

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064379.D
 Acq On : 26 Nov 2019 12:52
 Operator : VA/SY
 Sample : K6021-04
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 05:53:18 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

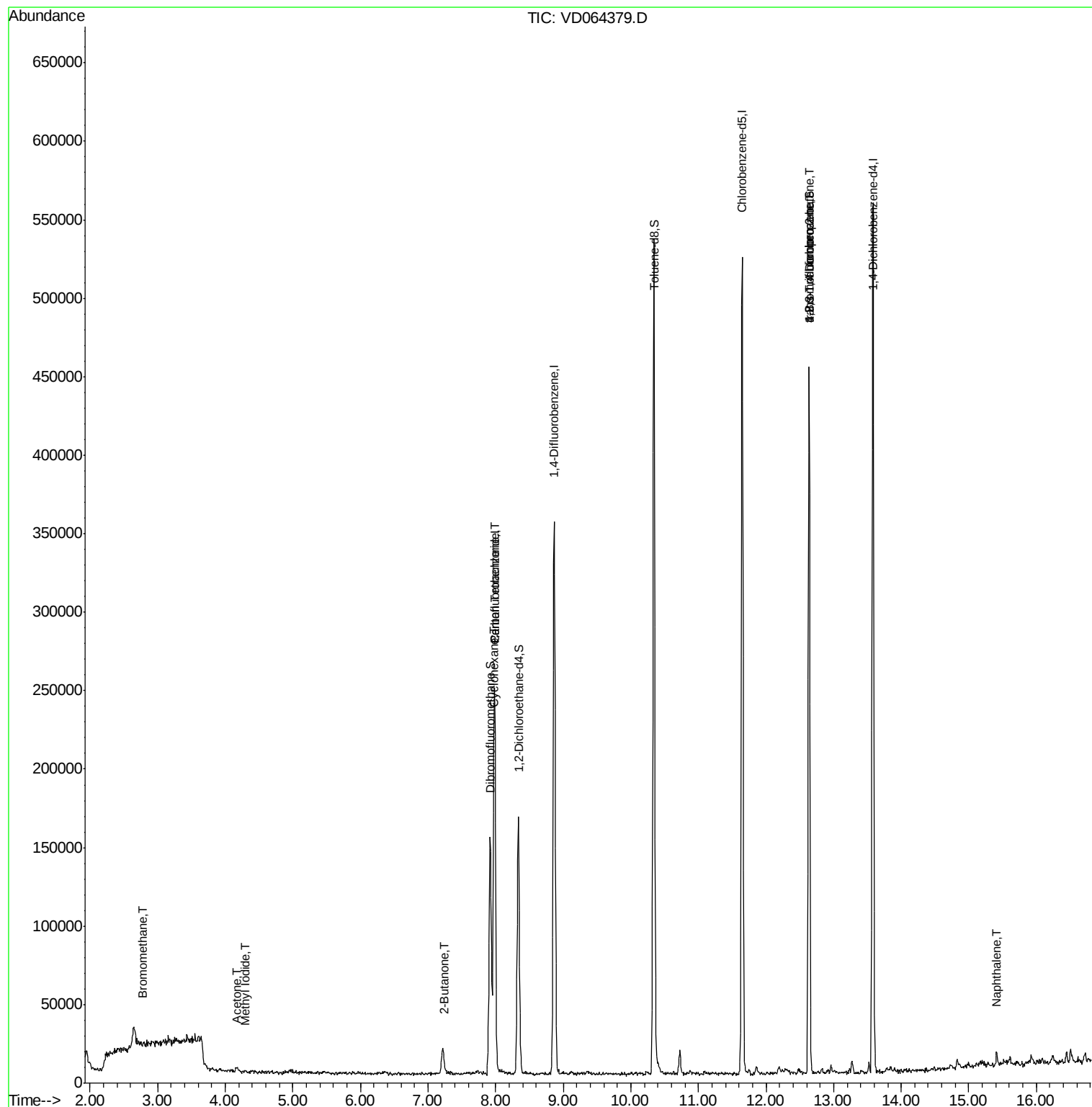
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	201307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	315913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	303533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	155092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	130782	78.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	157.98%	
35) Dibromofluoromethane	7.92	113	108624	59.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.80%	
50) Toluene-d8	10.34	98	374581	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
62) 4-Bromofluorobenzene	12.64	95	135581	57.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.46%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.78	94	1345	1.112	ug/l #	35
10) Methyl Iodide	4.29	142	1001	2.505	ug/l #	55
16) Acetone	4.17	43	6348	16.185	ug/l #	79
25) 2-Butanone	7.24	43	2347	4.632	ug/l	96
31) Cyclohexane	7.97	56	4739	1.458	ug/l #	29
38) Carbon Tetrachloride	7.99	117	18607	5.964	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	72086	57.705	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	72086	114.624	ug/l #	10
95) Naphthalene	15.41	128	6313	1.149	ug/l #	95

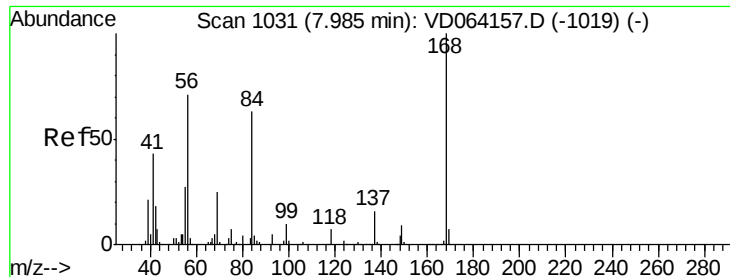
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112619\
Data File : VD064379.D
Acq On : 26 Nov 2019 12:52
Operator : VA/SY
Sample : K6021-04
Misc : 5.06G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 27 05:53:18 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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064379.D

Acq: 26 Nov 2019 12:52

Instrument :

MSVOA_D

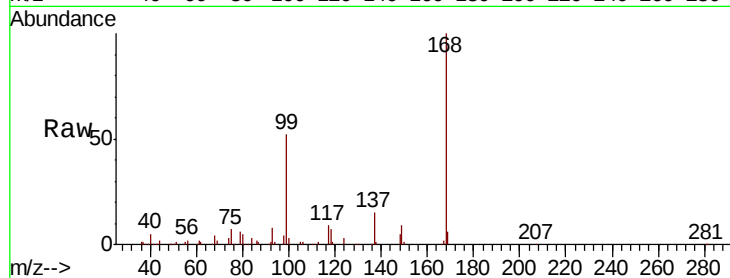
ClientSampled :

