

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064454.D
 Acq On : 06 Dec 2019 13:04
 Operator : VA/SY
 Sample : K6176-04
 Misc : 6.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 22:36:15 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

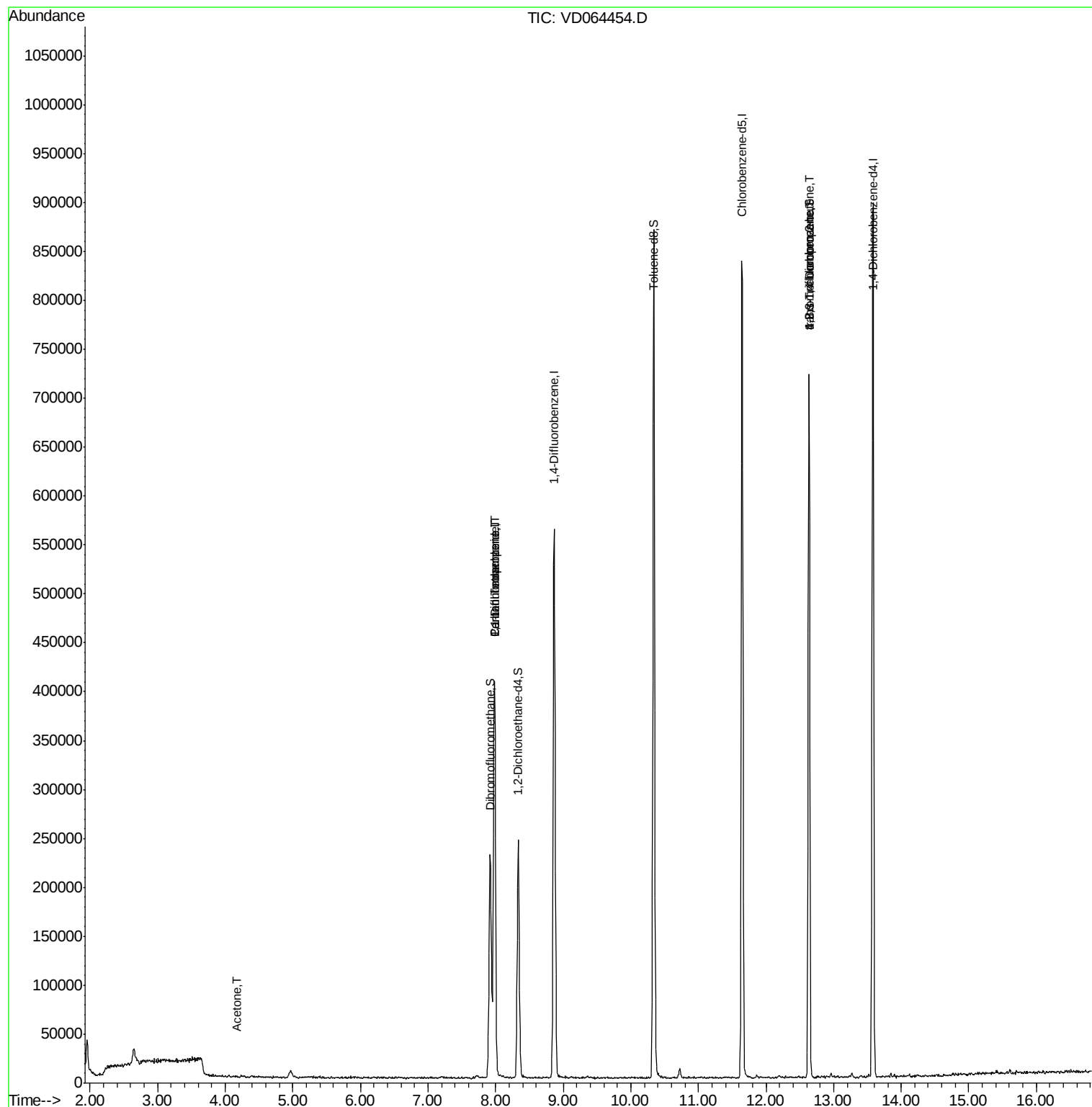
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	331540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	492292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	487172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	183885	61.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.56%	
35) Dibromofluoromethane	7.92	113	160117	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.34	98	584340	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.64	95	214085	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	981	1.618	ug/l #	59
20) Methylene Chloride	4.97	84	4716	Below Cal		89
31) Cyclohexane	7.99	56	7400	Below Cal	#	38
36) 1,1-Dichloropropene	7.99	75	23495	5.046	ug/l #	49
38) Carbon Tetrachloride	7.98	117	29671	6.037	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	114474	55.380	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	114474	120.758	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.32	75	55	Below Cal	#	1

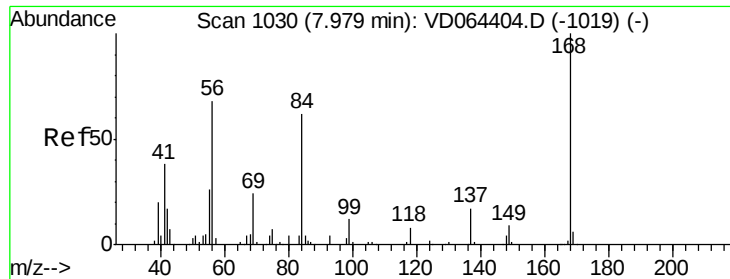
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
Data File : VD064454.D
Acq On : 06 Dec 2019 13:04
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 06 22:36:15 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: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064454.D

Acq: 06 Dec 2019 13:04

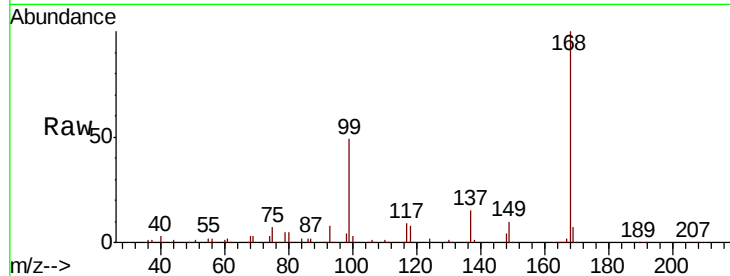
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 331540

