

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064945.D
 Acq On : 24 Jan 2020 16:11
 Operator : VA/SY
 Sample : L1243-06RE
 Misc : 8.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 25 02:39:21 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	468525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	741592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	675879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293189	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	200946	44.71	ug/l	0.00
Spiked Amount			Recovery	=	89.42%	
35) Dibromofluoromethane	7.92	113	216340	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
50) Toluene-d8	10.34	98	901026	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.64	95	274861	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	

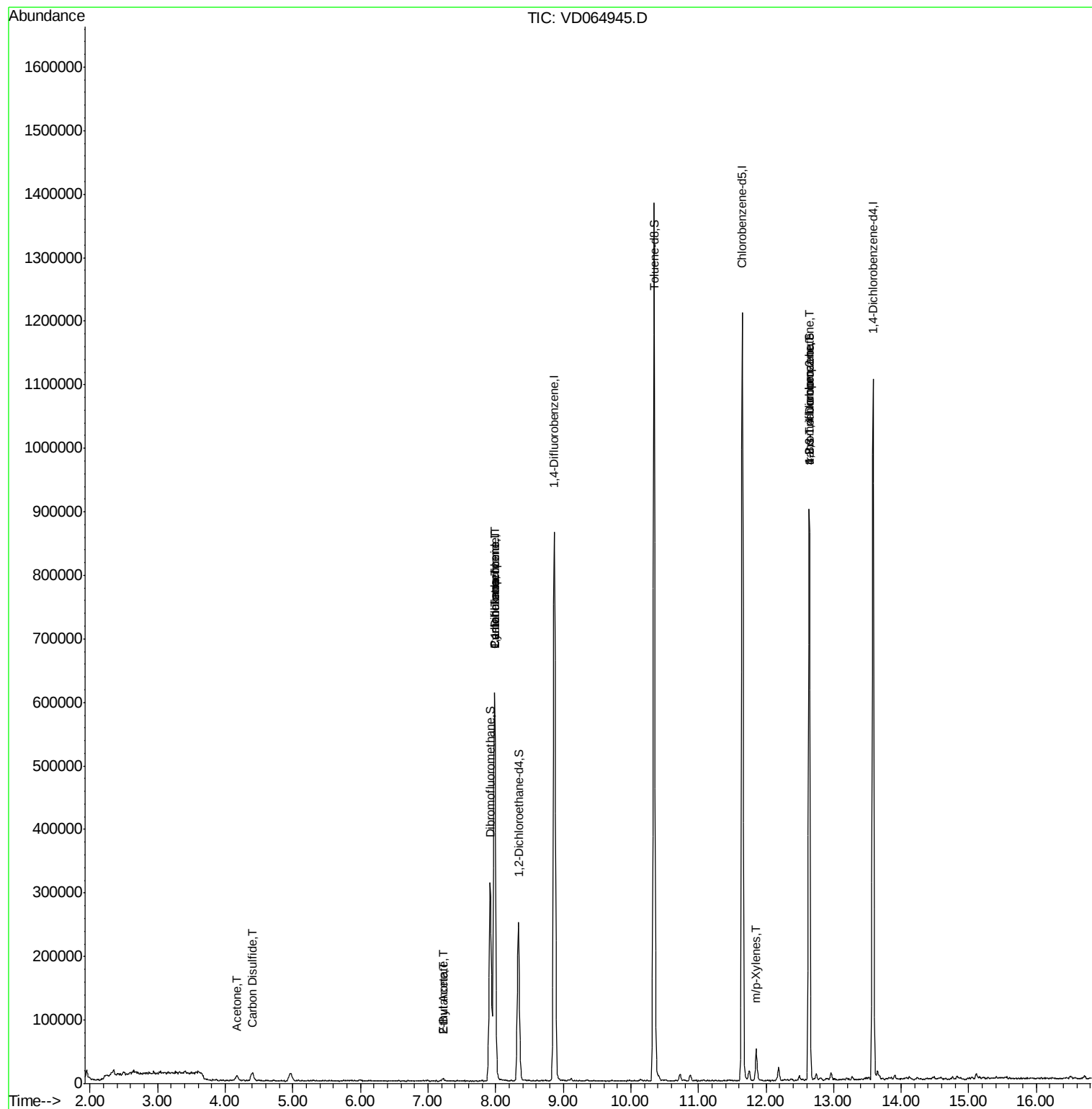
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	14322	24.642	ug/l	91
17) Carbon Disulfide	4.40	76	27325	2.036	ug/l	95
20) Methylene Chloride	4.97	84	8944	Below Cal		94
25) 2-Butanone	7.23	43	3139	2.585	ug/l	91
31) Cyclohexane	7.99	56	10587	1.352	ug/l #	31
36) 1,1-Dichloropropene	7.99	75	34330	4.801	ug/l #	51
37) Ethyl Acetate	7.23	43	3139	1.063	ug/l #	64
38) Carbon Tetrachloride	7.99	117	46227	6.116	ug/l #	18
68) m/p-Xylenes	11.86	106	14579	1.554	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	146334	60.133	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	146334	128.398	ug/l #	9

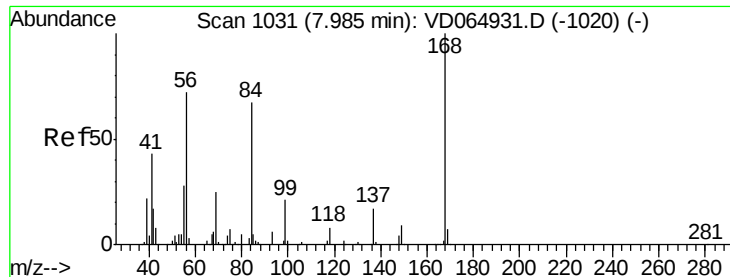
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012420\
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Acq On : 24 Jan 2020 16:11
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Quant Time: Jan 25 02:39:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

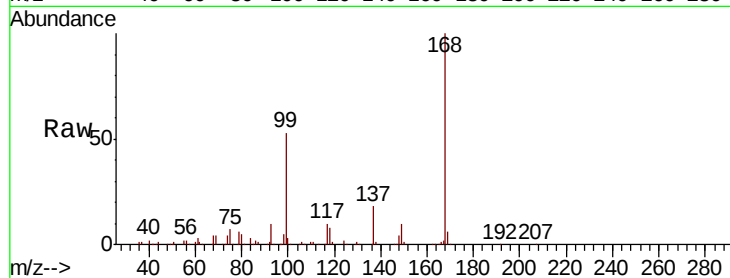
ClientSampleId :

