

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064249.D
 Acq On : 16 Nov 2019 03:27
 Operator : VA/SY
 Sample : K5840-12
 Misc : 5.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:44:41 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	7.98	168	393994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	587661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	531760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277024	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	225805	69.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	139.36%	
35) Dibromofluoromethane	7.92	113	186434	55.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.54%	
50) Toluene-d8	10.34	98	681179	53.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.64	95	241094	54.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.42%	

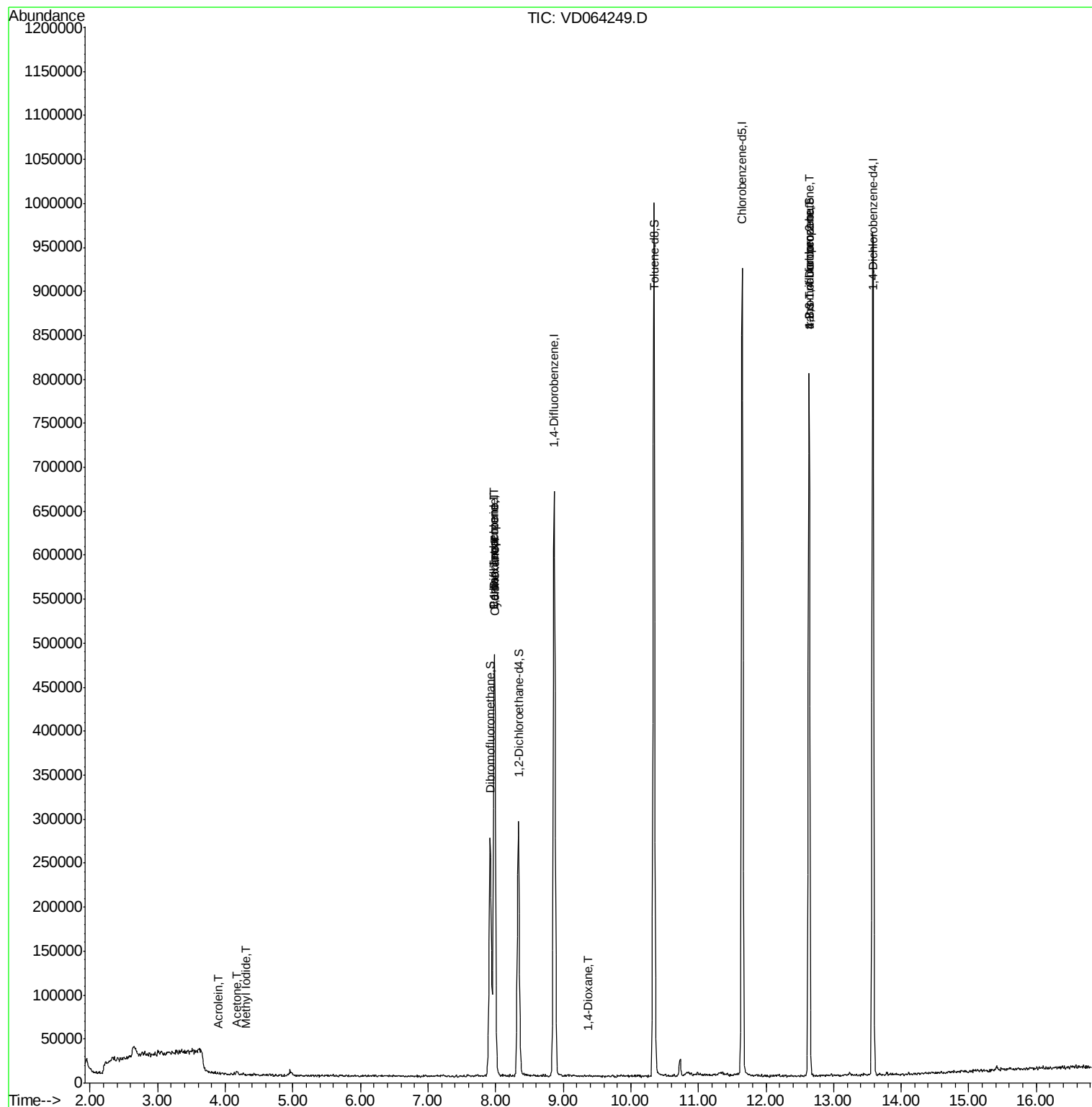
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	289	2.101	ug/l #	64
13) Acrolein	3.91	56	231	1.206	ug/l #	1
16) Acetone	4.17	43	7525	9.803	ug/l	91
31) Cyclohexane	7.99	56	8090	1.272	ug/l #	64
36) 1,1-Dichloropropene	7.98	75	26399	4.867	ug/l #	49
38) Carbon Tetrachloride	7.98	117	36678	6.320	ug/l #	17
49) 1,4-Dioxane	9.37	88	60	2.587	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	125303	56.156	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	125303	111.548	ug/l #	10

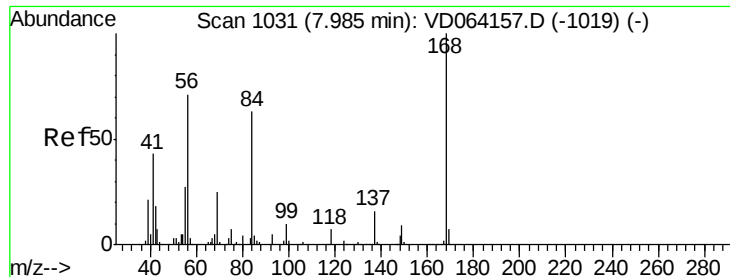
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
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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: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064249.D

Acq: 16 Nov 2019 03:27

Instrument :

MSVOA_D

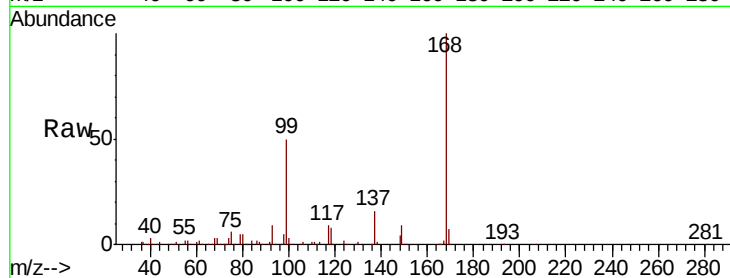
ClientSampleId :

