

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066021.D
 Acq On : 23 Jul 2020 13:45
 Operator : VA/SY
 Sample : L3363-01RE
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 81-83

Quant Time: Jul 24 03:04:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	276669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	498329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	505508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248602	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	133128	59.14	ug/l	0.00
Spiked Amount						
			Recovery	=	118.28%	
35) Dibromofluoromethane	7.92	113	151095	49.99	ug/l	0.00
Spiked Amount						
			Recovery	=	99.98%	
50) Toluene-d8	10.34	98	594795	52.83	ug/l	0.00
Spiked Amount						
			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.64	95	229554	58.80	ug/l	0.00
Spiked Amount						
			Recovery	=	117.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	59	Below Cal		95
10) Methyl Iodide	4.29	142	169	8.870	ug/l #	42
11) Tert butyl alcohol	5.22	59	8973	40.636	ug/l #	95
13) Acrolein	3.91	56	3500	18.453	ug/l #	28
15) Acrylonitrile	5.43	53	3522	7.515	ug/l #	82
16) Acetone	4.16	43	117338	257.501	ug/l	95
20) Methylene Chloride	4.97	84	14408	2.927	ug/l #	80
25) 2-Butanone	7.21	43	41128	68.019	ug/l	100
29) Tetrahydrofuran	7.57	42	443	1.187	ug/l #	58
31) Cyclohexane	7.97	56	14301	3.532	ug/l #	69
36) 1,1-Dichloropropene	7.98	75	18588	4.371	ug/l #	49
37) Ethyl Acetate	7.30	43	1929	1.188	ug/l #	71
38) Carbon Tetrachloride	7.98	117	25714	5.572	ug/l #	15
39) Methylcyclohexane	9.36	83	16304	3.166	ug/l	96
40) Benzene	8.36	78	57874	4.864	ug/l	96
48) Methyl methacrylate	9.48	41	2225	1.390	ug/l #	39
51) 4-Methyl-2-Pentanone	10.23	43	7150	4.473	ug/l	99
52) Toluene	10.41	92	1393608	179.602	ug/l	98
53) t-1,3-Dichloropropene	10.41	75	16336	4.275	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	6308	2.867	ug/l #	18
59) 2-Hexanone	10.99	43	4765	4.302	ug/l	96
67) Ethyl Benzene	11.75	91	1481239	92.995	ug/l	100
68) m/p-Xylenes	11.86	106	2087087	340.910	ug/l	99
69) o-Xylene	12.18	106	901553	161.909	ug/l	99
70) Styrene	12.18	104	46513	4.862	ug/l #	1
73) Isopropylbenzene	12.48	105	142534	9.475	ug/l	99
74) N-amyl acetate	12.26	43	6623	2.123	ug/l #	55
76) 1,2,3-Trichloropropane	12.83	75	3611	1.929	ug/l #	100
78) n-propylbenzene	12.83	91	566161	32.434	ug/l	100
79) 2-Chlorotoluene	12.89	91	211938	21.252	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.97	105	521461	42.193	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.64	75	111680	136.906	ug/l #	11
82) 4-Chlorotoluene	12.97	91	55680	5.290	ug/l #	39
83) tert-Butylbenzene	13.27	119	283675	26.230	ug/l #	64

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
Data File : VD066021.D
Acq On : 23 Jul 2020 13:45
Operator : VA/SY
Sample : L3363-01RE
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
81-83

Quant Time: Jul 24 03:04:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

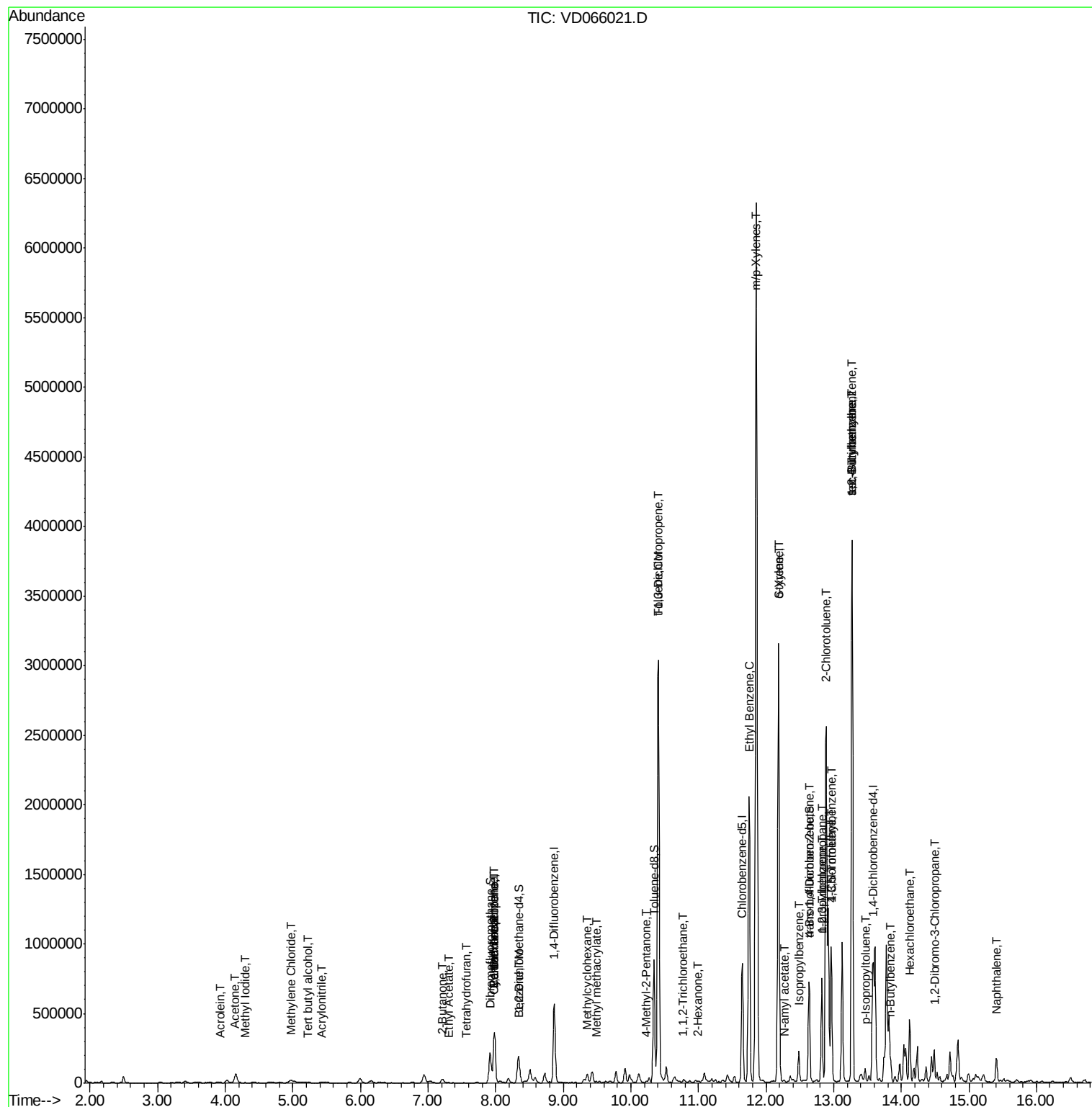
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.27	105	2188728	179.507	ug/l	99
85) sec-Butylbenzene	13.27	105	2188728	146.931	ug/l #	55
86) p-Isopropyltoluene	13.47	119	50962	3.766	ug/l	99
89) n-Butylbenzene	13.85	91	59935	4.763	ug/l #	73
90) Hexachloroethane	14.13	117	23214	8.286	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1327	3.257	ug/l #	1
95) Naphthalene	15.41	128	155663	21.865	ug/l	99

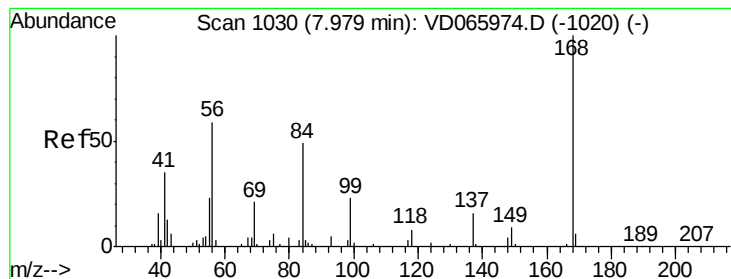
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
Data File : VD066021.D
Acq On : 23 Jul 2020 13:45
Operator : VA/SY
Sample : L3363-01RE
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
81-83

Quant Time: Jul 24 03:04:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

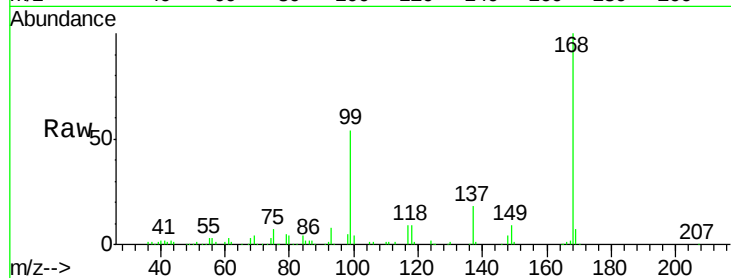
81-83

Tot Ion:168 Resp: 276669

Ion Ratio Lower Upper

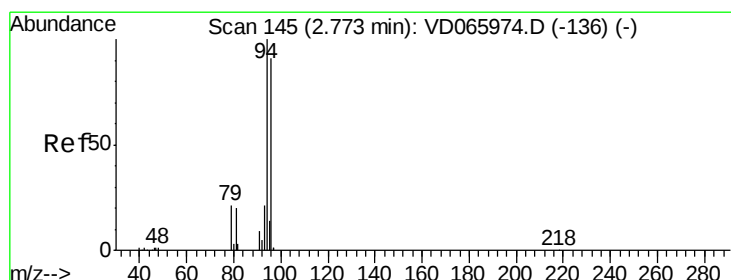
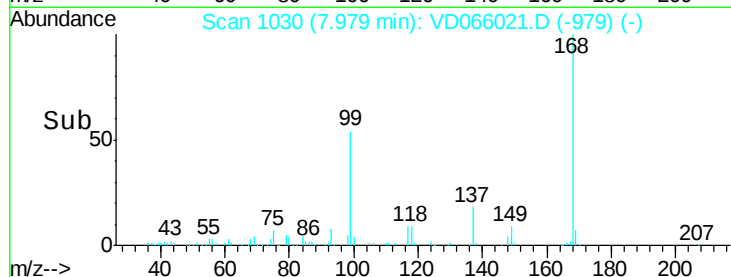
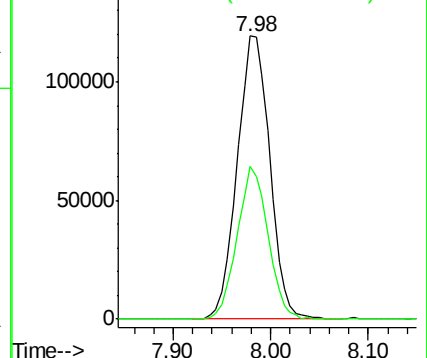
168 100

99 54.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066021.D

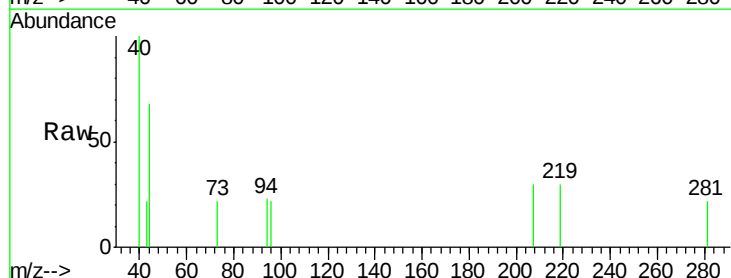
Acq: 23 Jul 2020 13:45

Tgt Ion: 94 Resp: 59

Ion Ratio Lower Upper

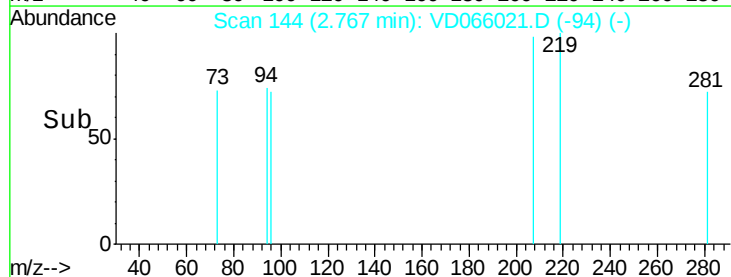
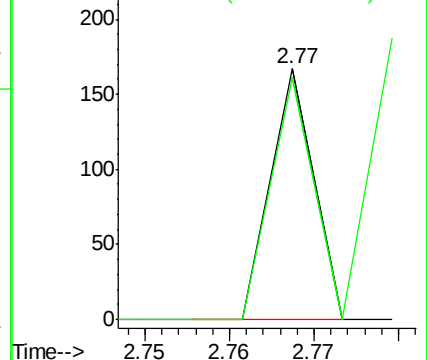
94 100

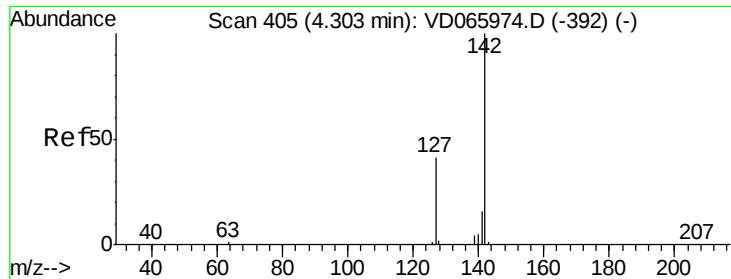
96 96.4 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

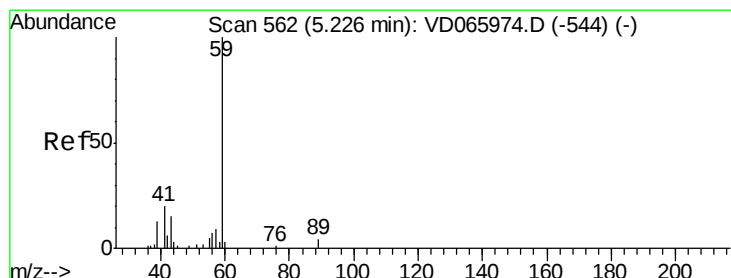
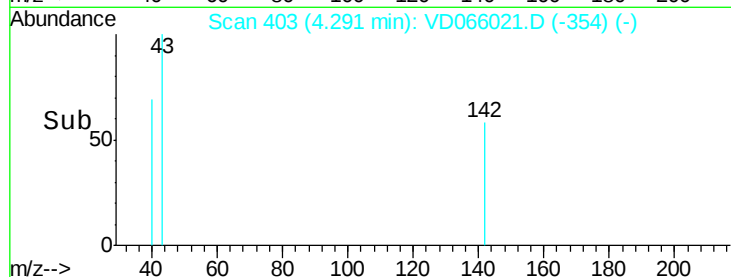
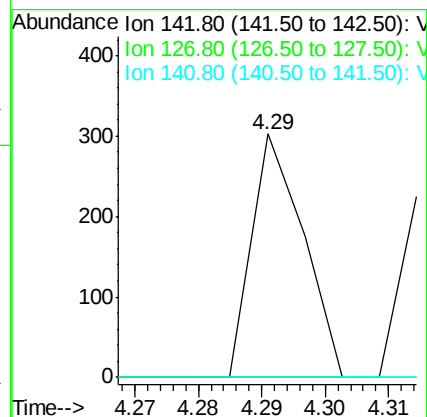
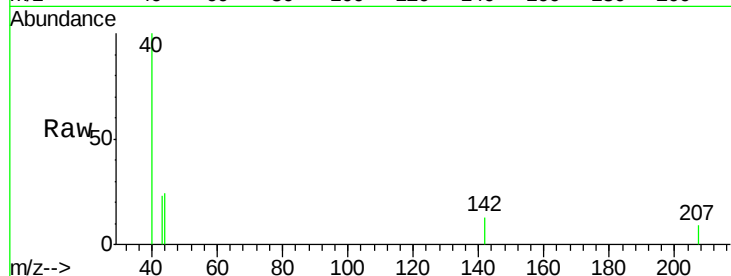




#10
Methyl Iodide
Concen: 8.870 ug/l
RT: 4.29 min Scan# 403
Delta R.T. -0.01 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

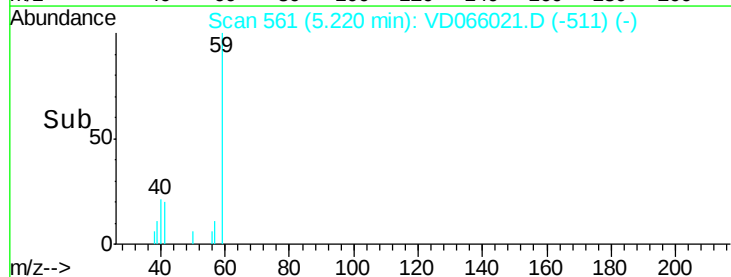
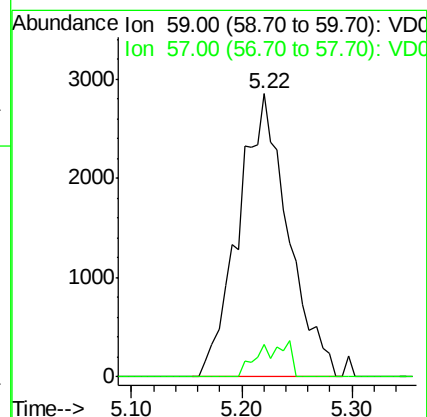
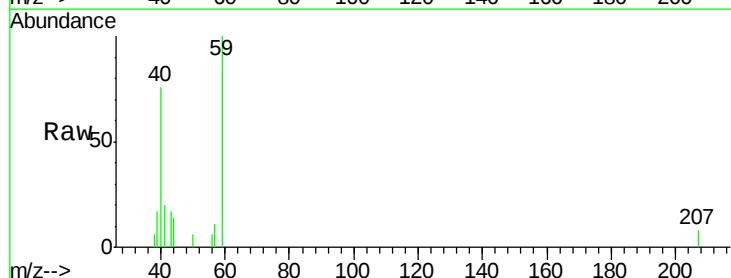
Instrument :
MSVOA_D
ClientSampled :
81-83

