

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064371.D
 Acq On : 25 Nov 2019 20:20
 Operator : VA/SY
 Sample : K6021-06
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 26 05:38:03 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	760923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1141071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1013574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	475544	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	299826	47.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.82%	
35) Dibromofluoromethane	7.92	113	338988	51.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.50%	
50) Toluene-d8	10.34	98	1338331	54.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	12.64	95	422371	49.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.72%	

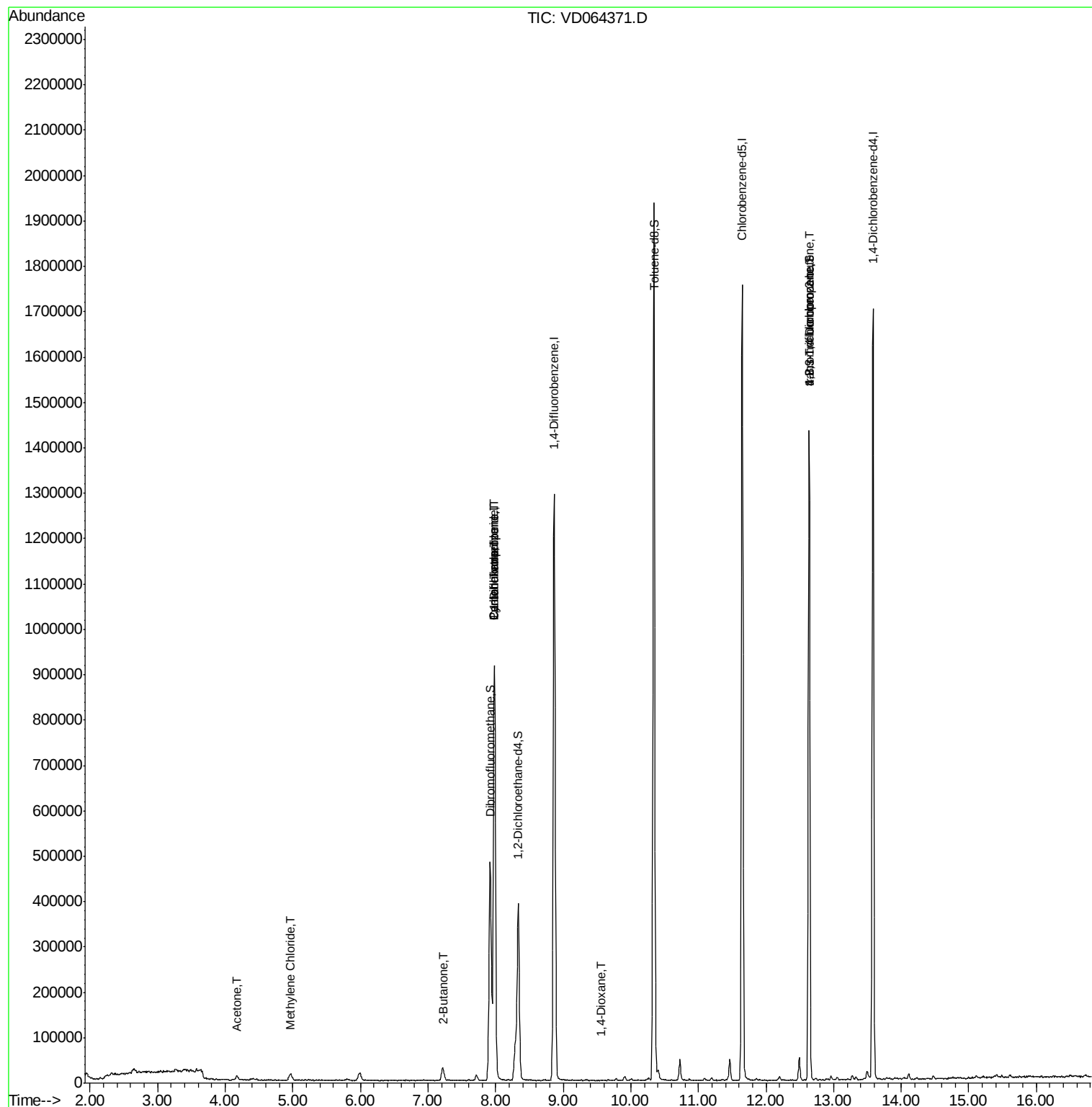
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	14349	9.679	ug/l	92
20) Methylene Chloride	4.97	84	9997	1.335	ug/l	88
25) 2-Butanone	7.23	43	3430	1.791	ug/l #	49
31) Cyclohexane	7.98	56	14615	1.190	ug/l #	4
36) 1,1-Dichloropropene	7.98	75	52059	4.943	ug/l #	50
38) Carbon Tetrachloride	7.98	117	69370	6.156	ug/l #	15
49) 1,4-Dioxane	9.56	88	82	1.821	ug/l #	24
76) 1,2,3-Trichloropropane	12.64	75	218676	57.090	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	218676	113.403	ug/l #	10

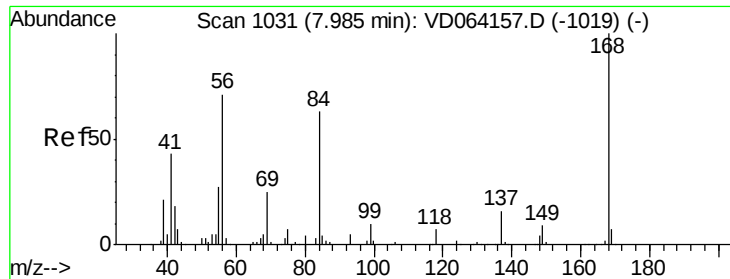
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112519\
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Quant Time: Nov 26 05:38:03 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# 1030

Delta R.T. -0.01 min

Lab File: VD064371.D

Acq: 25 Nov 2019 20:20

Instrument :

MSVOA_D

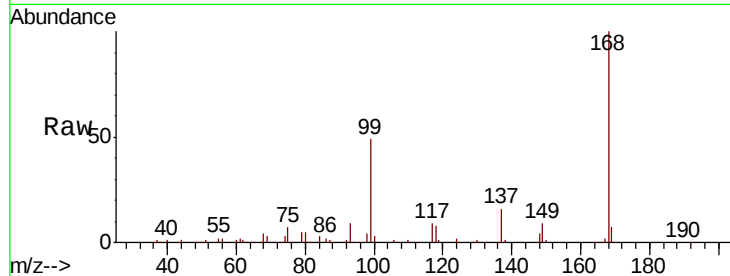
ClientSampleId :