Tot Ion:168 Resp: 393994

Ion Ratio Lower Upper

168 100

99 49.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

200000

150000

100000

50000

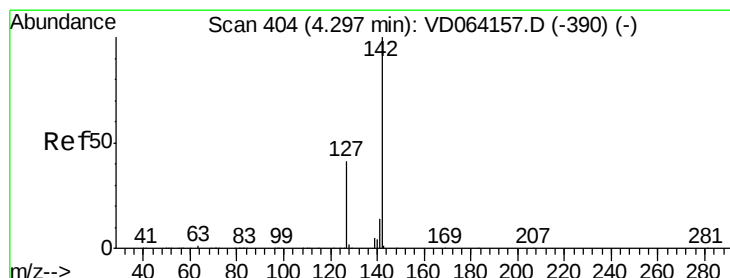
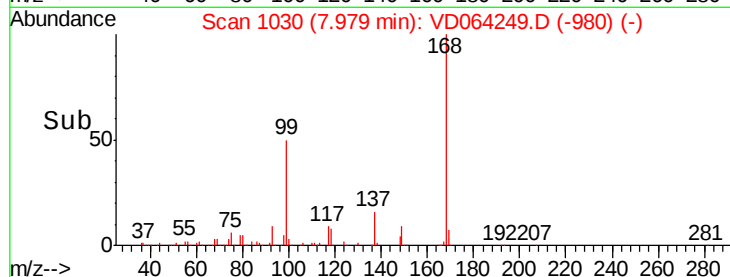
0

7.90

8.00

8.10

Time-->



#10

Methyl Iodide

Concen: 2.101 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064249.D

Acq: 16 Nov 2019 03:27

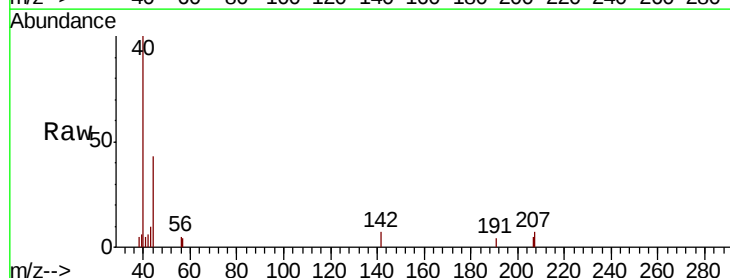
Tgt Ion:142 Resp: 289

Ion Ratio Lower Upper

142 100

127 19.4 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

400

300

200

100

0

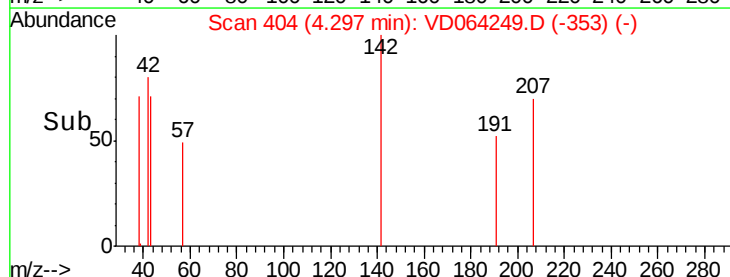
4.26

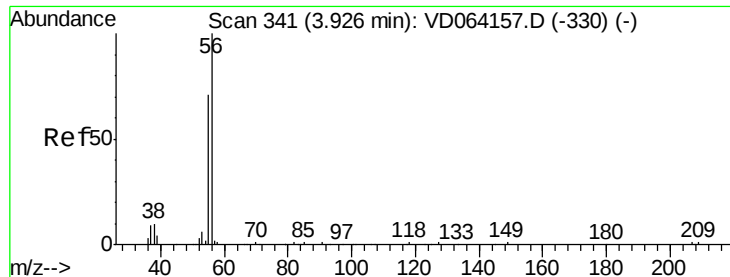
4.28

4.30

4.32

Time-->





#13

Acrolein

Concen: 1.206 ug/l

RT: 3.91 min Scan# 338

Delta R.T. -0.02 min

Lab File: VD064249.D

Acq: 16 Nov 2019 03:27

Instrument :

MSVOA_D

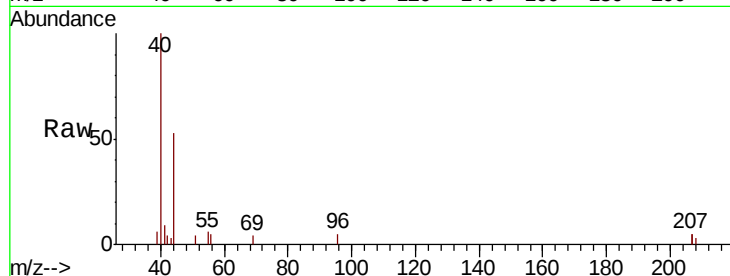
ClientSampled :

Tot Ion: 56 Resp: 231

Ion Ratio Lower Upper

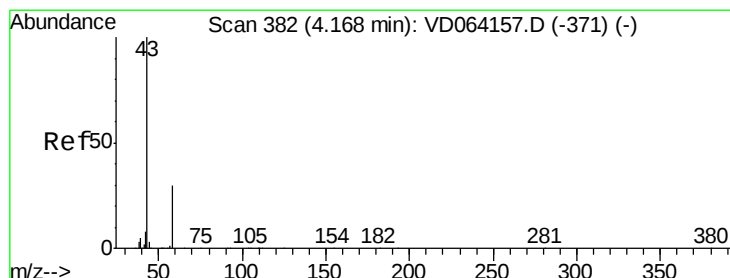
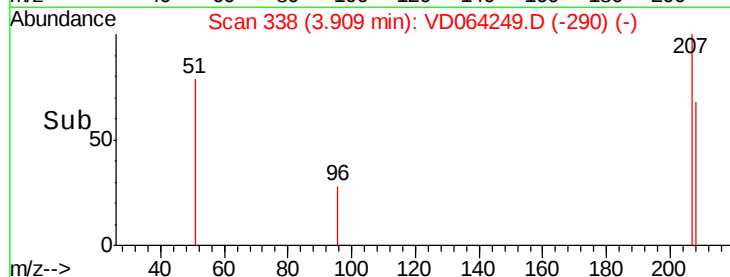
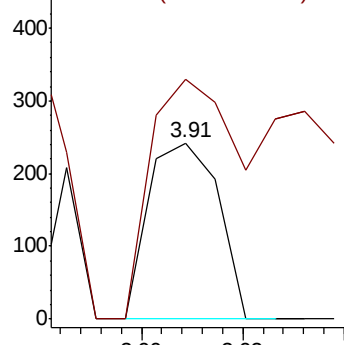
56 100

