

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064473.D
 Acq On : 09 Dec 2019 16:21
 Operator : VA/SY
 Sample : K6205-01
 Misc : 6.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 02:45:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

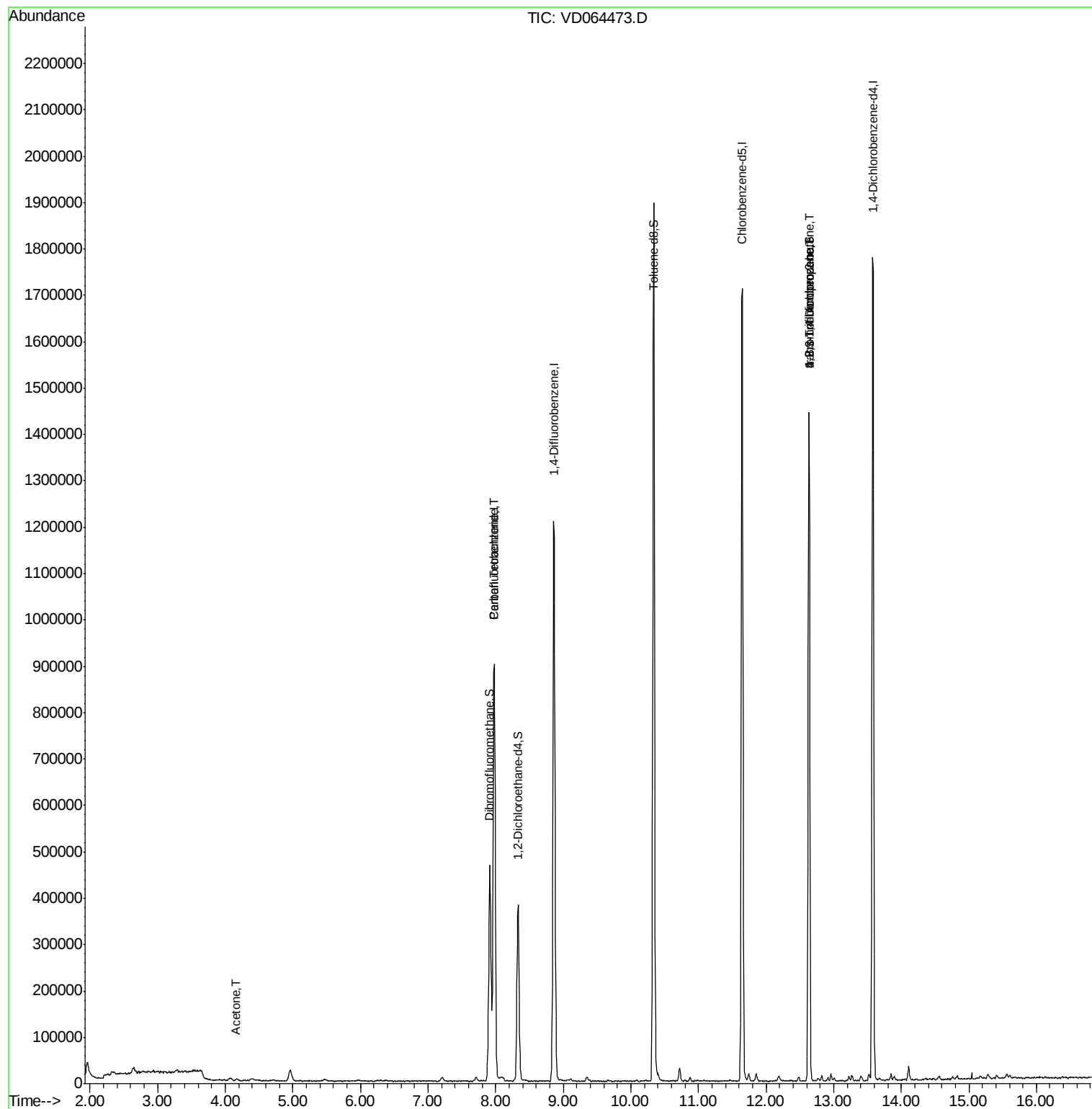
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	732869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	1075119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1005436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	493466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	298796	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
35) Dibromofluoromethane	7.91	113	318720	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
50) Toluene-d8	10.34	98	1264026	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.64	95	428948	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	6111	4.559	ug/l #	89
20) Methylene Chloride	4.96	84	16248	Below Cal		89
31) Cyclohexane	7.97	56	17388	Below Cal	#	31
38) Carbon Tetrachloride	7.98	117	67176	6.259	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	223585	55.096	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	223585	120.138	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.42	75	64	Below Cal	#	1

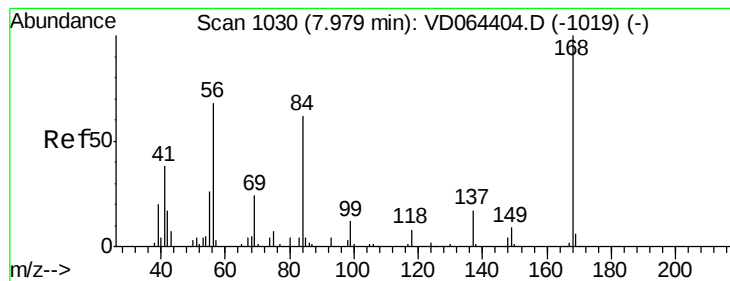
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120919\
Data File : VD064473.D
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Misc : 6.77G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 10 02:45:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064473.D

