

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
 Data File : VD064981.D
 Acq On : 28 Jan 2020 16:19
 Operator : VA/SY
 Sample : L1287-04
 Misc : 6.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 29 01:34:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	453493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	739506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	627011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	207437	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	7.92	113	221594	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	10.34	98	867484	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.64	95	245481	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

Target Compounds

						Qvalue
7) Trichlorofluoromethane	3.27	101	9770	1.100	ug/l	96
16) Acetone	4.17	43	33827	40.515	ug/l	94
20) Methylene Chloride	4.97	84	11002	Below Cal		93
25) 2-Butanone	7.23	43	11727	9.979	ug/l	97
31) Cyclohexane	7.99	56	11882	1.568	ug/l #	62
36) 1,1-Dichloropropene	7.98	75	32457	4.552	ug/l #	42
38) Carbon Tetrachloride	7.98	117	42485	5.637	ug/l #	18
39) Methylcyclohexane	9.36	83	9325	1.119	ug/l	94
55) 1,1,2-Trichloroethane	10.78	97	14575	4.163	ug/l #	28
56) Ethyl methacrylate	10.68	69	7016	1.676	ug/l #	1
59) 2-Hexanone	10.96	43	10048	5.203	ug/l #	32
65) Chlorobenzene	11.67	112	39188	3.078	ug/l	91
67) Ethyl Benzene	11.75	91	386205	17.088	ug/l	99
68) m/p-Xylenes	11.86	106	41546	4.774	ug/l	98
69) o-Xylene	12.18	106	57536	7.450	ug/l	99
73) Isopropylbenzene	12.48	105	471452	26.492	ug/l	99
74) N-amyl acetate	12.27	43	32677	8.206	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.70	83	8385	2.803	ug/l #	26
76) 1,2,3-Trichloropropane	12.93	75	5875	2.718	ug/l #	100
77) Bromobenzene	12.63	156	279191	64.119	ug/l #	1
78) n-propylbenzene	12.83	91	133980	6.331	ug/l	99
79) 2-Chlorotoluene	12.92	91	75859	6.534	ug/l #	47
80) 1,3,5-Trimethylbenzene	12.97	105	275242	18.873	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.48	75	7388	7.299	ug/l #	61
82) 4-Chlorotoluene	12.97	91	29709	2.413	ug/l #	47
83) tert-Butylbenzene	13.23	119	28910	2.336	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	986160	66.751	ug/l	98
85) sec-Butylbenzene	13.41	105	43515	2.483	ug/l #	69
86) p-Isopropyltoluene	13.53	119	181311	11.057	ug/l	97
87) 1,3-Dichlorobenzene	13.60	146	133425	15.970	ug/l	94
88) 1,4-Dichlorobenzene	13.60	146	133425	16.091	ug/l	92
89) n-Butylbenzene	13.78	91	1410554	94.258	ug/l #	43
90) Hexachloroethane	14.13	117	99552	31.482	ug/l #	8
91) 1,2-Dichlorobenzene	13.90	146	29660	4.182	ug/l #	23

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

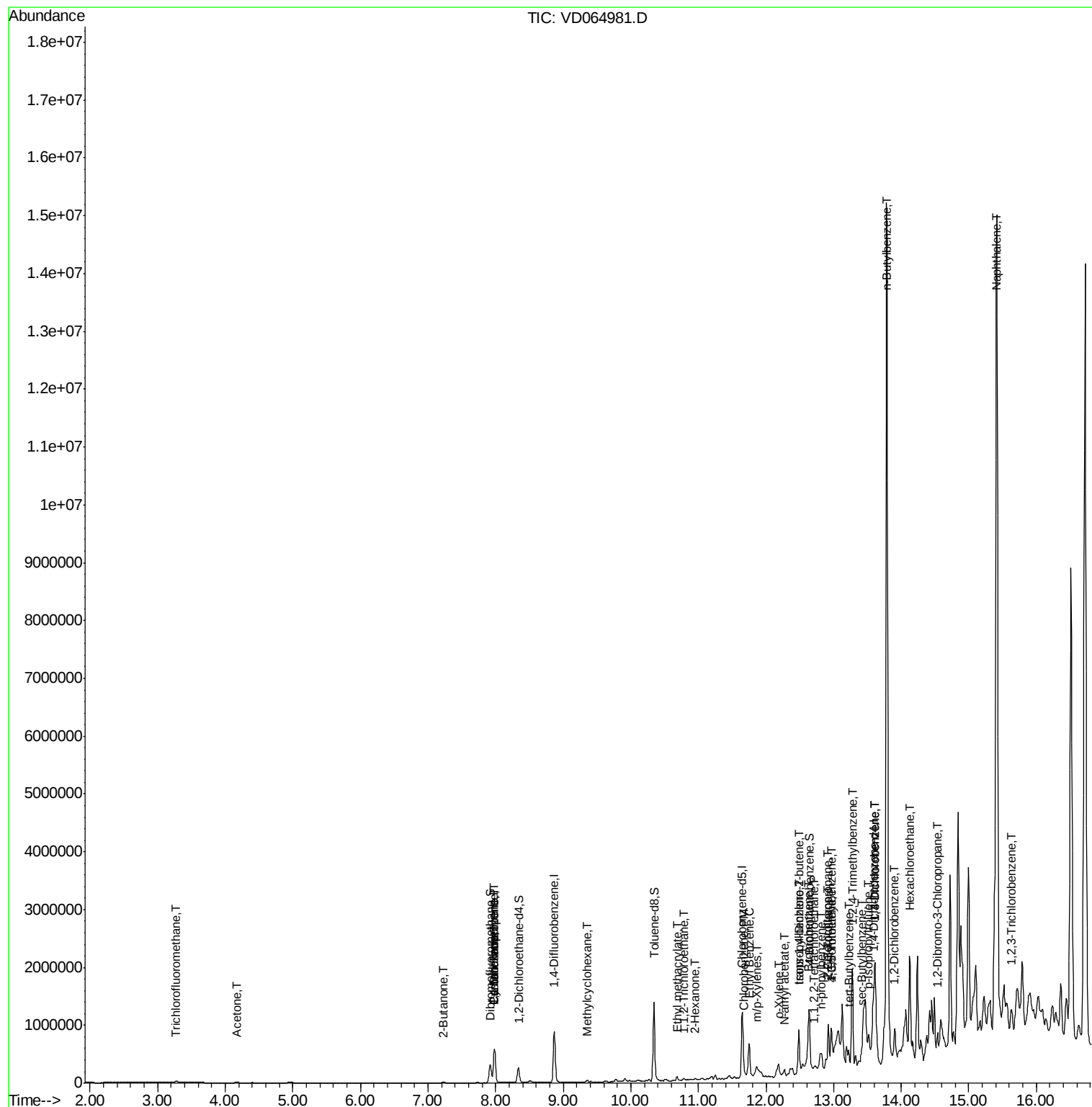
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.53	75	2055	4.293	ug/l #	1
95) Naphthalene	15.41	128	12513070	1580.113	ug/l	98
96) 1,2,3-Trichlorobenzene	15.63	180	5804	1.364	ug/l #	68

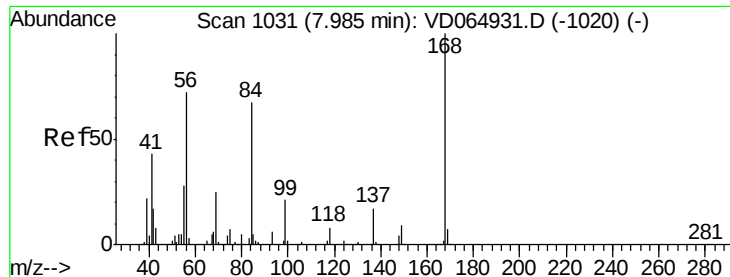
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

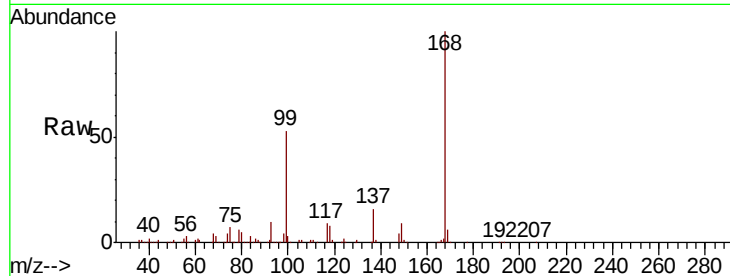
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 453493

Ion Ratio Lower Upper

168 100

99 52.3 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.99

200000

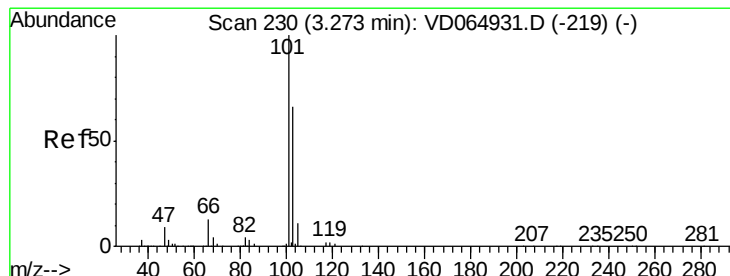
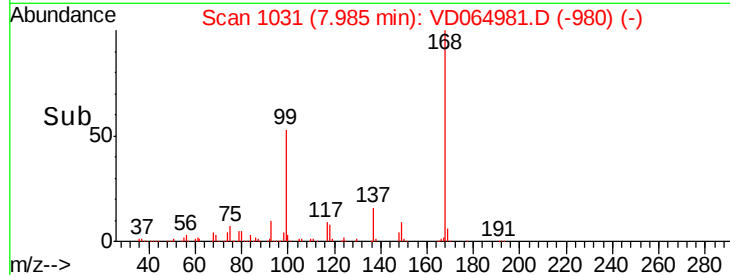
150000

100000

50000

0

Time-->



#7

Trichlorofluoromethane

Concen: 1.100 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD064981.D

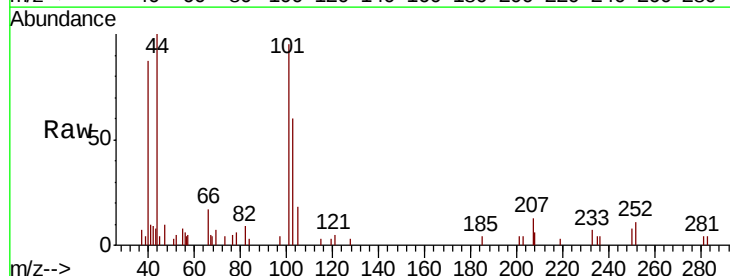
Acq: 28 Jan 2020 16:19

Tgt Ion:101 Resp: 9770

Ion Ratio Lower Upper

101 100

103 62.7 52.5 78.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

5000

4000

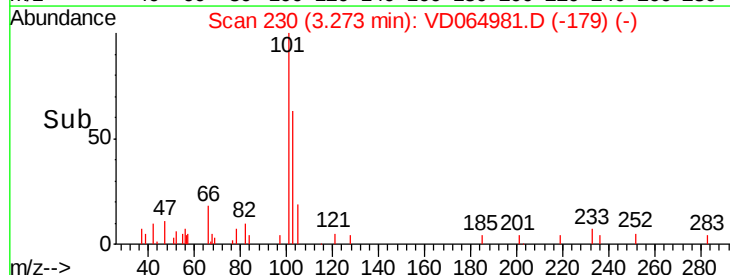
3000

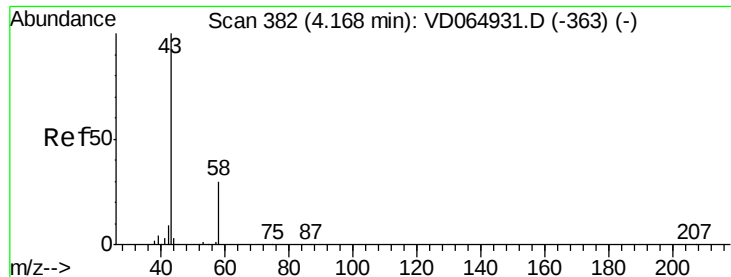
2000

1000

0

Time-->





#16

Acetone

Concen: 40.515 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

Instrument :

MSVOA_D

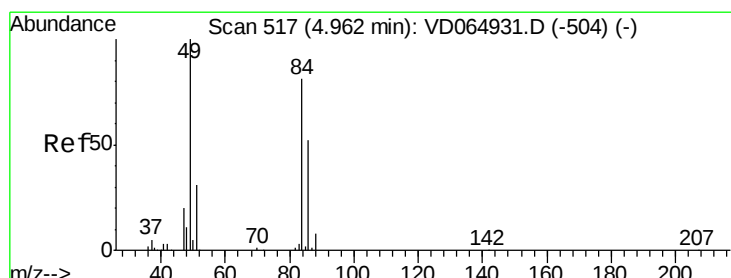
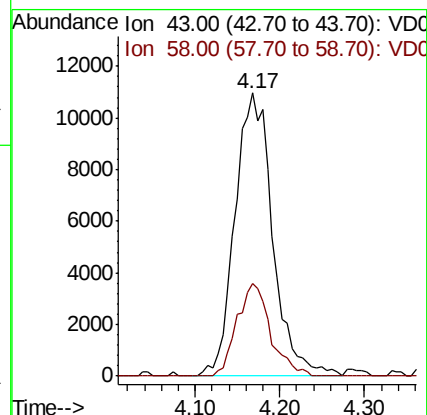
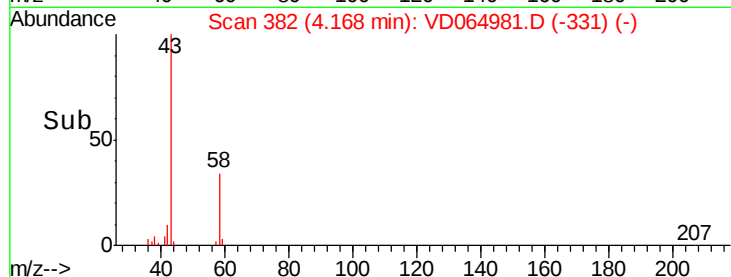
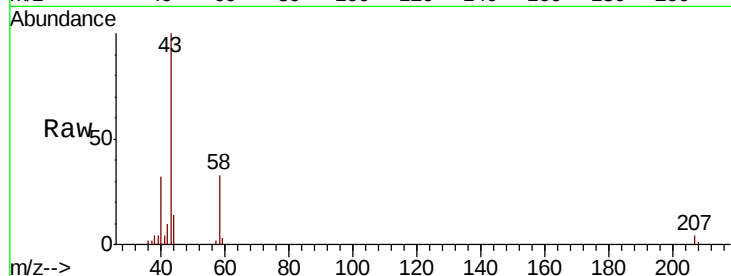
ClientSampleId :

Tot Ion: 43 Resp: 33827

Ion Ratio Lower Upper

43 100

58 33.0 23.8 35.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

Tgt Ion: 84 Resp: 11002

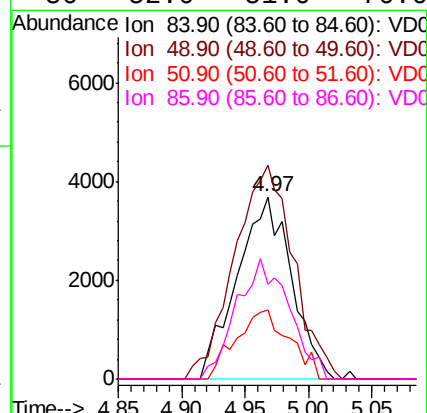
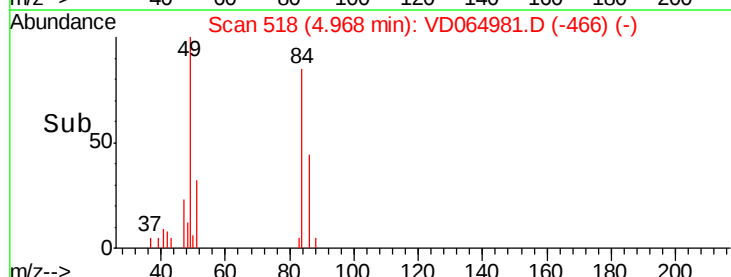
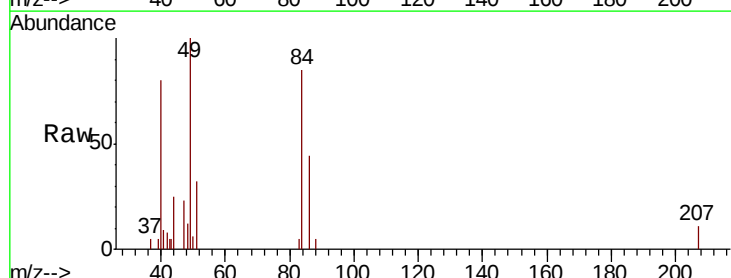
Ion Ratio Lower Upper

