

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064389.D
 Acq On : 26 Nov 2019 17:40
 Operator : VA/SY
 Sample : K6024-06
 Misc : 7.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 05:52:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	737393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1071231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	935682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	423889	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	293262	48.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.72%	
35) Dibromofluoromethane	7.92	113	314729	51.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.36%	
50) Toluene-d8	10.34	98	1257323	54.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.40%	
62) 4-Bromofluorobenzene	12.64	95	383401	47.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.46%	

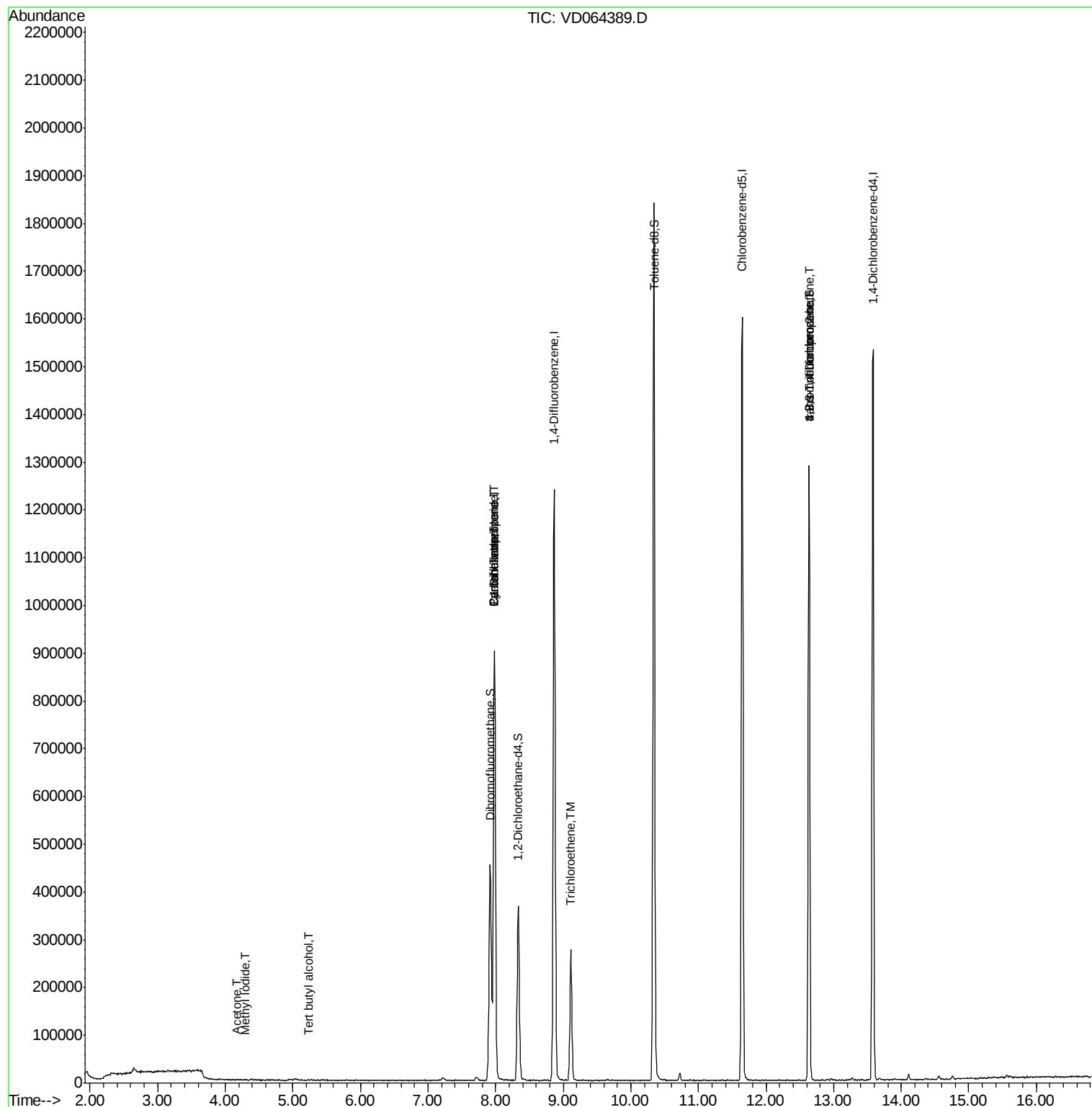
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	201	2.057	ug/l #	82
11) Tert butyl alcohol	5.24	59	560	1.322	ug/l	95
16) Acetone	4.17	43	2066	1.438	ug/l #	45
31) Cyclohexane	7.98	56	15217	1.278	ug/l #	15
36) 1,1-Dichloropropene	7.98	75	49736	5.031	ug/l #	51
38) Carbon Tetrachloride	7.99	117	67827	6.412	ug/l #	14
44) Trichloroethene	9.11	130	100368	12.376	ug/l	96
76) 1,2,3-Trichloropropane	12.64	75	199826	58.526	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	199826	116.256	ug/l #	10

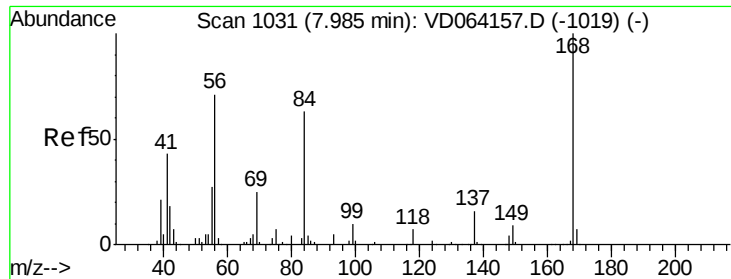
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112619\
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Quant Time: Nov 27 05:52:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
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: VD064389.D