Acq: 09 Dec 2019 16:21

Instrument :

MSVOA_D

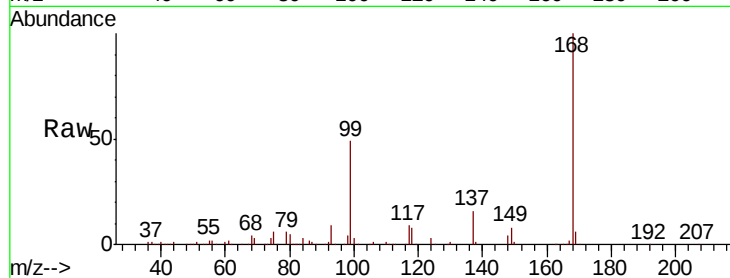
ClientSampleId :

Tot Ion:168 Resp: 732869

Ion Ratio Lower Upper

168 100

99 48.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

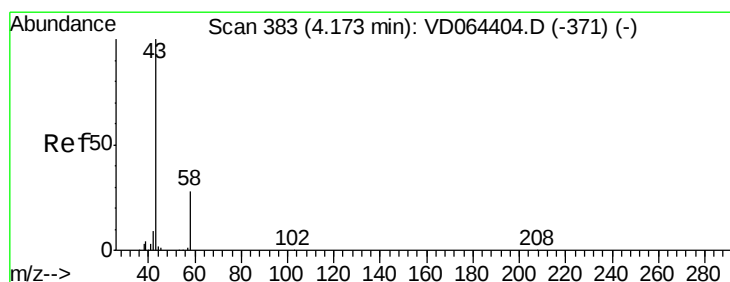
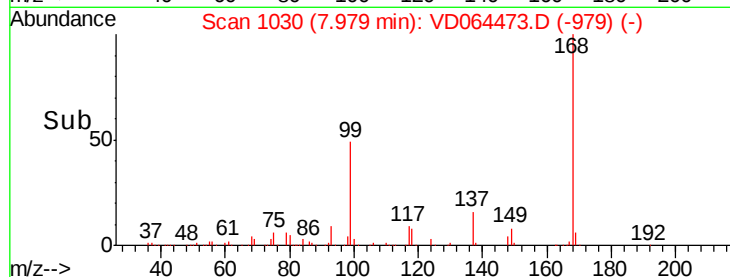
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.559 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064473.D

