

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121319\
 Data File : VD064514.D
 Acq On : 13 Dec 2019 18:46
 Operator : VA/SY
 Sample : K6294-04
 Misc : 6.5G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Dec 13 22:54:14 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	372573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	584258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	573807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284682	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	180669	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.91	113	186717	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.34	98	708810	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.64	95	249328	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	

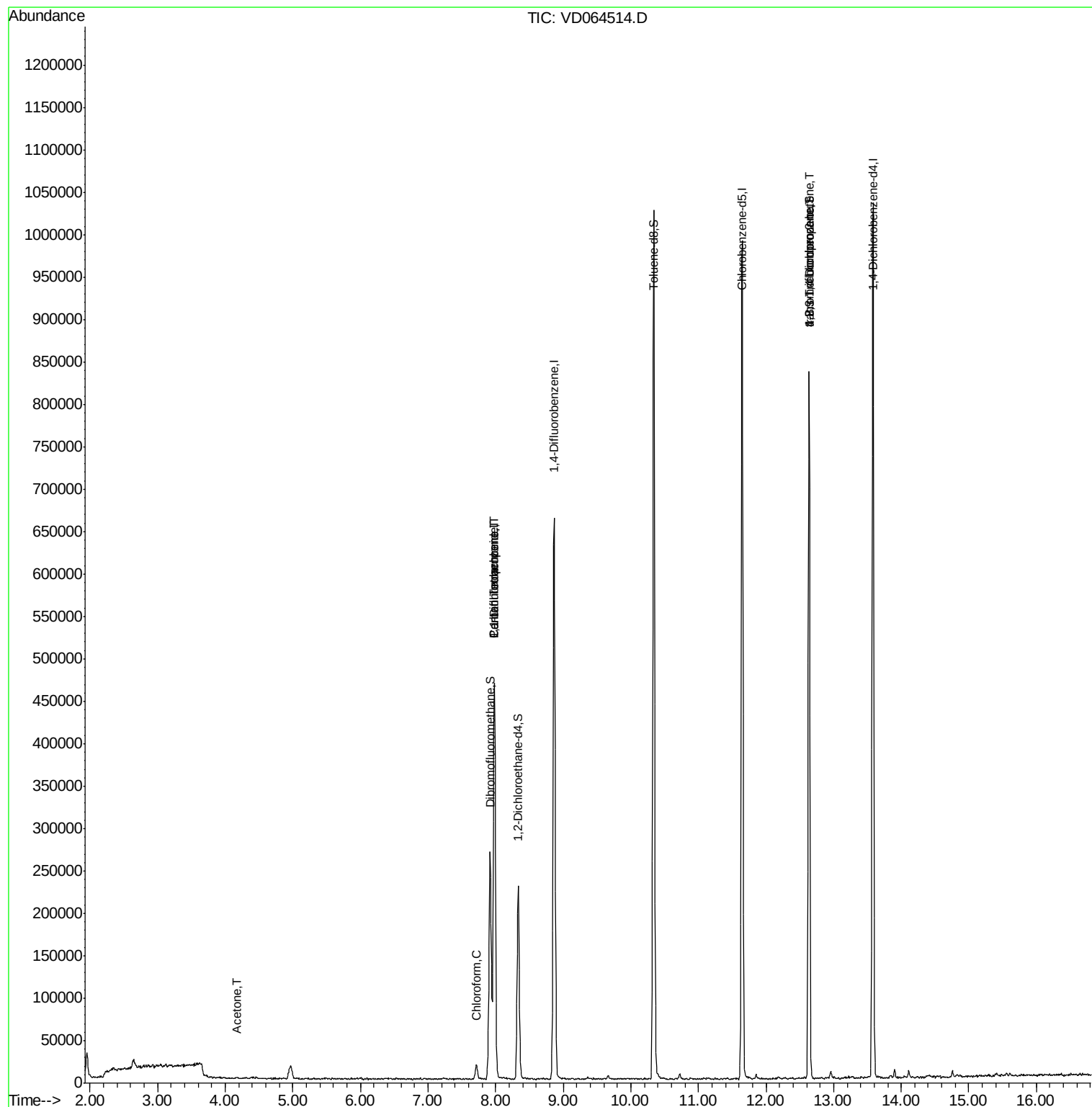
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	1202	1.764	ug/l #	47
20) Methylene Chloride	4.96	84	12490	Below Cal	#	81
30) Chloroform	7.71	83	15702	2.437	ug/l	97
31) Cyclohexane	7.98	56	7829	Below Cal	#	6
36) 1,1-Dichloropropene	7.98	75	26204	4.742	ug/l #	49
38) Carbon Tetrachloride	7.99	117	34798	5.966	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	128395	54.843	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	128395	119.587	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61	Below Cal	#	1