Acq: 26 Nov 2019 17:40

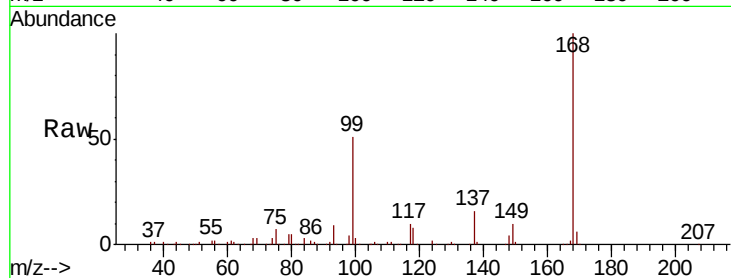
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 737393

Ion Ratio Lower Upper

168 100

99 50.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.99

300000

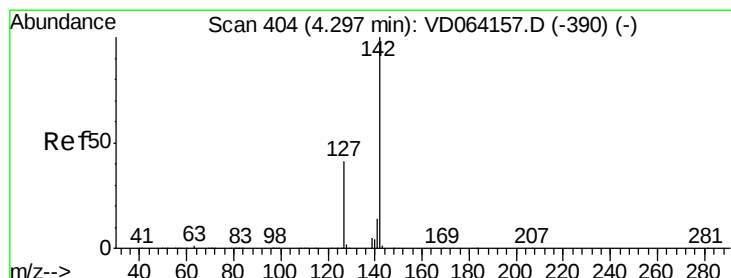
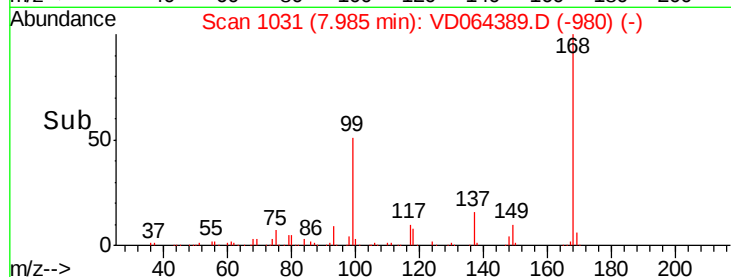
200000

100000

0

Time-->

7.90 8.00



#10

Methyl Iodide

Concen: 2.057 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064389.D

Acq: 26 Nov 2019 17:40

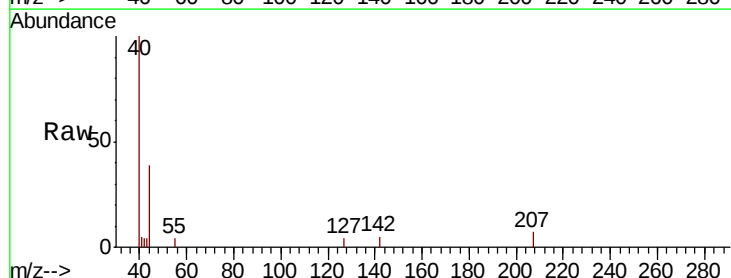
Tgt Ion:142 Resp: 201

Ion Ratio Lower Upper

142 100

127 34.8 34.4 51.6

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

300

250

200

150

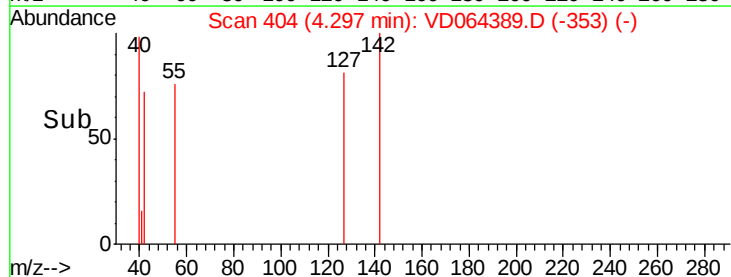
100

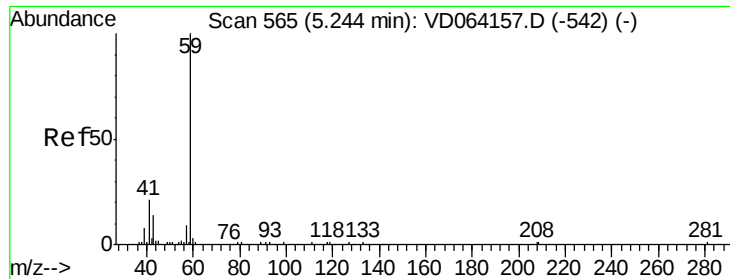
50

0

Time-->

4.26 4.28 4.30 4.32

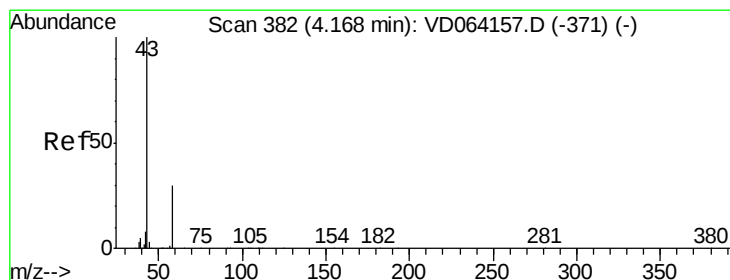
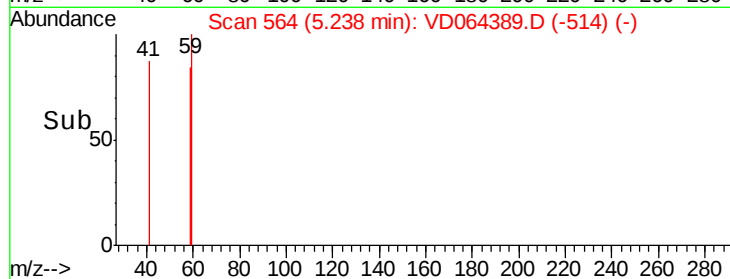
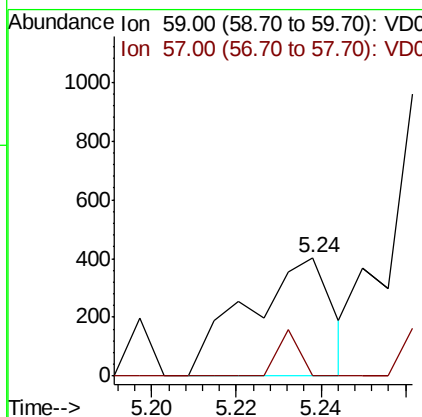
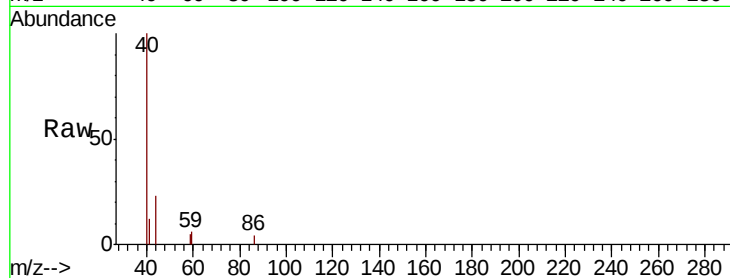