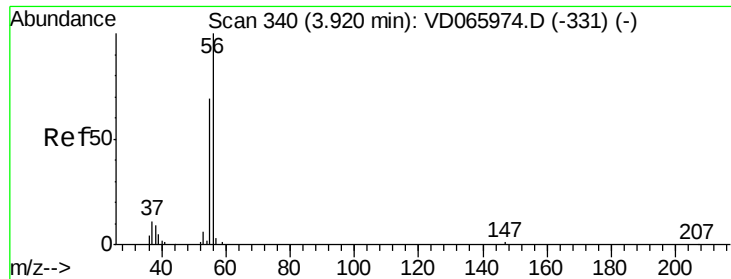
Tot Ion:142 Resp: 169
Ion Ratio Lower Upper
142 100
127 0.0 32.9 49.3#
141 0.0 11.8 17.6#



#11
Tert butyl alcohol
Concen: 40.636 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Tgt Ion: 59 Resp: 8973
Ion Ratio Lower Upper
59 100
57 4.0 4.5 6.7#





#13

Acrolein

Concen: 18.453 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

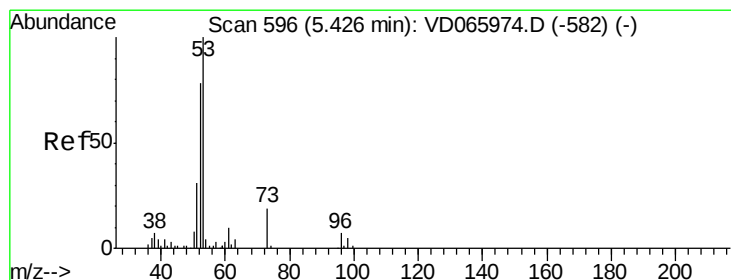
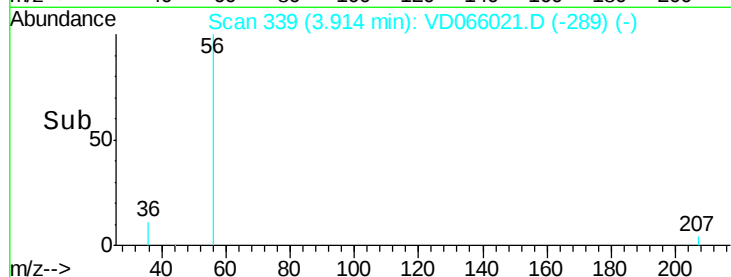
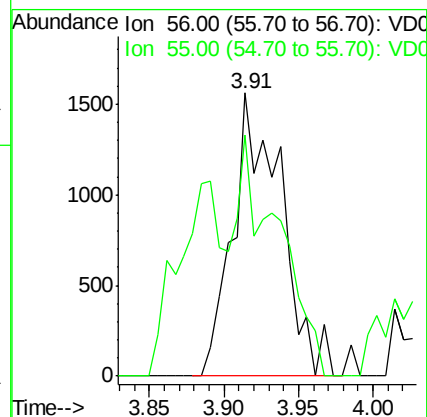
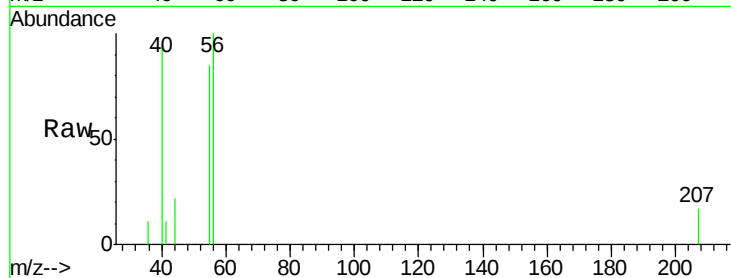
81-83

Tot Ion: 56 Resp: 3500

Ion Ratio Lower Upper

56 100

55 11.1 55.8 83.8#



#15

Acrylonitrile

Concen: 7.515 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

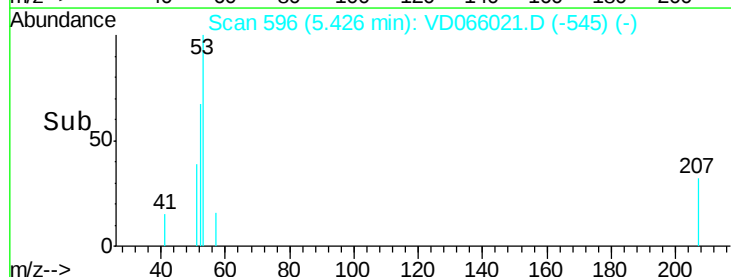
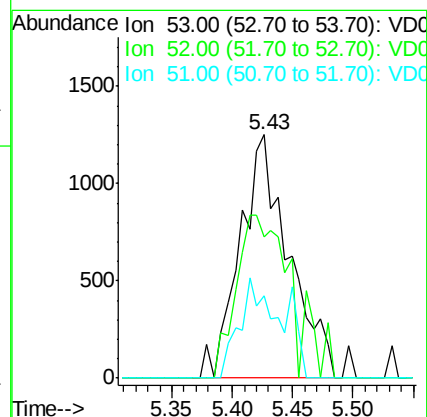
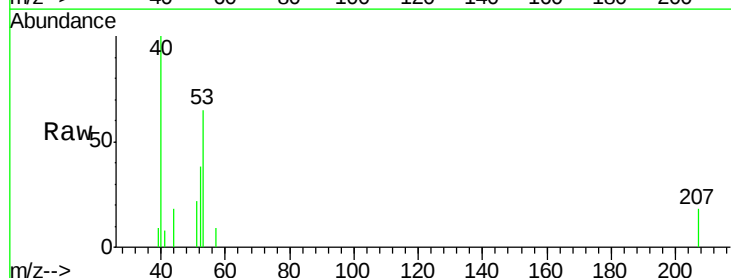
Tgt Ion: 53 Resp: 3522

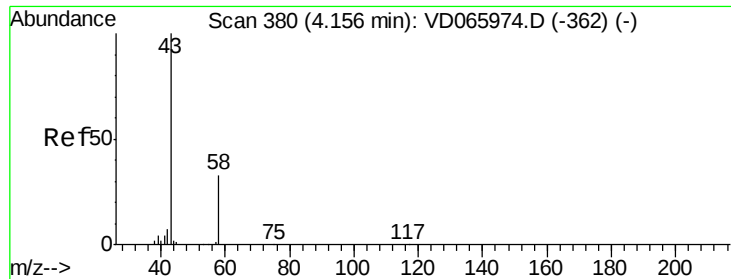
Ion Ratio Lower Upper

53 100

52 66.1 67.1 100.7#

51 28.5 28.7 43.1#

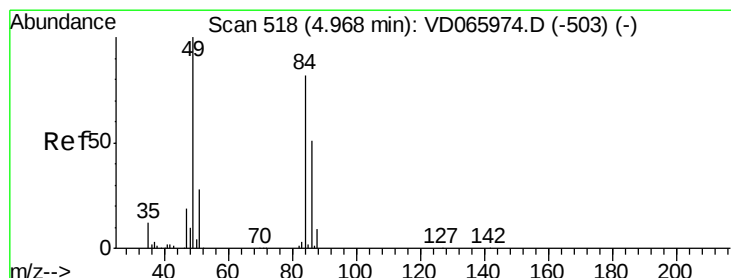
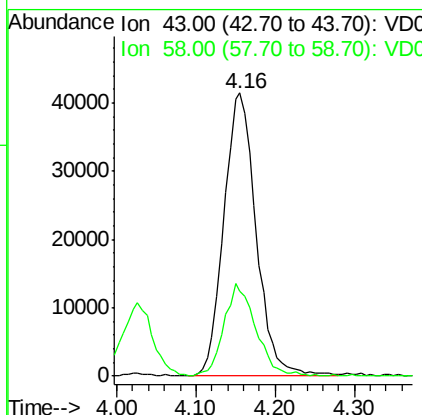
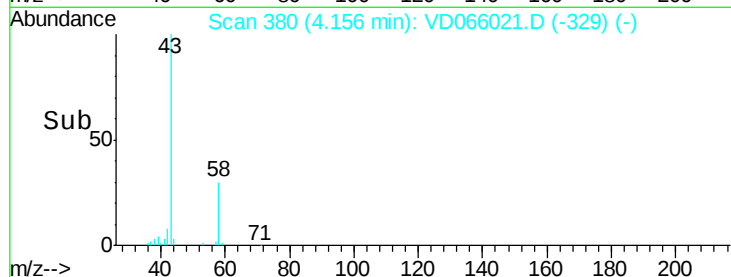
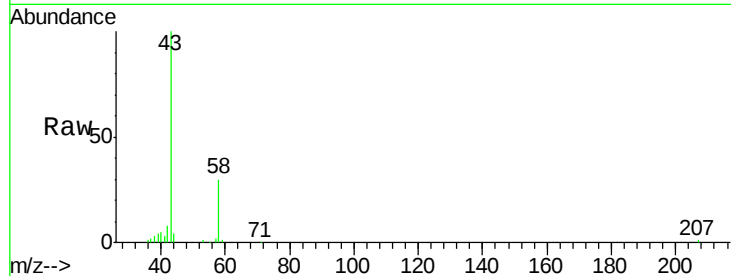




#16
Acetone
Concen: 257.501 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

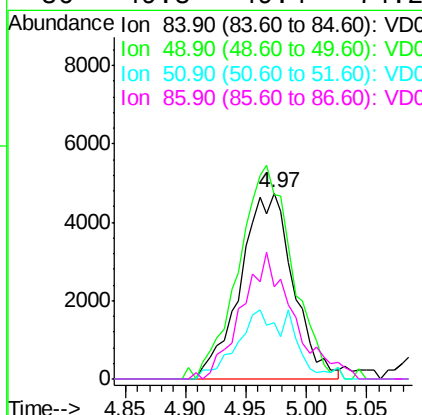
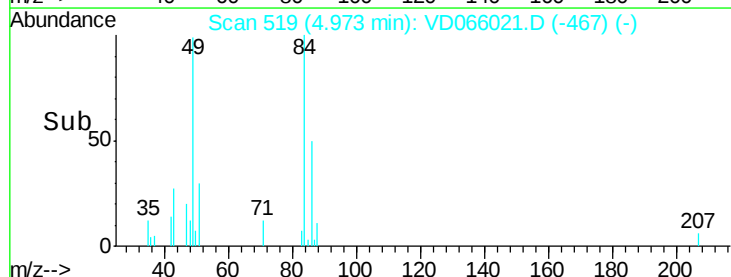
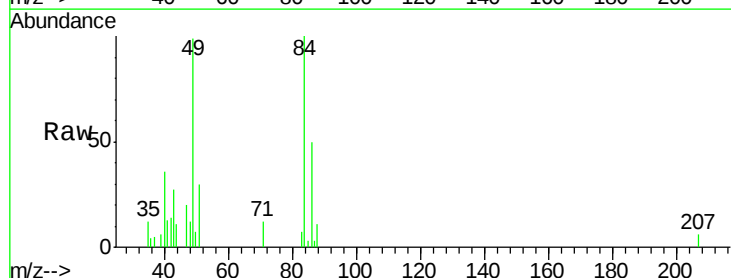
Instrument :
MSVOA_D
ClientSampleId :
81-83

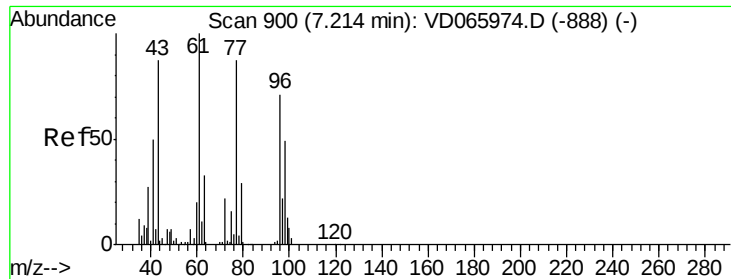
Tot Ion: 43 Resp: 117338
Ion Ratio Lower Upper
43 100
58 30.2 26.3 39.5



#20
Methylene Chloride
Concen: 2.927 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Tgt Ion: 84 Resp: 14408
Ion Ratio Lower Upper
84 100
49 93.4 97.7 146.5#
51 30.2 27.4 41.2
86 49.8 49.4 74.2





#25

2-Butanone

Concen: 68.019 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

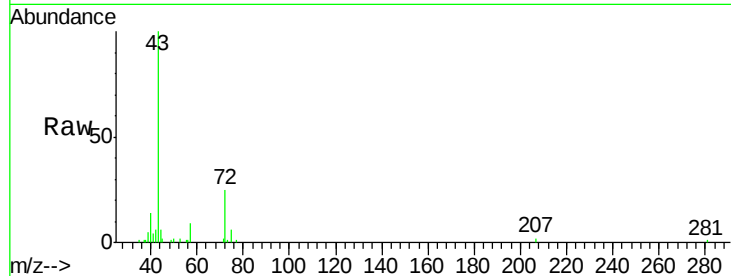
Instrument :
MSVOA_D
ClientSampleId :
81-83

Tot Ion: 43 Resp: 41128

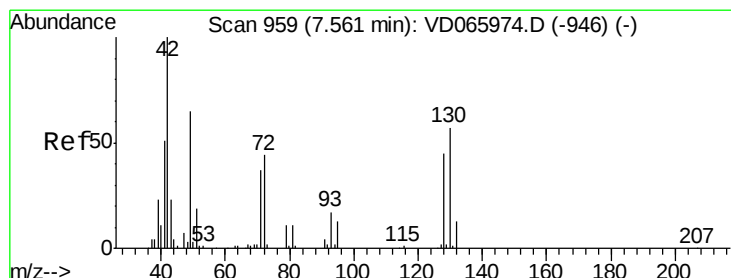
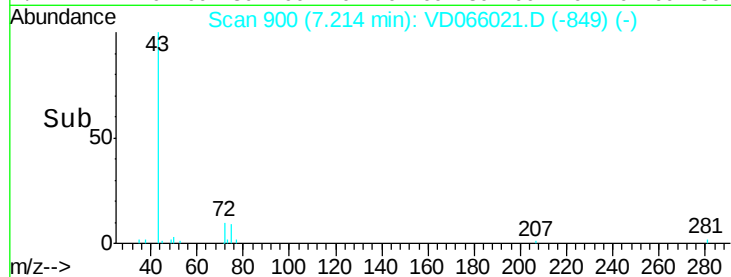
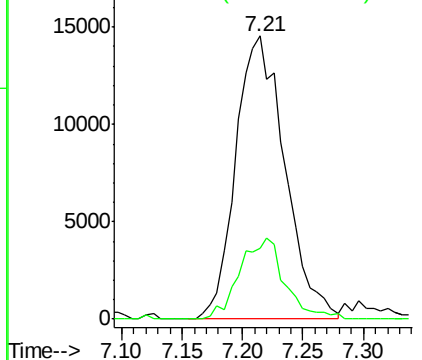
Ion Ratio Lower Upper

43 100

72 25.0 20.2 30.2



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



#29

Tetrahydrofuran

Concen: 1.187 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

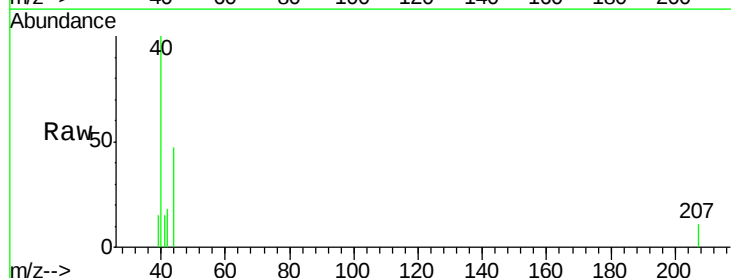
Tgt Ion: 42 Resp: 443

Ion Ratio Lower Upper

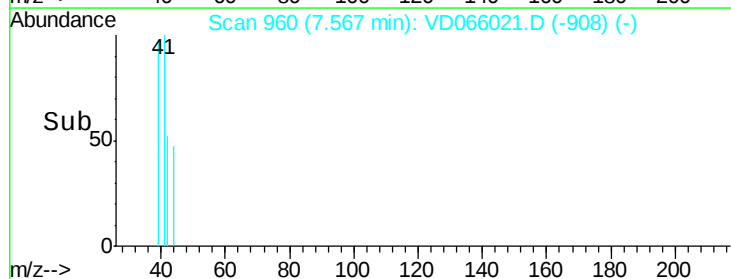
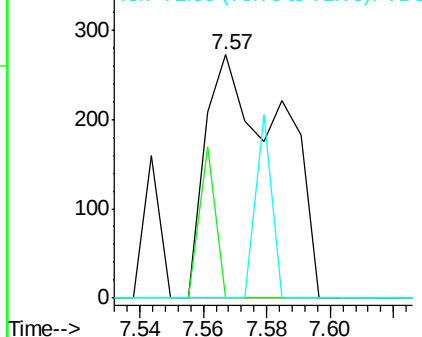
42 100

