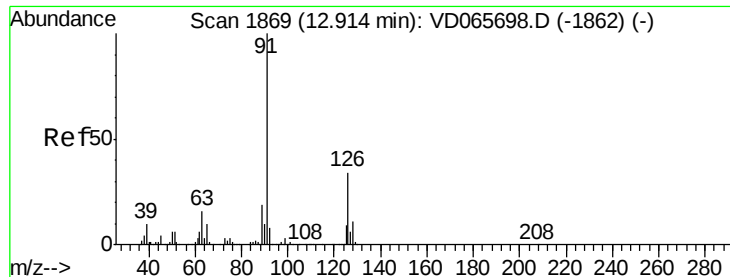
#78
n-propylbenzene
Concen: 4.26 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion: 91 Resp: 101188
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.25 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

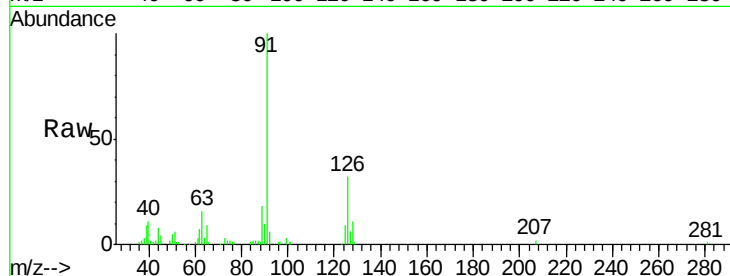
VD0308

Tgt Ion: 91 Resp: 57060

Ion Ratio Lower Upper

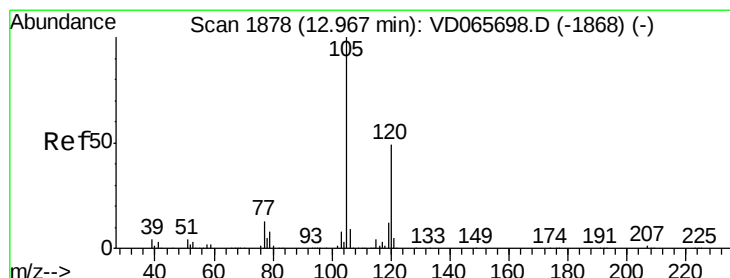
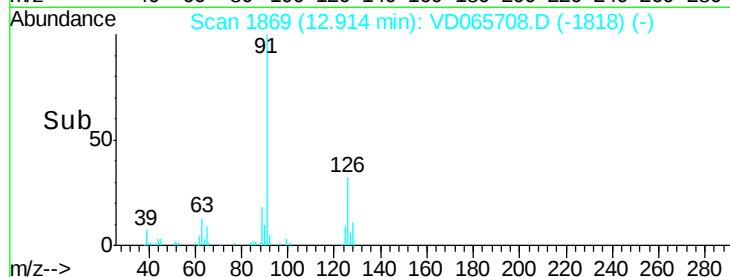
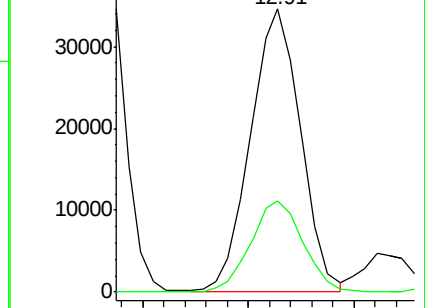
91 100

126 33.6 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.36 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD065708.D

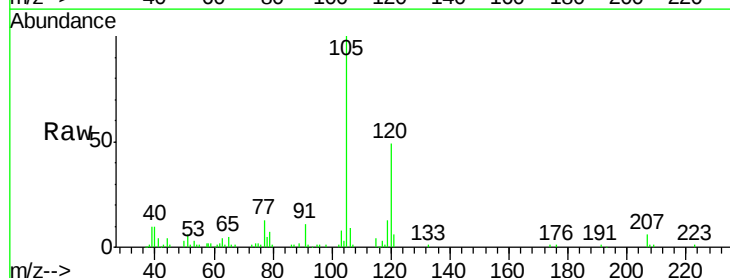
Acq: 07 May 2020 12:56

Tgt Ion: 105 Resp: 72365

Ion Ratio Lower Upper

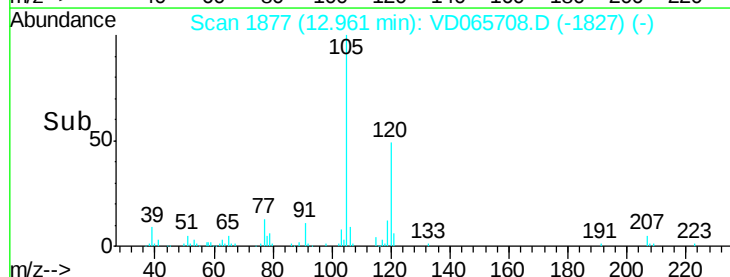
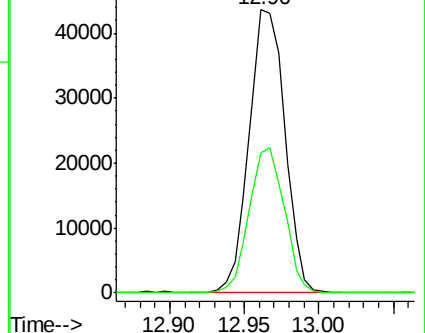
105 100

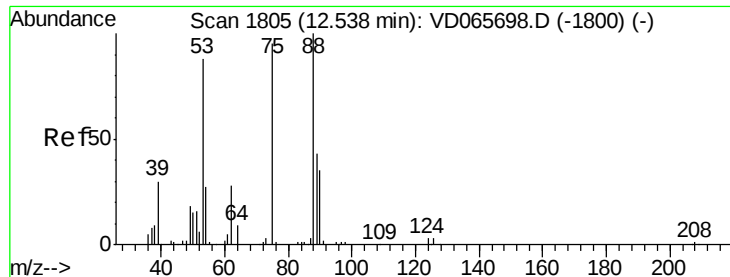
120 50.1 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.13 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0308

