

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066005.D
 Acq On : 22 Jul 2020 16:48
 Operator : VA/SY
 Sample : L3363-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 81-83

Quant Time: Jul 23 01:05:22 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	292232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	542627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	541163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	257717	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	143410	60.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.62%	
35) Dibromofluoromethane	7.92	113	164708	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.34	98	645540	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.64	95	245604	57.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.54%	

Target Compounds

						Qvalue
5) Bromomethane	3.03	94	59	Below Cal	#	4
10) Methyl Iodide	4.31	142	71	8.835	ug/l #	33
11) Tert butyl alcohol	5.22	59	9016	37.173	ug/l #	96
13) Acrolein	3.93	56	3280	16.372	ug/l	83
14) Allyl chloride	4.64	41	10269	2.719	ug/l #	32
15) Acrylonitrile	5.42	53	2278	4.602	ug/l #	56
16) Acetone	4.16	43	118909	247.051	ug/l	94
20) Methylene Chloride	4.97	84	17765	3.944	ug/l	85
25) 2-Butanone	7.21	43	41223	64.546	ug/l	91
31) Cyclohexane	7.97	56	16016	3.744	ug/l #	64
36) 1,1-Dichloropropene	7.97	75	19353	4.179	ug/l #	47
37) Ethyl Acetate	7.21	43	41223	23.308	ug/l #	67
38) Carbon Tetrachloride	7.97	117	25593	5.093	ug/l #	18
39) Methylcyclohexane	9.36	83	19041	3.395	ug/l #	84
40) Benzene	8.36	78	58541	4.518	ug/l	98
43) Isopropyl Acetate	8.43	43	4363	1.263	ug/l #	49
51) 4-Methyl-2-Pentanone	10.23	43	7112	4.086	ug/l	90
52) Toluene	10.41	92	1206560	142.802	ug/l	99
53) t-1,3-Dichloropropene	10.40	75	13578	3.263	ug/l #	1
55) 1,1,2-Trichloroethane	10.78	97	6145	2.565	ug/l #	25
59) 2-Hexanone	10.98	43	5267	4.367	ug/l	87
67) Ethyl Benzene	11.75	91	1212905	71.132	ug/l	99
68) m/p-Xylenes	11.86	106	1736104	264.896	ug/l	98
69) o-Xylene	12.18	106	736016	123.472	ug/l	98
70) Styrene	12.18	104	38018	3.712	ug/l #	1
73) Isopropylbenzene	12.48	105	112932	7.242	ug/l	100
74) N-amyl acetate	12.26	43	6983	2.160	ug/l #	62
76) 1,2,3-Trichloropropane	12.88	75	12554	6.470	ug/l #	100
78) n-propylbenzene	12.83	91	449482	24.839	ug/l	100
79) 2-Chlorotoluene	12.89	91	153590	14.856	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.97	105	420117	32.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.64	75	117547	139.002	ug/l #	11
82) 4-Chlorotoluene	12.96	91	42517	3.896	ug/l #	39
83) tert-Butylbenzene	13.27	119	220102	19.632	ug/l #	64

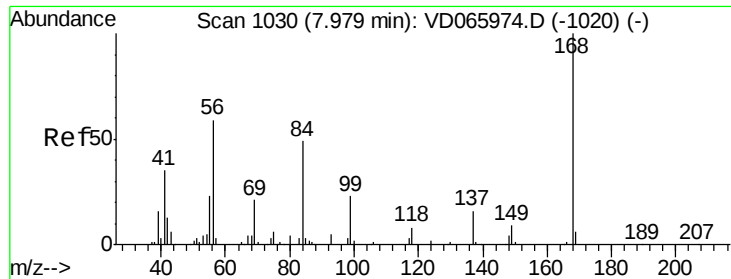
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.27	105	1732055	137.029	ug/l	100
85) sec-Butylbenzene	13.27	105	1732055	112.162	ug/l #	55
86) p-Isopropyltoluene	13.47	119	39315	2.802	ug/l	95
89) n-Butylbenzene	13.85	91	42883	3.287	ug/l #	76
90) Hexachloroethane	14.13	117	16405	5.649	ug/l #	7
95) Naphthalene	15.41	128	115009	16.602	ug/l	99

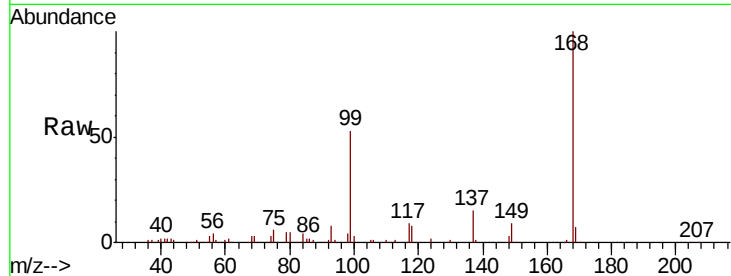
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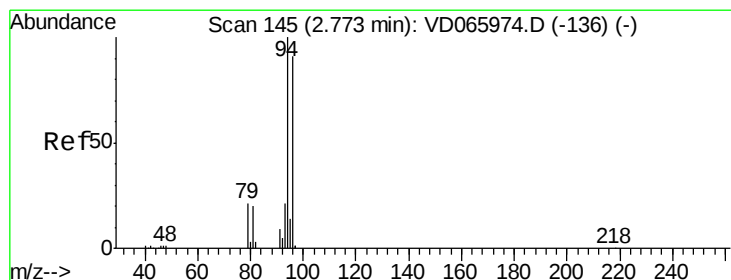
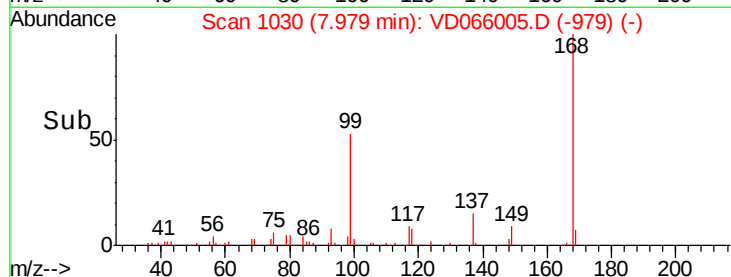
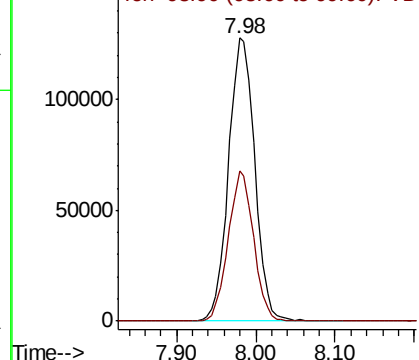
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Instrument :
MSVOA_D
ClientSampleId :
81-83

Tot Ion:168 Resp: 292232
Ion Ratio Lower Upper
168 100
99 53.1 40.8 61.2

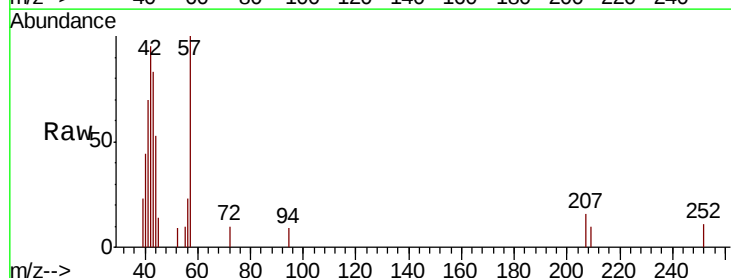


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

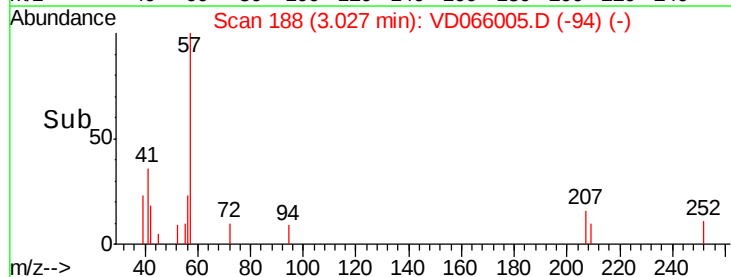
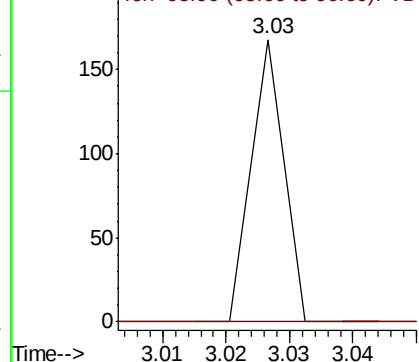


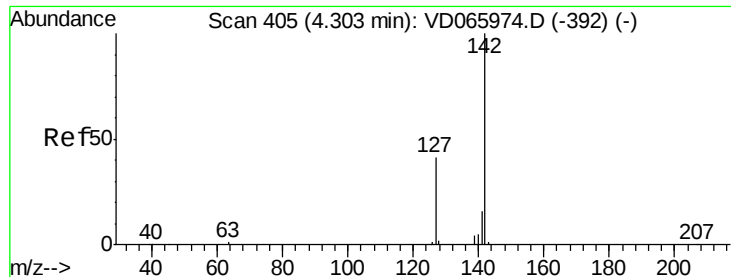
#5
Bromomethane
Concen: Below Cal
RT: 3.03 min Scan# 188
Delta R.T. 0.25 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion: 94 Resp: 59
Ion Ratio Lower Upper
94 100
96 0.0 73.0 109.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC

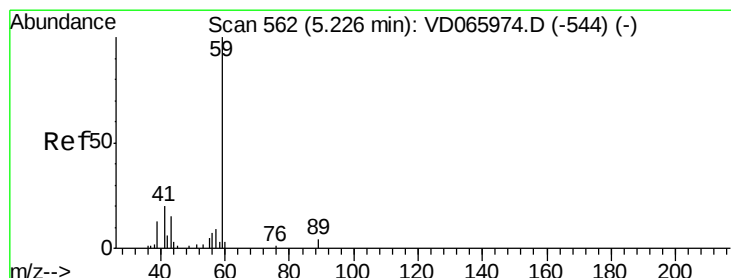
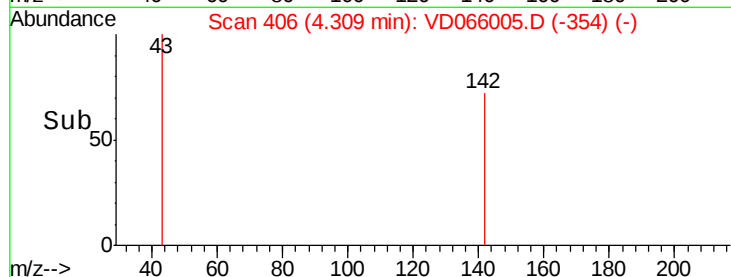
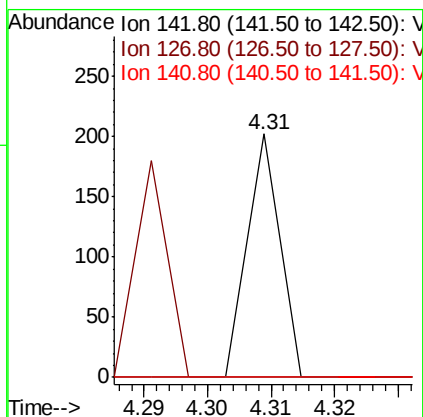
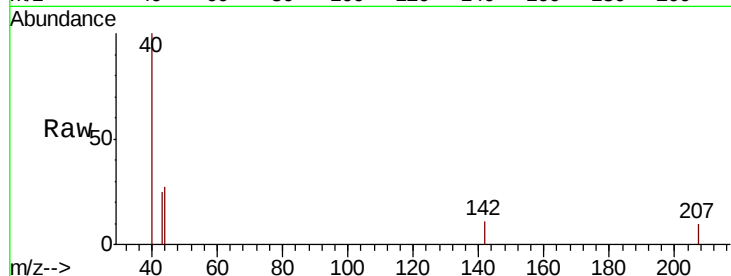




#10
Methyl Iodide
Concen: 8.835 ug/l
RT: 4.31 min Scan# 406
Delta R.T. 0.01 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

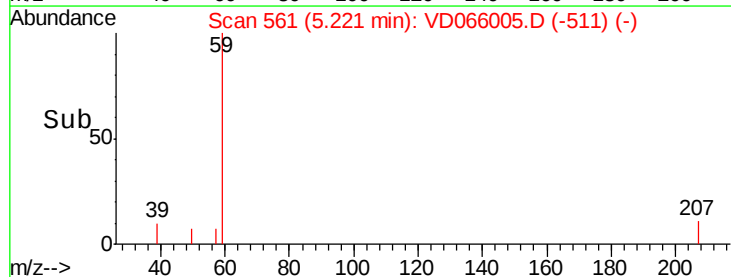
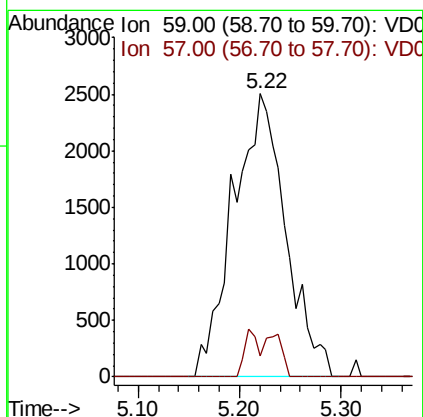
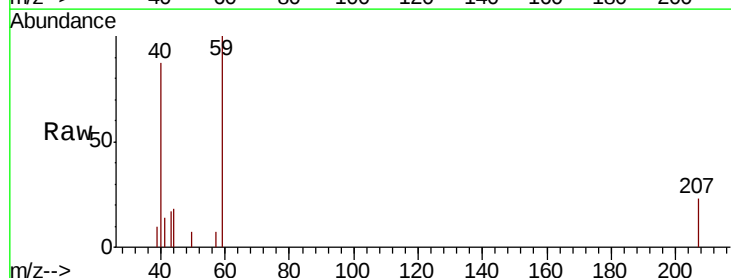
Instrument :
MSVOA_D
ClientSampled :
81-83

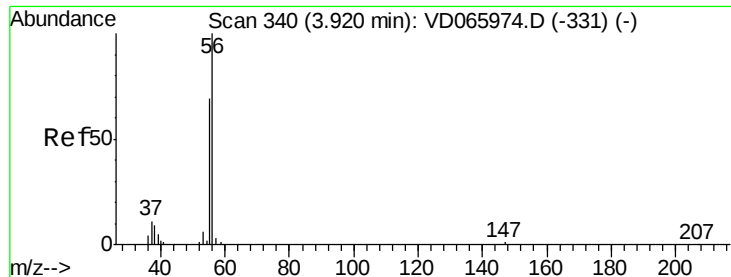
Tot Ion:142 Resp: 71
Ion Ratio Lower Upper
142 100
127 90.1 32.9 49.3#
141 0.0 11.8 17.6#



#11
Tert butyl alcohol
Concen: 37.173 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion: 59 Resp: 9016
Ion Ratio Lower Upper
59 100
57 4.4 4.5 6.7#





#13

Acrolein

Concen: 16.372 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampled :

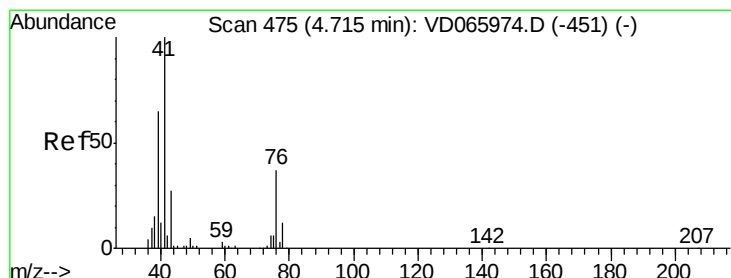
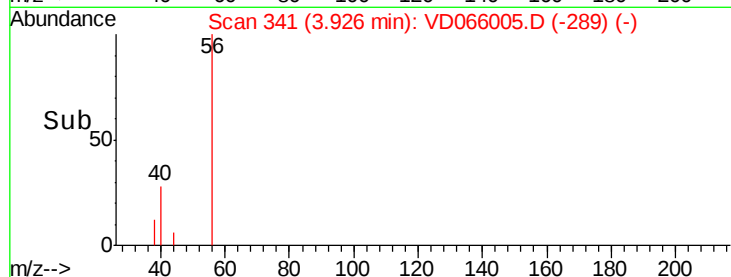
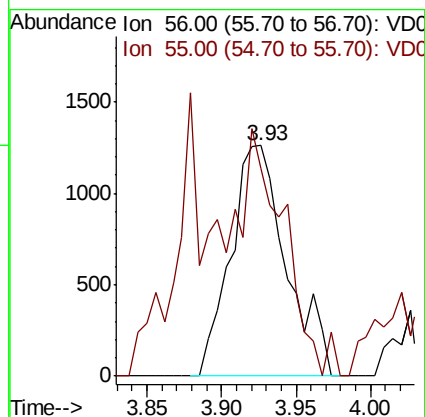
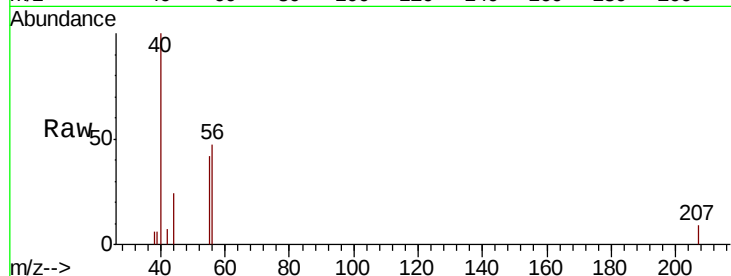
81-83