Tot Ion:168 Resp: 468525

Ion Ratio Lower Upper

168 100

99 53.4 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

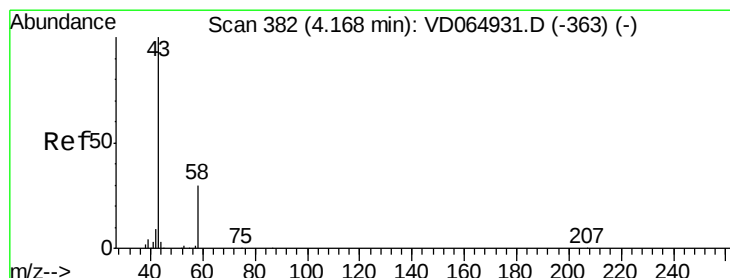
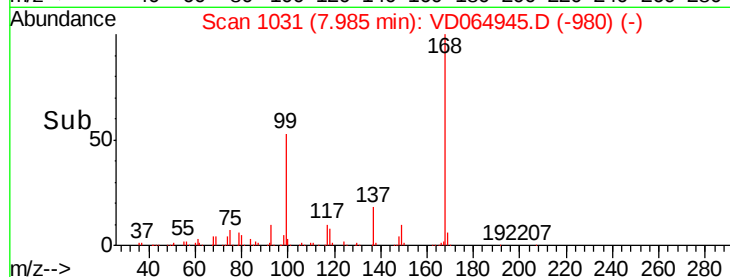
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 24.642 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064945.D

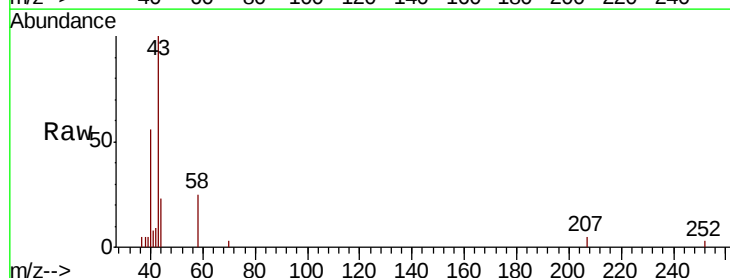
Acq: 24 Jan 2020 16:11

Tgt Ion: 43 Resp: 14322

Ion Ratio Lower Upper

43 100

58 24.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

6000

5000

4000

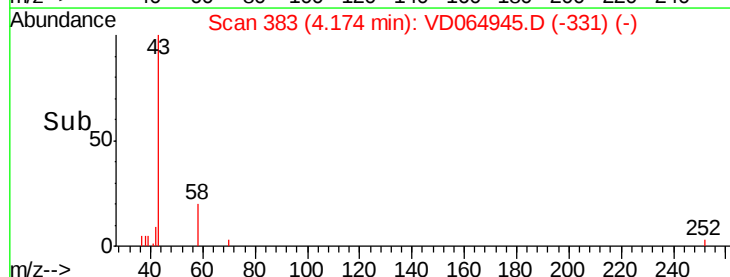
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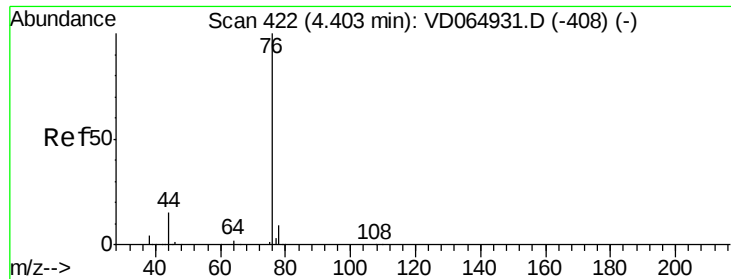
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1000

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Time-->

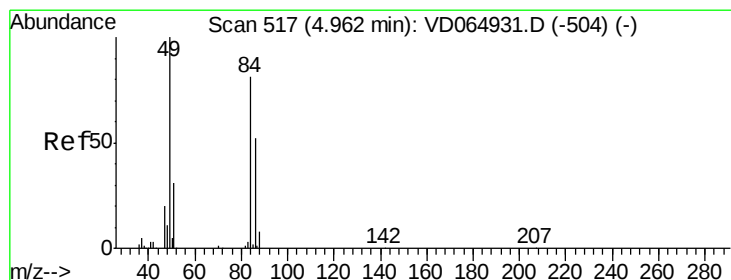
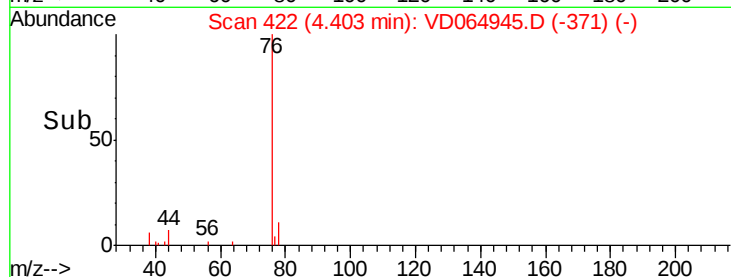
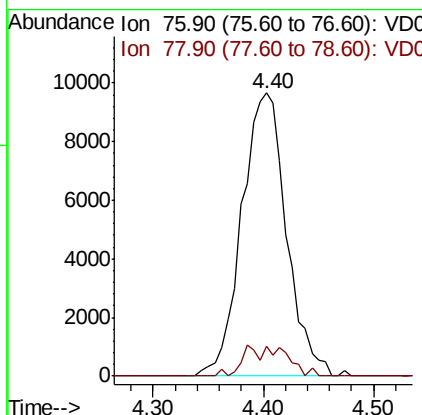
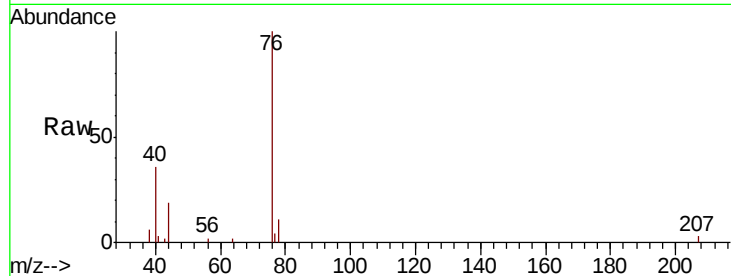




#17
Carbon Disulfide
Concen: 2.036 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD064945.D
Acq: 24 Jan 2020 16:11