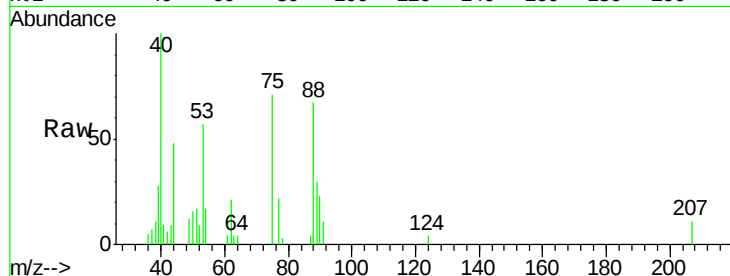
Tgt Ion: 75 Resp: 5256

Ion Ratio Lower Upper

75 100

53 100.9 75.8 113.8

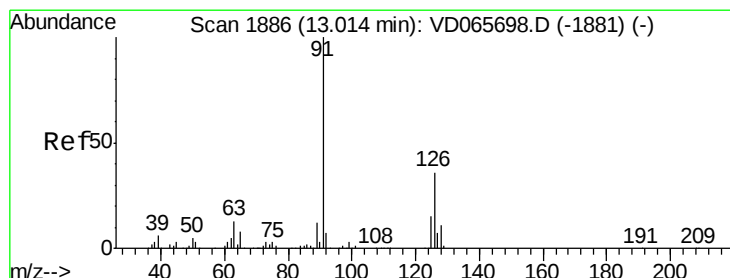
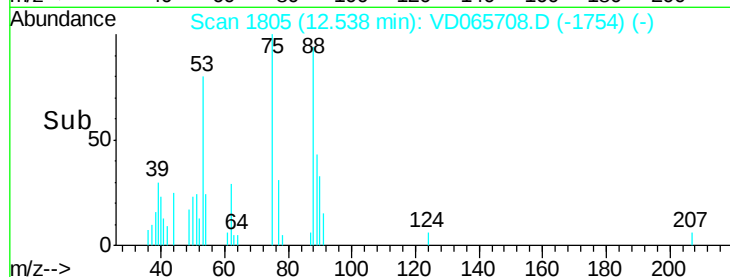
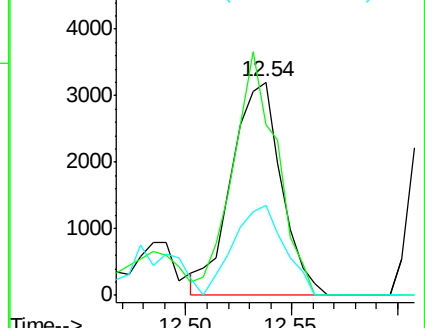
89 43.2 36.2 54.2



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: 4.27 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD065708.D

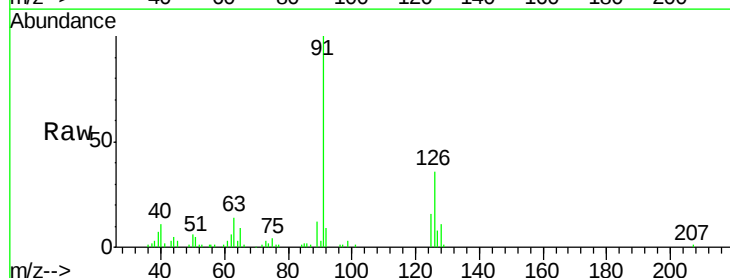
Acq: 07 May 2020 12:56

Tgt Ion: 91 Resp: 60046

Ion Ratio Lower Upper

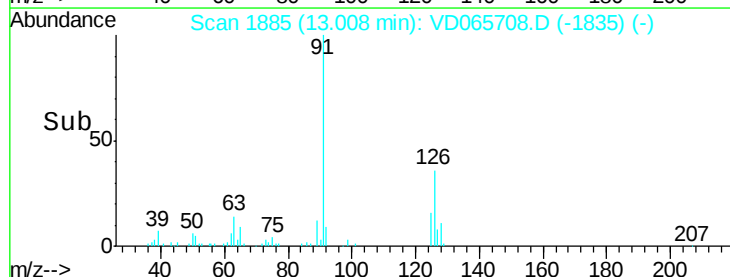
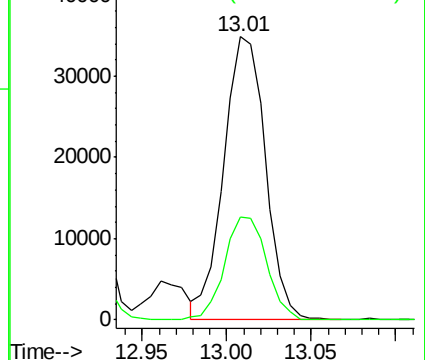
91 100

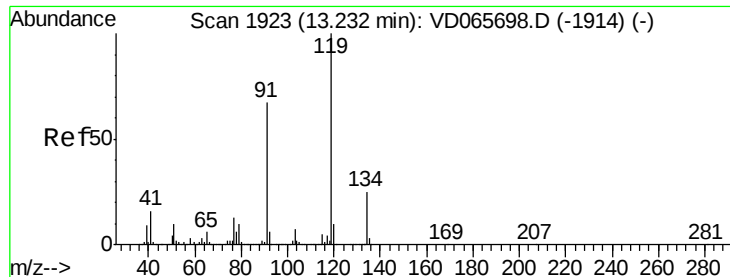
126 36.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC