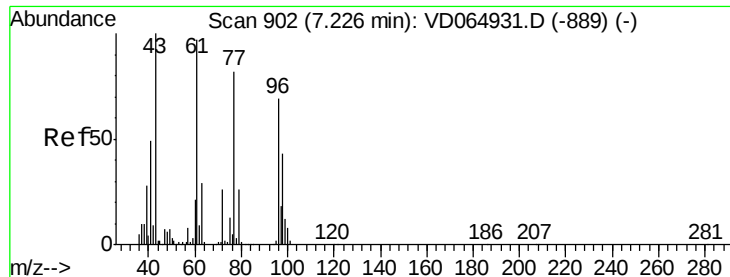
84 100

49 117.3 98.4 147.6

51 38.1 30.8 46.2

86 52.0 51.0 76.6

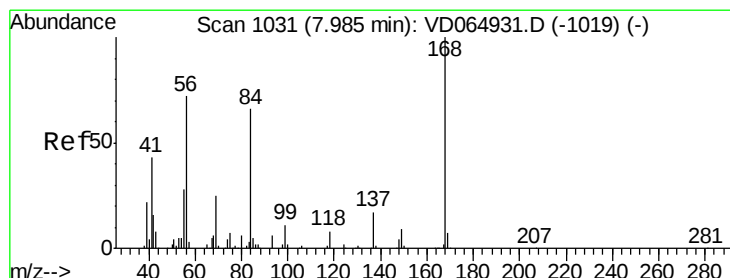
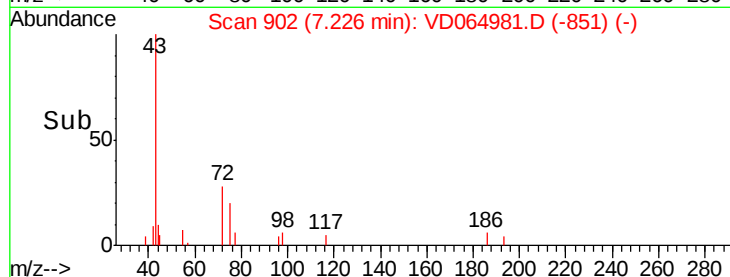
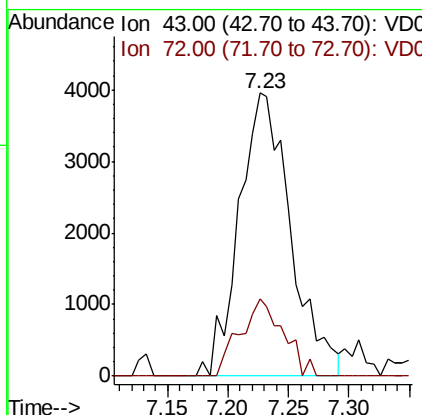
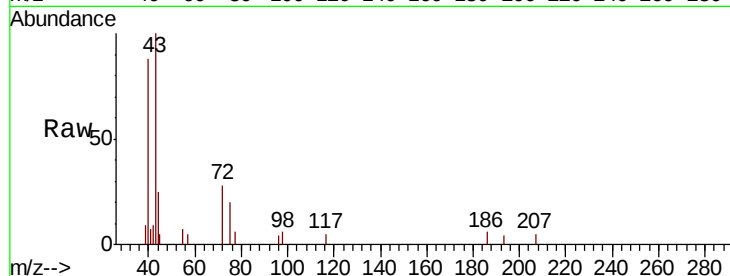




#25
2-Butanone
Concen: 9.979 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

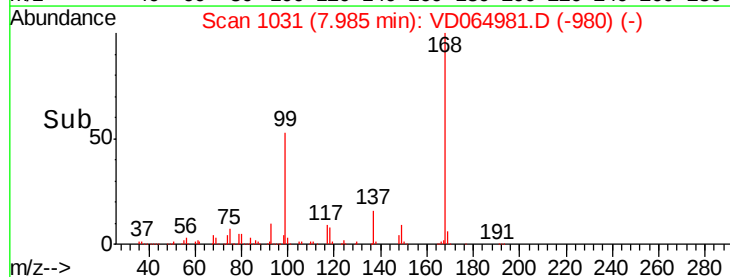
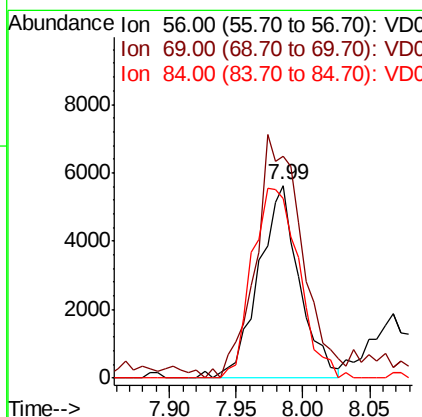
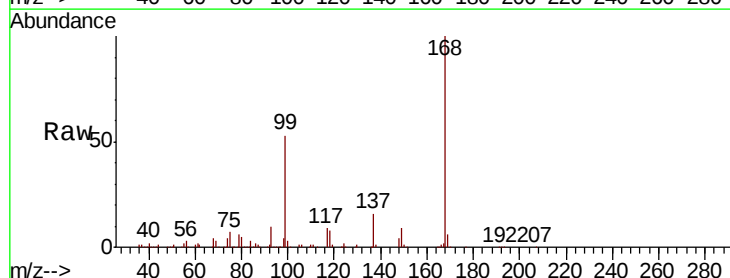
Instrument :
MSVOA_D
ClientSampleId :

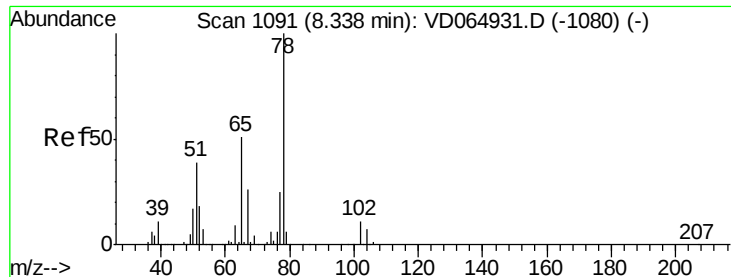
Tot Ion: 43 Resp: 11727
Ion Ratio Lower Upper
43 100
72 27.5 20.6 31.0



#31
Cyclohexane
Concen: 1.568 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Tgt Ion: 56 Resp: 11882
Ion Ratio Lower Upper
56 100
69 112.1 27.9 41.9#
84 93.0 72.8 109.2

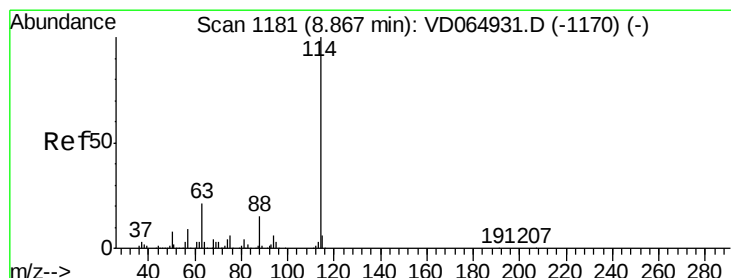
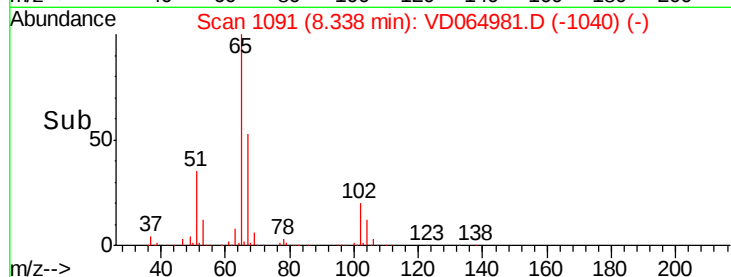
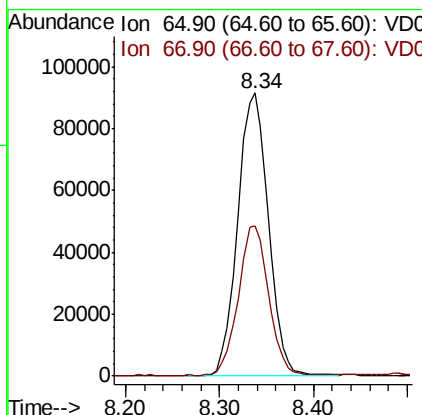
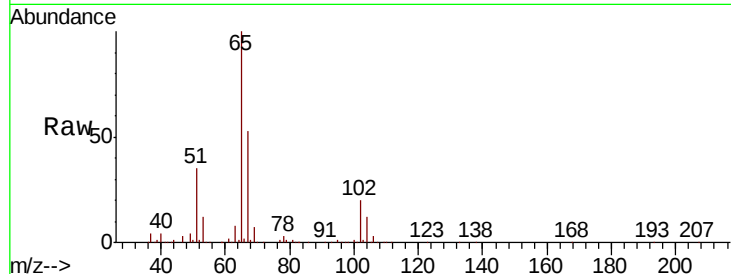




#33
 1,2-Dichloroethane-d4
 Concen: 47.687 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064981.D
 Acq: 28 Jan 2020 16:19

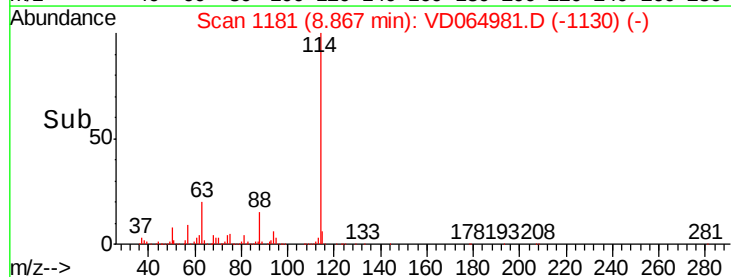
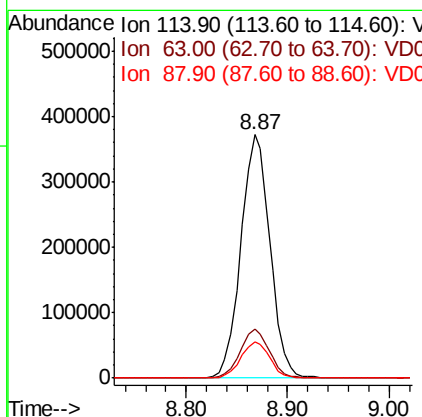
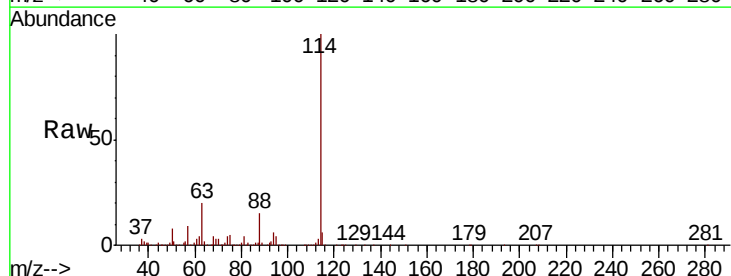
Instrument :
 MSVOA_D
 ClientSampleId :

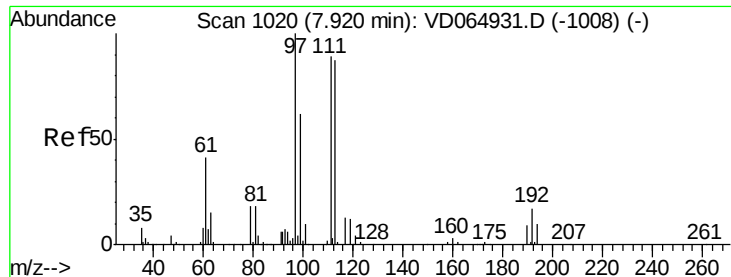
Tot Ion: 65 Resp: 207437
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064981.D
 Acq: 28 Jan 2020 16:19

Tgt Ion: 114 Resp: 739506
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.0
 88 15.0 0.0 29.4

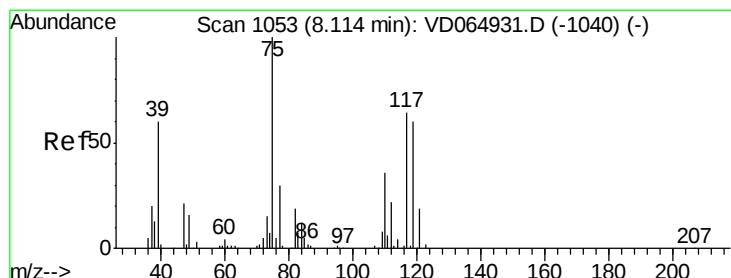
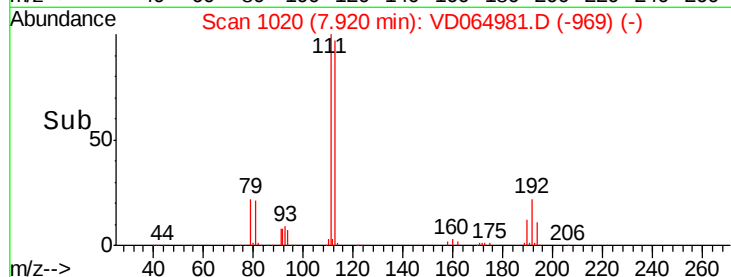
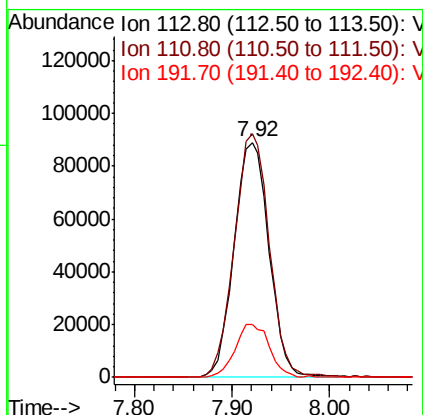
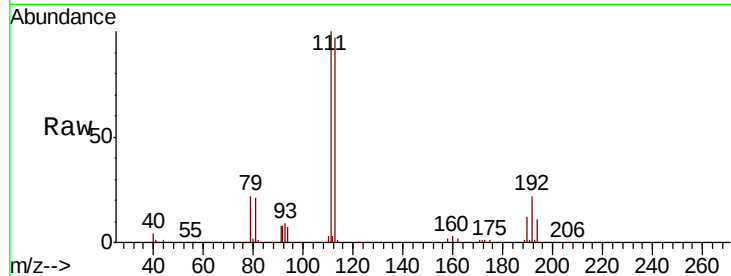




#35
Dibromofluoromethane
Concen: 47.684 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

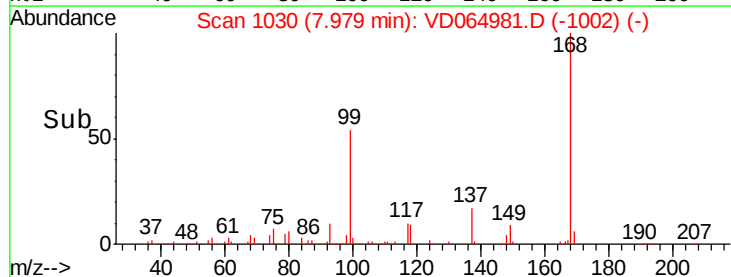
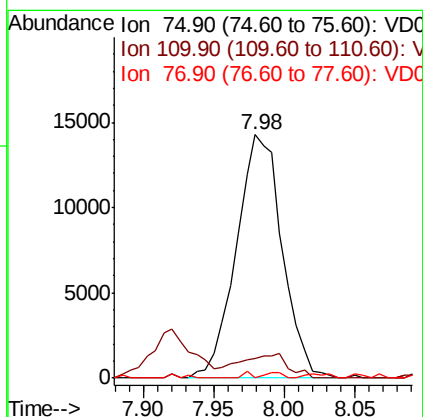
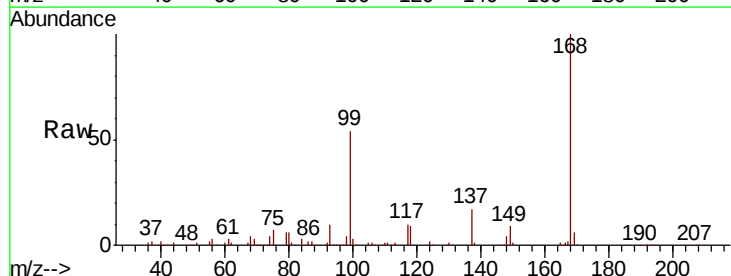
Instrument :
MSVOA_D
ClientSampleId :