Tot Ion:168 Resp: 760923

Ion Ratio Lower Upper

168 100

99 49.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

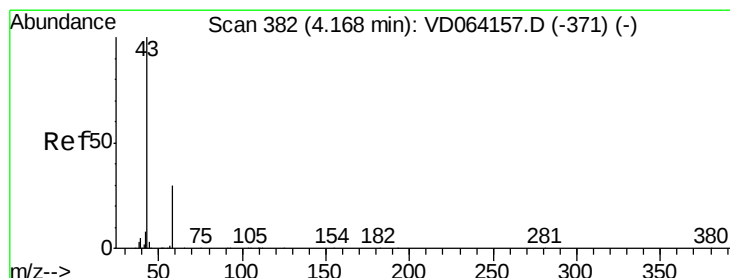
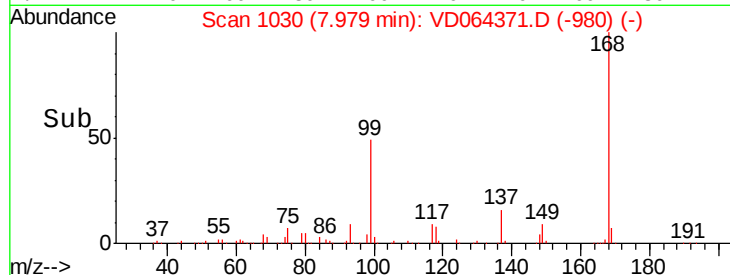
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 9.679 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064371.D

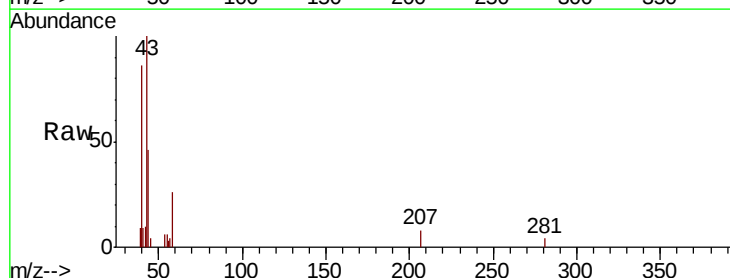
Acq: 25 Nov 2019 20:20

Tgt Ion: 43 Resp: 14349

Ion Ratio Lower Upper

43 100

58 25.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

5000

4000

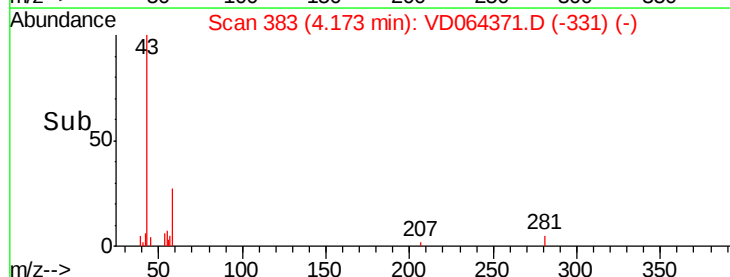
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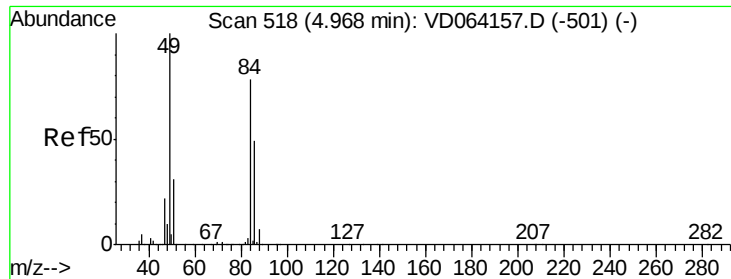
2000

1000

0

Time-->

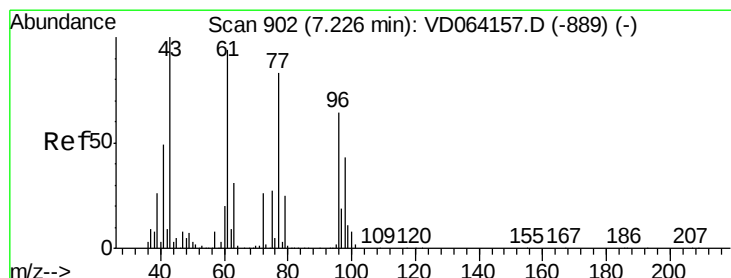
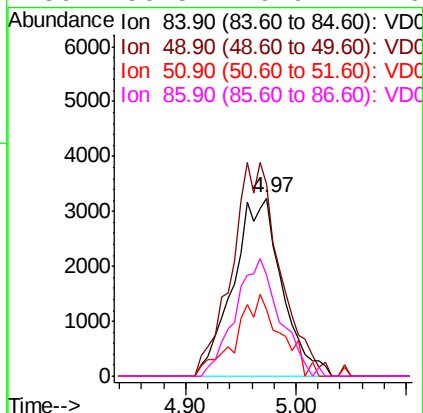
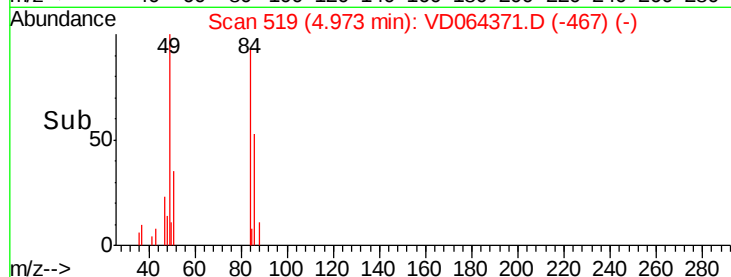
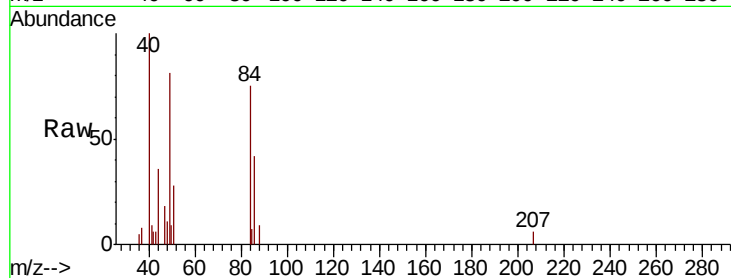