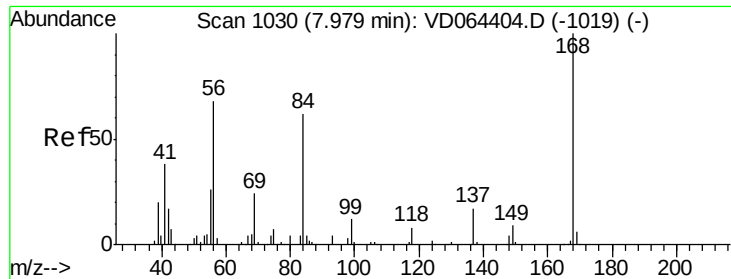
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064514.D

Acq: 13 Dec 2019 18:46

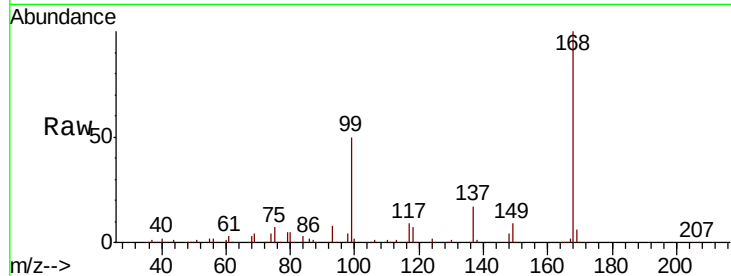
Instrument :
MSVOA_D
ClientSampled :
TP-2

Tgt Ion: 168 Resp: 372573

Ion Ratio Lower Upper

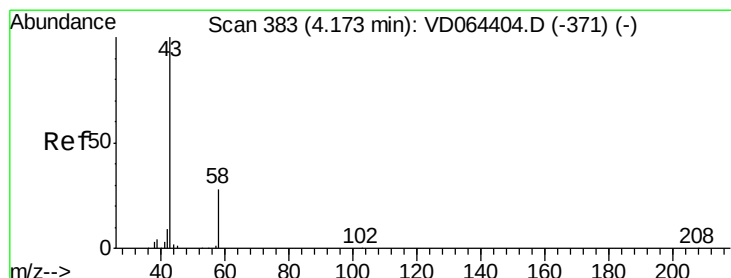
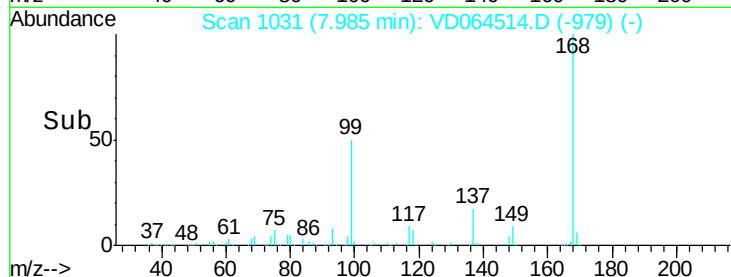
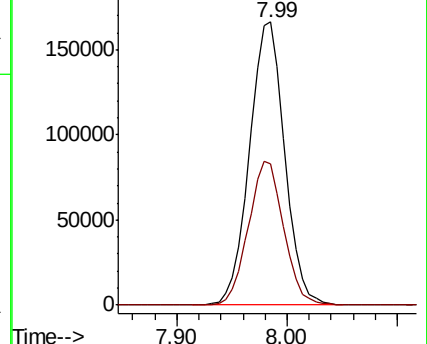
168 100

99 49.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 1.764 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.00 min

Lab File: VD064514.D

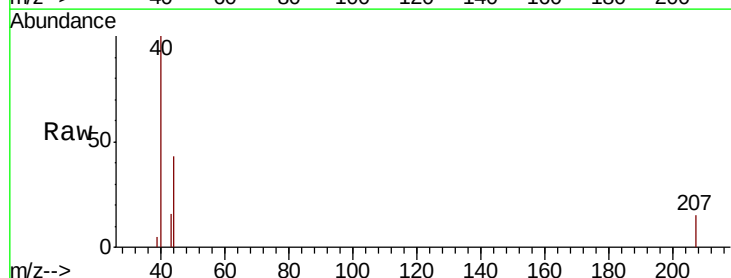
Acq: 13 Dec 2019 18:46

Tgt Ion: 43 Resp: 1202

Ion Ratio Lower Upper

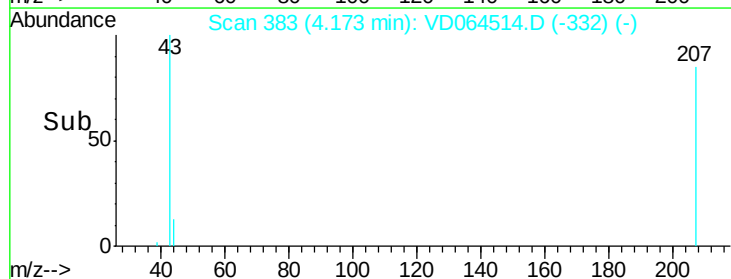
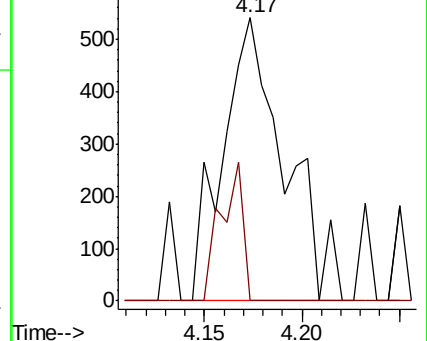
43 100