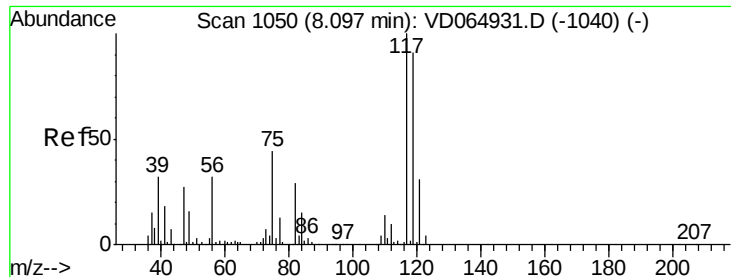
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	22.4	16.9	25.3



#36
1,1-Dichloropropene
Concen: 4.552 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.3	52.0#
77	0.4	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.637 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

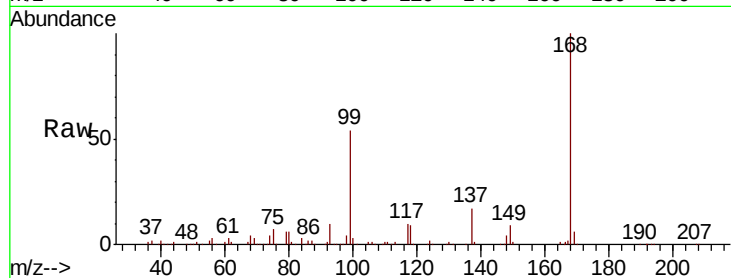
Tot Ion:117 Resp: 42485

Ion Ratio Lower Upper

117 100

119 4.7 73.2 109.8#

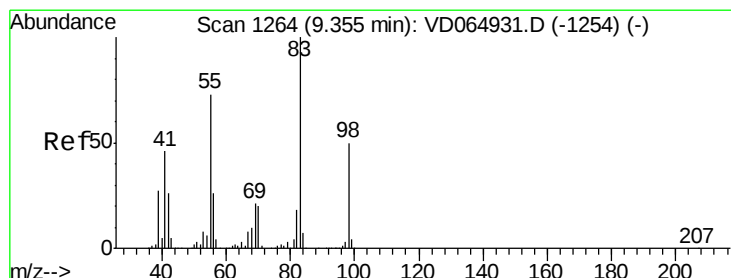
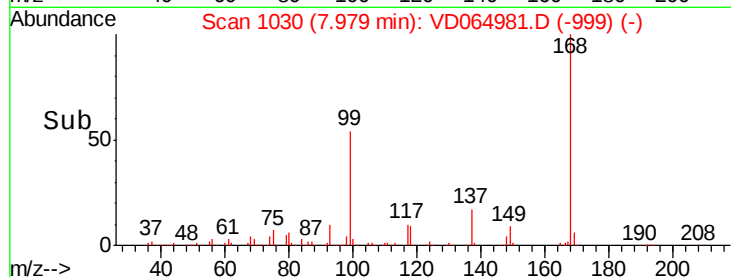
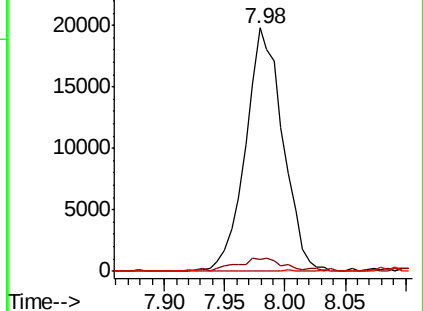
121 0.0 24.4 36.6#



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: 1.119 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

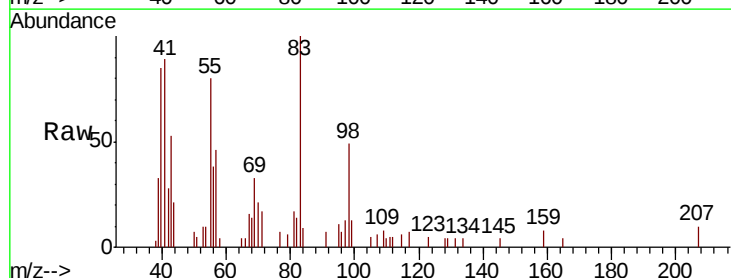
Tgt Ion: 83 Resp: 9325

Ion Ratio Lower Upper

83 100

55 67.0 58.7 88.1

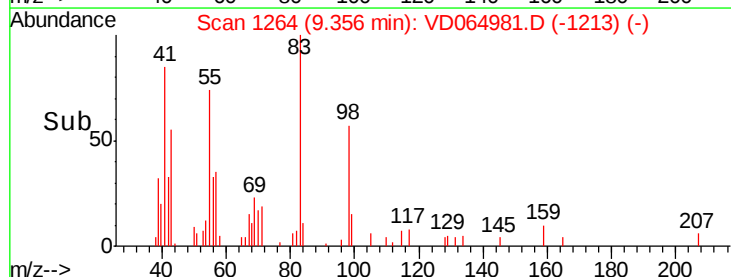
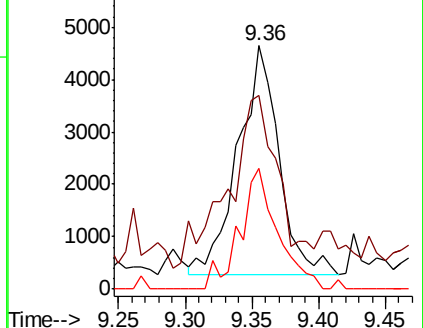
98 52.4 40.2 60.2

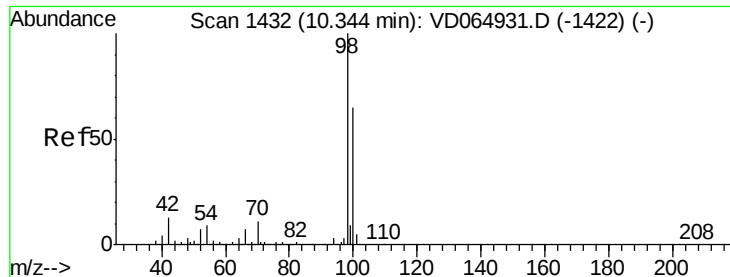


Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC





#50

Toluene-d8

Concen: 48.365 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

Instrument :

MSVOA_D

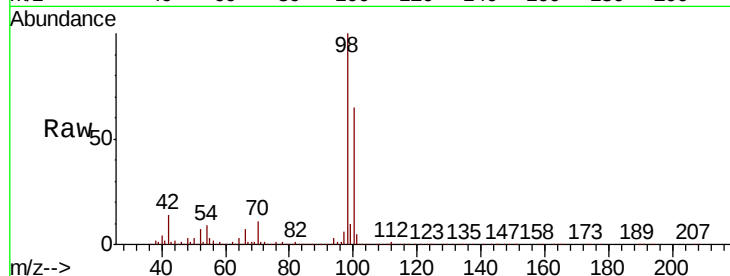
ClientSampled :

Tot Ion: 98 Resp: 867484

Ion Ratio Lower Upper

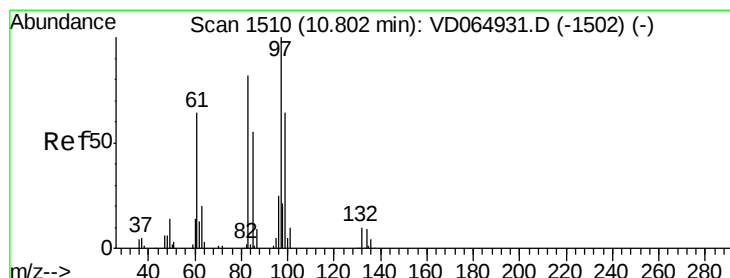
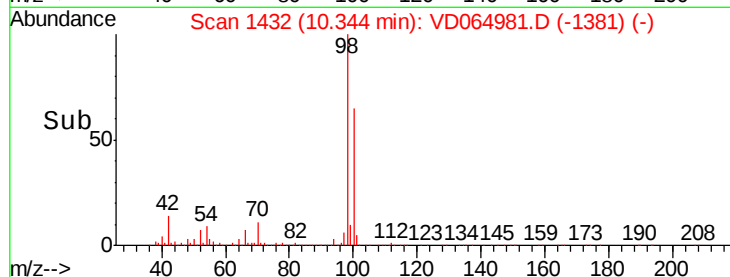
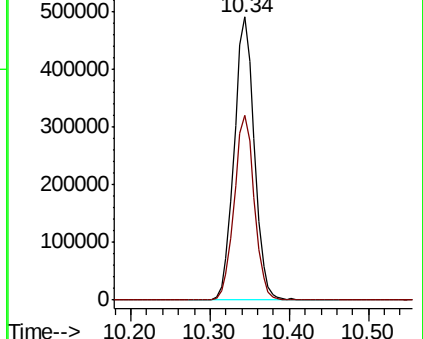
98 100

100 64.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#55

1,1,2-Trichloroethane

Concen: 4.163 ug/l

RT: 10.78 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

Tgt Ion: 97 Resp: 14575

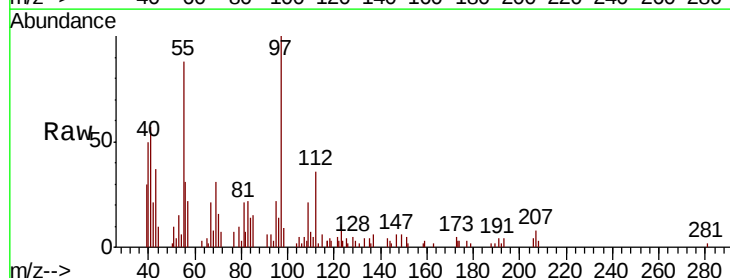
Ion Ratio Lower Upper

97 100

83 16.0 66.0 99.0#

85 13.3 44.4 66.6#

99 0.0 51.4 77.0#

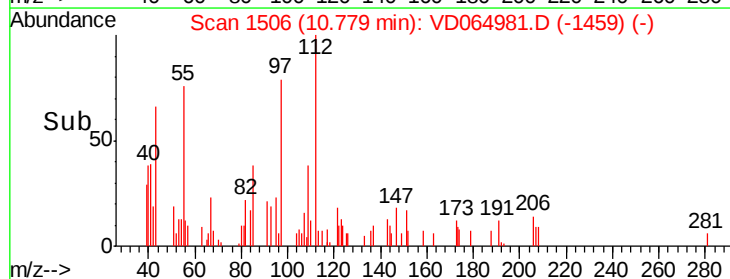
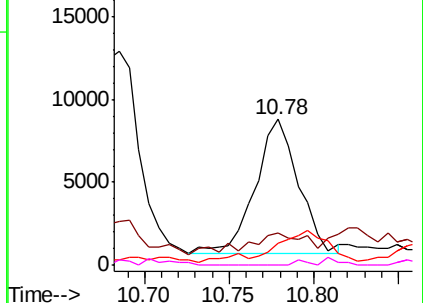


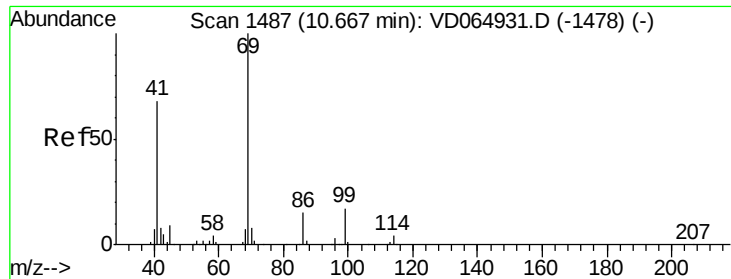
Abundance Ion 96.90 (96.60 to 97.60): VDC

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





#56

Ethyl methacrylate

Concen: 1.676 ug/l

RT: 10.68 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

Instrument :

MSVOA_D

ClientSampled :

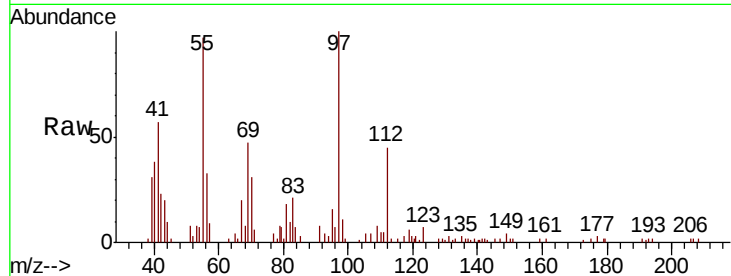
Tot Ion: 69 Resp: 7016

Ion Ratio Lower Upper

69 100

41 191.6 56.4 84.6#

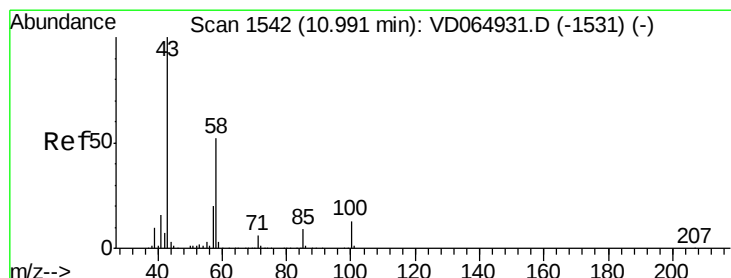
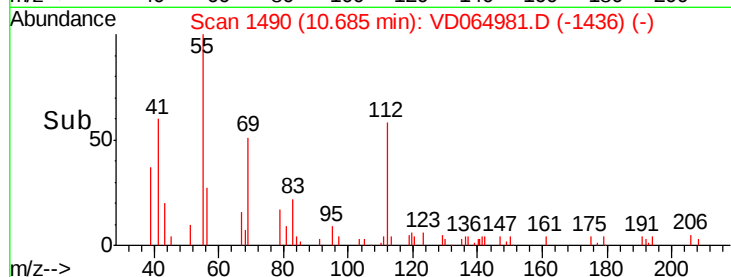
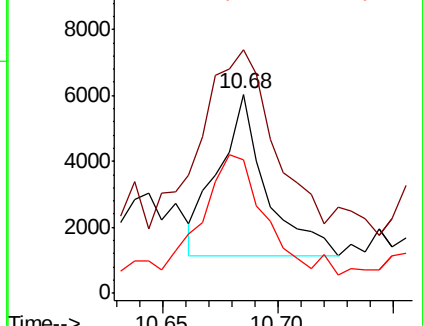
39 94.3 30.6 46.0#