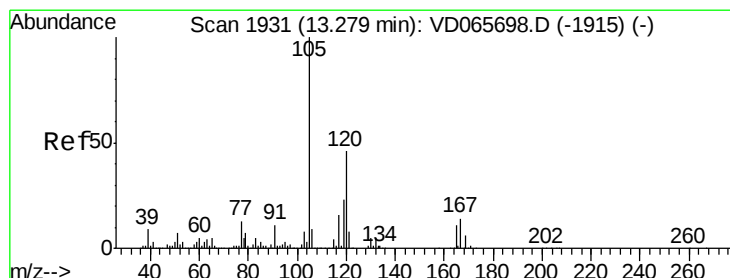
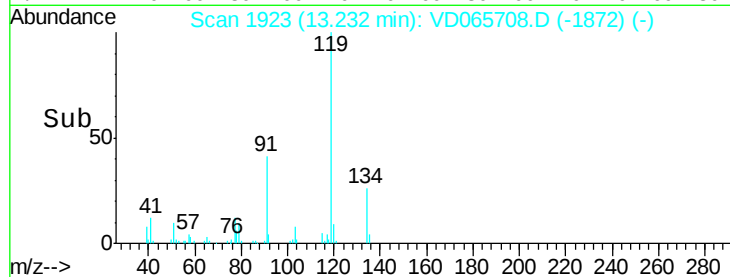
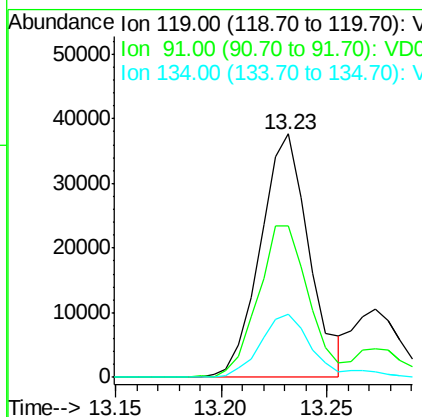
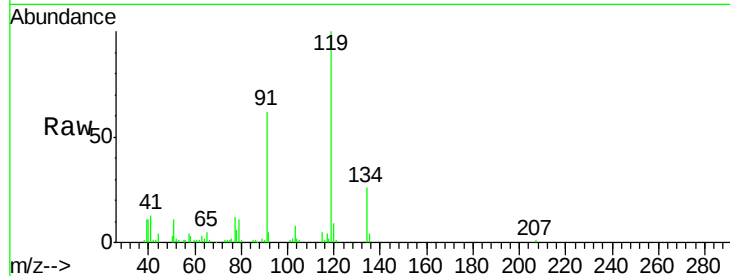




#83
 tert-Butylbenzene
 Concen: 4.30 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

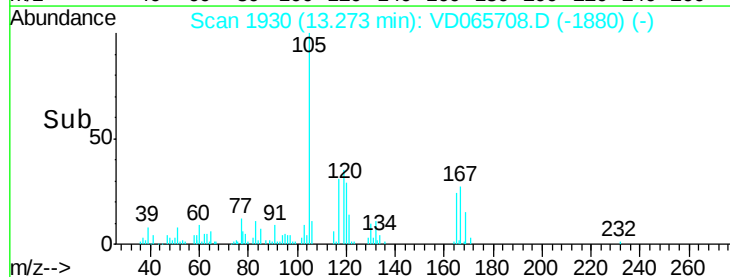
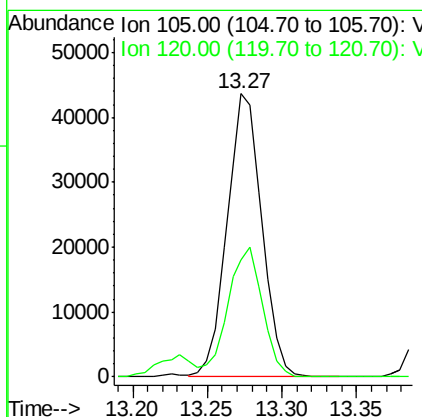
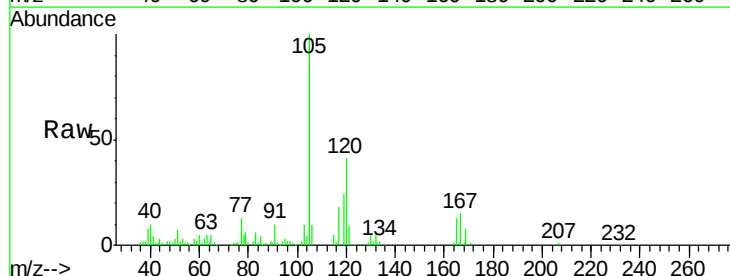
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

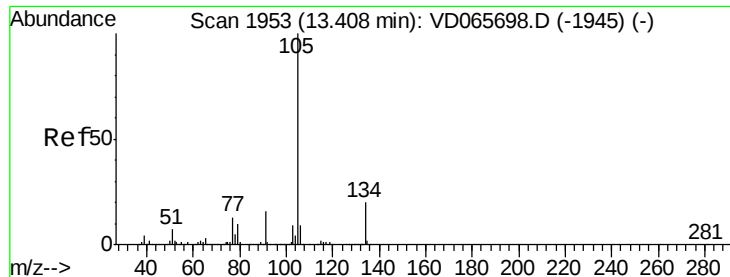
Tgt Ion:119 Resp: 60670
 Ion Ratio Lower Upper
 119 100
 91 64.1 33.6 100.8
 134 28.0 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.29 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion:105 Resp: 70924
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.8 68.4