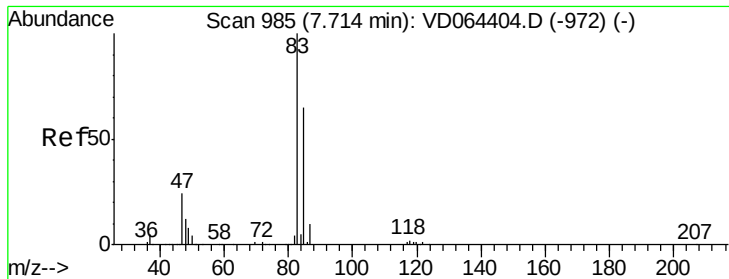
58 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

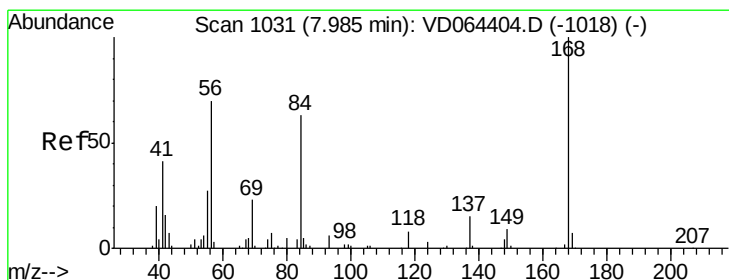
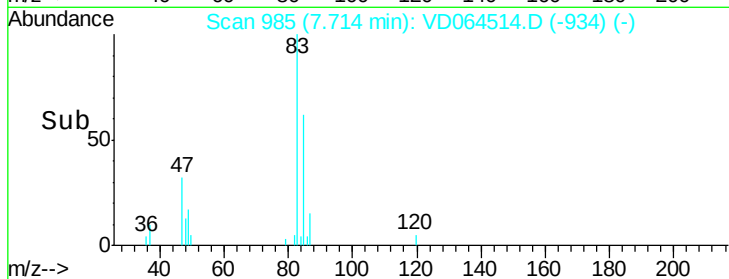
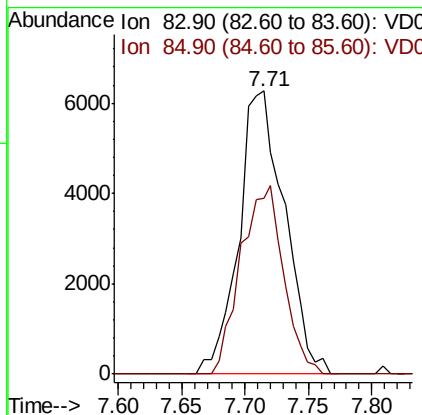
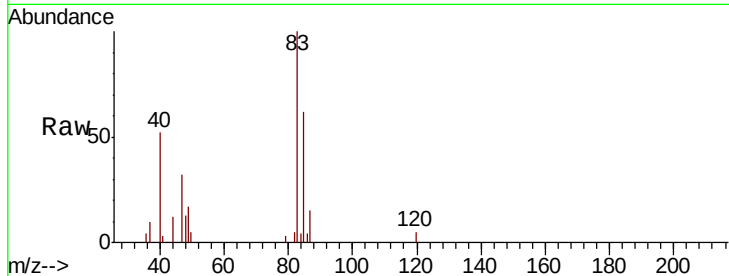




#30
Chloroform
Concen: 2.437 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064514.D
Acq: 13 Dec 2019 18:46

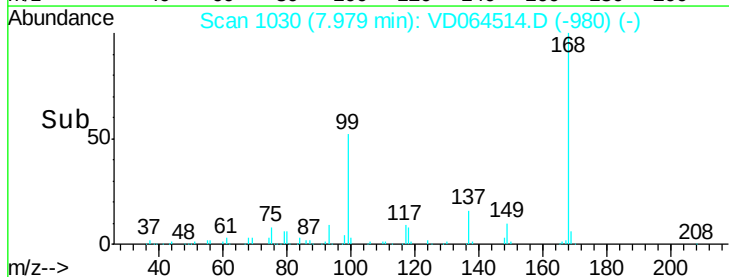
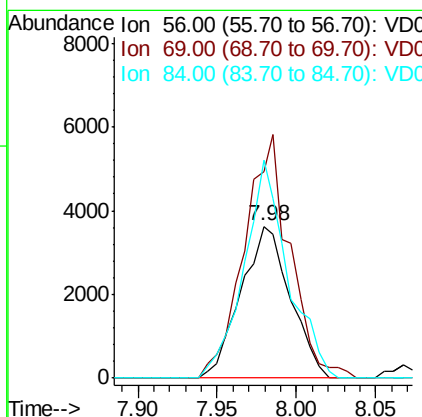
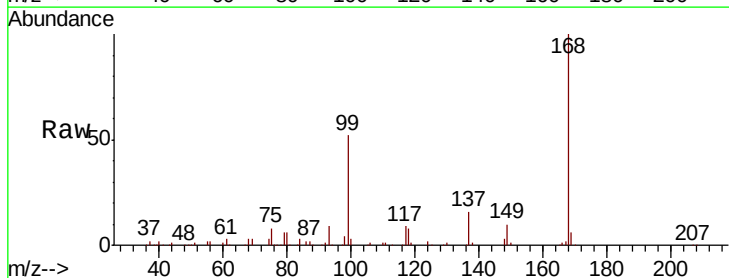
Instrument :
MSVOA_D
ClientSampleId :
TP-2