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC



#59

2-Hexanone

Concen: 5.203 ug/l

RT: 10.96 min Scan# 1536

Delta R.T. -0.04 min

Lab File: VD064981.D

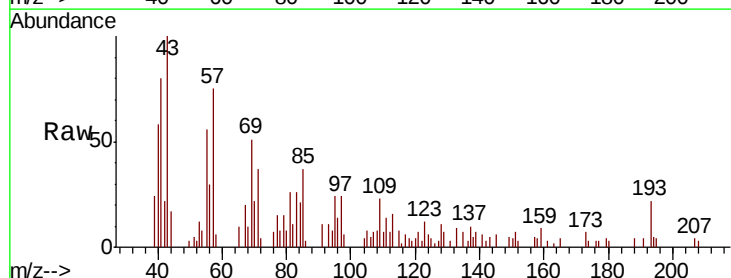
Acq: 28 Jan 2020 16:19

Tgt Ion: 43 Resp: 10048

Ion Ratio Lower Upper

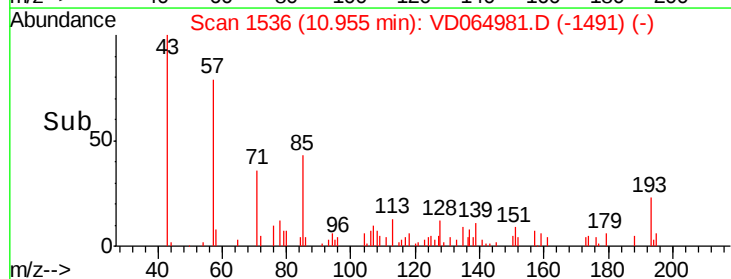
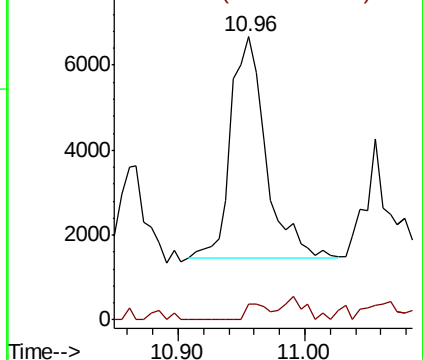
43 100

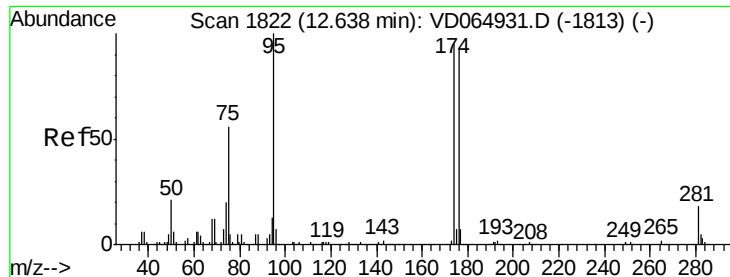
58 4.4 26.5 79.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

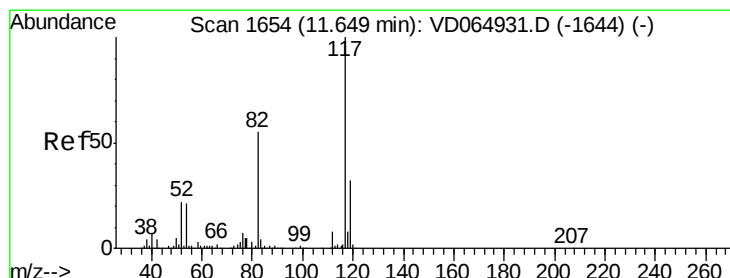
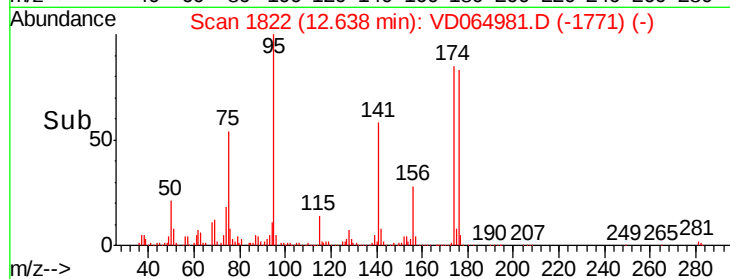
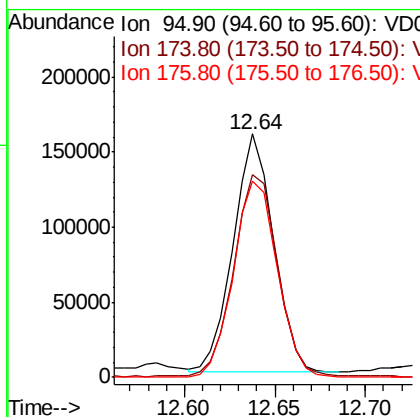
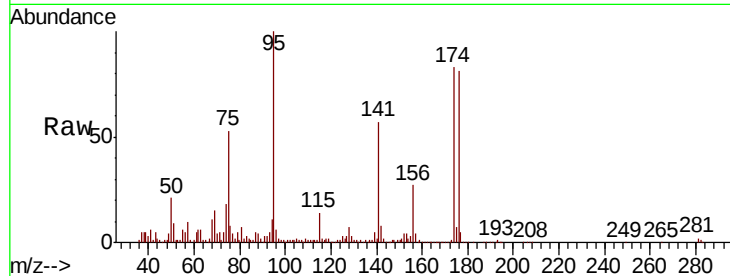




#62
4-Bromofluorobenzene
Concen: 44.723 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

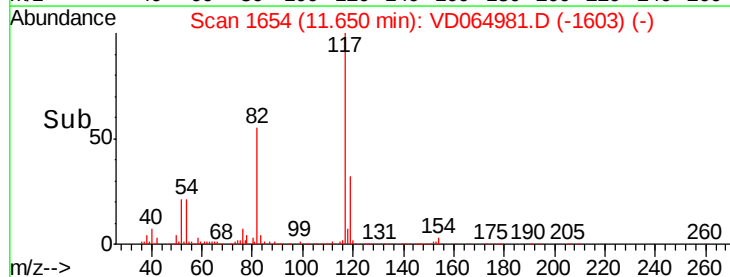
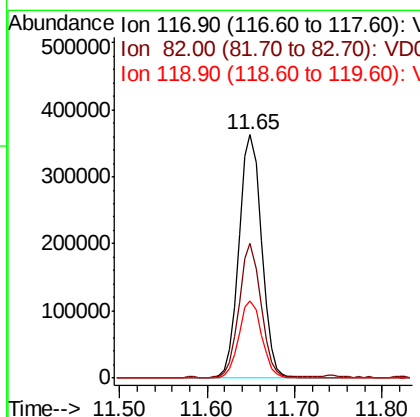
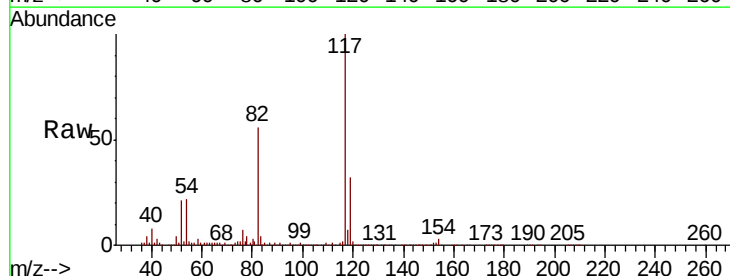
Instrument :
MSVOA_D
ClientSampled :

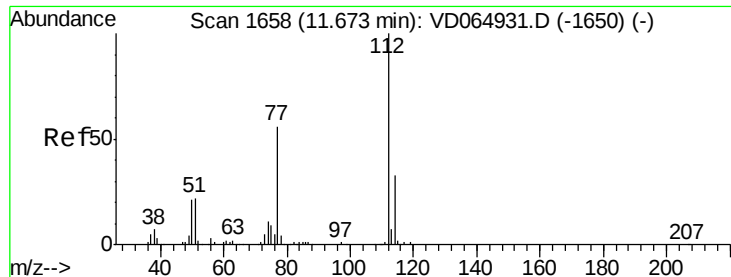
Tot Ion: 95 Resp: 245481
Ion Ratio Lower Upper
95 100
174 94.4 0.0 186.8
176 89.9 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Tgt Ion: 117 Resp: 627011
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 31.9 25.2 37.8

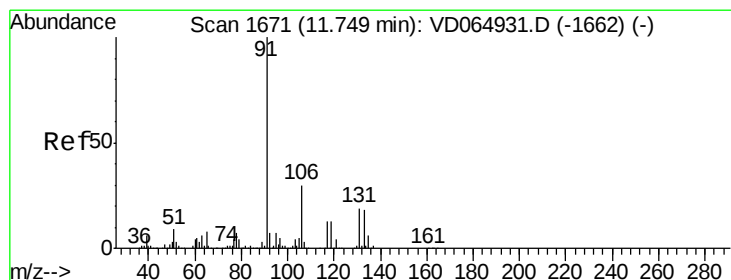
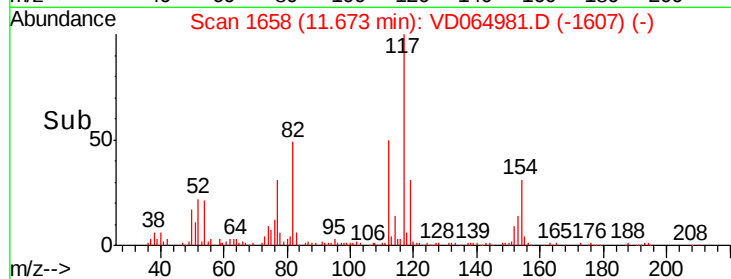
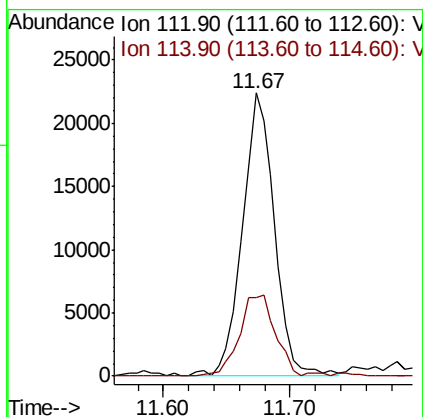
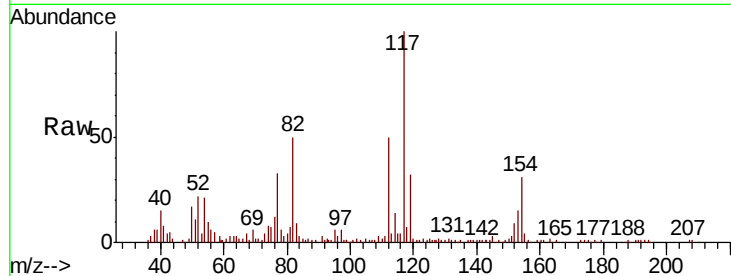




#65
Chlorobenzene
Concen: 3.078 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

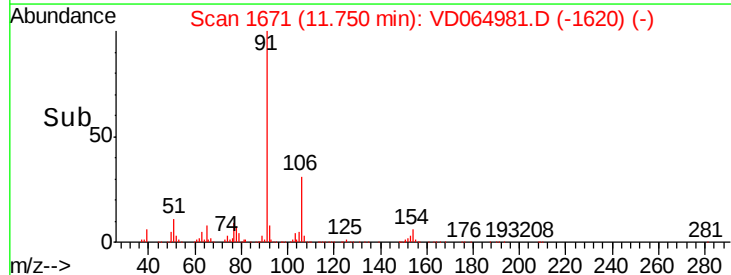
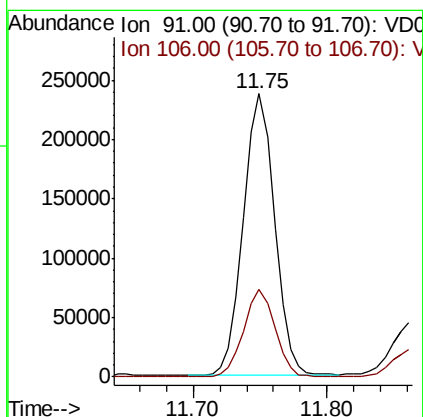
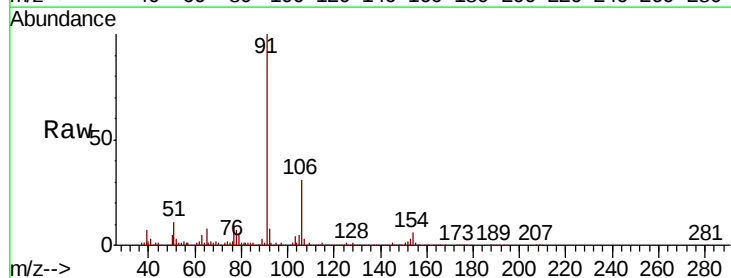
Instrument :
MSVOA_D
ClientSampleId :

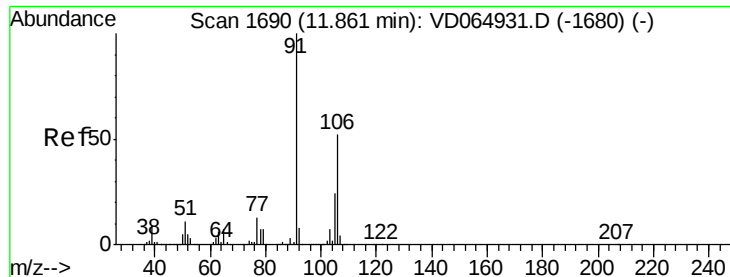
Tot Ion:112 Resp: 39188
Ion Ratio Lower Upper
112 100
114 27.7 26.2 39.4



#67
Ethyl Benzene
Concen: 17.088 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Tgt Ion: 91 Resp: 386205
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5

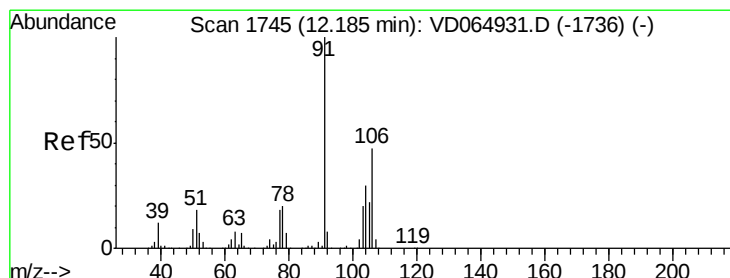
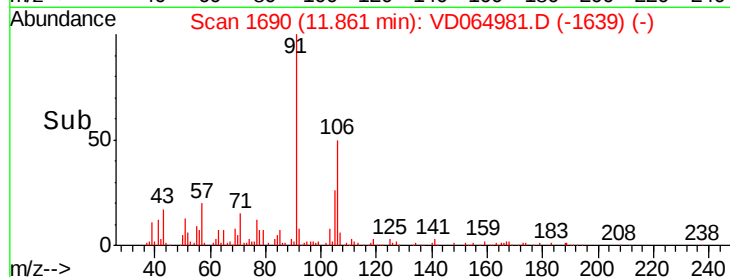
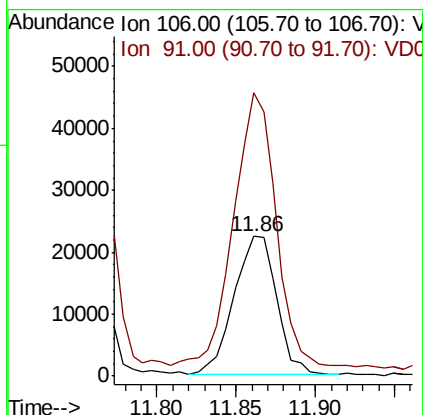
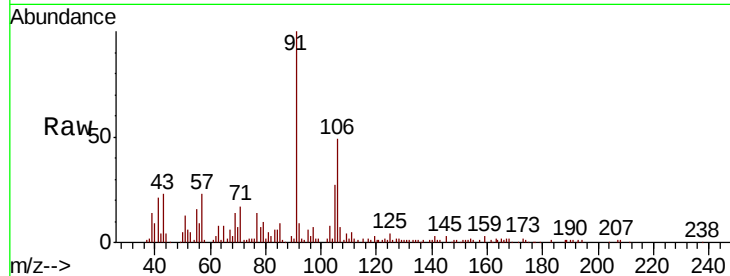




#68
m/p-Xylenes
Concen: 4.774 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