55 170.1 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 9.803 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064249.D

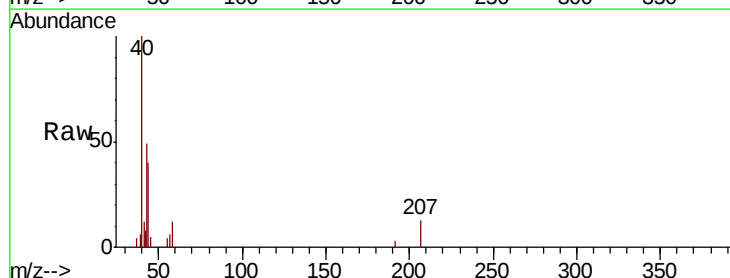
Acq: 16 Nov 2019 03:27

Tgt Ion: 43 Resp: 7525

Ion Ratio Lower Upper

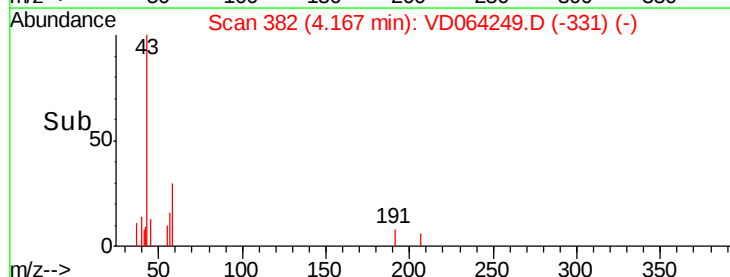
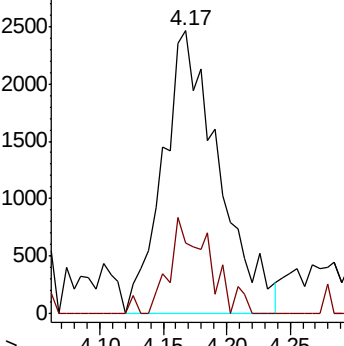
43 100

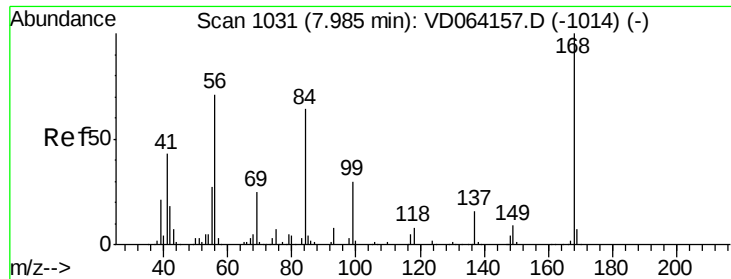
58 25.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

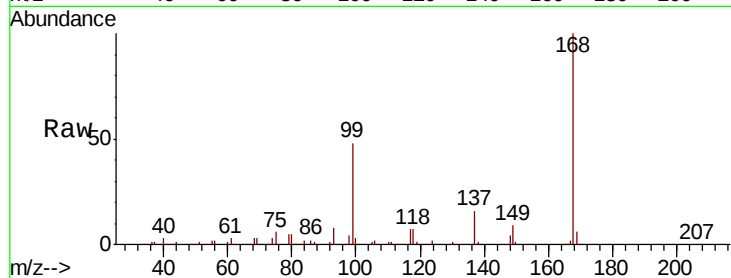




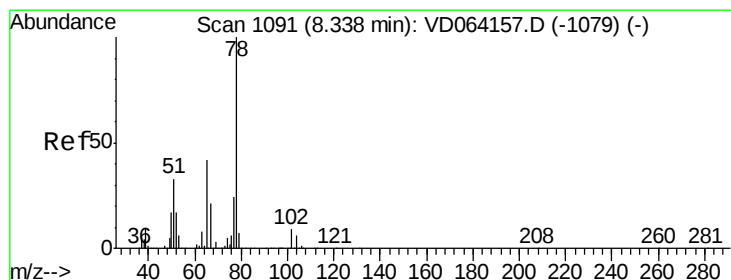
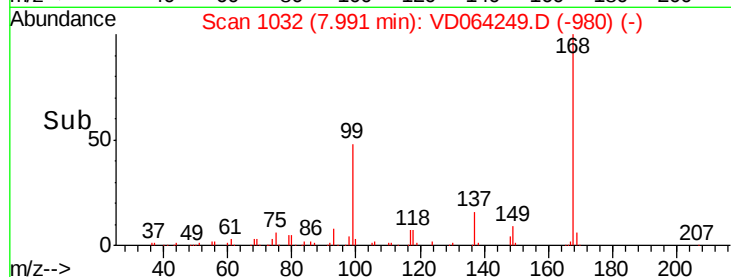
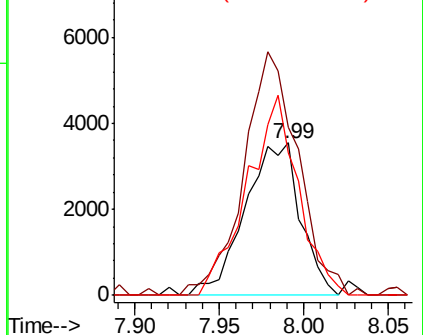
#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD064249.D
Acq: 16 Nov 2019 03:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 8090
Ion Ratio Lower Upper
56 100
69 103.5 28.2 42.4#
84 93.5 71.8 107.6