Ion Ratio Lower Upper

168 100

99 48.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

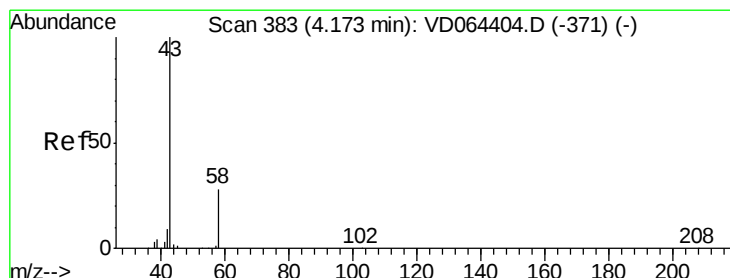
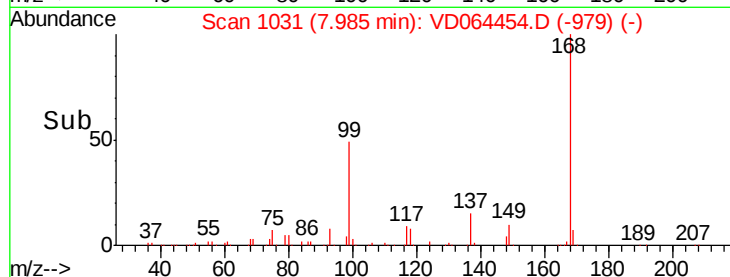
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.618 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064454.D

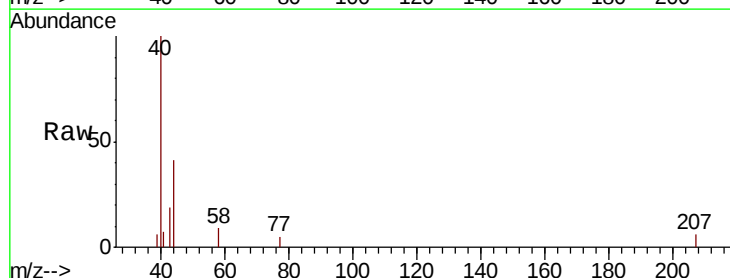
Acq: 06 Dec 2019 13:04

Tgt Ion: 43 Resp: 981

Ion Ratio Lower Upper

43 100

58 49.8 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

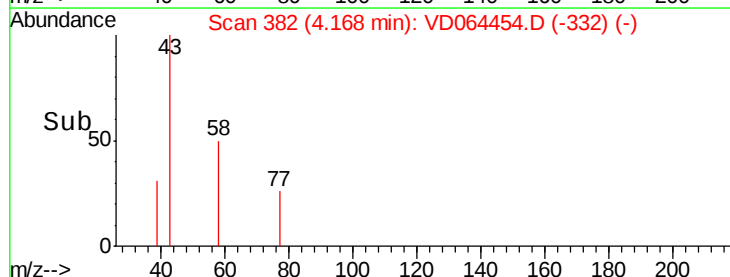
600

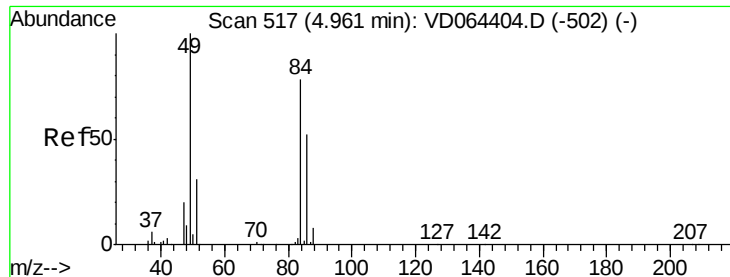
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200

0

Time-->

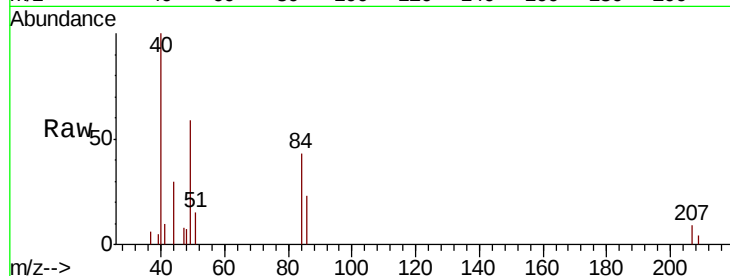




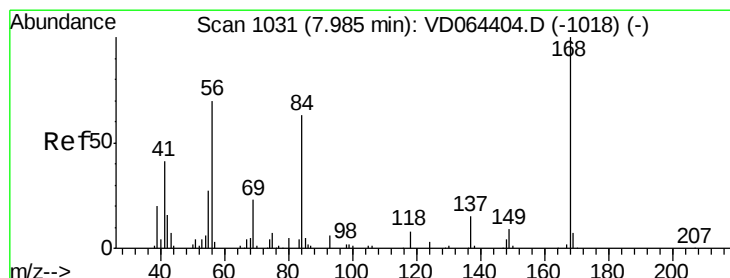
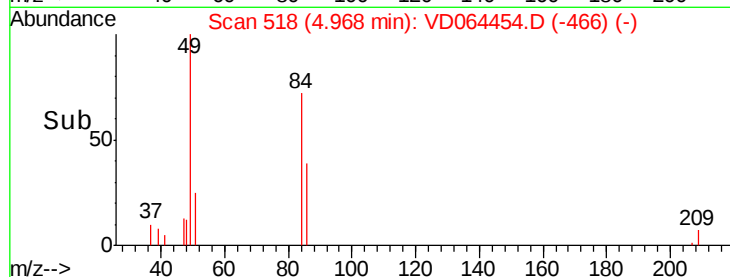
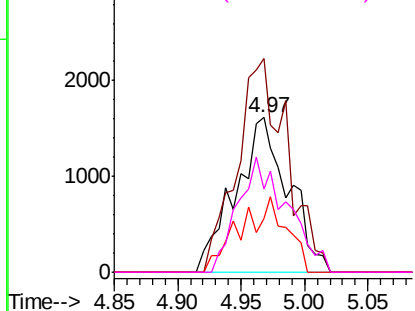
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064454.D
Acq: 06 Dec 2019 13:04