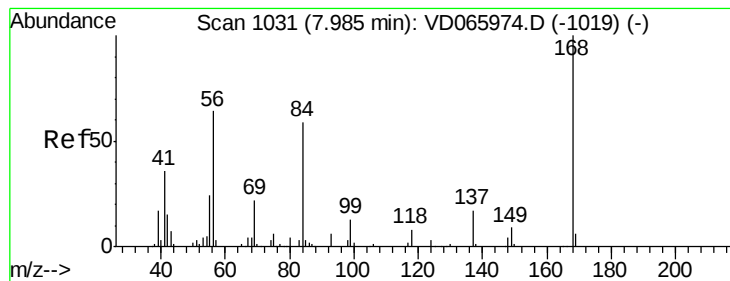
72 13.5 34.2 51.2#

71 16.3 31.4 47.2#



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





#31

Cyclohexane

Concen: 3.532 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.02 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

81-83

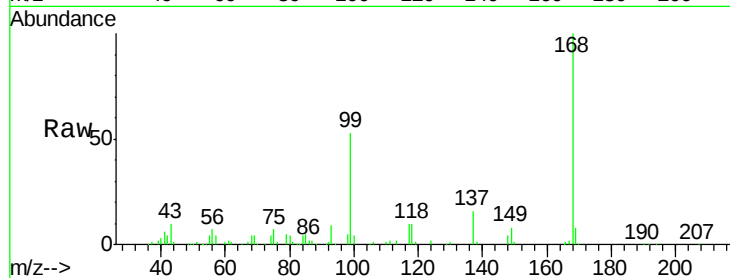
Tot Ion: 56 Resp: 14301

Ion Ratio Lower Upper

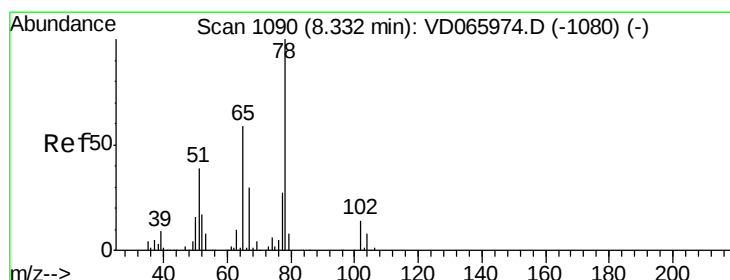
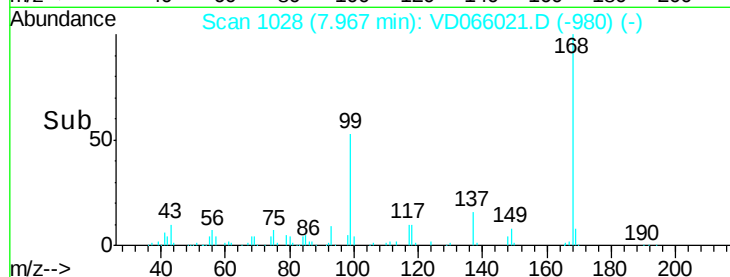
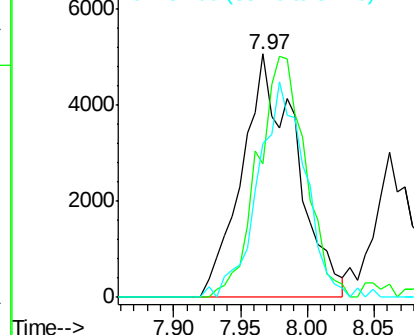
56 100

69 55.0 28.0 42.0#

84 63.3 72.6 109.0#



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



#33

1,2-Dichloroethane-d4

Concen: 59.136 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066021.D

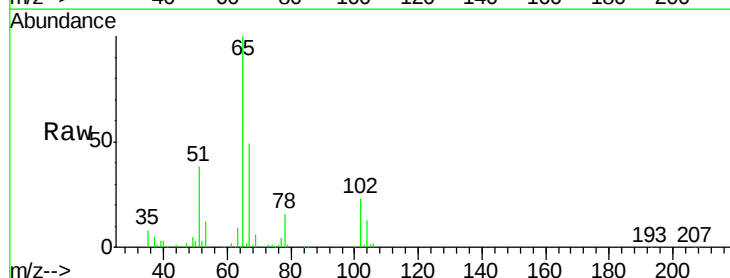
Acq: 23 Jul 2020 13:45

Tgt Ion: 65 Resp: 133128

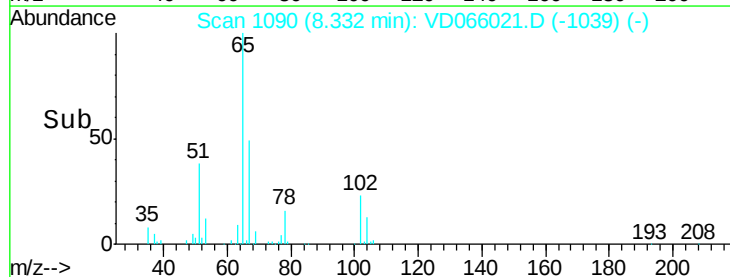
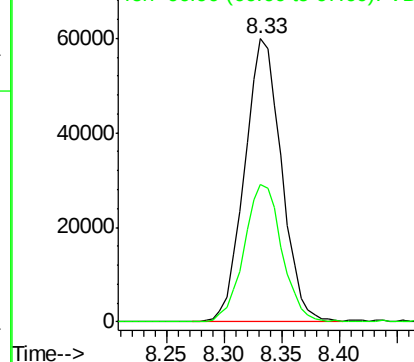
Ion Ratio Lower Upper

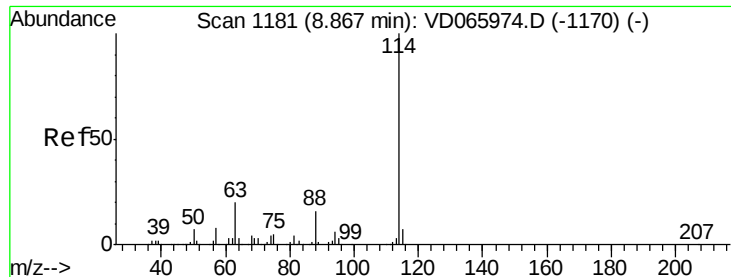
65 100

67 49.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

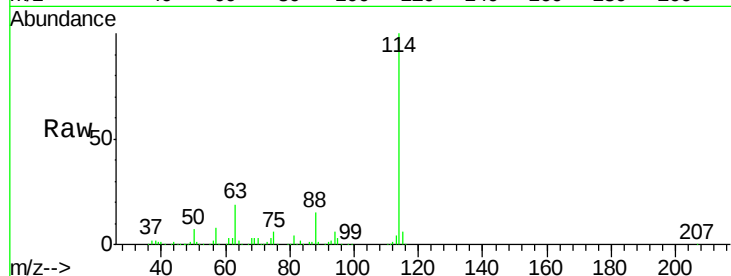




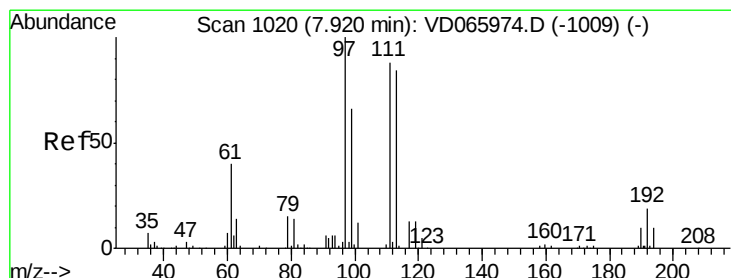
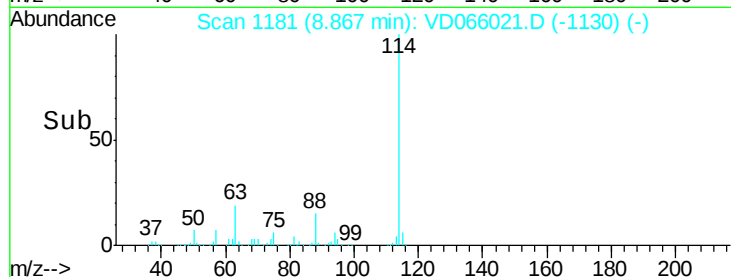
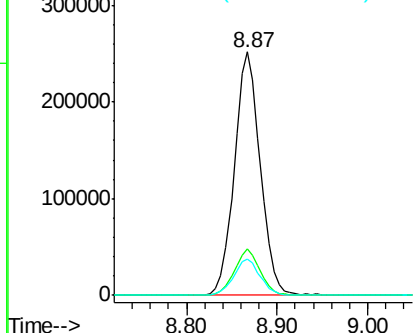
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Instrument :
MSVOA_D
ClientSampleId :
81-83

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	15.0	0.0	31.2

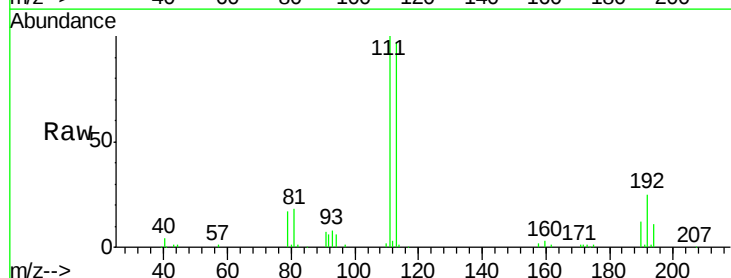


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

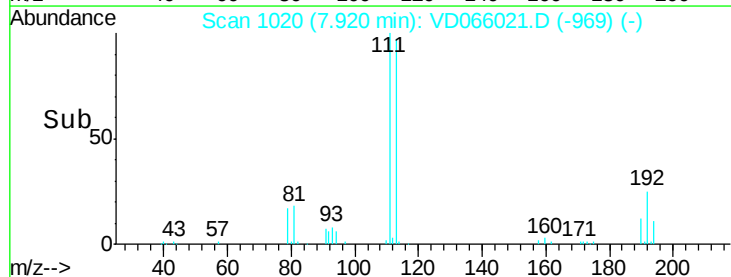
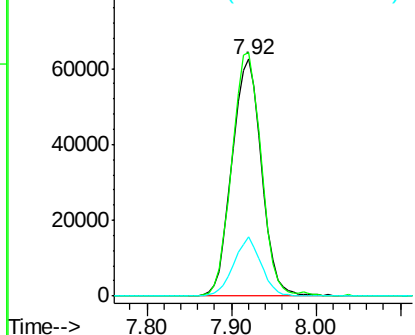


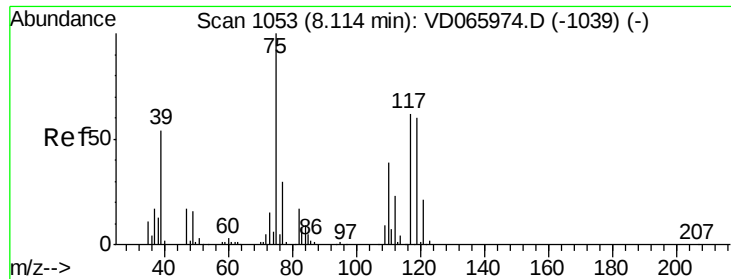
#35
Dibromofluoromethane
Concen: 49.990 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.2	124.8
192	23.0	18.7	28.1



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

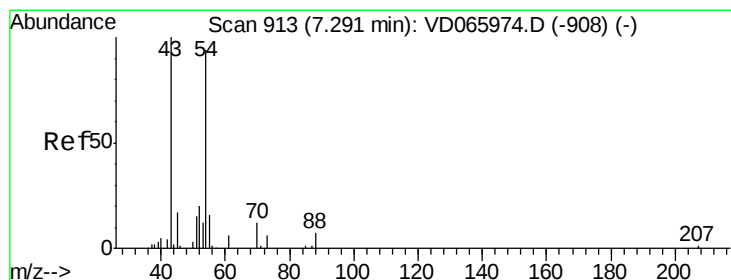
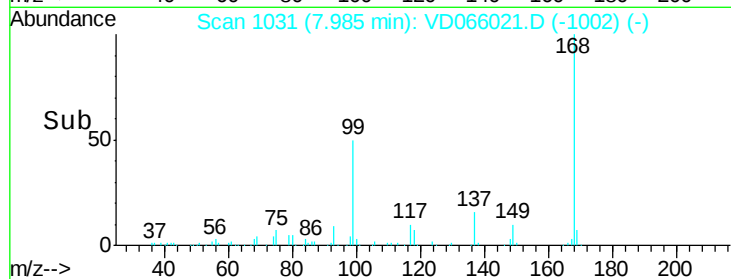
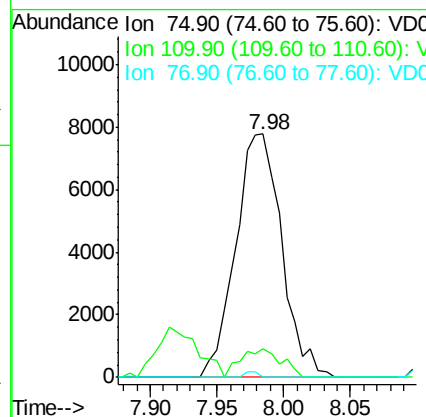
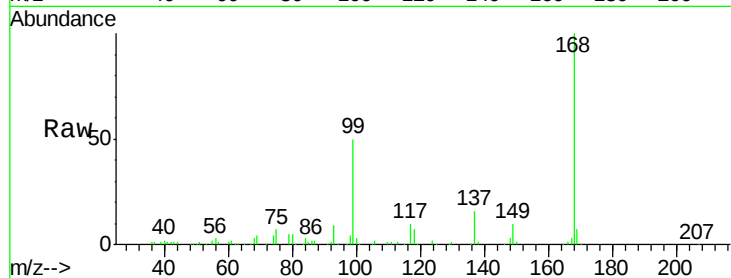




#36
 1,1-Dichloropropene
 Concen: 4.371 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD066021.D
 Acq: 23 Jul 2020 13:45

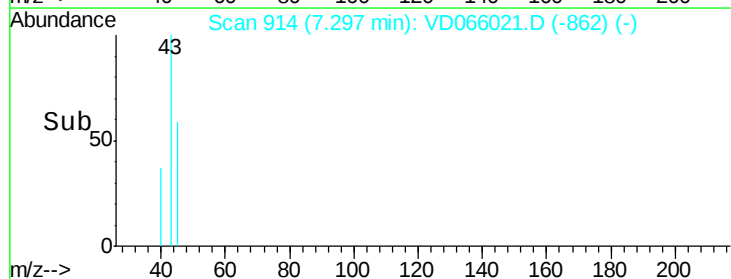
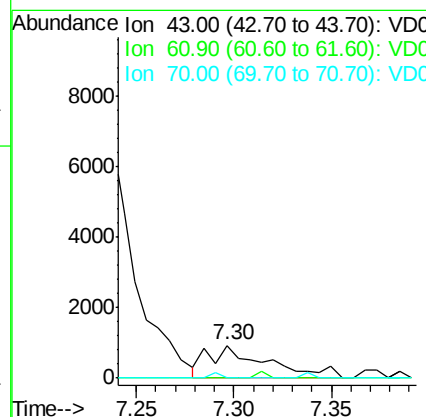
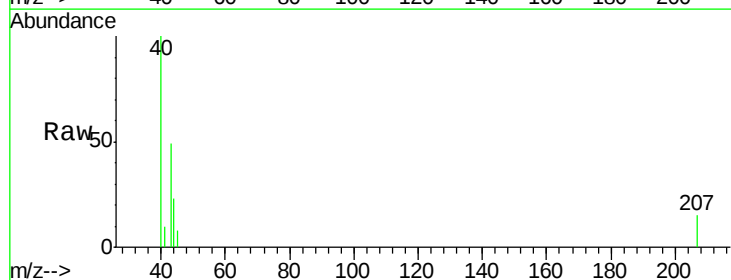
Instrument :
 MSVOA_D
 ClientSampled :
 81-83

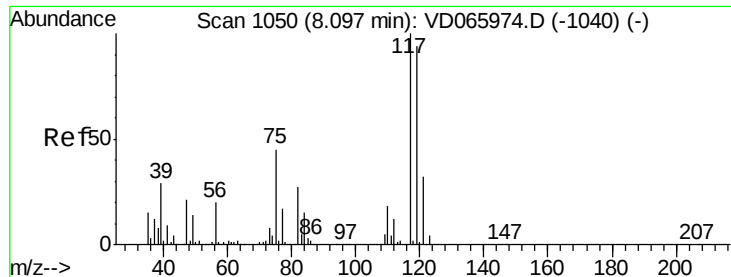
Tot Ion: 75 Resp: 18588
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.5 58.5#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 1.188 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: VD066021.D
 Acq: 23 Jul 2020 13:45

Tgt Ion: 43 Resp: 1929
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.0#
 70 2.9 9.3 13.9#