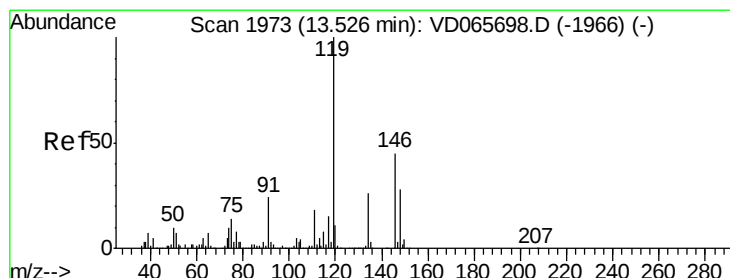
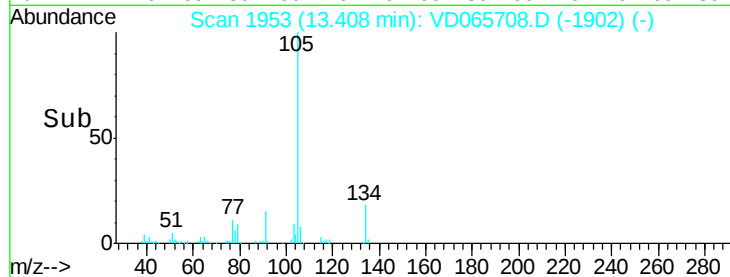
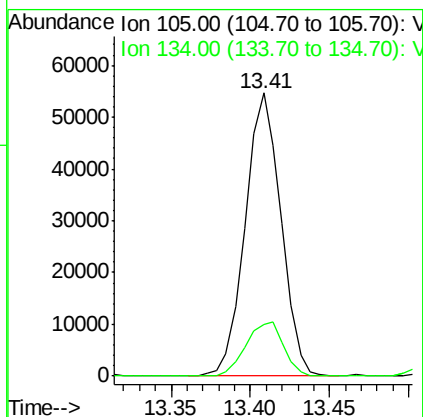
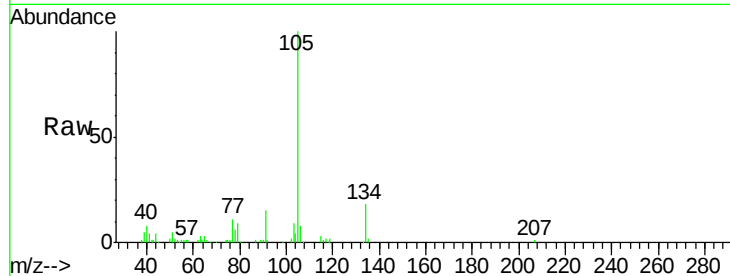




#85
 sec-Butylbenzene
 Concen: 4.32 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

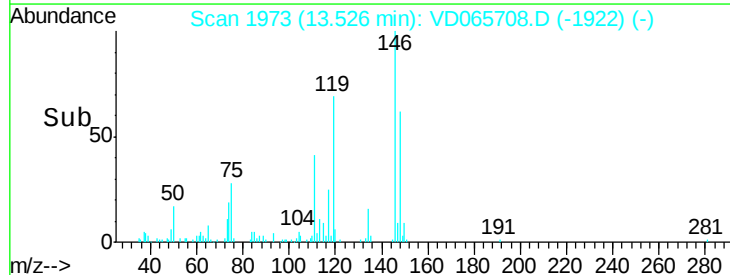
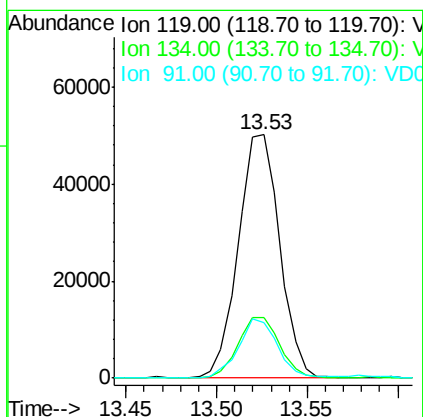
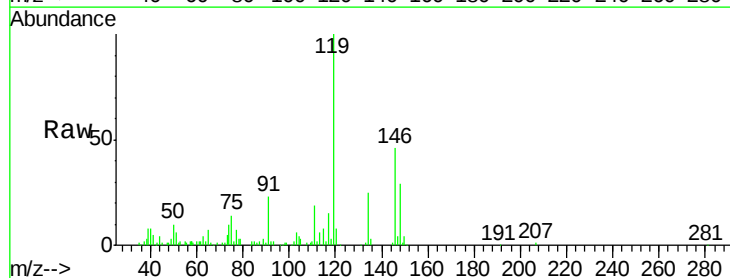
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

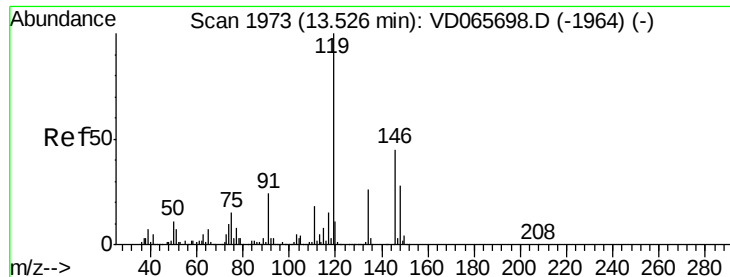
Tgt Ion:105 Resp: 85511
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 4.42 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion:119 Resp: 79711
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.6
 91 23.2 12.0 36.1

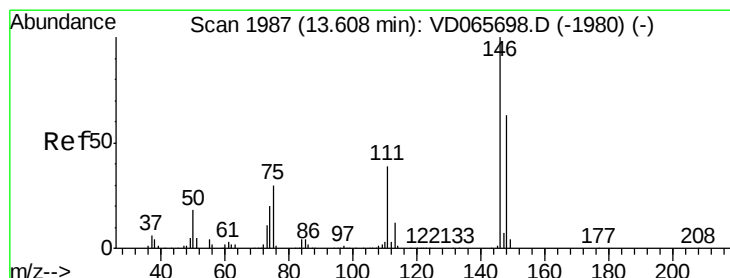
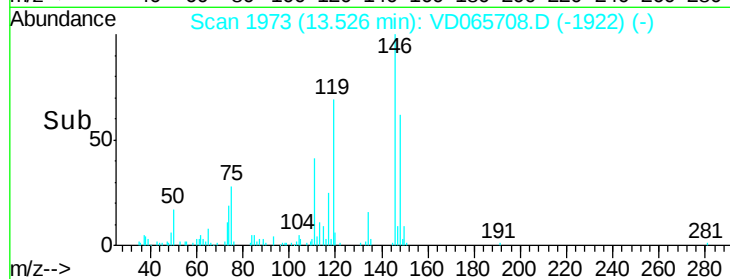
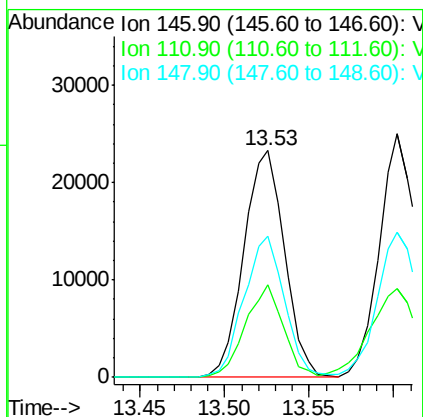
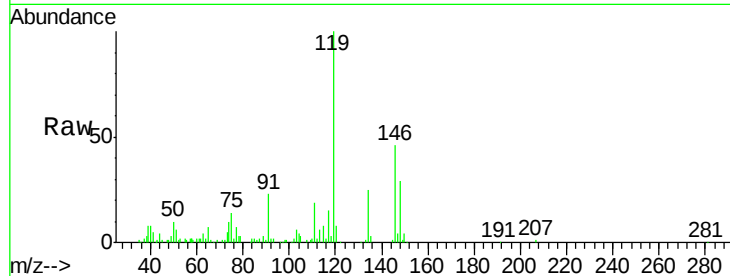