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 4716
Ion Ratio Lower Upper
84 100
49 138.0 102.6 153.8
51 34.7 32.0 48.0
86 53.6 53.4 80.0

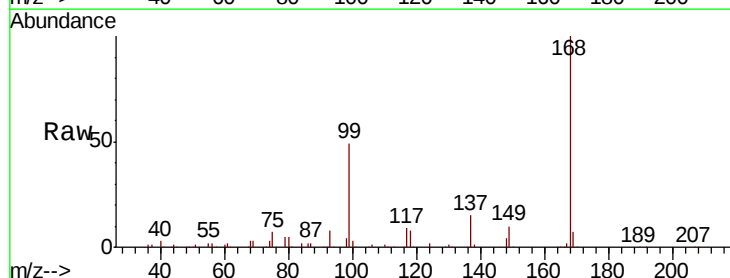


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

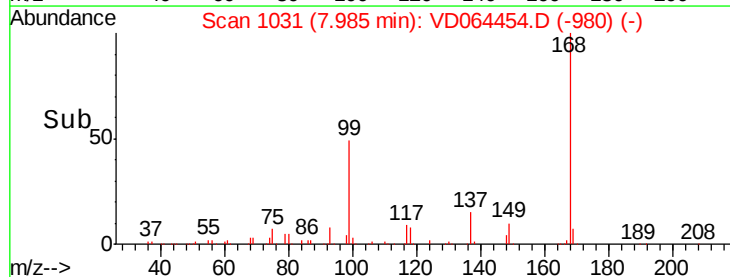
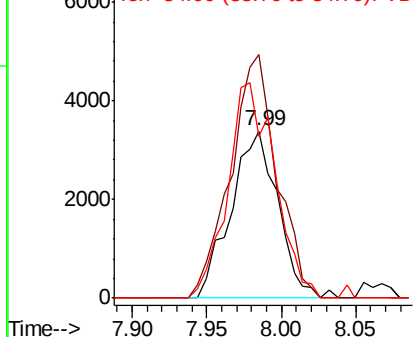


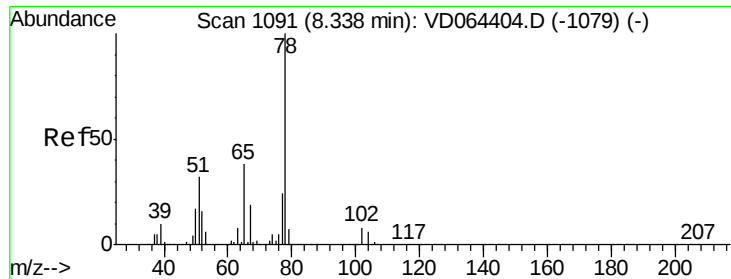
#31
Cyclohexane
Concen: Below Cal
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064454.D
Acq: 06 Dec 2019 13:04

Tgt Ion: 56 Resp: 7400
Ion Ratio Lower Upper
56 100
69 145.7 26.2 39.4#
84 97.0 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

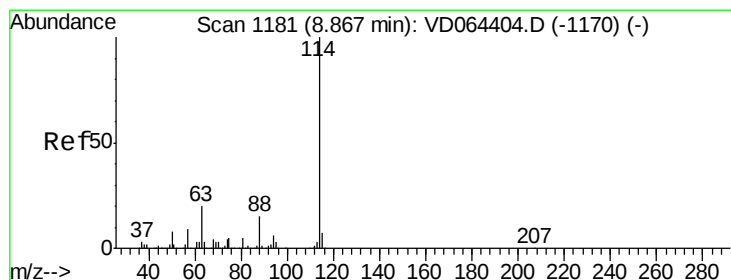
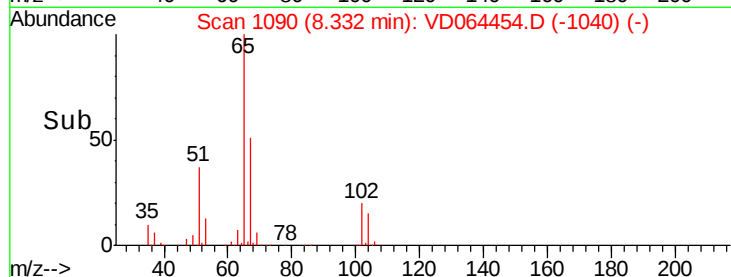
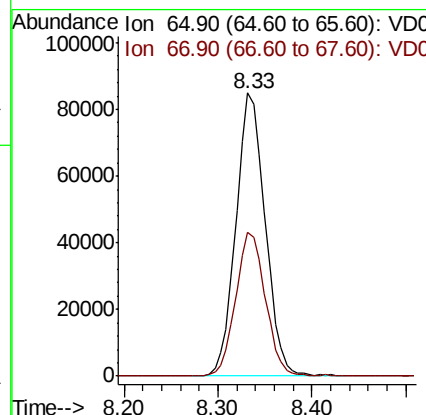
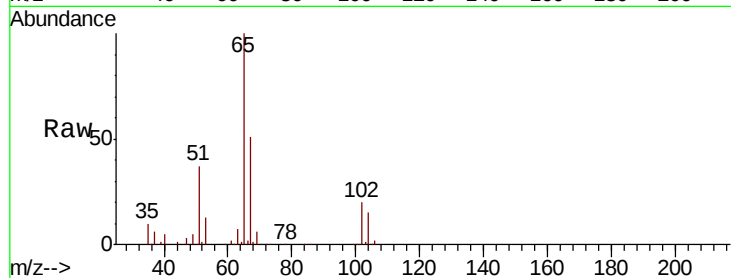