Tot Ion:168 Resp: 201307

Ion Ratio Lower Upper

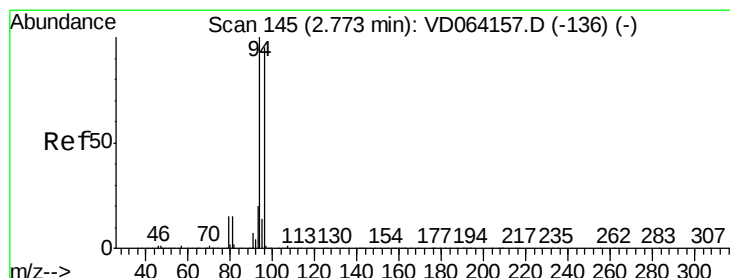
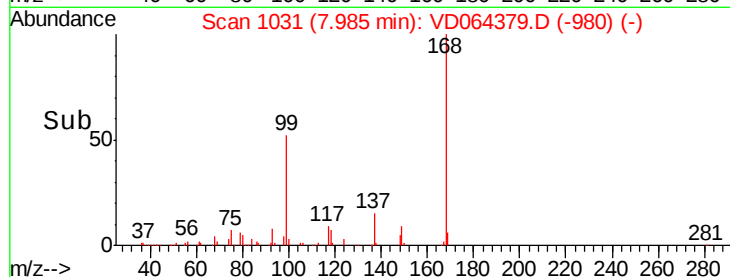
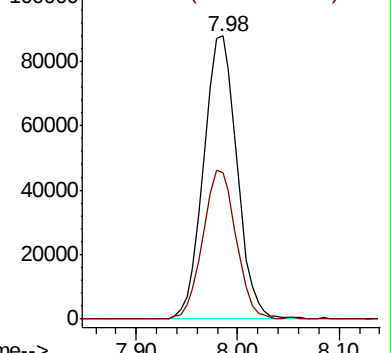
168 100

99 51.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: 1.112 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD064379.D

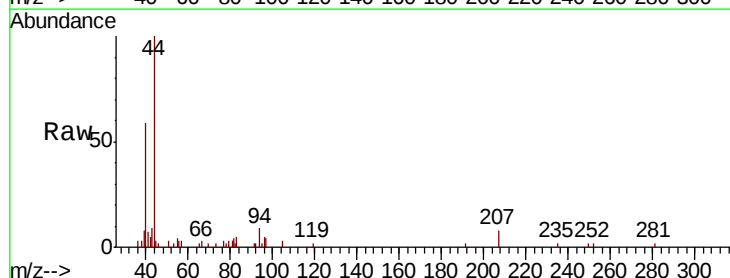
Acq: 26 Nov 2019 12:52

Tgt Ion: 94 Resp: 1345

Ion Ratio Lower Upper

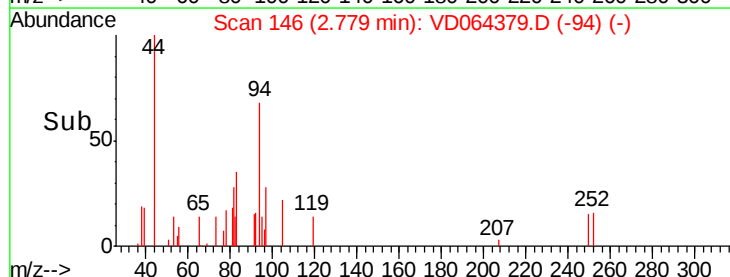
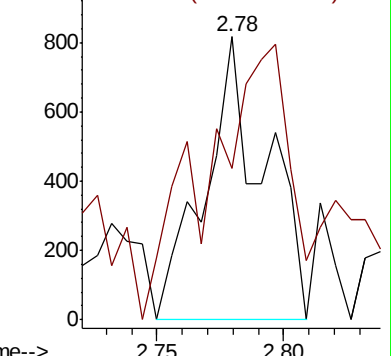
94 100

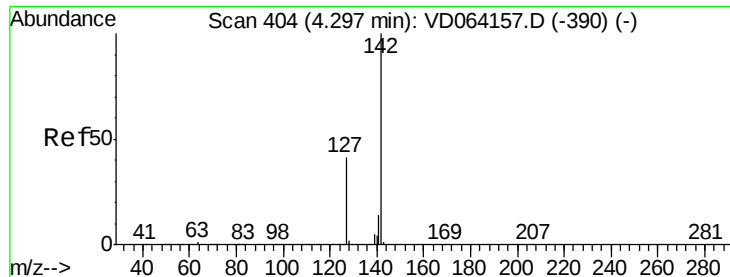
96 32.4 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