#87
 1,3-Dichlorobenzene
 Concen: 4.47 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

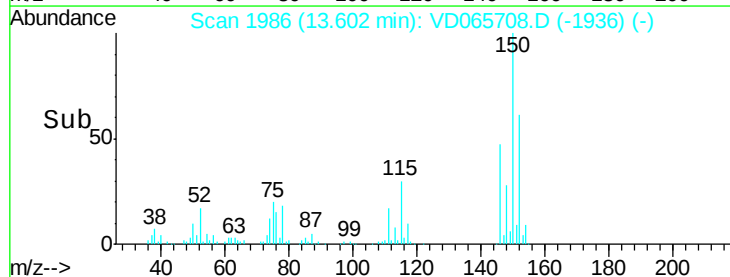
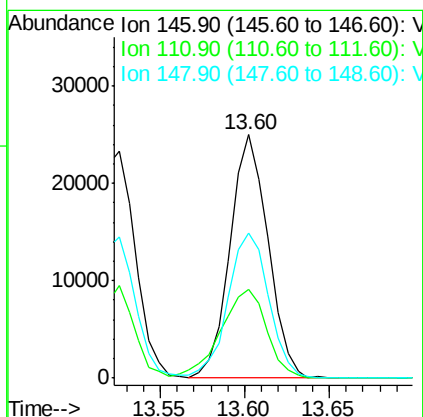
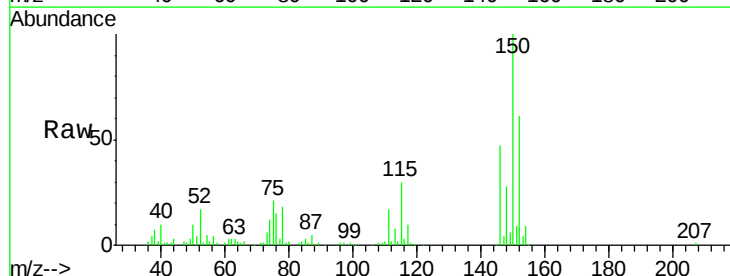
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

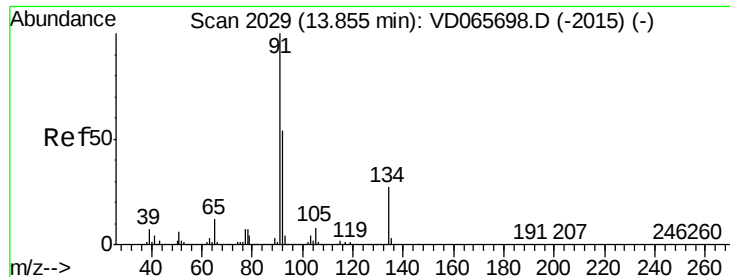
Tgt Ion:146 Resp: 38902
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.6 58.8
 148 62.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 4.56 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion:146 Resp: 39169
 Ion Ratio Lower Upper
 146 100
 111 43.9 19.6 58.7
 148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 4.20 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. -0.01 min

Lab File: VD065708.D

Acq: 07 May 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

VD0308

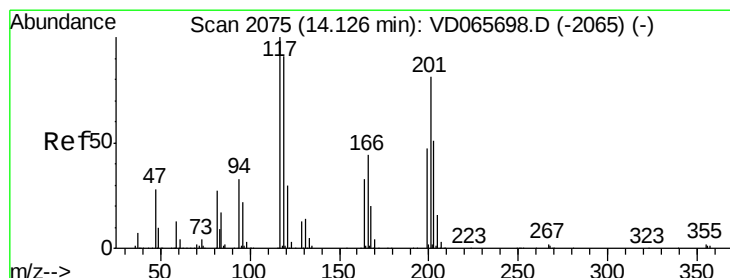
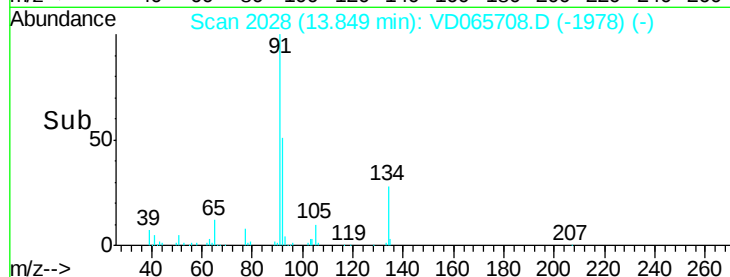
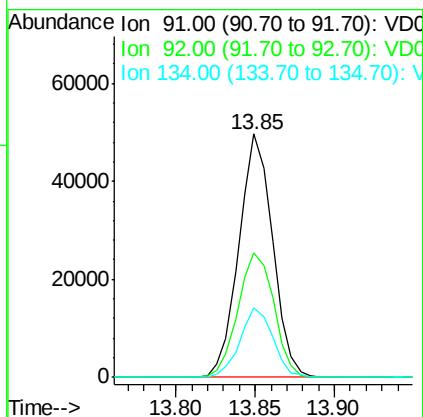
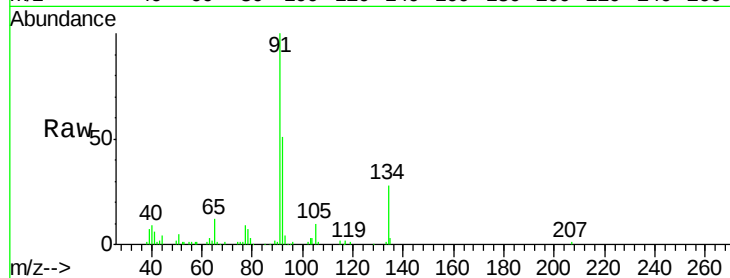
Tgt Ion: 91 Resp: 73412

Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.0

134 27.8 13.3 39.8



#90

Hexachloroethane

Concen: 4.32 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.01 min

Lab File: VD065708.D

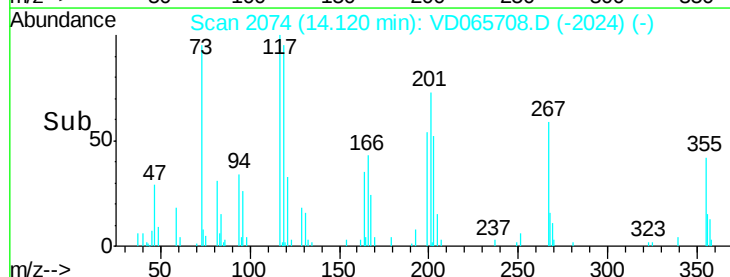
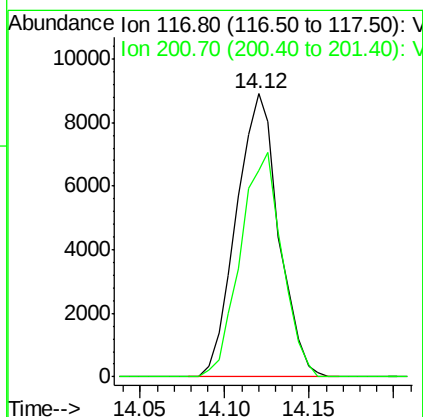
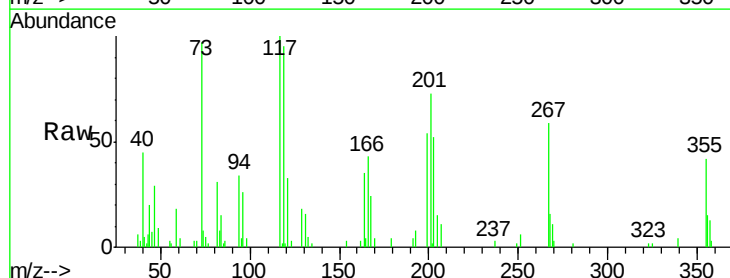
Acq: 07 May 2020 12:56

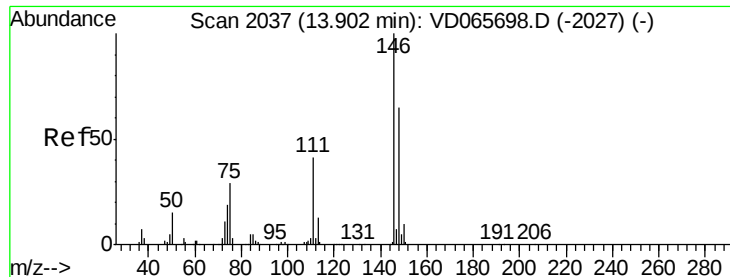
Tgt Ion: 117 Resp: 15532

Ion Ratio Lower Upper

117 100

201 77.9 39.1 117.2

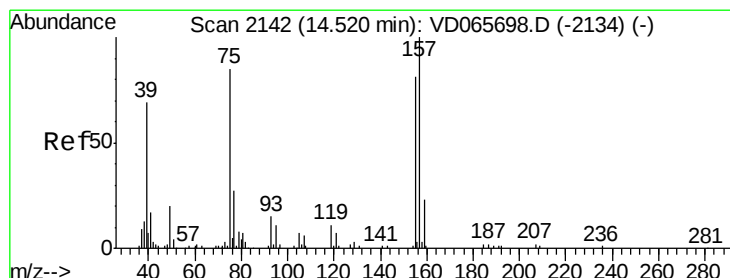
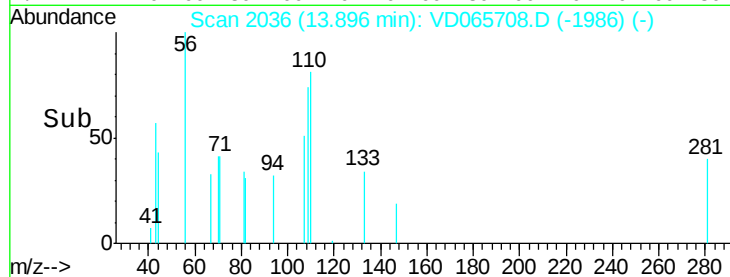
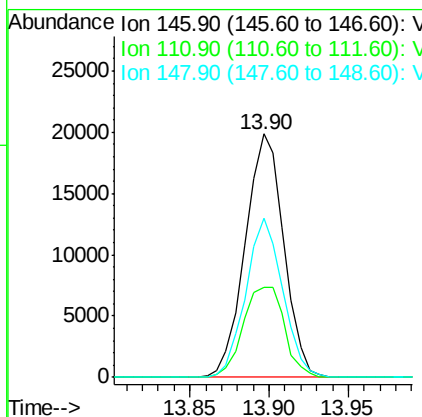
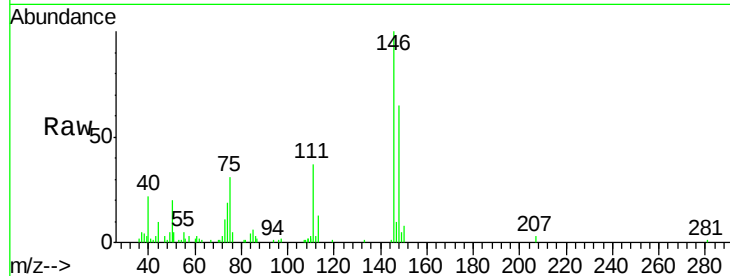




