

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064294.D
 Acq On : 19 Nov 2019 17:19
 Operator : VA/SY
 Sample : K5927-03
 Misc : 6.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:27:41 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	7.99	168	935888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1356477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1196490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	580004	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	398695	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
35) Dibromofluoromethane	7.92	113	410180	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
50) Toluene-d8	10.34	98	1579921	53.79	ug/l	0.00
Spiked Amount			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.64	95	506128	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	

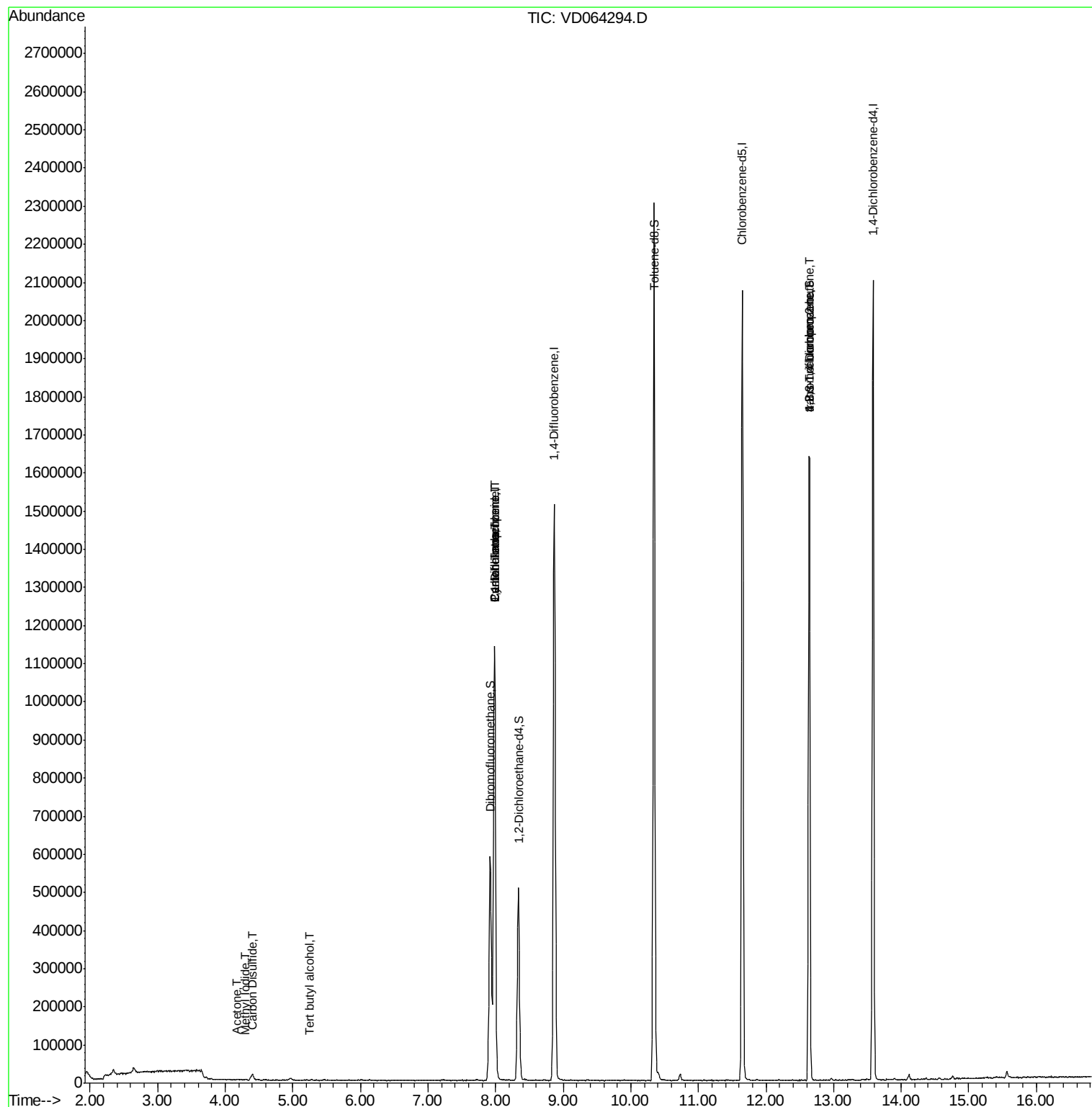
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	179	2.050	ug/l #	41
11) Tert butyl alcohol	5.24	59	693	1.289	ug/l #	69
16) Acetone	4.17	43	3330	1.826	ug/l #	45
17) Carbon Disulfide	4.40	76	32839	1.341	ug/l #	92
31) Cyclohexane	7.99	56	18571	1.229	ug/l #	40
36) 1,1-Dichloropropene	7.98	75	62928	5.027	ug/l #	48
38) Carbon Tetrachloride	7.98	117	84581	6.314	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	263350	56.371	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	263350	111.974	ug/l #	10

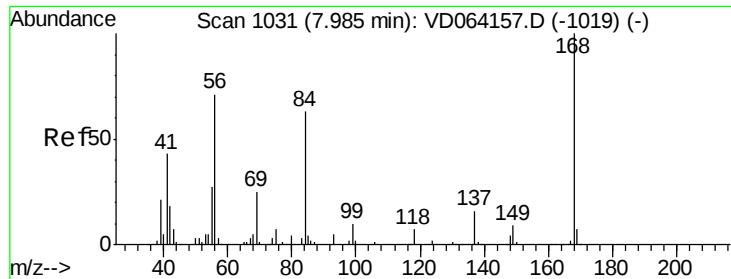
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111919\
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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064294.D

Acq: 19 Nov 2019 17:19

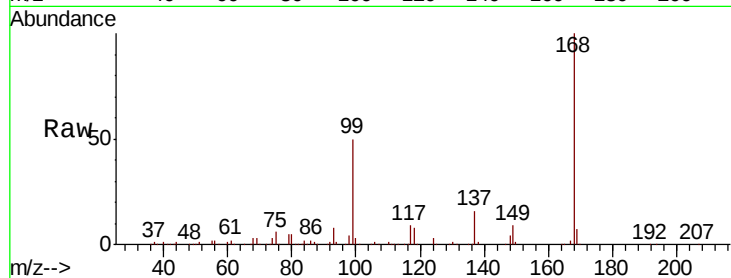
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 935888