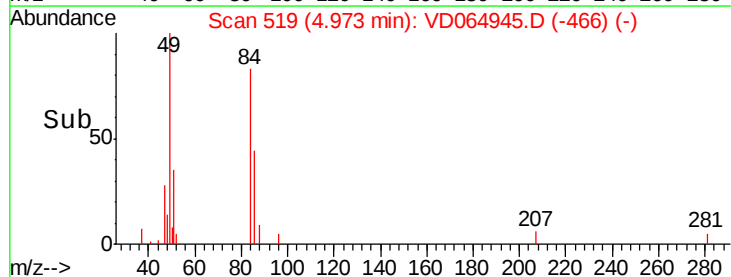
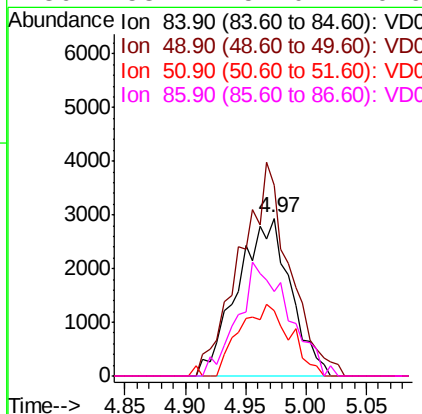
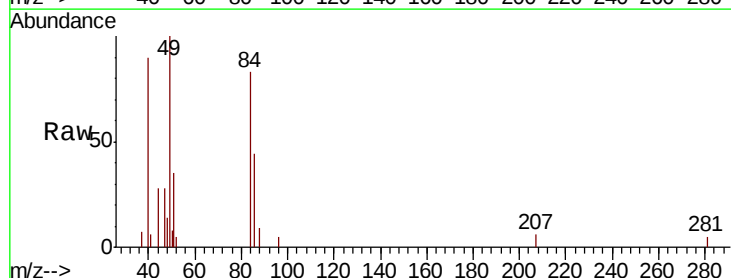
Instrument :
MSVOA_D
ClientSampled :

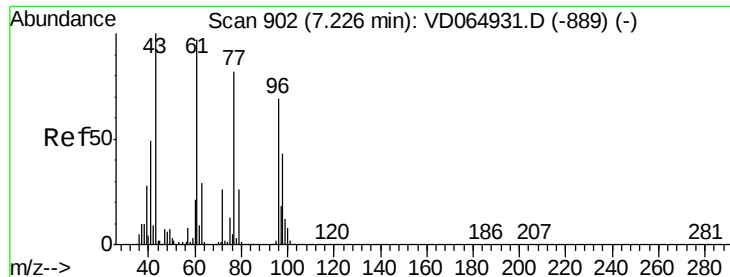
Tot Ion: 76 Resp: 27325
Ion Ratio Lower Upper
76 100
78 10.6 7.1 10.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064945.D
Acq: 24 Jan 2020 16:11

Tgt Ion: 84 Resp: 8944
Ion Ratio Lower Upper
84 100
49 120.5 98.4 147.6
51 41.6 30.8 46.2
86 53.4 51.0 76.6

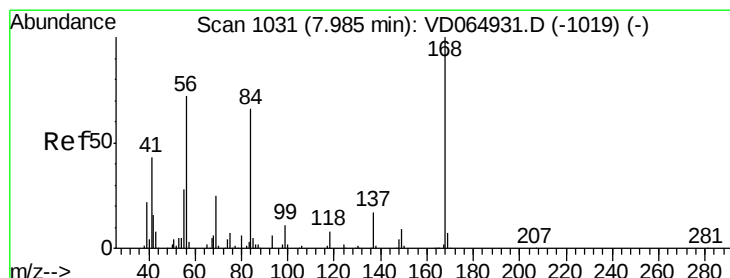
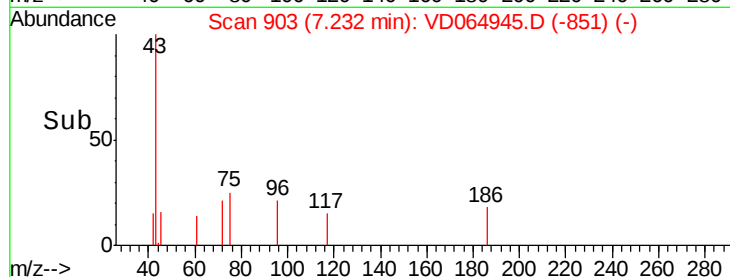
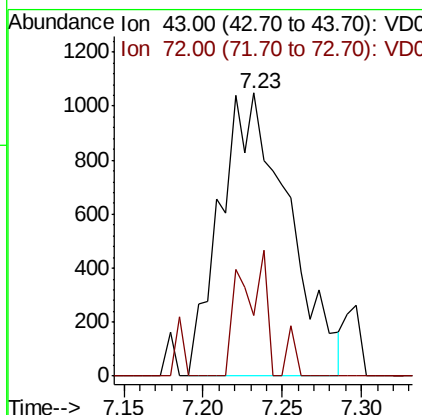
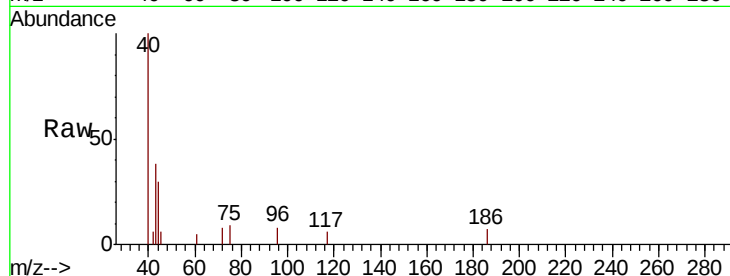




#25
2-Butanone
Concen: 2.585 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064945.D
Acq: 24 Jan 2020 16:11

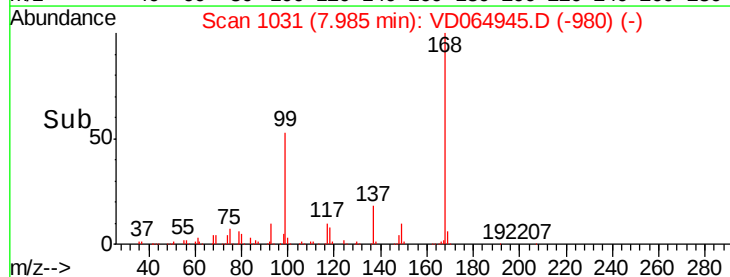
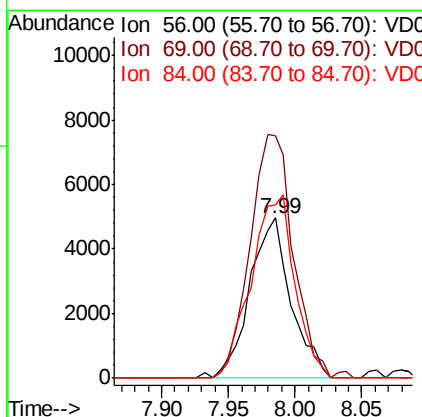
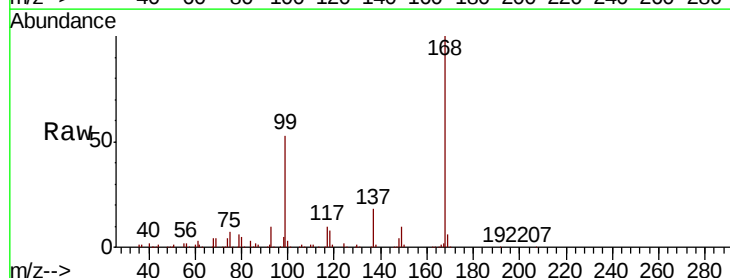
Instrument :
MSVOA_D
ClientSampled :