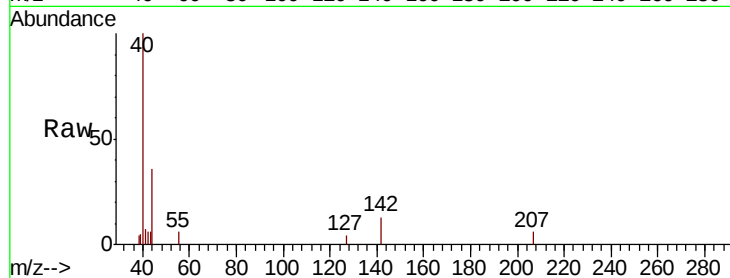




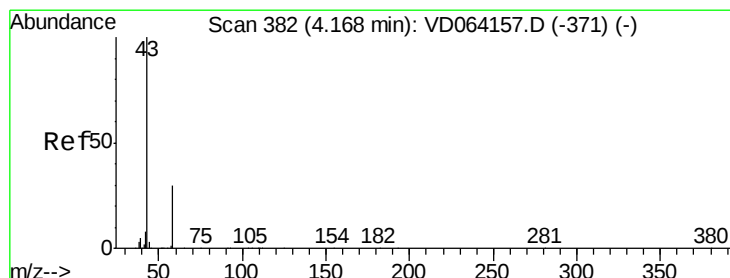
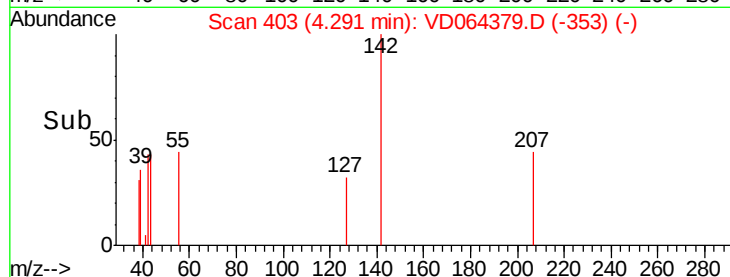
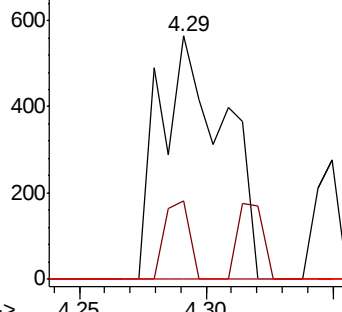
#10
Methvl Iodide
Concen: 2.505 ug/l
RT: 4.29 min Scan# 403
Delta R.T. -0.00 min
Lab File: VD064379.D
Acq: 26 Nov 2019 12:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:142 Resp: 1001
Ion Ratio Lower Upper
142 100
127 12.2 34.4 51.6#
141 0.0 11.2 16.8#

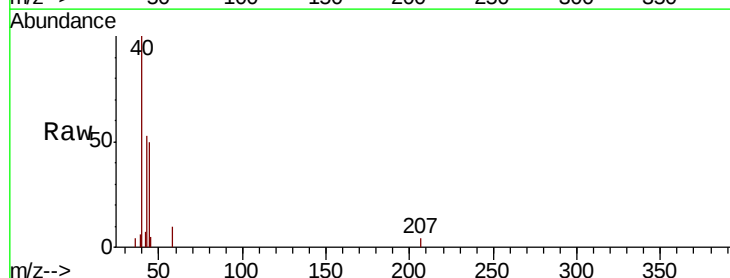


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

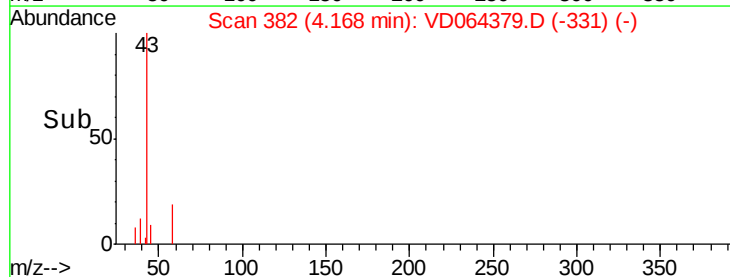
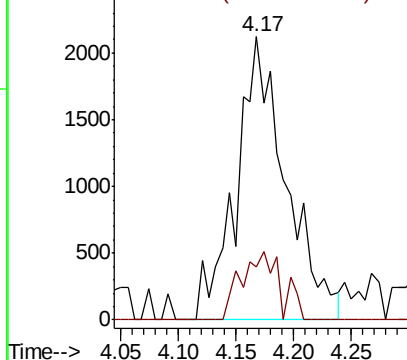


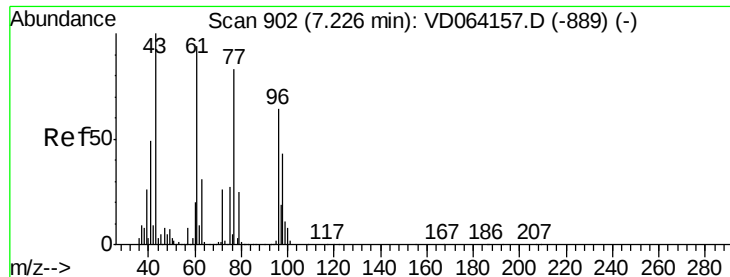
#16
Acetone
Concen: 16.185 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064379.D
Acq: 26 Nov 2019 12:52

Tgt Ion: 43 Resp: 6348
Ion Ratio Lower Upper
43 100
58 18.7 24.1 36.1#



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





#25

2-Butanone

Concen: 4.632 ug/l

RT: 7.24 min Scan# 905

Delta R.T. 0.02 min

Lab File: VD064379.D

Acq: 26 Nov 2019 12:52

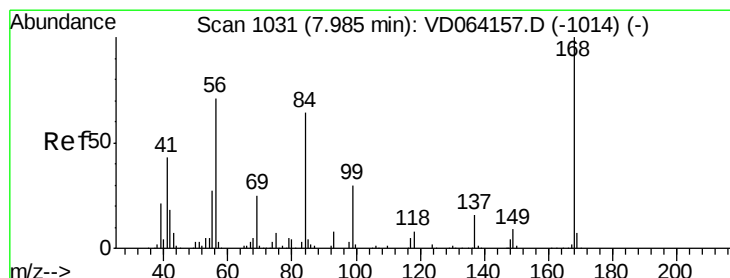
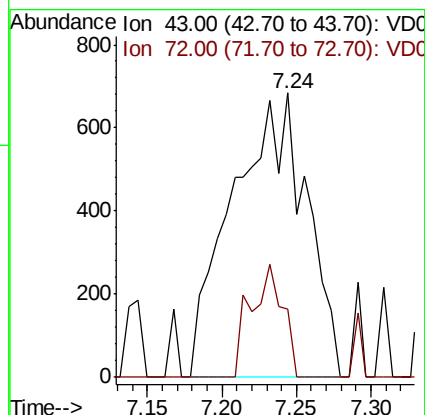
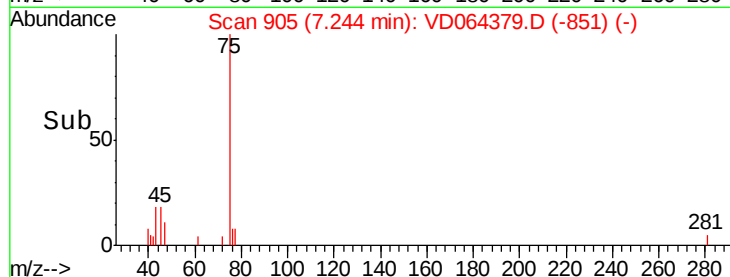
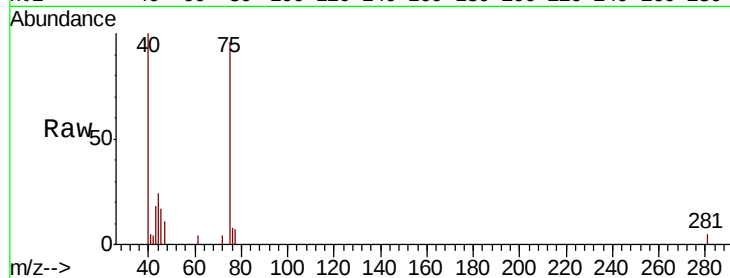
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 2347