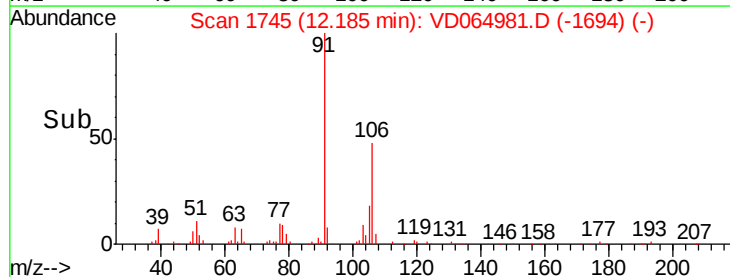
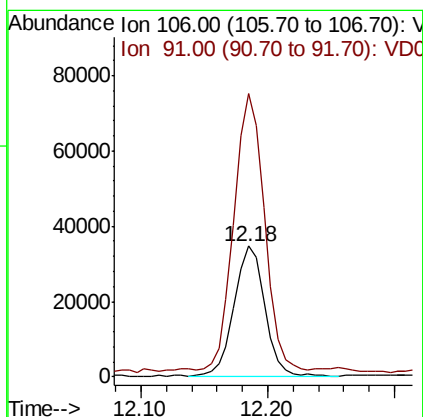
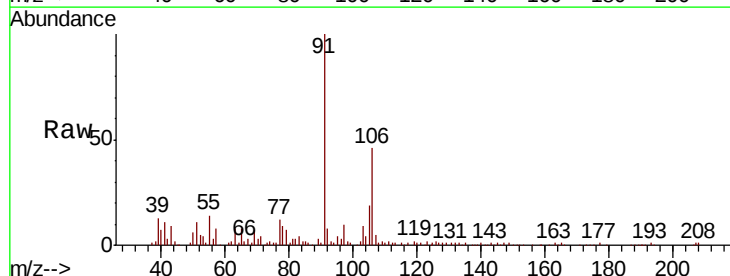
Instrument :
MSVOA_D
ClientSampleId :

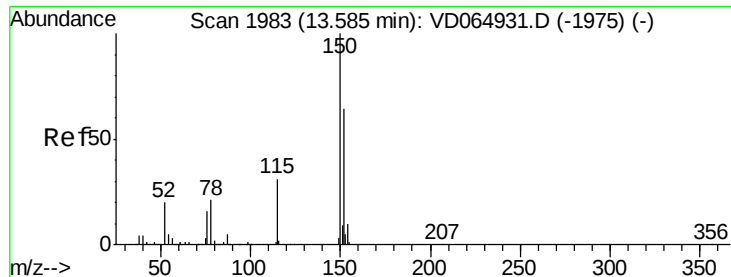
Tot Ion:106 Resp: 41546
Ion Ratio Lower Upper
106 100
91 201.5 159.0 238.4



#69
o-Xylene
Concen: 7.450 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Tgt Ion:106 Resp: 57536
Ion Ratio Lower Upper
106 100
91 214.3 106.7 319.9



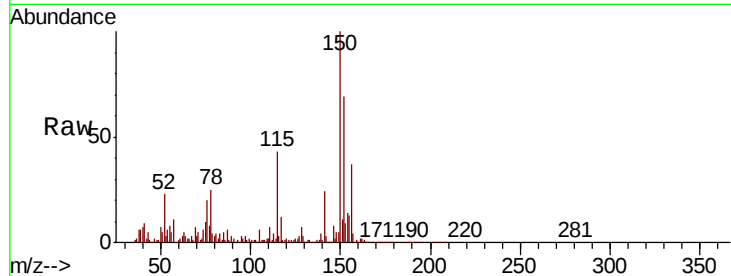


#72

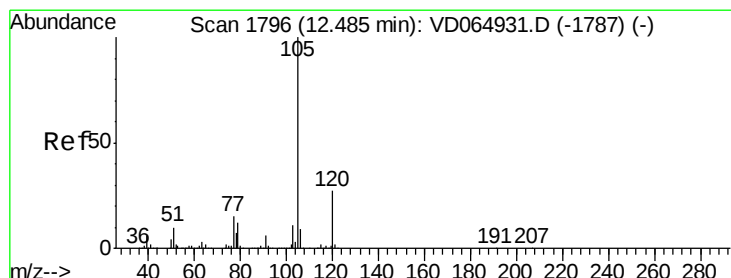
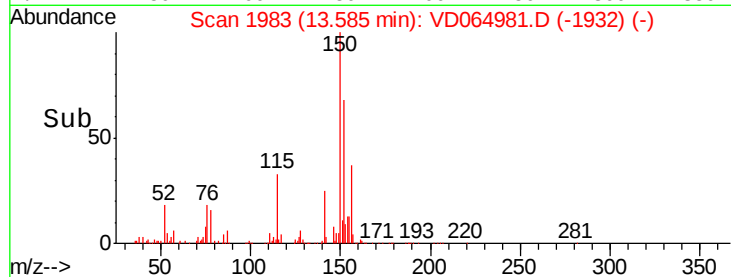
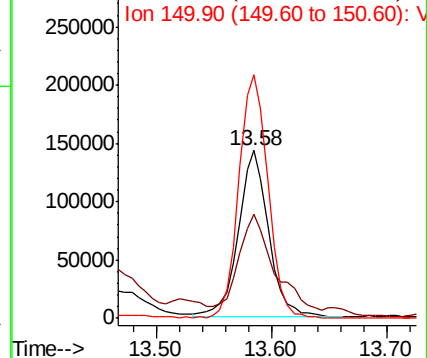
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.3	28.1	84.4
150	139.9	0.0	350.4



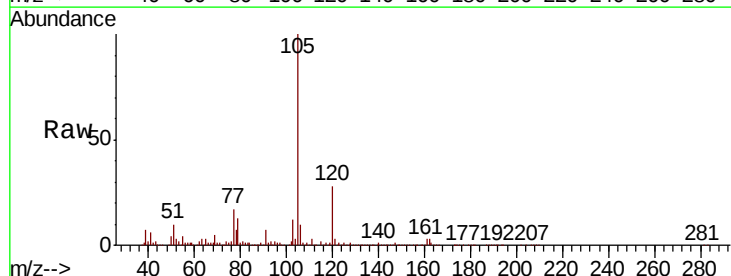
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



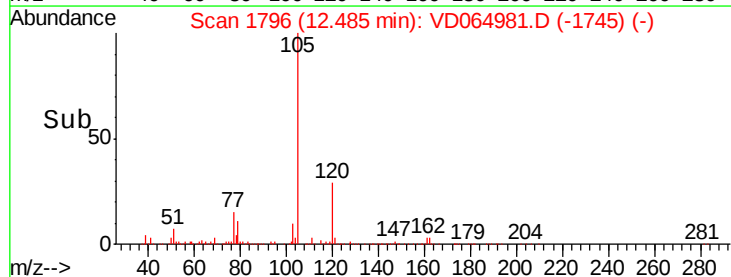
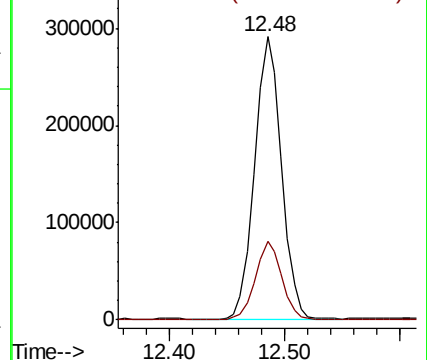
#73

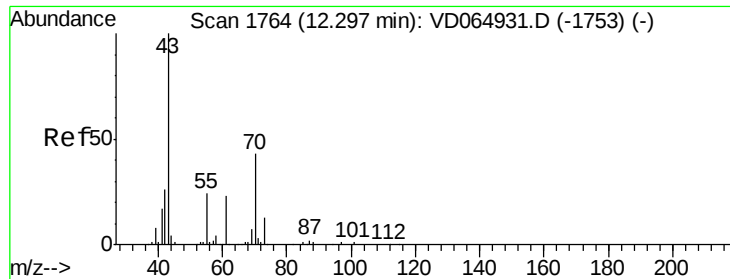
Isopropylbenzene
Concen: 26.492 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.3	39.8



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

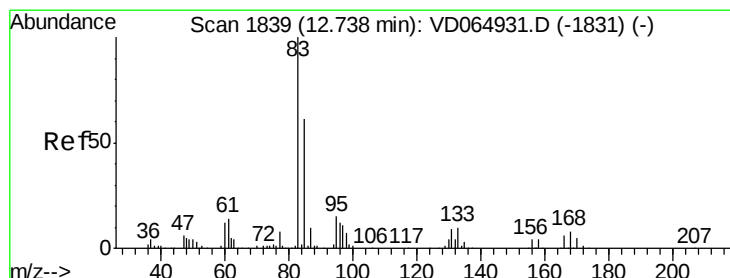
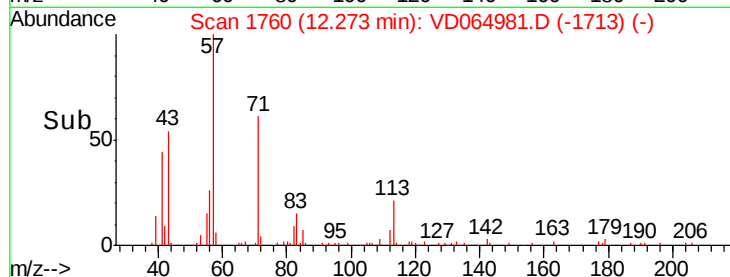
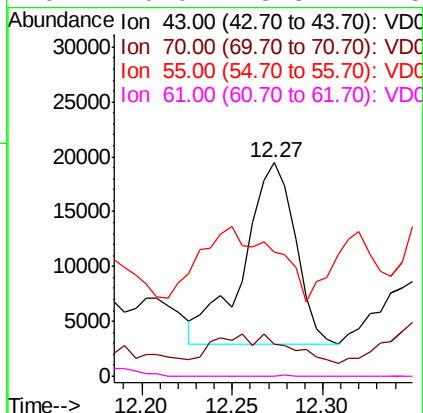
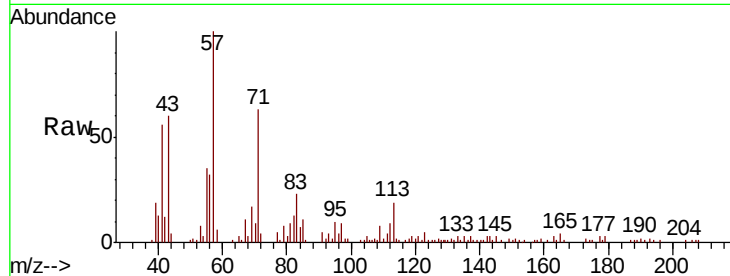




#74
N-amvl acetate
Concen: 8.206 ug/l
RT: 12.27 min Scan# 1760
Delta R.T. -0.02 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

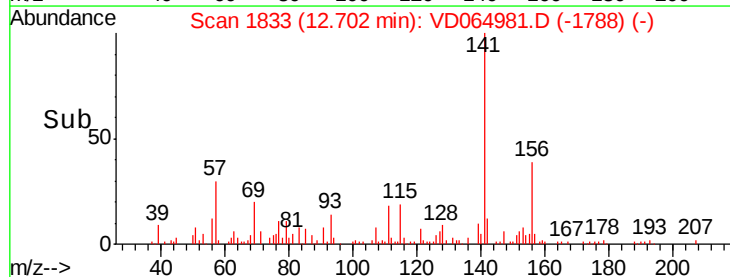
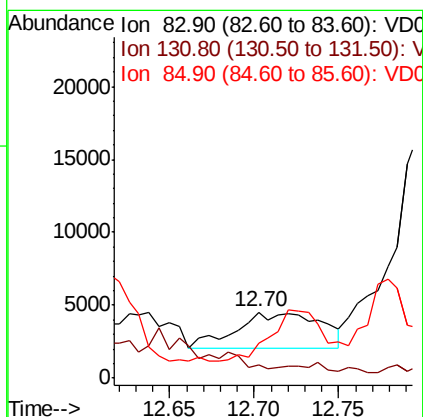
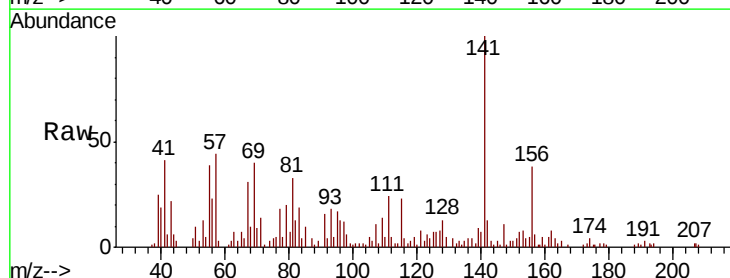
Instrument :
MSVOA_D
ClientSampled :

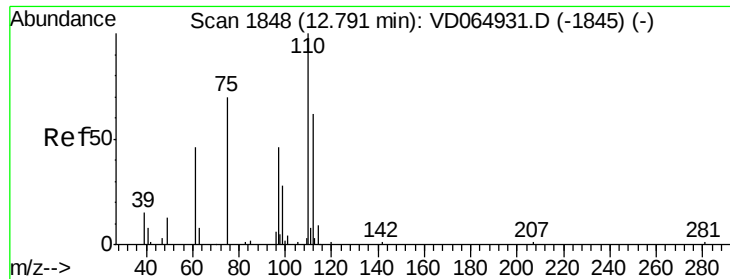
Tot Ion: 43 Resp: 32677
Ion Ratio Lower Upper
43 100
70 22.0 32.6 49.0#
55 0.0 19.9 29.9#
61 0.0 18.3 27.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.803 ug/l
RT: 12.70 min Scan# 1833
Delta R.T. -0.04 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Tgt Ion: 83 Resp: 8385
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 0.0 31.6 94.7#

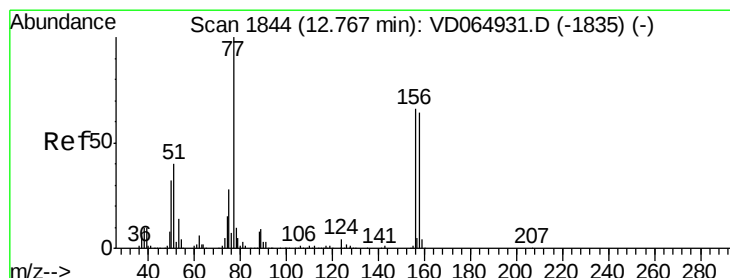
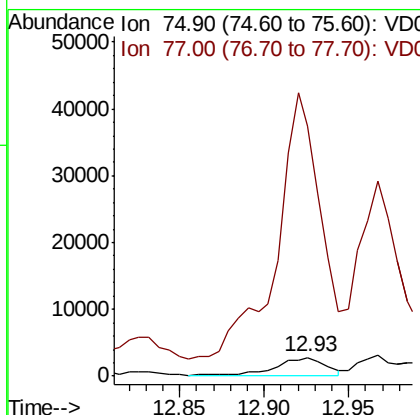
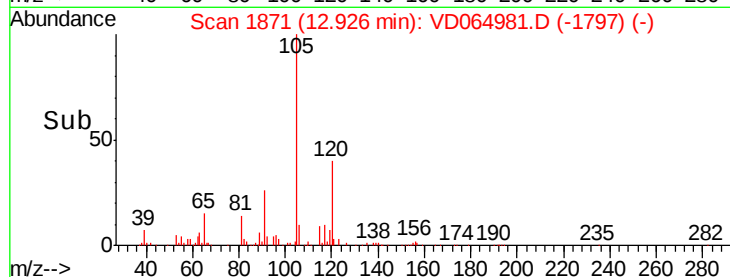
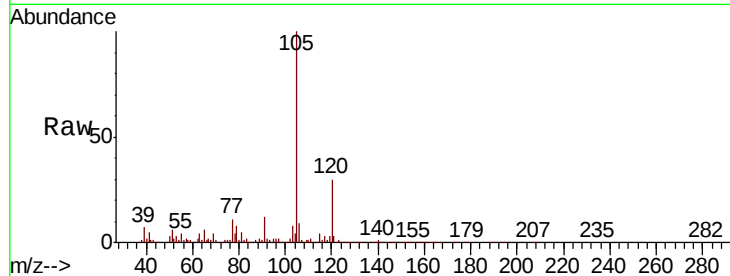




#76
 1,2,3-Trichloropropane
 Concen: 2.718 ug/l
 RT: 12.93 min Scan# 1871
 Delta R.T. 0.14 min
 Lab File: VD064981.D
 Acq: 28 Jan 2020 16:19