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

7.99

400000

300000

200000

100000

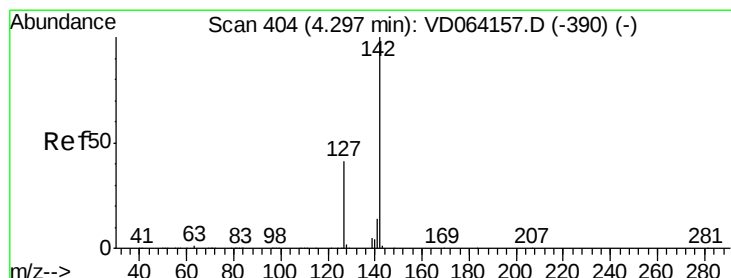
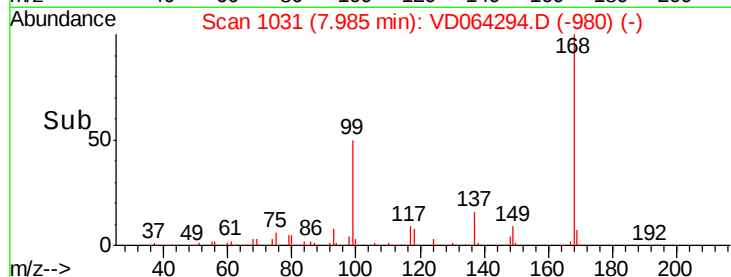
0

Time-->

7.90

8.00

8.10



#10

Methyl Iodide

Concen: 2.050 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064294.D

Acq: 19 Nov 2019 17:19

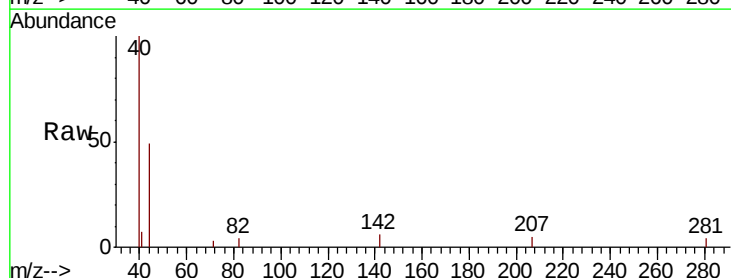
Tgt Ion:142 Resp: 179

Ion Ratio Lower Upper

142 100

127 0.0 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

4.29

400

300

200

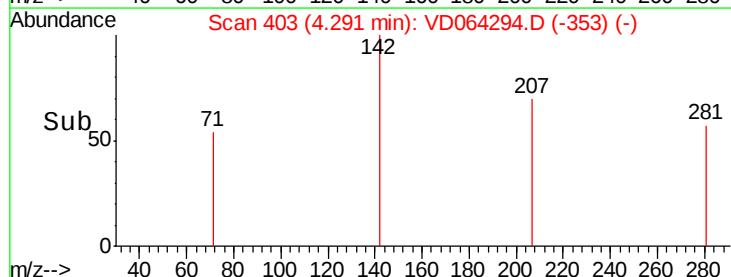
100

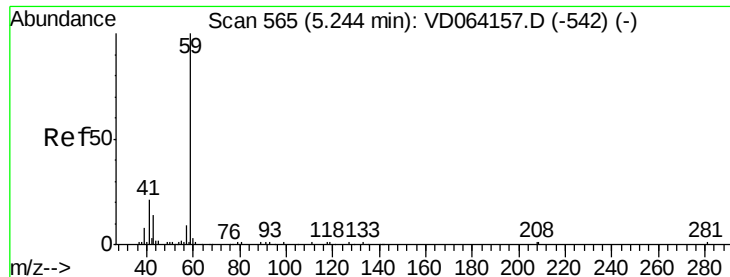
0

Time-->

4.28

4.30



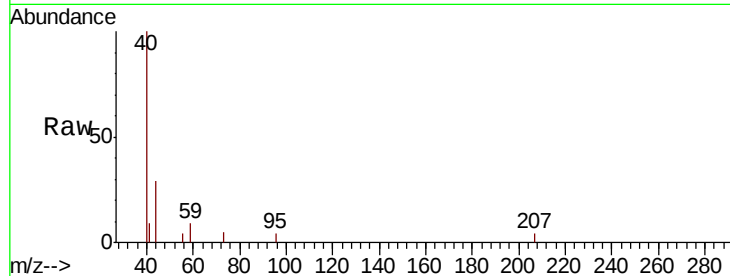


#11

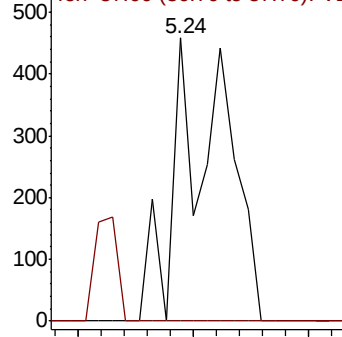
Tert butyl alcohol
 Concen: 1.289 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VD064294.D
 Acq: 19 Nov 2019 17:19

Instrument :
 MSVOA_D
 ClientSampled :

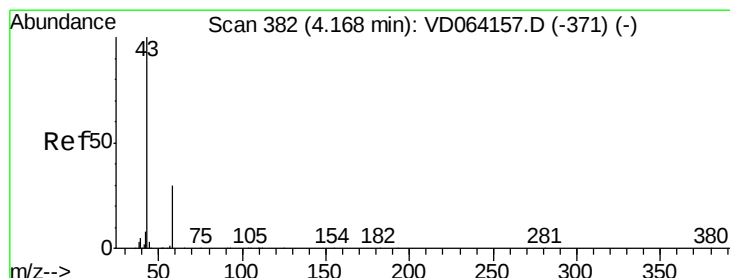
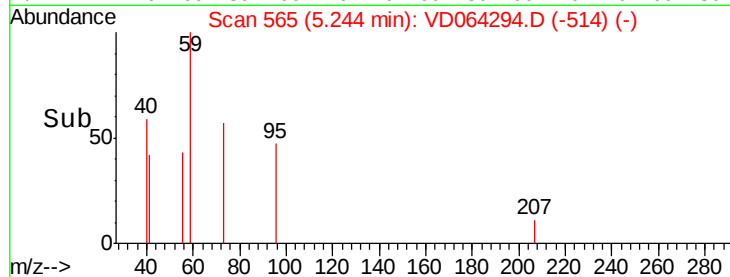
Tot Ion: 59 Resp: 693
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.4 14.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