Ion Ratio Lower Upper

43 100

72 23.7 20.6 30.8



#31

Cyclohexane

Concen: 1.458 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.02 min

Lab File: VD064379.D

Acq: 26 Nov 2019 12:52

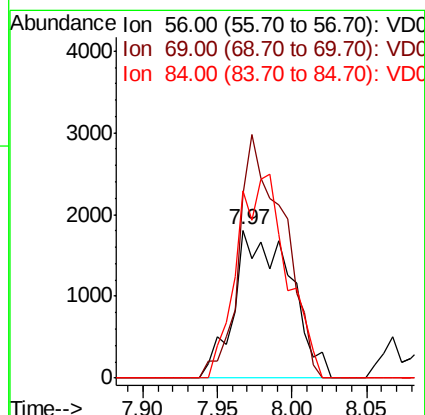
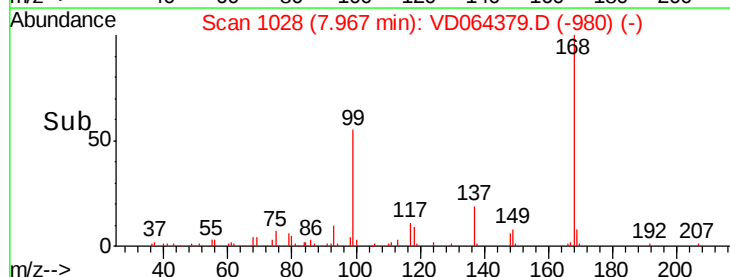
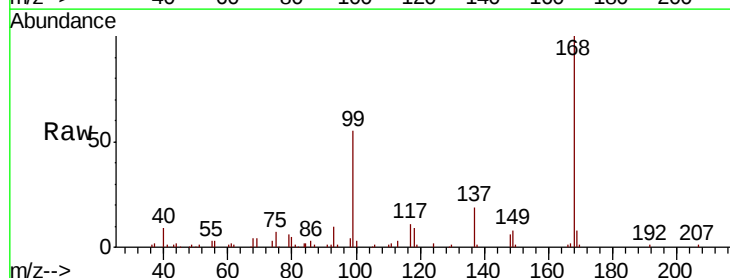
Tgt Ion: 56 Resp: 4739

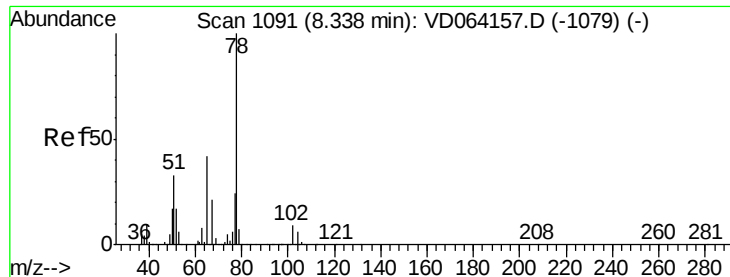
Ion Ratio Lower Upper

56 100

69 124.2 28.2 42.4#

84 126.6 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 78.992 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064379.D

Acq: 26 Nov 2019 12:52

Instrument :

MSVOA_D

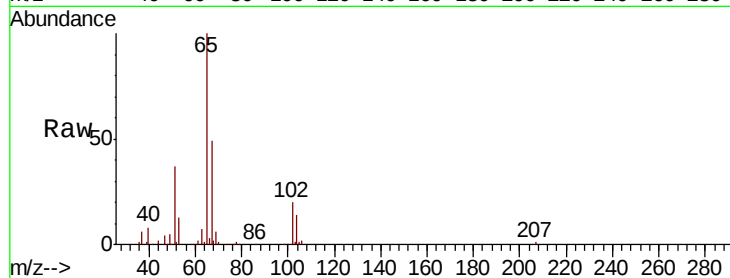
ClientSampleId :

Tot Ion: 65 Resp: 130782

Ion Ratio Lower Upper

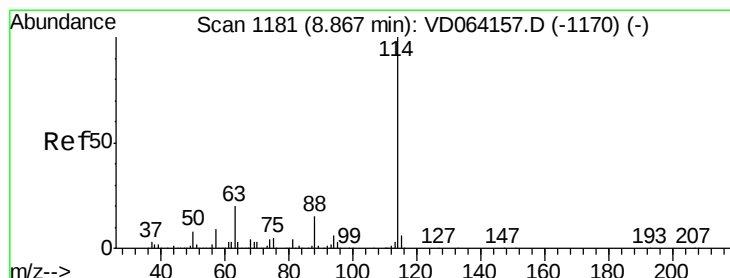
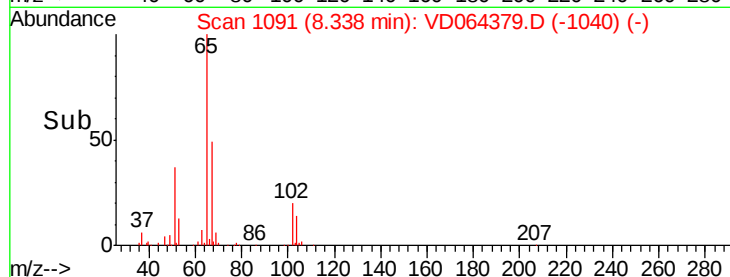
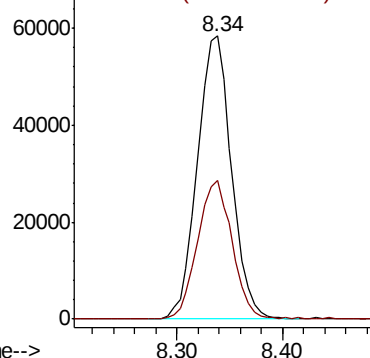
65 100