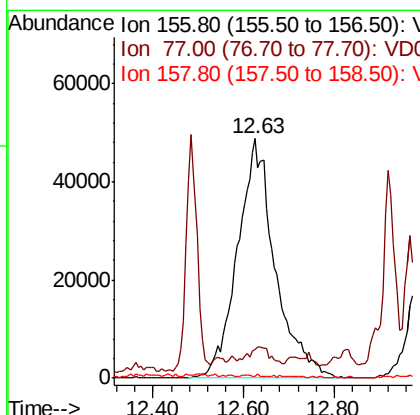
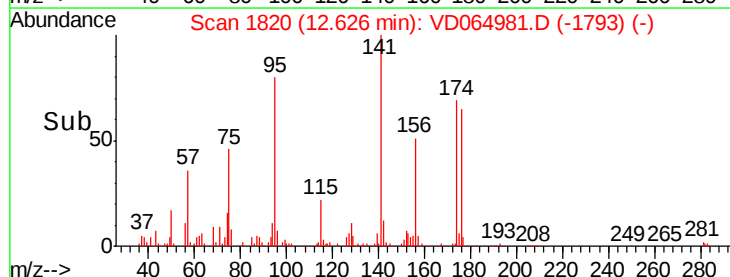
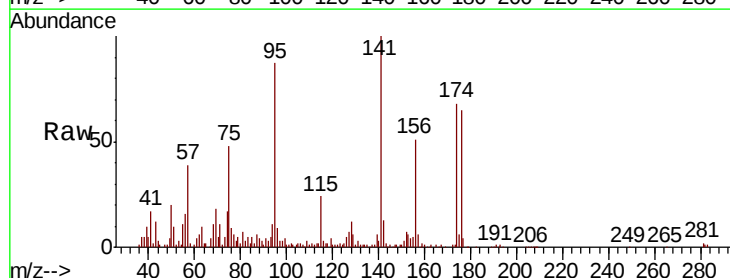
Instrument :
 MSVOA_D
 ClientSampleID :

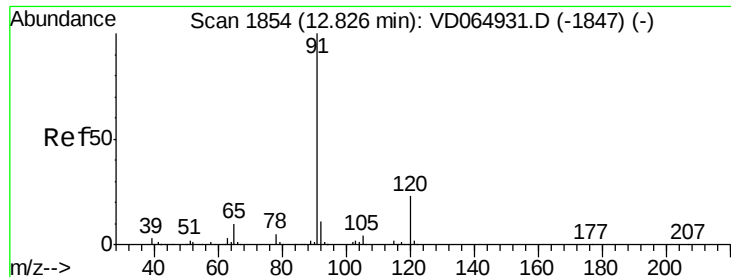
Tot Ion: 75 Resp: 5875
 Ion Ratio Lower Upper
 75 100
 77 1215.3 0.0 0.0#



#77
 Bromobenzene
 Concen: 64.119 ug/l
 RT: 12.63 min Scan# 1820
 Delta R.T. -0.14 min
 Lab File: VD064981.D
 Acq: 28 Jan 2020 16:19

Tgt Ion: 156 Resp: 279191
 Ion Ratio Lower Upper
 156 100
 77 3.8 84.2 252.5#
 158 0.0 48.1 144.4#





#78

n-propylbenzene

Concen: 6.331 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

Instrument :

MSVOA_D

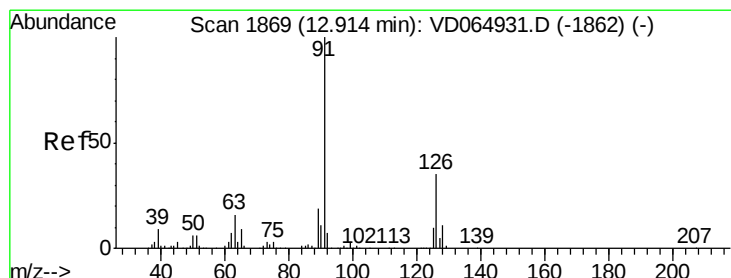
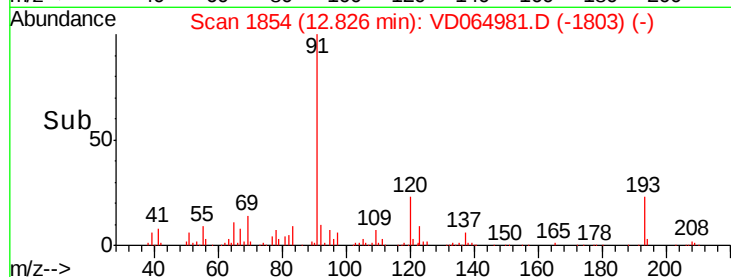
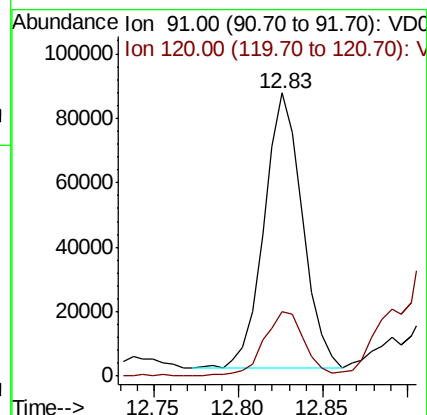
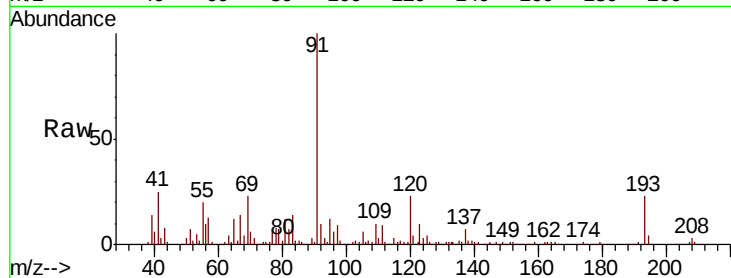
ClientSampleId :

Tot Ion: 91 Resp: 133980

Ion Ratio Lower Upper

91 100

120 24.0 11.7 35.1



#79

2-Chlorotoluene

Concen: 6.534 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VD064981.D

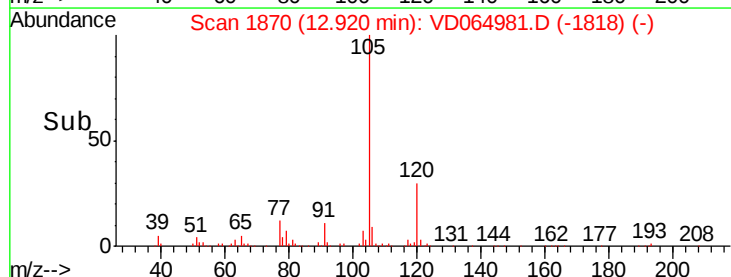
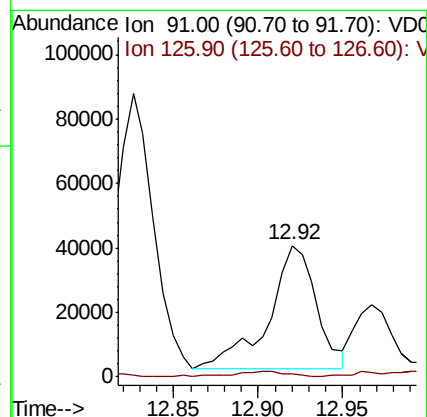
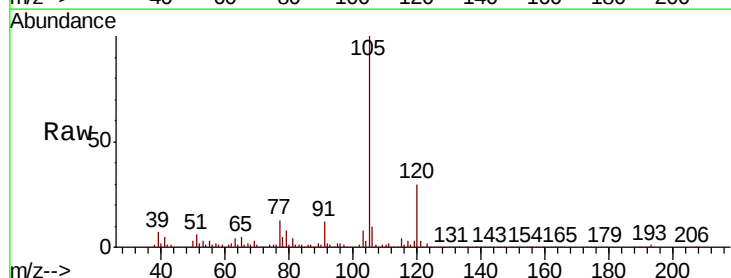
Acq: 28 Jan 2020 16:19

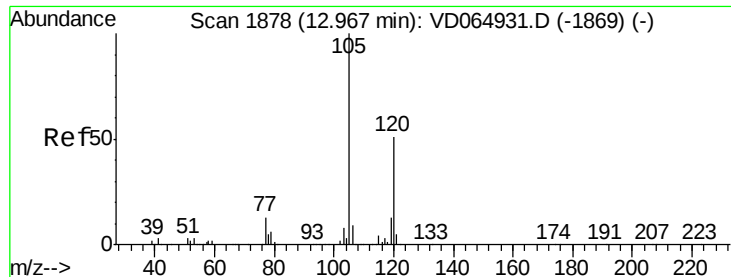
Tgt Ion: 91 Resp: 75859

Ion Ratio Lower Upper

91 100

126 4.6 17.9 53.8#

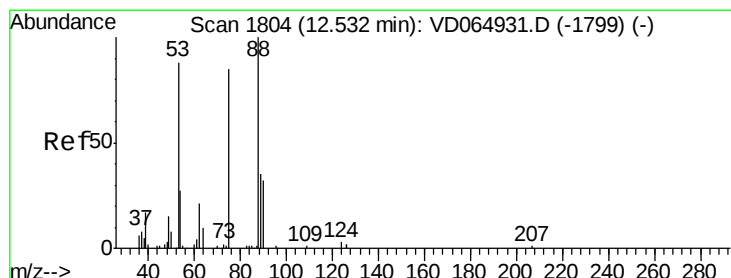
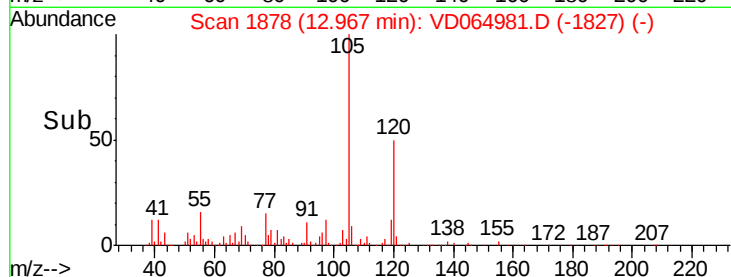
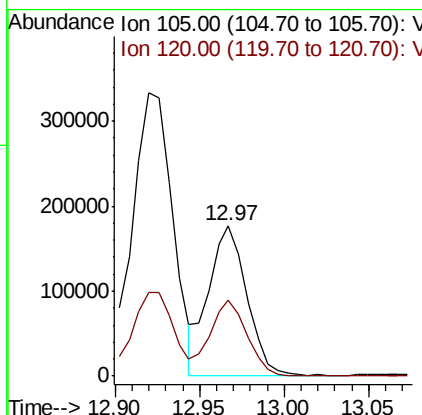
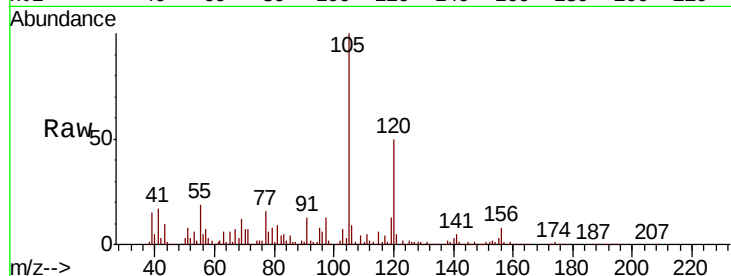




#80
 1,3,5-Trimethylbenzene
 Concen: 18.873 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD064981.D
 Acq: 28 Jan 2020 16:19

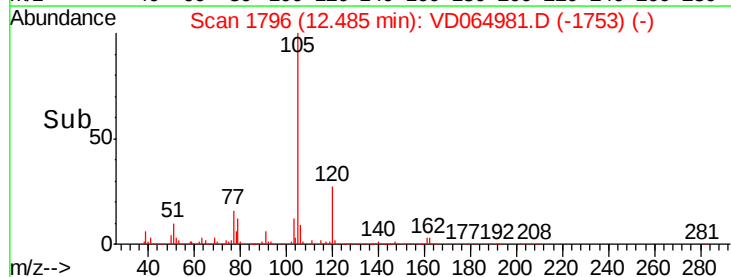
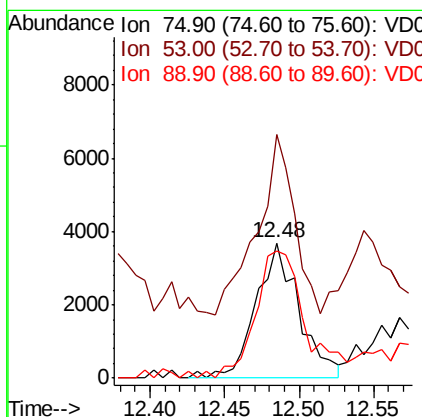
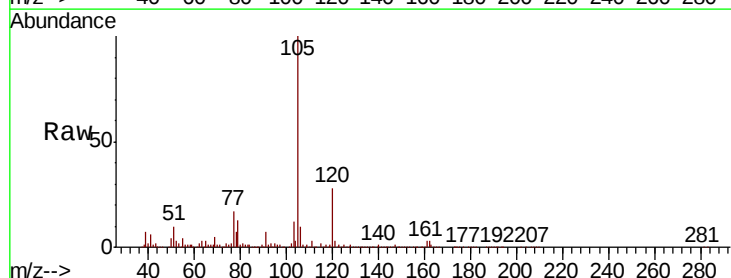
Instrument :
 MSVOA_D
 ClientSampleID :

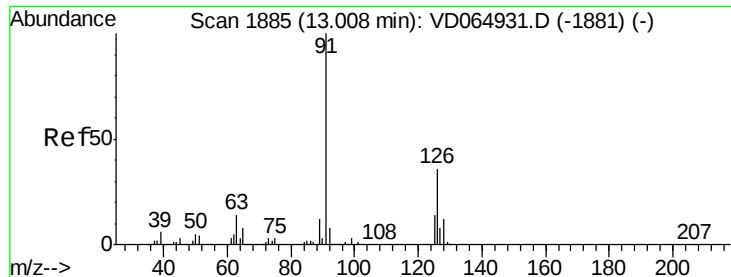
Tot Ion:105 Resp: 275242
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.299 ug/l
 RT: 12.48 min Scan# 1796
 Delta R.T. -0.05 min
 Lab File: VD064981.D
 Acq: 28 Jan 2020 16:19

Tgt Ion: 75 Resp: 7388
 Ion Ratio Lower Upper
 75 100
 53 114.1 81.0 121.4
 89 108.5 36.2 54.4#

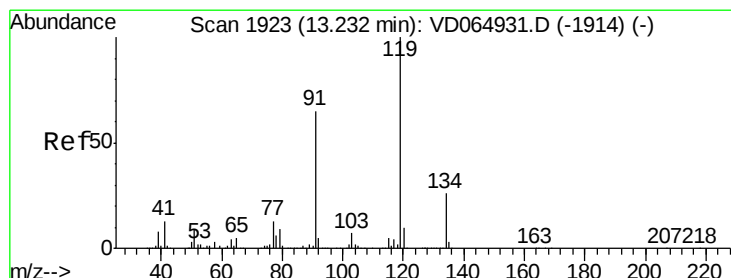
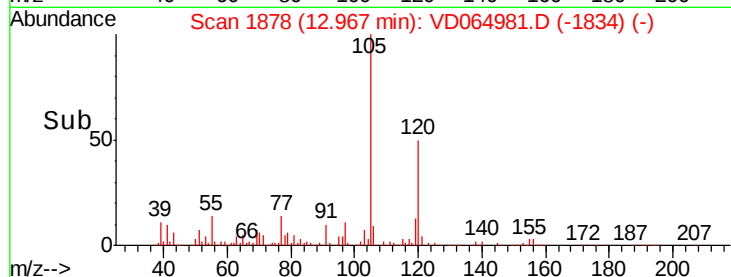
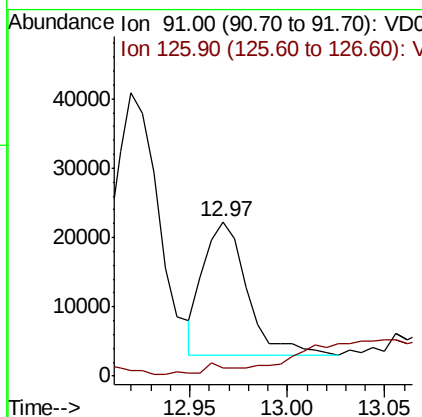
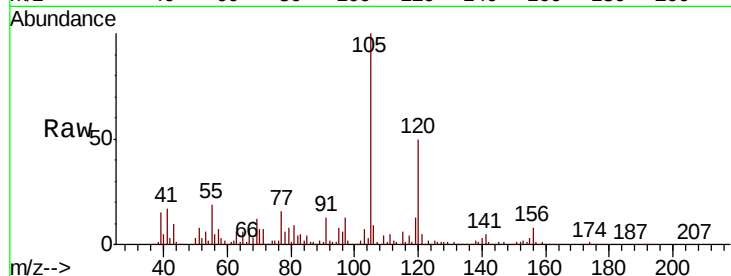