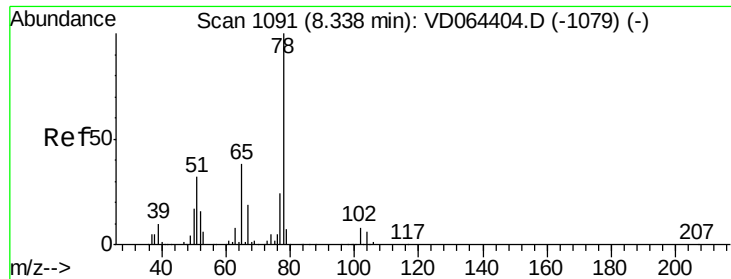
Tgt Ion: 83 Resp: 15702
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.6



#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD064514.D
Acq: 13 Dec 2019 18:46

Tgt Ion: 56 Resp: 7829
Ion Ratio Lower Upper
56 100
69 136.5 26.2 39.4#
84 143.9 70.3 105.5#

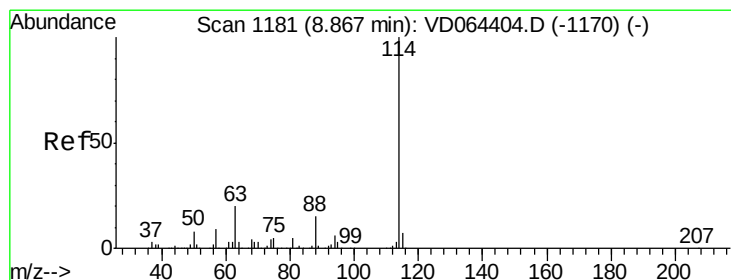
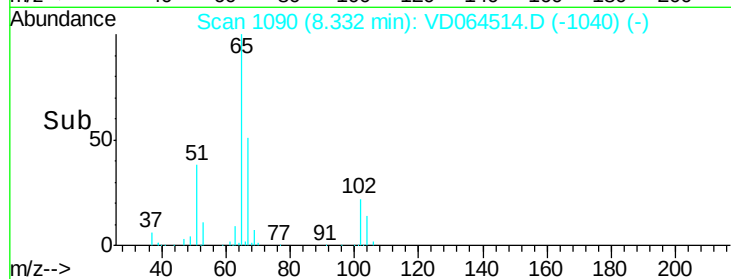
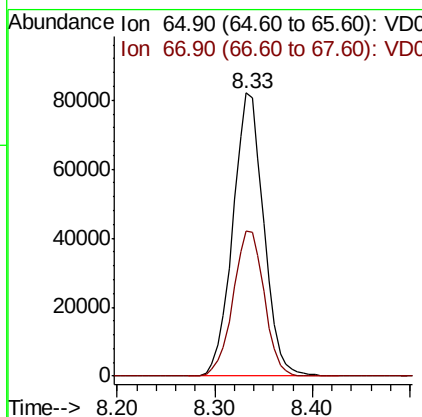
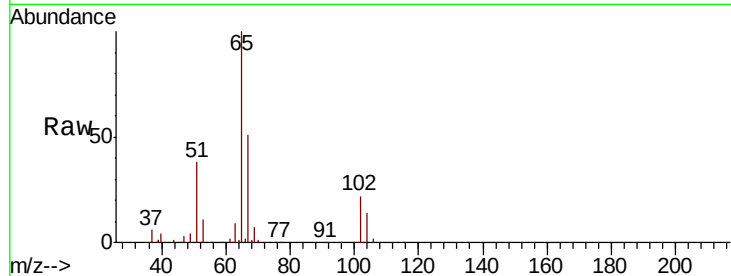




#33
 1,2-Dichloroethane-d4
 Concen: 53.574 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064514.D
 Acq: 13 Dec 2019 18:46