#20
Methvlene Chloride
Concen: 1.335 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064371.D
Acq: 25 Nov 2019 20:20

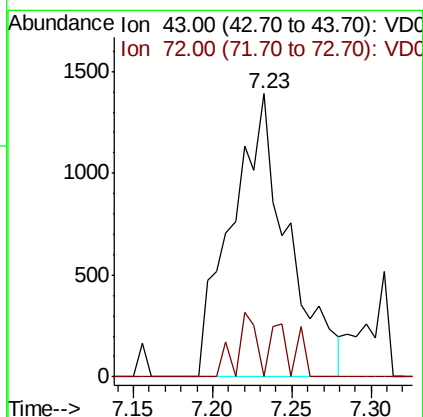
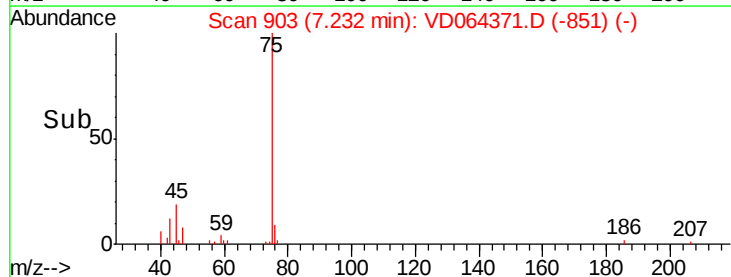
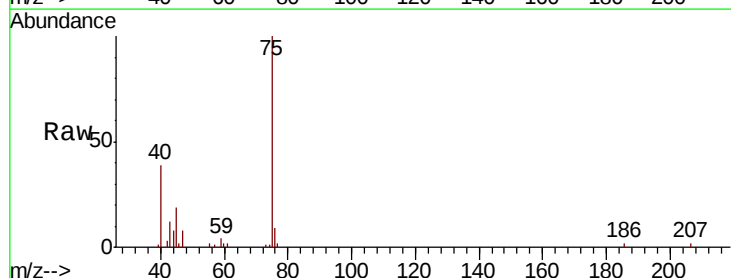
Instrument :
MSVOA_D
ClientSampleId :

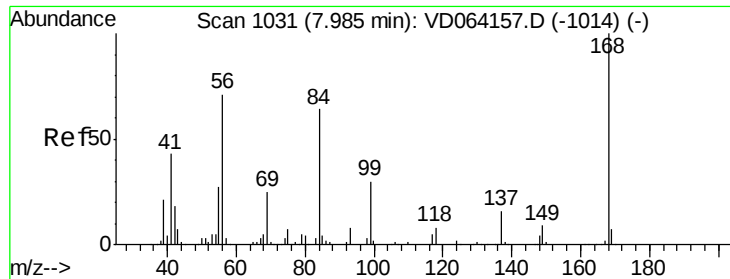
Tot Ion:	84	Resp:	9997
Ion	Ratio	Lower	Upper
84	100		
49	107.8	102.1	153.1
51	37.5	32.2	48.2
86	56.8	49.9	74.9



#25
2-Butanone
Concen: 1.791 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064371.D
Acq: 25 Nov 2019 20:20

Tgt Ion:	43	Resp:	3430
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	30.8#

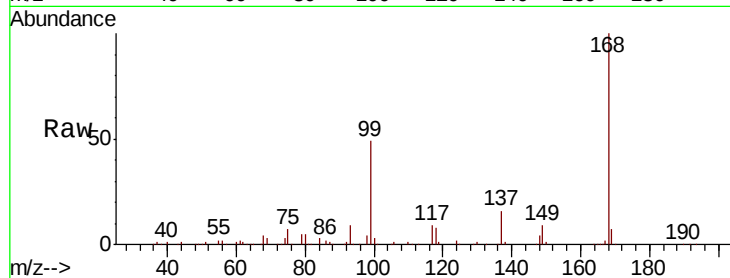




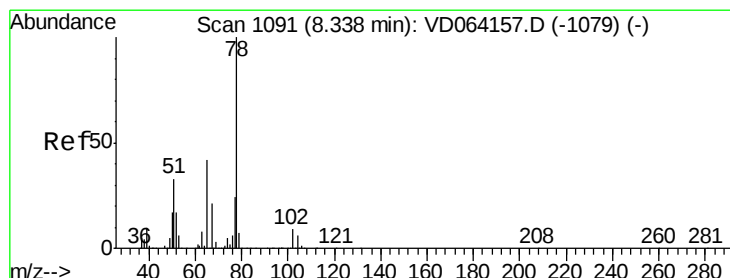
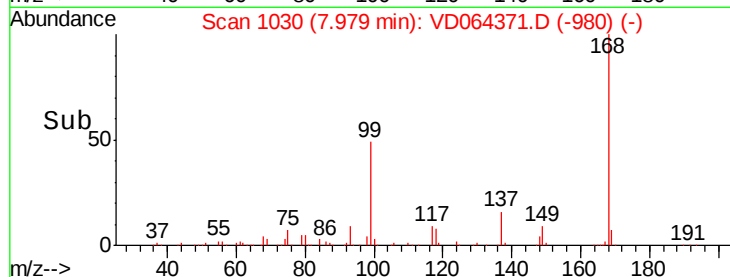
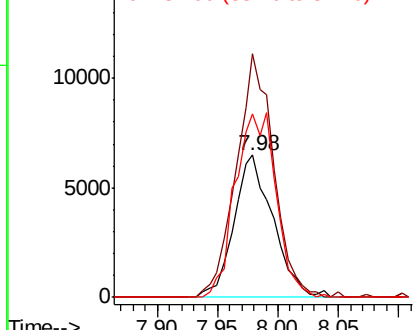
#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064371.D
Acq: 25 Nov 2019 20:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 14615
Ion Ratio Lower Upper
56 100
69 171.3 28.2 42.4#
84 128.9 71.8 107.6#