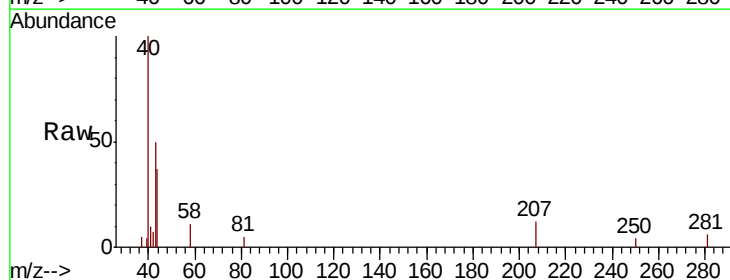
Acq: 09 Dec 2019 16:21

Tgt Ion: 43 Resp: 6111

Ion Ratio Lower Upper

43 100

58 22.5 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2000

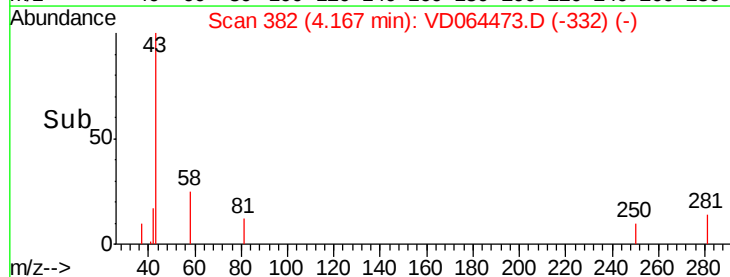
1500

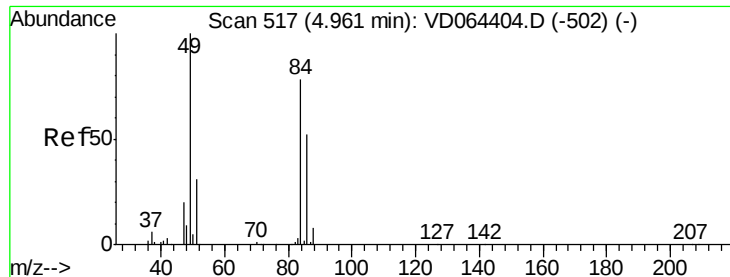
1000

500

0

Time-->

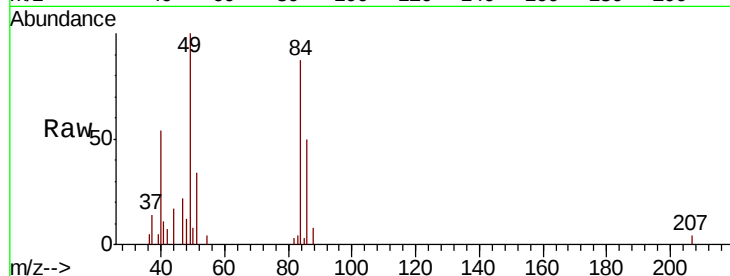




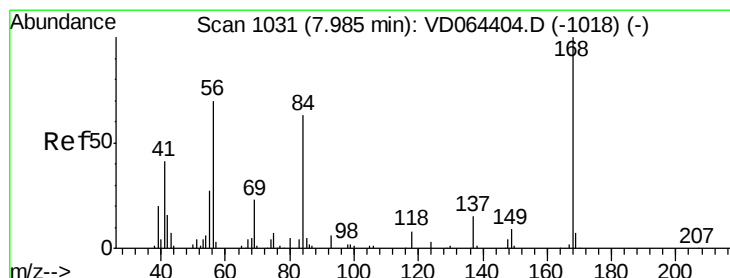
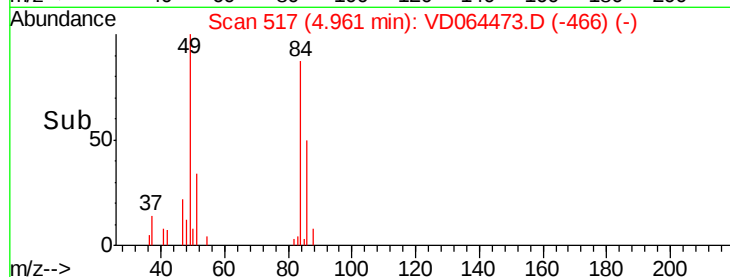
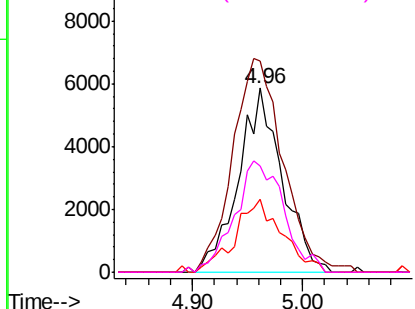
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064473.D
Acq: 09 Dec 2019 16:21

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	84	Resp:	16248
Ion	Ratio	Lower	Upper
84	100		
49	112.3	102.6	153.8
51	39.3	32.0	48.0
86	58.0	53.4	80.0

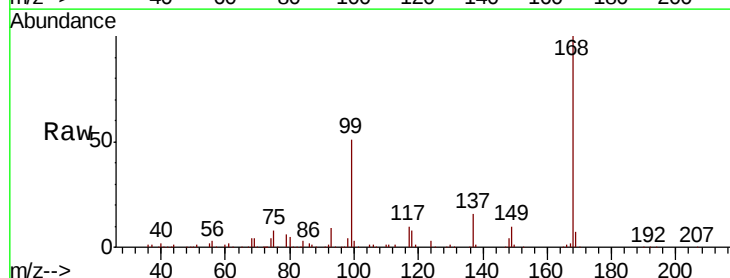


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

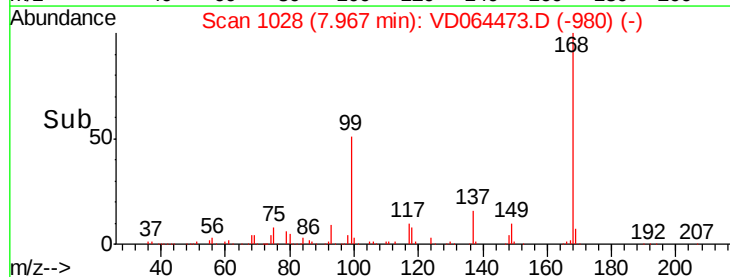
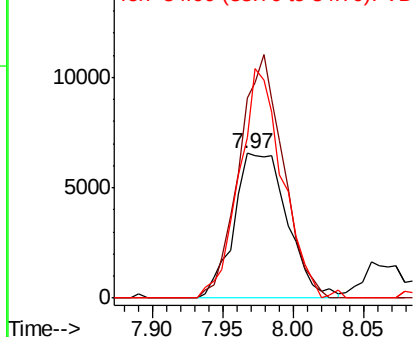


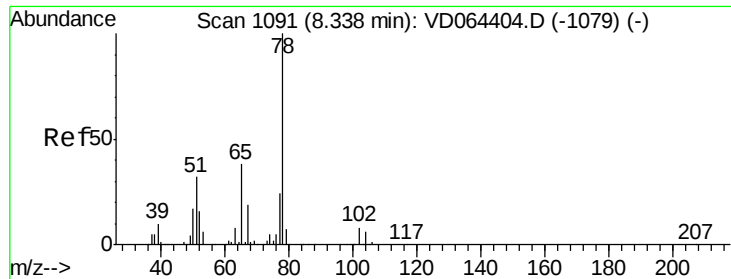
#31
Cyclohexane
Concen: Below Cal
RT: 7.97 min Scan# 1028
Delta R.T. -0.02 min
Lab File: VD064473.D
Acq: 09 Dec 2019 16:21

Tgt Ion:	56	Resp:	17388
Ion	Ratio	Lower	Upper
56	100		
69	138.5	26.2	39.4#
84	110.7	70.3	105.5#



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: 45.043 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064473.D

Acq: 09 Dec 2019 16:21

Instrument :