67 49.4 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: VD064379.D

Acq: 26 Nov 2019 12:52

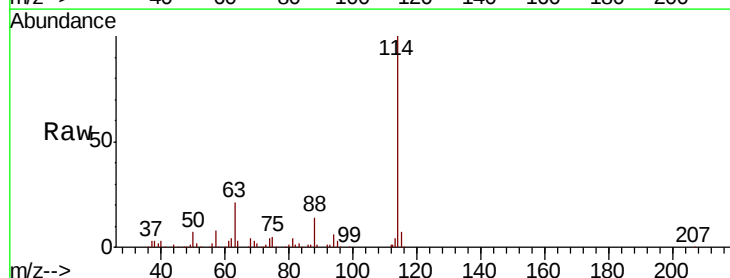
Tgt Ion: 114 Resp: 315913

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

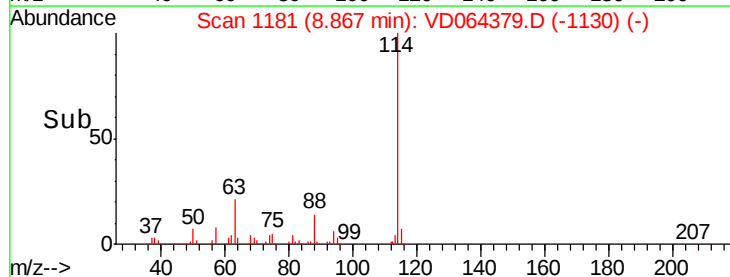
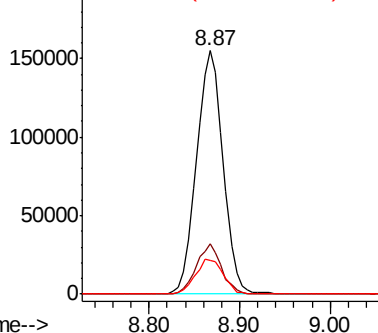
88 14.1 0.0 30.2

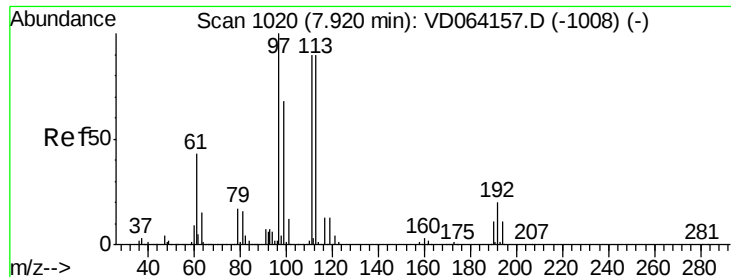


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

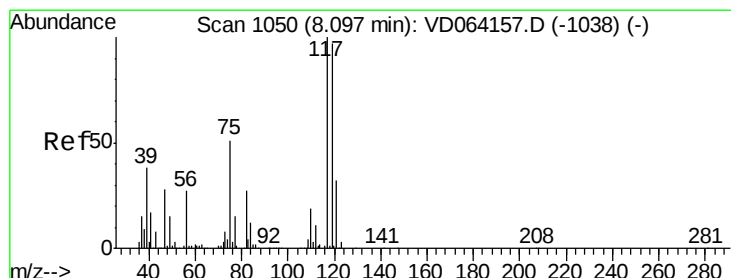
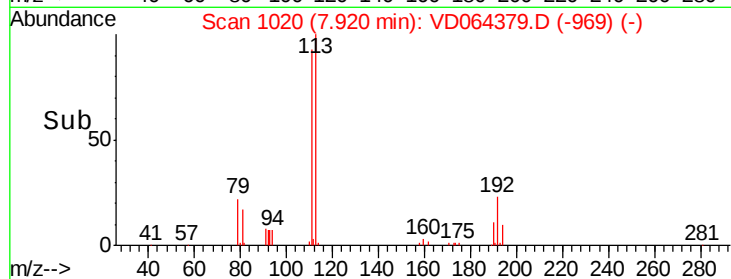
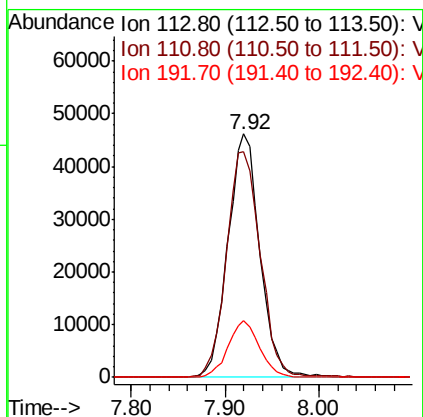
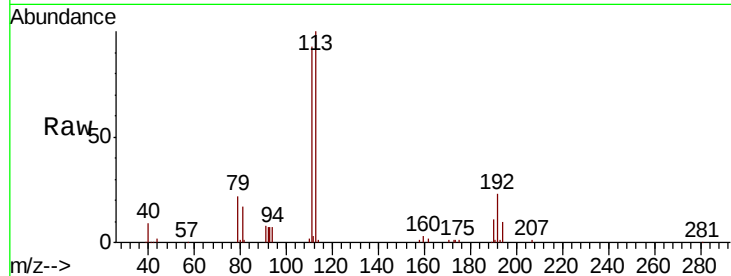




#35
 Dibromofluoromethane
 Concen: 59.901 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064379.D
 Acq: 26 Nov 2019 12:52

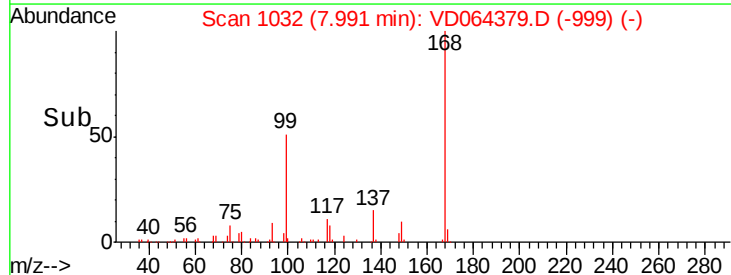
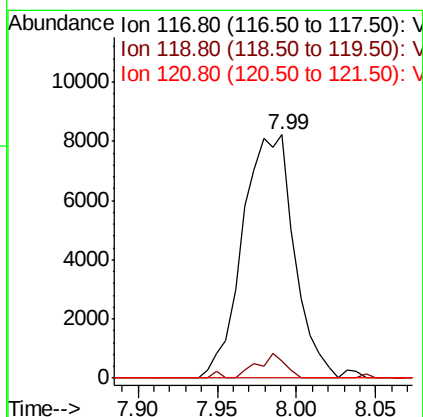
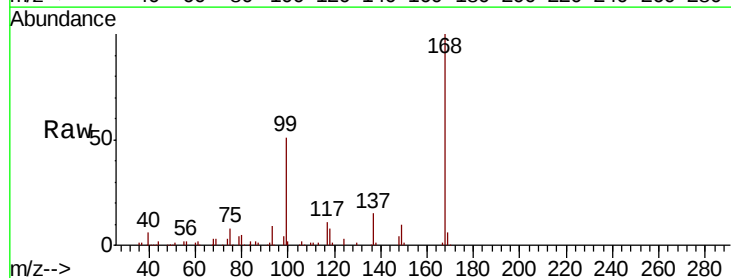
Instrument :
 MSVOA_D
 ClientSampleId :