Tot Ion: 56 Resp: 3280

Ion Ratio Lower Upper

56 100

55 83.7 55.8 83.8



#14

Allyl chloride

Concen: 2.719 ug/l

RT: 4.64 min Scan# 463

Delta R.T. -0.07 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

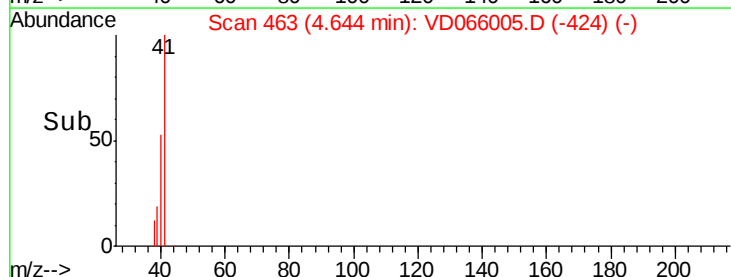
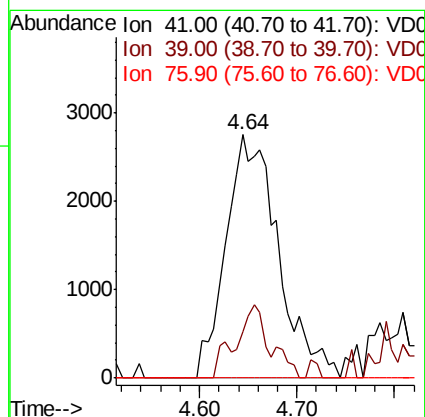
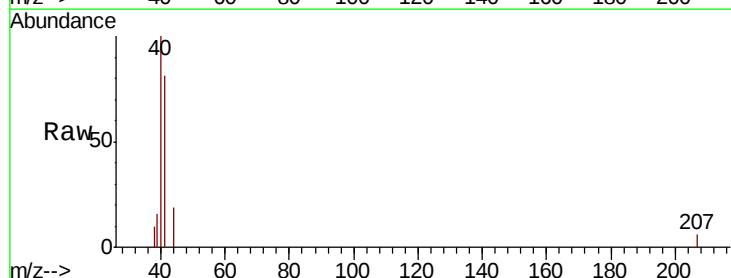
Tgt Ion: 41 Resp: 10269

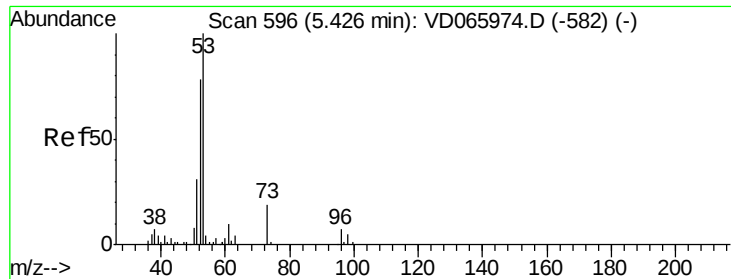
Ion Ratio Lower Upper

41 100

39 9.0 53.4 80.2#

76 0.0 29.1 43.7#





#15

Acrylonitrile

Concen: 4.602 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampleID :

81-83

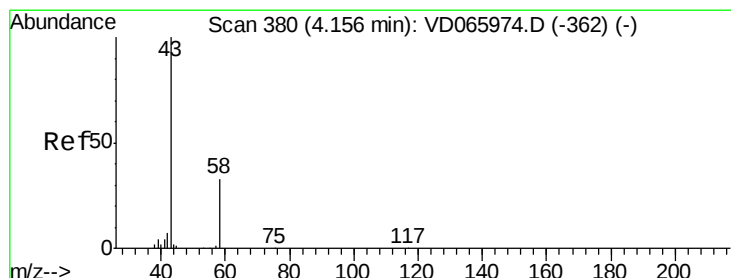
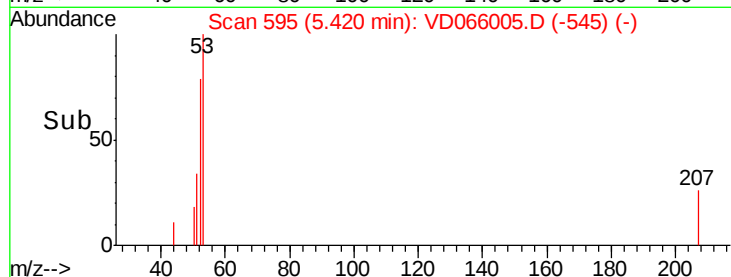
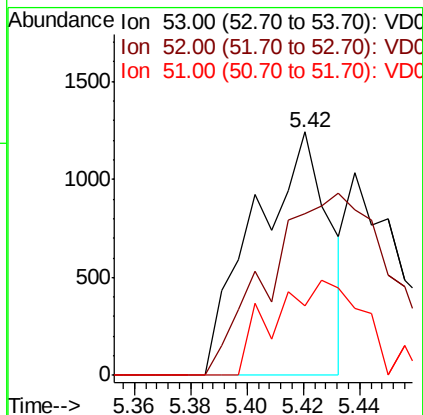
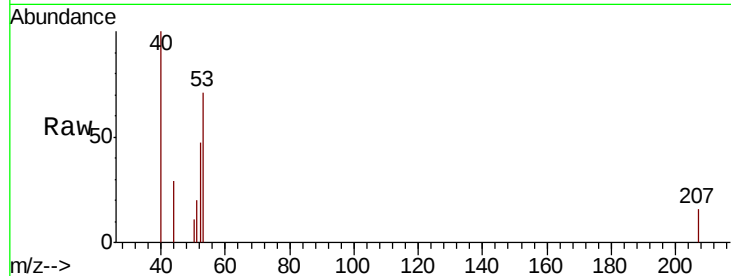
Tot Ion: 53 Resp: 2278

Ion Ratio Lower Upper

53 100

52 133.0 67.1 100.7#

51 47.7 28.7 43.1#



#16

Acetone

Concen: 247.051 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066005.D

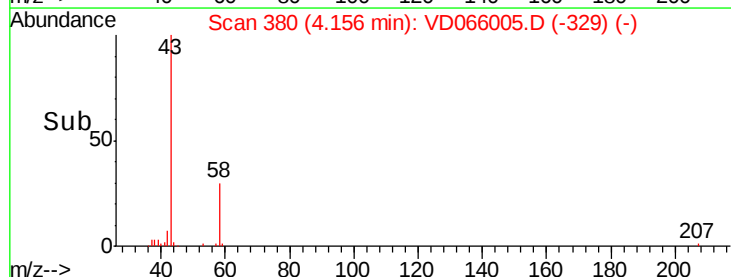
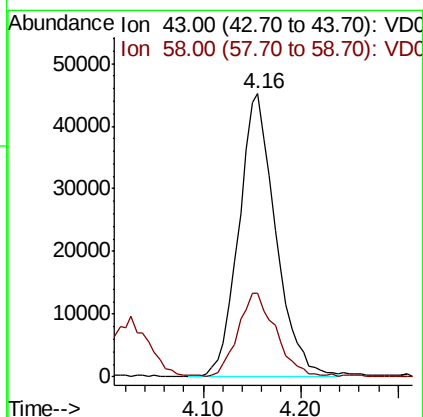
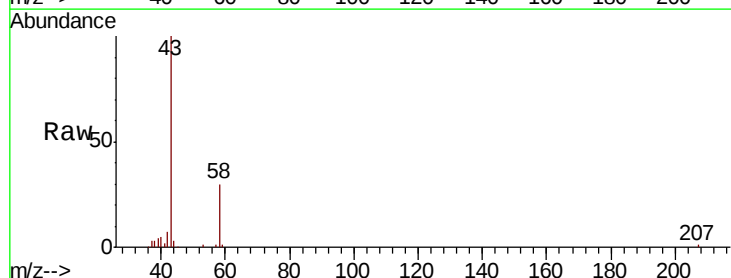
Acq: 22 Jul 2020 16:48

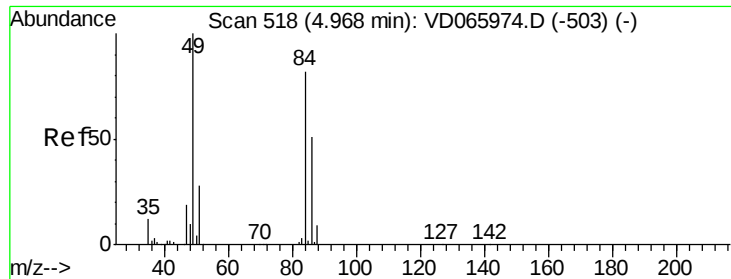
Tgt Ion: 43 Resp: 118909

Ion Ratio Lower Upper

43 100

58 29.7 26.3 39.5

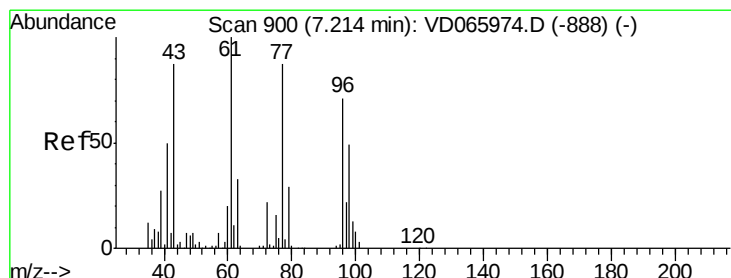
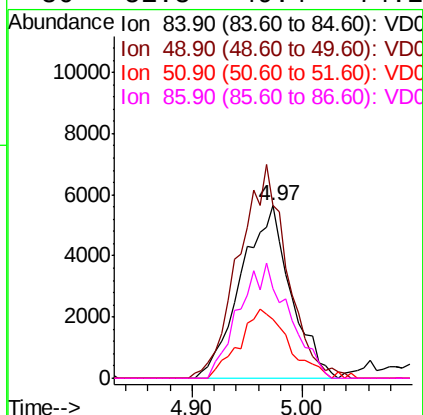
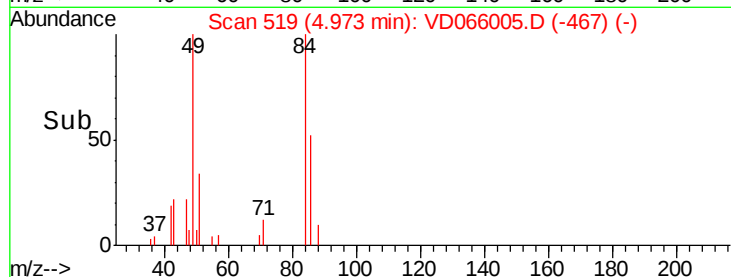
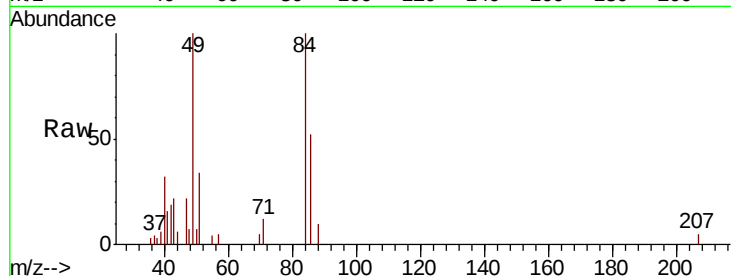




#20
Methylene Chloride
Concen: 3.944 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

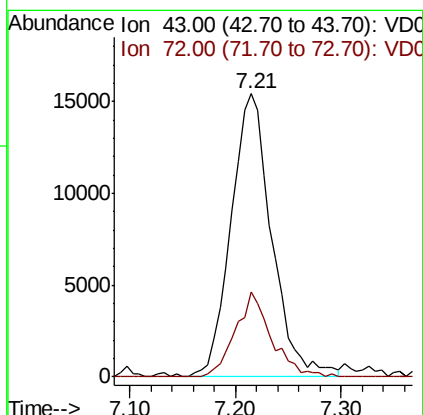
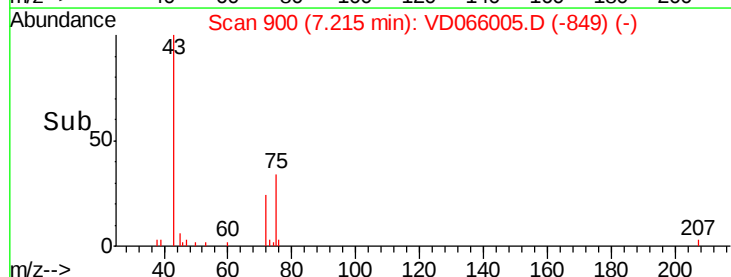
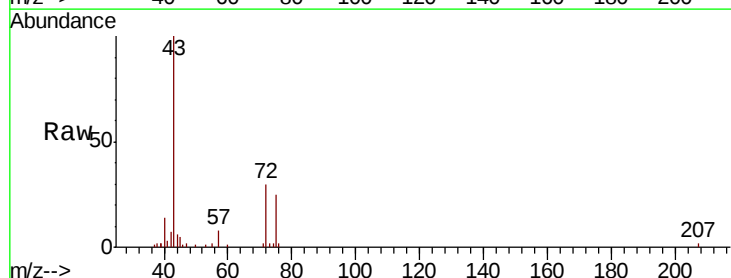
Instrument :
MSVOA_D
ClientSampleID :
81-83

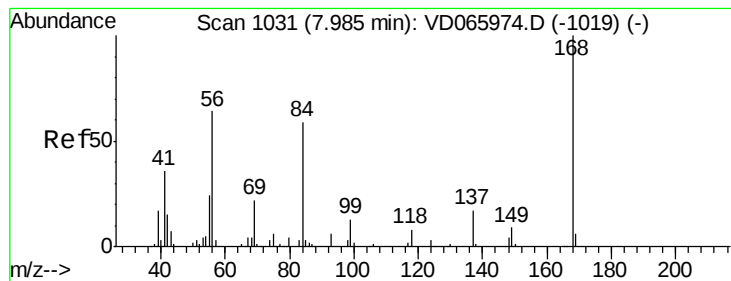
Tot Ion: 84 Resp: 17765
Ion Ratio Lower Upper
84 100
49 100.0 97.7 146.5
51 33.9 27.4 41.2
86 51.8 49.4 74.2



#25
2-Butanone
Concen: 64.546 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion: 43 Resp: 41223
Ion Ratio Lower Upper
43 100
72 29.9 20.2 30.2





#31

Cyclohexane

Concen: 3.744 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.02 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampled :

81-83

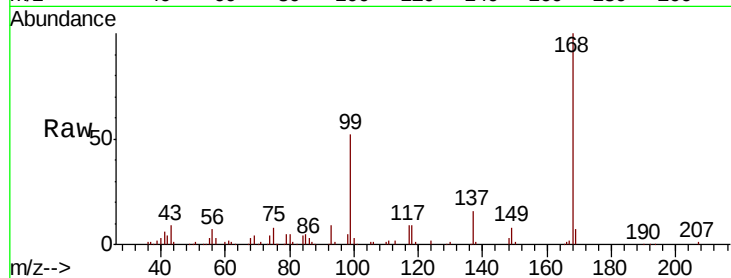
Tot Ion: 56 Resp: 16016

Ion Ratio Lower Upper

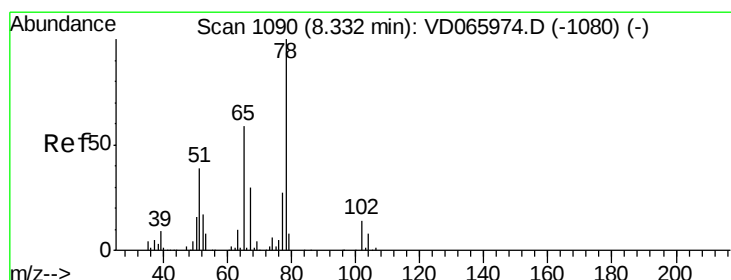
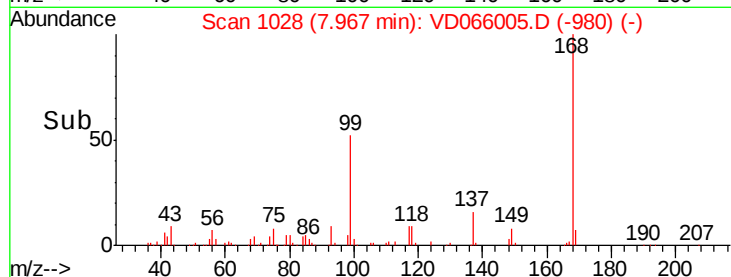
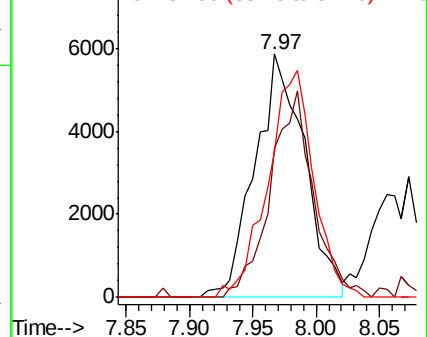
56 100

69 61.0 28.0 42.0#

84 59.3 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: 60.310 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066005.D

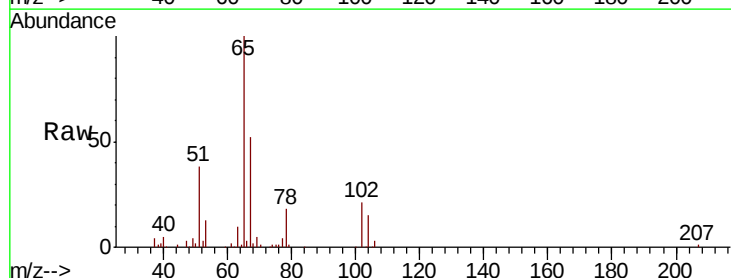
Acq: 22 Jul 2020 16:48

Tgt Ion: 65 Resp: 143410

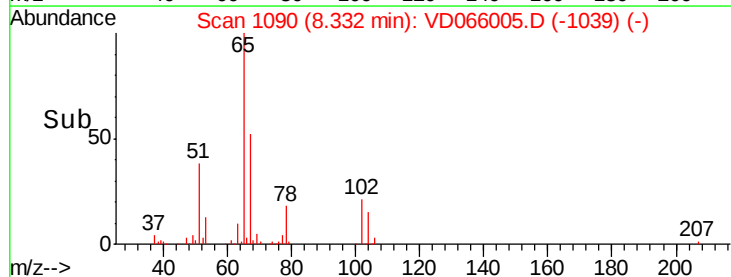
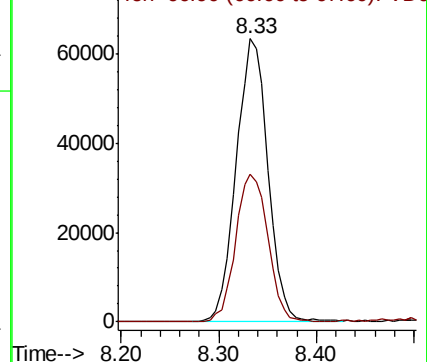
Ion Ratio Lower Upper

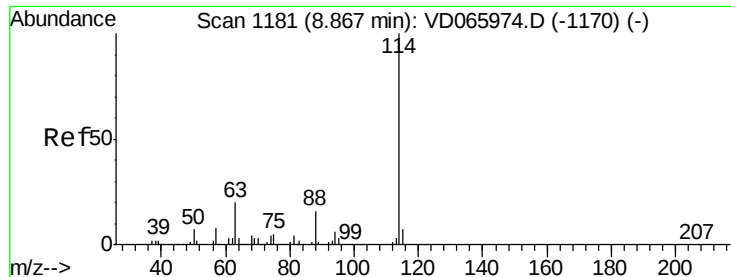
65 100

67 52.9 0.0 105.0



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

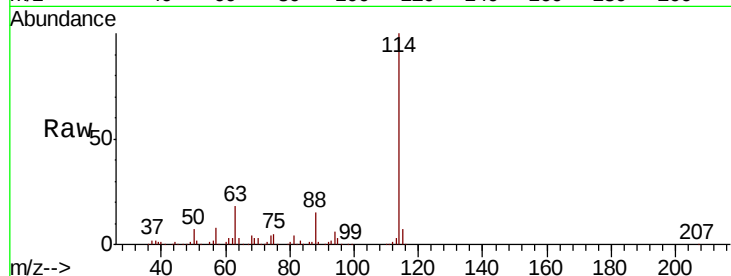




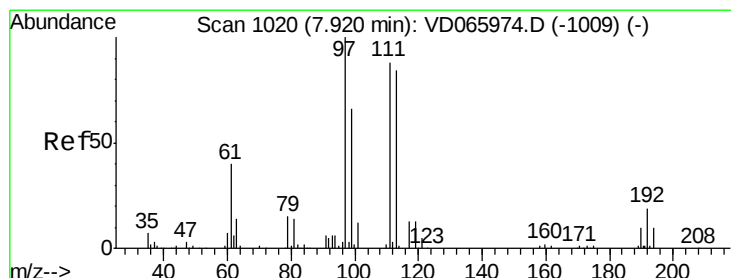
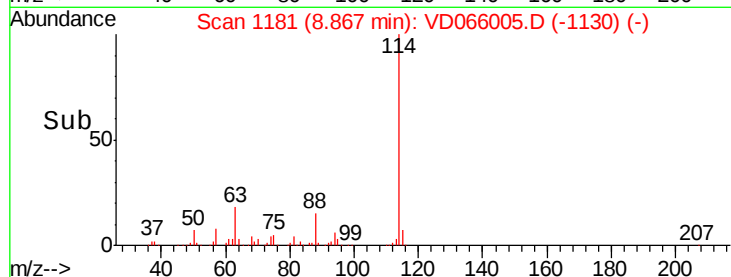
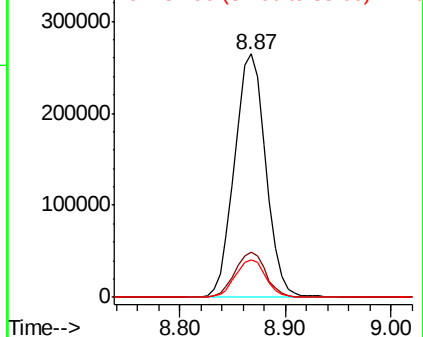
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Instrument :
MSVOA_D
ClientSampleId :
81-83

Tot Ion:114 Resp: 542627
Ion Ratio Lower Upper
114 100
63 18.3 0.0 39.6
88 15.4 0.0 31.2

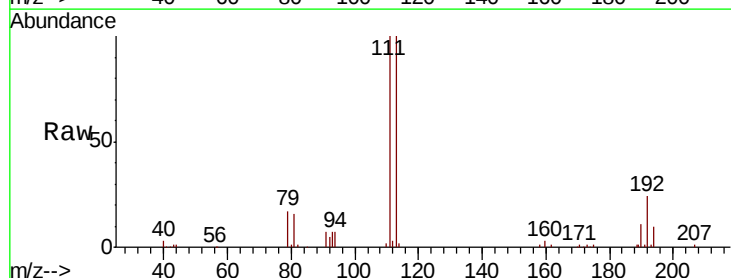


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

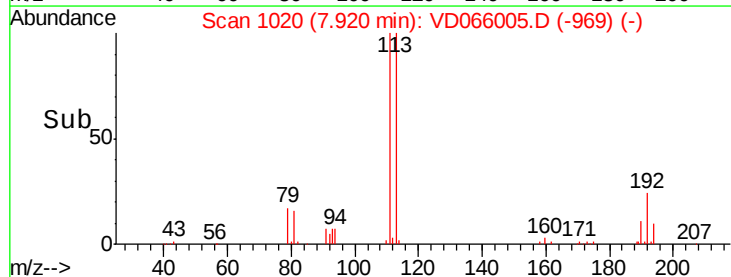
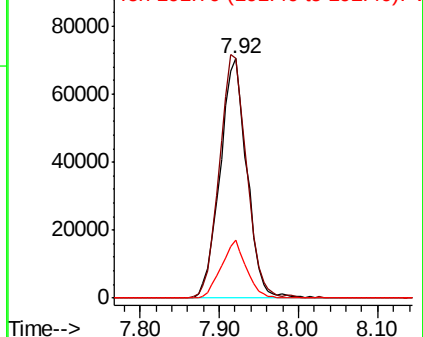


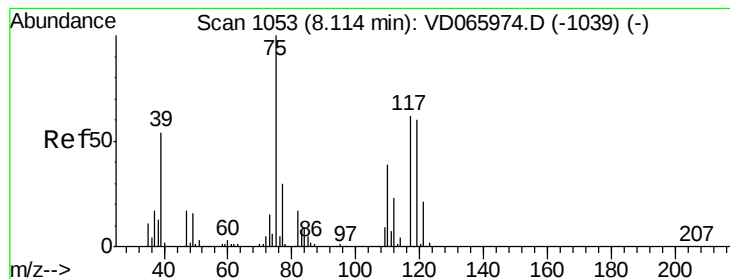
#35
Dibromofluoromethane
Concen: 50.045 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion:113 Resp: 164708
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 22.5 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: 4.179 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

81-83

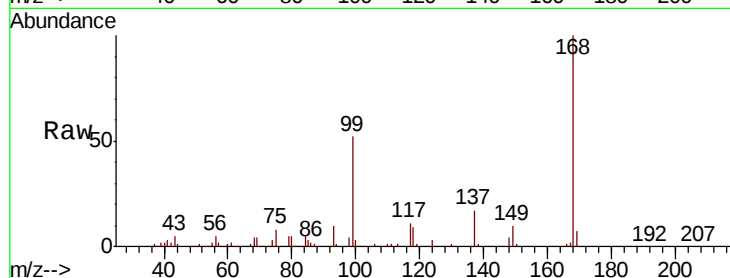
Tot Ion: 75 Resp: 19353

Ion Ratio Lower Upper

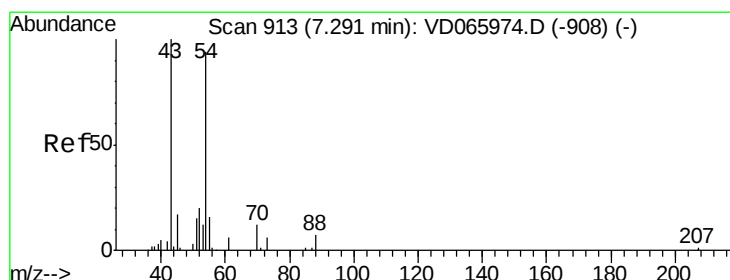
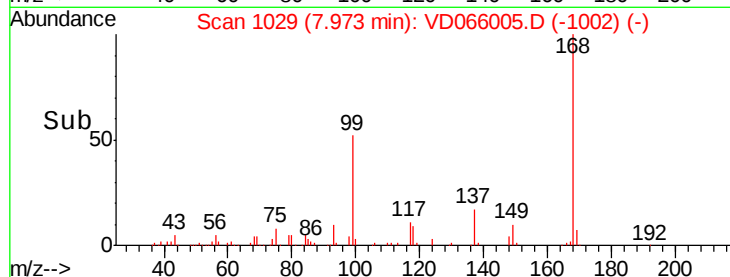
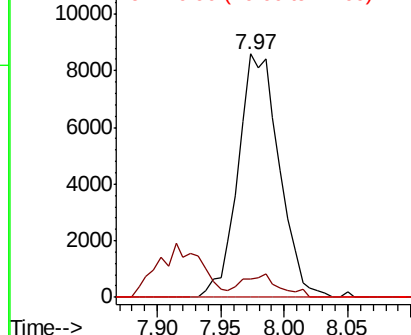
75 100

110 8.6 19.5 58.5#

77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 109.90 (109.60 to 110.60): VDC
Ion 76.90 (76.60 to 77.60): VDC



#37

Ethyl Acetate

Concen: 23.308 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.08 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

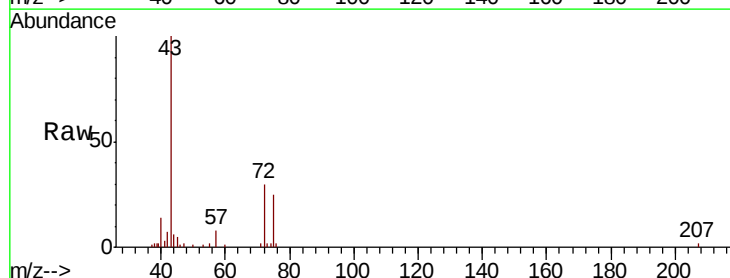
Tgt Ion: 43 Resp: 41223

Ion Ratio Lower Upper

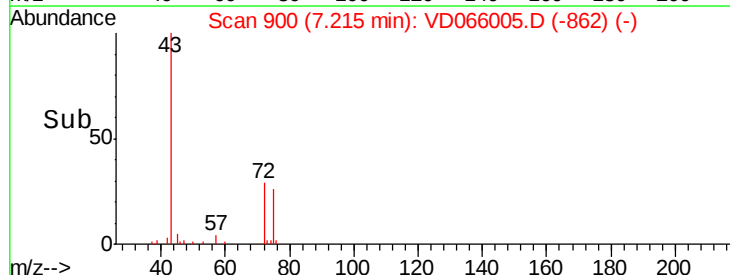
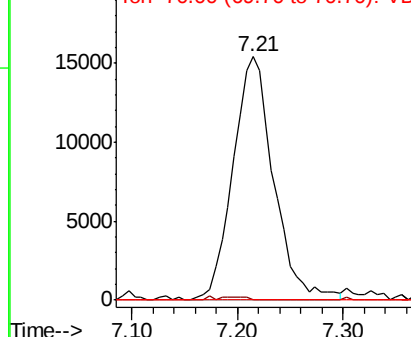
43 100

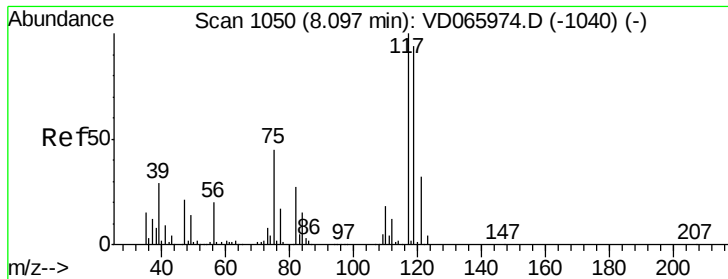
61 0.0 11.4 17.0#

70 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

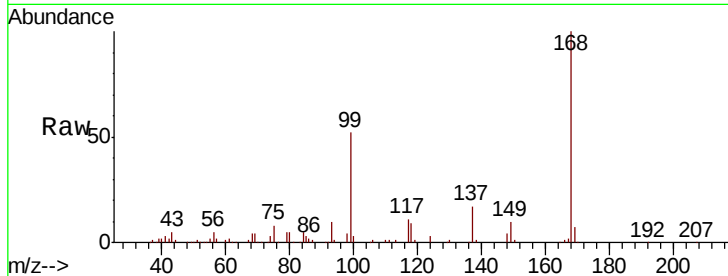




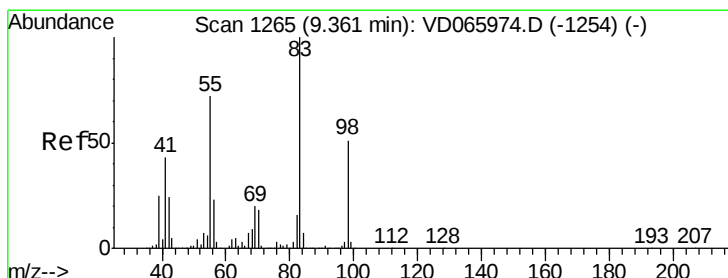
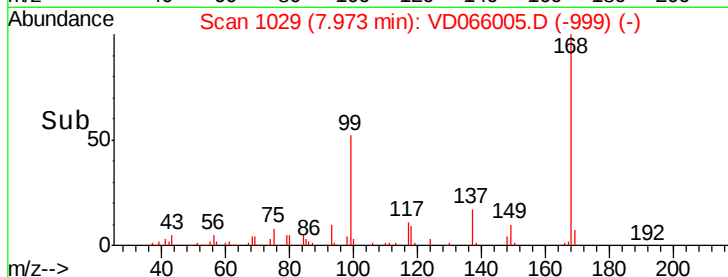
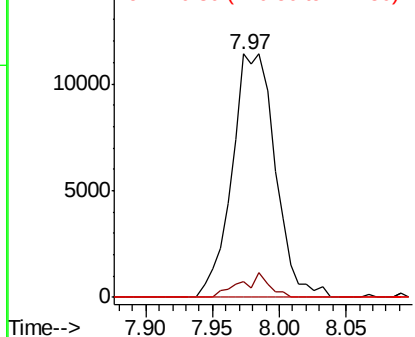
#38
Carbon Tetrachloride
Concen: 5.093 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Instrument :
MSVOA_D
ClientSampleId :
81-83