MSVOA_D

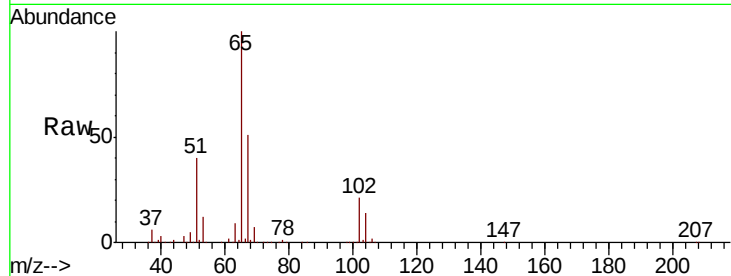
ClientSampleId :

Tot Ion: 65 Resp: 298796

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

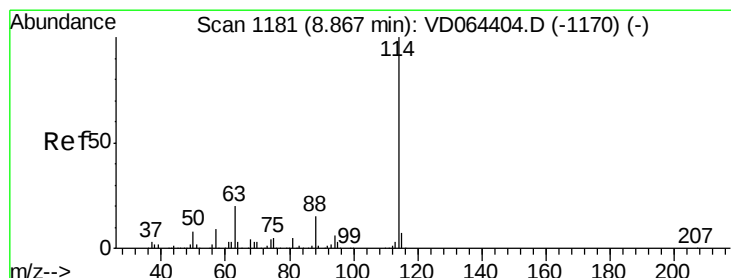
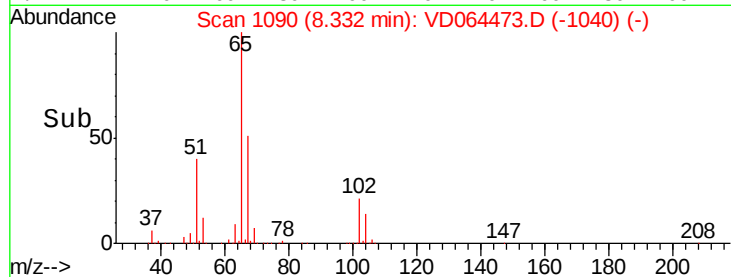
150000