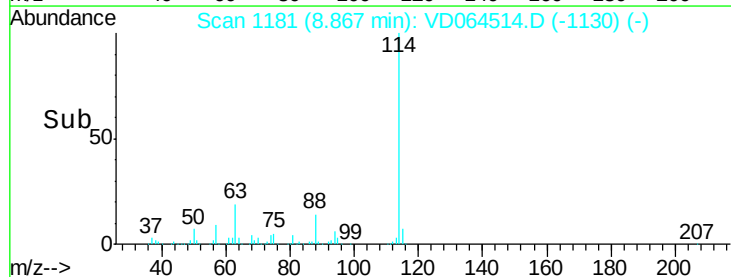
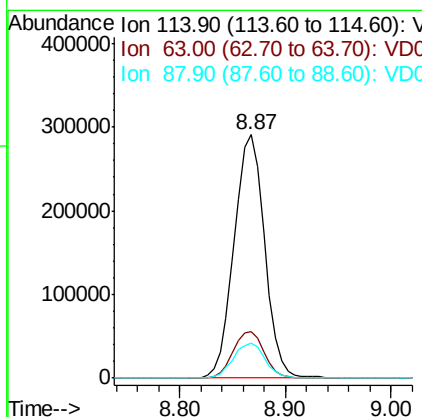
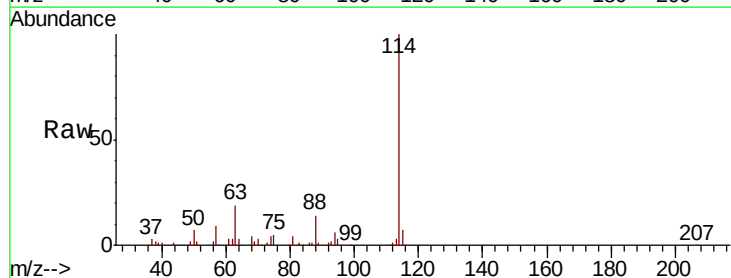
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

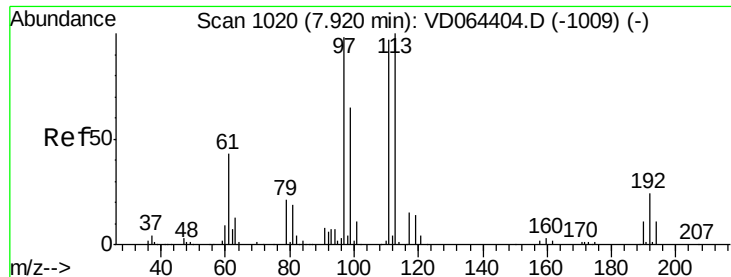
Tgt Ion: 65 Resp: 180669
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064514.D
 Acq: 13 Dec 2019 18:46

Tgt Ion: 114 Resp: 584258
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 14.4 0.0 29.2

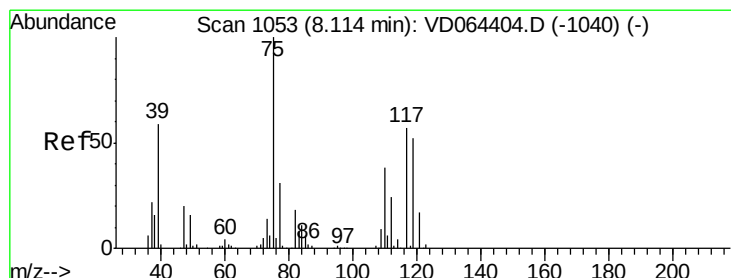
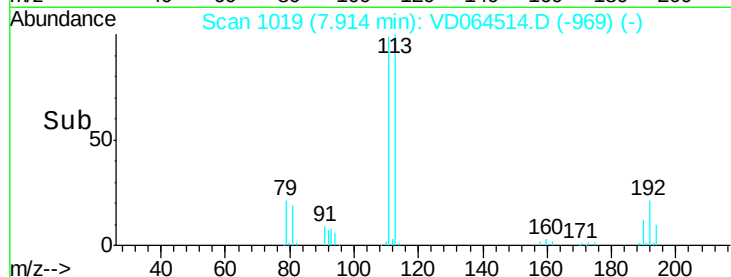
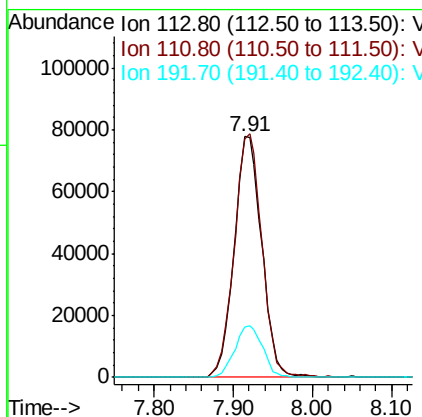
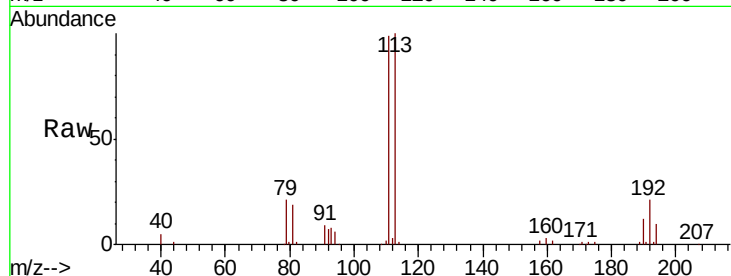