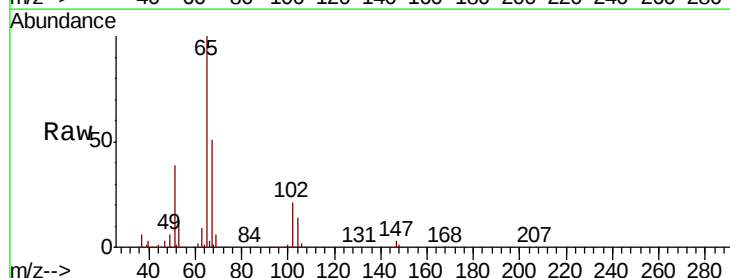


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

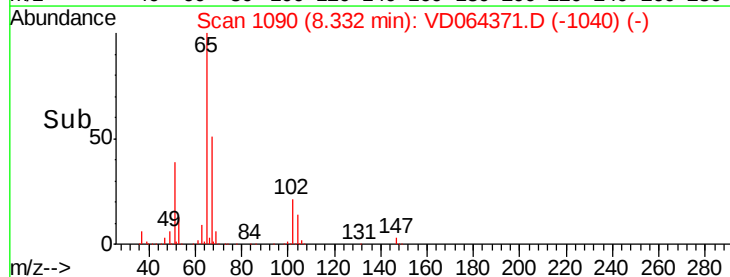
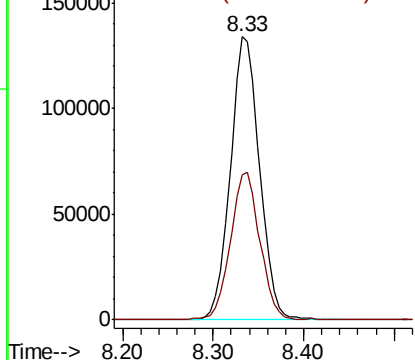


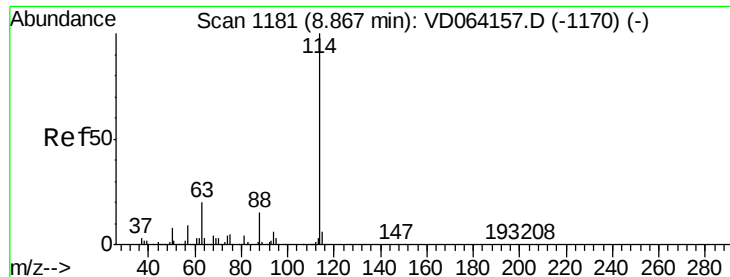
#33
1,2-Dichloroethane-d4
Concen: 47.910 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064371.D
Acq: 25 Nov 2019 20:20

Tgt Ion: 65 Resp: 299826
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.4



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

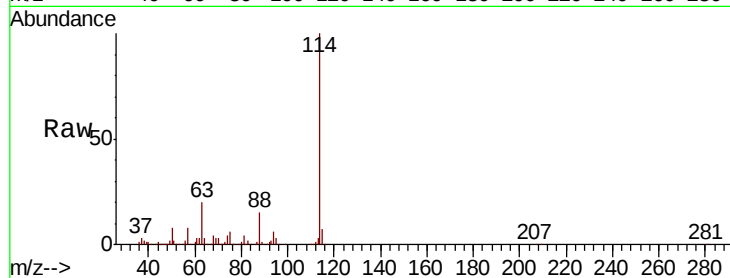




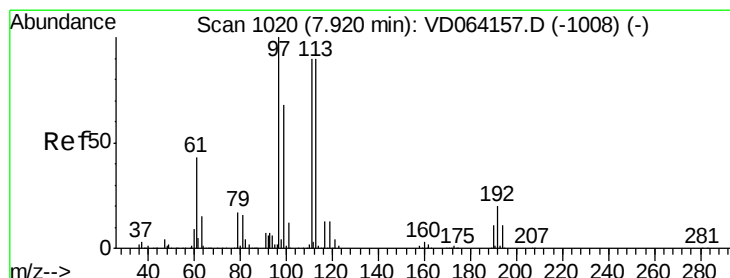
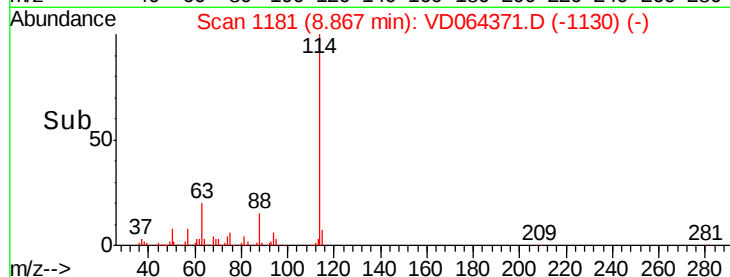
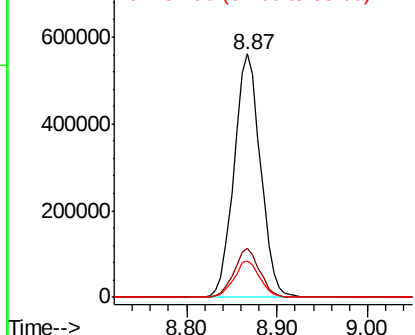
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064371.D
Acq: 25 Nov 2019 20:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 1141071
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 14.9 0.0 30.2