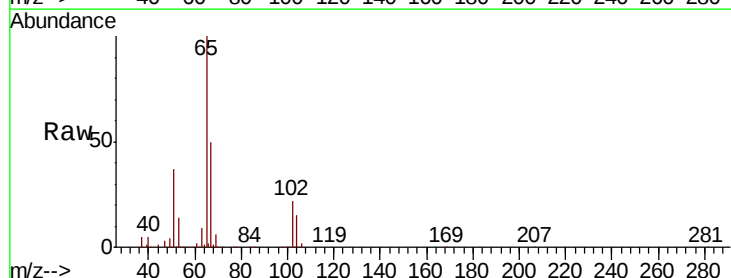


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

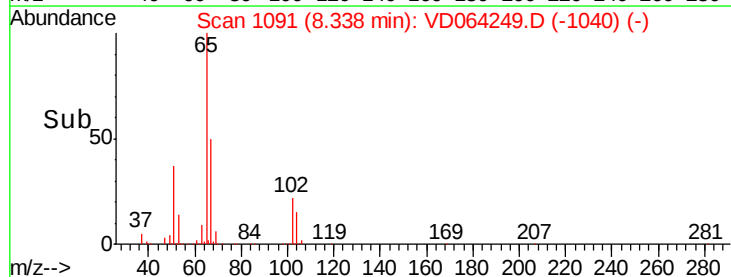
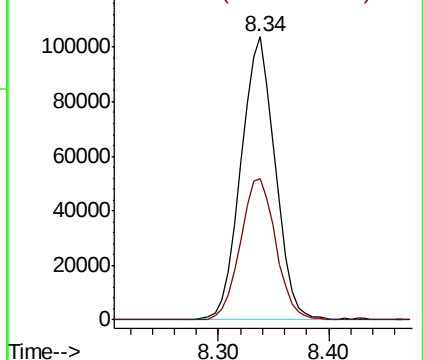


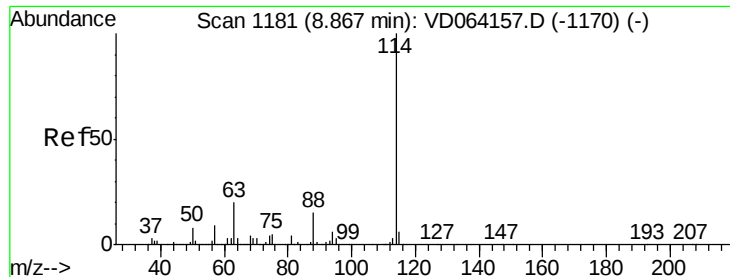
#33
1,2-Dichloroethane-d4
Concen: 69.685 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064249.D
Acq: 16 Nov 2019 03:27

Tgt Ion: 65 Resp: 225805
Ion Ratio Lower Upper
65 100
67 51.9 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: VD064249.D

Acq: 16 Nov 2019 03:27

Instrument :

MSVOA_D

ClientSampleId :

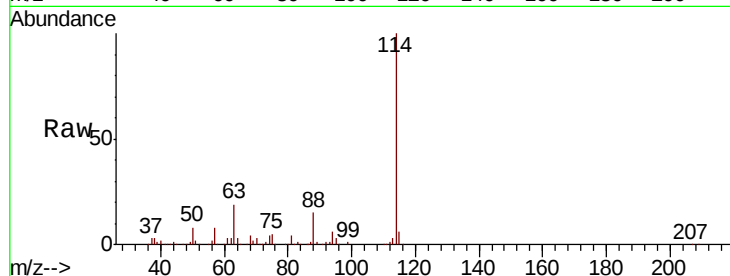
Tot Ion:114 Resp: 587661

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

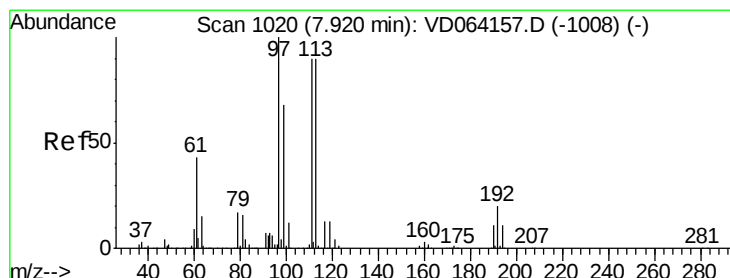
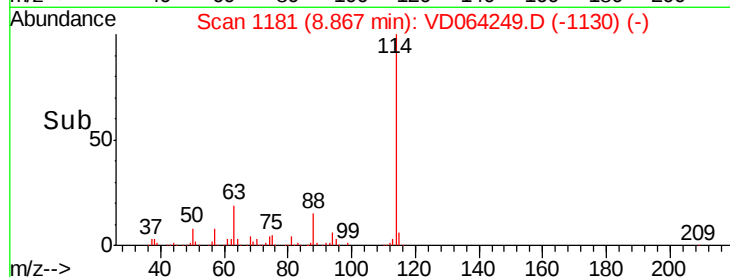
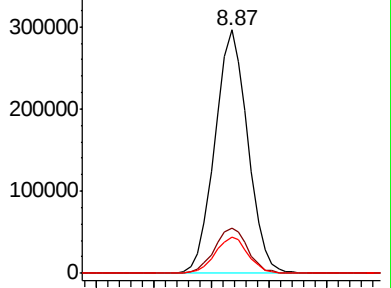
88 14.9 0.0 30.2



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: 55.268 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064249.D