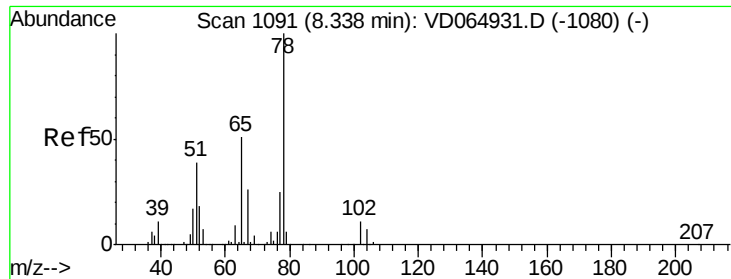
Tot Ion: 43 Resp: 3139
Ion Ratio Lower Upper
43 100
72 21.4 20.6 31.0



#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064945.D
Acq: 24 Jan 2020 16:11

Tgt Ion: 56 Resp: 10587
Ion Ratio Lower Upper
56 100
69 151.4 27.9 41.9#
84 108.3 72.8 109.2





#33

1,2-Dichloroethane-d4

Concen: 44.713 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

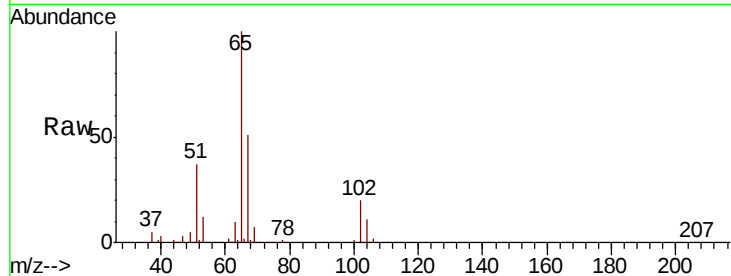
ClientSampled :

Tot Ion: 65 Resp: 200946

Ion Ratio Lower Upper

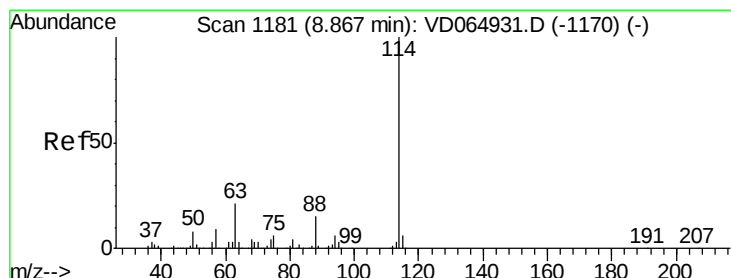
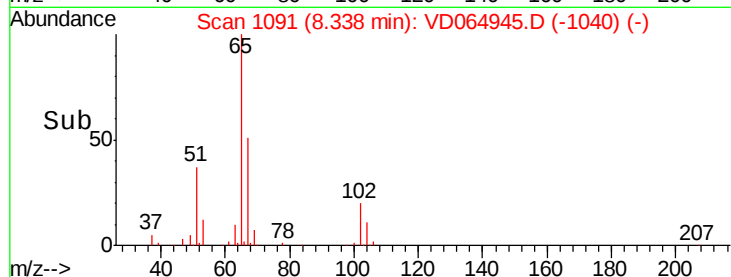
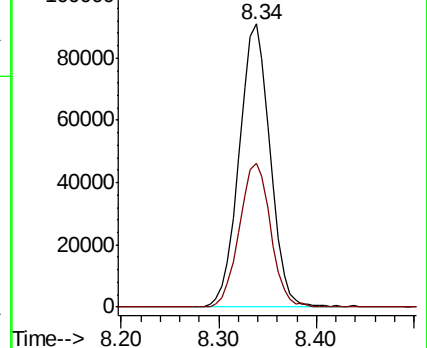
65 100

67 51.6 0.0 103.6



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# 1182

Delta R.T. 0.01 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

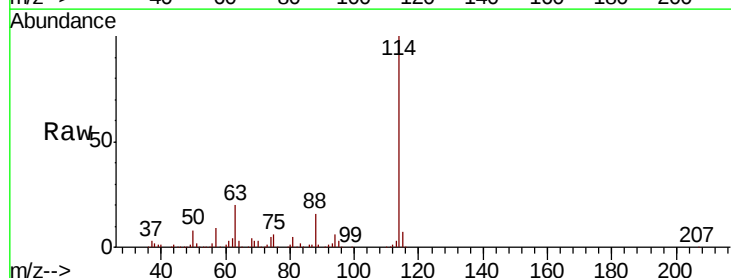
Tgt Ion: 114 Resp: 741592

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.0

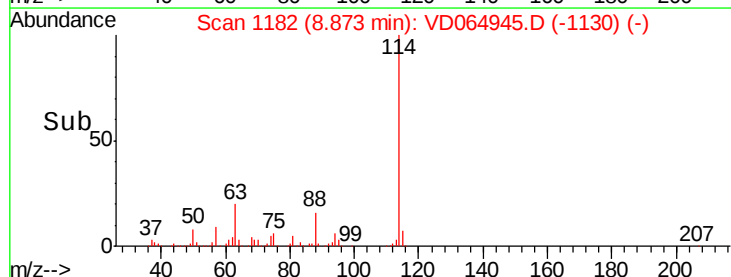
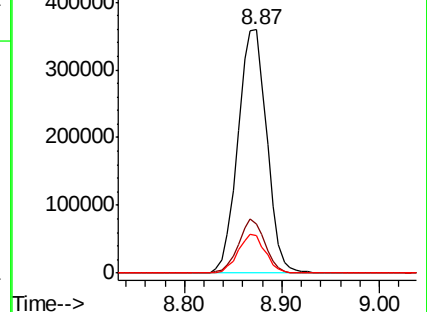
88 15.7 0.0 29.4