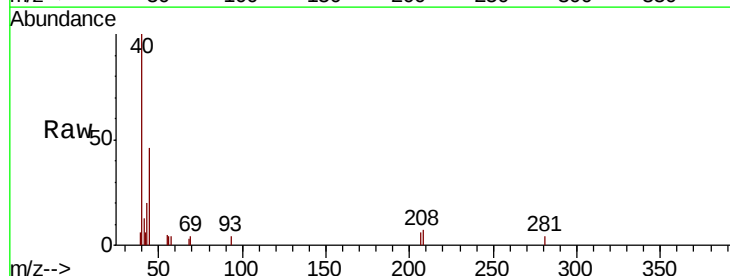
Time-->



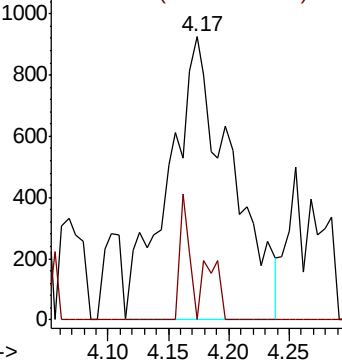
#16

Acetone
 Concen: 1.826 ug/l
 RT: 4.17 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VD064294.D
 Acq: 19 Nov 2019 17:19

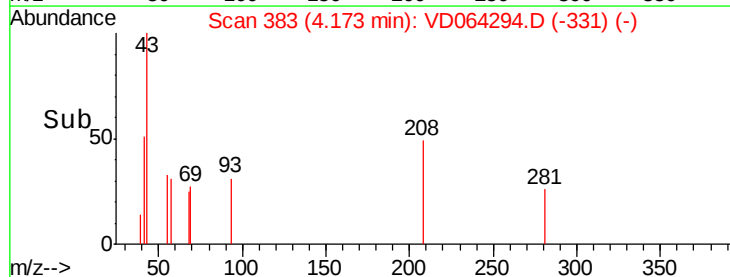
Tgt Ion: 43 Resp: 3330
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.1 36.1#

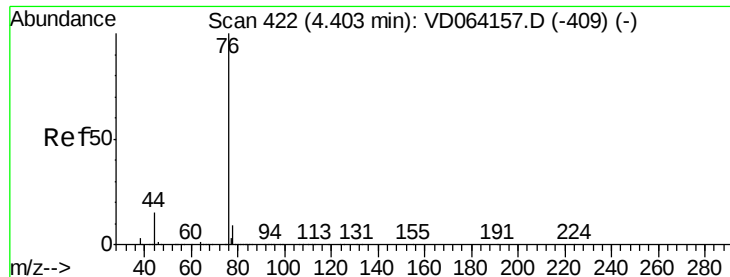


Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC



Time-->





#17

Carbon Disulfide

Concen: 1.341 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD064294.D

Acq: 19 Nov 2019 17:19

Instrument :

MSVOA_D

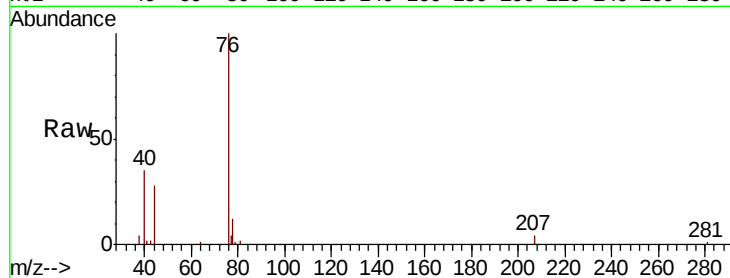
ClientSampleId :

Tot Ion: 76 Resp: 32839

Ion Ratio Lower Upper

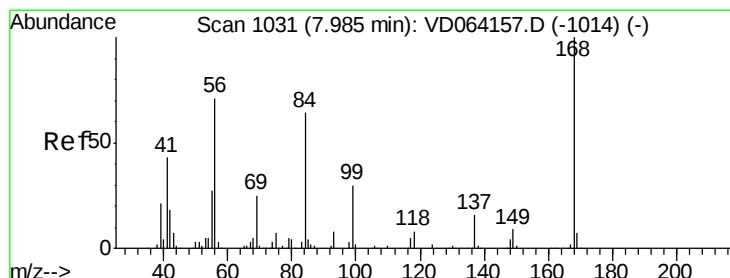
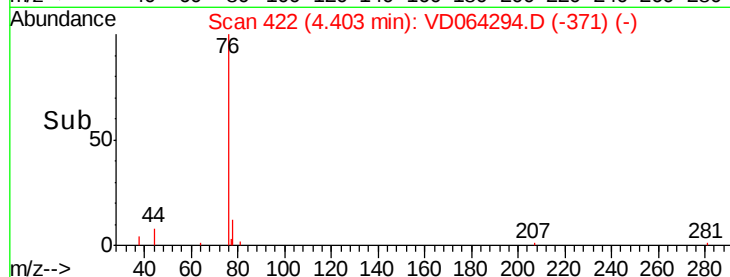
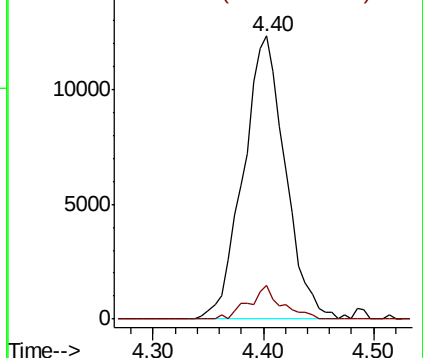
76 100