100000

50000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064473.D

Acq: 09 Dec 2019 16:21

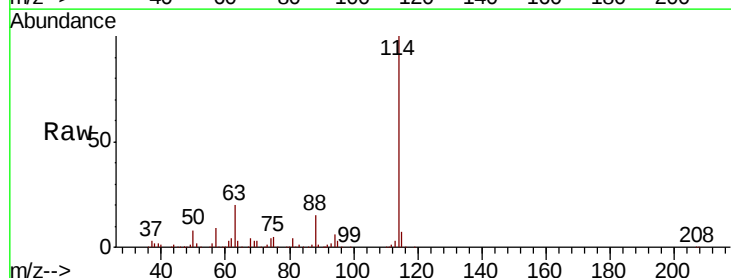
Tgt Ion: 114 Resp: 1075119

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.1 0.0 29.2



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

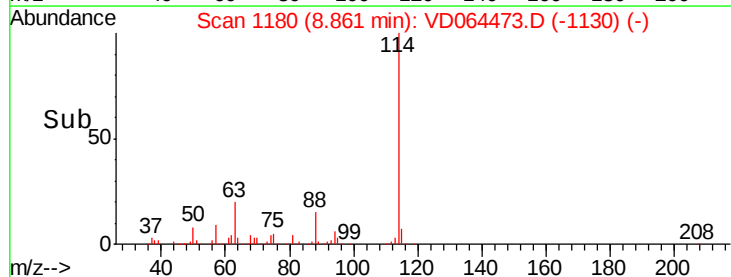
600000

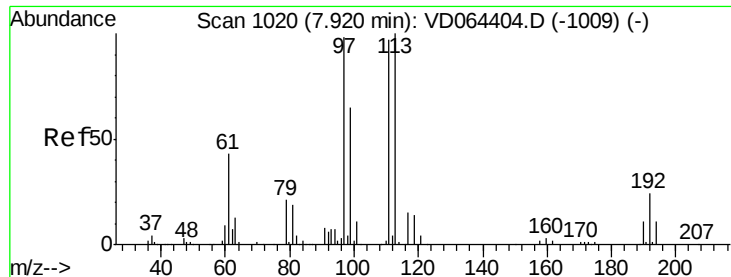
400000

200000

0

Time--> 8.80 8.90 9.00

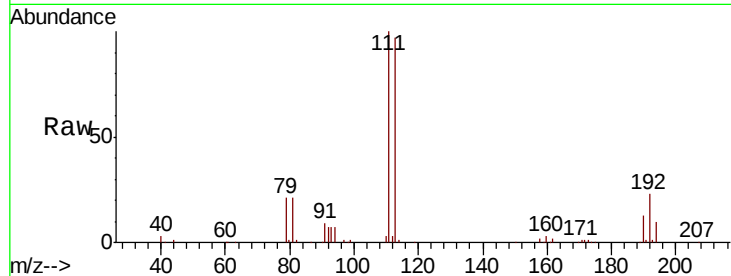




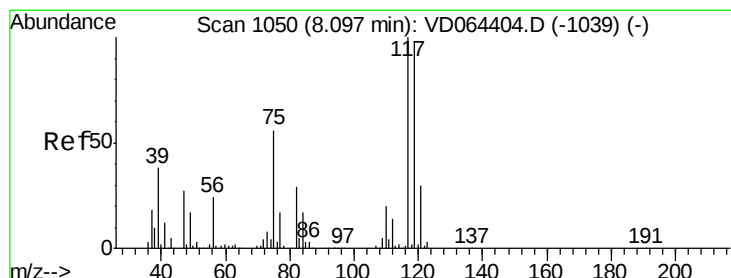
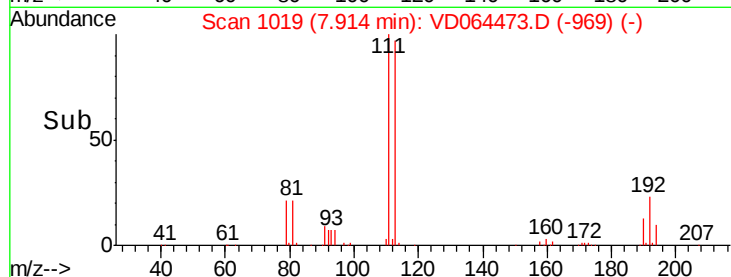
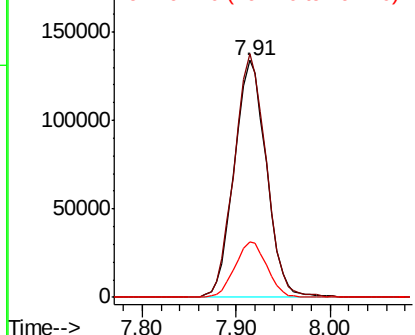
#35
 Dibromofluoromethane
 Concen: 47.052 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064473.D
 Acq: 09 Dec 2019 16:21

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 318720
 Ion Ratio Lower Upper
 113 100
 111 102.2 79.4 119.2
 192 23.2 18.6 28.0

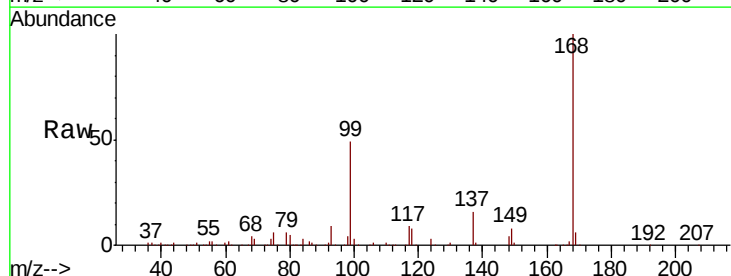


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

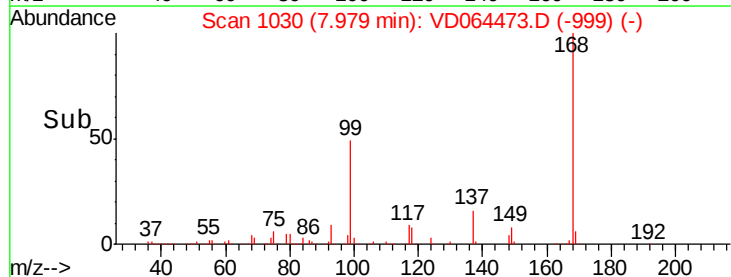
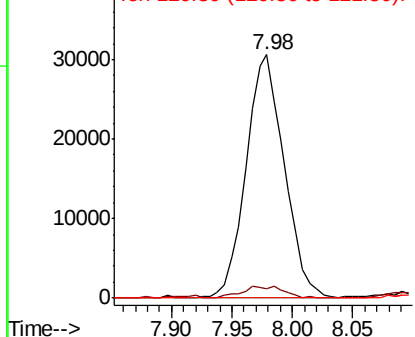


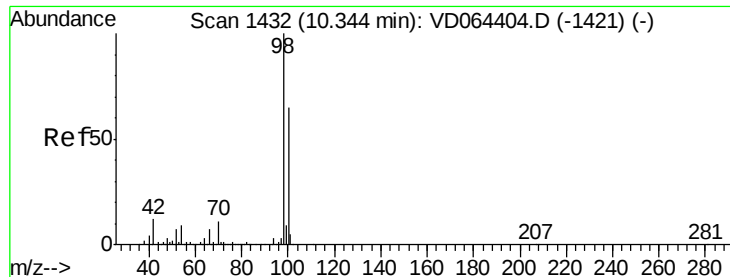
#38
 Carbon Tetrachloride
 Concen: 6.259 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064473.D
 Acq: 09 Dec 2019 16:21

Tgt Ion:117 Resp: 67176
 Ion Ratio Lower Upper
 117 100
 119 3.7 78.8 118.2#
 121 0.0 24.2 36.2#