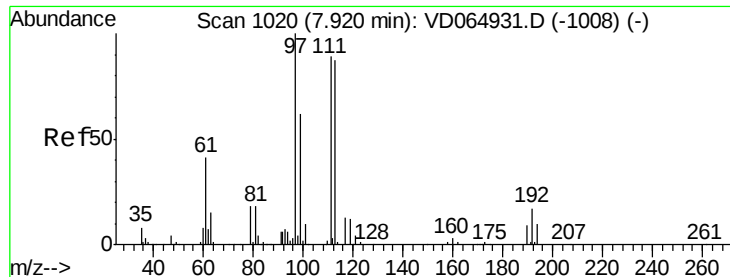


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

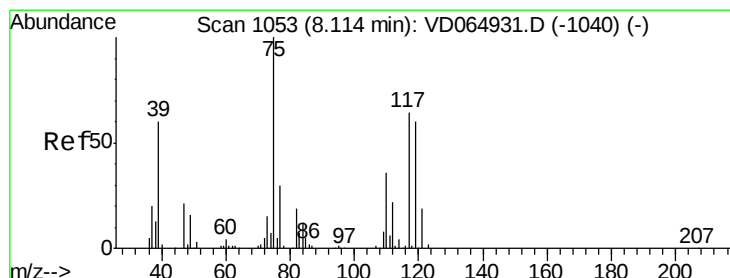
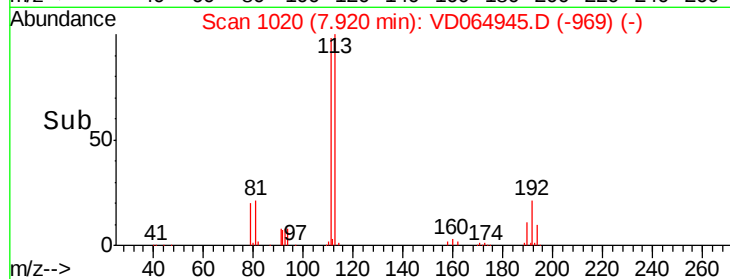
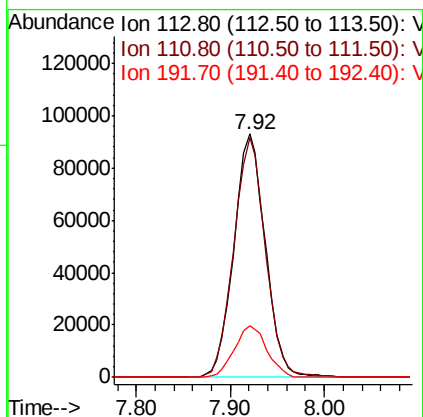
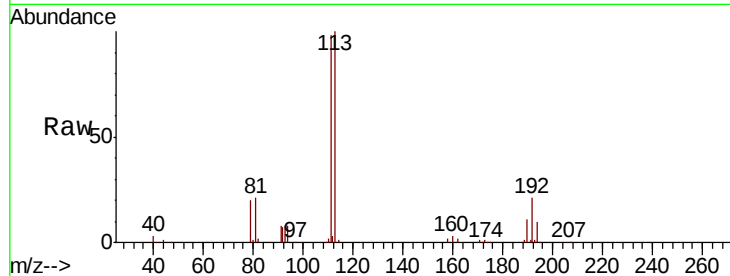




#35
 Dibromofluoromethane
 Concen: 46.422 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064945.D
 Acq: 24 Jan 2020 16:11

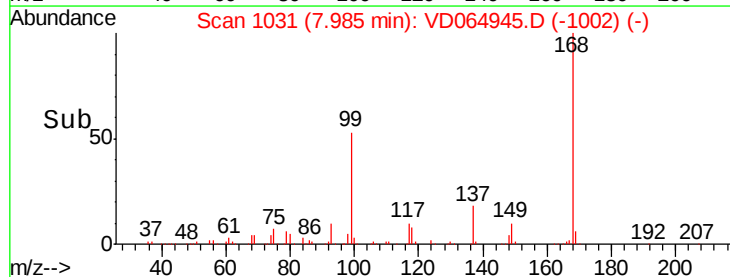
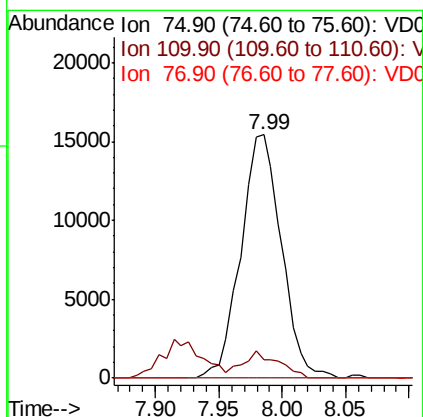
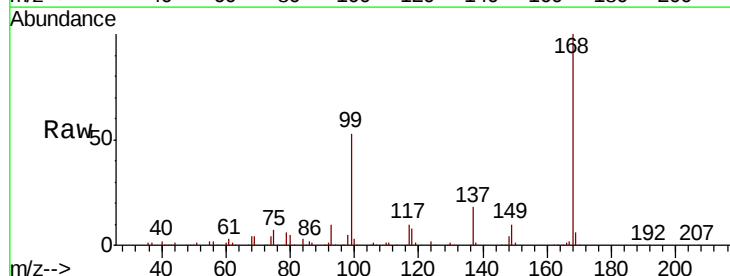
Instrument :
 MSVOA_D
 ClientSampleId :

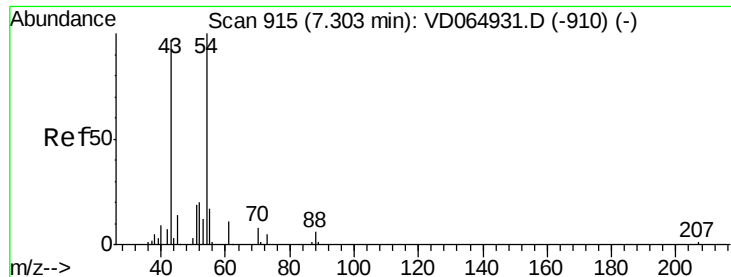
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.9	82.4	123.6
192	21.9	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064945.D
 Acq: 24 Jan 2020 16:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.3	52.0#
77	0.0	24.7	37.1#

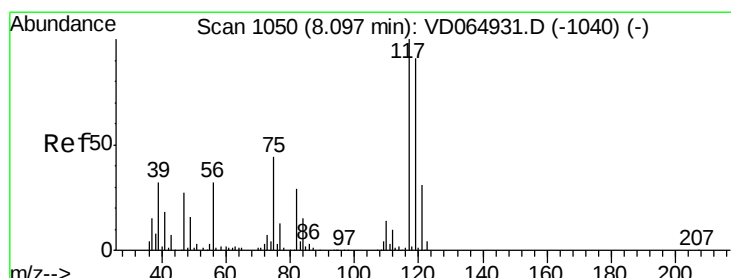
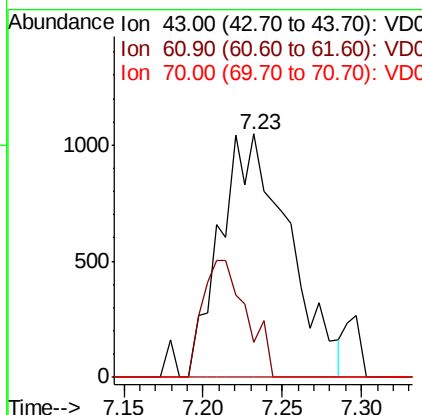
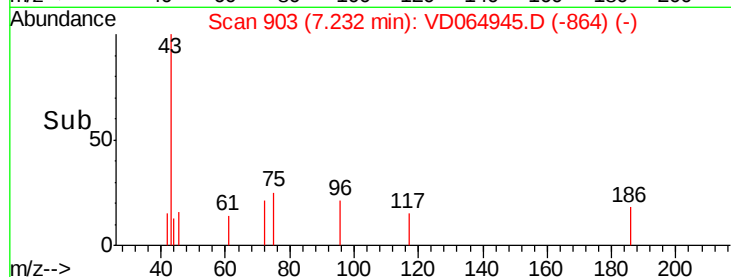
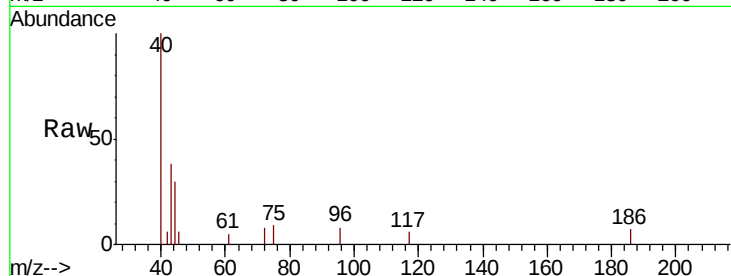