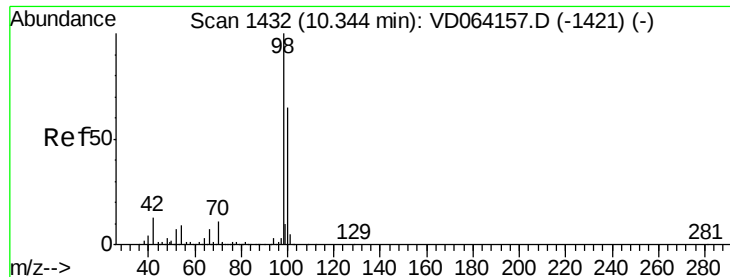
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.7	81.5	122.3
192	22.7	18.8	28.2



#38
 Carbon Tetrachloride
 Concen: 5.964 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.11 min
 Lab File: VD064379.D
 Acq: 26 Nov 2019 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	77.2	115.8#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 54.756 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064379.D

Acq: 26 Nov 2019 12:52

Instrument :

MSVOA_D

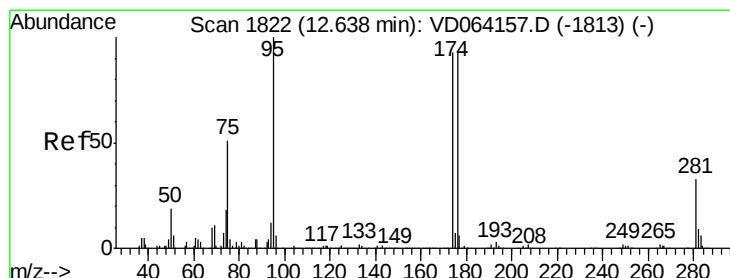
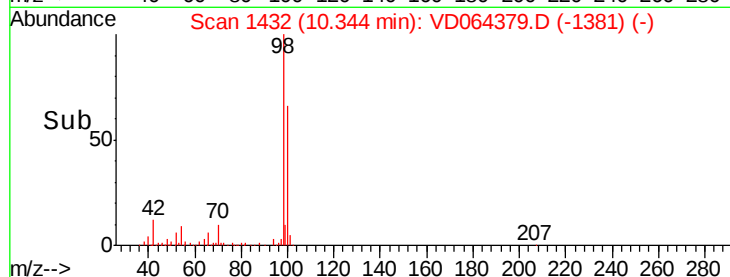
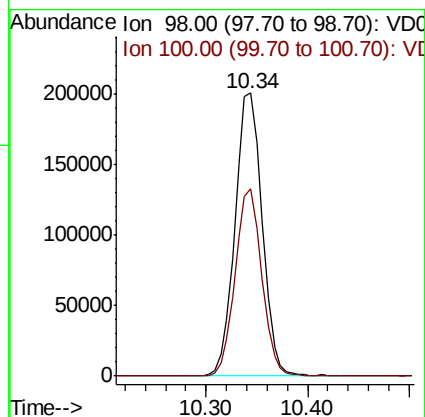
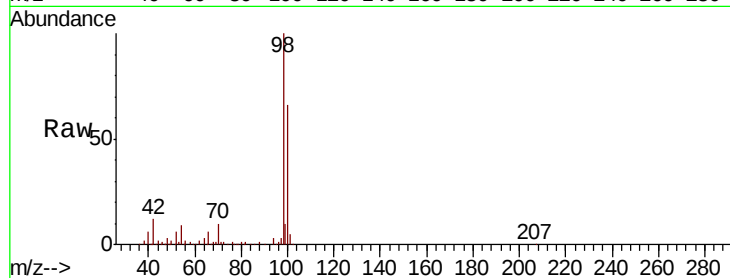
ClientSampleId :

Tot Ion: 98 Resp: 374581

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 57.230 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064379.D

Acq: 26 Nov 2019 12:52

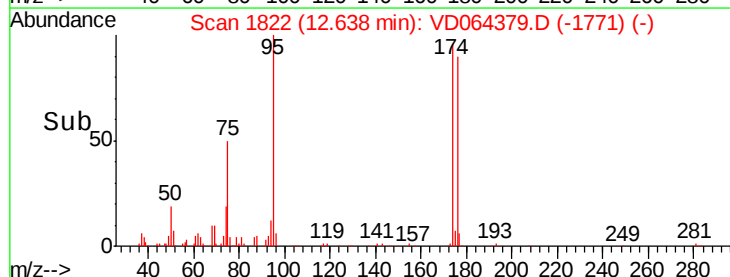
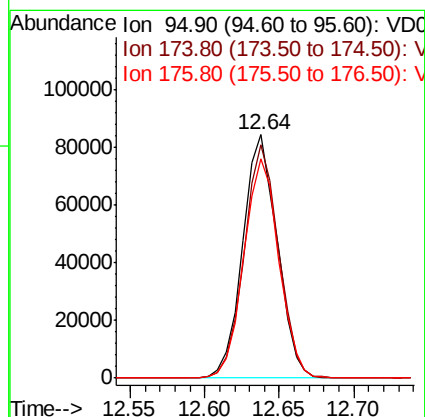
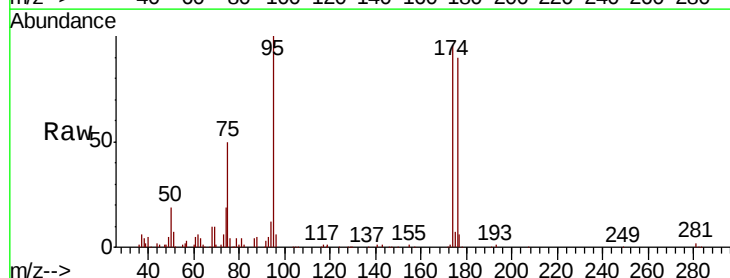
Tgt Ion: 95 Resp: 135581