Tot Ion:117 Resp: 25593
Ion Ratio Lower Upper
117 100
119 6.4 75.0 112.6#
121 0.0 25.5 38.3#

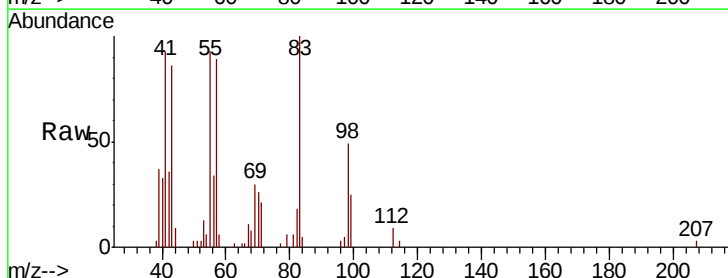


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

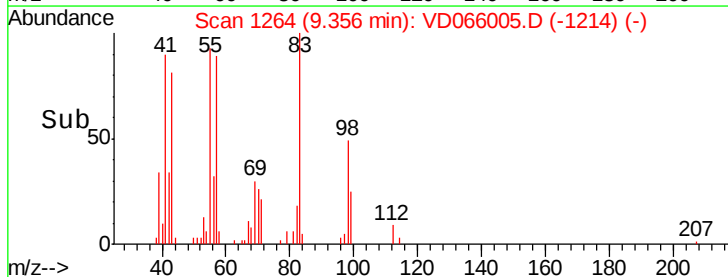
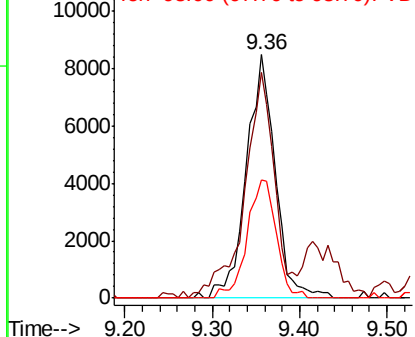


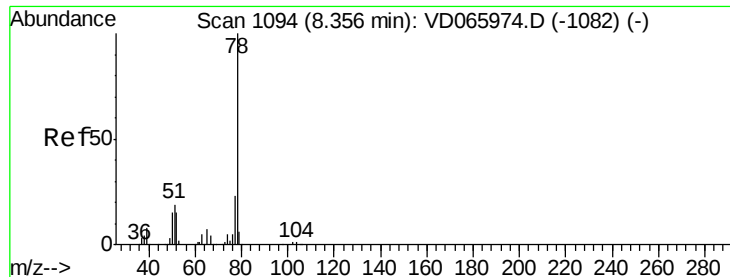
#39
Methylcyclohexane
Concen: 3.395 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion: 83 Resp: 19041
Ion Ratio Lower Upper
83 100
55 92.6 57.3 85.9#
98 48.7 41.0 61.6



Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC





#40

Benzene

Concen: 4.518 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampled :

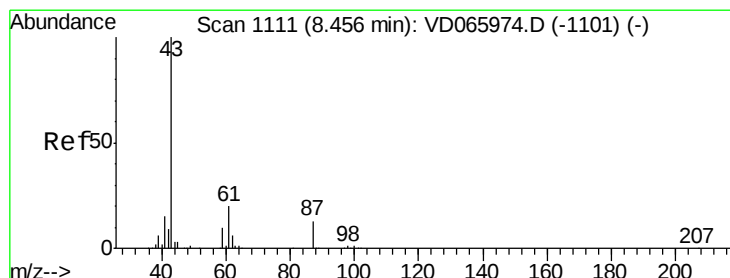
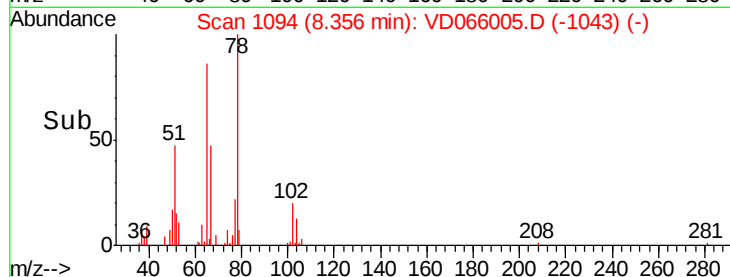
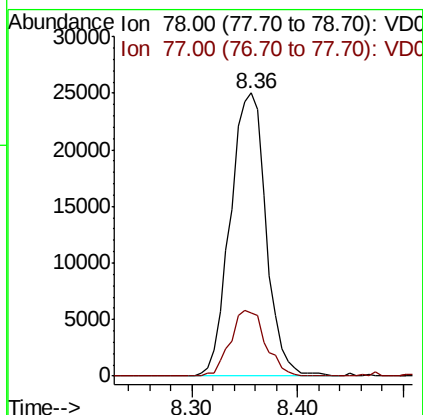
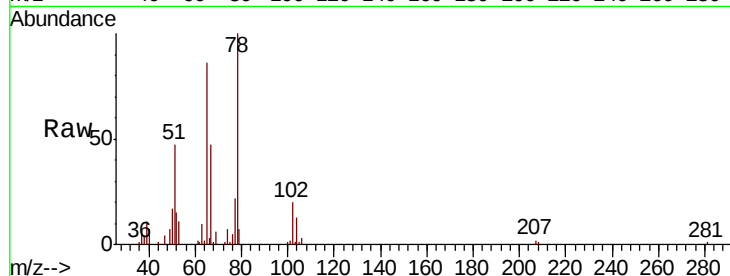
81-83

Tot Ion: 78 Resp: 58541

Ion Ratio Lower Upper

78 100

77 22.4 18.6 27.8



#43

Isopropyl Acetate

Concen: 1.263 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

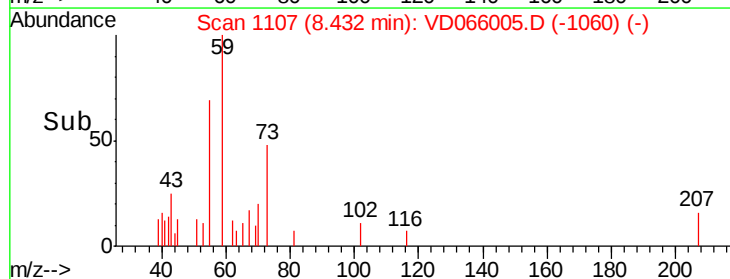
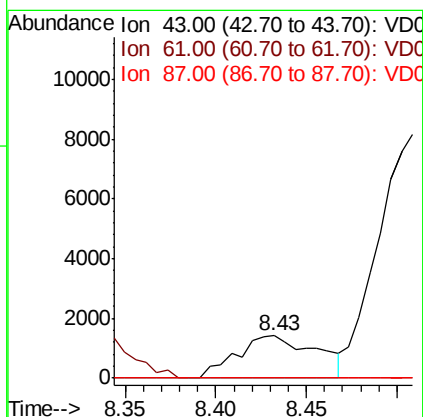
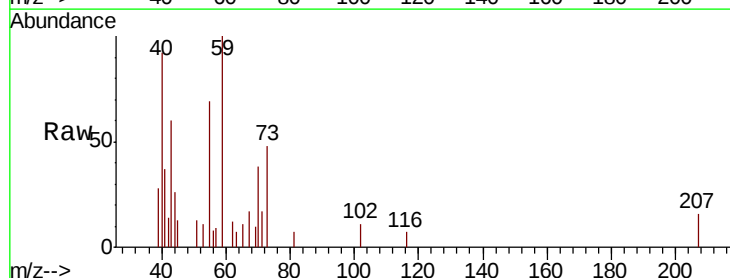
Tgt Ion: 43 Resp: 4363

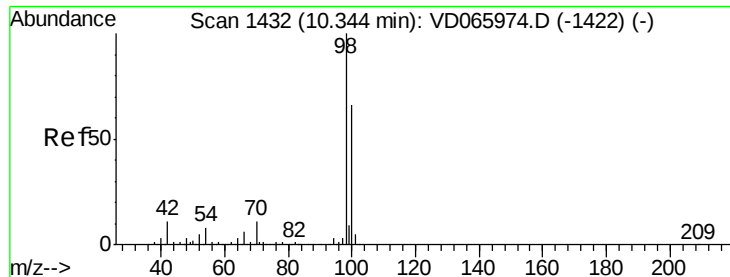
Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.8#

87 0.0 10.9 16.3#





#50

Toluene-d8

Concen: 52.652 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

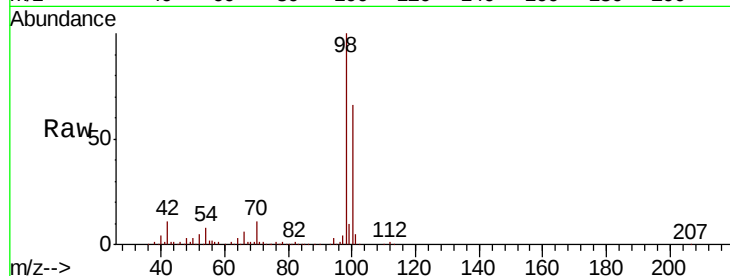
81-83

Tot Ion: 98 Resp: 645540

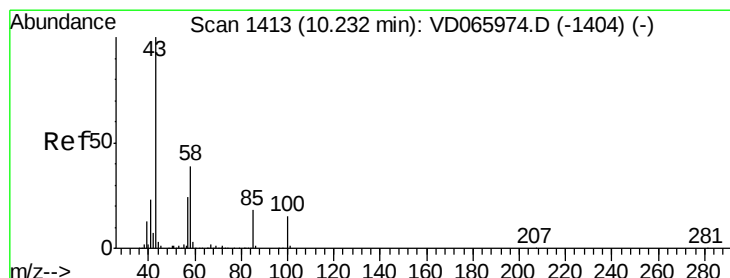
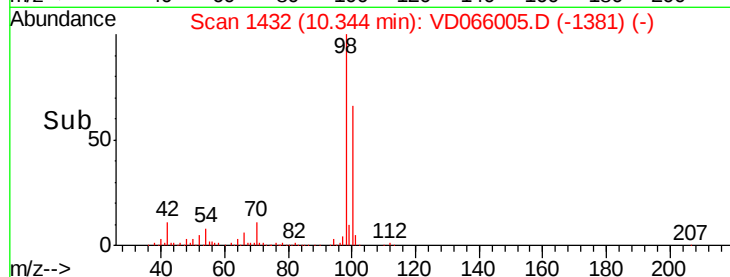
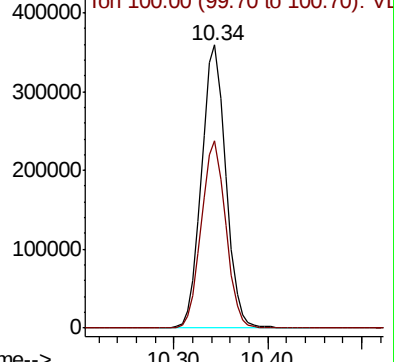
Ion Ratio Lower Upper

98 100

100 66.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VD066005.D (-1381) (-)



#51

4-Methyl-2-Pentanone

Concen: 4.086 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD066005.D

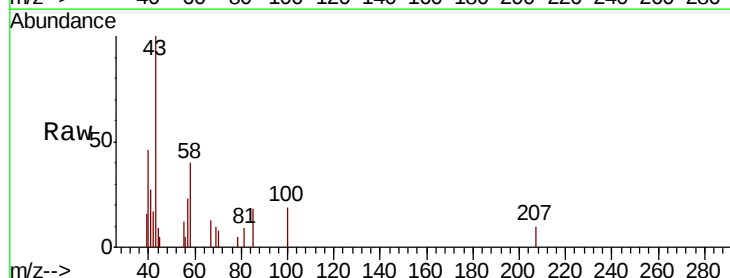
Acq: 22 Jul 2020 16:48

Tgt Ion: 43 Resp: 7112

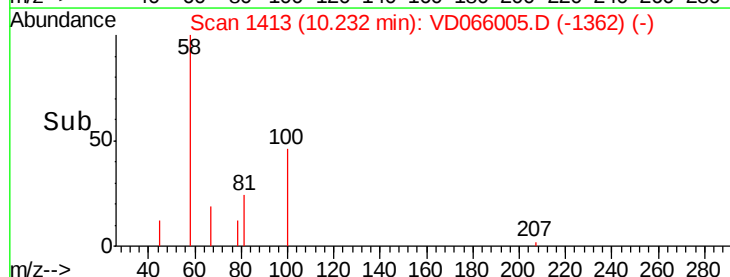
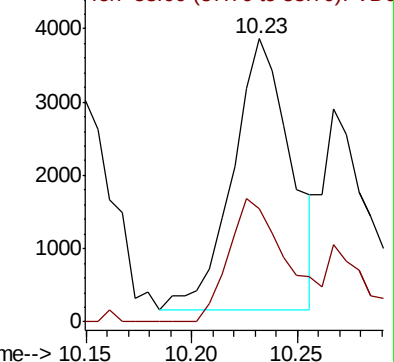
Ion Ratio Lower Upper

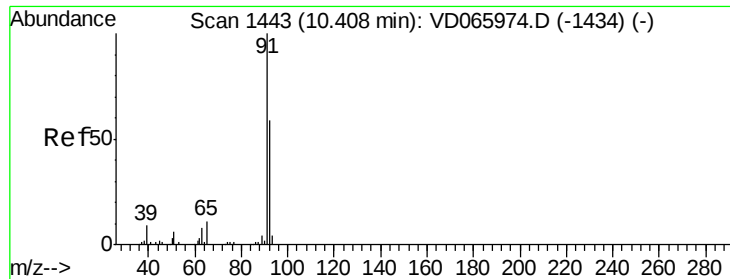
43 100

58 45.4 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VD066005.D (-1362) (-)





#52

Toluene

Concen: 142.802 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

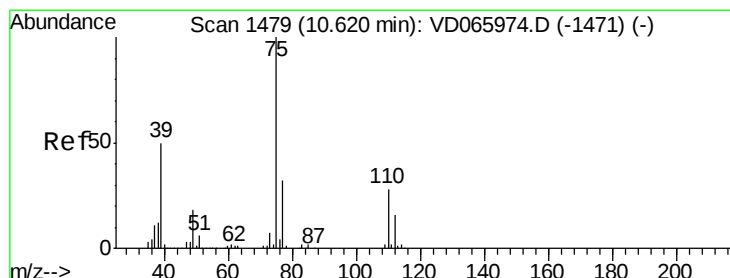
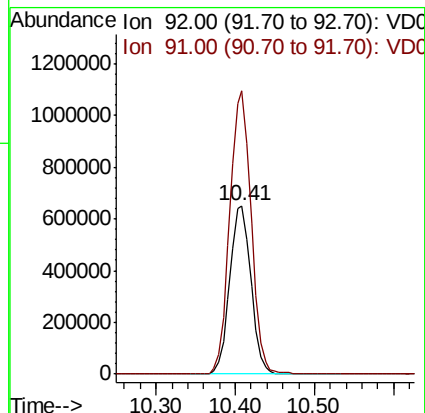
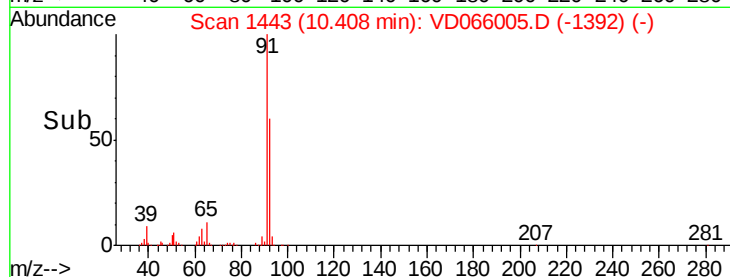
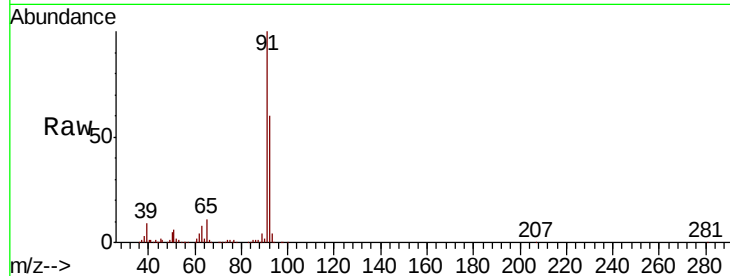
81-83