#11
Tert butyl alcohol
Concen: 1.322 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.00 min
Lab File: VD064389.D
Acq: 26 Nov 2019 17:40

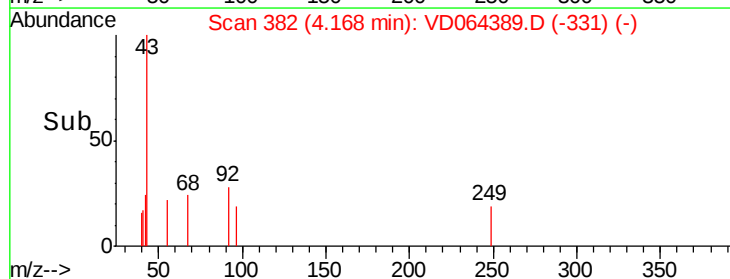
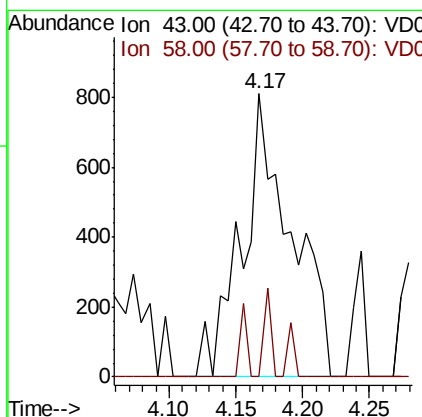
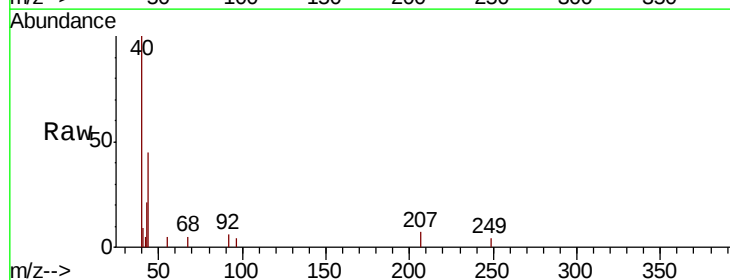
Instrument :
MSVOA_D
ClientSampled :

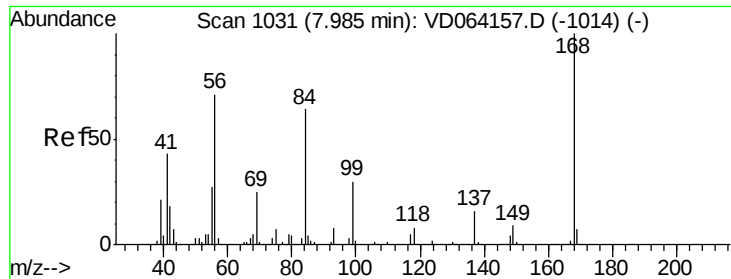
Tot Ion: 59 Resp: 560
Ion Ratio Lower Upper
59 100
57 10.0 9.4 14.2



#16
Acetone
Concen: 1.438 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064389.D
Acq: 26 Nov 2019 17:40

Tgt Ion: 43 Resp: 2066
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#

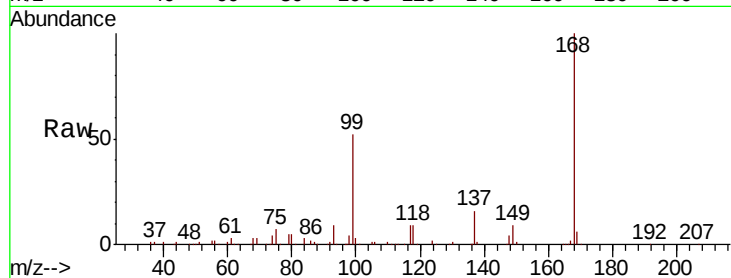




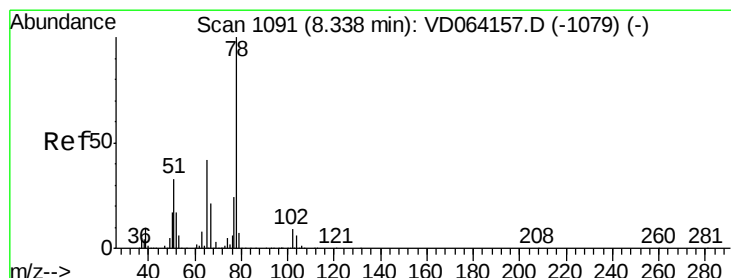
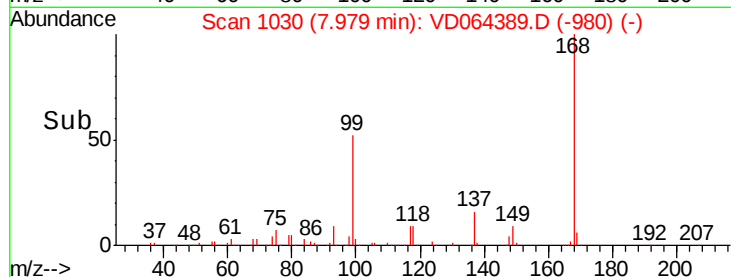
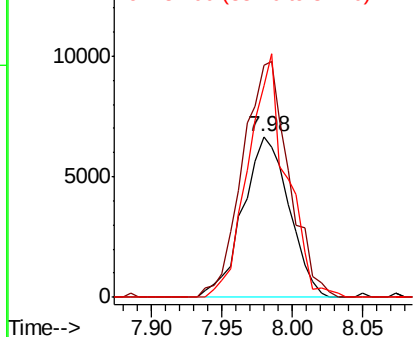
#31
Cyclohexane
Concen: 1.278 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064389.D
Acq: 26 Nov 2019 17:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 15217
Ion Ratio Lower Upper
56 100
69 144.5 28.2 42.4#
84 131.3 71.8 107.6#