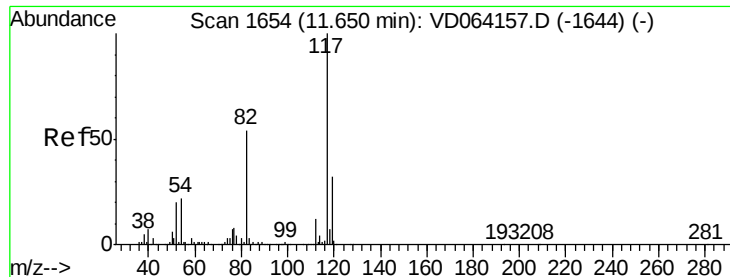
Ion Ratio Lower Upper

95 100

174 95.2 0.0 183.6

176 91.2 0.0 180.2

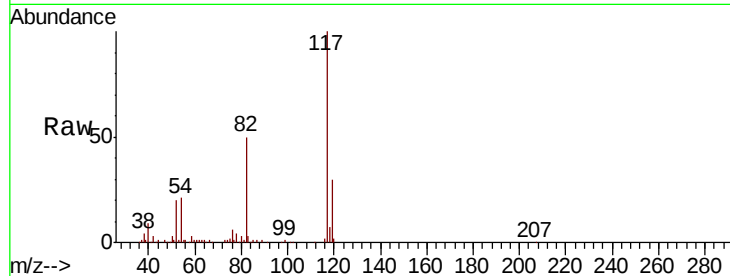




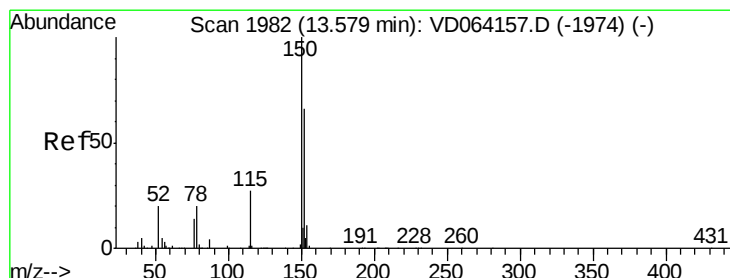
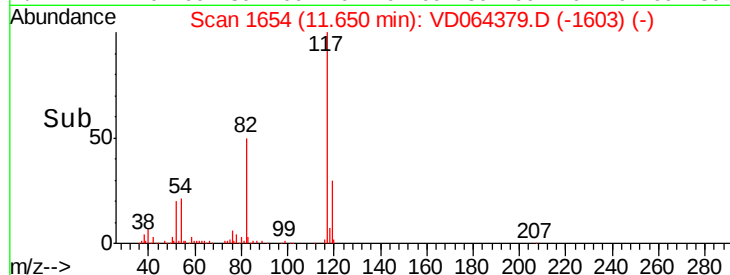
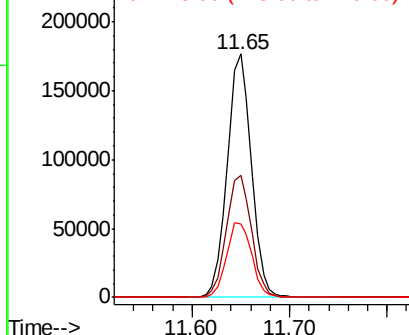
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064379.D
Acq: 26 Nov 2019 12:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	42.8	64.2
119	30.1	25.6	38.4

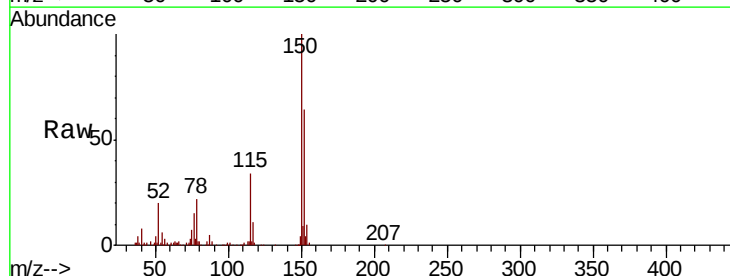


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

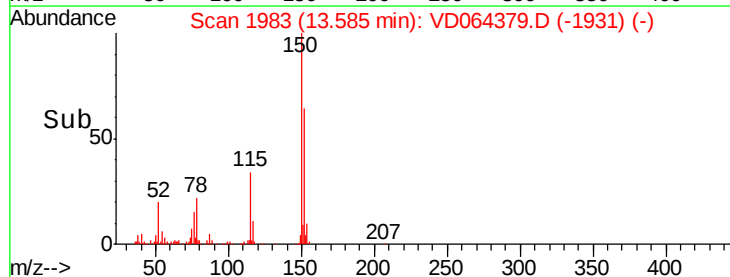
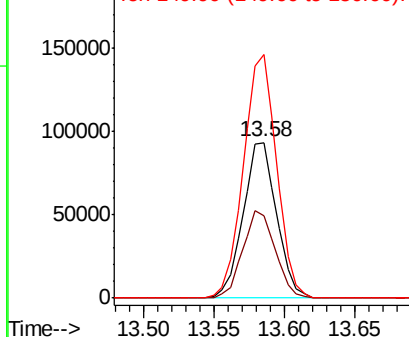


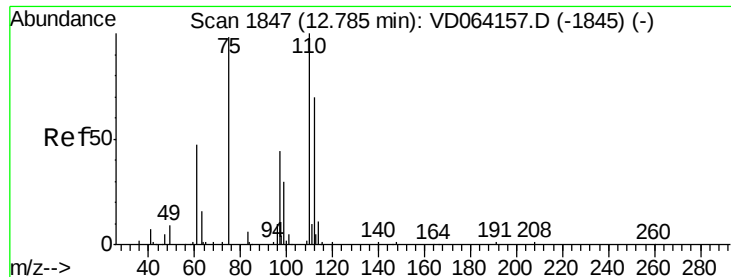
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064379.D
Acq: 26 Nov 2019 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.4	82.2
150	155.6	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: 57.705 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064379.D

Acq: 26 Nov 2019 12:52

Instrument :