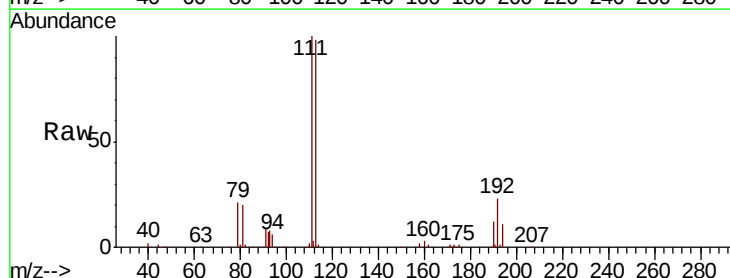


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

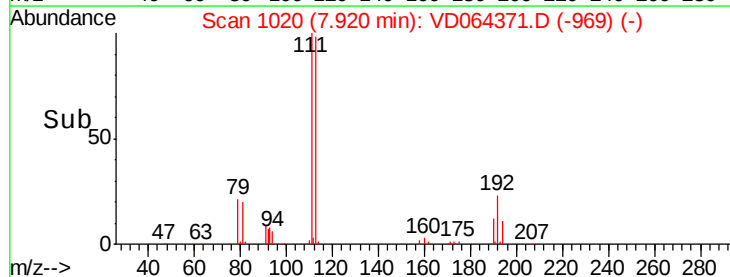
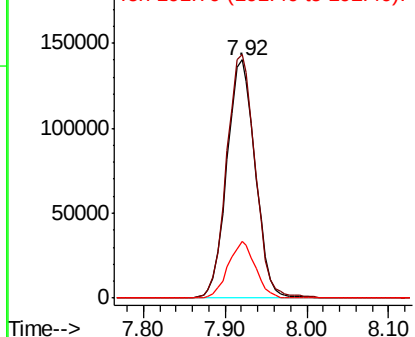


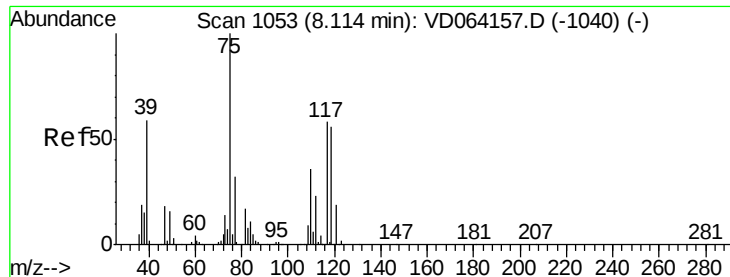
#35
Dibromofluoromethane
Concen: 51.754 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064371.D
Acq: 25 Nov 2019 20:20

Tgt Ion:113 Resp: 338988
Ion Ratio Lower Upper
113 100
111 102.6 81.5 122.3
192 22.9 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: 4.943 ug/l

RT: 7.98 min Scan# 1030

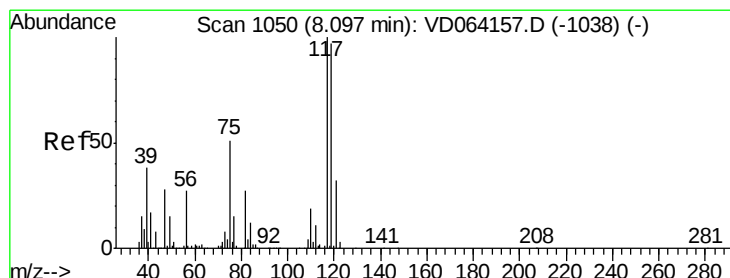
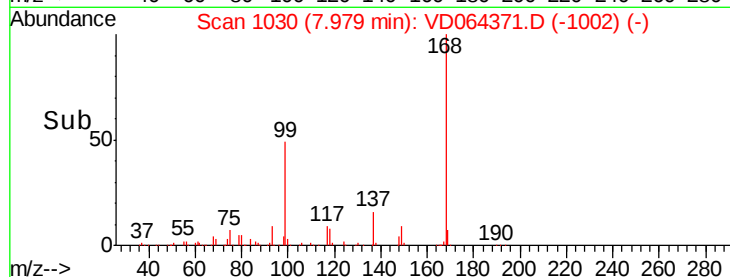
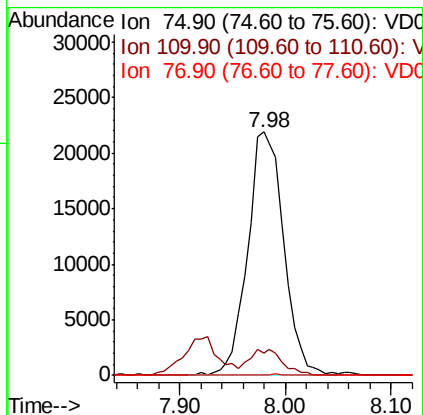
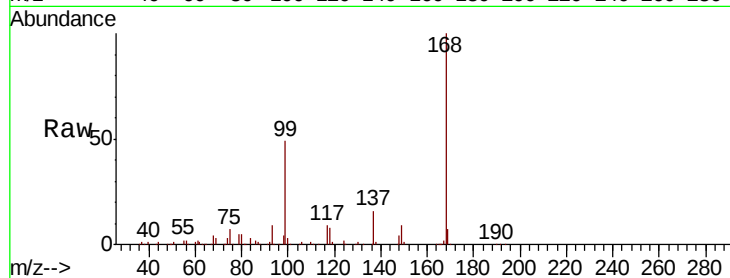
Delta R.T. -0.14 min

Lab File: VD064371.D

Acq: 25 Nov 2019 20:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	75	Resp:	52059
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.3	54.9#
77	0.1	25.0	37.6#



#38

Carbon Tetrachloride

Concen: 6.156 ug/l

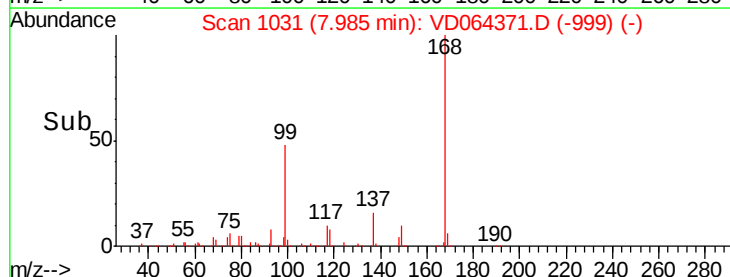
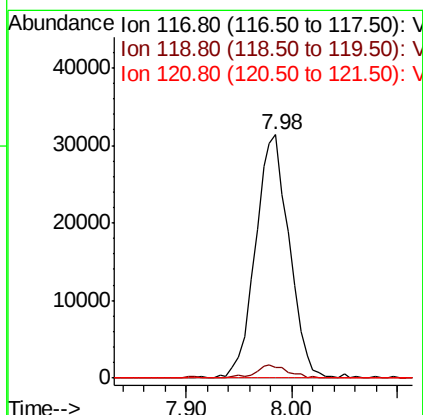
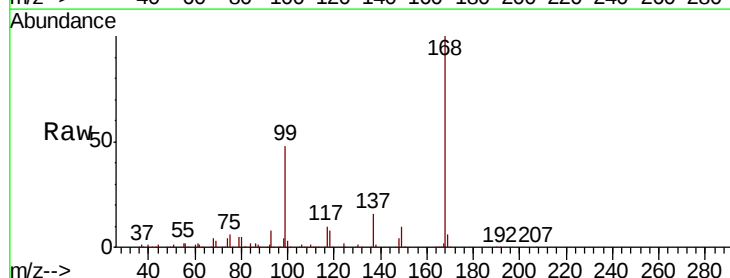
RT: 7.98 min Scan# 1031