#35
 Dibromofluoromethane
 Concen: 50.723 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064514.D
 Acq: 13 Dec 2019 18:46

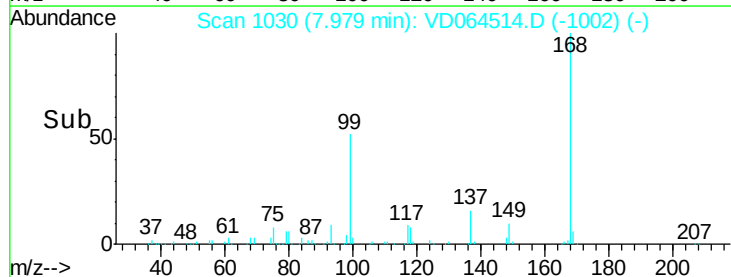
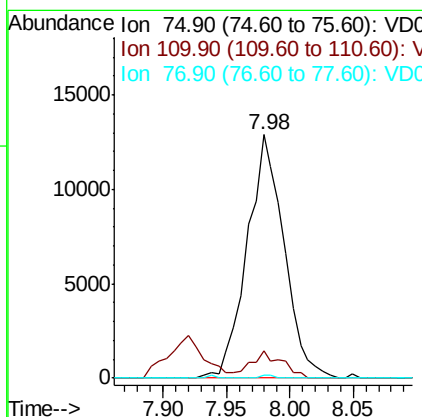
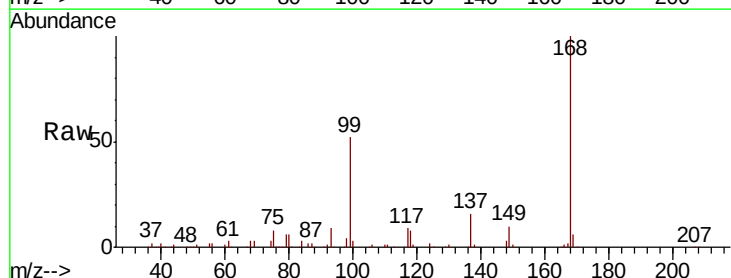
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

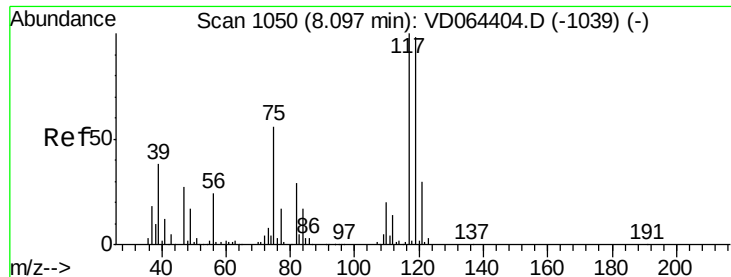
Tgt Ion: 113 Resp: 186717
 Ion Ratio Lower Upper
 113 100
 111 101.5 79.4 119.2
 192 21.9 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 4.742 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064514.D
 Acq: 13 Dec 2019 18:46

Tgt Ion: 75 Resp: 26204
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.6 55.8#
 77 0.5 25.0 37.4#