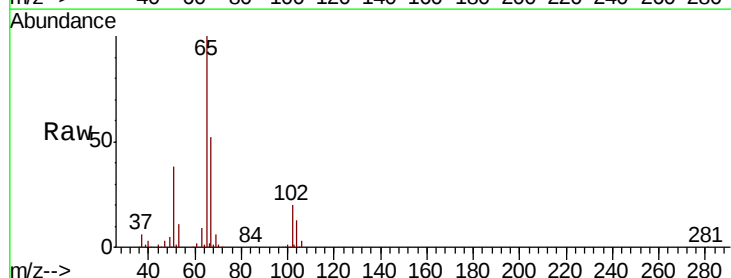


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

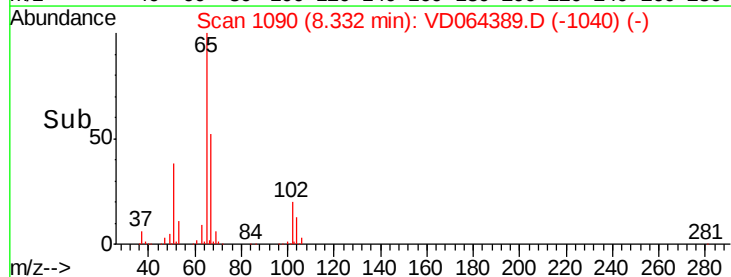
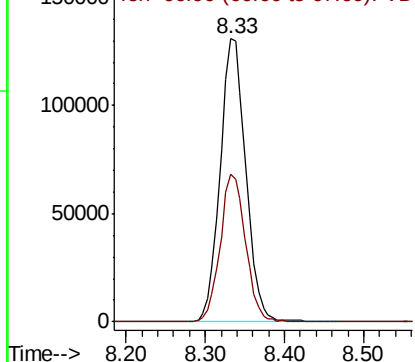


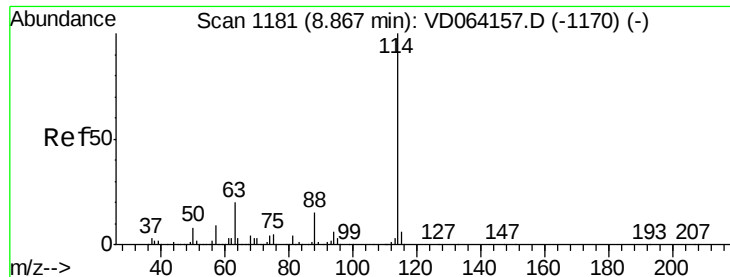
#33
1,2-Dichloroethane-d4
Concen: 48.356 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064389.D
Acq: 26 Nov 2019 17:40

Tgt Ion: 65 Resp: 293262
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4



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

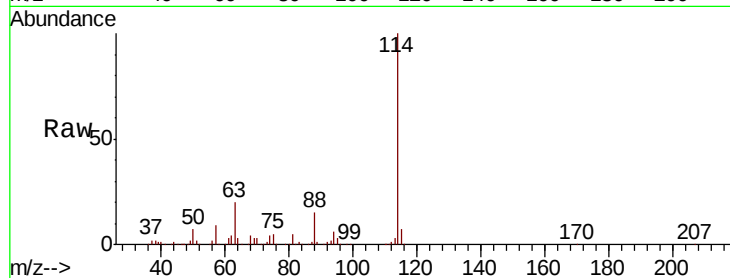




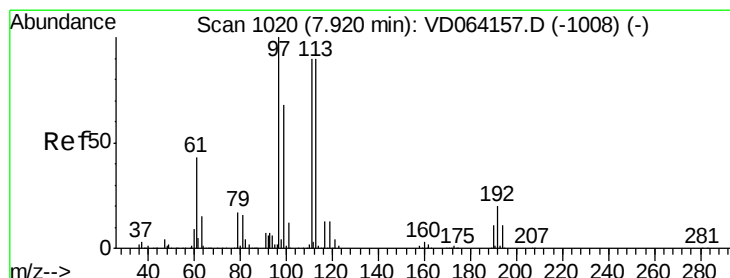
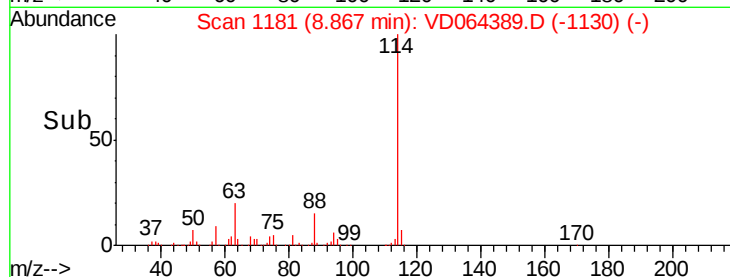
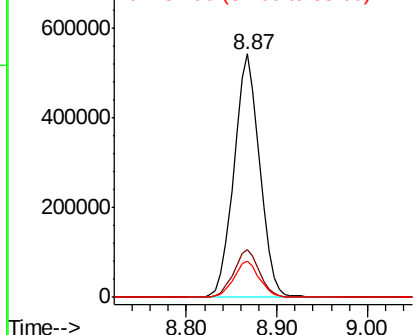
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064389.D
 Acq: 26 Nov 2019 17:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1071231
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 14.8 0.0 30.2