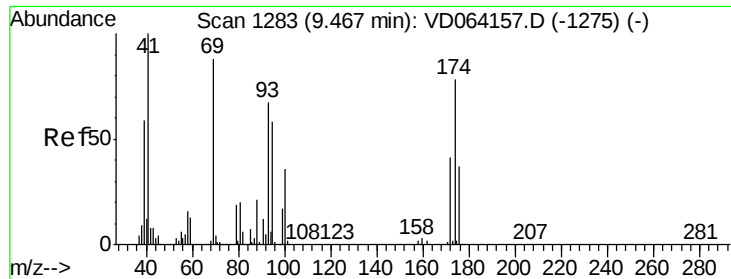
Delta R.T. -0.11 min

Lab File: VD064371.D

Acq: 25 Nov 2019 20:20

Tgt Ion:	117	Resp:	69370
Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.2	115.8#
121	0.0	25.5	38.3#

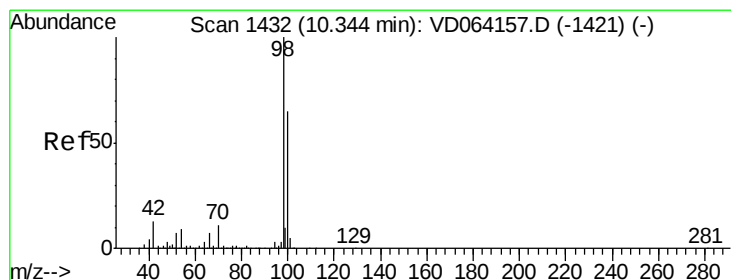
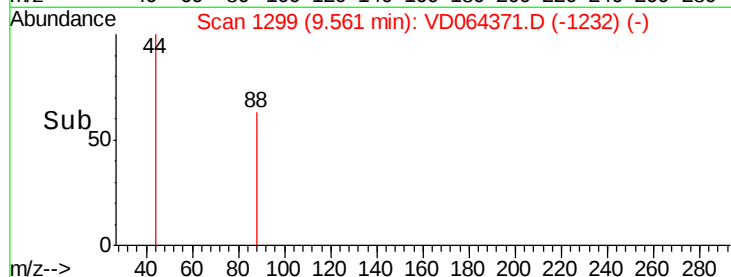
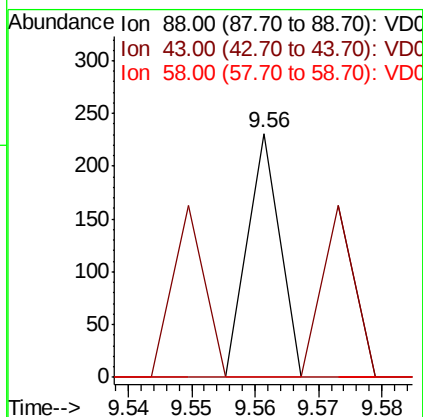
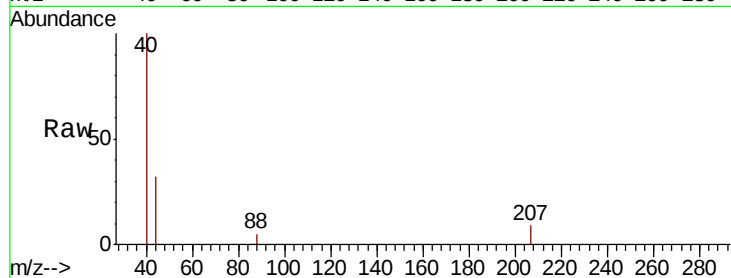




#49
1,4-Dioxane
Concen: 1.821 ug/l
RT: 9.56 min Scan# 1299
Delta R.T. 0.09 min
Lab File: VD064371.D
Acq: 25 Nov 2019 20:20

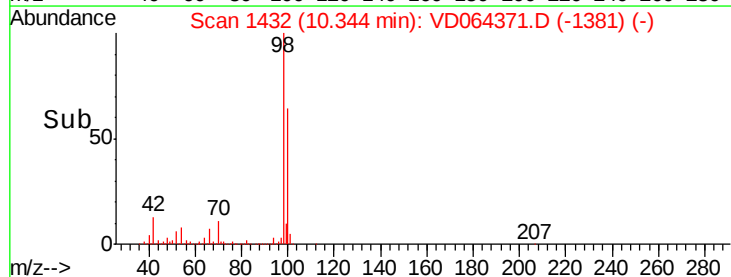
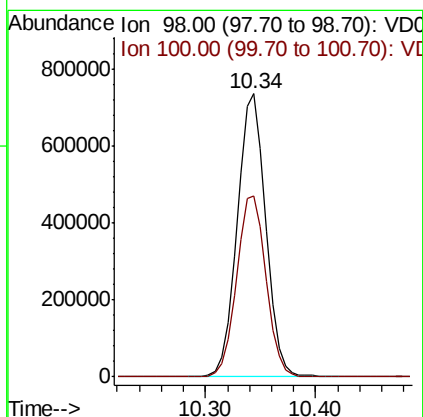
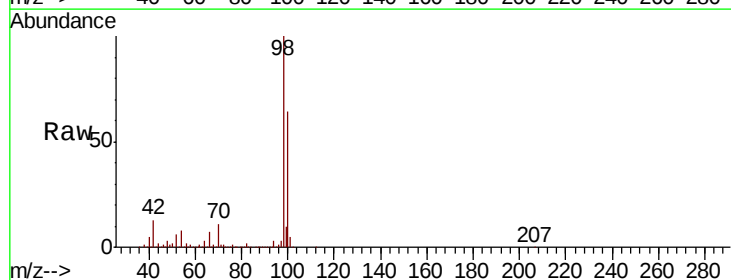
Instrument :
MSVOA_D
ClientSampleId :