#82
4-Chlorotoluene
Concen: 2.413 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.04 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

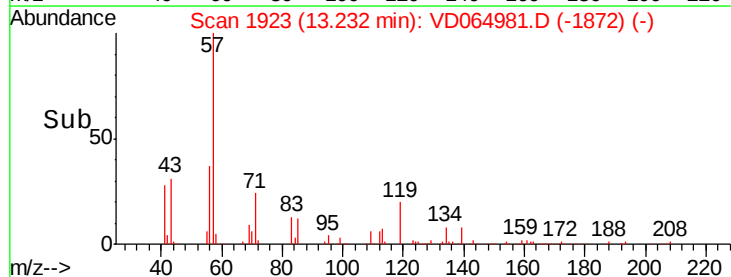
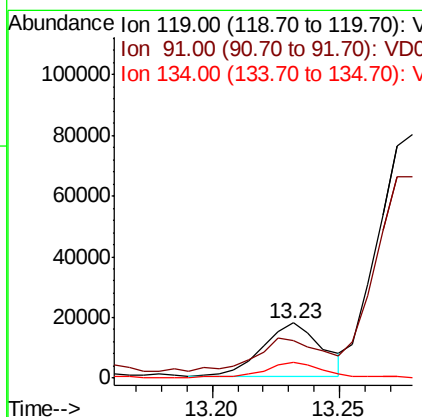
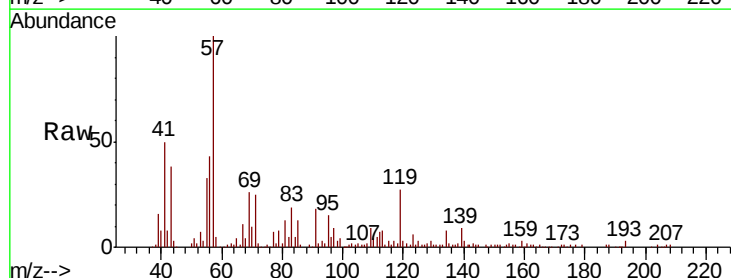
Instrument :
MSVOA_D
ClientSampled :

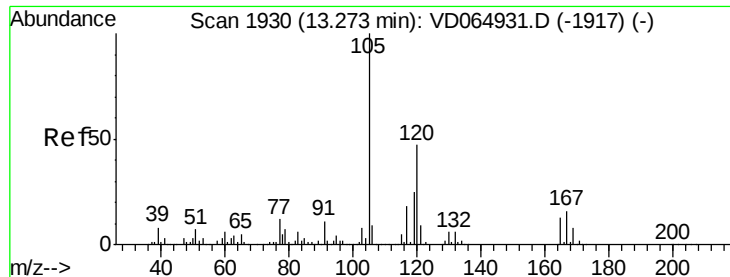
Tot Ion: 91 Resp: 29709
Ion Ratio Lower Upper
91 100
126 4.7 18.0 54.0#



#83
tert-Butylbenzene
Concen: 2.336 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Tgt Ion: 119 Resp: 28910
Ion Ratio Lower Upper
119 100
91 67.5 32.0 96.0
134 28.3 13.9 41.6

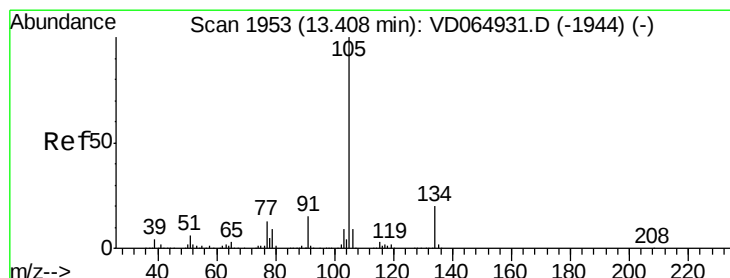
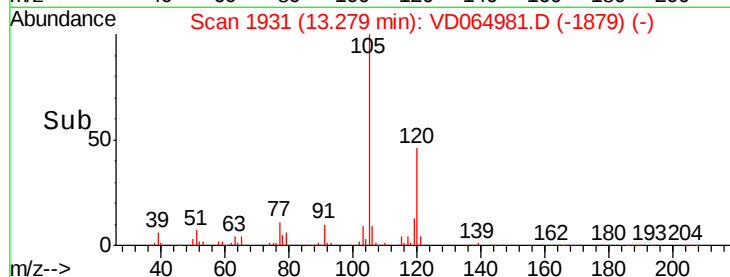
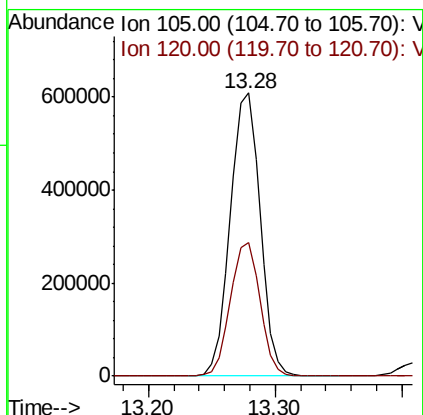
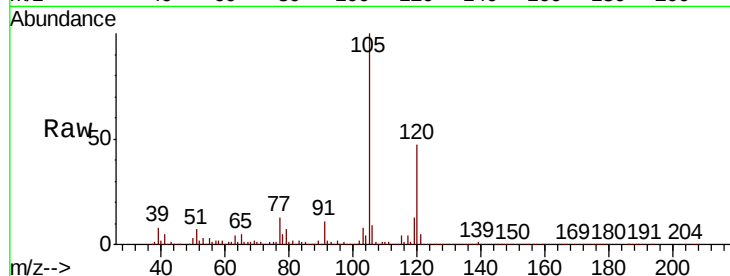




#84
1,2,4-Trimethylbenzene
Concen: 66.751 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

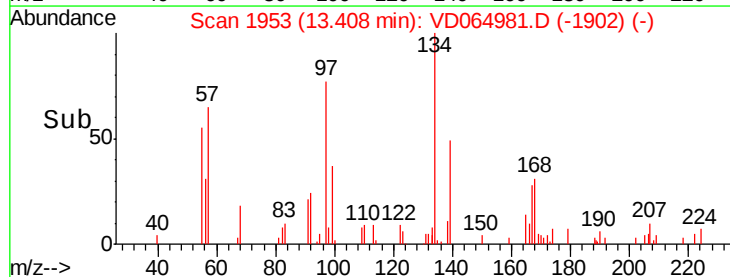
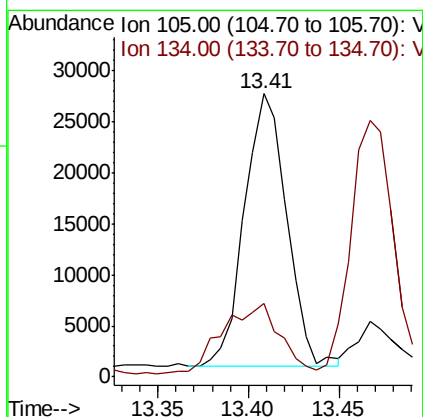
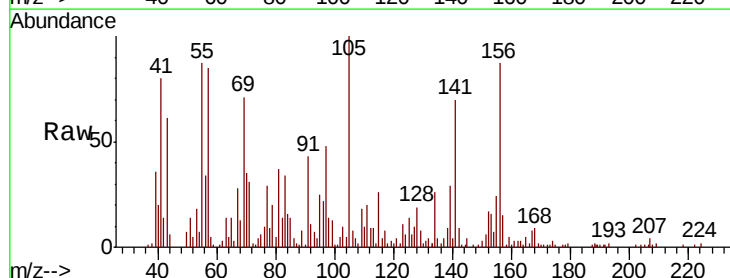
Instrument :
MSVOA_D
ClientSampleId :

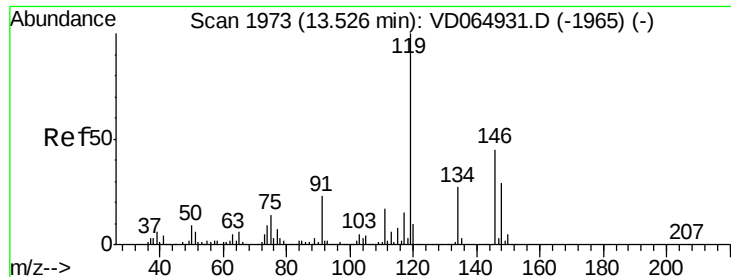
Tot Ion:105 Resp: 986160
Ion Ratio Lower Upper
105 100
120 47.3 23.1 69.3



#85
sec-Butylbenzene
Concen: 2.483 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Tgt Ion:105 Resp: 43515
Ion Ratio Lower Upper
105 100
134 35.5 10.4 31.4#

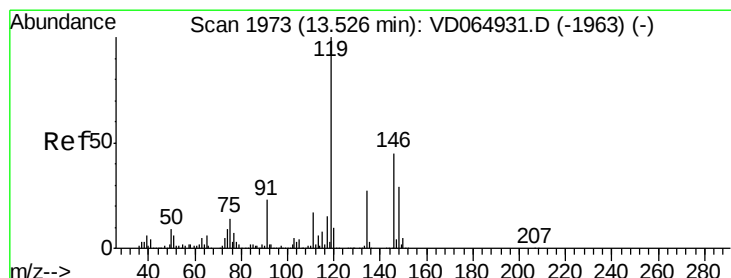
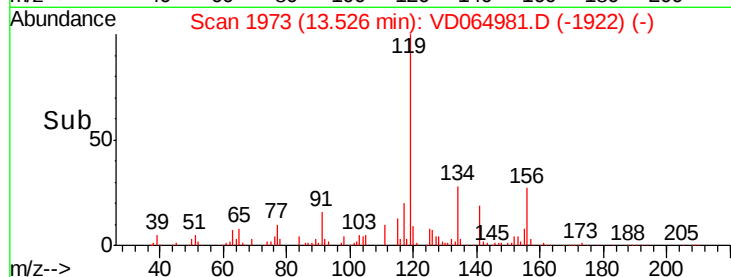
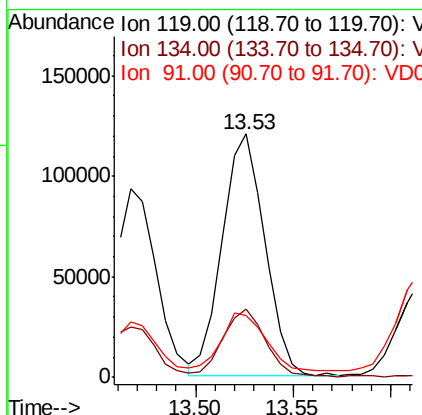
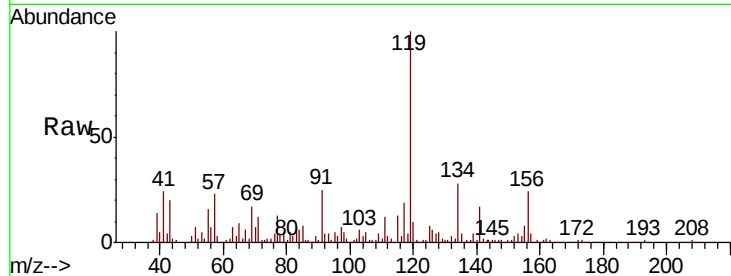




#86
 p-Isopropyltoluene
 Concen: 11.057 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064981.D
 Acq: 28 Jan 2020 16:19

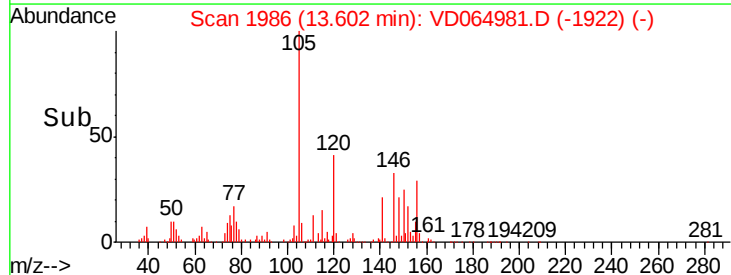
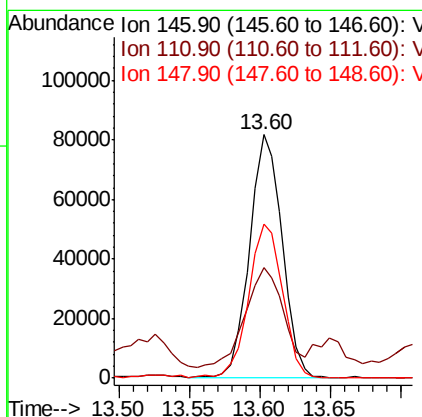
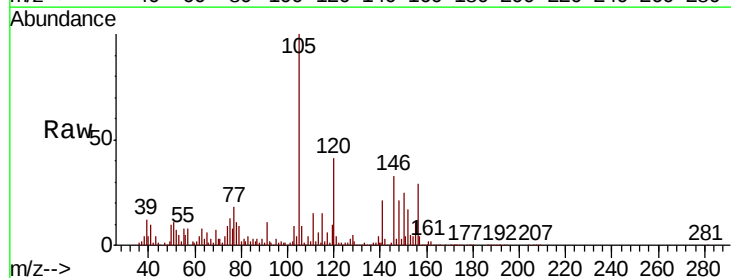
Instrument :
 MSVOA_D
 ClientSampleId :

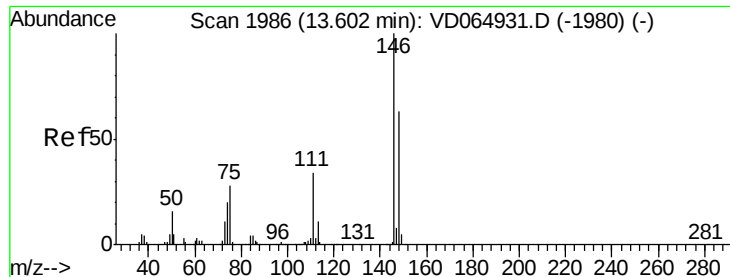
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.3	39.9
91	24.4	11.4	34.2



#87
 1,3-Dichlorobenzene
 Concen: 15.970 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.08 min
 Lab File: VD064981.D
 Acq: 28 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.5	18.9	56.9
148	65.4	32.6	97.7





#88

1,4-Dichlorobenzene

Concen: 16.091 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD064981.D

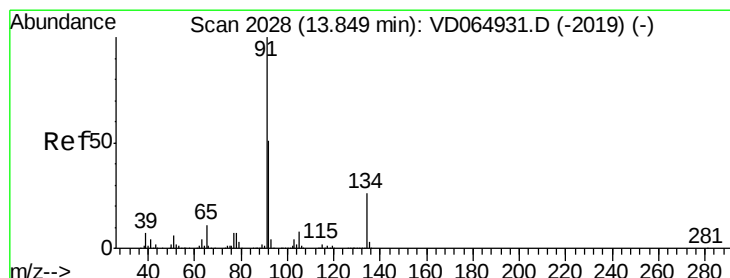
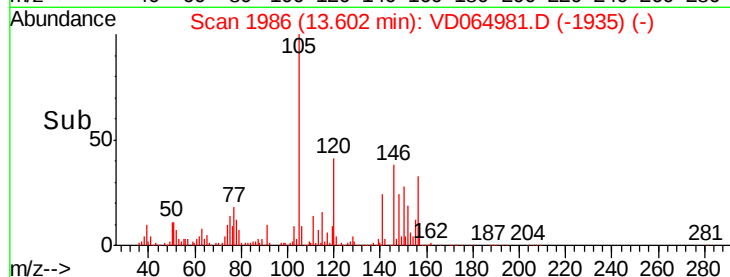
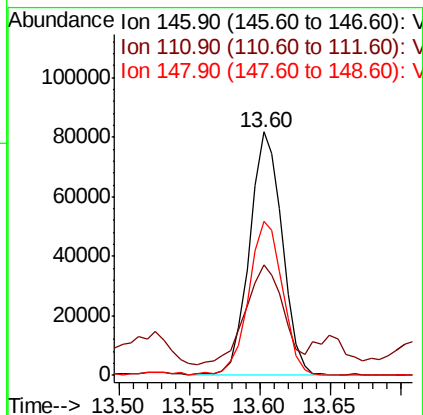
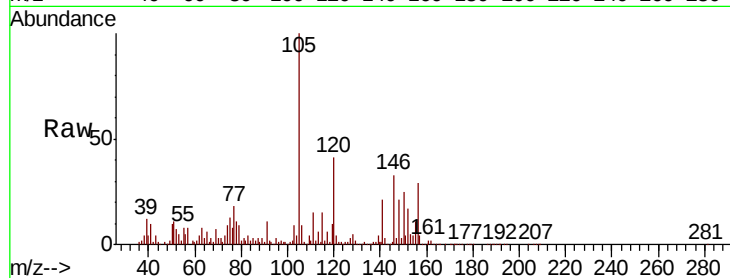
Acq: 28 Jan 2020 16:19