#37
Ethyl Acetate
Concen: 1.063 ug/l
RT: 7.23 min Scan# 903
Delta R.T. -0.07 min
Lab File: VD064945.D
Acq: 24 Jan 2020 16:11

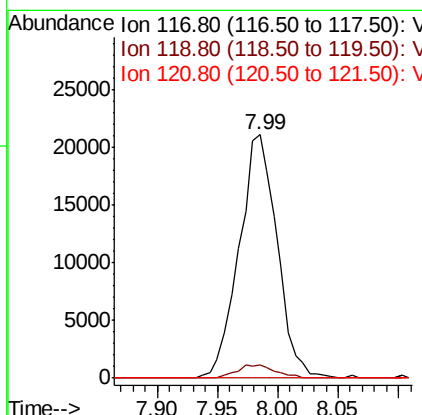
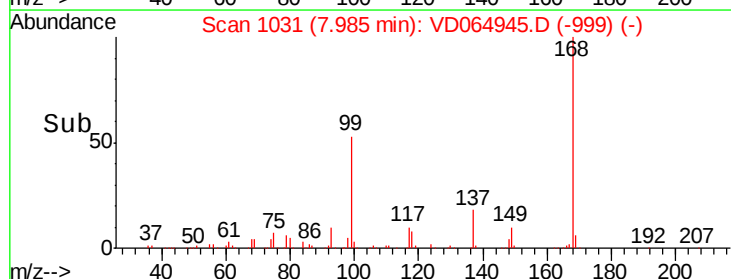
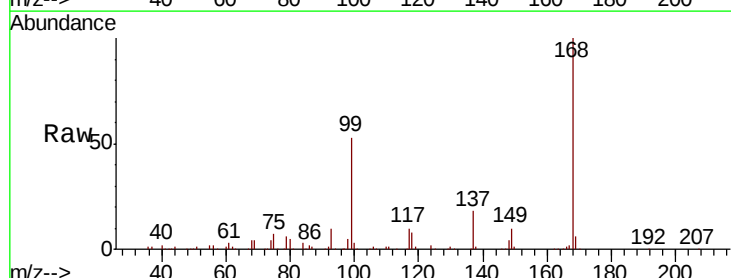
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MSVOA_D
ClientSampled :

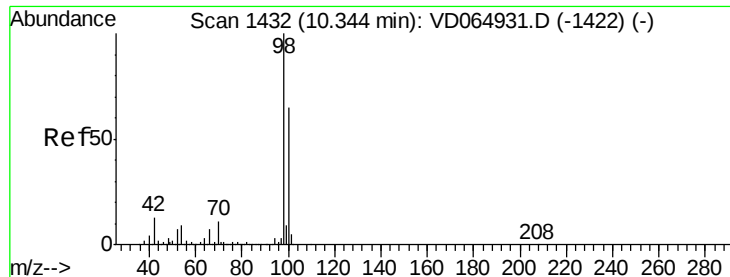
Tot Ion: 43 Resp: 3139
Ion Ratio Lower Upper
43 100
61 30.9 11.0 16.4#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064945.D
Acq: 24 Jan 2020 16:11

Tgt Ion: 117 Resp: 46227
Ion Ratio Lower Upper
117 100
119 5.6 73.2 109.8#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 50.094 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

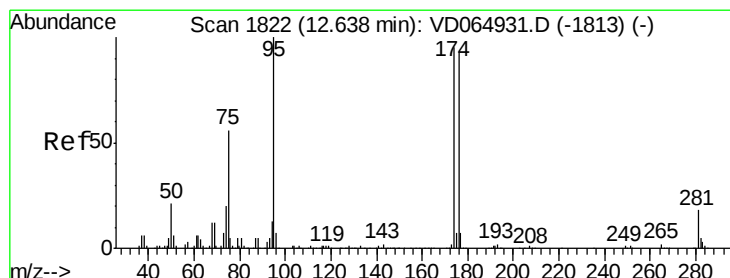
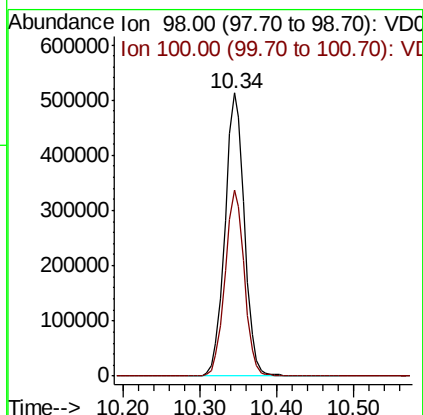
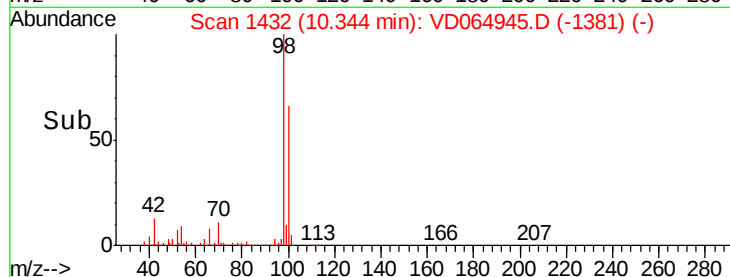
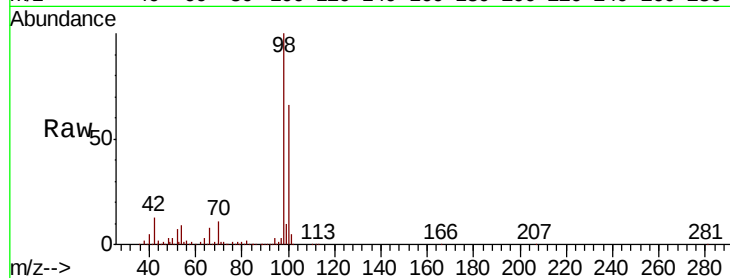
ClientSampleId :

Tot Ion: 98 Resp: 901026

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 49.935 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