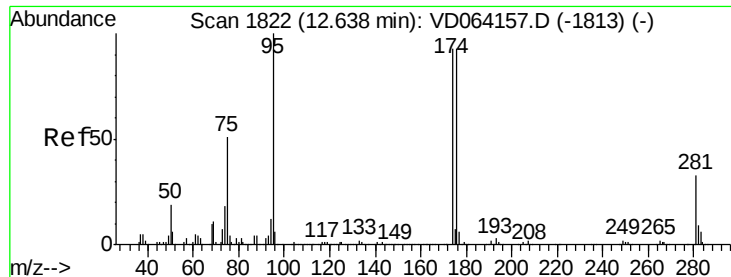
Tot Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
43 70.7 29.8 44.8#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 54.163 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064371.D
Acq: 25 Nov 2019 20:20

Tgt Ion: 98 Resp: 1338331
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 49.360 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064371.D

Acq: 25 Nov 2019 20:20

Instrument :

MSVOA_D

ClientSampleId :

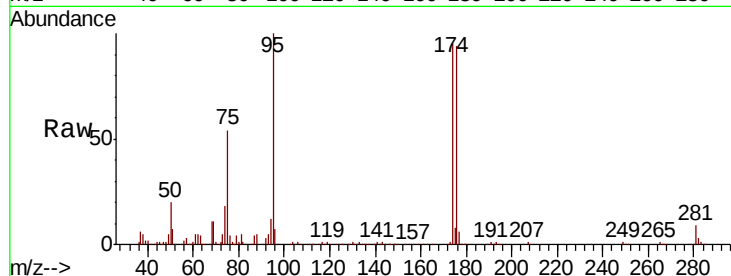
Tot Ion: 95 Resp: 422371

Ion Ratio Lower Upper

95 100

174 95.2 0.0 183.6

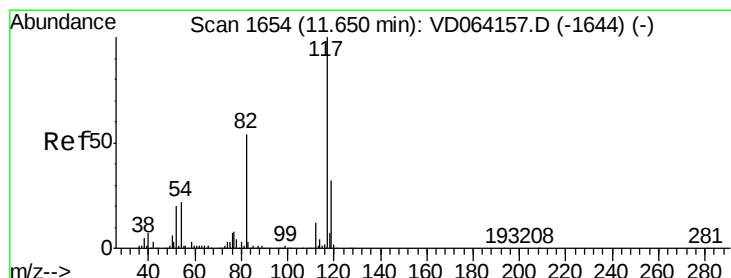
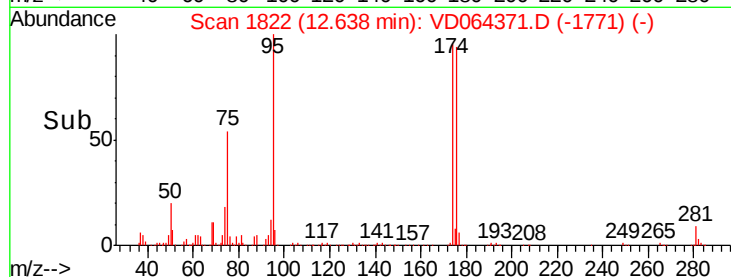
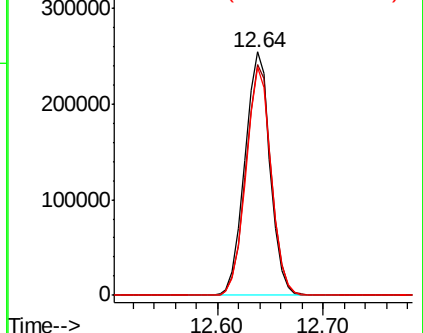
176 93.0 0.0 180.2



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: VD064371.D

Acq: 25 Nov 2019 20:20

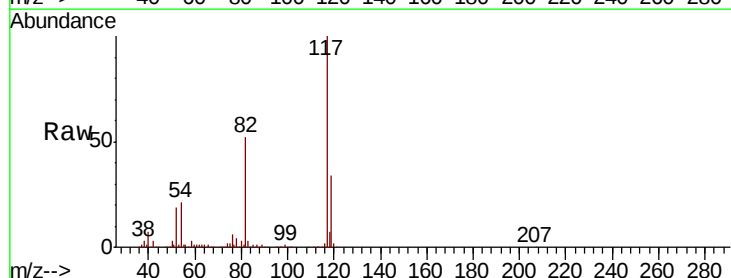
Tgt Ion: 117 Resp: 1013574

Ion Ratio Lower Upper

117 100

82 52.3 42.8 64.2

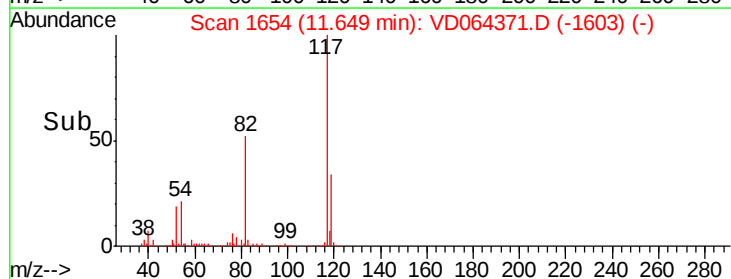
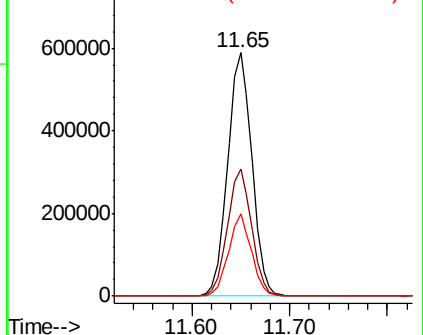
119 33.6 25.6 38.4