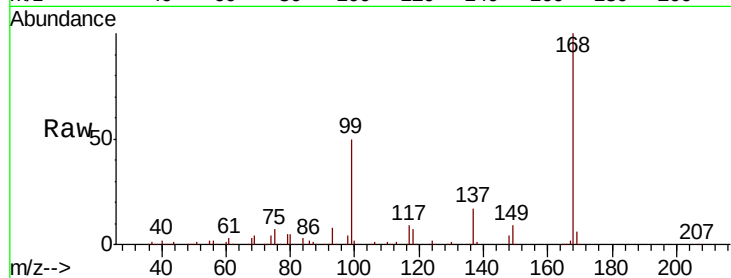




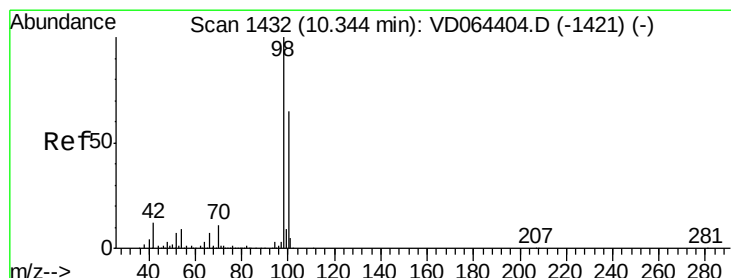
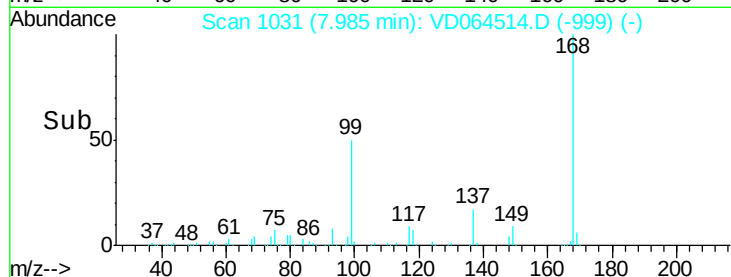
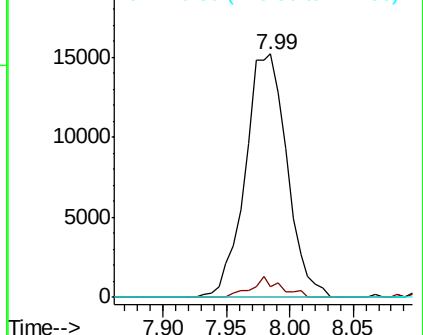
#38
Carbon Tetrachloride
Concen: 5.966 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064514.D
Acq: 13 Dec 2019 18:46

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tgt Ion:117 Resp: 34798
Ion Ratio Lower Upper
117 100
119 4.1 78.8 118.2#
121 0.0 24.2 36.2#

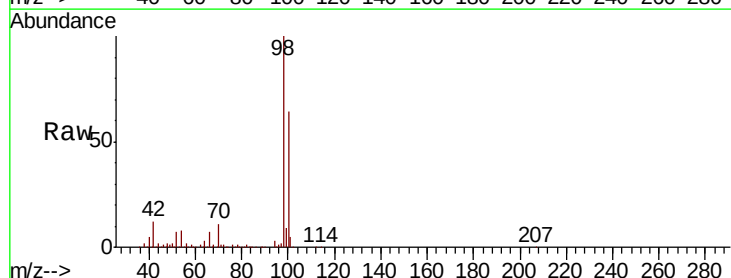


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

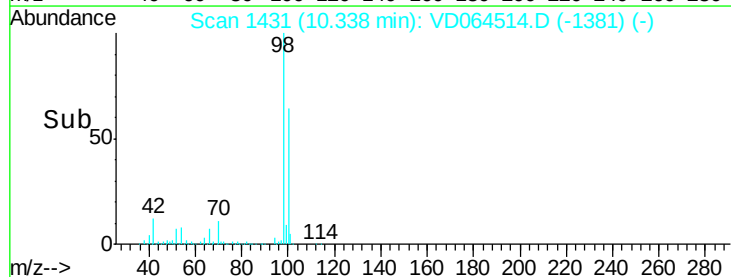
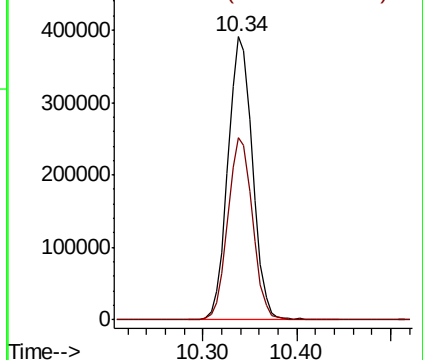


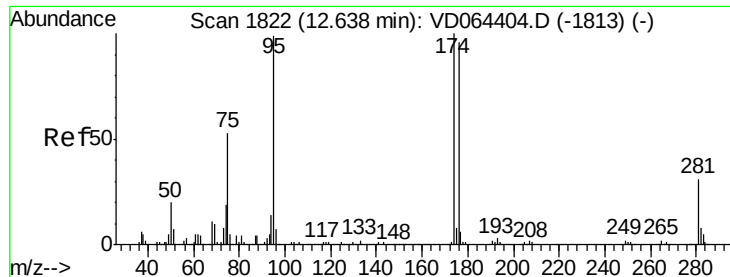
#50
Toluene-d8
Concen: 51.117 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064514.D
Acq: 13 Dec 2019 18:46