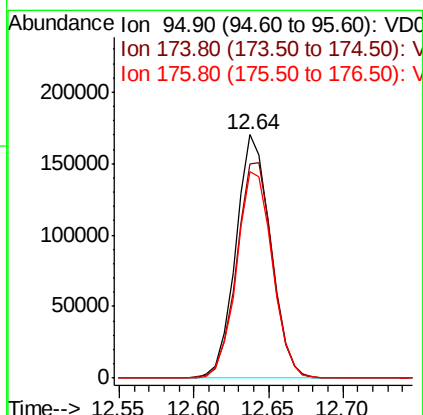
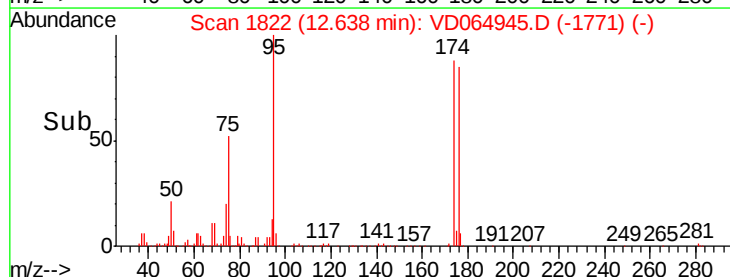
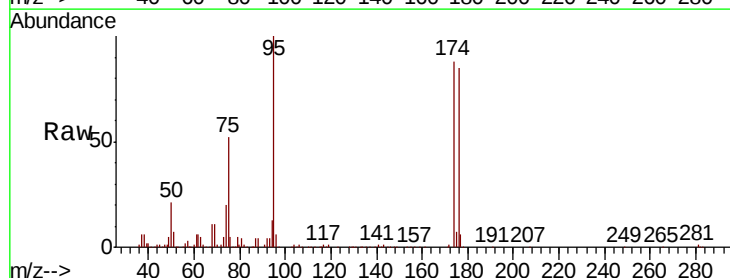
Tgt Ion: 95 Resp: 274861

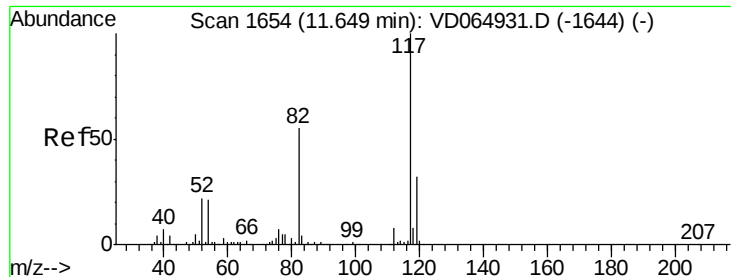
Ion Ratio Lower Upper

95 100

174 92.0 0.0 186.8

176 87.2 0.0 183.4

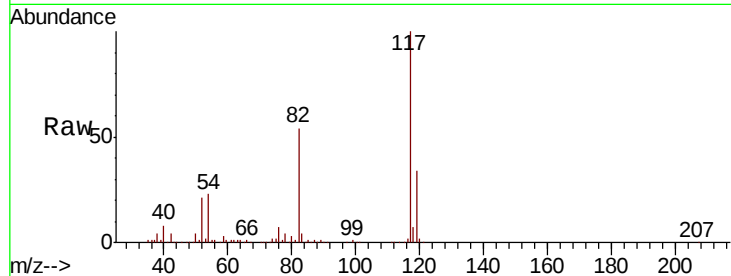




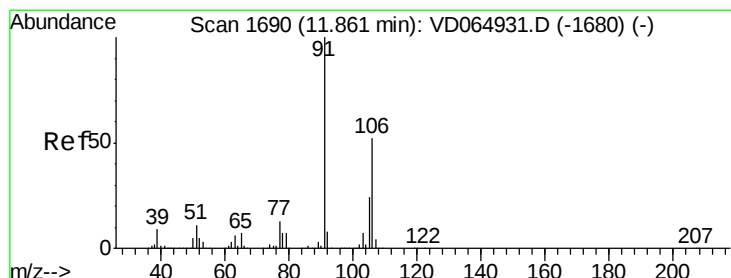
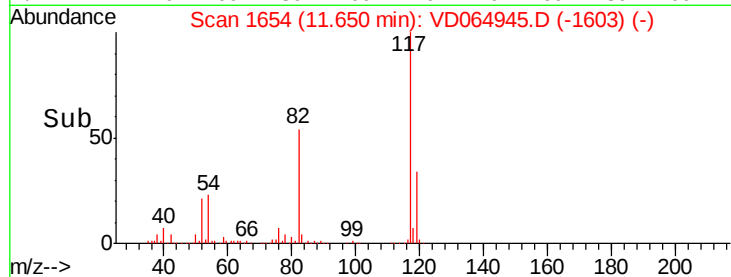
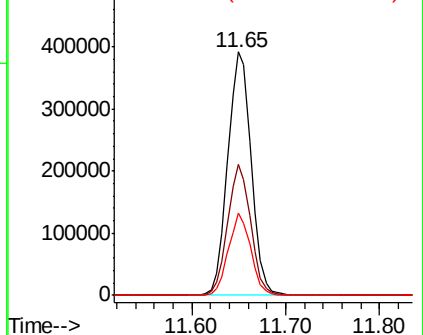
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064945.D
Acq: 24 Jan 2020 16:11

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 675879
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 33.7 25.2 37.8

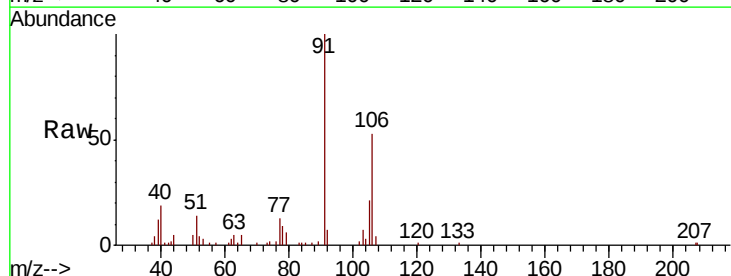


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

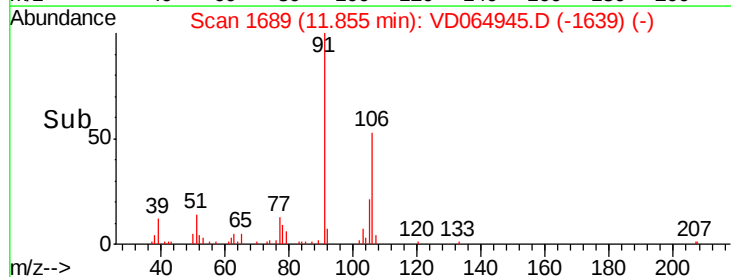
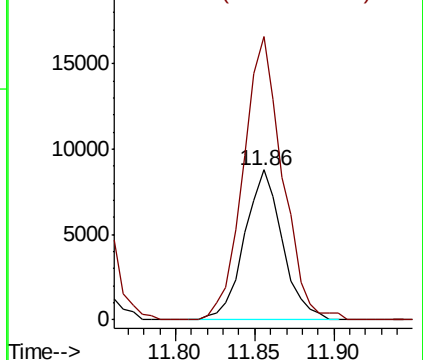