#33
 1,2-Dichloroethane-d4
 Concen: 61.276 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064454.D
 Acq: 06 Dec 2019 13:04

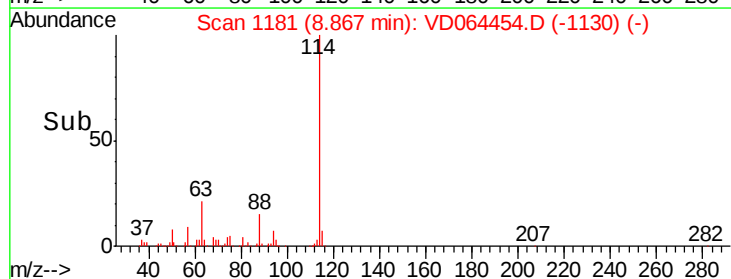
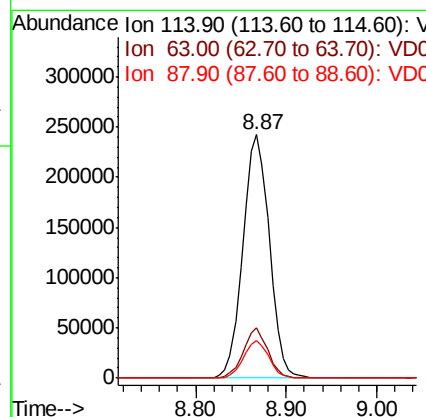
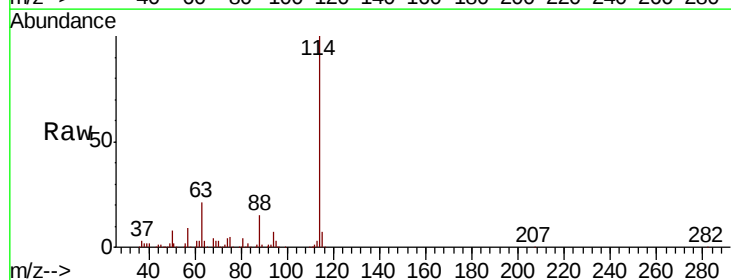
Instrument :
 MSVOA_D
 ClientSampled :

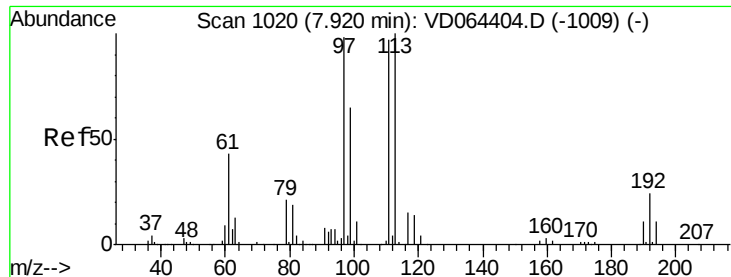
Tot Ion: 65 Resp: 183885
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064454.D
 Acq: 06 Dec 2019 13:04

Tgt Ion: 114 Resp: 492292
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.0
 88 15.5 0.0 29.2

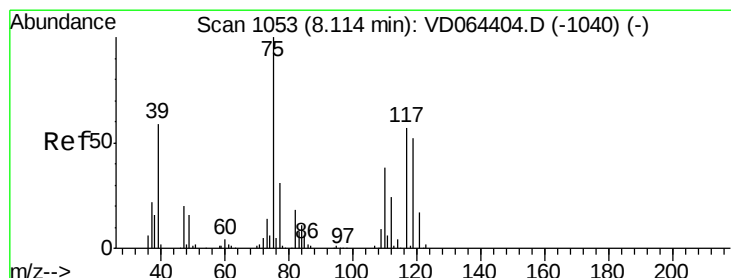
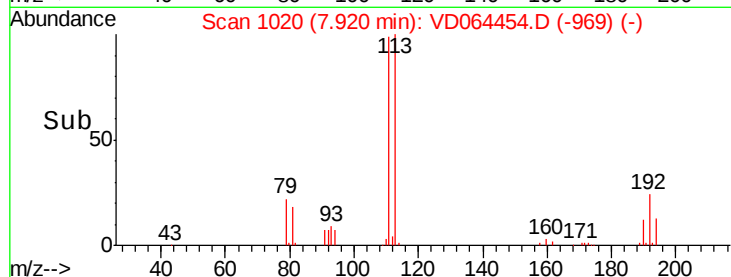
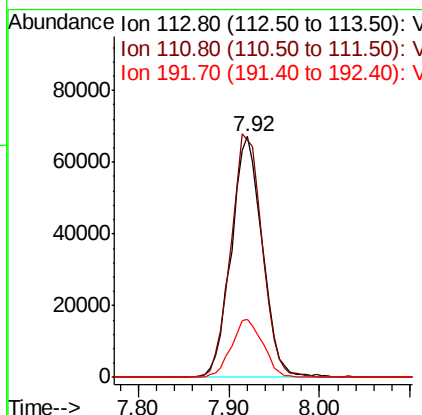
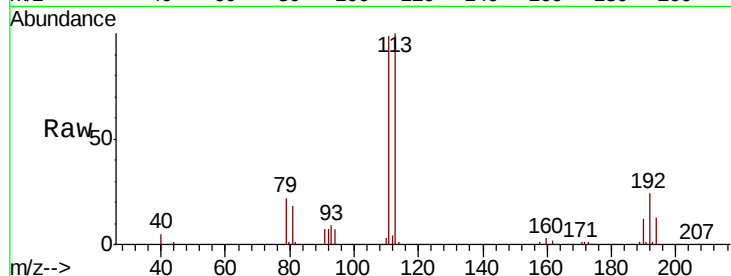




#35
 Dibromofluoromethane
 Concen: 51.623 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064454.D
 Acq: 06 Dec 2019 13:04