Acq: 16 Nov 2019 03:27

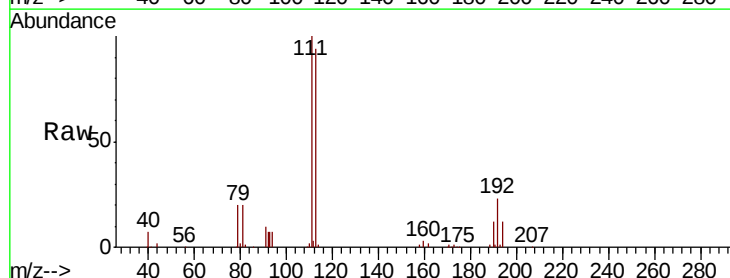
Tgt Ion:113 Resp: 186434

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

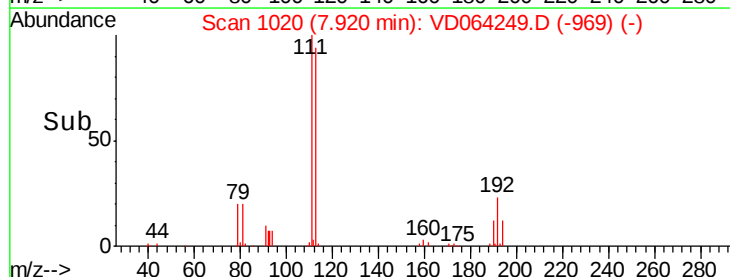
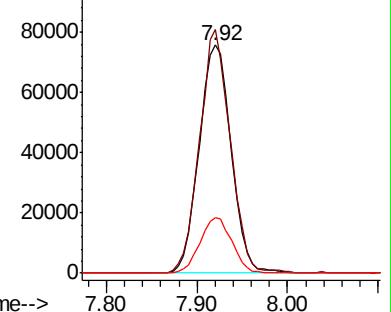
192 24.0 18.8 28.2

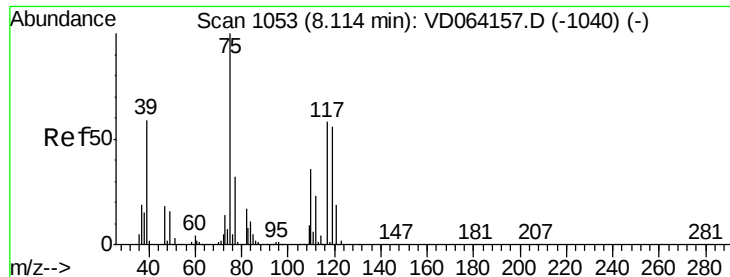


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

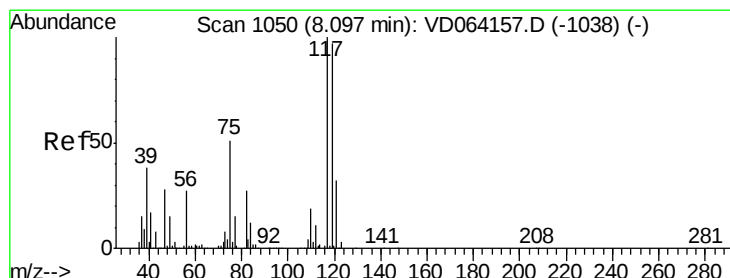
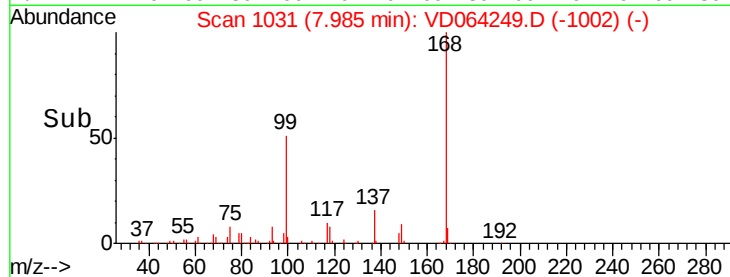
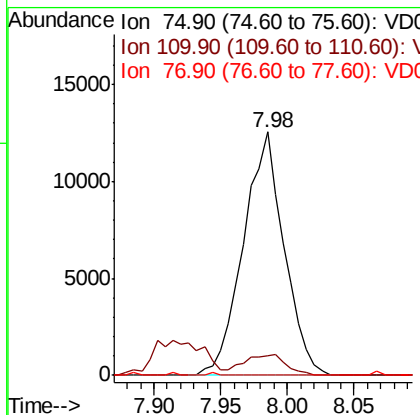
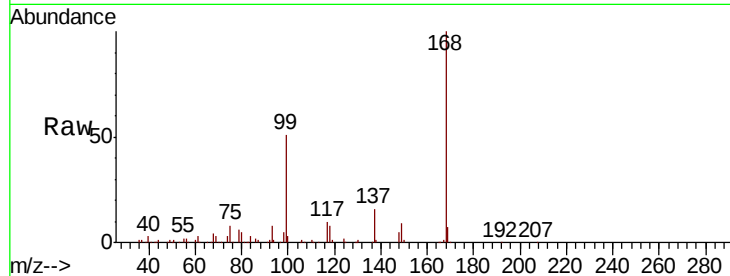




#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064249.D
 Acq: 16 Nov 2019 03:27

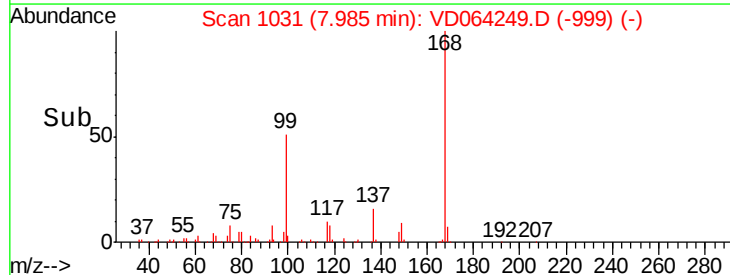
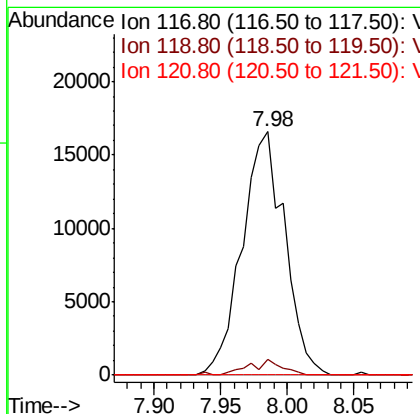
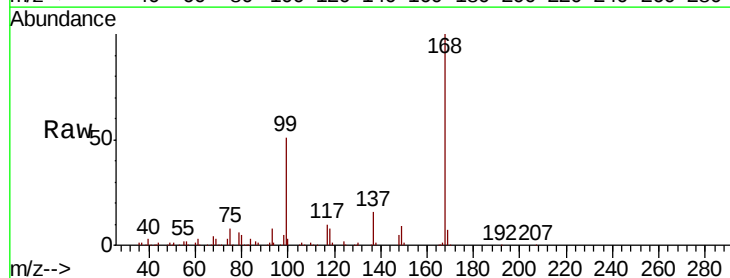
Instrument :
 MSVOA_D
 ClientSampleId :