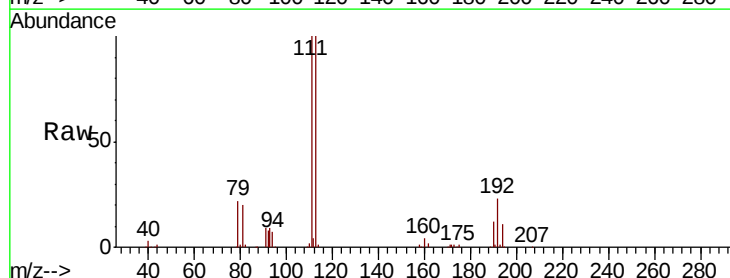


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

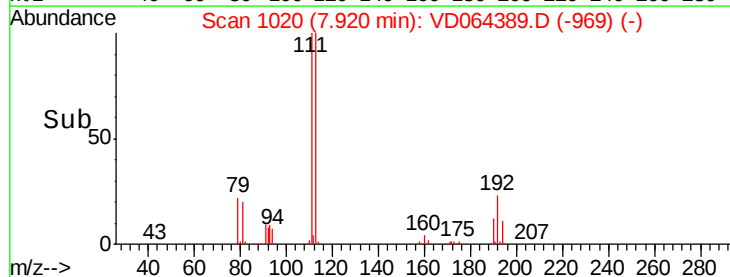
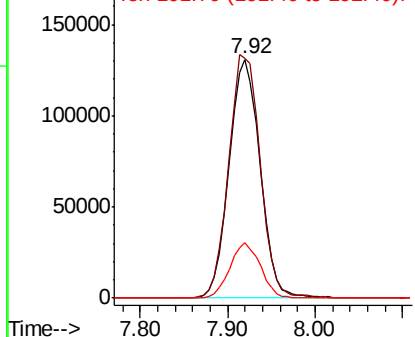


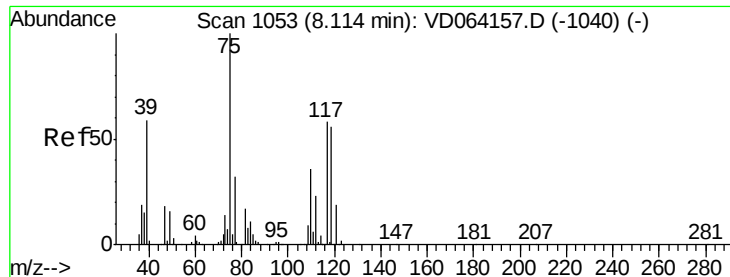
#35
 Dibromofluoromethane
 Concen: 51.183 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064389.D
 Acq: 26 Nov 2019 17:40

Tgt Ion:113 Resp: 314729
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.5 122.3
 192 22.8 18.8 28.2



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: 5.031 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064389.D

Acq: 26 Nov 2019 17:40

Instrument :
MSVOA_D
ClientSampleId :

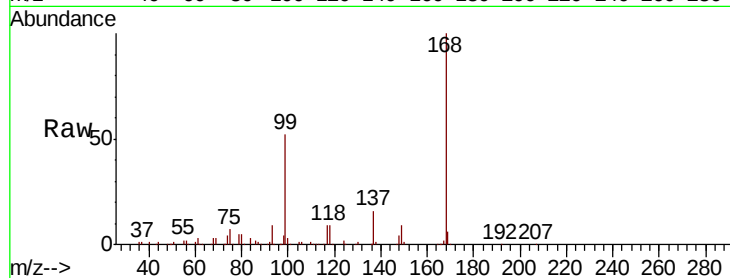
Tot Ion: 75 Resp: 49736

Ion Ratio Lower Upper

75 100

110 10.7 18.3 54.9#

77 0.2 25.0 37.6#

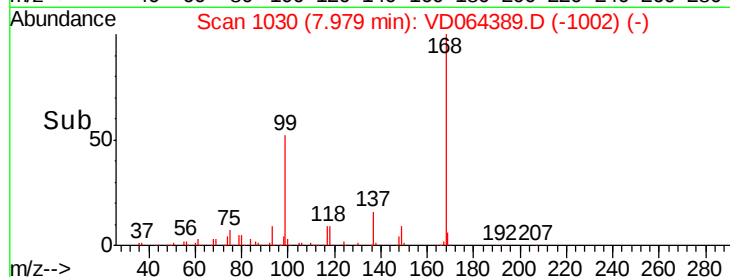


Abundance Ion 74.90 (74.60 to 75.60): VD064389.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VD064389.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VD064389.D (-1002) (-)

Time-->

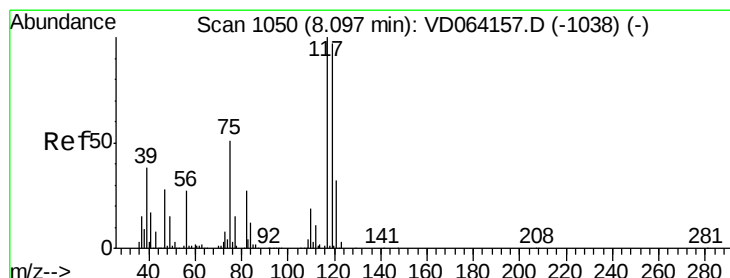


Abundance Ion 74.90 (74.60 to 75.60): VD064389.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VD064389.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VD064389.D (-1002) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.412 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064389.D

Acq: 26 Nov 2019 17:40

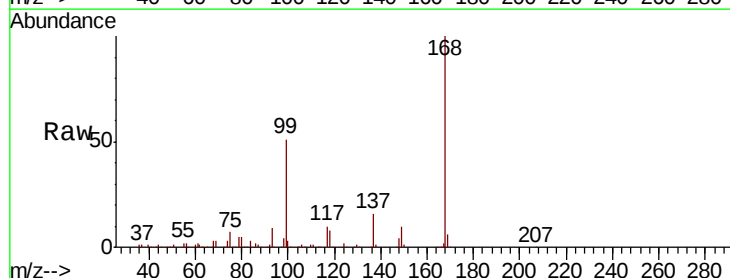
Tgt Ion: 117 Resp: 67827

Ion Ratio Lower Upper

117 100

119 3.2 77.2 115.8#

121 0.0 25.5 38.3#

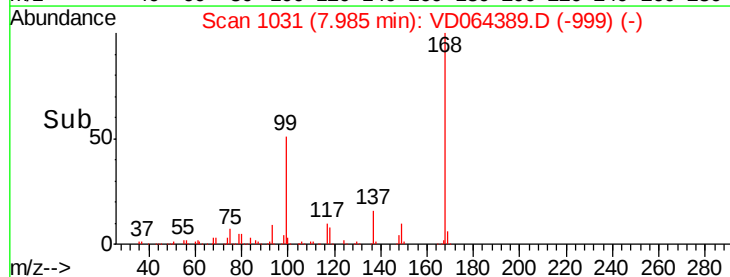


Abundance Ion 116.80 (116.50 to 117.50): VD064389.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064389.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064389.D (-999) (-)