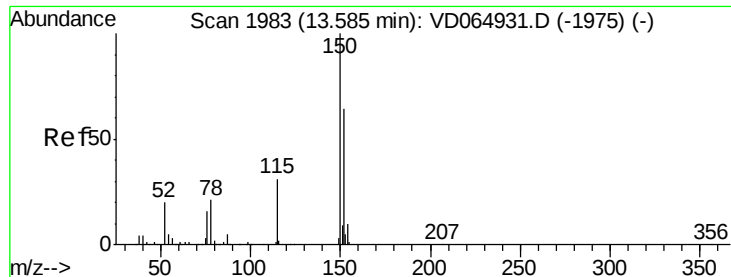
#68
m/p-Xylenes
Concen: 1.554 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD064945.D
Acq: 24 Jan 2020 16:11

Tgt Ion:106 Resp: 14579
Ion Ratio Lower Upper
106 100
91 195.8 159.0 238.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

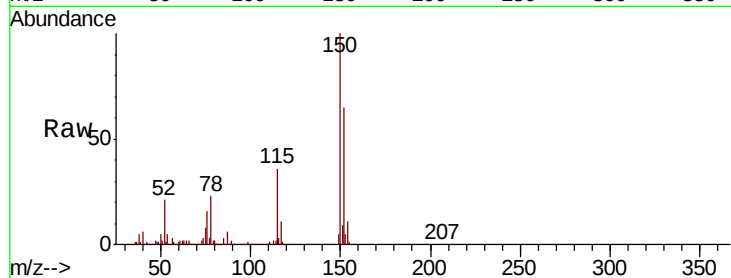
Tot Ion:152 Resp: 293189

Ion Ratio Lower Upper

152 100

115 55.0 28.1 84.4

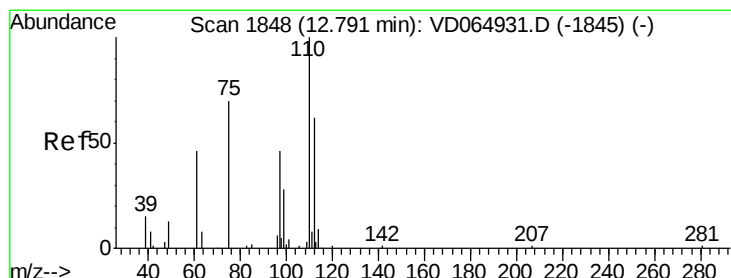
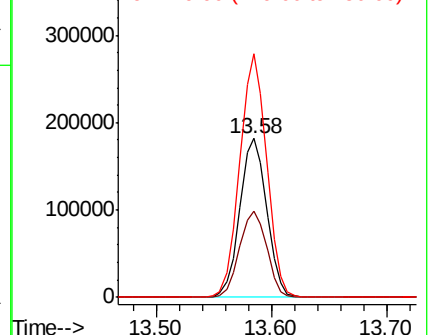
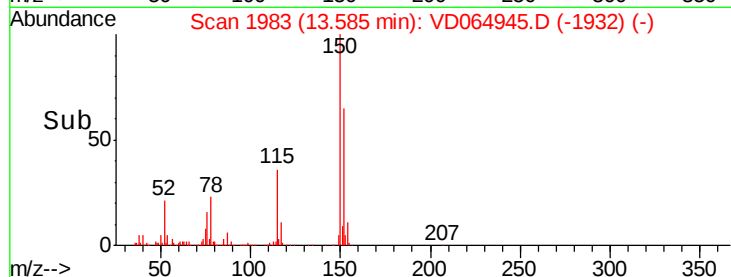
150 152.8 0.0 350.4



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



#76

1,2,3-Trichloropropane

Concen: 60.133 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064945.D

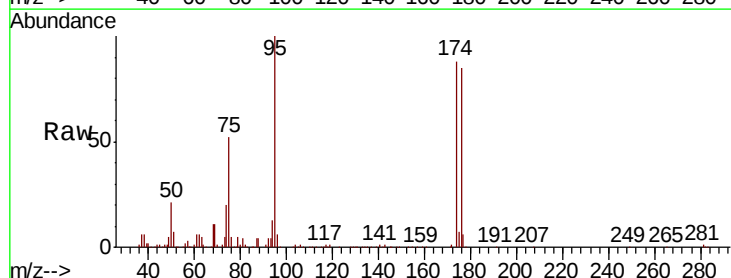
Acq: 24 Jan 2020 16:11

Tgt Ion: 75 Resp: 146334

Ion Ratio Lower Upper

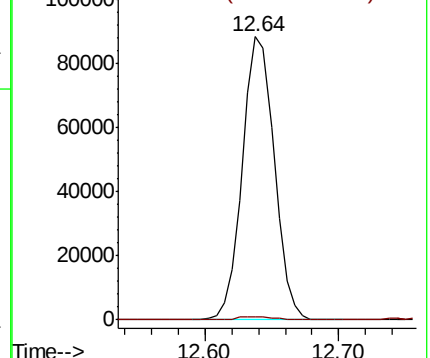
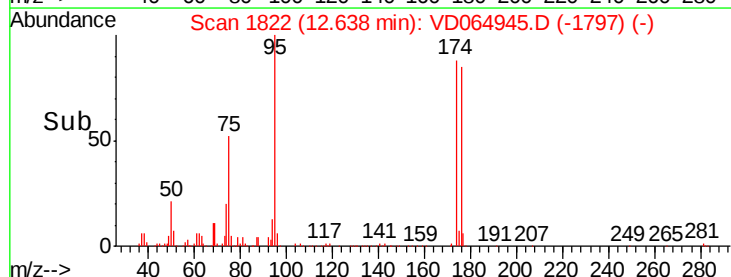
75 100

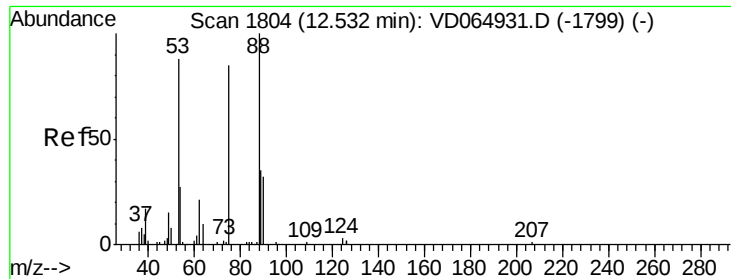
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 128.398 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064945.D

Acq: 24 Jan 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 146334

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.4#

89 0.0 36.2 54.4#