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

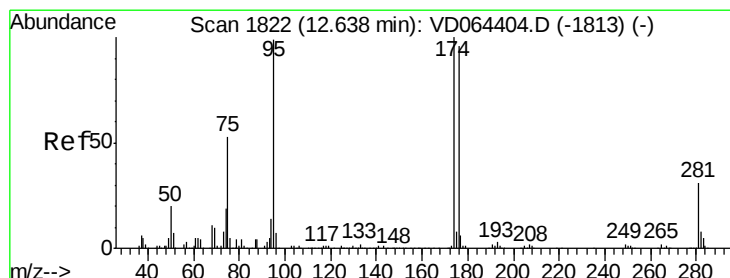
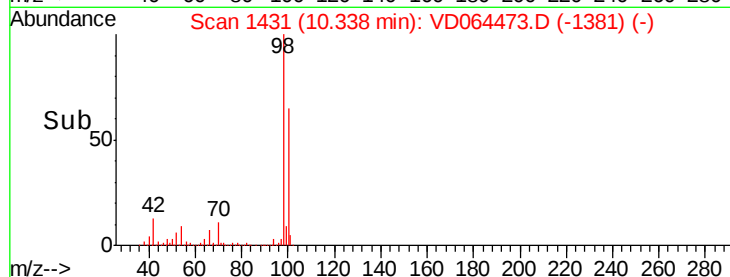
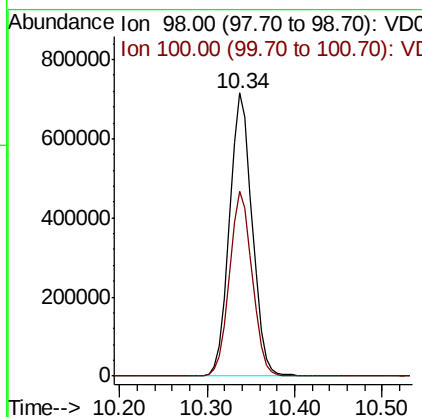
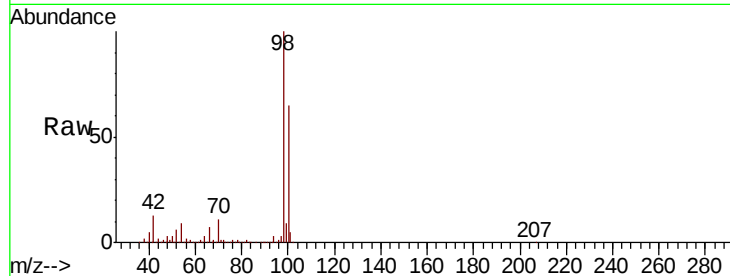




#50
Toluene-d8
Concen: 49.538 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064473.D
Acq: 09 Dec 2019 16:21

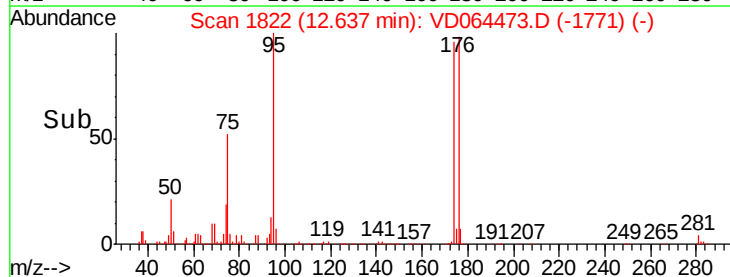
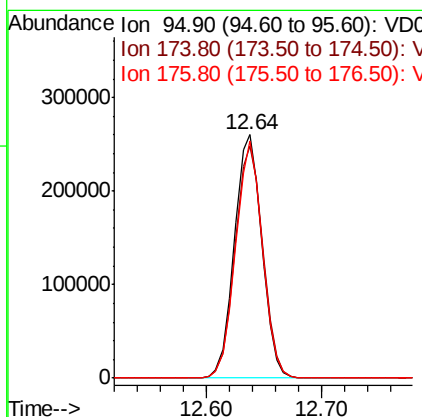
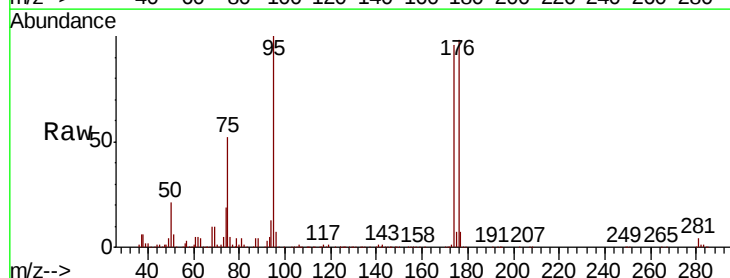
Instrument :
MSVOA_D
ClientSampleId :

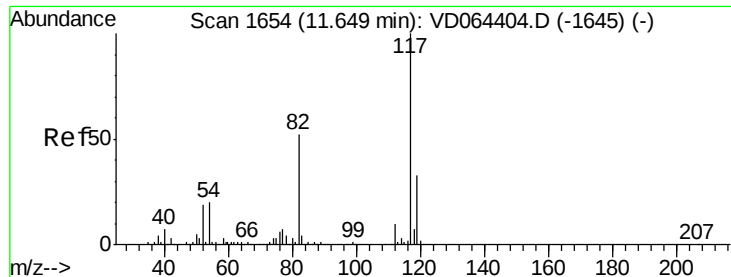
Tot Ion: 98 Resp: 1264026
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 52.310 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064473.D
Acq: 09 Dec 2019 16:21

Tgt Ion: 95 Resp: 428948
Ion Ratio Lower Upper
95 100
174 96.3 0.0 197.2
176 94.8 0.0 189.6