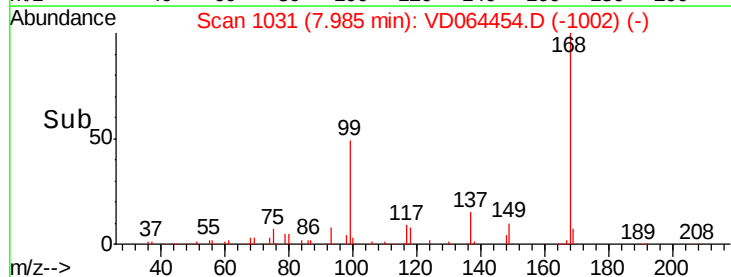
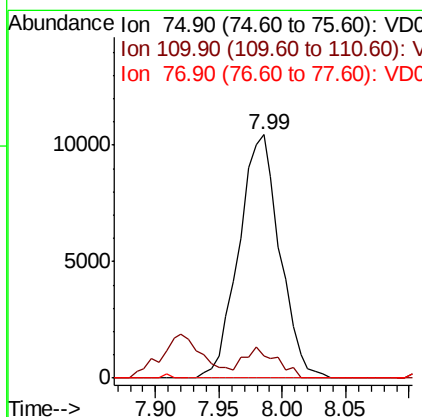
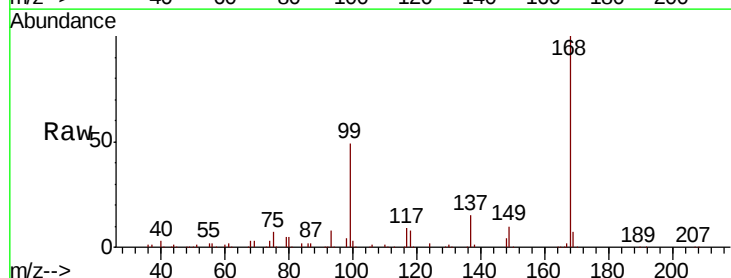
Instrument :
 MSVOA_D
 ClientSampleId :

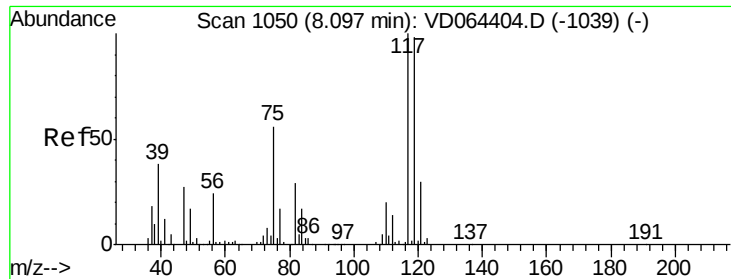
Tot Ion:113 Resp: 160117
 Ion Ratio Lower Upper
 113 100
 111 102.4 79.4 119.2
 192 24.3 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 5.046 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064454.D
 Acq: 06 Dec 2019 13:04

Tgt Ion: 75 Resp: 23495
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.6 55.8#
 77 0.0 25.0 37.4#

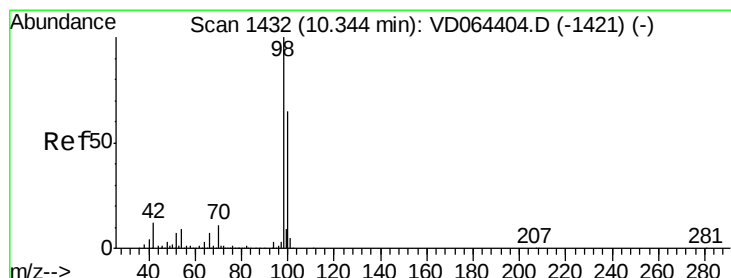
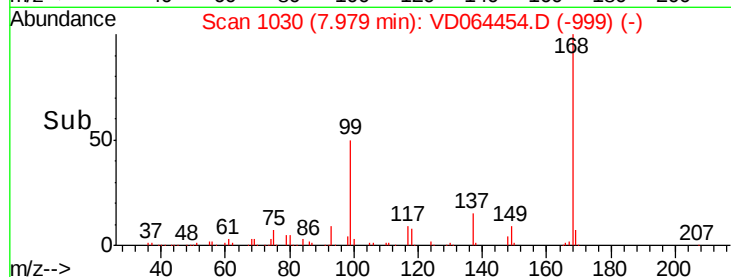
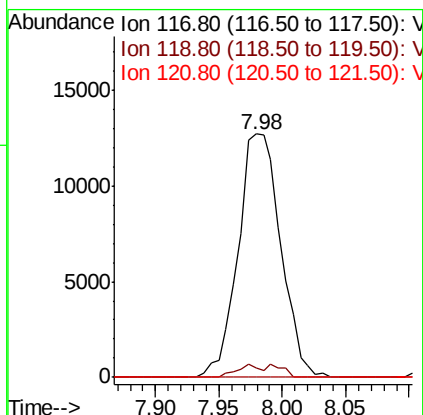
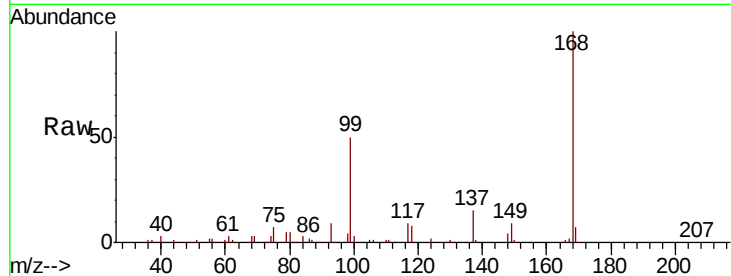




#38
Carbon Tetrachloride
Concen: 6.037 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064454.D
Acq: 06 Dec 2019 13:04