78 12.1 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#31

Cyclohexane

Concen: 1.229 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064294.D

Acq: 19 Nov 2019 17:19

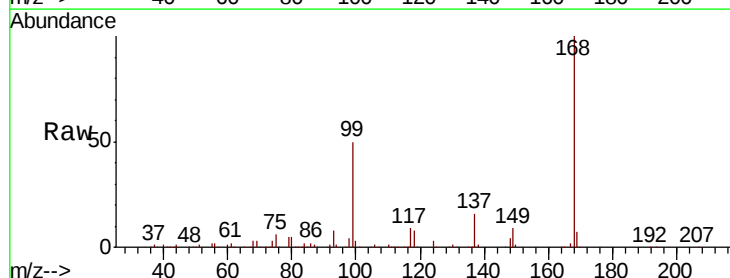
Tgt Ion: 56 Resp: 18571

Ion Ratio Lower Upper

56 100

69 139.1 28.2 42.4#

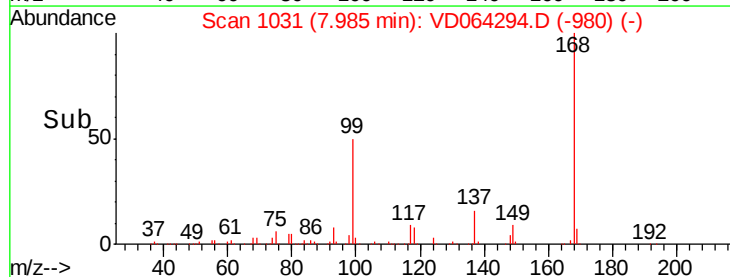
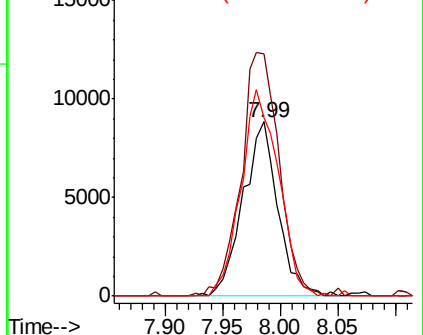
84 102.2 71.8 107.6

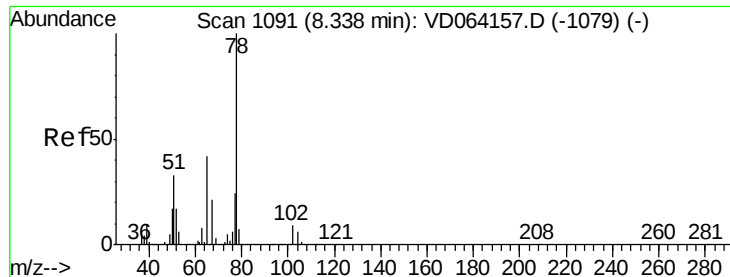


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.798 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064294.D

Acq: 19 Nov 2019 17:19

Instrument :

MSVOA_D

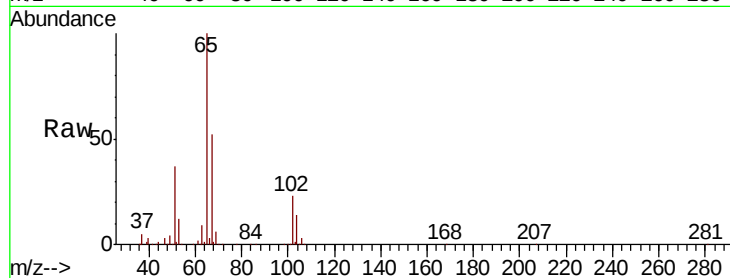
ClientSampleId :

Tot Ion: 65 Resp: 398695

Ion Ratio Lower Upper

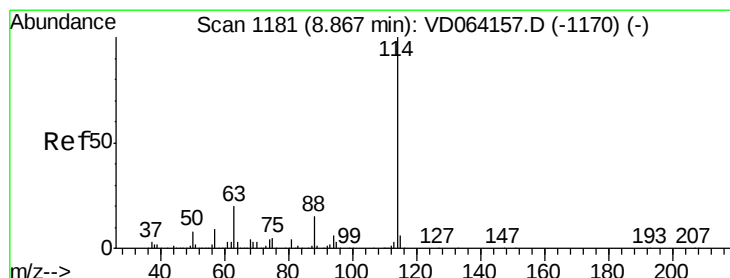
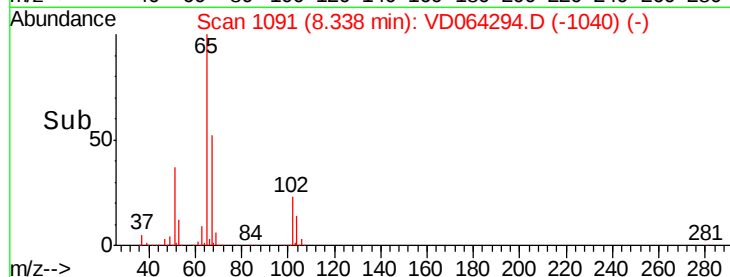
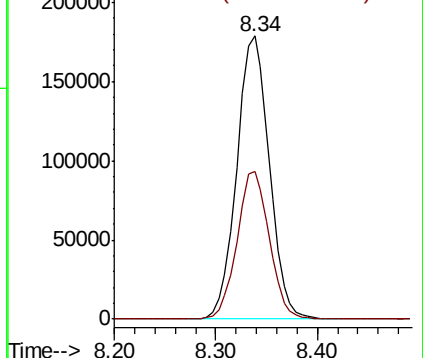
65 100