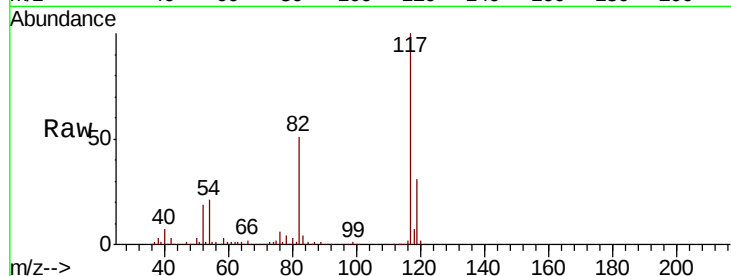




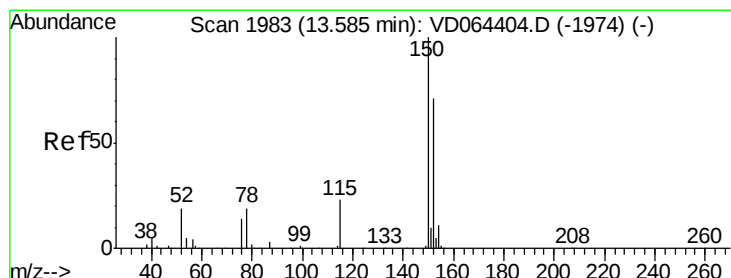
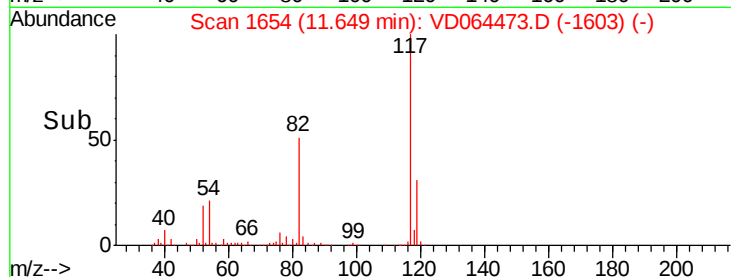
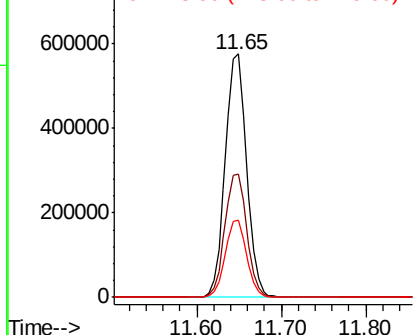
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064473.D
Acq: 09 Dec 2019 16:21

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1005436
Ion Ratio Lower Upper
117 100
82 50.6 41.4 62.2
119 31.5 26.2 39.2

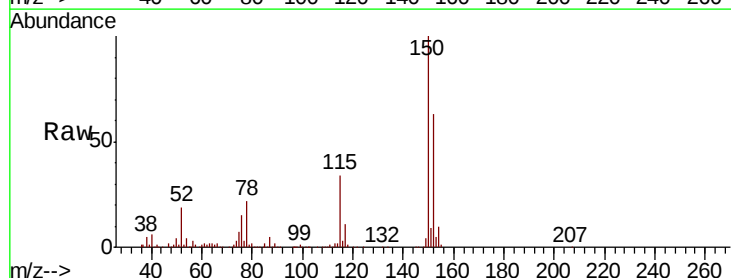


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
Ion 118.90 (118.60 to 119.60): V

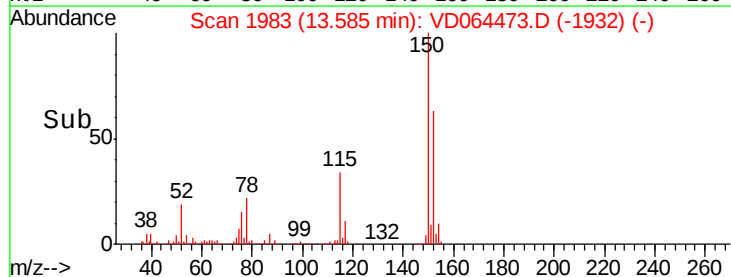
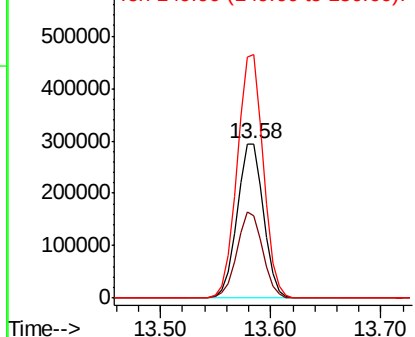


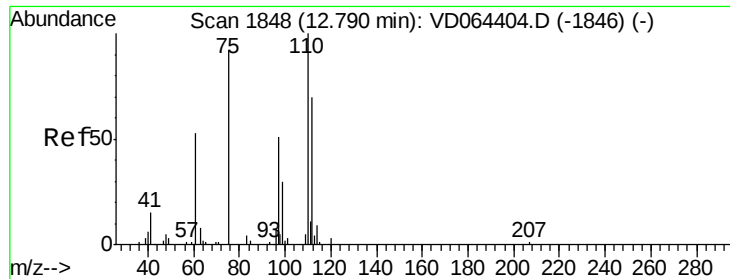
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064473.D
Acq: 09 Dec 2019 16:21

Tgt Ion:152 Resp: 493466
Ion Ratio Lower Upper
152 100
115 54.3 26.7 80.1
150 156.4 0.0 347.2