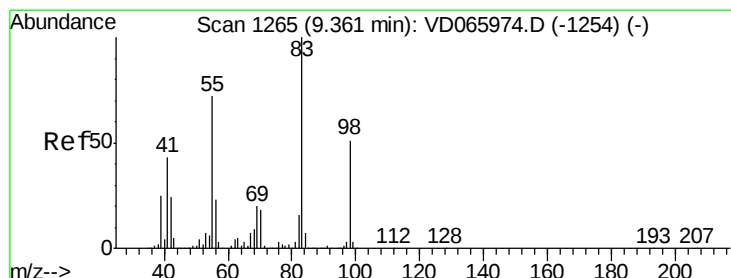
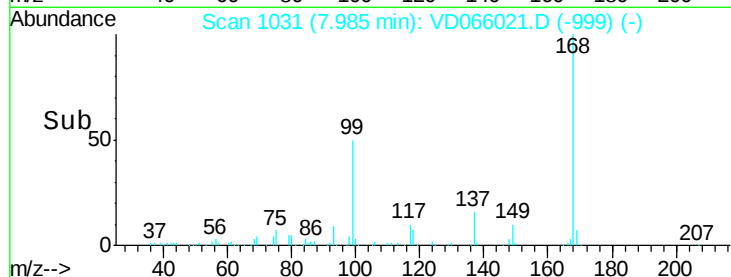
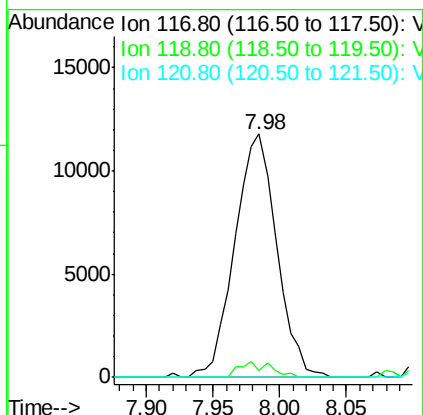
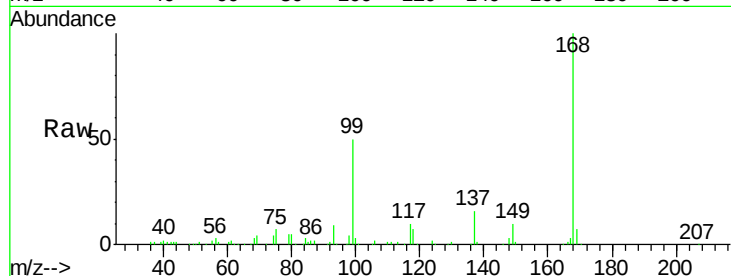




#38
Carbon Tetrachloride
Concen: 5.572 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

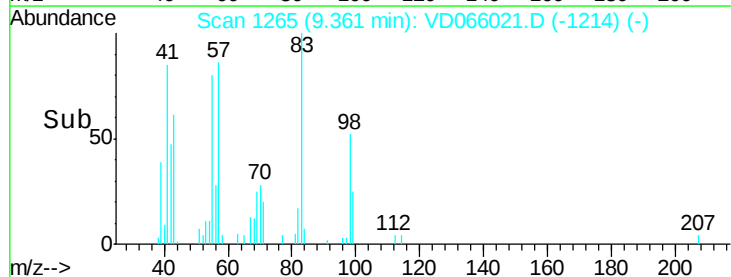
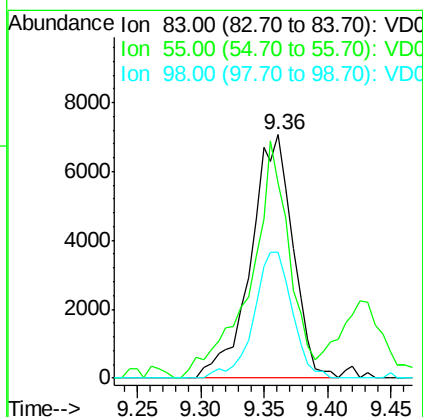
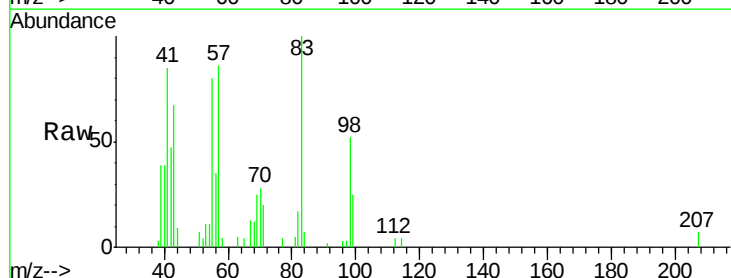
Instrument :
MSVOA_D
ClientSampleId :
81-83

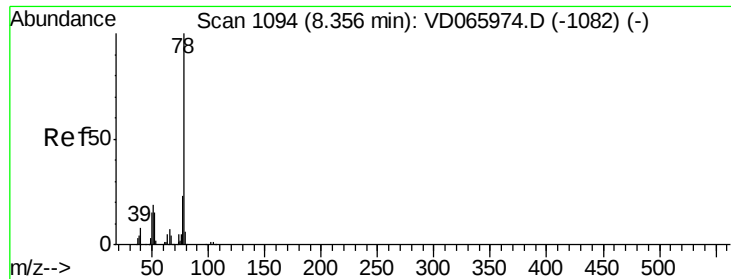
Tot Ion:117 Resp: 25714
Ion Ratio Lower Upper
117 100
119 3.0 75.0 112.6#
121 0.0 25.5 38.3#



#39
Methylcyclohexane
Concen: 3.166 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Tgt Ion: 83 Resp: 16304
Ion Ratio Lower Upper
83 100
55 76.6 57.3 85.9
98 51.6 41.0 61.6





#40

Benzene

Concen: 4.864 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

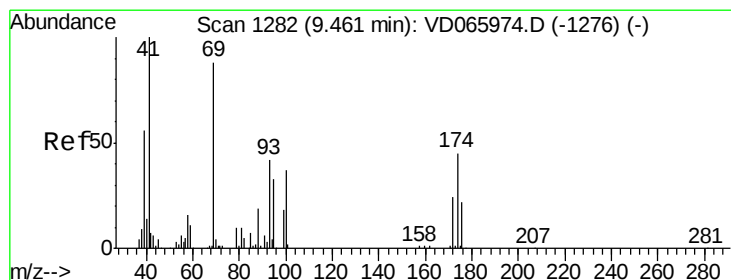
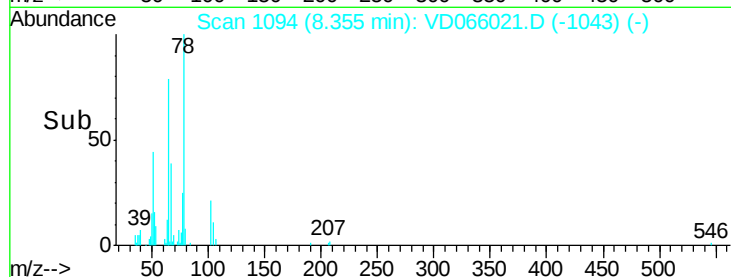
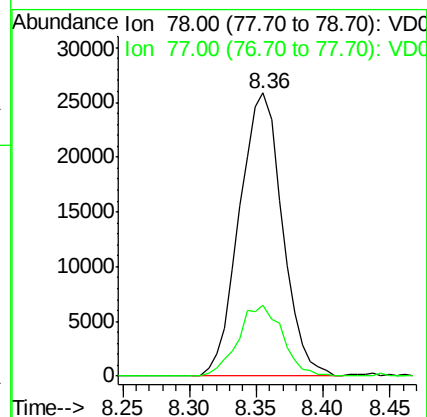
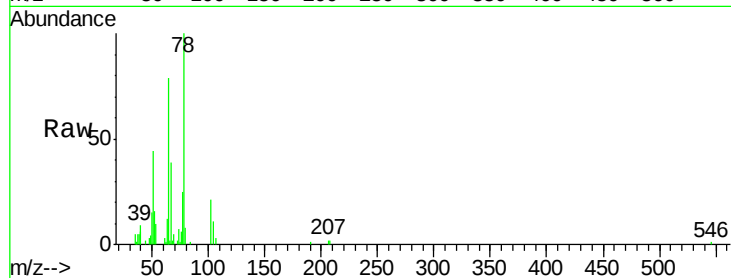
81-83

Tot Ion: 78 Resp: 57874

Ion Ratio Lower Upper

78 100

77 25.1 18.6 27.8



#48

Methyl methacrylate

Concen: 1.390 ug/l

RT: 9.48 min Scan# 1286

Delta R.T. 0.02 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

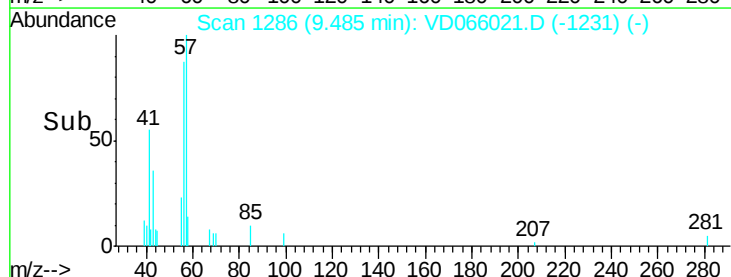
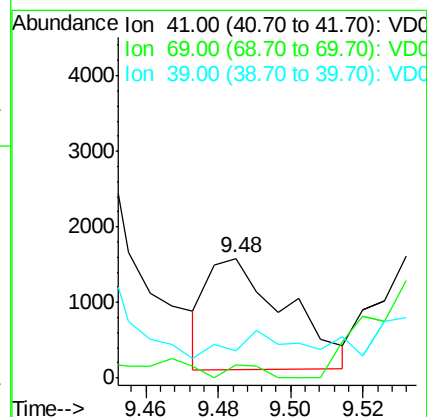
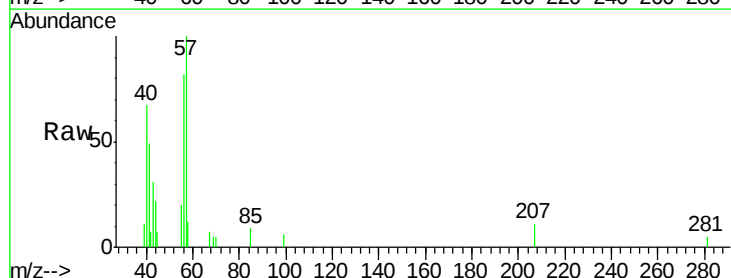
Tgt Ion: 41 Resp: 2225

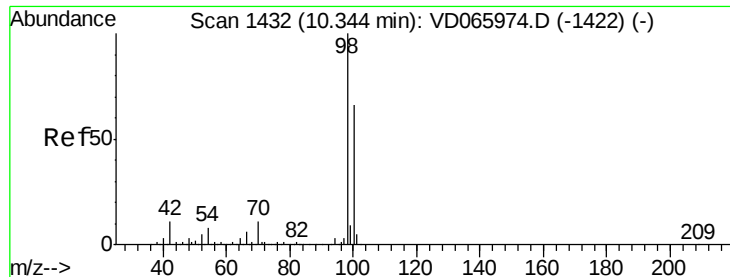
Ion Ratio Lower Upper

41 100

69 0.0 65.1 97.7#

39 43.4 41.5 62.3





#50

Toluene-d8

Concen: 52.825 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

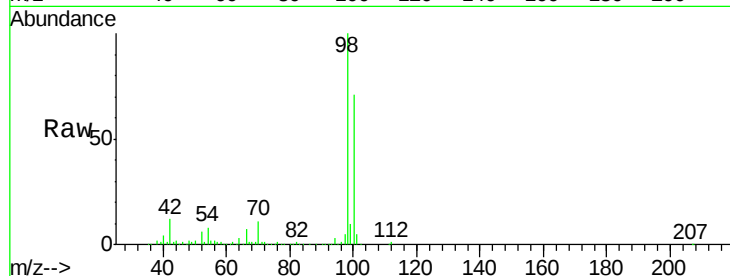
81-83

Tot Ion: 98 Resp: 594795

Ion Ratio Lower Upper

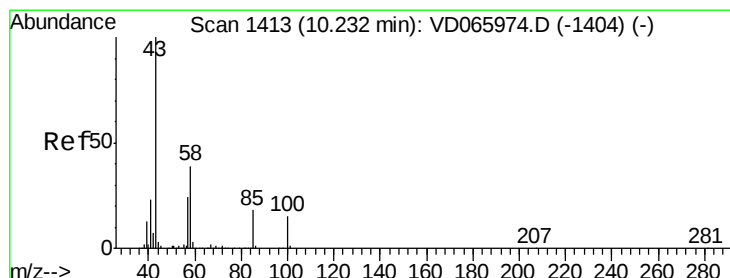
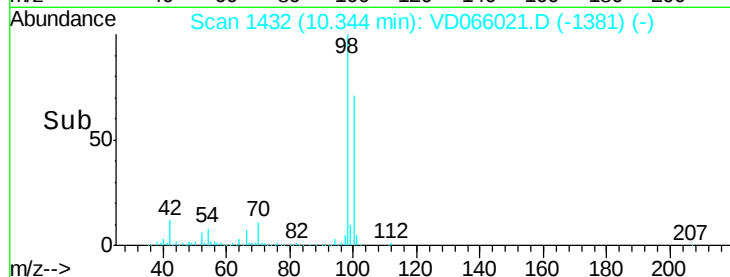
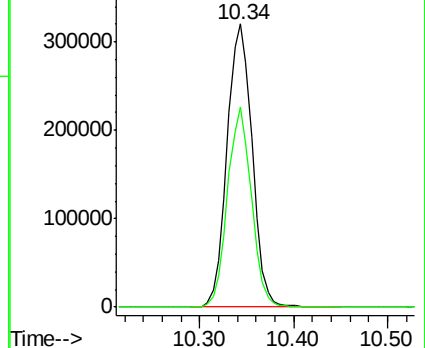
98 100

100 67.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 4.473 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD066021.D

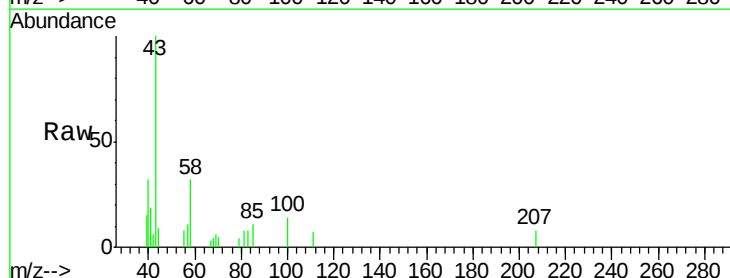
Acq: 23 Jul 2020 13:45

Tgt Ion: 43 Resp: 7150

Ion Ratio Lower Upper

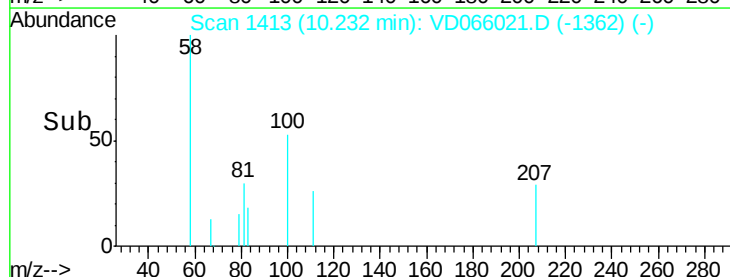
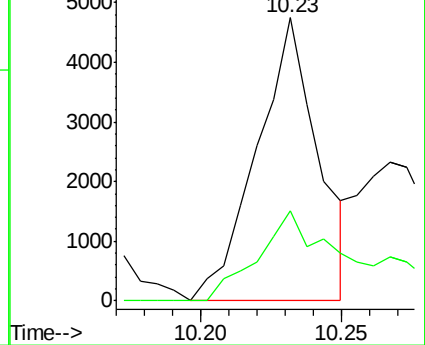
43 100

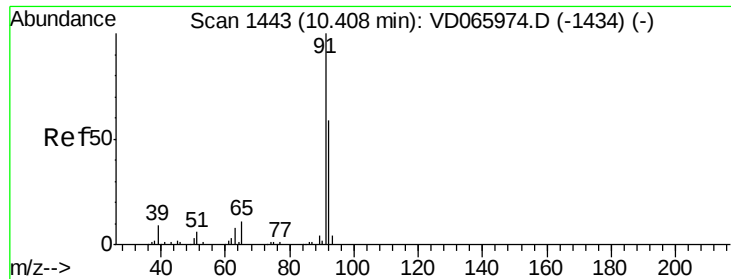
58 39.9 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#52

Toluene

Concen: 179.602 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampled :

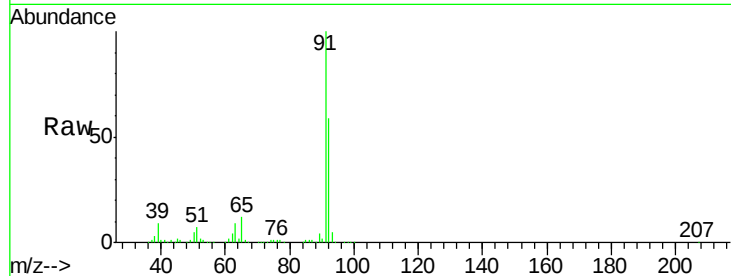
81-83

Tot Ion: 92 Resp: 1393608

Ion Ratio Lower Upper

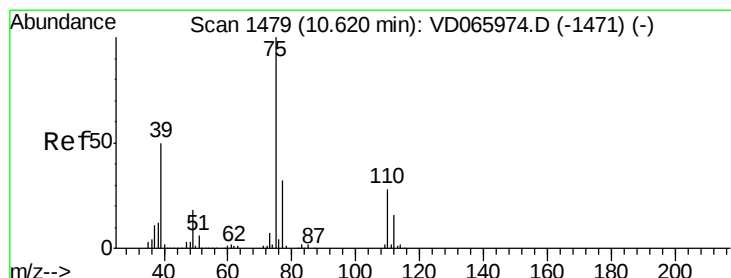
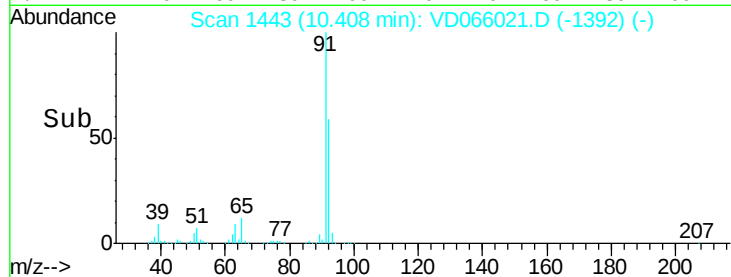
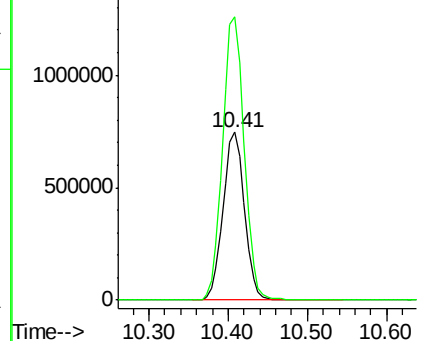
92 100