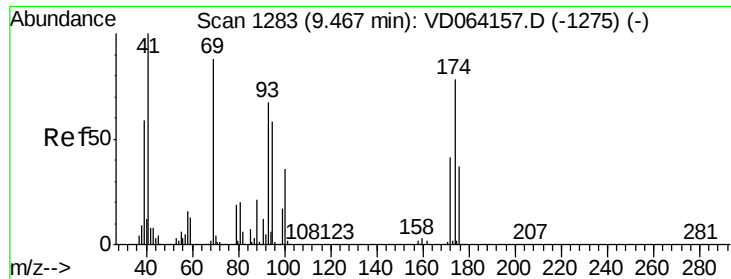
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.3	54.9#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.320 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064249.D
 Acq: 16 Nov 2019 03:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.2	115.8#
121	0.0	25.5	38.3#

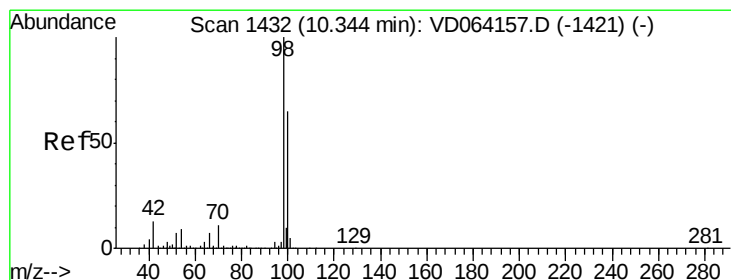
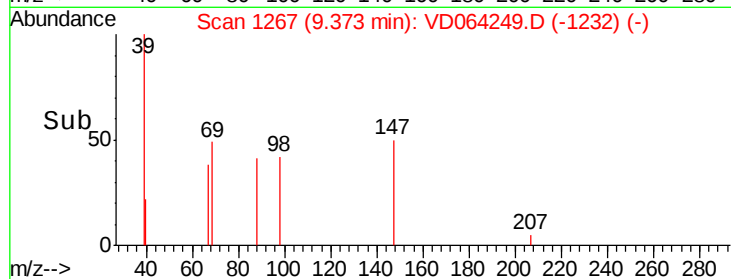
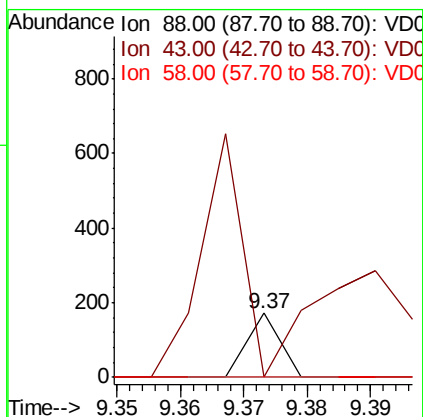
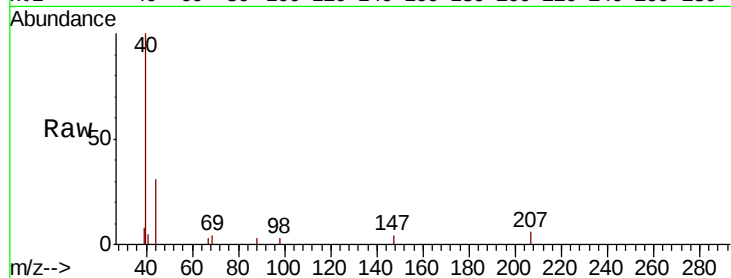




#49
1,4-Dioxane
Concen: 2.587 ug/l
RT: 9.37 min Scan# 1267
Delta R.T. -0.09 min
Lab File: VD064249.D
Acq: 16 Nov 2019 03:27

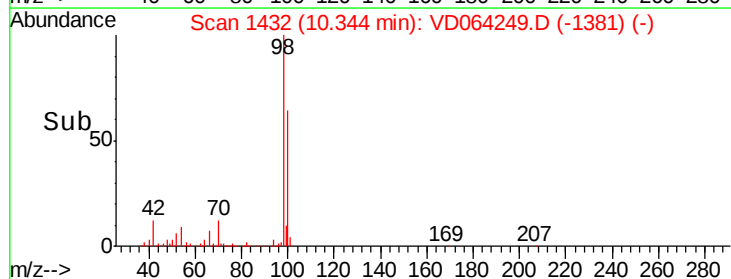
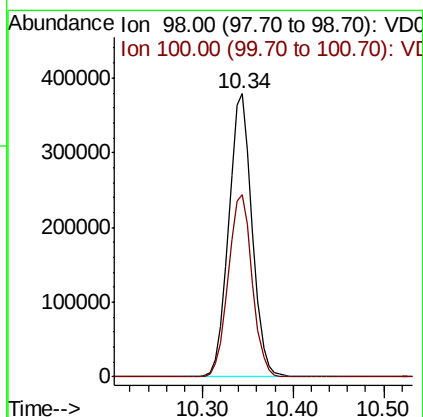
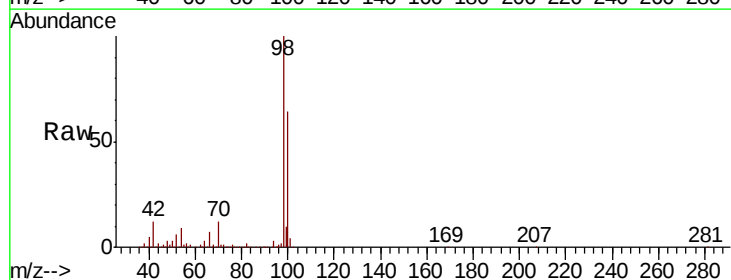
Instrument :
MSVOA_D
ClientSampleId :