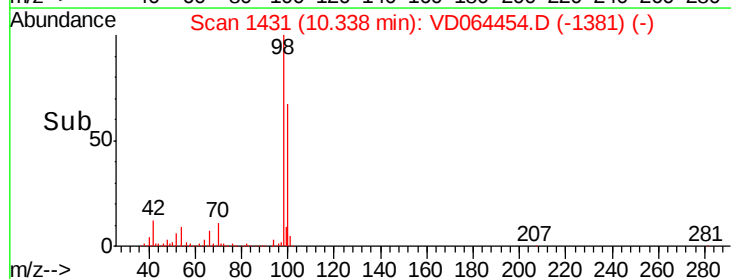
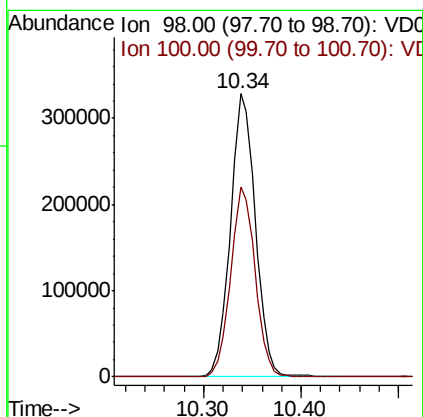
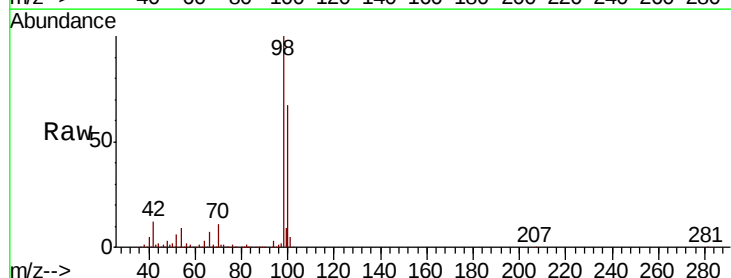
Instrument :
MSVOA_D
ClientSampleId :

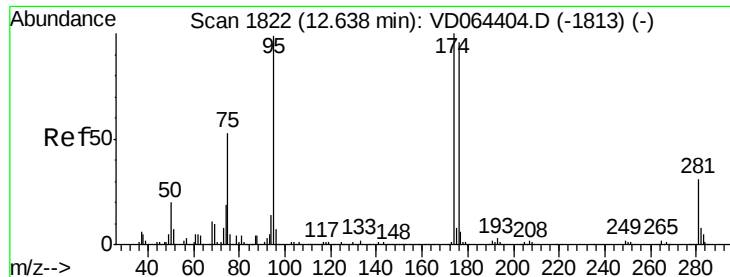
Tot Ion:117 Resp: 29671
Ion Ratio Lower Upper
117 100
119 4.0 78.8 118.2#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.013 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064454.D
Acq: 06 Dec 2019 13:04

Tgt Ion: 98 Resp: 584340
Ion Ratio Lower Upper
98 100
100 65.9 52.6 79.0

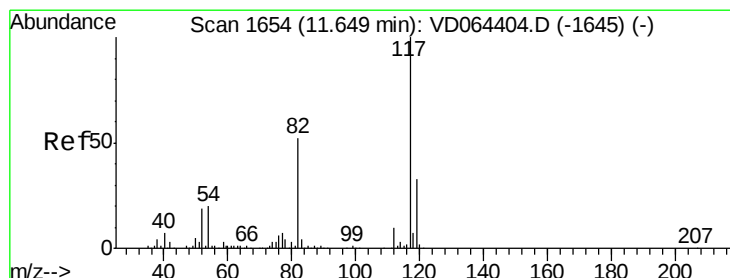
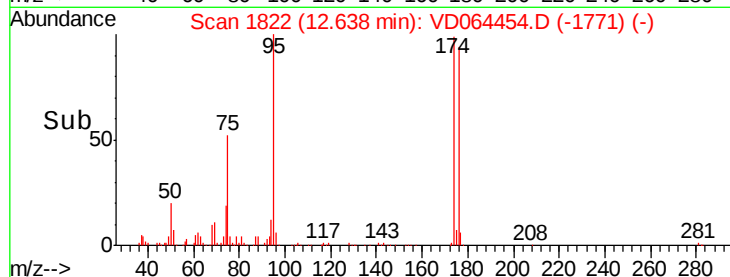
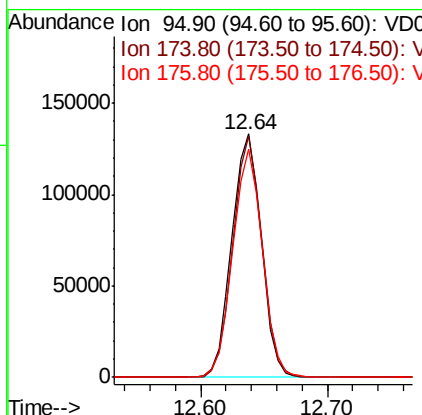
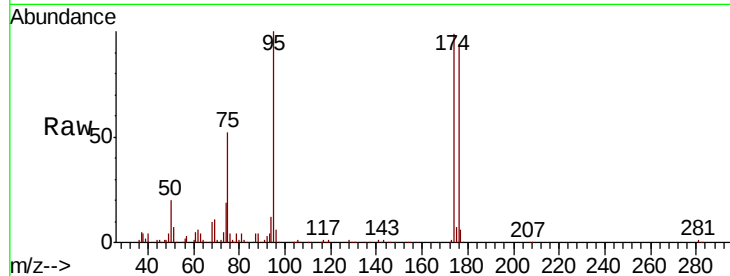




#62
4-Bromofluorobenzene
Concen: 57.016 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064454.D
Acq: 06 Dec 2019 13:04