91 170.5 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#53

t-1,3-Dichloropropene

Concen: 4.275 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.21 min

Lab File: VD066021.D

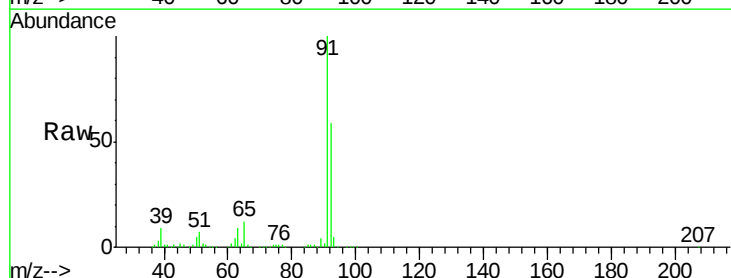
Acq: 23 Jul 2020 13:45

Tgt Ion: 75 Resp: 16336

Ion Ratio Lower Upper

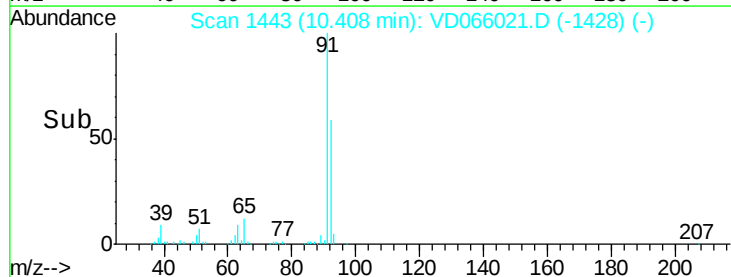
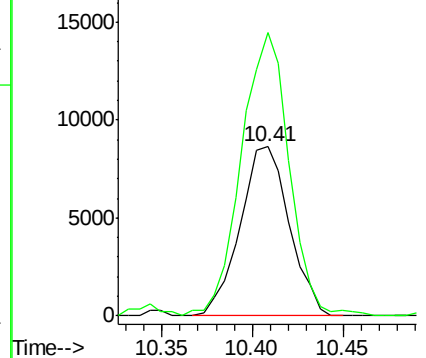
75 100

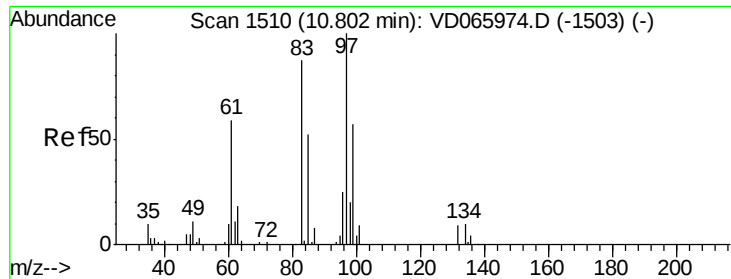
77 164.3 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC





#55

1,1,2-Trichloroethane

Concen: 2.867 ug/l

RT: 10.77 min Scan# 1504

Delta R.T. -0.04 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

81-83

Tot Ion: 97 Resp: 6308

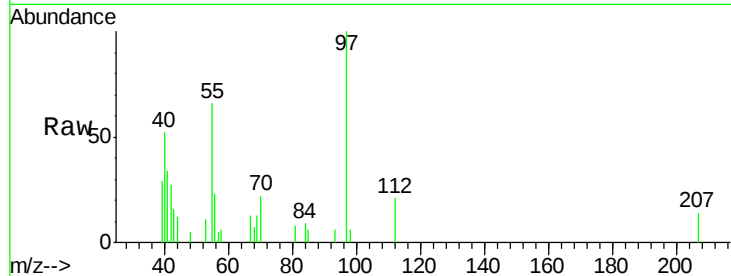
Ion Ratio Lower Upper

97 100

83 0.0 69.7 104.5#

85 5.8 41.6 62.4#

99 0.0 45.9 68.9#

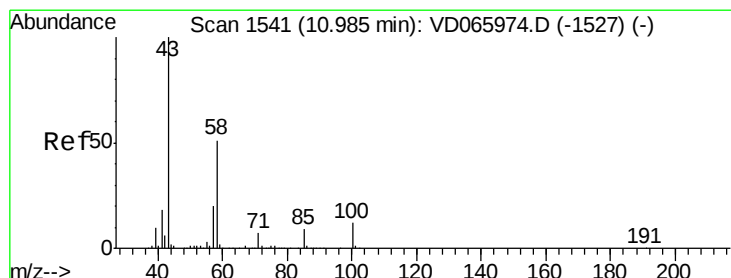
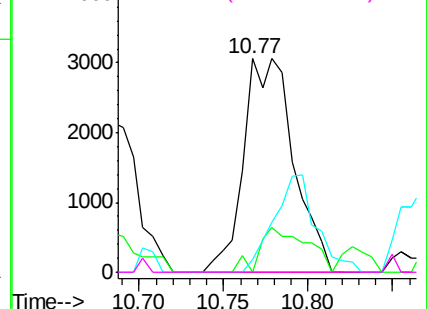
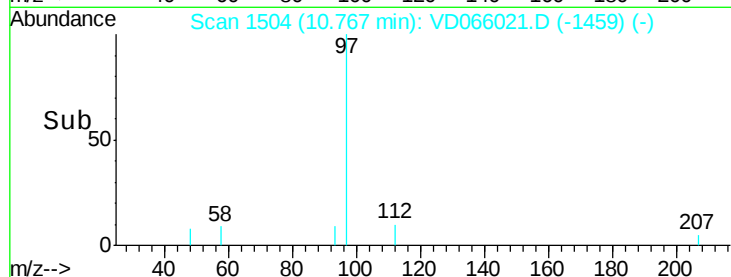


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#59

2-Hexanone

Concen: 4.302 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.01 min

Lab File: VD066021.D

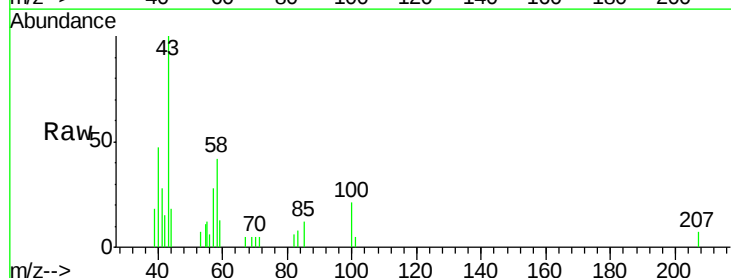
Acq: 23 Jul 2020 13:45

Tgt Ion: 43 Resp: 4765

Ion Ratio Lower Upper

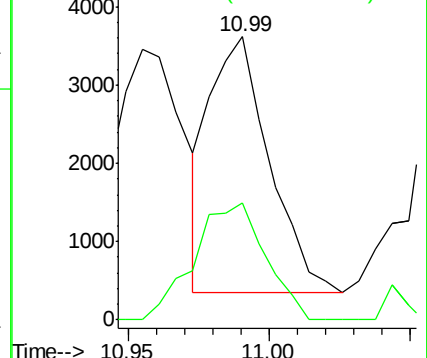
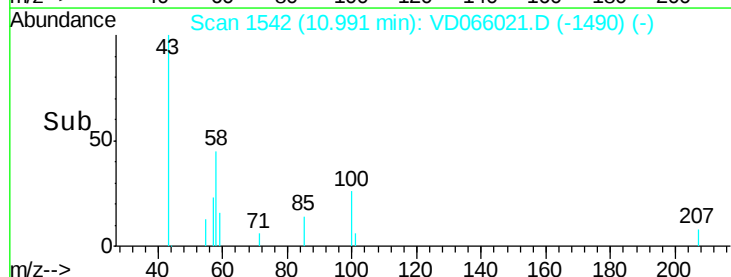
43 100

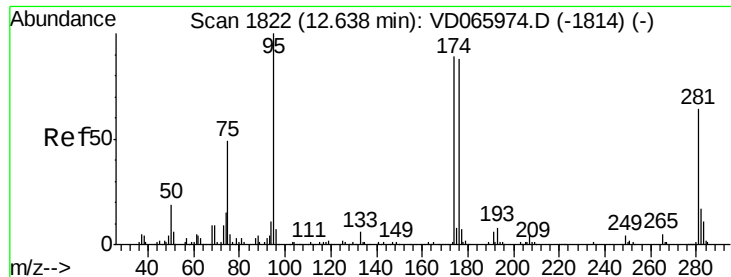
58 55.1 26.2 78.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

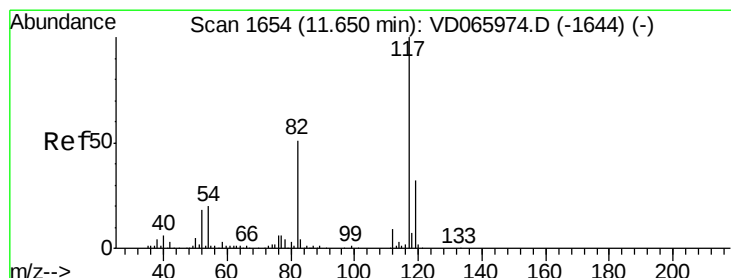
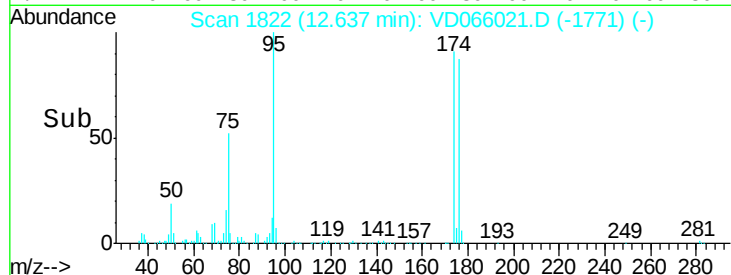
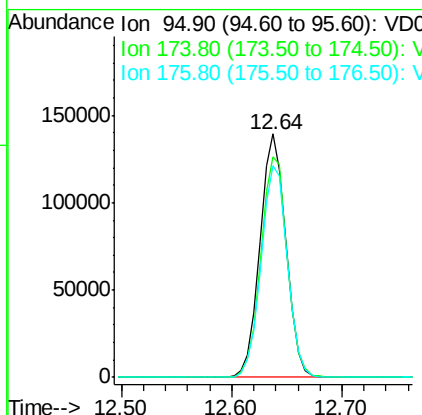
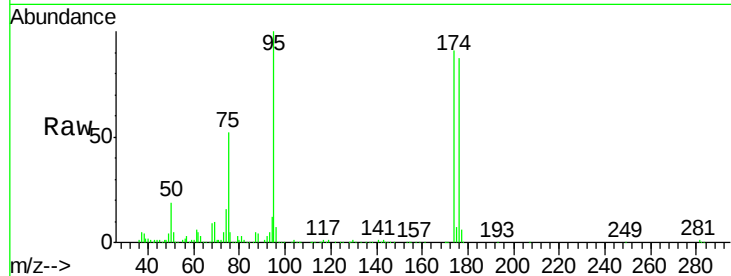




#62
4-Bromofluorobenzene
Concen: 58.797 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

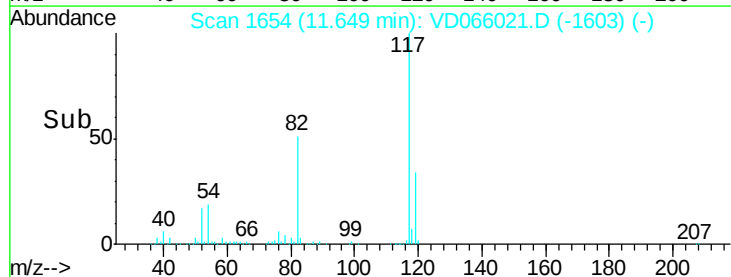
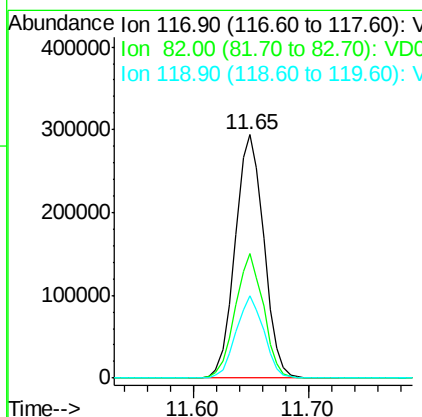
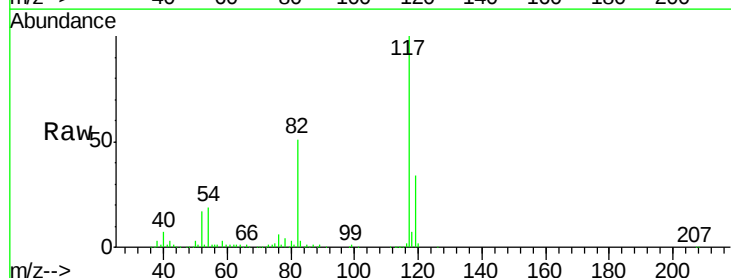
Instrument :
MSVOA_D
ClientSampleId :
81-83

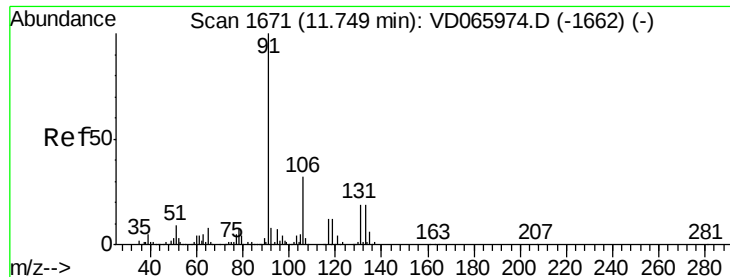
Tot Ion: 95 Resp: 229554
Ion Ratio Lower Upper
95 100
174 92.4 0.0 178.8
176 88.3 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Tgt Ion: 117 Resp: 505508
Ion Ratio Lower Upper
117 100
82 50.9 41.1 61.7
119 33.8 25.9 38.9





#67

Ethyl Benzene

Concen: 92.995 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

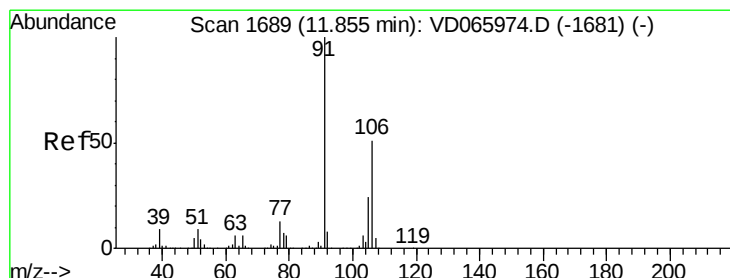
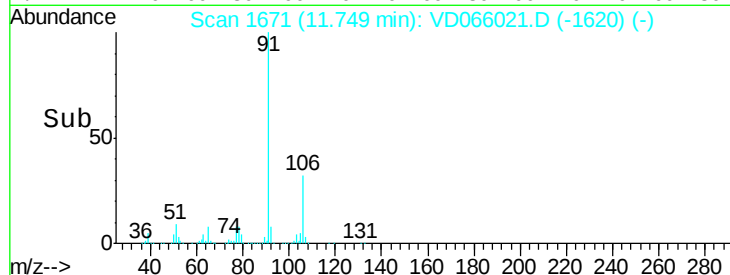
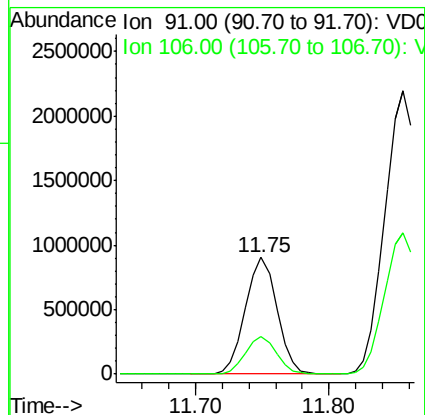
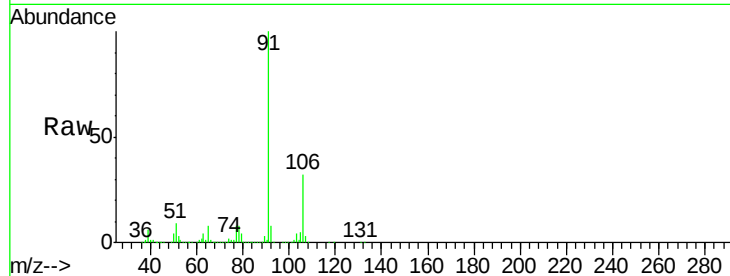
81-83