67 51.8 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: VD064294.D

Acq: 19 Nov 2019 17:19

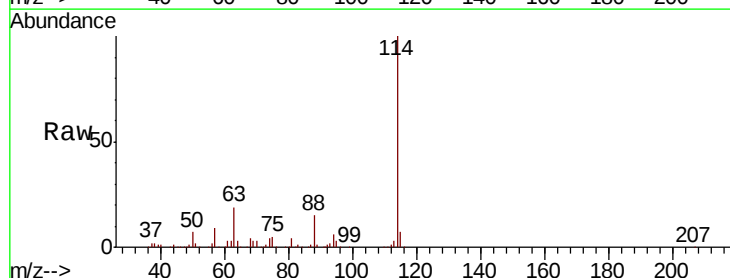
Tgt Ion: 114 Resp: 1356477

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

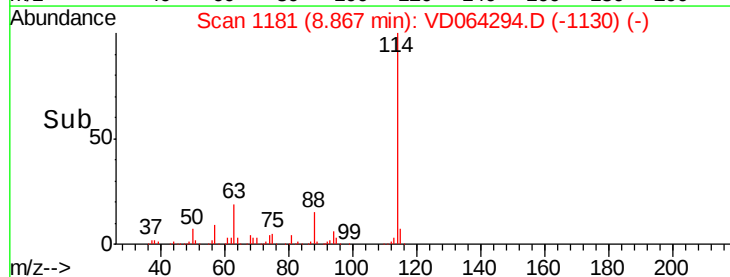
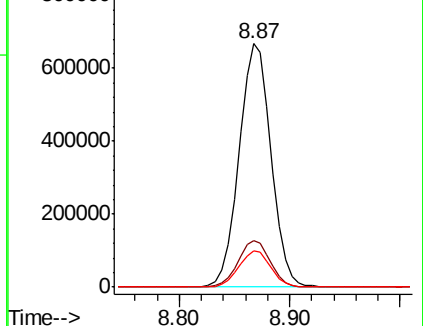
88 14.9 0.0 30.2

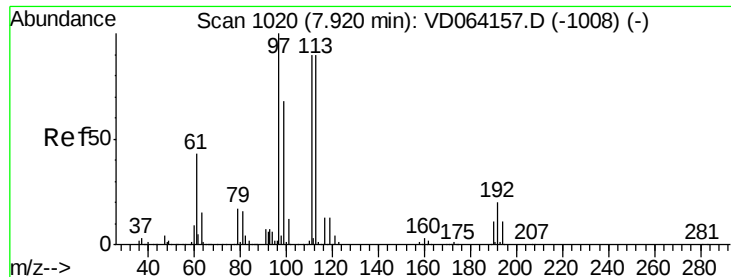


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

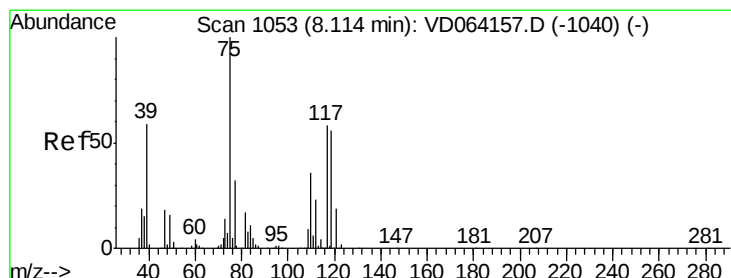
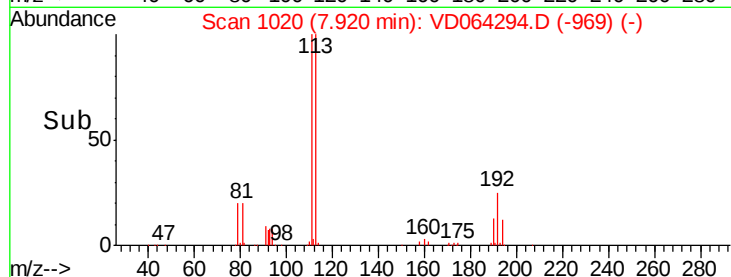
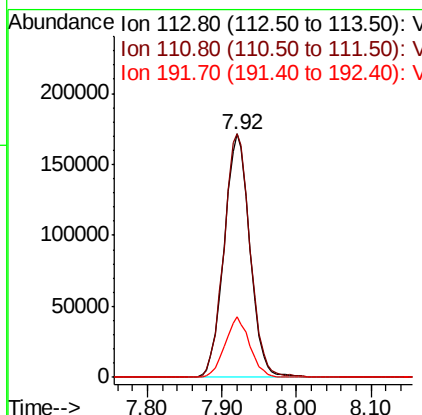
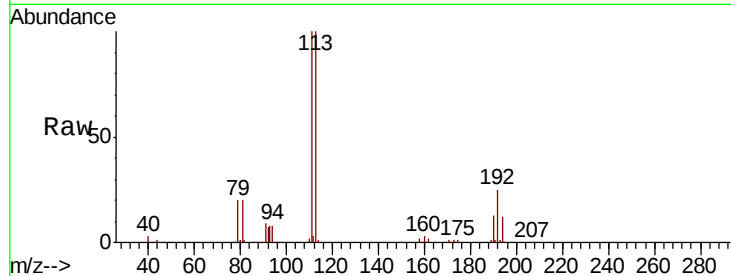




#35
 Dibromofluoromethane
 Concen: 52.679 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064294.D
 Acq: 19 Nov 2019 17:19

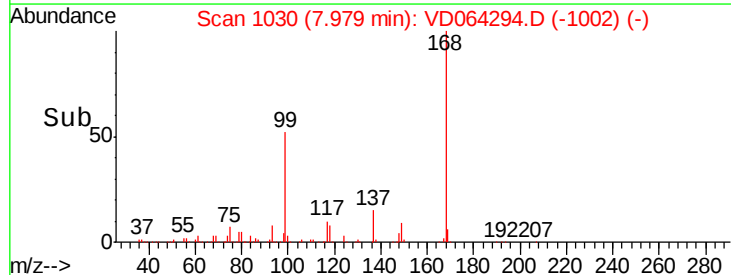
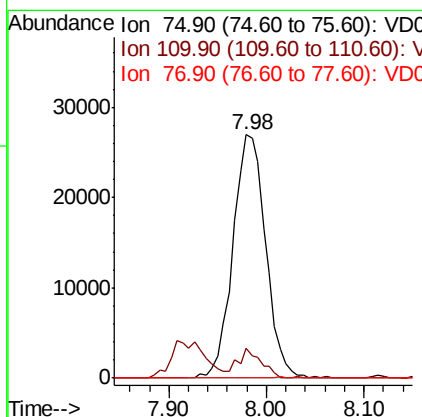
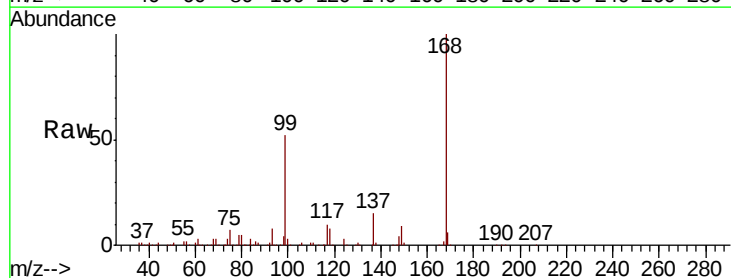
Instrument :
 MSVOA_D
 ClientSampleId :