Tot Ion: 92 Resp: 1206560

Ion Ratio Lower Upper

92 100

91 169.5 134.5 201.7



#53

t-1,3-Dichloropropene

Concen: 3.263 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.22 min

Lab File: VD066005.D

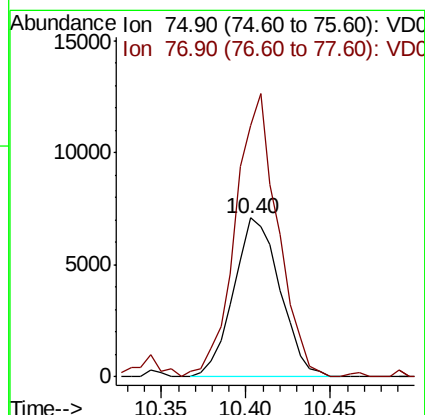
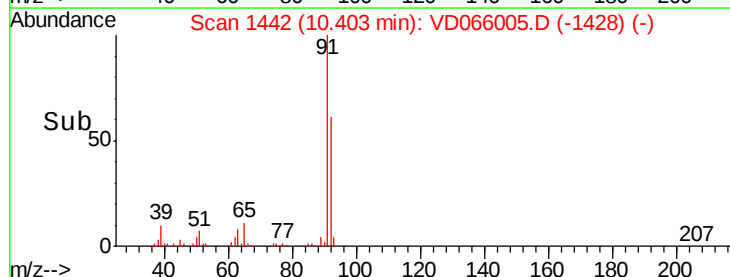
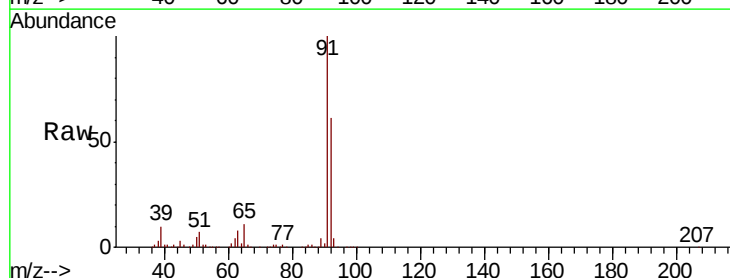
Acq: 22 Jul 2020 16:48

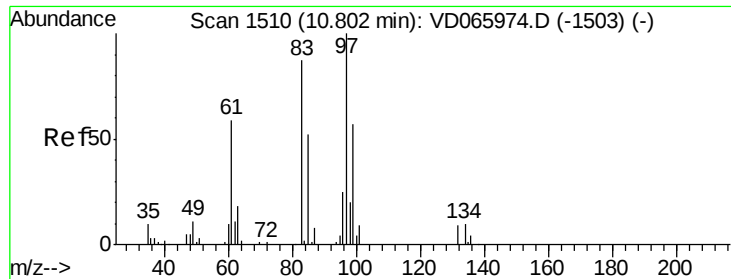
Tgt Ion: 75 Resp: 13578

Ion Ratio Lower Upper

75 100

77 157.8 25.8 38.6#

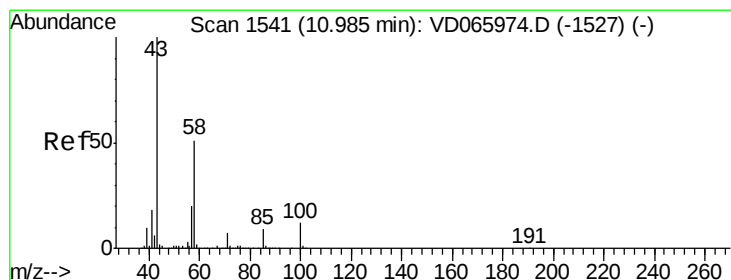
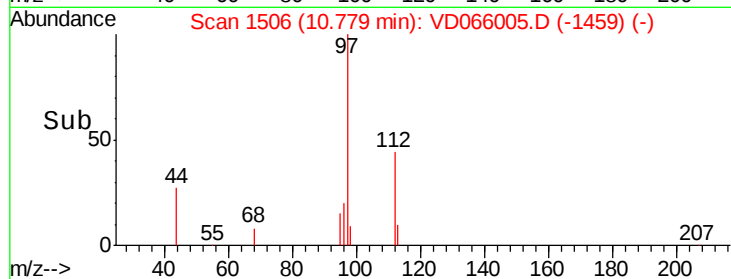
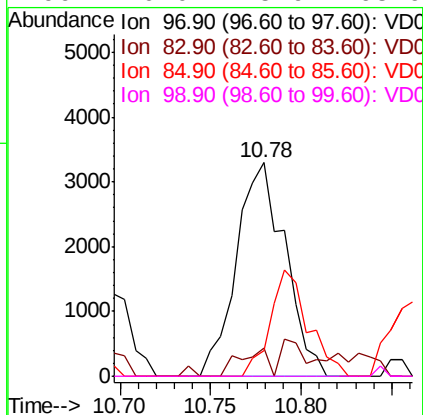
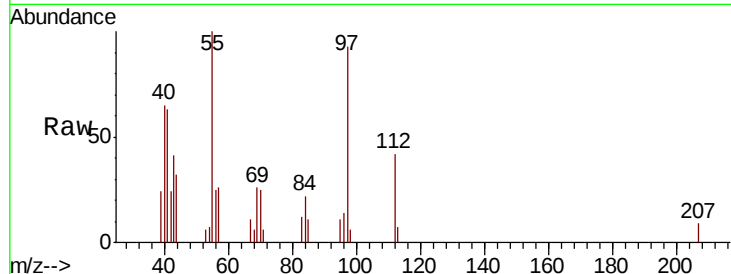




#55
 1,1,2-Trichloroethane
 Concen: 2.565 ug/l
 RT: 10.78 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: VD066005.D
 Acq: 22 Jul 2020 16:48

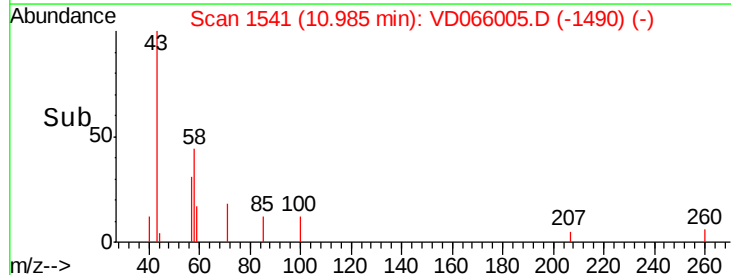
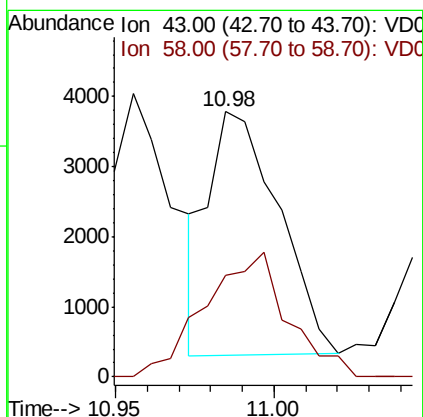
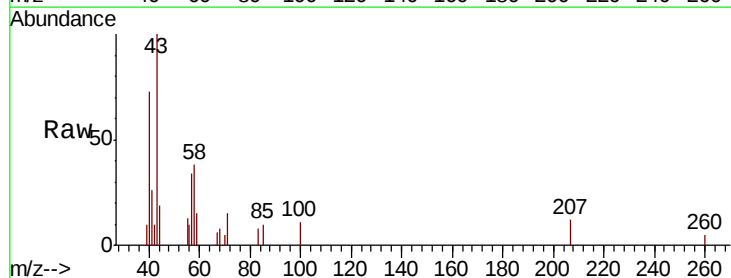
Instrument :
 MSVOA_D
 ClientSampleID :
 81-83

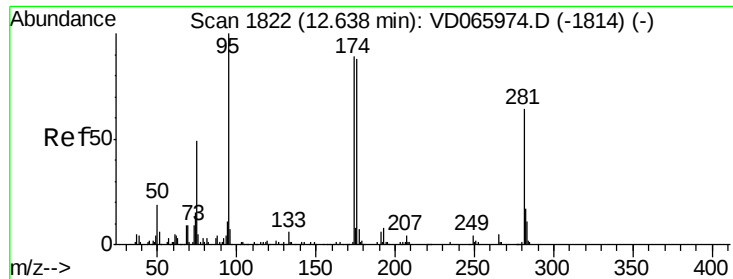
Tot Ion: 97 Resp: 6145
 Ion Ratio Lower Upper
 97 100
 83 8.2 69.7 104.5#
 85 12.2 41.6 62.4#
 99 0.0 45.9 68.9#



#59
 2-Hexanone
 Concen: 4.367 ug/l
 RT: 10.98 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: VD066005.D
 Acq: 22 Jul 2020 16:48

Tgt Ion: 43 Resp: 5267
 Ion Ratio Lower Upper
 43 100
 58 61.4 26.2 78.6

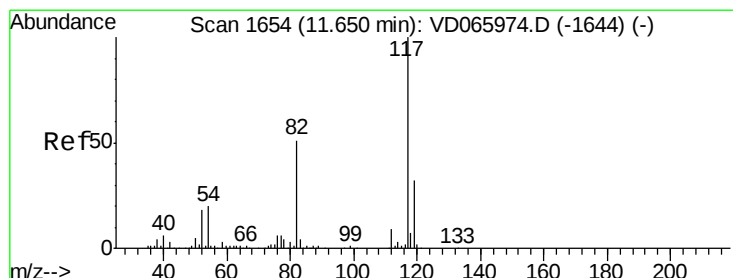
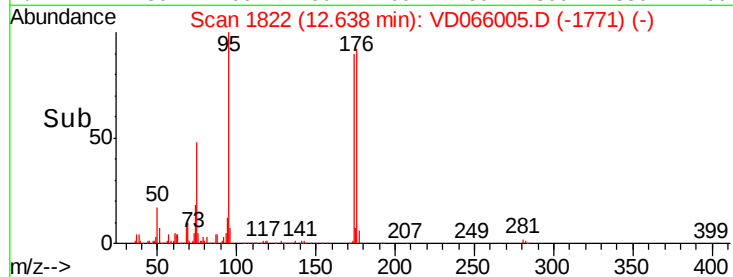
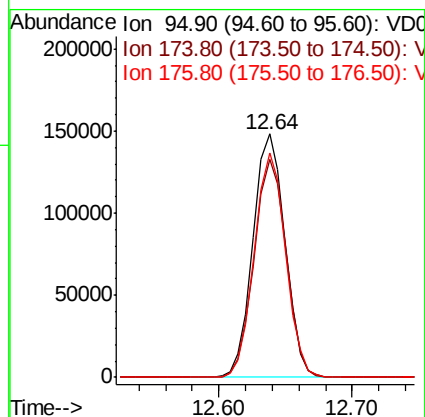
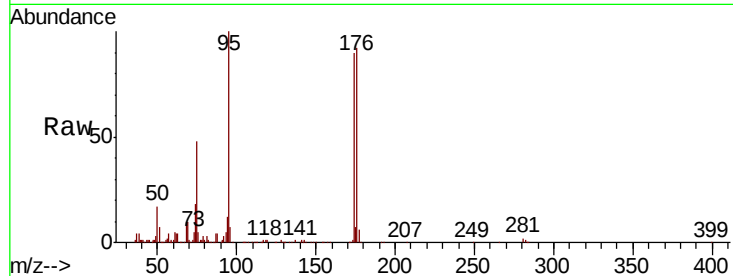




#62
4-Bromofluorobenzene
Concen: 57.773 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

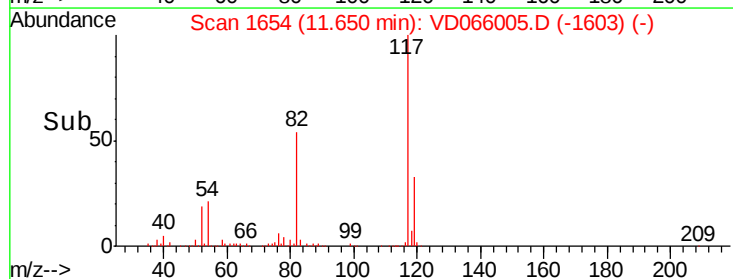
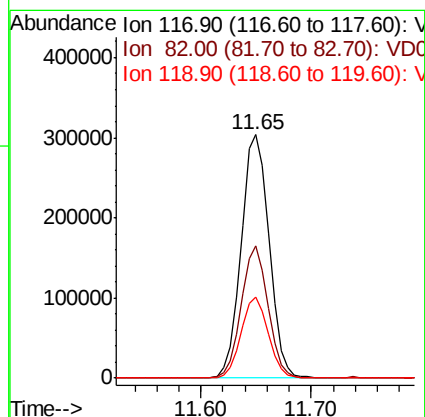
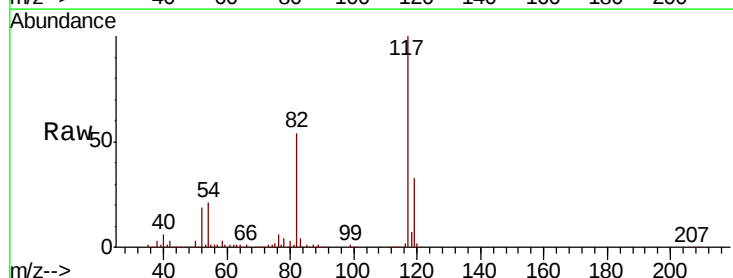
Instrument :
MSVOA_D
ClientSampleId :
81-83

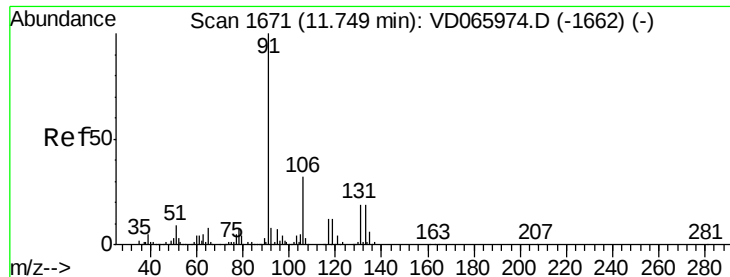
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	178.8
176	89.9	0.0	172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.2	41.1	61.7
119	33.4	25.9	38.9

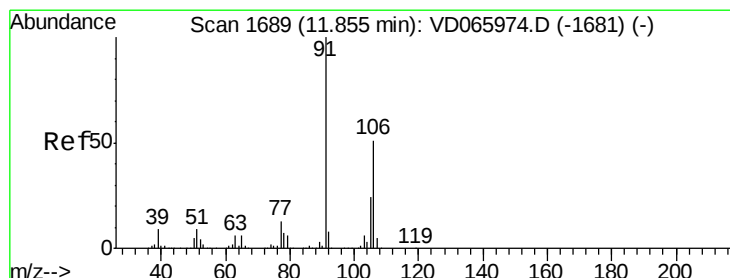
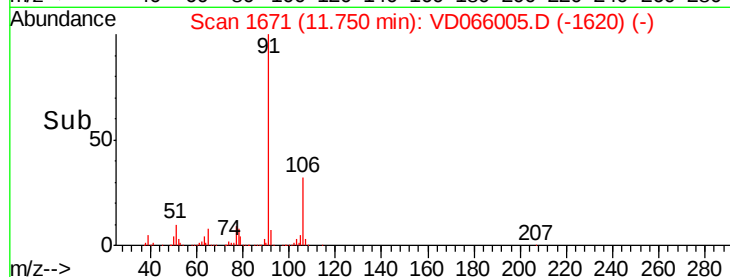
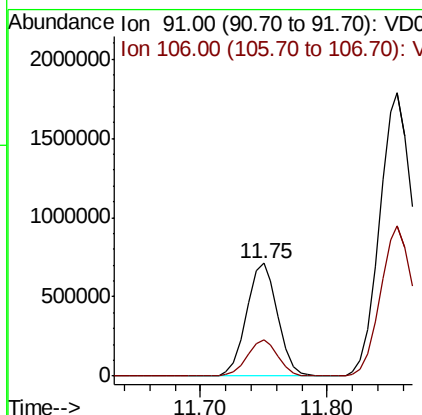
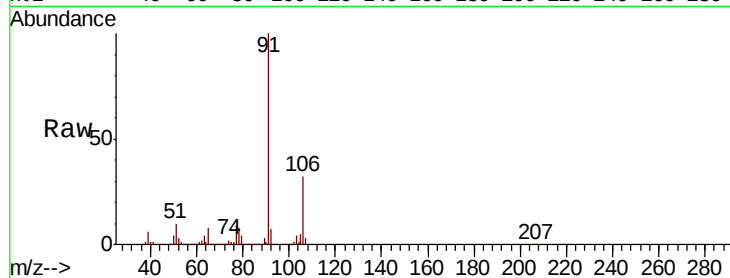