Tot Ion: 91 Resp: 1481239

Ion Ratio Lower Upper

91 100

106 32.3 25.7 38.5



#68

m/p-Xylenes

Concen: 340.910 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066021.D

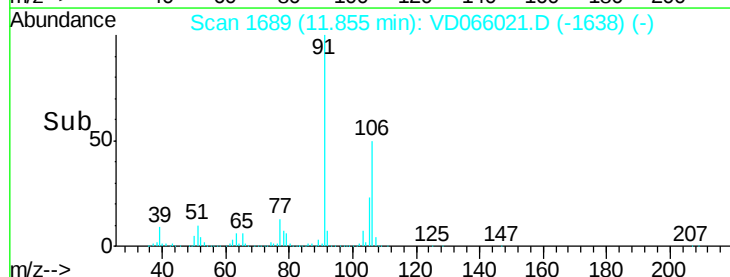
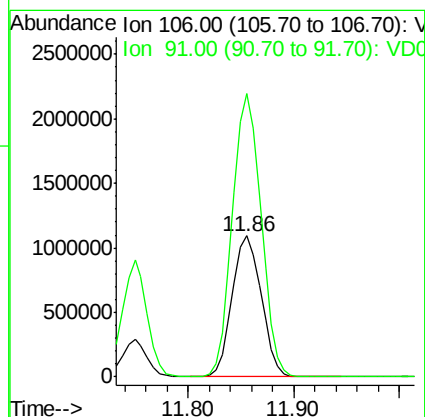
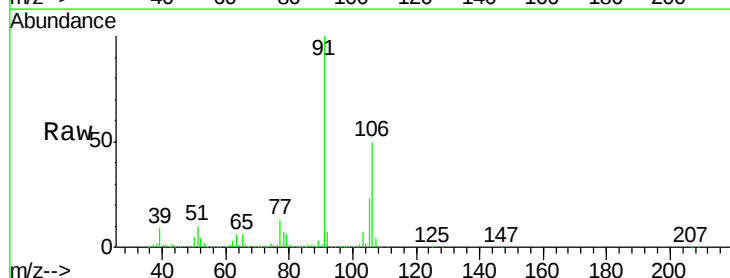
Acq: 23 Jul 2020 13:45

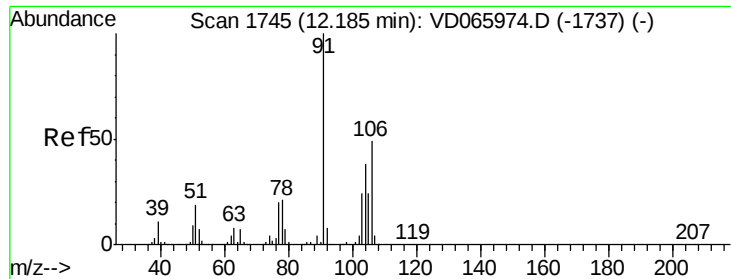
Tgt Ion: 106 Resp: 2087087

Ion Ratio Lower Upper

106 100

91 197.4 157.0 235.6

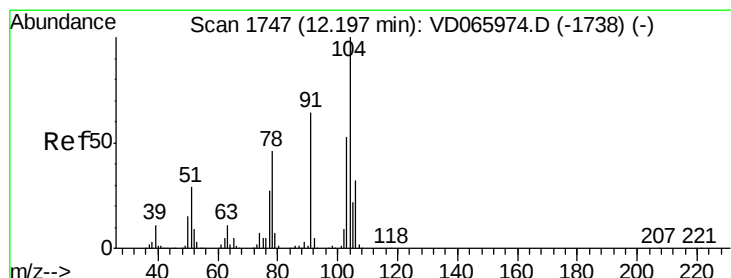
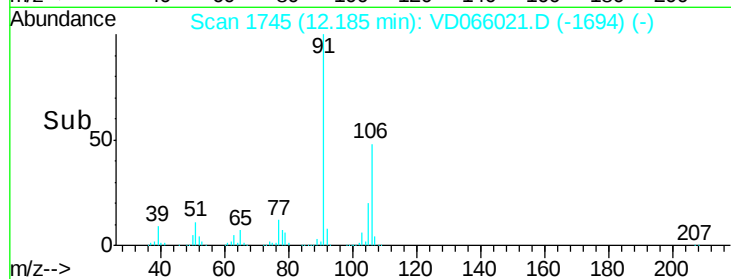
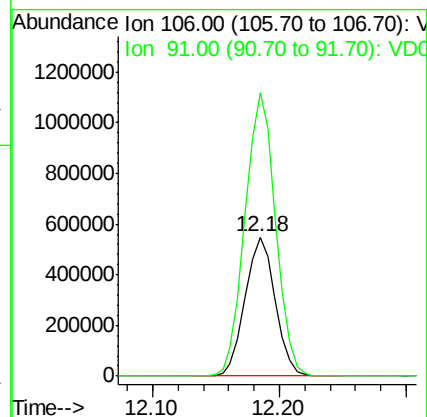
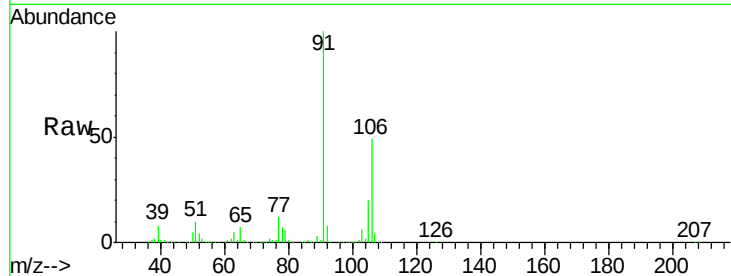




#69
o-Xylene
Concen: 161.909 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

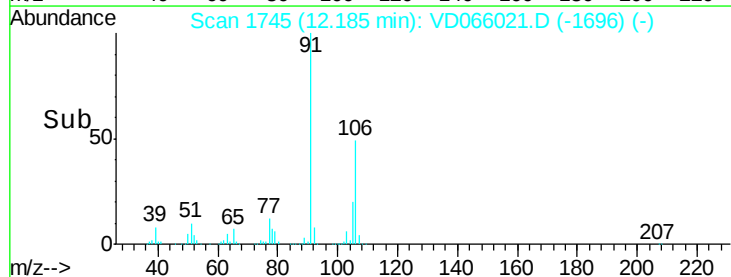
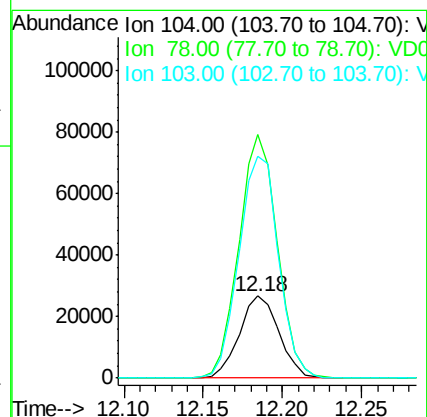
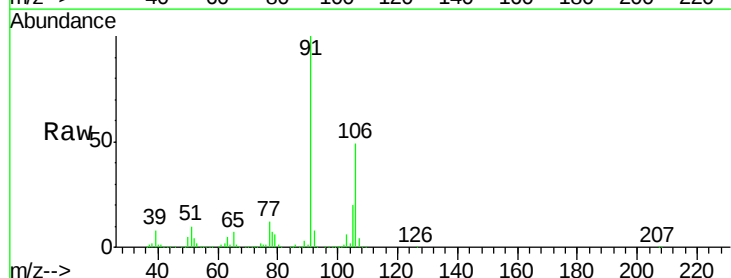
Instrument :
MSVOA_D
ClientSampleID :
81-83

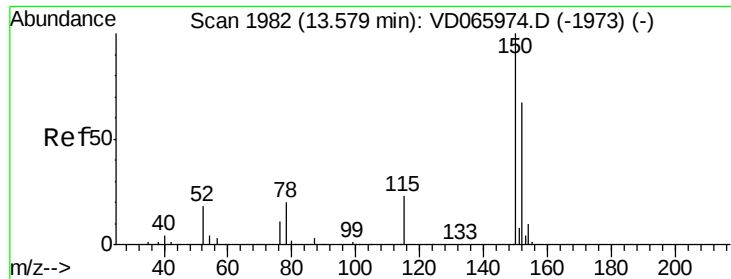
Tot Ion:106 Resp: 901553
Ion Ratio Lower Upper
106 100
91 207.3 103.1 309.3



#70
Styrene
Concen: 4.862 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Tgt Ion:104 Resp: 46513
Ion Ratio Lower Upper
104 100
78 285.5 38.3 57.5#
103 269.4 43.8 65.8#



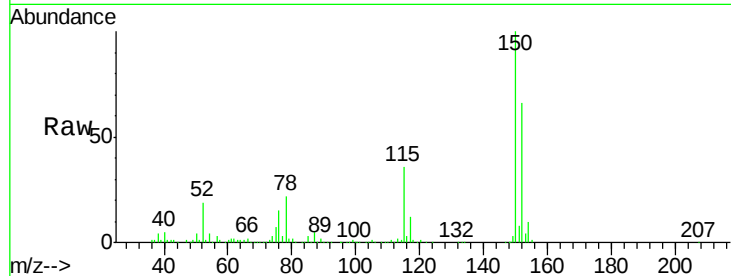


#72

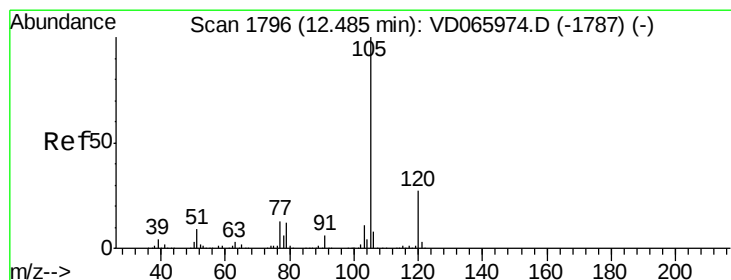
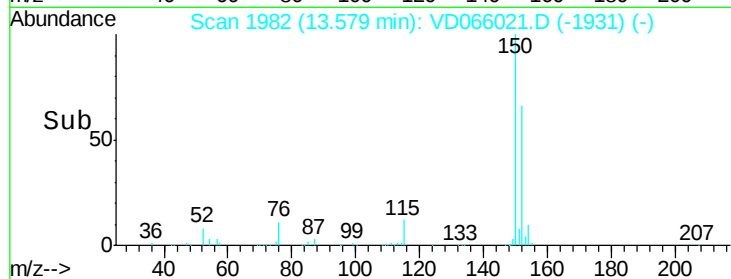
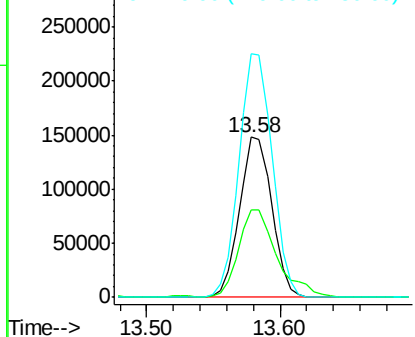
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Instrument :
MSVOA_D
ClientSampleId :
81-83

Tot Ion:152 Resp: 248602
Ion Ratio Lower Upper
152 100
115 64.2 27.9 83.7
150 155.9 0.0 348.2



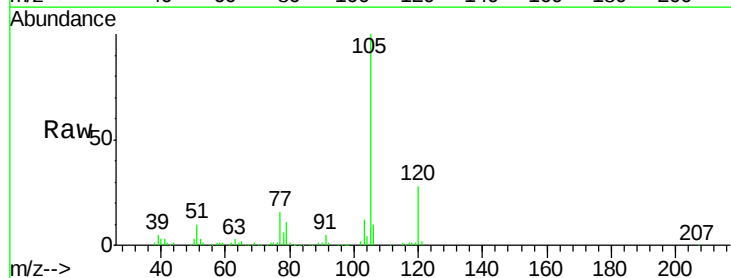
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



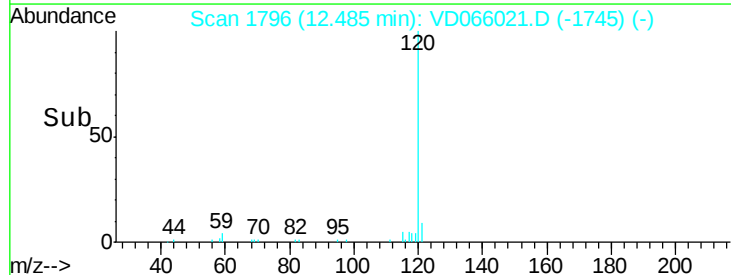
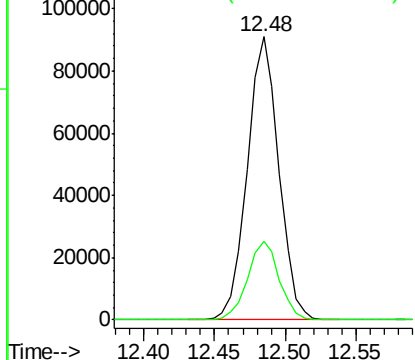
#73

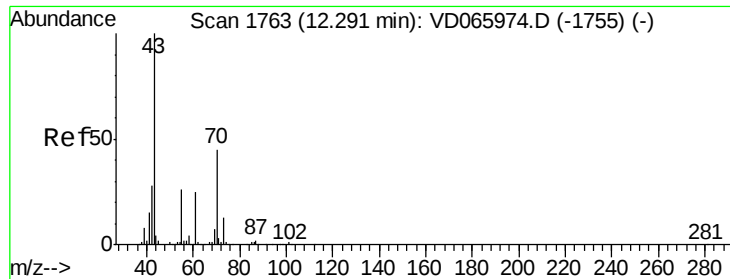
Isopropylbenzene
Concen: 9.475 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Tgt Ion:105 Resp: 142534
Ion Ratio Lower Upper
105 100
120 27.9 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

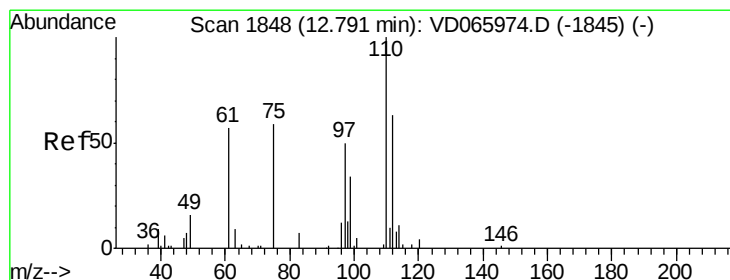
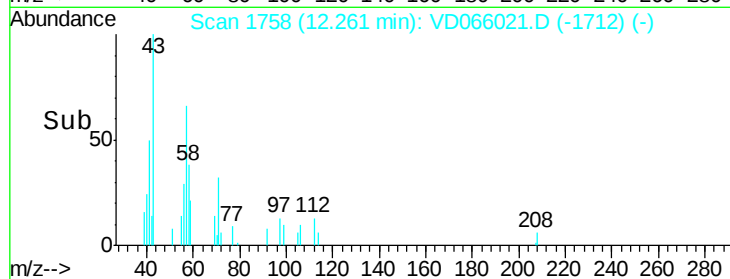
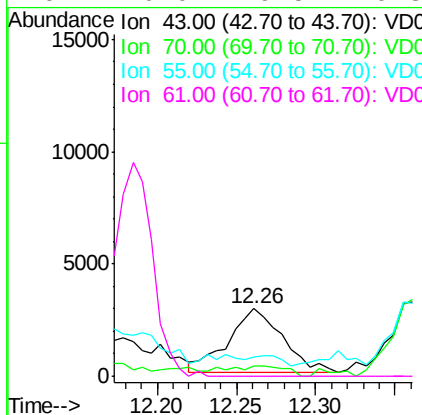
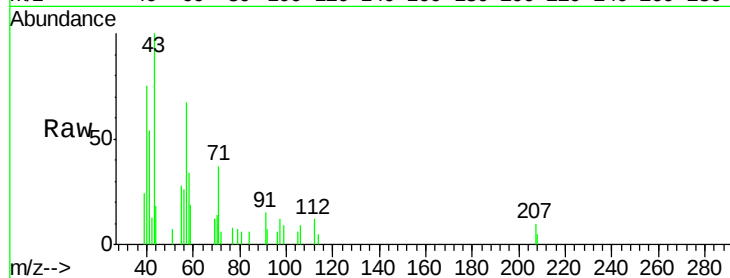




#74
N-amvl acetate
Concen: 2.123 ug/l
RT: 12.26 min Scan# 1758
Delta R.T. -0.03 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

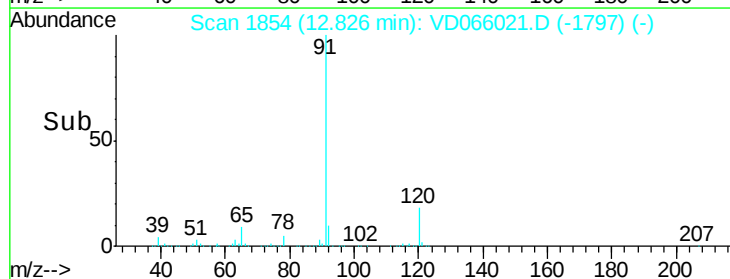
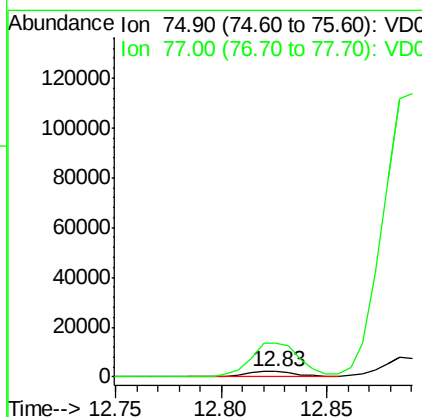
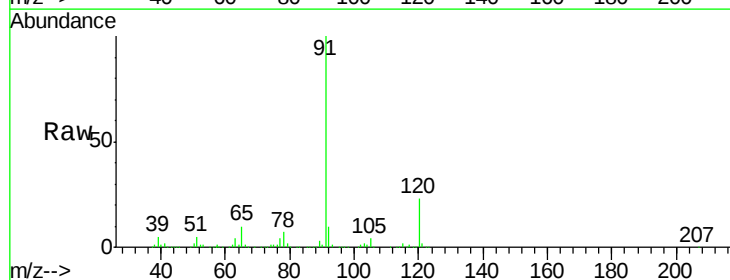
Instrument :
MSVOA_D
ClientSampled :
81-83