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

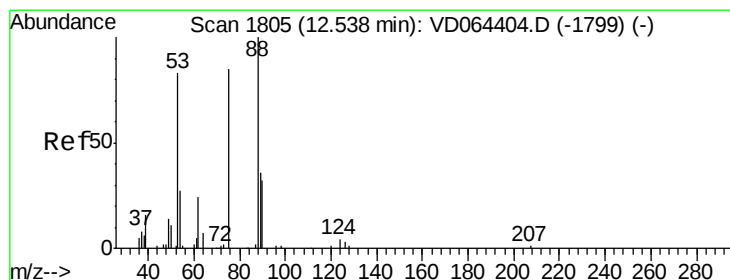
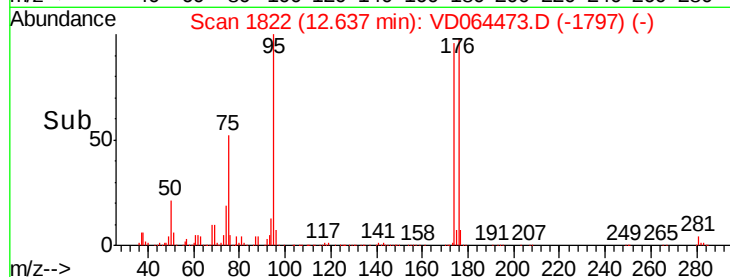
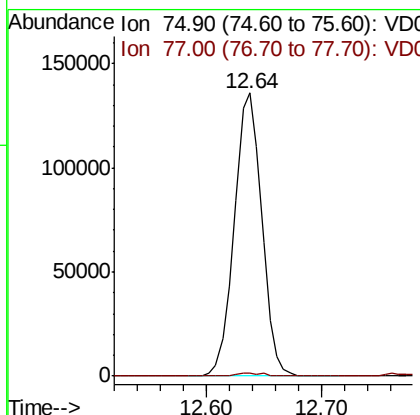
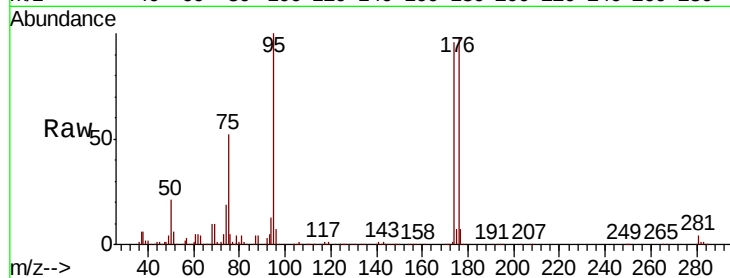




#76
 1,2,3-Trichloropropane
 Concen: 55.096 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064473.D
 Acq: 09 Dec 2019 16:21

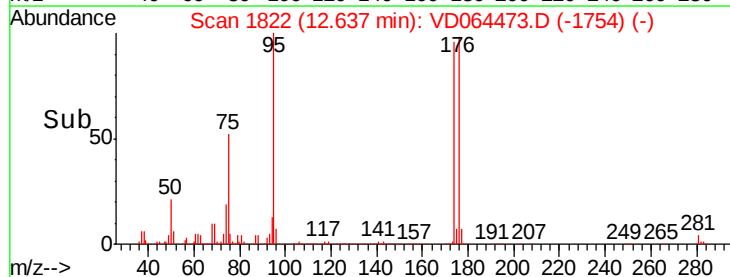
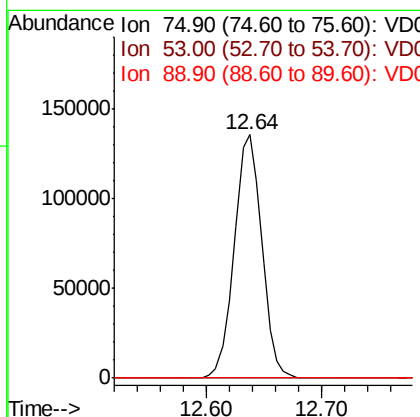
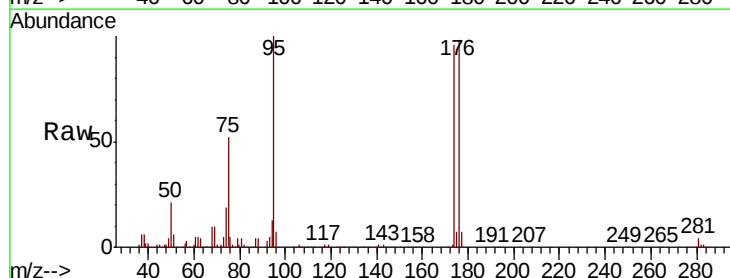
Instrument :
 MSVOA_D
 ClientSampleId :

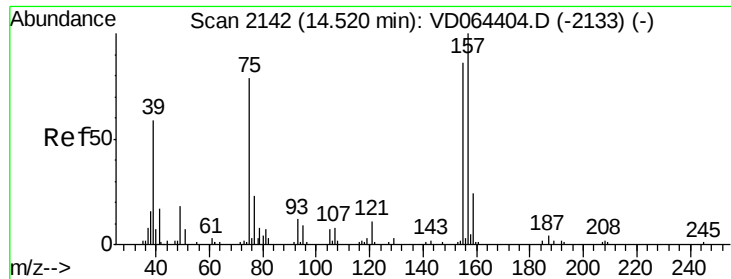
Tot Ion: 75 Resp: 223585
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.138 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD064473.D
 Acq: 09 Dec 2019 16:21

Tgt Ion: 75 Resp: 223585
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.0 121.6#
 89 0.0 38.5 57.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.42 min Scan# 2125

Delta R.T. -0.10 min

Lab File: VD064473.D

Acq: 09 Dec 2019 16:21

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 63.2 189.8#