#91
 1,2-Dichlorobenzene
 Concen: 4.47 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

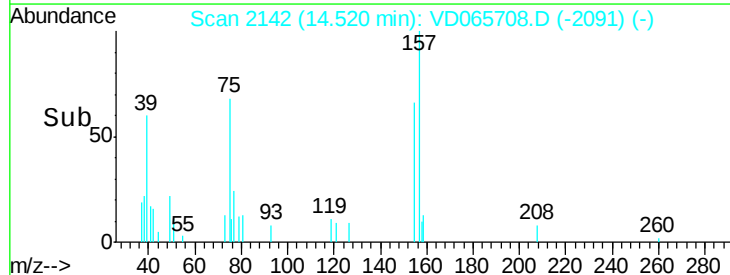
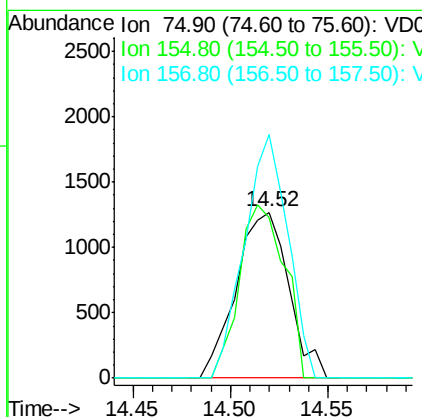
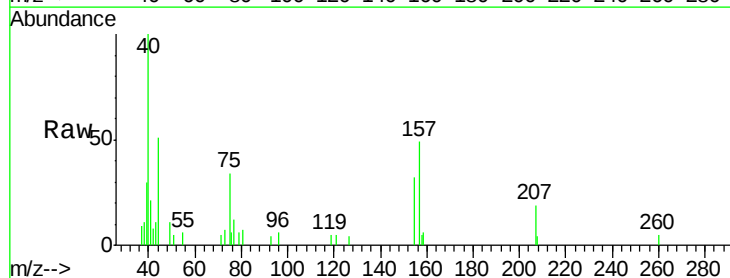
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

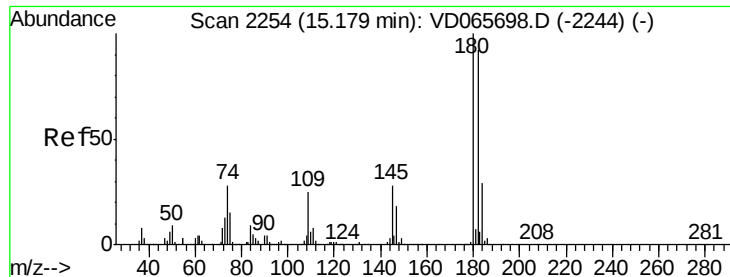
Tgt Ion: 146 Resp: 33558
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 61.0
 148 62.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.16 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion: 75 Resp: 2369
 Ion Ratio Lower Upper
 75 100
 155 90.3 43.5 130.5
 157 121.3 54.5 163.6

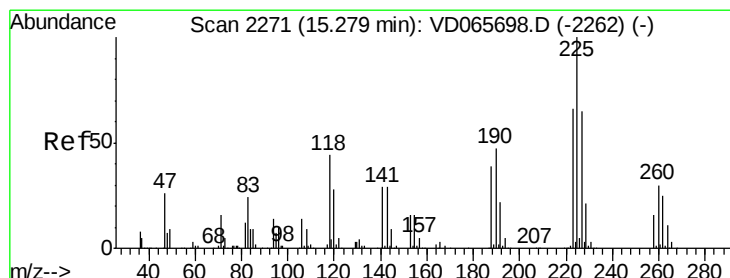
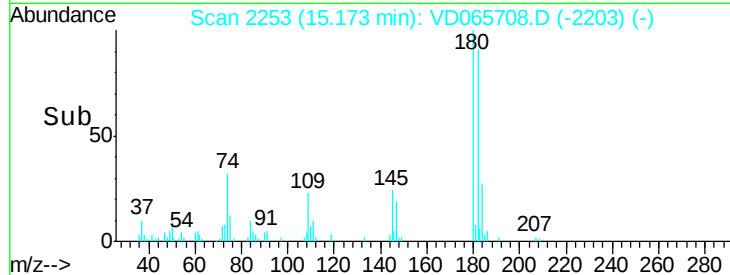
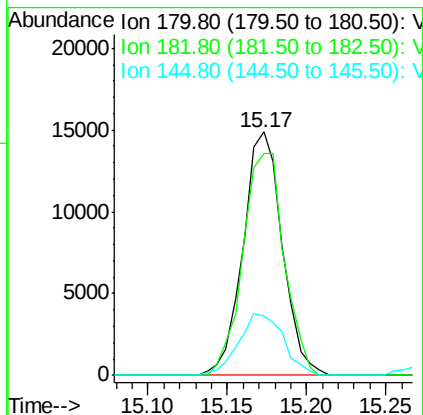
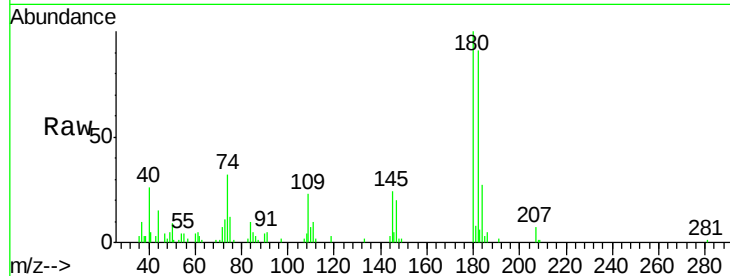