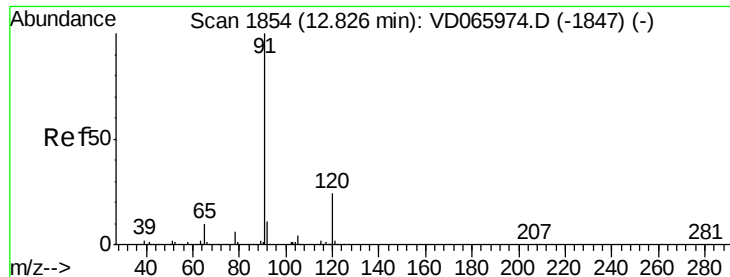
Tot Ion: 43 Resp: 6623
Ion Ratio Lower Upper
43 100
70 10.7 34.6 51.8#
55 9.3 20.3 30.5#
61 0.0 19.5 29.3#



#76
1,2,3-Trichloropropane
Concen: 1.929 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.04 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Tgt Ion: 75 Resp: 3611
Ion Ratio Lower Upper
75 100
77 616.7 0.0 0.0#





#78

n-propylbenzene

Concen: 32.434 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampled :

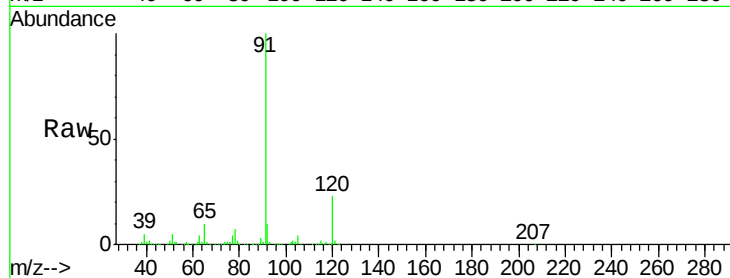
81-83

Tot Ion: 91 Resp: 566161

Ion Ratio Lower Upper

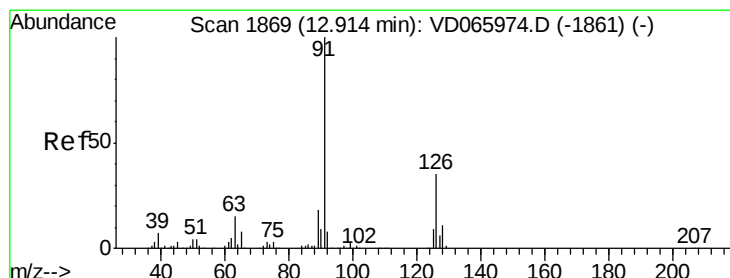
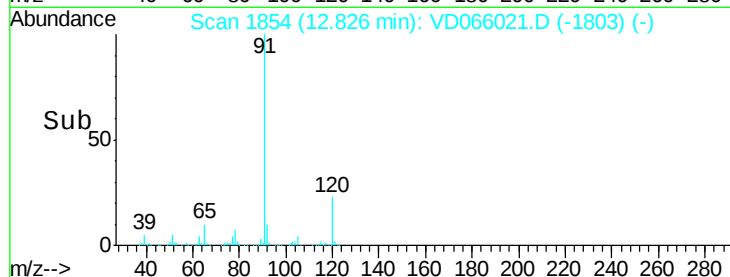
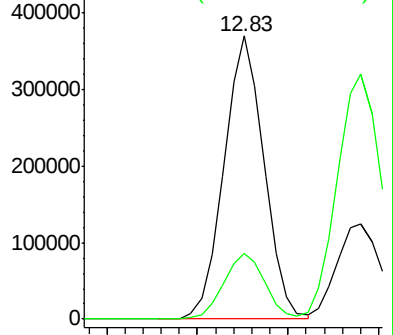
91 100

120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 21.252 ug/l

RT: 12.89 min Scan# 1865

Delta R.T. -0.02 min

Lab File: VD066021.D

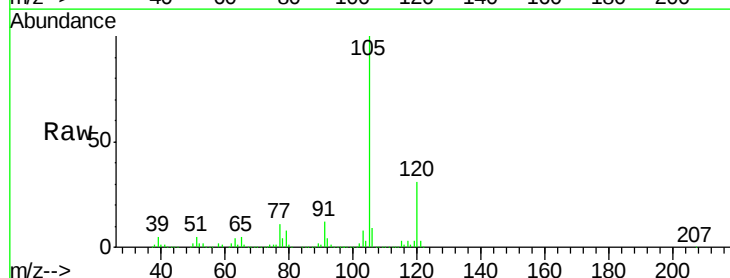
Acq: 23 Jul 2020 13:45

Tgt Ion: 91 Resp: 211938

Ion Ratio Lower Upper

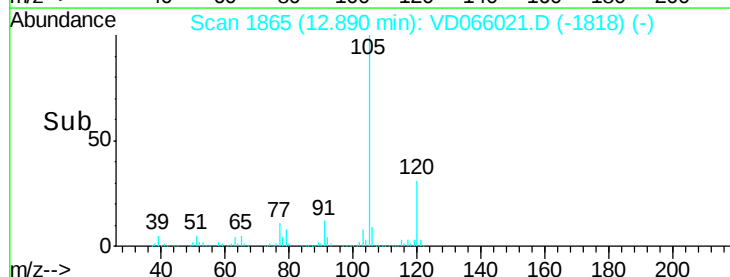
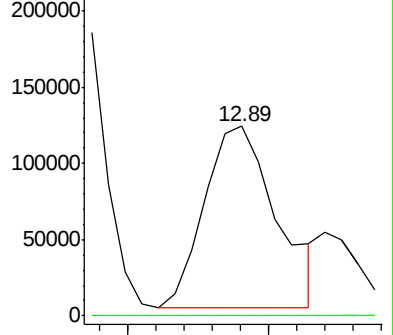
91 100

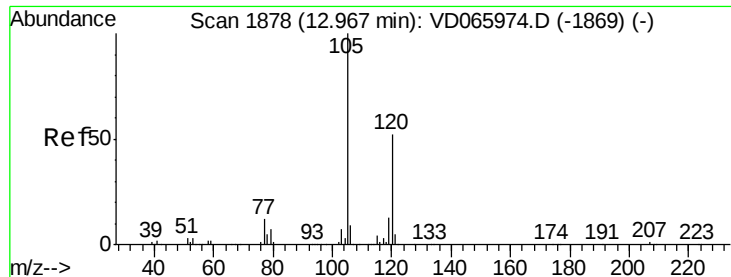
126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

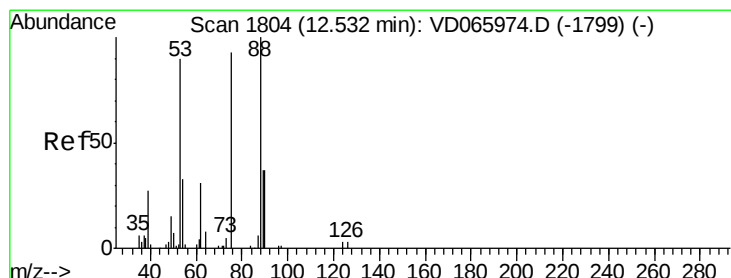
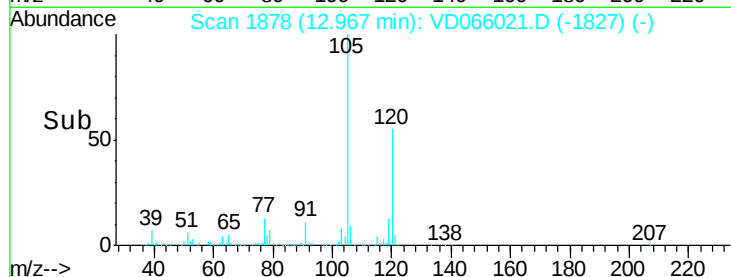
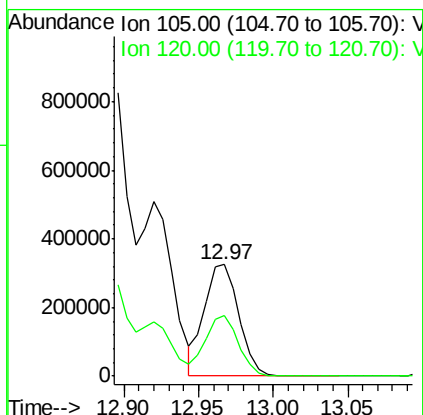
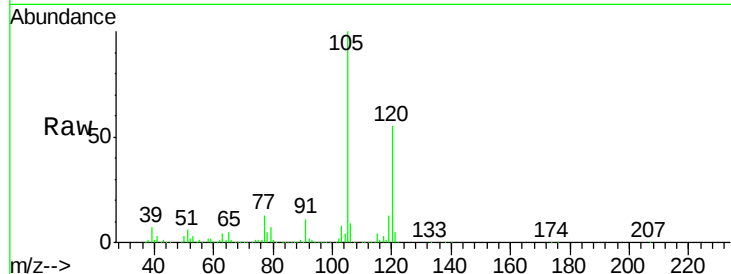




#80
 1,3,5-Trimethylbenzene
 Concen: 42.193 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD066021.D
 Acq: 23 Jul 2020 13:45

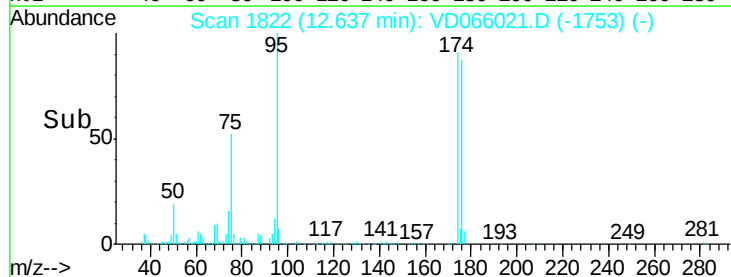
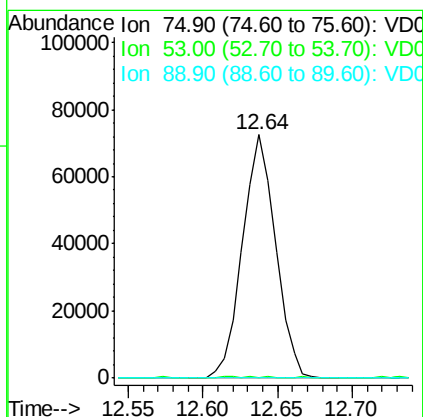
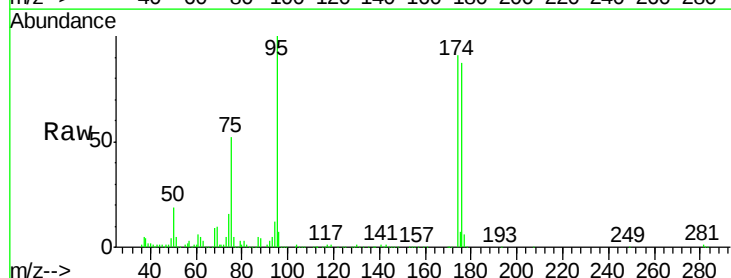
Instrument :
 MSVOA_D
 ClientSampled :
 81-83

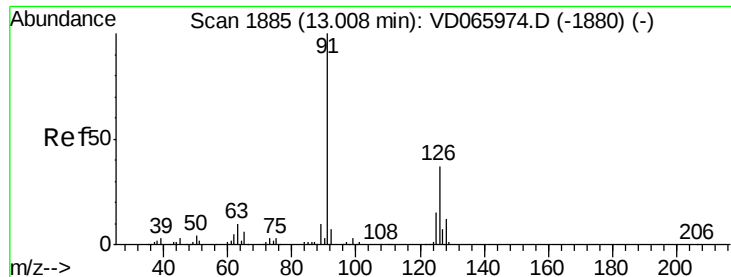
Tot Ion:105 Resp: 521461
 Ion Ratio Lower Upper
 105 100
 120 52.2 25.6 76.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.906 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066021.D
 Acq: 23 Jul 2020 13:45

Tgt Ion: 75 Resp: 111680
 Ion Ratio Lower Upper
 75 100
 53 0.3 76.8 115.2#
 89 0.0 37.0 55.4#





#82

4-Chlorotoluene

Concen: 5.290 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.04 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampled :

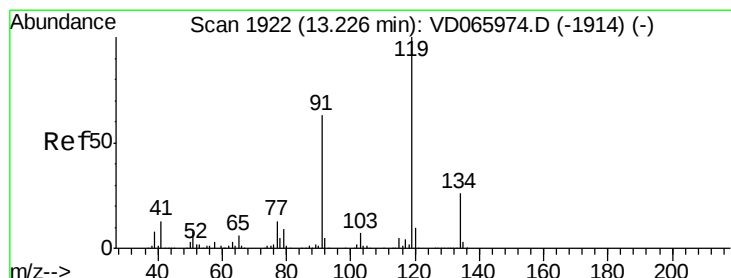
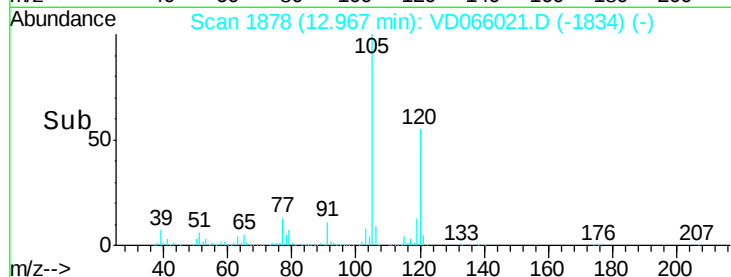
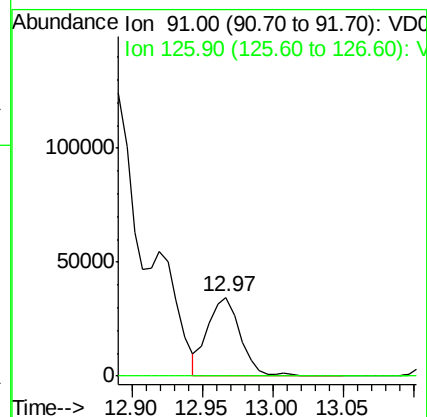
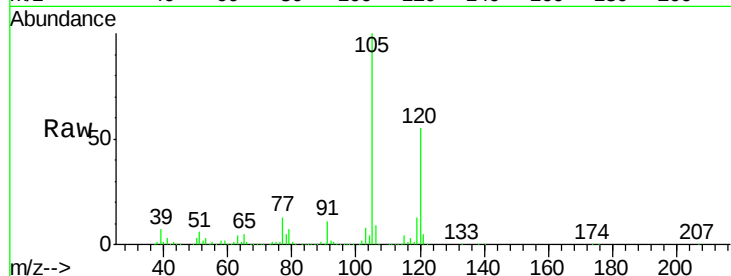
81-83

Tot Ion: 91 Resp: 55680

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#



#83

tert-Butylbenzene

Concen: 26.230 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.05 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

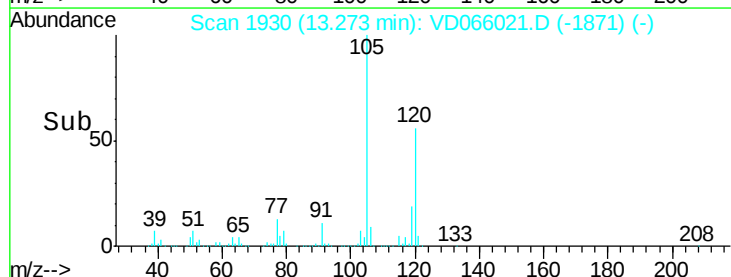
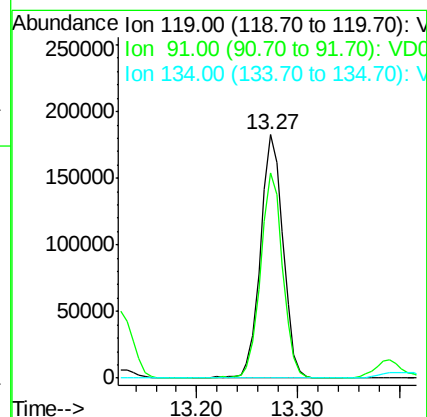
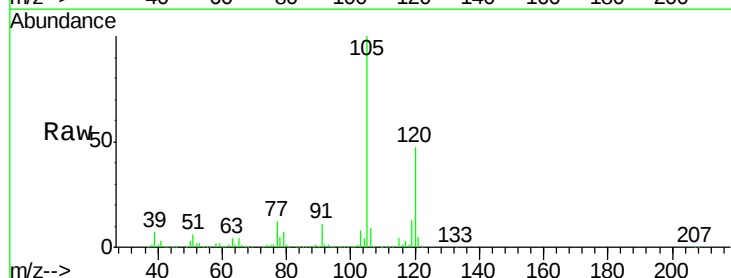
Tgt Ion: 119 Resp: 283675