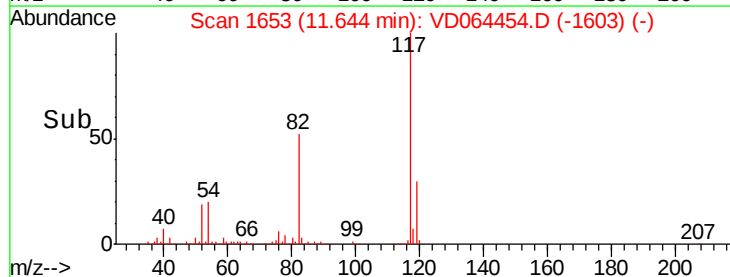
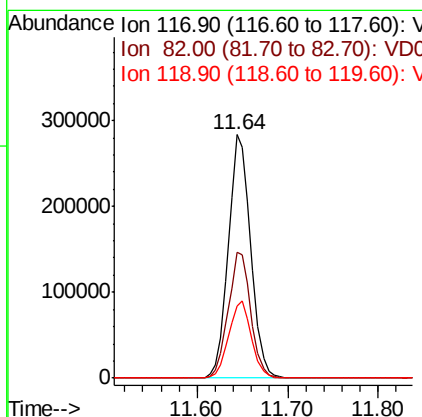
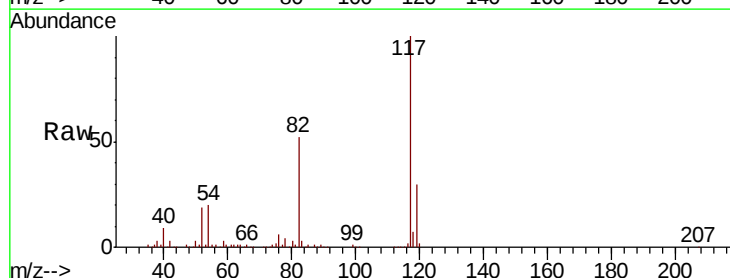
Instrument :
MSVOA_D
ClientSampleId :

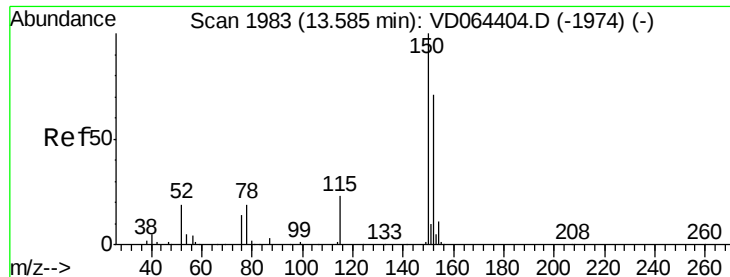
Tot Ion	95	Resp	214085
Ion Ratio	Lower	Upper	
95	100		
174	97.7	0.0	197.2
176	93.8	0.0	189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064454.D
Acq: 06 Dec 2019 13:04

Tgt Ion	117	Resp	487172
Ion Ratio	Lower	Upper	
117	100		
82	51.6	41.4	62.2
119	29.5	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064454.D

Acq: 06 Dec 2019 13:04

Instrument :

MSVOA_D

ClientSampleId :

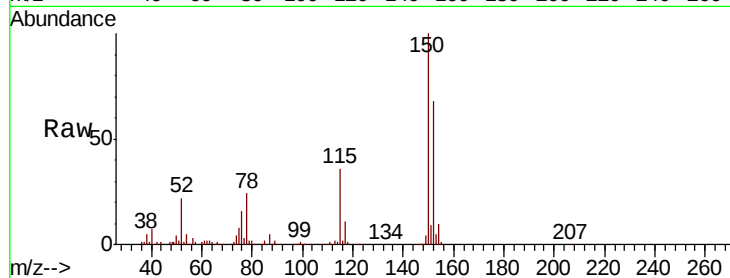
Tot Ion:152 Resp: 251354

Ion Ratio Lower Upper

152 100

115 54.1 26.7 80.1

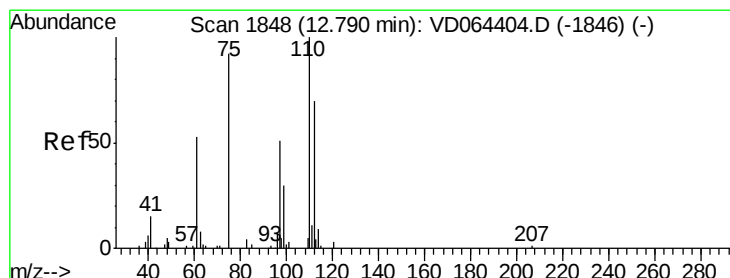
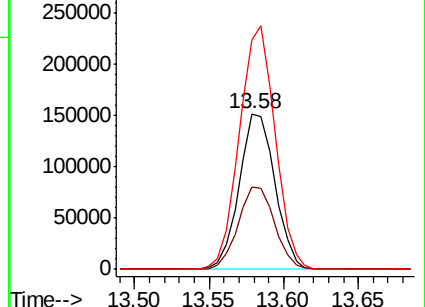
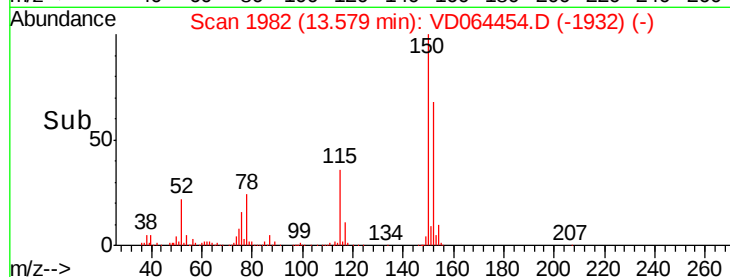
150 156.1 0.0 347.2



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: 55.380 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064454.D