#67
Ethyl Benzene
Concen: 71.132 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

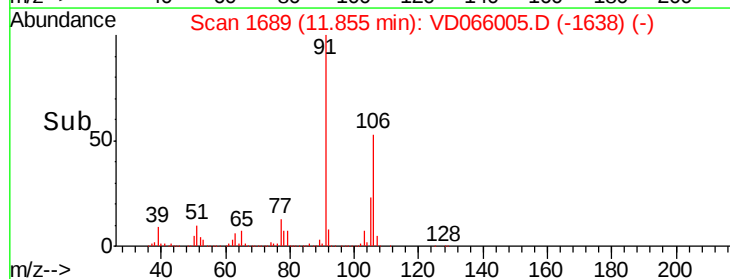
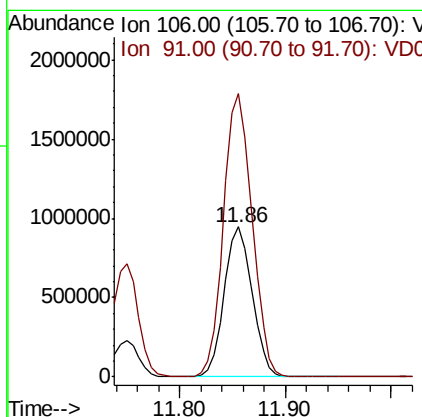
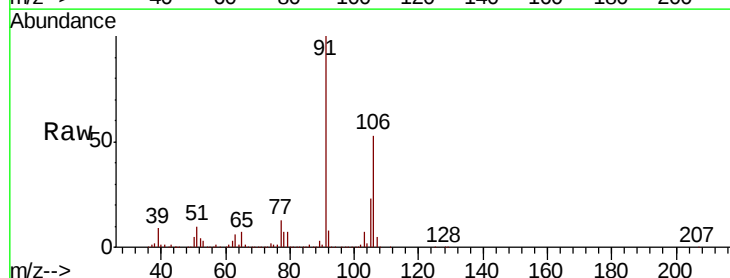
Instrument :
MSVOA_D
ClientSampleId :
81-83

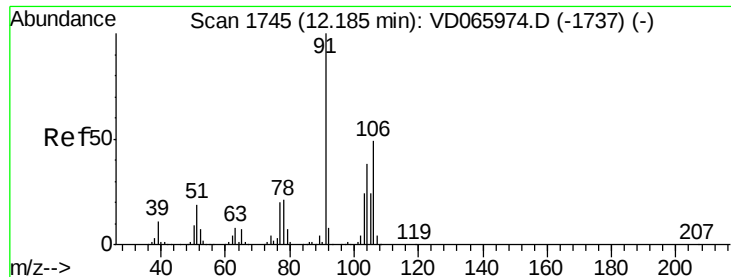
Tot Ion: 91 Resp: 1212905
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5



#68
m/p-Xylenes
Concen: 264.896 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion: 106 Resp: 1736104
Ion Ratio Lower Upper
106 100
91 192.9 157.0 235.6

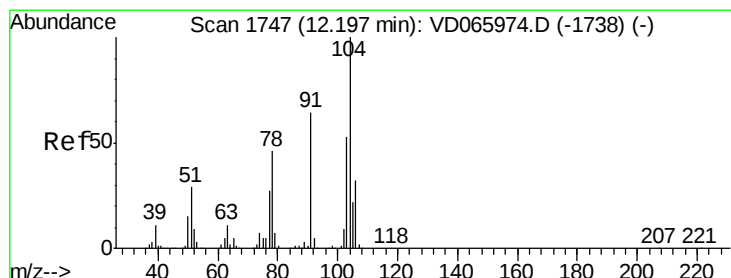
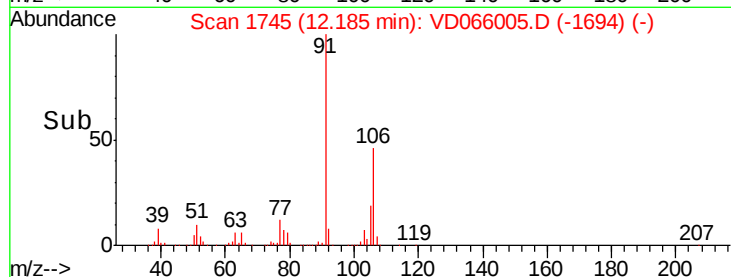
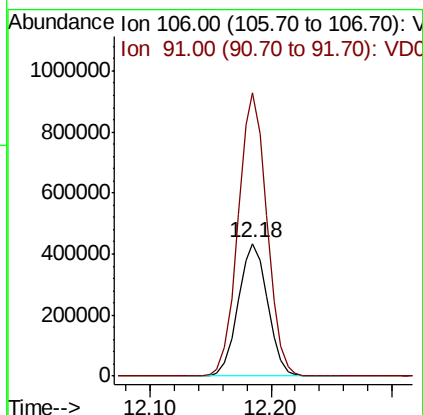
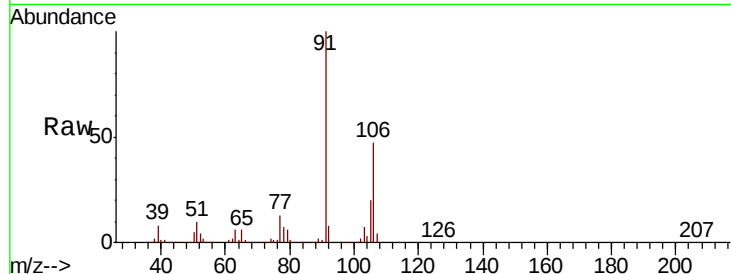




#69
o-Xylene
Concen: 123.472 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

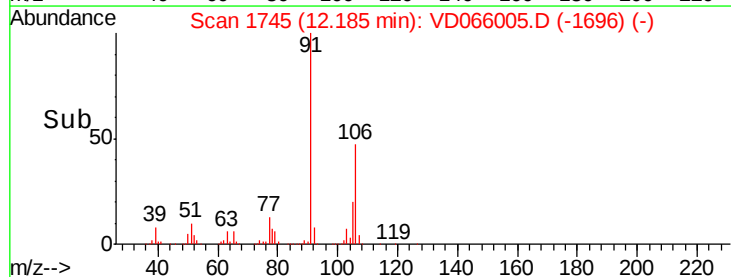
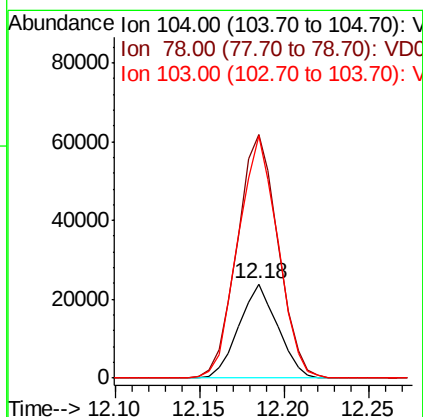
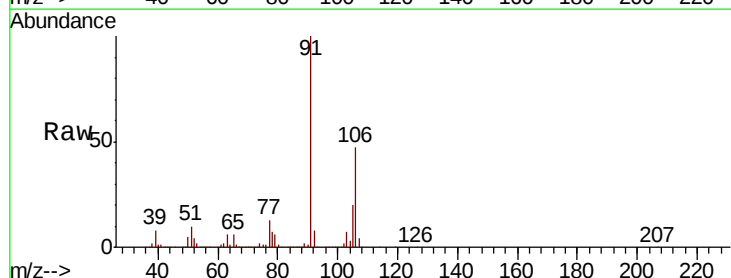
Instrument :
MSVOA_D
ClientSampled :
81-83

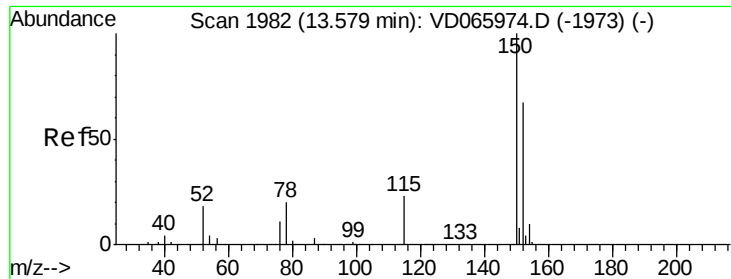
Tot Ion:106 Resp: 736016
Ion Ratio Lower Upper
106 100
91 209.4 103.1 309.3



#70
Styrene
Concen: 3.712 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion:104 Resp: 38018
Ion Ratio Lower Upper
104 100
78 274.7 38.3 57.5#
103 265.7 43.8 65.8#



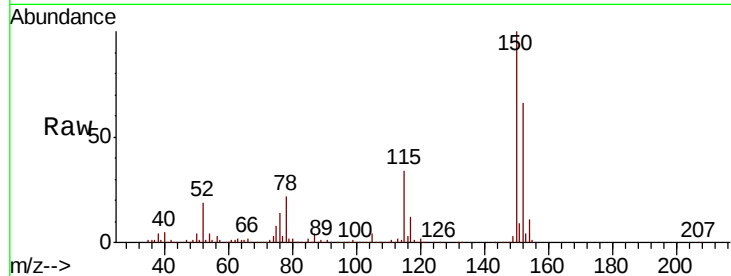


#72

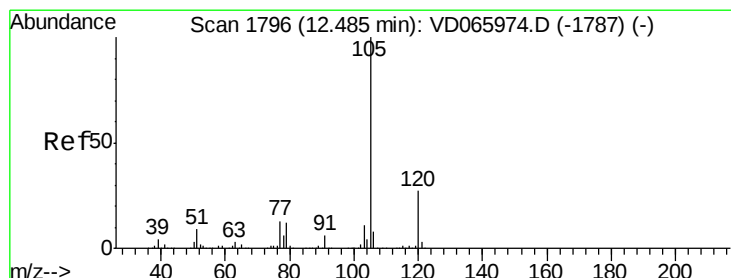
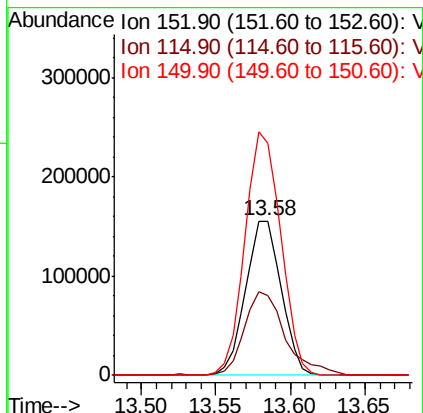
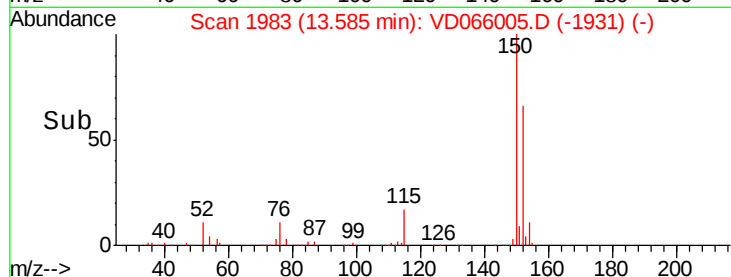
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Instrument :
MSVOA_D
ClientSampleId :
81-83

Tot Ion:152 Resp: 257717
Ion Ratio Lower Upper
152 100
115 62.6 27.9 83.7
150 158.2 0.0 348.2



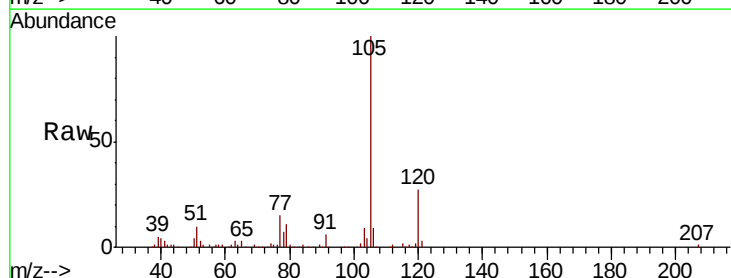
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



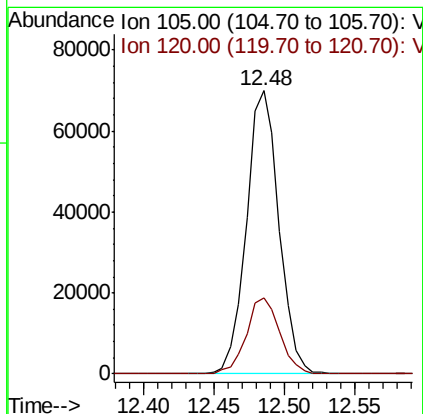
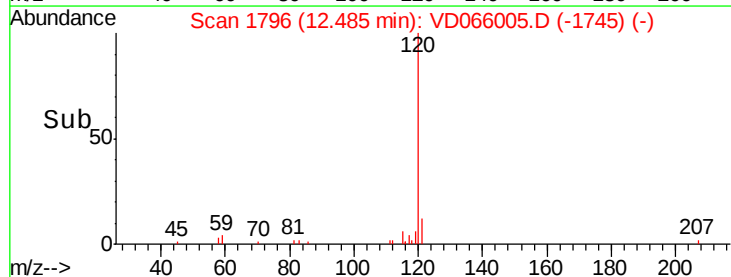
#73

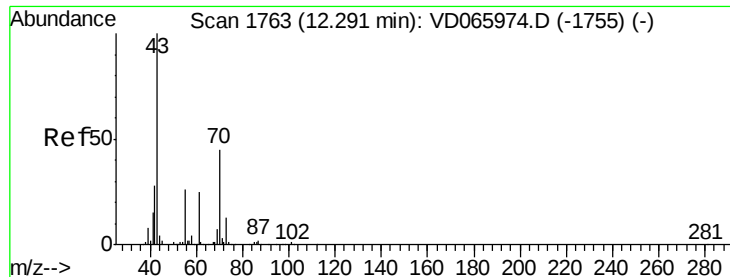
Isopropylbenzene
Concen: 7.242 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion:105 Resp: 112932
Ion Ratio Lower Upper
105 100
120 27.4 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: 2.160 ug/l

RT: 12.26 min Scan# 1757

Delta R.T. -0.04 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampled :

81-83

Tot Ion: 43 Resp: 6983

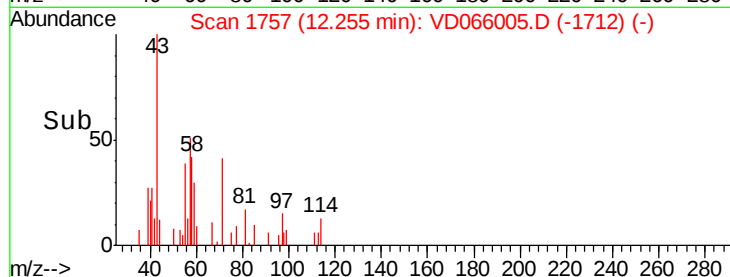
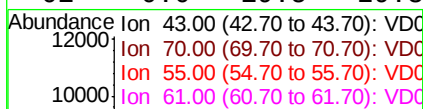
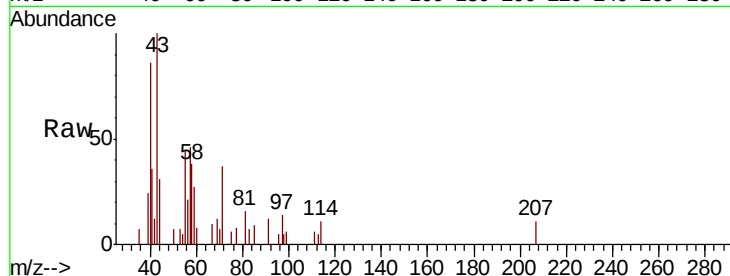
Ion Ratio Lower Upper