MSVOA_D

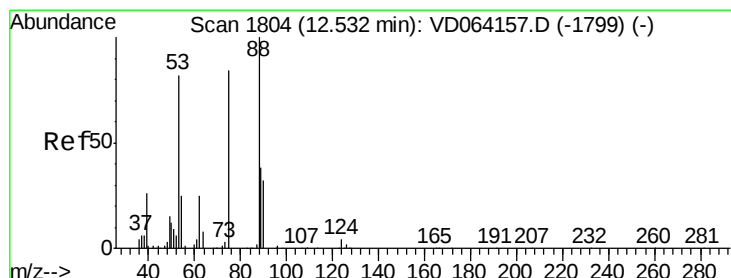
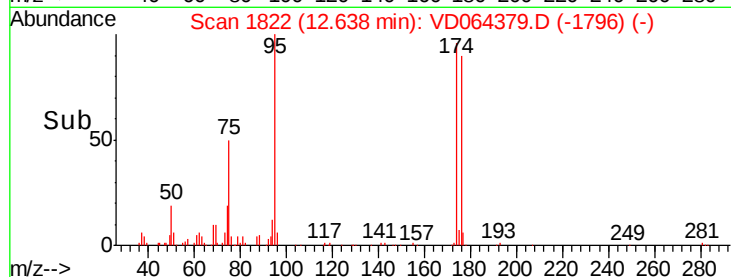
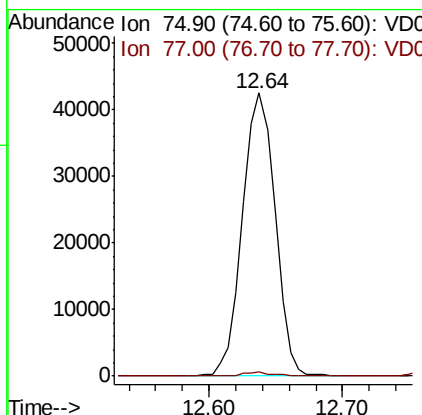
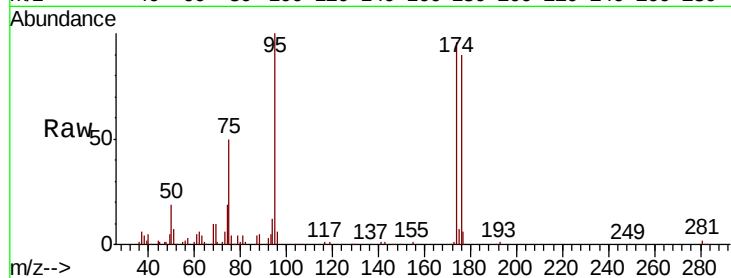
ClientSampleId :

Tot Ion: 75 Resp: 72086

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.624 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064379.D

Acq: 26 Nov 2019 12:52

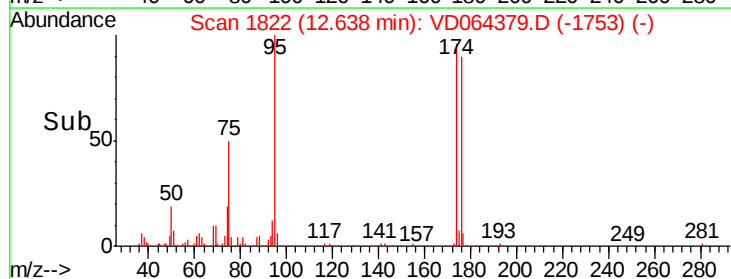
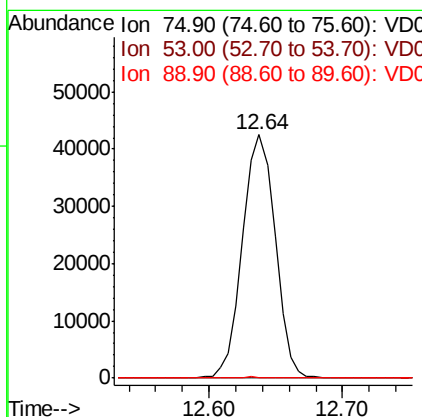
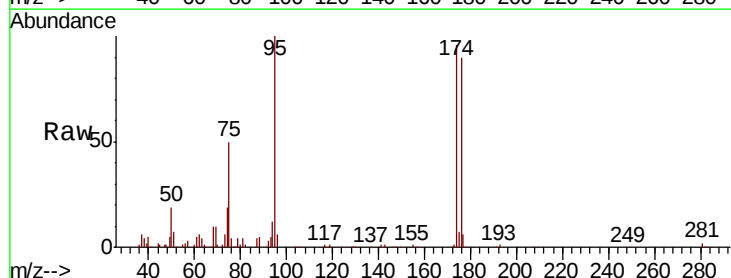
Tgt Ion: 75 Resp: 72086

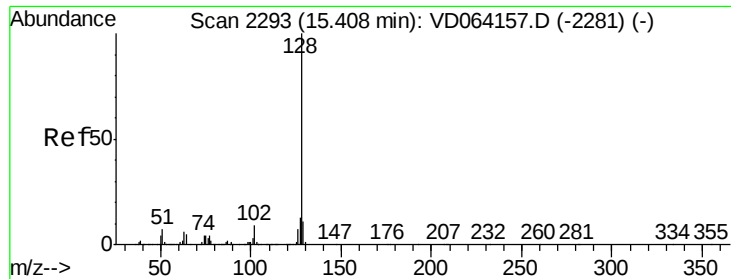
Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 36.6 55.0#

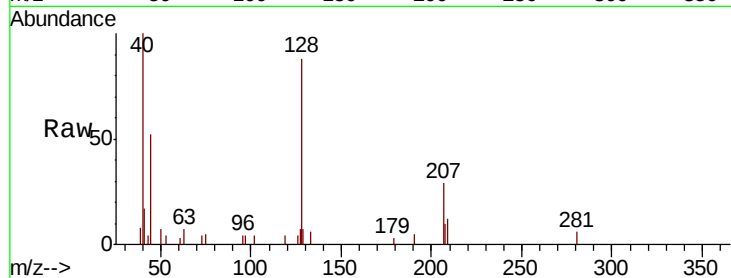




#95
 Naphthalene
 Concen: 1.149 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: VD064379.D
 Acq: 26 Nov 2019 12:52

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.5	15.7#
129	11.3	8.6	13.0



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