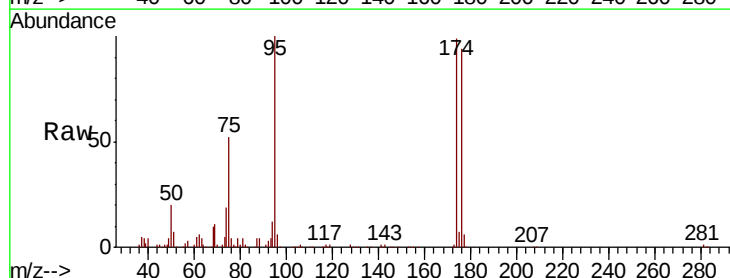
Acq: 06 Dec 2019 13:04

Tgt Ion: 75 Resp: 114474

Ion Ratio Lower Upper

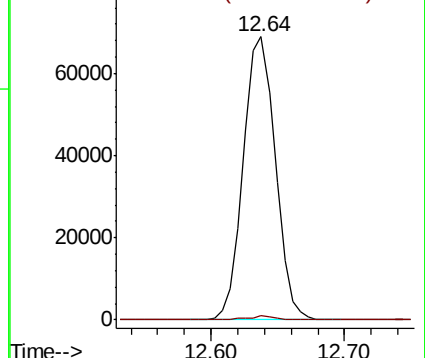
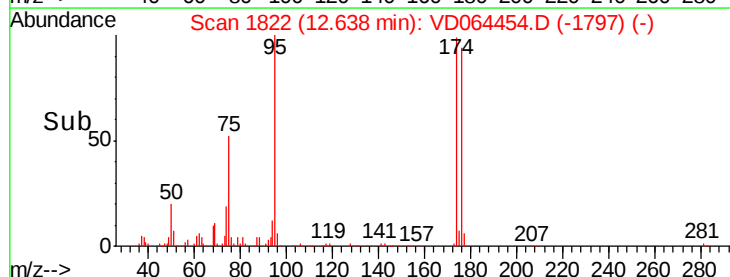
75 100

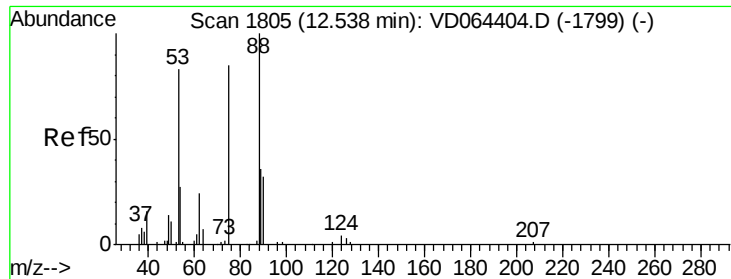
77 1.1 0.0 0.0#



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: 120.758 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064454.D

Acq: 06 Dec 2019 13:04

Instrument :

MSVOA_D

ClientSampleId :

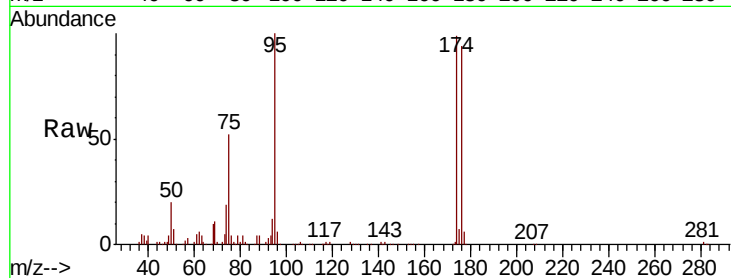
Tot Ion: 75 Resp: 114474

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

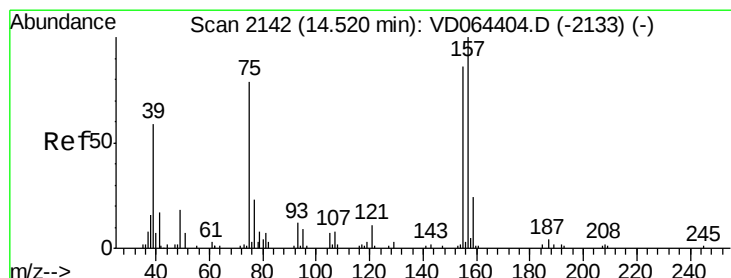
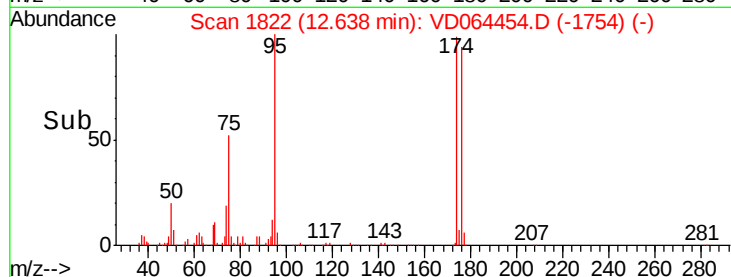
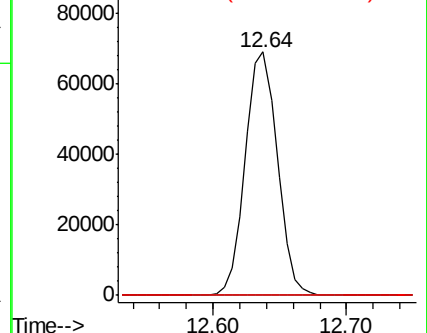
89 0.0 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.32 min Scan# 2108

Delta R.T. -0.20 min

Lab File: VD064454.D

Acq: 06 Dec 2019 13:04

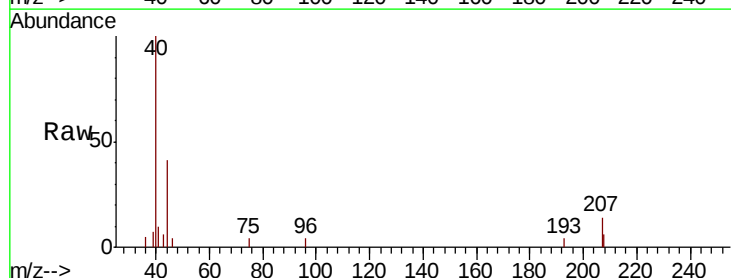
Tgt Ion: 75 Resp: 55

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 63.2 189.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