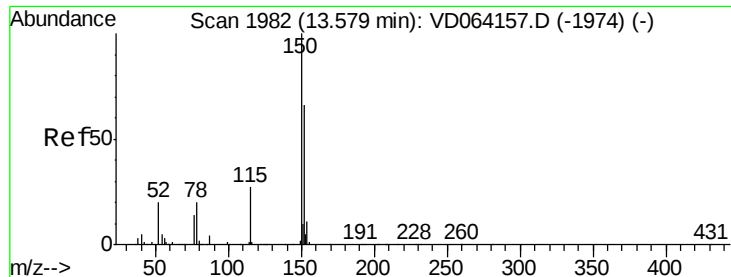


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064371.D

Acq: 25 Nov 2019 20:20

Instrument :

MSVOA_D

ClientSampled :

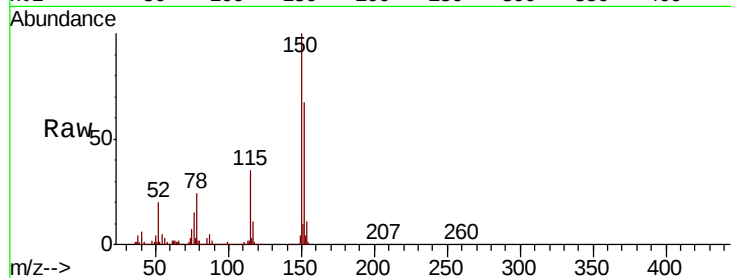
Tot Ion:152 Resp: 475544

Ion Ratio Lower Upper

152 100

115 53.7 27.4 82.2

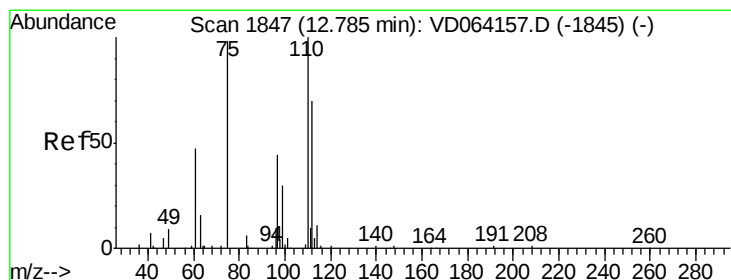
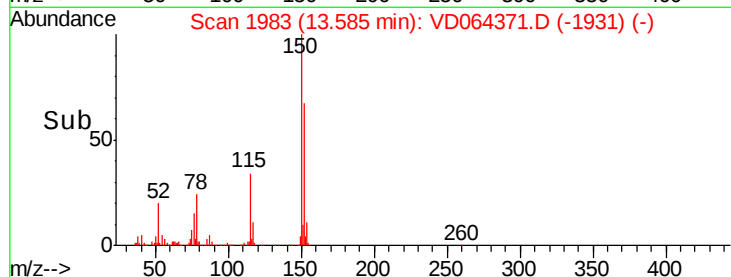
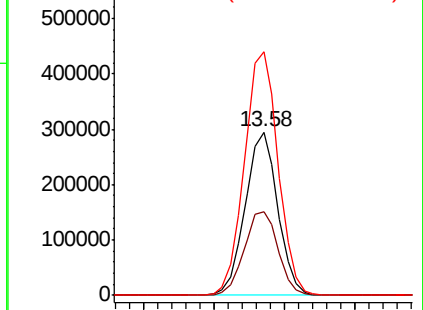
150 154.5 0.0 351.6



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: 57.090 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064371.D

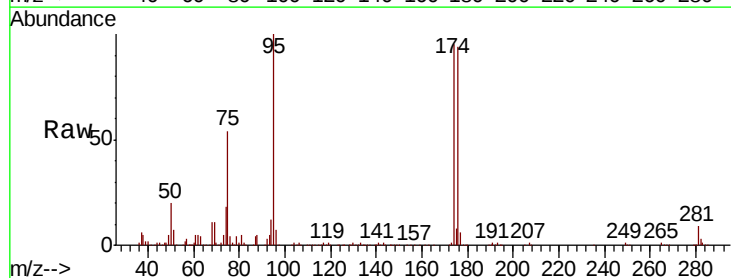
Acq: 25 Nov 2019 20:20

Tgt Ion: 75 Resp: 218676

Ion Ratio Lower Upper

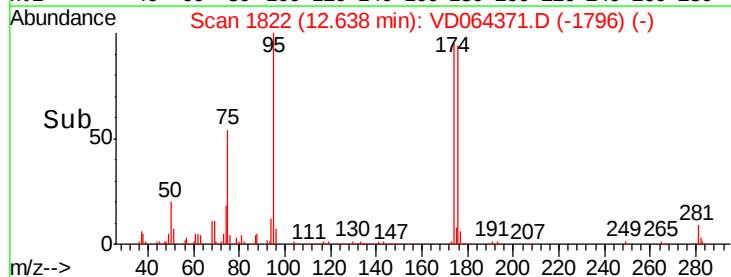
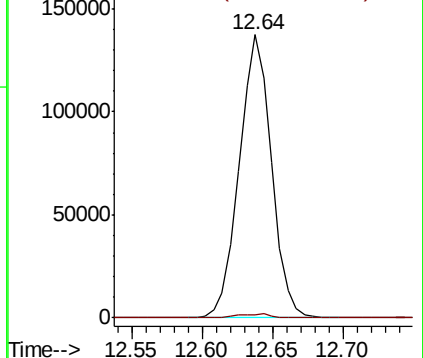
75 100

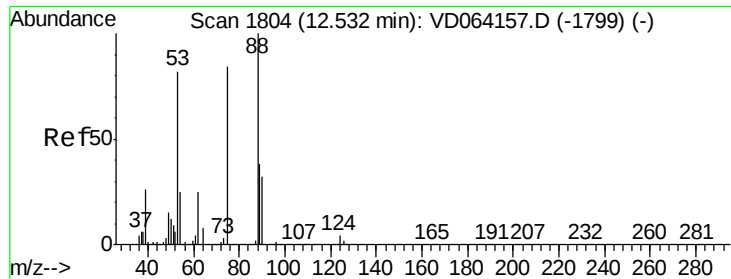
77 1.4 0.0 0.0#



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: 113.403 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064371.D

Acq: 25 Nov 2019 20:20

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 218676

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 36.6 55.0#