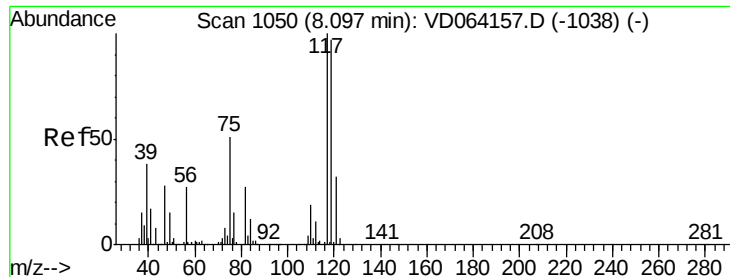
Tot Ion:113 Resp: 410180
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 23.9 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 5.027 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064294.D
 Acq: 19 Nov 2019 17:19

Tgt Ion: 75 Resp: 62928
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.3 54.9#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.314 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064294.D

Acq: 19 Nov 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

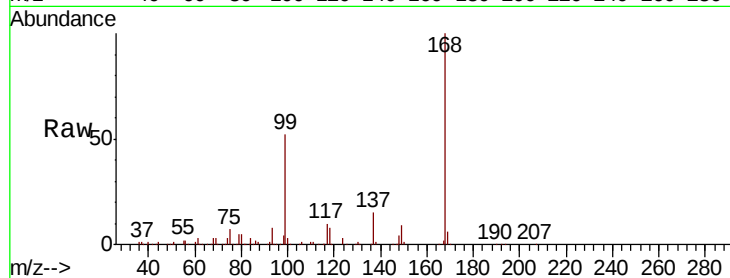
Tot Ion:117 Resp: 84581

Ion Ratio Lower Upper

117 100

119 3.9 77.2 115.8#

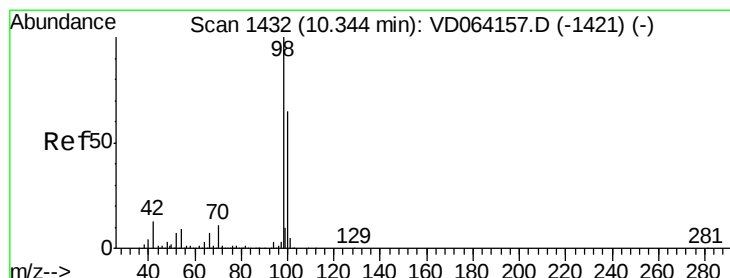
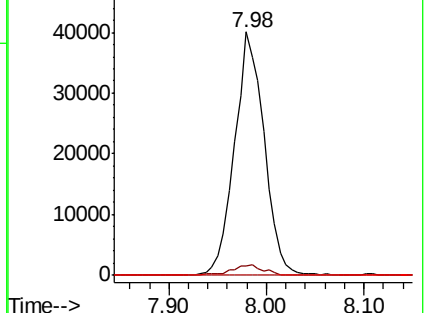
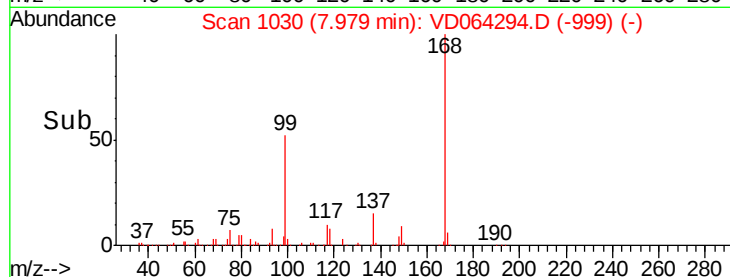
121 0.0 25.5 38.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 53.787 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064294.D

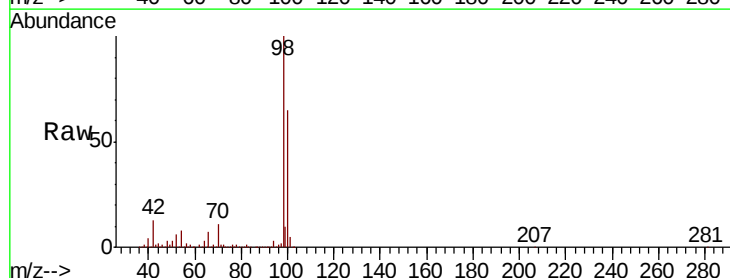
Acq: 19 Nov 2019 17:19

Tgt Ion: 98 Resp: 1579921

Ion Ratio Lower Upper

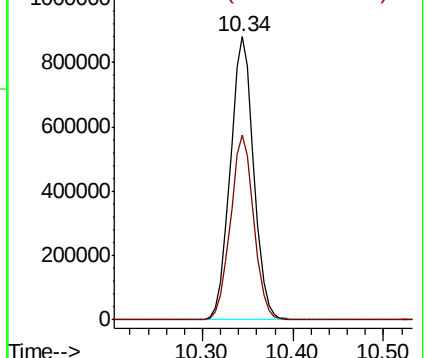
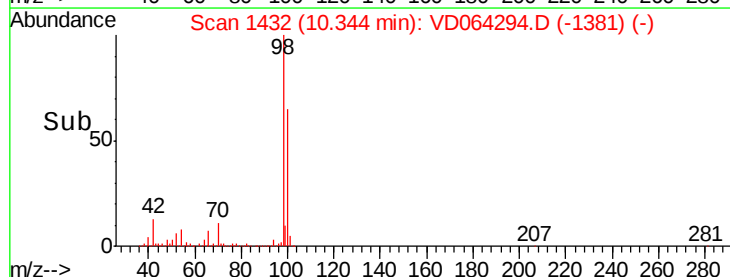
98 100