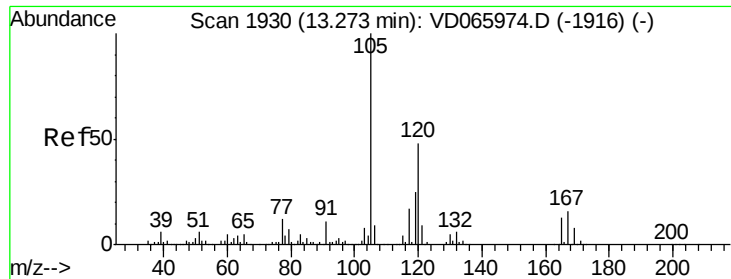
Ion Ratio Lower Upper

119 100

91 82.8 30.6 91.6

134 0.0 13.9 41.7#





#84

1,2,4-Trimethylbenzene

Concen: 179.507 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

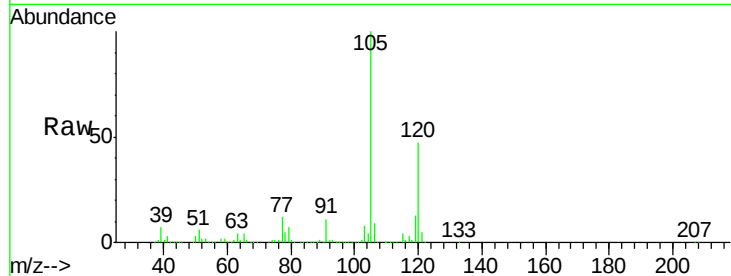
81-83

Tot Ion:105 Resp: 2188728

Ion Ratio Lower Upper

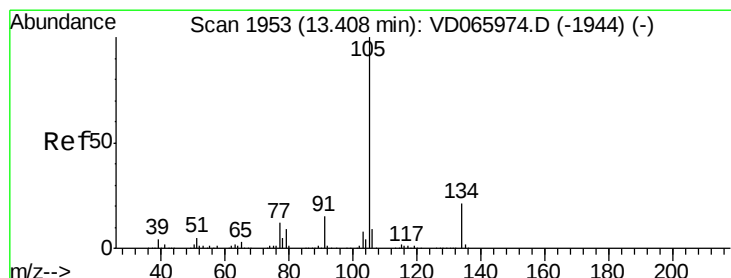
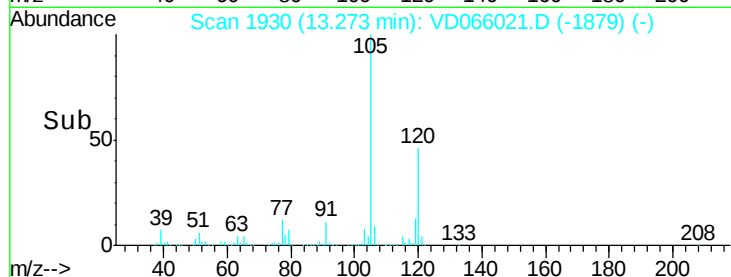
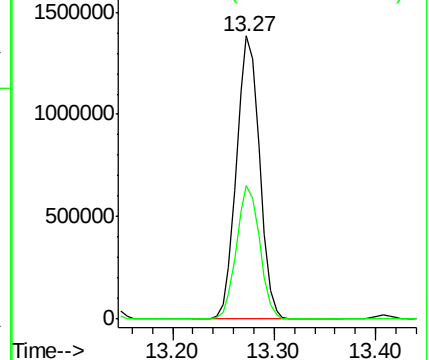
105 100

120 47.4 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 146.931 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.14 min

Lab File: VD066021.D

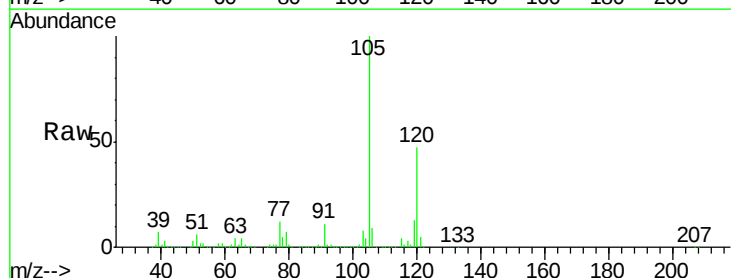
Acq: 23 Jul 2020 13:45

Tgt Ion:105 Resp: 2188728

Ion Ratio Lower Upper

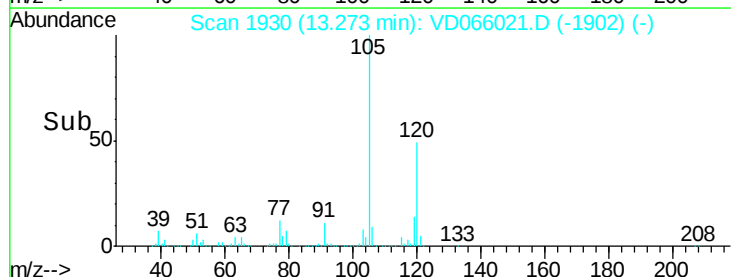
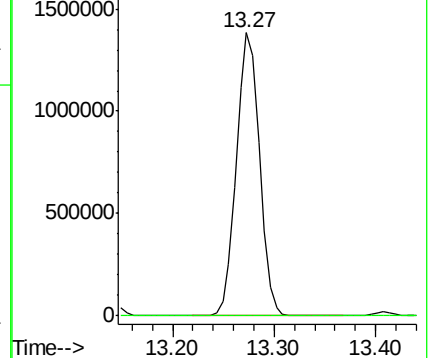
105 100

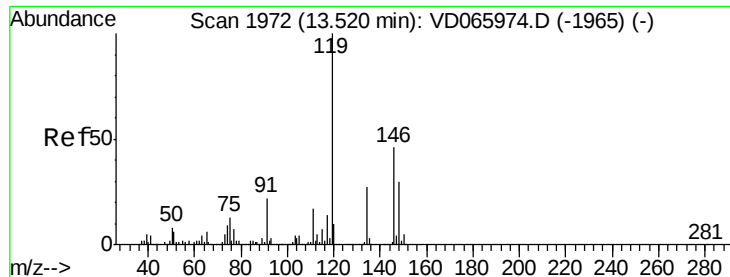
134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

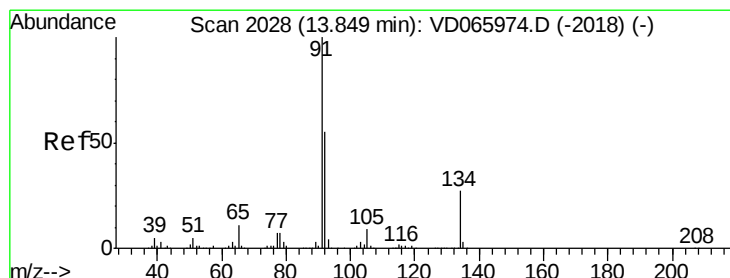
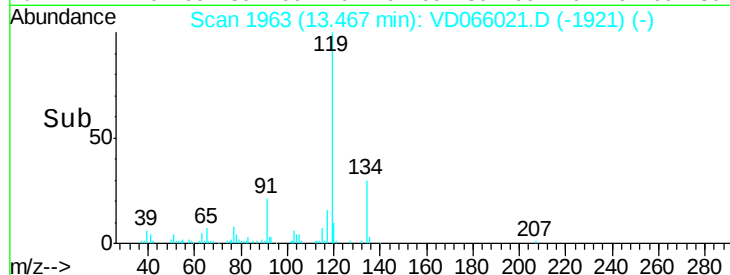
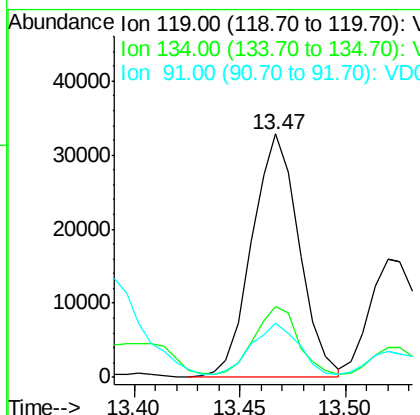
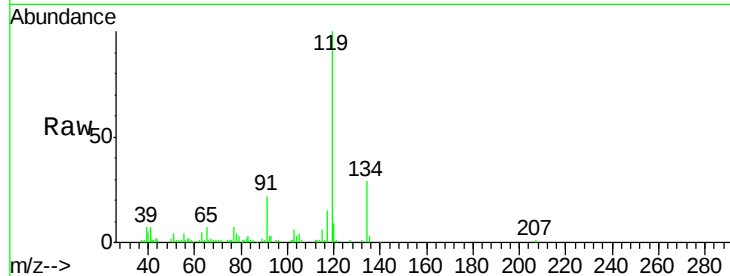




#86
p-Isopropyltoluene
Concen: 3.766 ug/l
RT: 13.47 min Scan# 1963
Delta R.T. -0.05 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

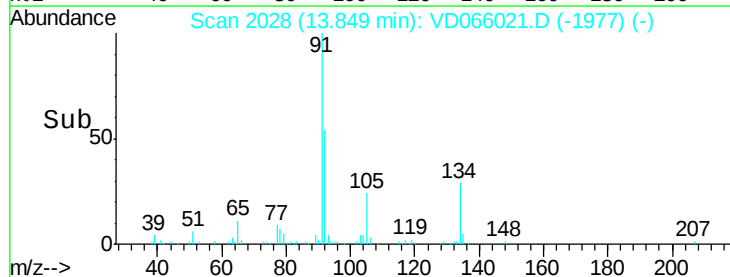
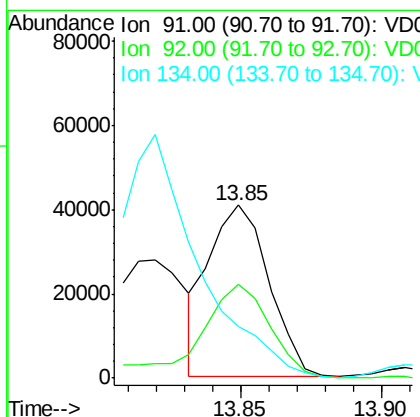
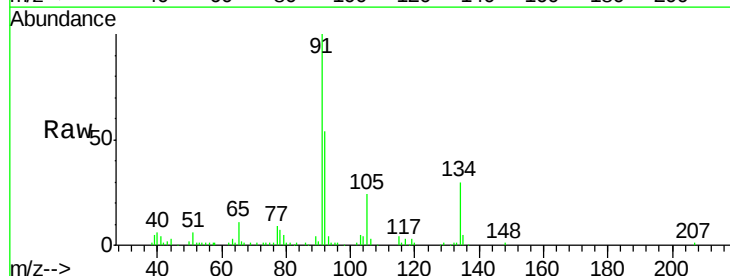
Instrument :
MSVOA_D
ClientSampled :
81-83

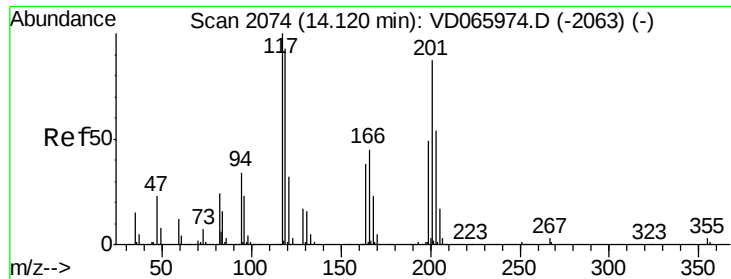
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.4	40.2
91	22.2	11.1	33.3



#89
n-Butylbenzene
Concen: 4.763 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066021.D
Acq: 23 Jul 2020 13:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	64.8	27.2	81.6
134	0.0	13.8	41.4#





#90

Hexachloroethane

Concen: 8.286 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampled :

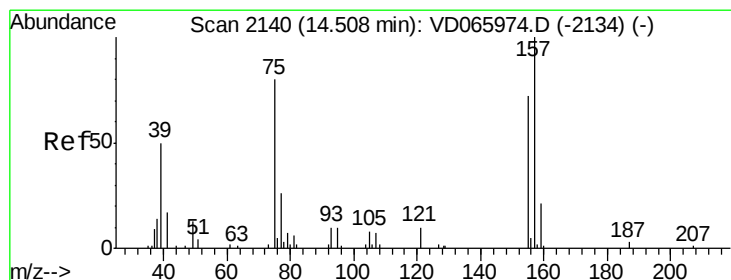
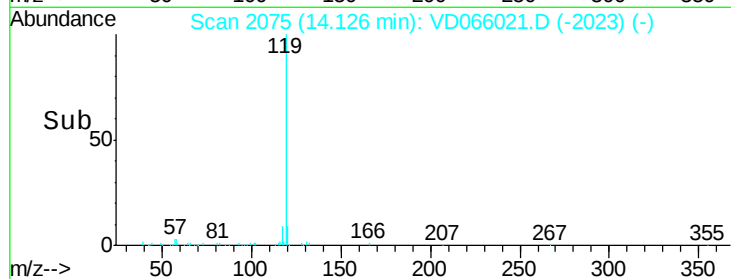
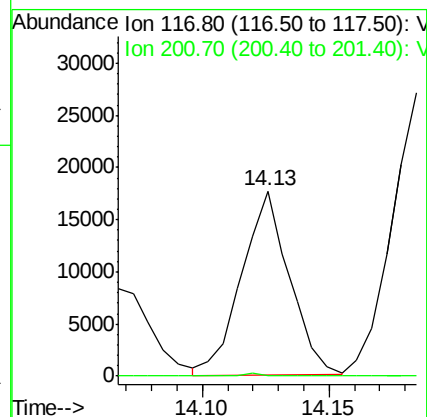
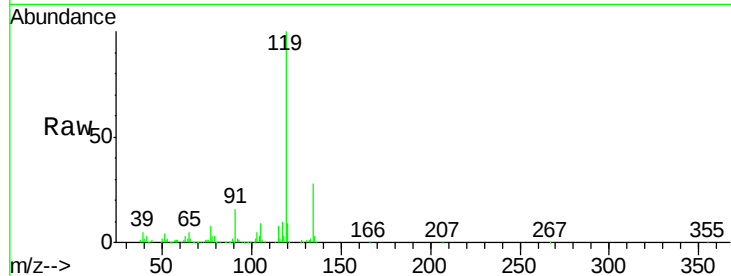
81-83

Tot Ion:117 Resp: 23214

Ion Ratio Lower Upper

117 100

201 0.4 42.0 126.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.257 ug/l

RT: 14.48 min Scan# 2136

Delta R.T. -0.02 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

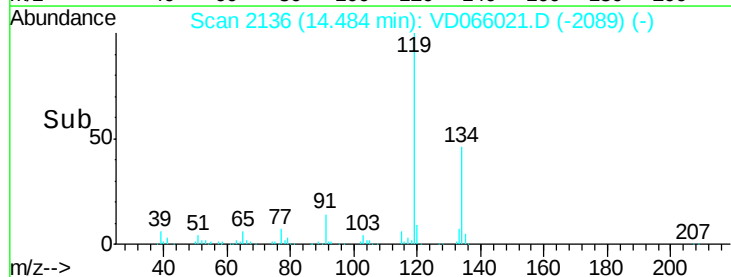
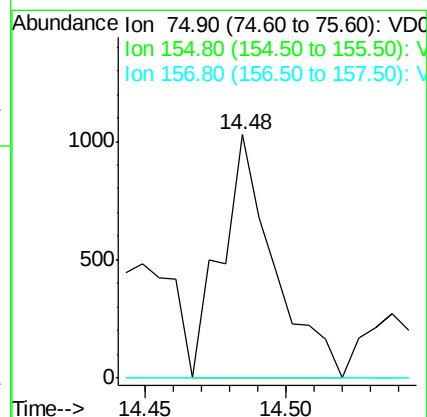
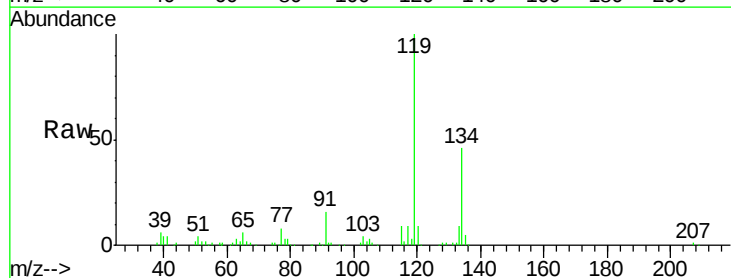
Tgt Ion: 75 Resp: 1327

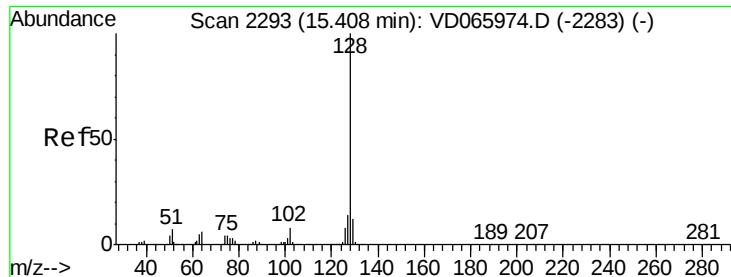
Ion Ratio Lower Upper

75 100

155 0.0 48.5 145.5#

157 0.0 64.7 194.1#





#95

Naphthalene

Concen: 21.865 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066021.D

Acq: 23 Jul 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

81-83

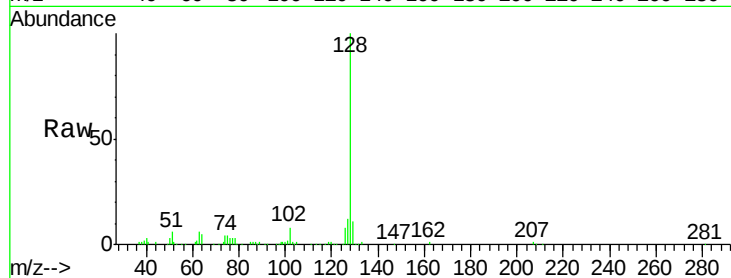
Tot Ion:128 Resp: 155663

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