Time-->

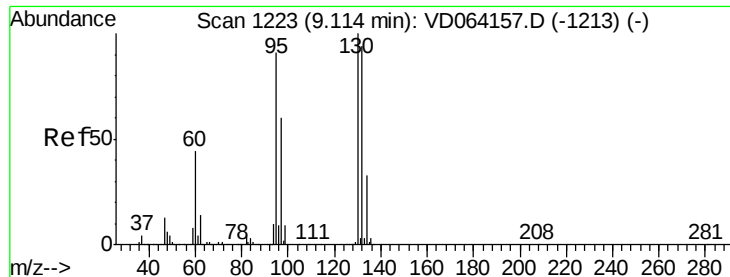


Abundance Ion 116.80 (116.50 to 117.50): VD064389.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064389.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064389.D (-999) (-)

Time-->



#44

Trichloroethene

Concen: 12.376 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064389.D

Acq: 26 Nov 2019 17:40

Instrument :

MSVOA_D

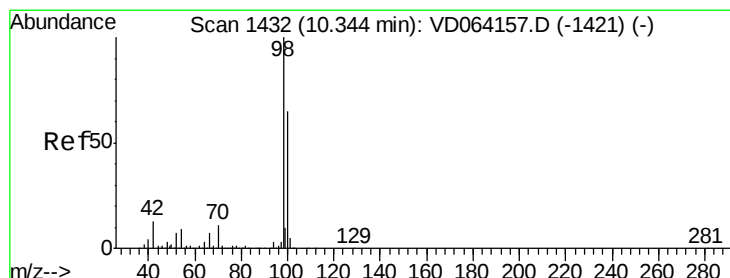
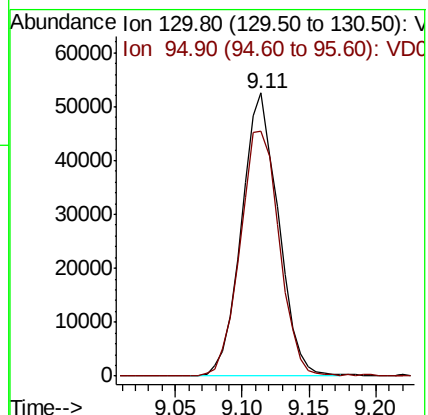
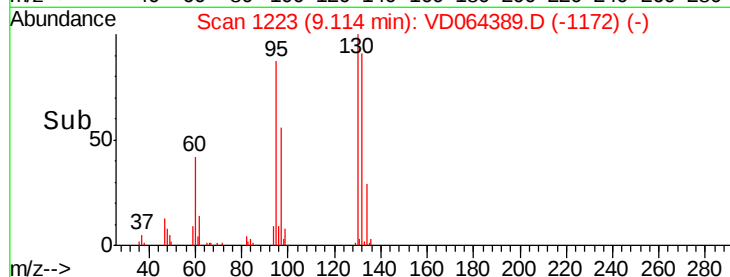
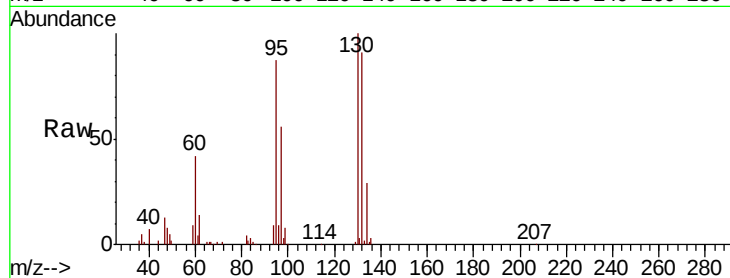
ClientSampleId :

Tot Ion:130 Resp: 100368

Ion Ratio Lower Upper

130 100

95 86.7 0.0 181.6



#50

Toluene-d8

Concen: 54.202 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064389.D

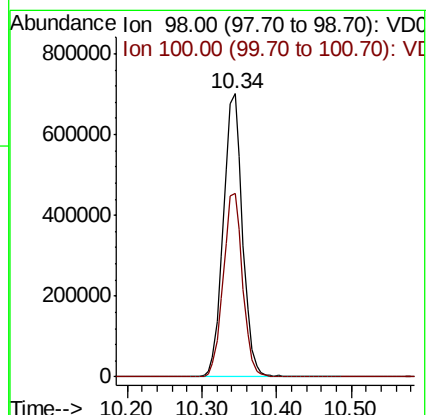
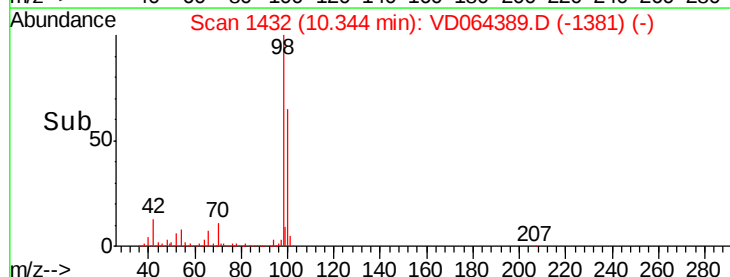
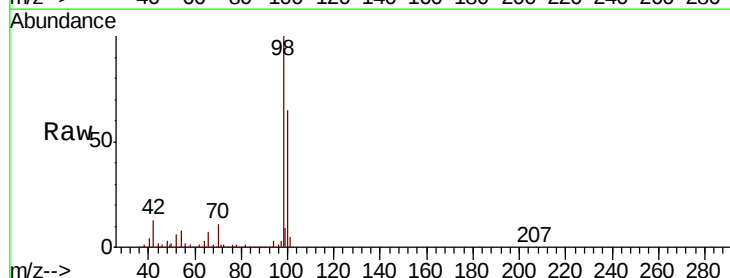
Acq: 26 Nov 2019 17:40