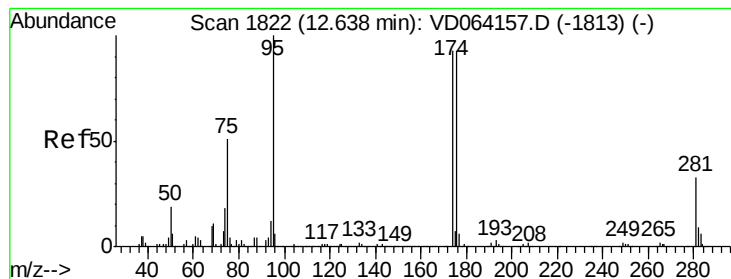
100 65.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.756 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064294.D

Acq: 19 Nov 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

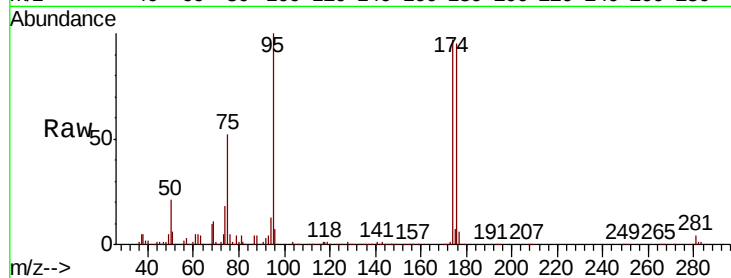
Tot Ion: 95 Resp: 506128

Ion Ratio Lower Upper

95 100

174 97.6 0.0 183.6

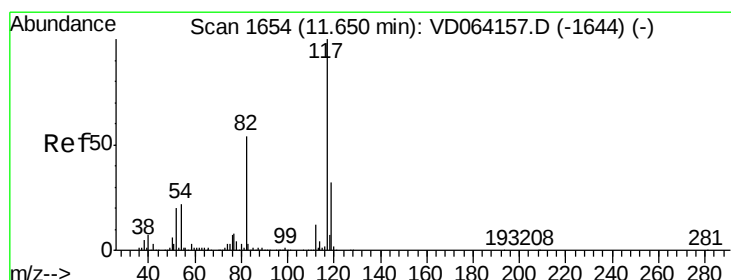
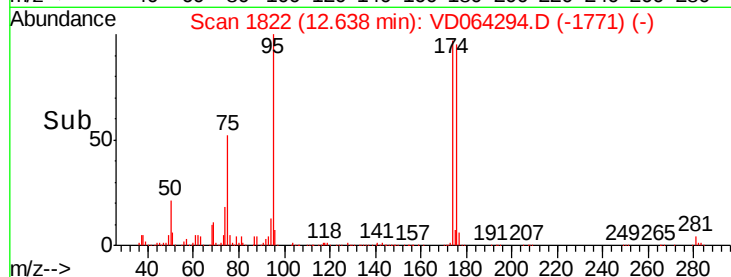
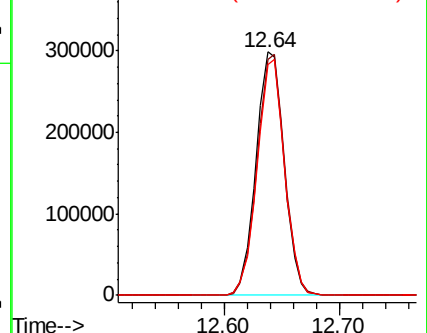
176 94.8 0.0 180.2



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: VD064294.D

Acq: 19 Nov 2019 17:19

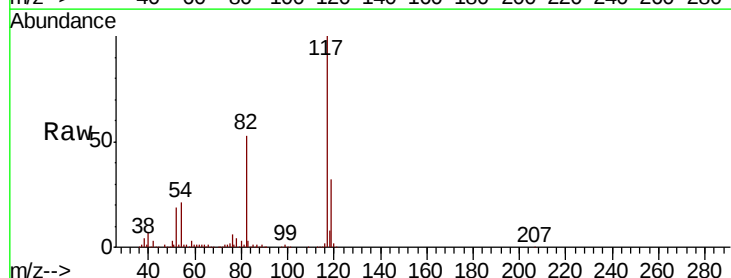
Tgt Ion: 117 Resp: 1196490

Ion Ratio Lower Upper

117 100

82 53.3 42.8 64.2

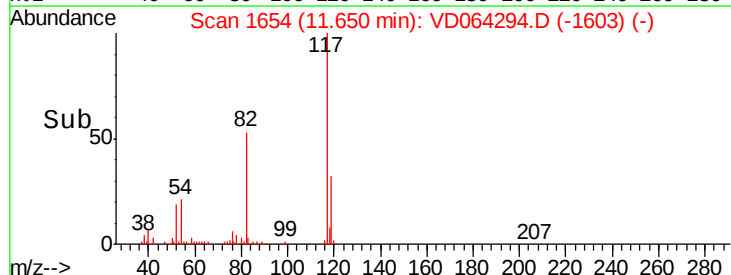
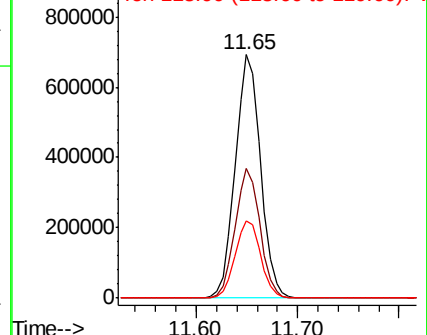
119 32.0 25.6 38.4