43 100

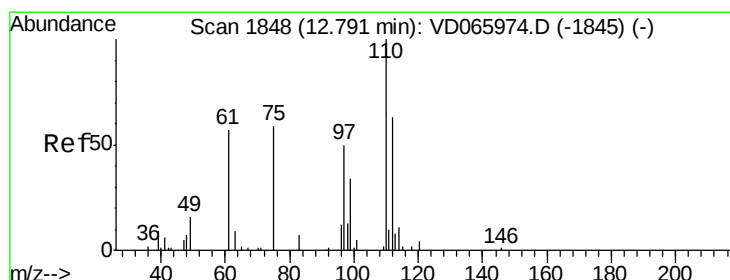
70 14.9 34.6 51.8#

55 16.2 20.3 30.5#

61 0.0 19.5 29.3#



Time-->



#76

1,2,3-Trichloropropane

Concen: 6.470 ug/l

RT: 12.88 min Scan# 1864

Delta R.T. 0.09 min

Lab File: VD066005.D

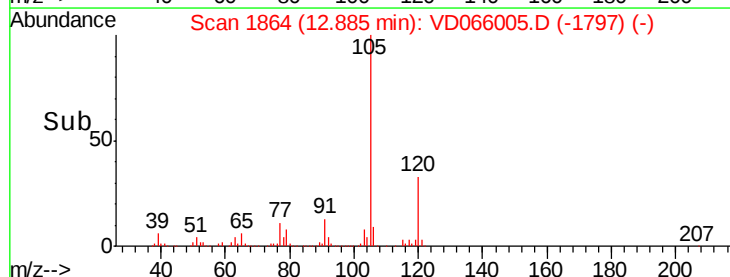
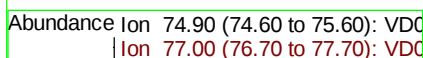
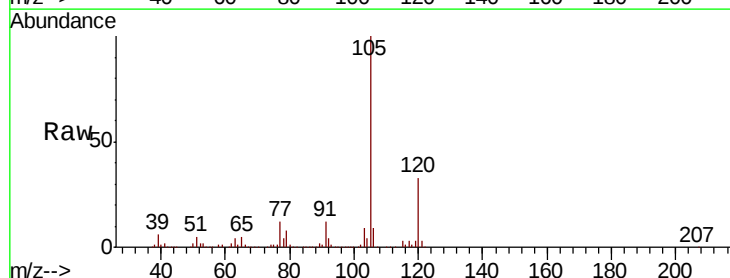
Acq: 22 Jul 2020 16:48

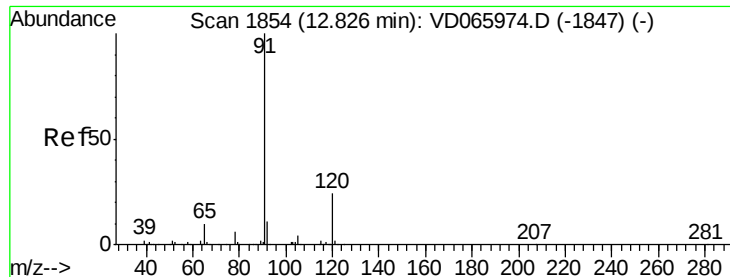
Tgt Ion: 75 Resp: 12554

Ion Ratio Lower Upper

75 100

77 1234.7 0.0 0.0#





#78

n-propylbenzene

Concen: 24.839 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

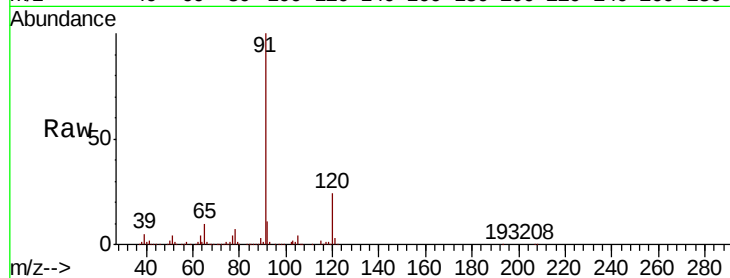
81-83

Tot Ion: 91 Resp: 449482

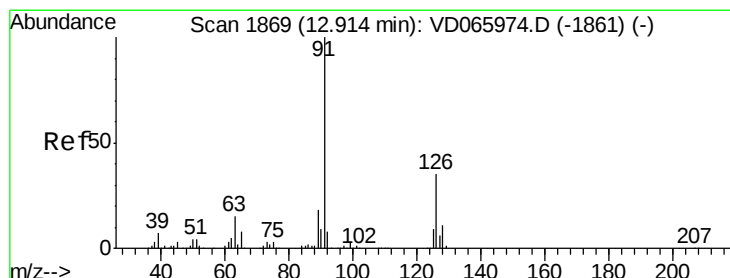
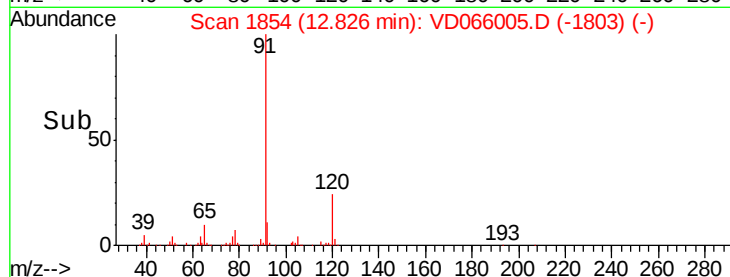
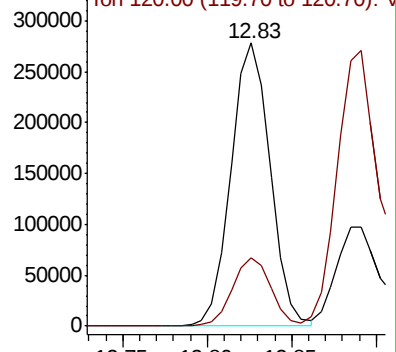
Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC



#79

2-Chlorotoluene

Concen: 14.856 ug/l

RT: 12.89 min Scan# 1865

Delta R.T. -0.02 min

Lab File: VD066005.D

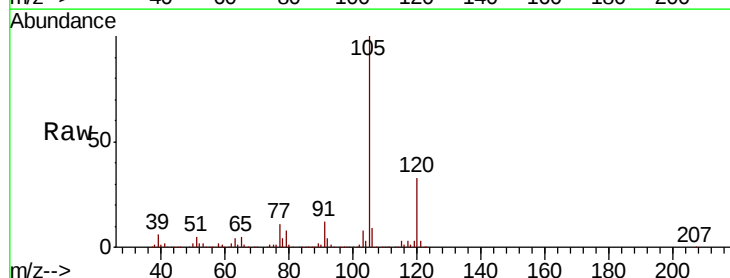
Acq: 22 Jul 2020 16:48

Tgt Ion: 91 Resp: 153590

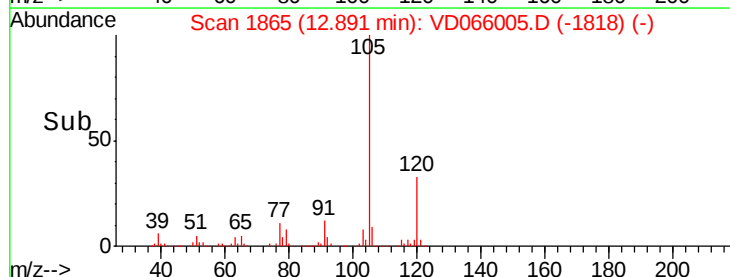
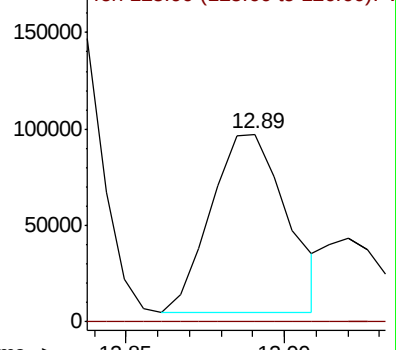
Ion Ratio Lower Upper

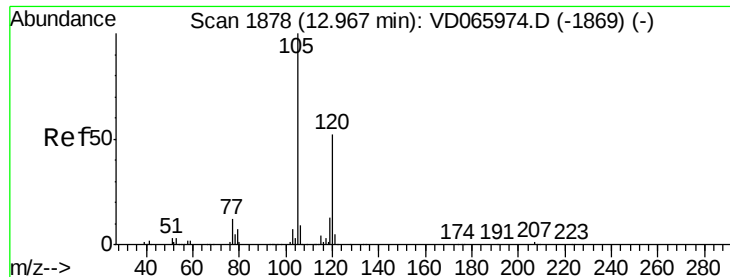
91 100

126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC





#80

1,3,5-Trimethylbenzene

Concen: 32.791 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampled :

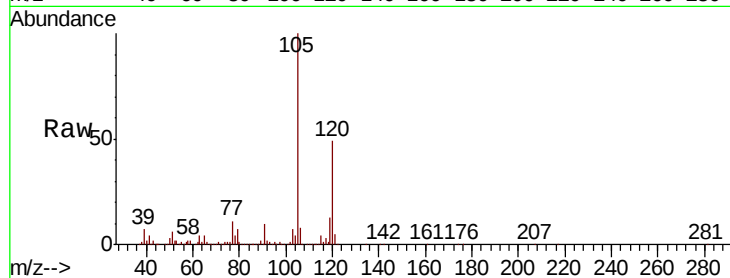
81-83

Tot Ion:105 Resp: 420117

Ion Ratio Lower Upper

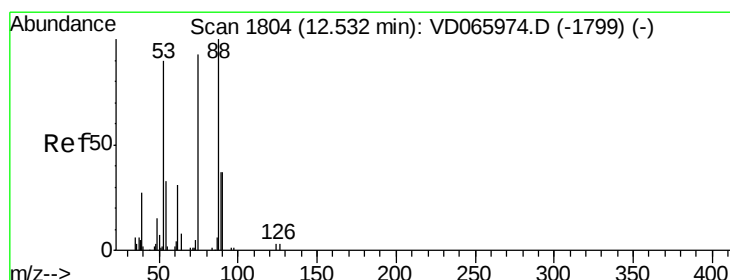
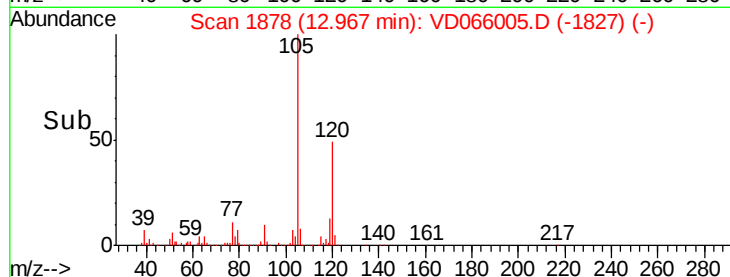
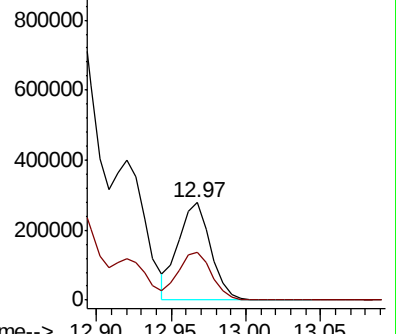
105 100

120 51.0 25.6 76.6



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: 139.002 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

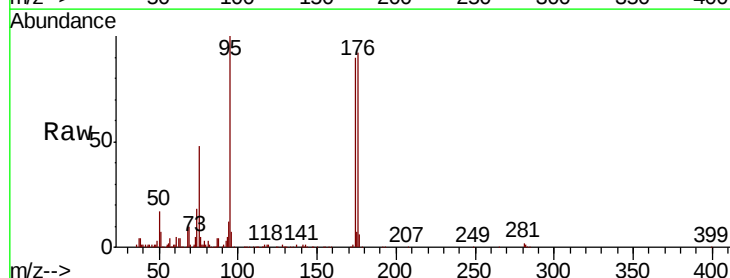
Tgt Ion: 75 Resp: 117547

Ion Ratio Lower Upper

75 100

53 0.4 76.8 115.2#

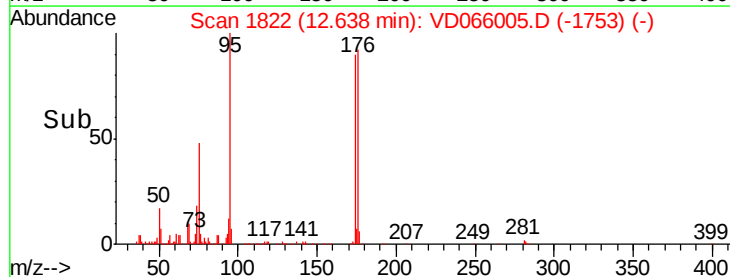
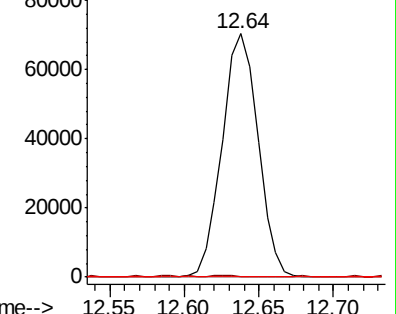
89 0.0 37.0 55.4#

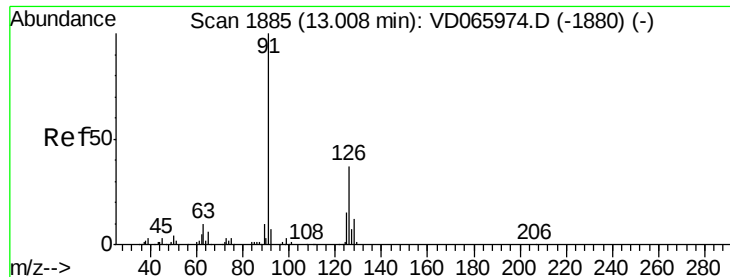


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

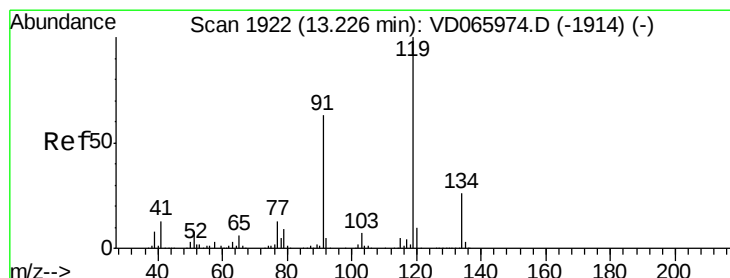
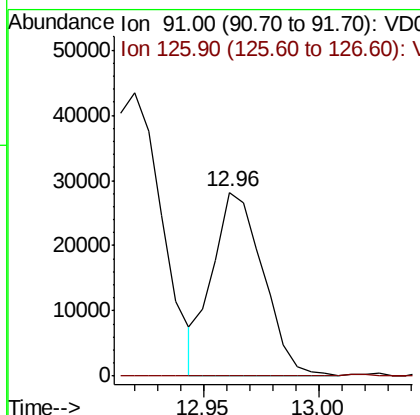
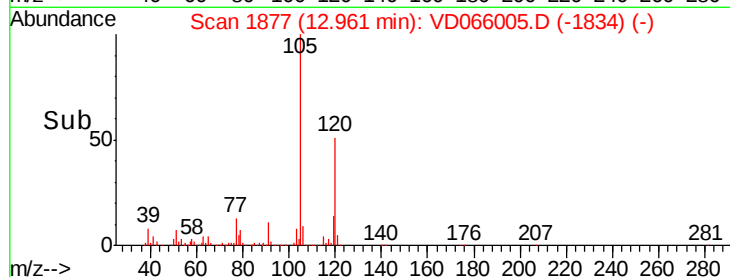
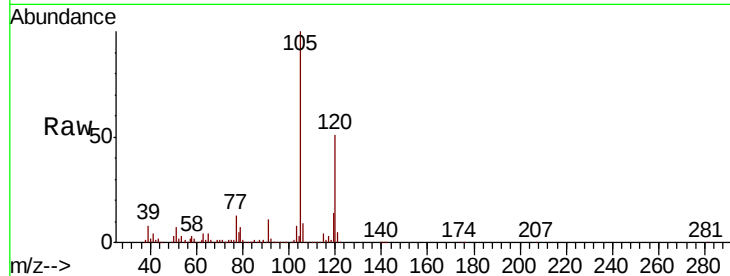




#82
4-Chlorotoluene
Concen: 3.896 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.05 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