#93
 1,2,4-Trichlorobenzene
 Concen: 4.54 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

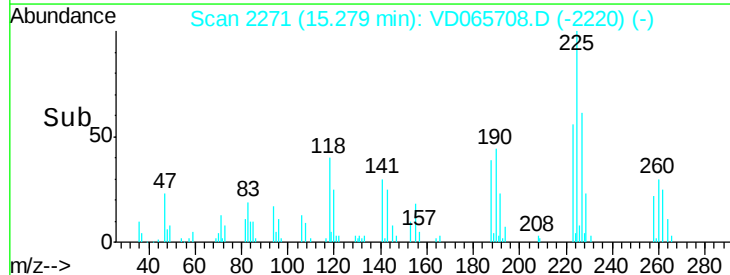
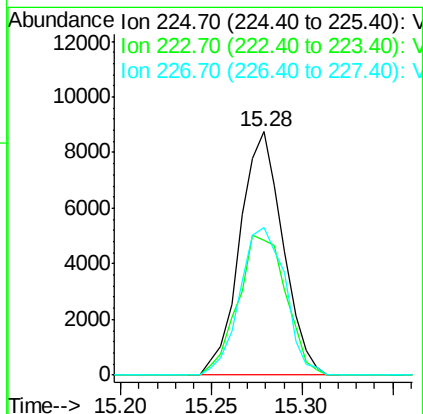
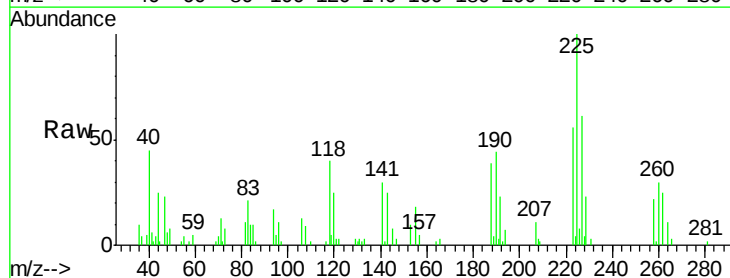
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

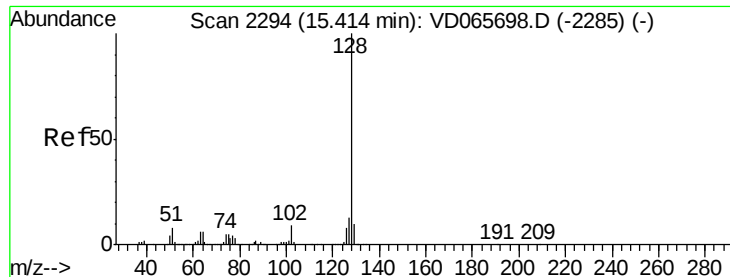
Tgt Ion:180 Resp: 25555
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.0 141.0
 145 29.0 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 4.44 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065708.D
 Acq: 07 May 2020 12:56

Tgt Ion:225 Resp: 14501
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.8 95.3
 227 63.7 31.6 94.8

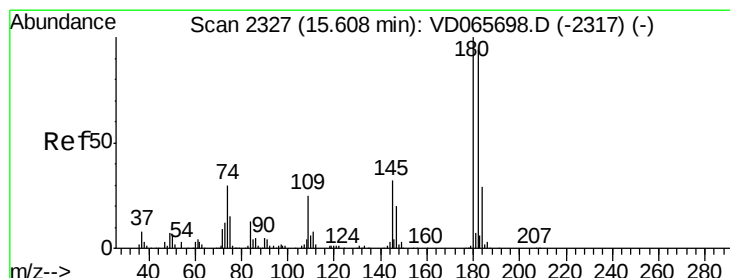
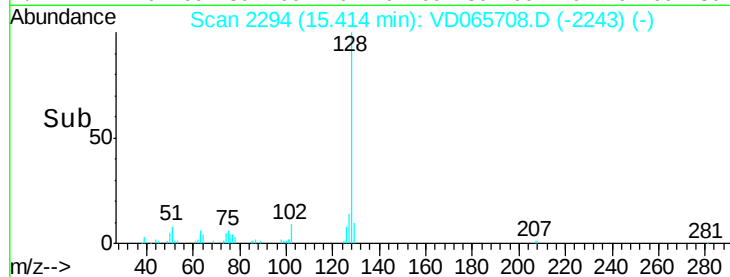
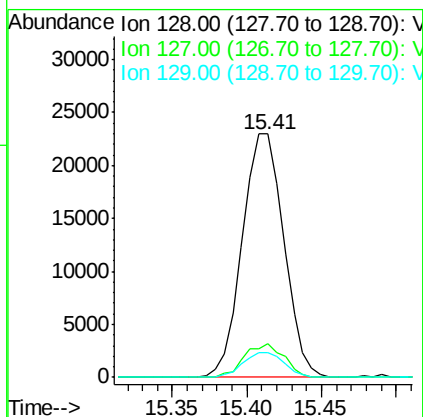
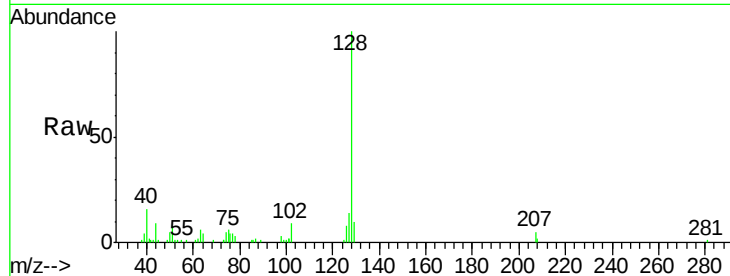




#95
Naphthalene
Concen: 4.49 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Instrument :
MSVOA_D
ClientSampleId :
VD0308

Tgt Ion:128 Resp: 44441
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.0 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 4.49 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065708.D
Acq: 07 May 2020 12:56

Tgt Ion:180 Resp: 21534
Ion Ratio Lower Upper
180 100
182 96.8 46.9 140.6
145 30.7 16.0 47.9