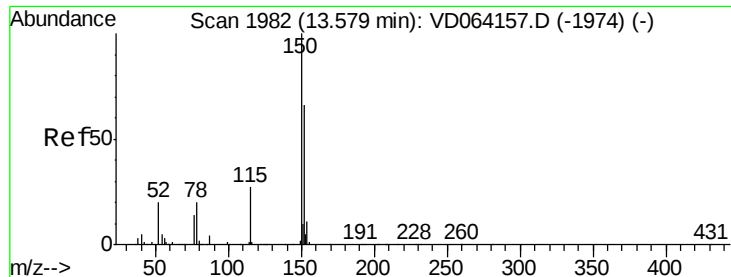


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064294.D

Acq: 19 Nov 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

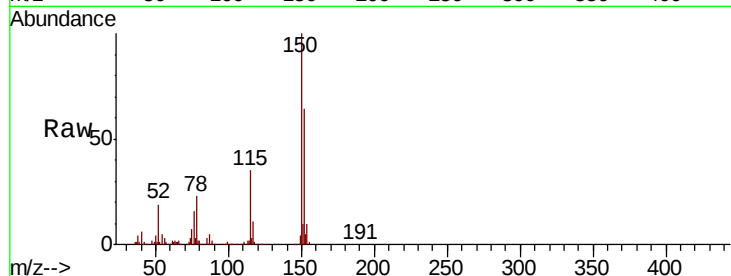
Tot Ion:152 Resp: 580004

Ion Ratio Lower Upper

152 100

115 54.5 27.4 82.2

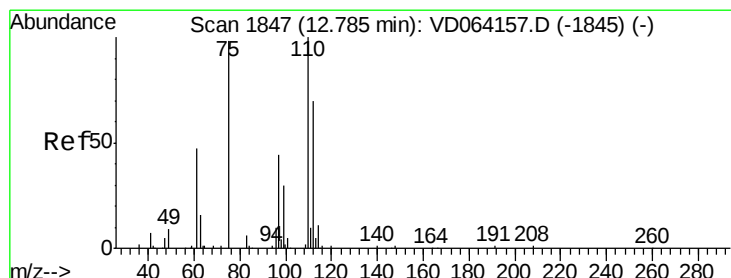
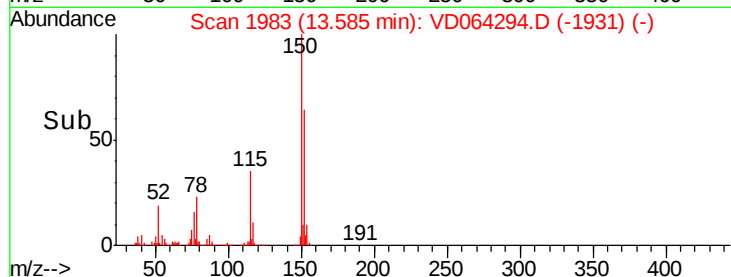
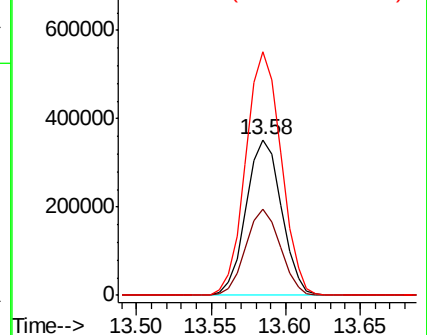
150 156.7 0.0 351.6



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: 56.371 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064294.D

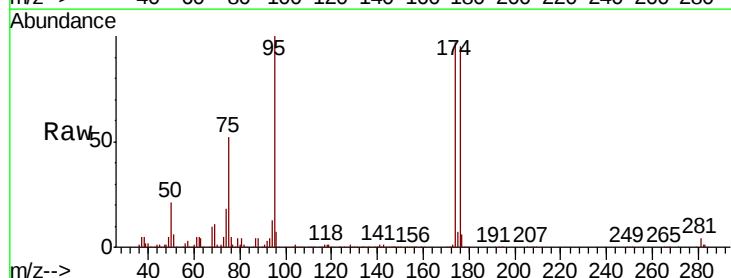
Acq: 19 Nov 2019 17:19

Tgt Ion: 75 Resp: 263350

Ion Ratio Lower Upper

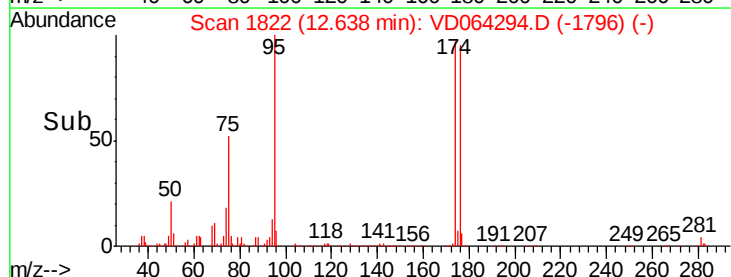
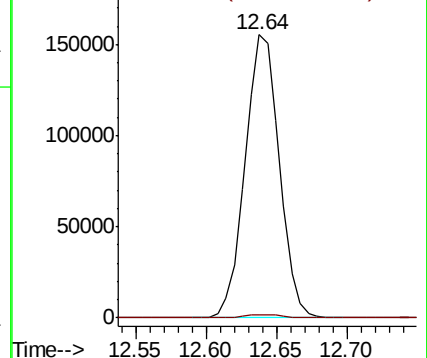
75 100

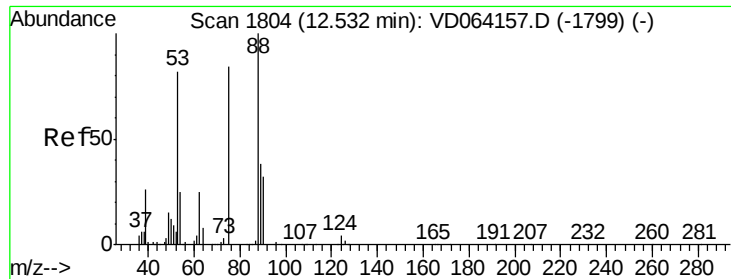
77 1.3 0.0 0.0#



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: 111.974 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064294.D

Acq: 19 Nov 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 263350

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#