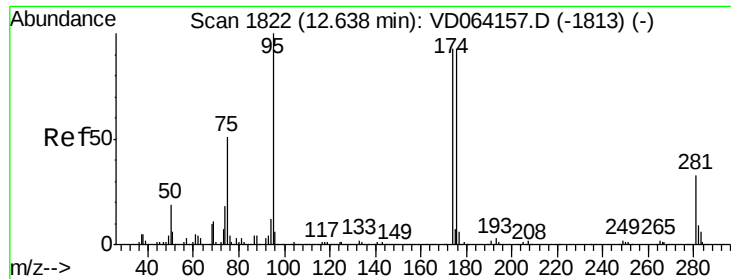
Tot Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 590.0 29.8 44.8#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 53.529 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064249.D
Acq: 16 Nov 2019 03:27

Tgt Ion: 98 Resp: 681179
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

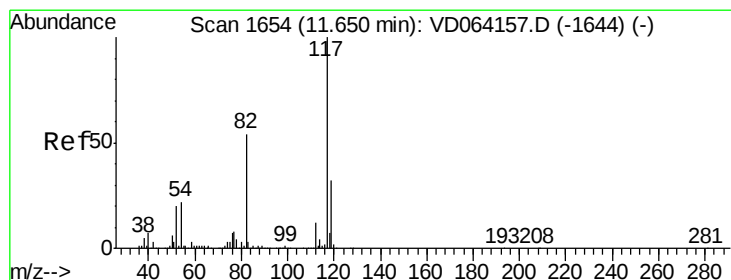
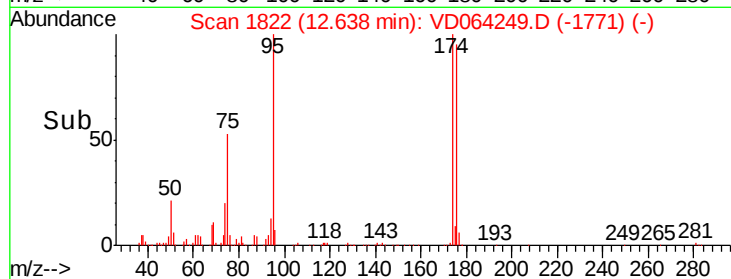
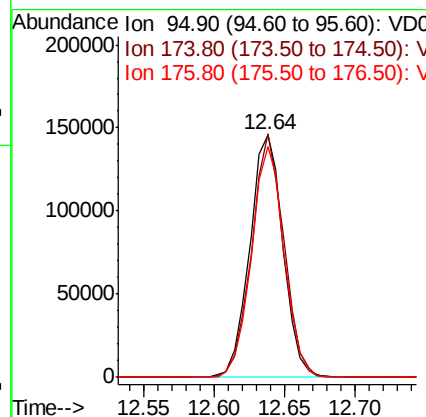
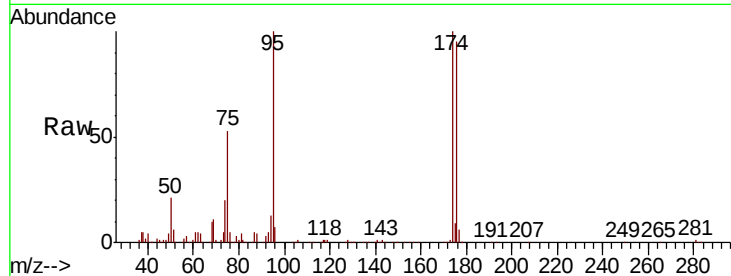




#62
4-Bromofluorobenzene
Concen: 54.708 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064249.D
Acq: 16 Nov 2019 03:27

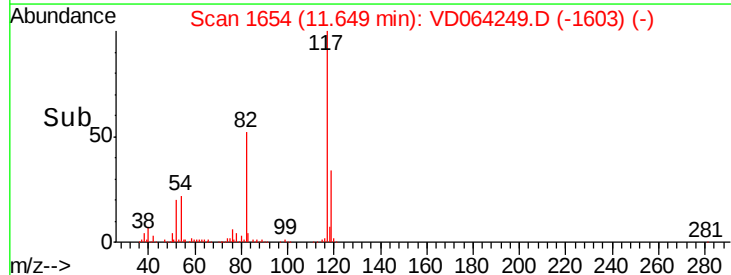
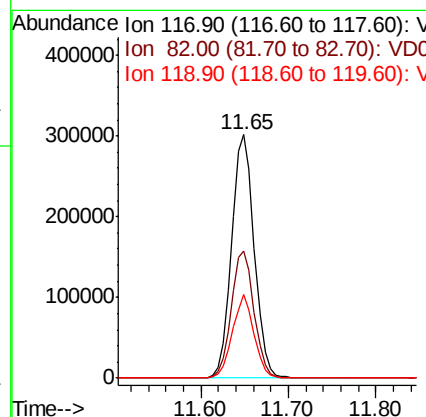
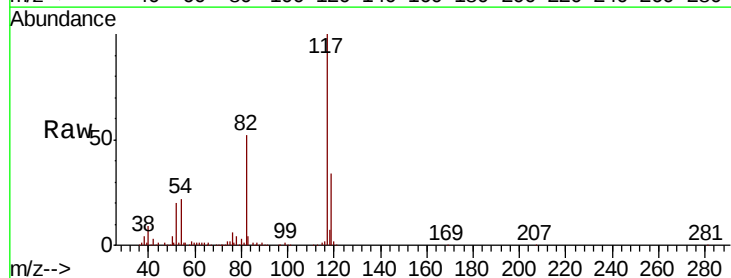
Instrument :
MSVOA_D
ClientSampleId :