Instrument :

MSVOA_D

ClientSampled :

Tot Ion:	146	Resp:	133425
Ion	Ratio	Lower	Upper
146	100		
111	47.5	18.2	54.6
148	65.4	32.0	96.0



#89

n-Butylbenzene

Concen: 94.258 ug/l

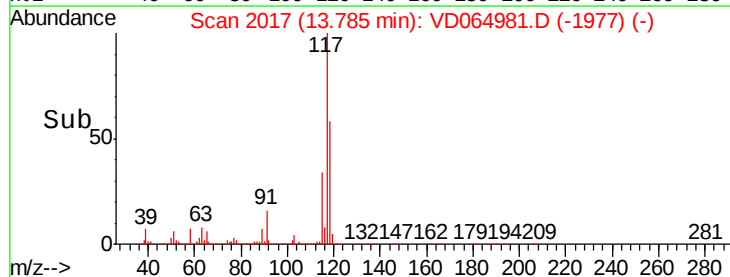
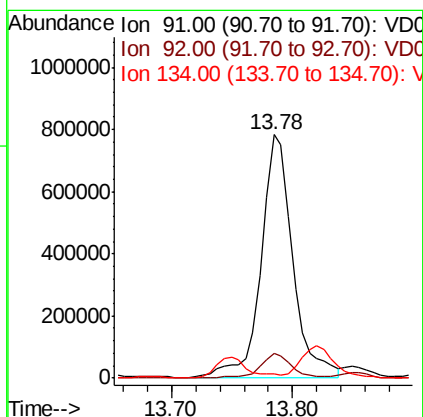
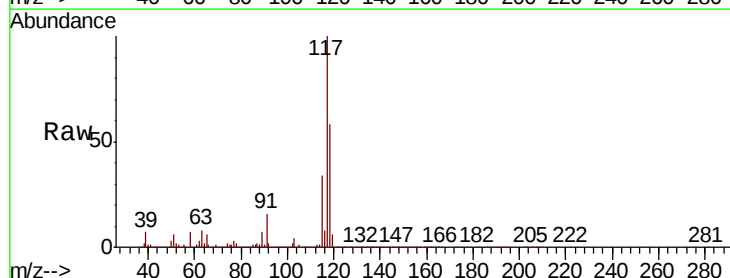
RT: 13.78 min Scan# 2017

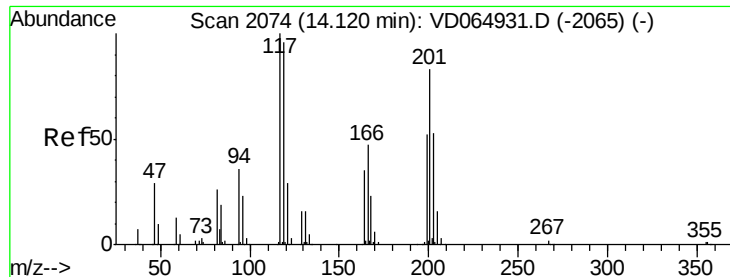
Delta R.T. -0.06 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

Tgt Ion:	91	Resp:	1410554
Ion	Ratio	Lower	Upper
91	100		
92	10.0	26.4	79.0#
134	0.0	13.3	39.9#

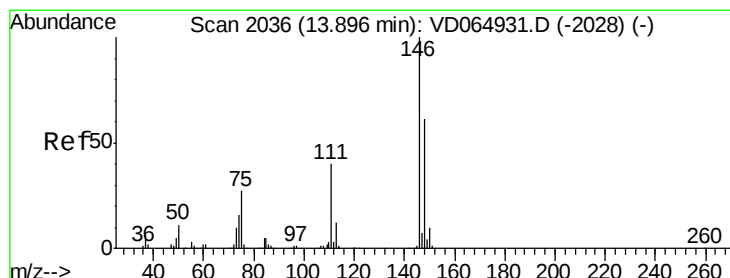
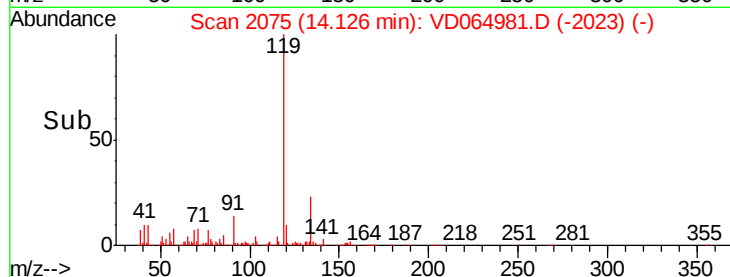
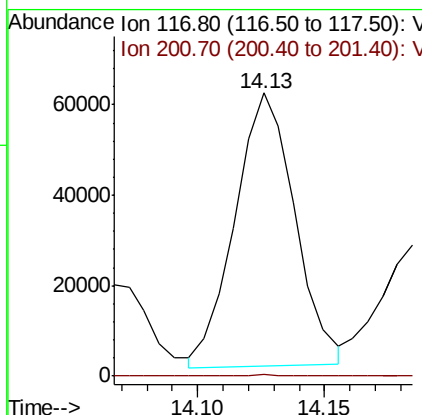
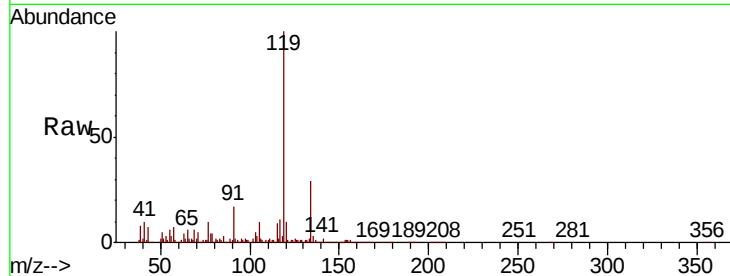




#90
Hexachloroethane
Concen: 31.482 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

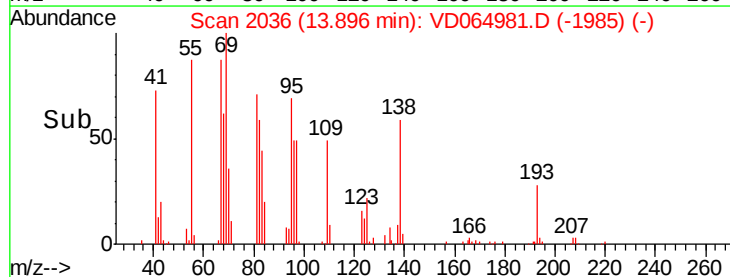
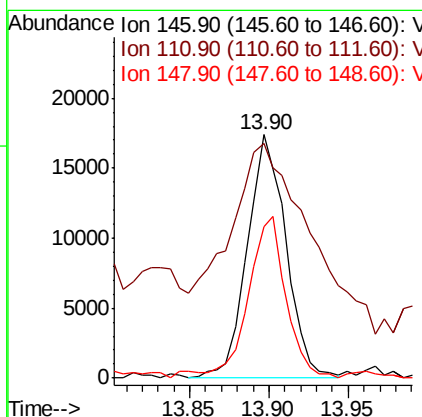
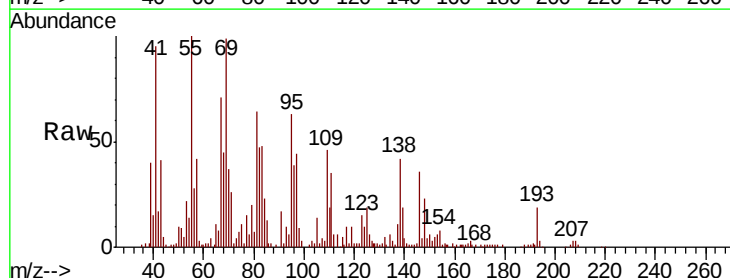
Instrument :
MSVOA_D
ClientSampleId :

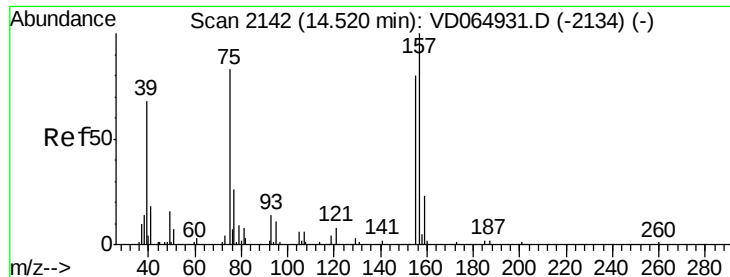
Tot Ion:117 Resp: 99552
Ion Ratio Lower Upper
117 100
201 0.2 41.1 123.3#



#91
1,2-Dichlorobenzene
Concen: 4.182 ug/l
RT: 13.90 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VD064981.D
Acq: 28 Jan 2020 16:19

Tgt Ion:146 Resp: 29660
Ion Ratio Lower Upper
146 100
111 162.0 19.4 58.2#
148 63.4 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.293 ug/l

RT: 14.53 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

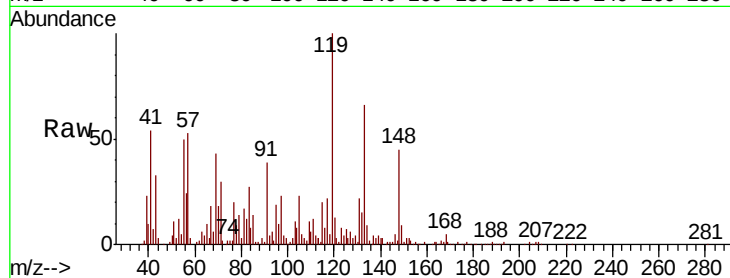
Tot Ion: 75 Resp: 2055

Ion Ratio Lower Upper

75 100

155 0.0 44.9 134.7#

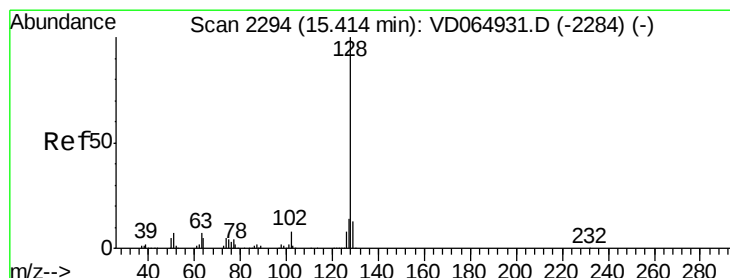
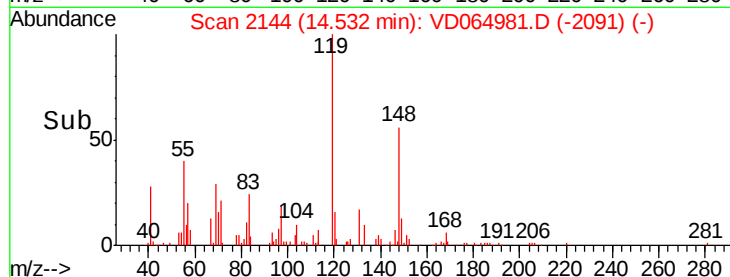
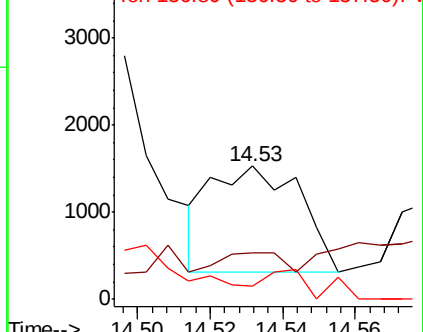
157 0.0 58.9 176.6#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 1580.113 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064981.D

Acq: 28 Jan 2020 16:19

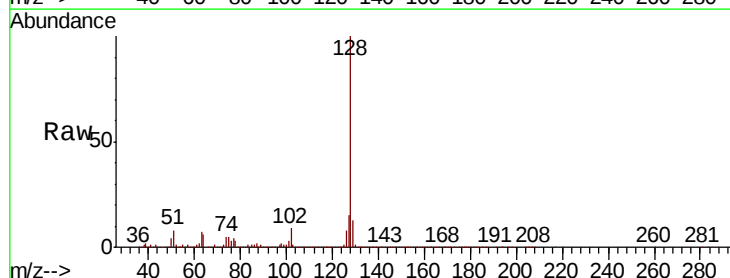
Tgt Ion: 128 Resp: 12513070

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

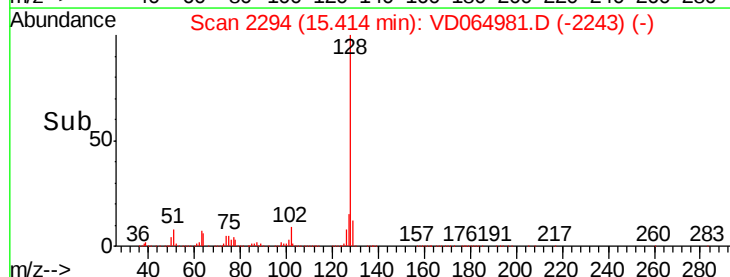
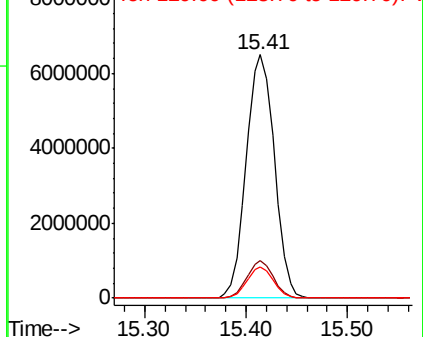
129 11.9 9.3 13.9

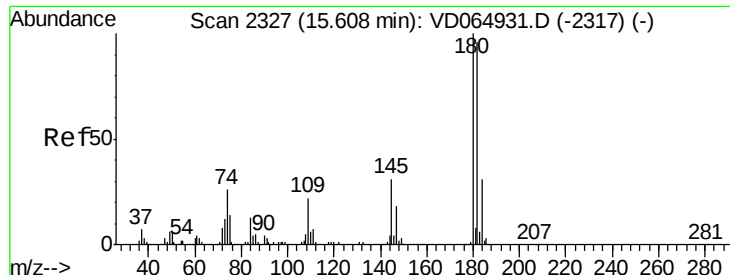


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

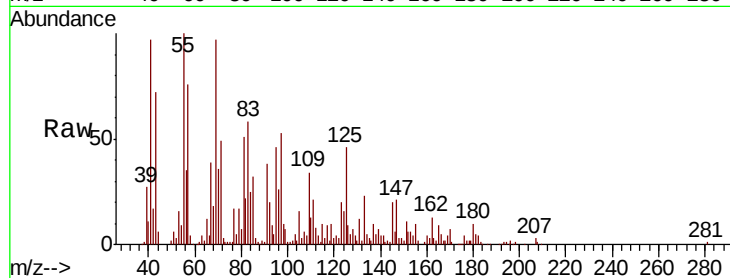




#96
 1,2,3-Trichlorobenzene
 Concen: 1.364 ug/l
 RT: 15.63 min Scan# 2331
 Delta R.T. 0.02 min
 Lab File: VD064981.D
 Acq: 28 Jan 2020 16:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	70.4	47.3	141.8
145	0.0	14.6	43.8#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