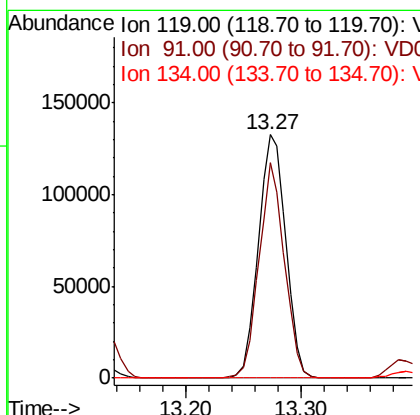
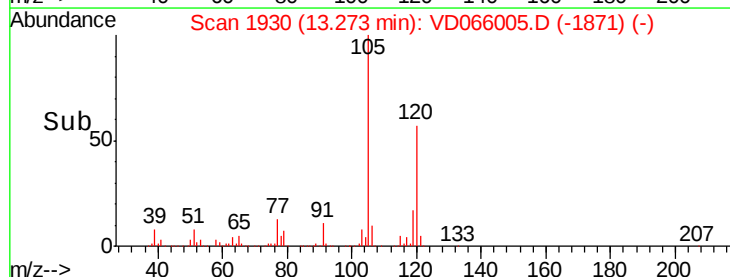
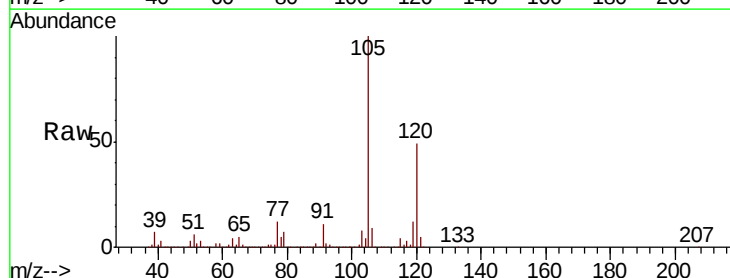
Instrument :
MSVOA_D
ClientSampleId :
81-83

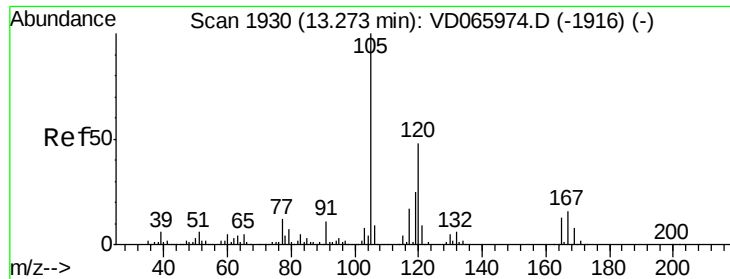
Tot Ion: 91 Resp: 42517
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#



#83
tert-Butylbenzene
Concen: 19.632 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.05 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion: 119 Resp: 220102
Ion Ratio Lower Upper
119 100
91 82.2 30.6 91.6
134 0.0 13.9 41.7#





#84

1,2,4-Trimethylbenzene

Concen: 137.029 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

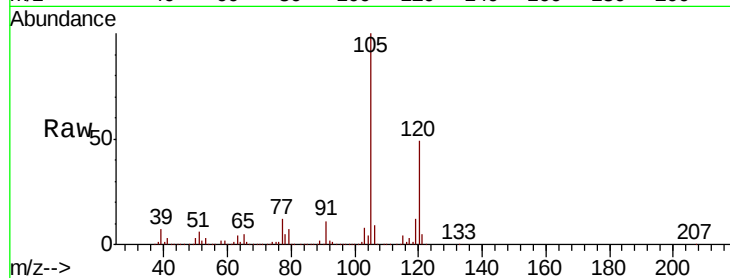
81-83

Tot Ion:105 Resp: 1732055

Ion Ratio Lower Upper

105 100

120 48.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

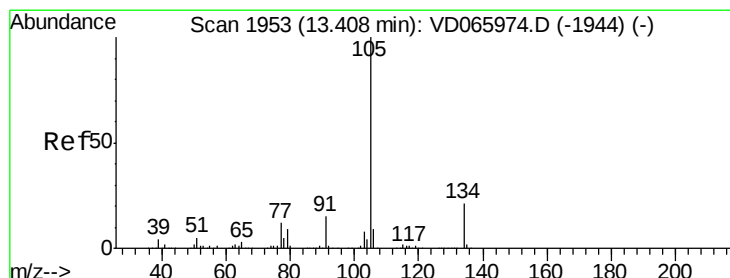
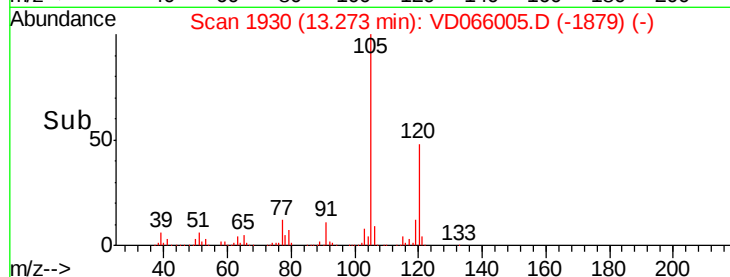
400000

200000

0

13.20 13.30 13.40

Time-->



#85

sec-Butylbenzene

Concen: 112.162 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.14 min

Lab File: VD066005.D

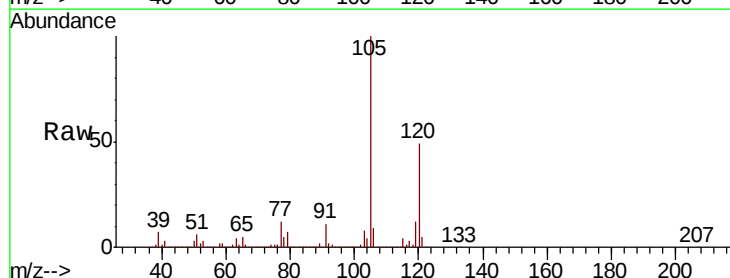
Acq: 22 Jul 2020 16:48

Tgt Ion:105 Resp: 1732055

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

1200000

1000000

800000

600000

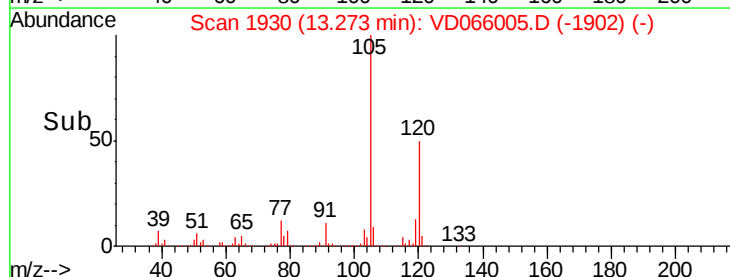
400000

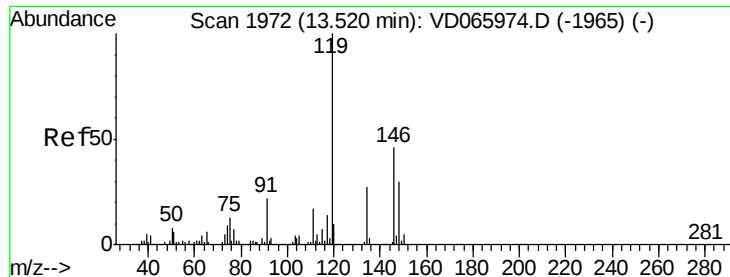
200000

0

13.20 13.30 13.40

Time-->

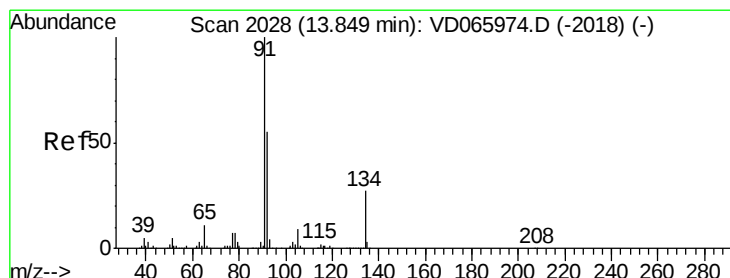
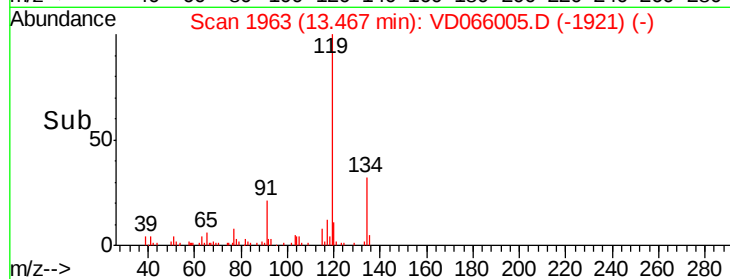
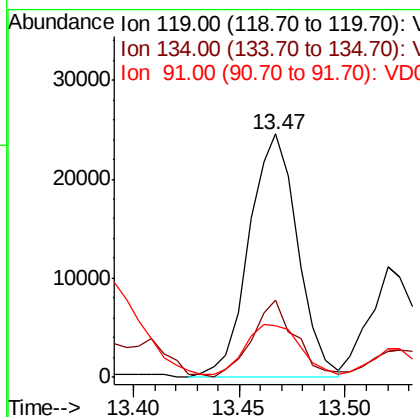
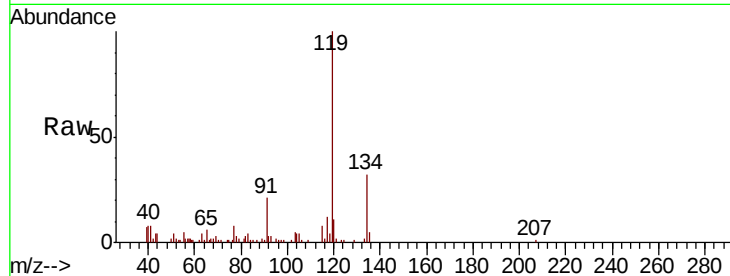




#86
p-Isopropyltoluene
Concen: 2.802 ug/l
RT: 13.47 min Scan# 1963
Delta R.T. -0.05 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

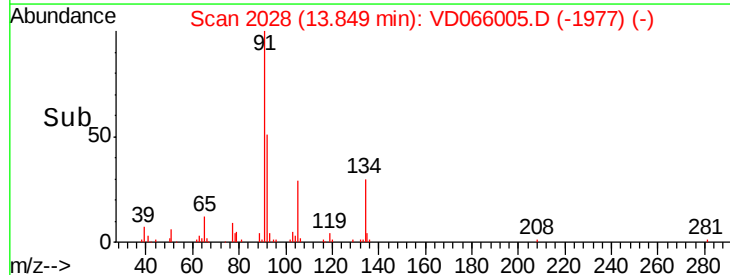
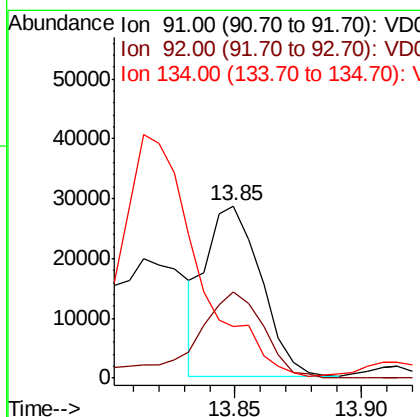
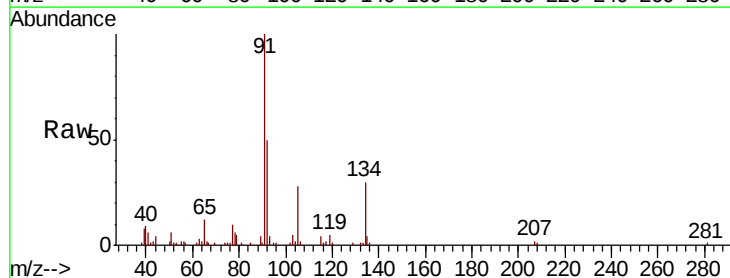
Instrument :
MSVOA_D
ClientSampleId :
81-83

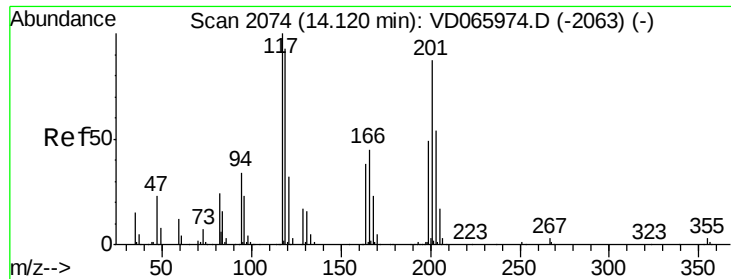
Tot Ion:119 Resp: 39315
Ion Ratio Lower Upper
119 100
134 28.3 13.4 40.2
91 25.4 11.1 33.3



#89
n-Butylbenzene
Concen: 3.287 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066005.D
Acq: 22 Jul 2020 16:48

Tgt Ion: 91 Resp: 42883
Ion Ratio Lower Upper
91 100
92 61.0 27.2 81.6
134 0.0 13.8 41.4#





#90

Hexachloroethane

Concen: 5.649 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_D

ClientSampled :

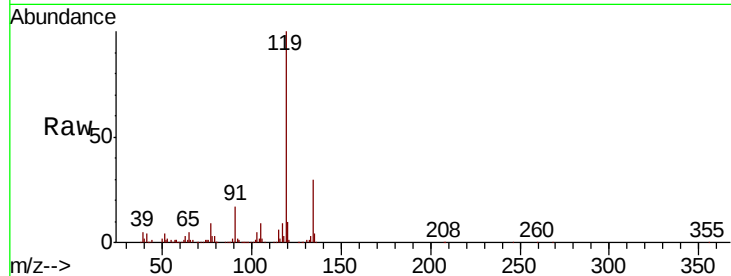
81-83

Tot Ion:117 Resp: 16405

Ion Ratio Lower Upper

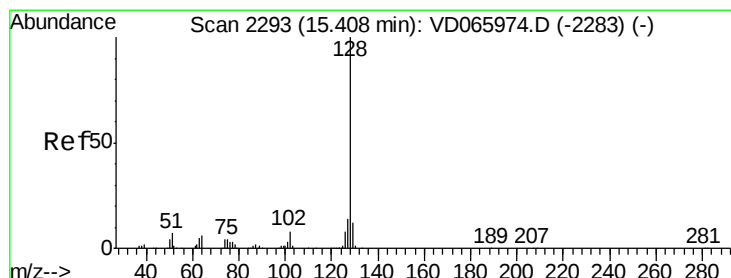
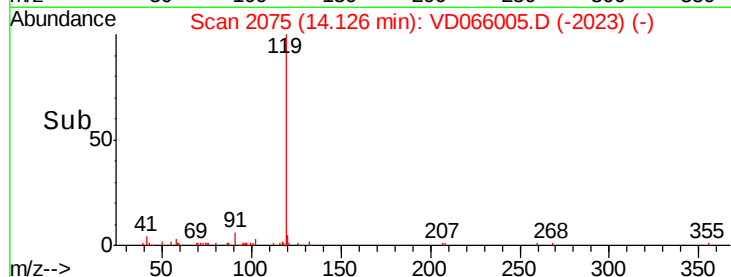
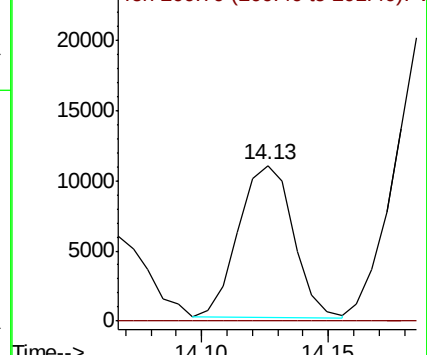
117 100

201 0.0 42.0 126.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 16.602 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066005.D

Acq: 22 Jul 2020 16:48

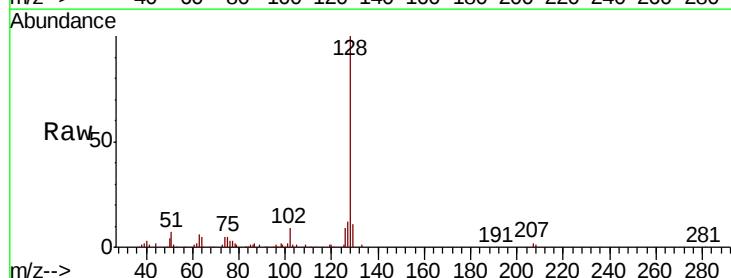
Tgt Ion:128 Resp: 115009

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.5 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