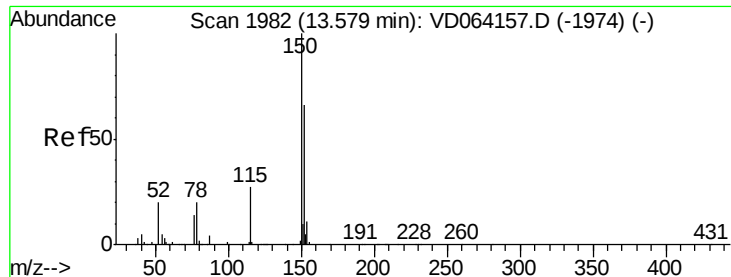
Tot Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	183.6
176	93.2	0.0	180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064249.D
Acq: 16 Nov 2019 03:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.8	64.2
119	34.2	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD064249.D

Acq: 16 Nov 2019 03:27

Instrument :

MSVOA_D

ClientSampleId :

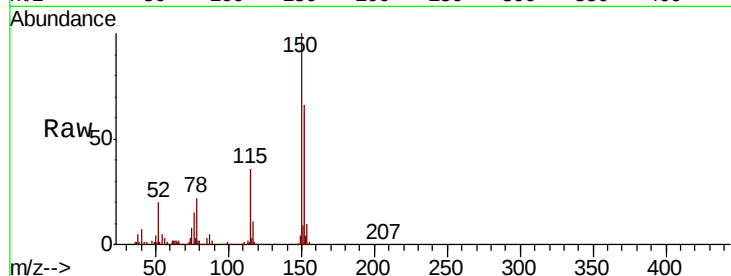
Tot Ion:152 Resp: 277024

Ion Ratio Lower Upper

152 100

115 55.3 27.4 82.2

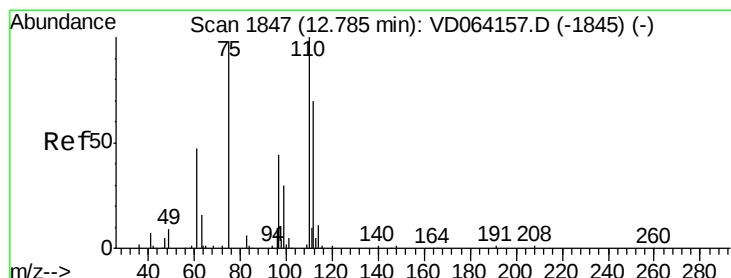
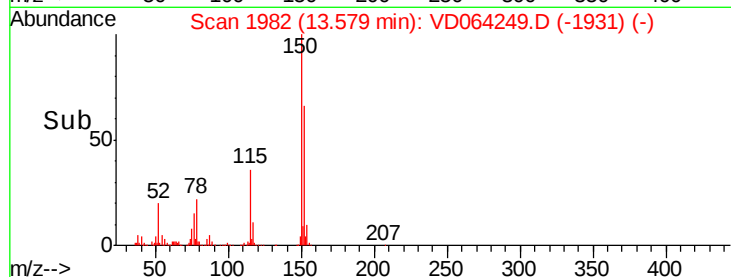
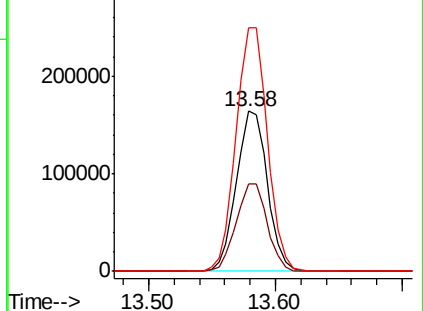
150 154.3 0.0 351.6



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: 56.156 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064249.D

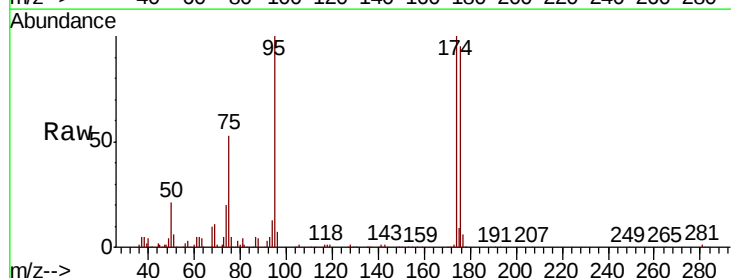
Acq: 16 Nov 2019 03:27

Tgt Ion: 75 Resp: 125303

Ion Ratio Lower Upper

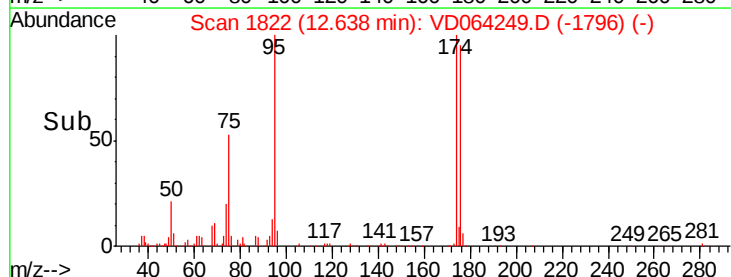
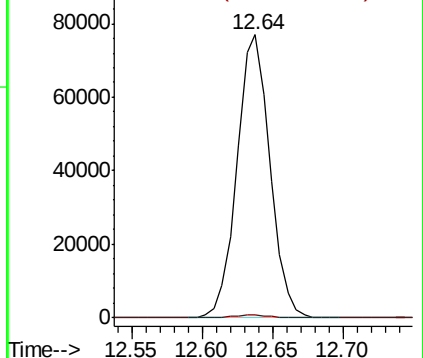
75 100

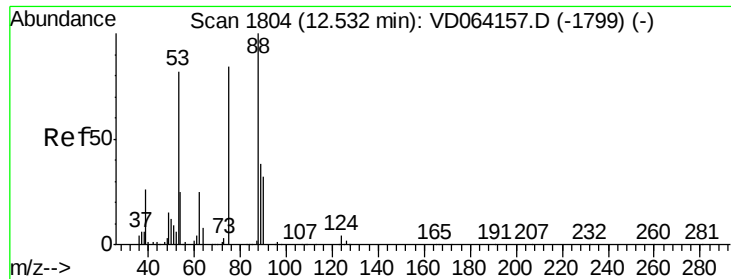
77 1.2 0.0 0.0#



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: 111.548 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064249.D

Acq: 16 Nov 2019 03:27

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 125303

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.0#

89 0.1 36.6 55.0#