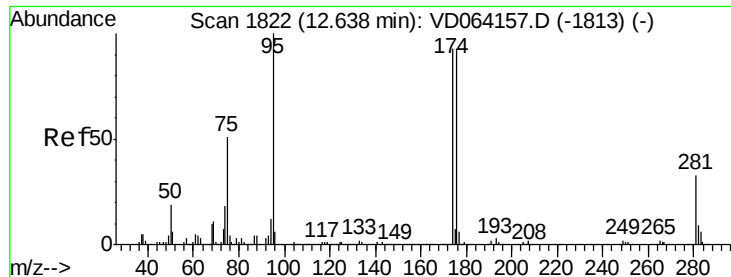
Tgt Ion: 98 Resp: 1257323

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

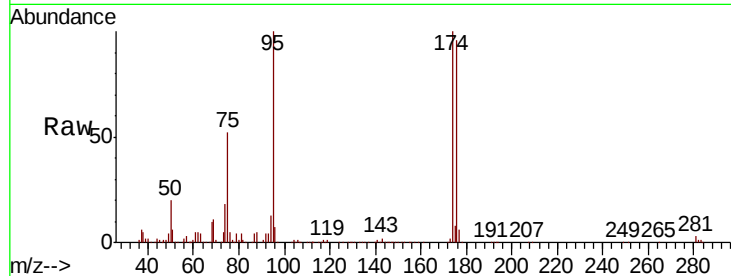




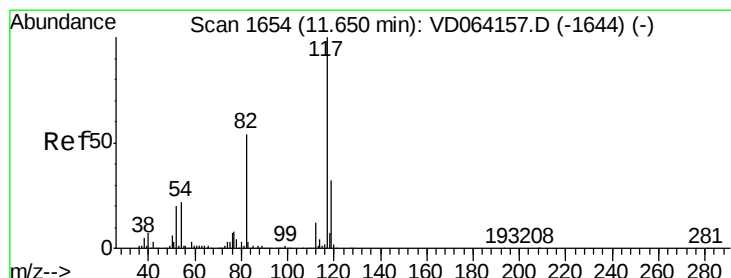
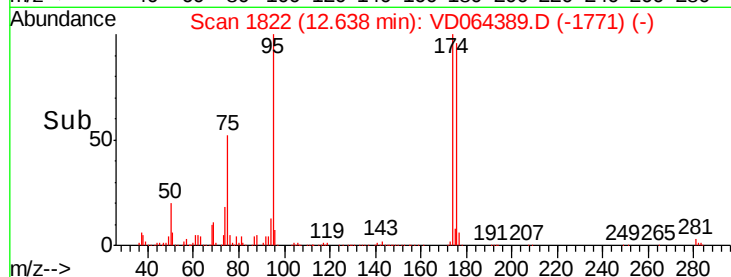
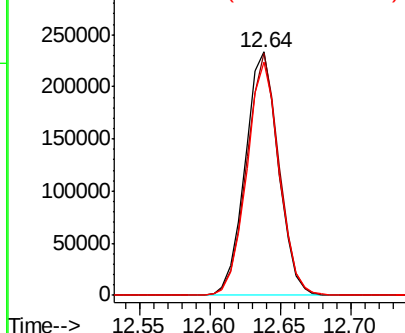
#62
4-Bromofluorobenzene
Concen: 47.727 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064389.D
Acq: 26 Nov 2019 17:40

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	183.6
176	94.1	0.0	180.2

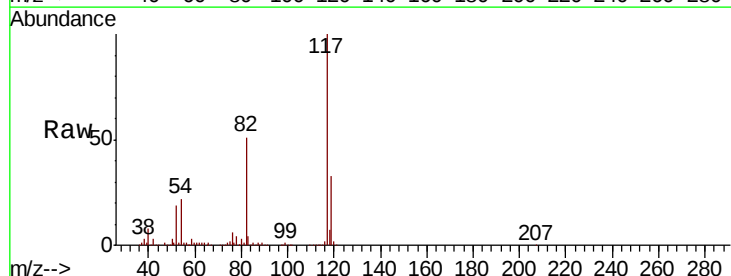


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

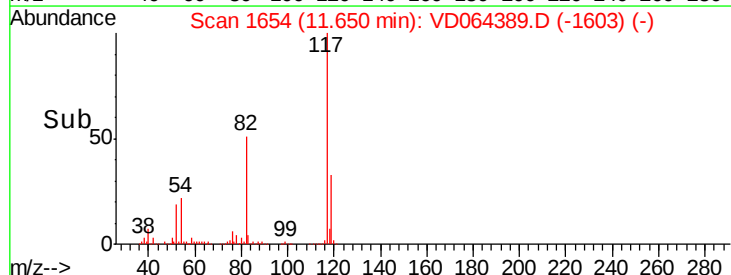
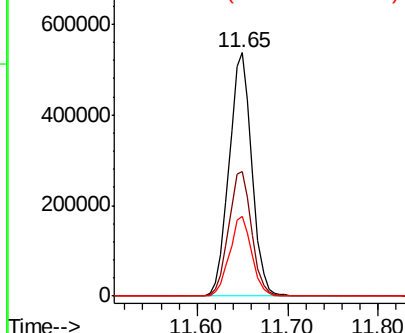


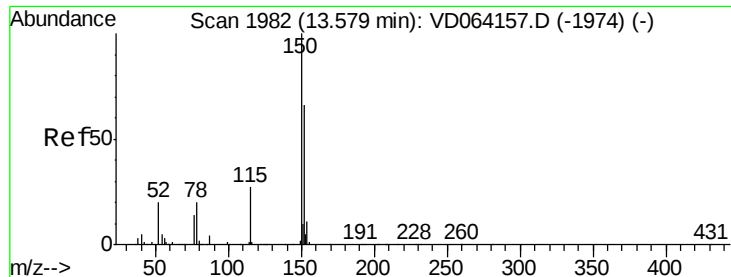
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064389.D
Acq: 26 Nov 2019 17:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.8	64.2
119	32.6	25.6	38.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064389.D

Acq: 26 Nov 2019 17:40

Instrument :

MSVOA_D

ClientSampleId :

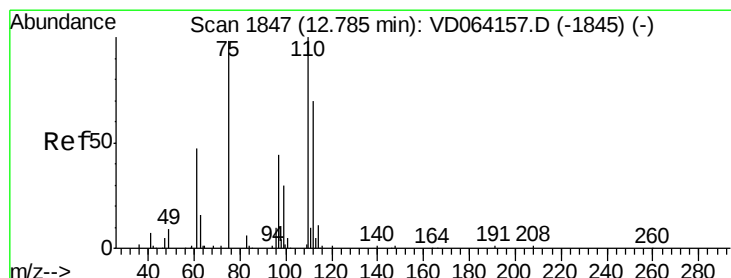
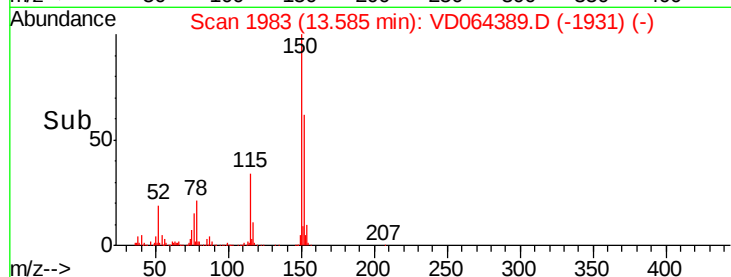
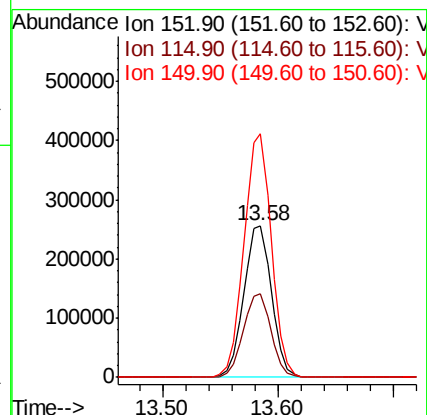
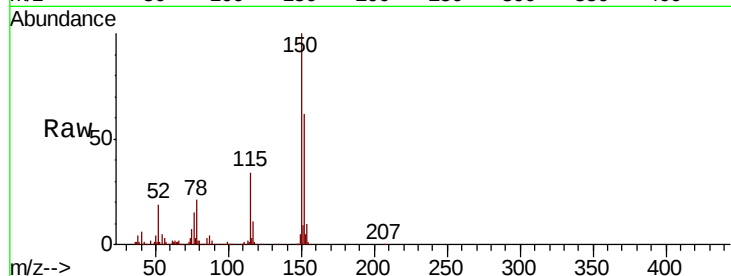
Tot Ion:152 Resp: 423889

Ion Ratio Lower Upper

152 100

115 55.0 27.4 82.2

150 159.3 0.0 351.6



#76

1,2,3-Trichloropropane

Concen: 58.526 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064389.D

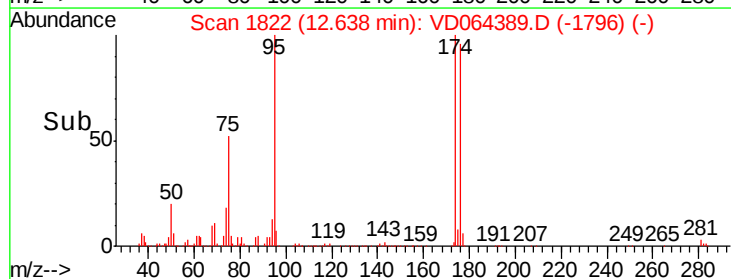
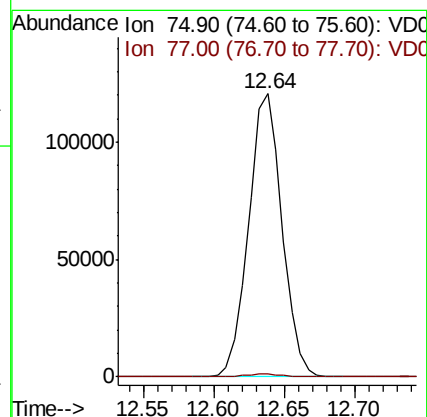
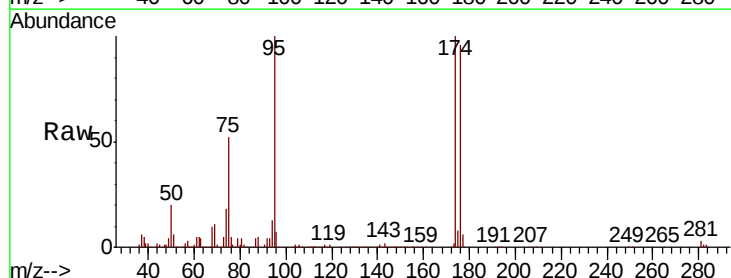
Acq: 26 Nov 2019 17:40

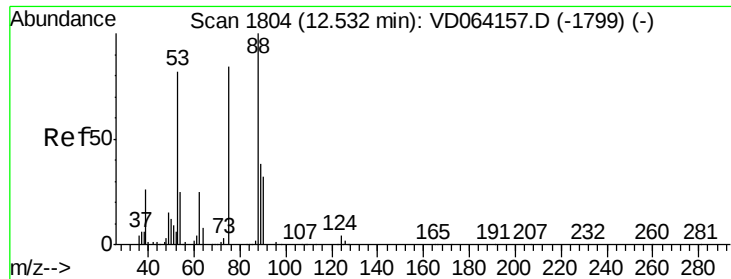
Tgt Ion: 75 Resp: 199826

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 116.256 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064389.D

Acq: 26 Nov 2019 17:40

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 199826

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#