Tgt Ion: 98 Resp: 708810
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD

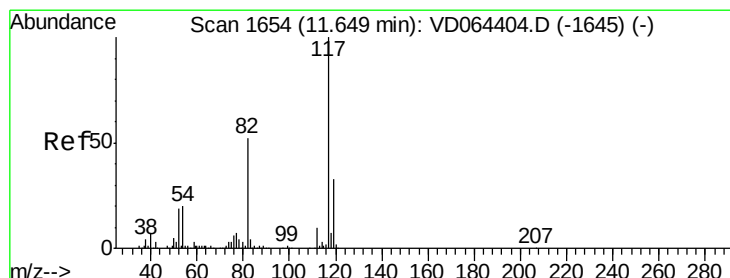
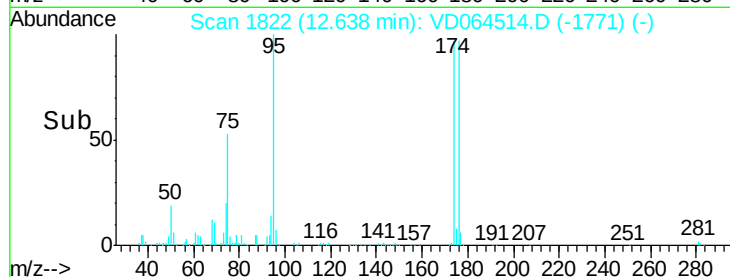
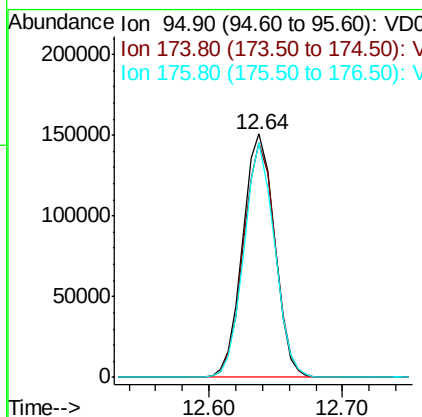
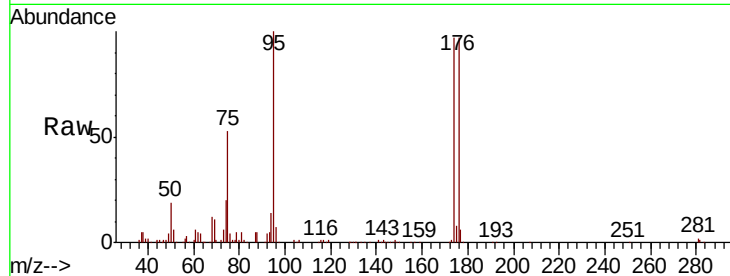




#62
4-Bromofluorobenzene
Concen: 55.950 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064514.D
Acq: 13 Dec 2019 18:46

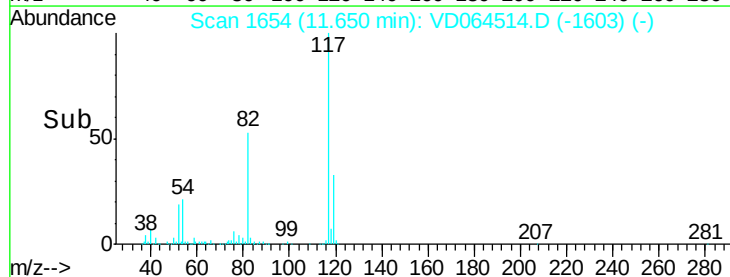
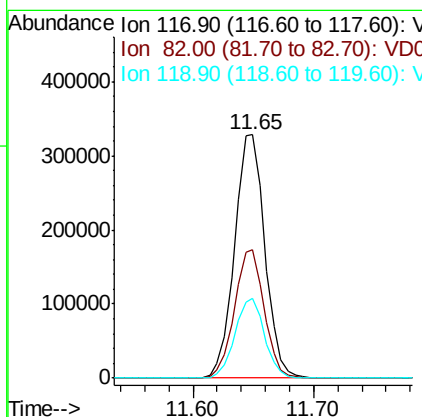
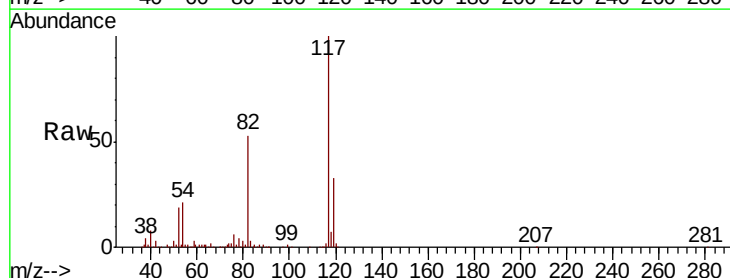
Instrument :
MSVOA_D
ClientSampleId :
TP-2

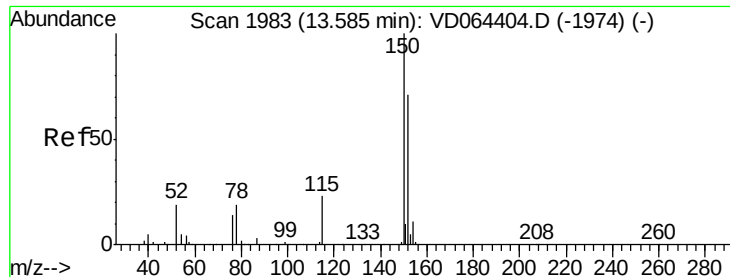
Tgt Ion: 95 Resp: 249328
Ion Ratio Lower Upper
95 100
174 95.6 0.0 197.2
176 92.2 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064514.D
Acq: 13 Dec 2019 18:46

Tgt Ion: 117 Resp: 573807
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.2
119 32.7 26.2 39.2



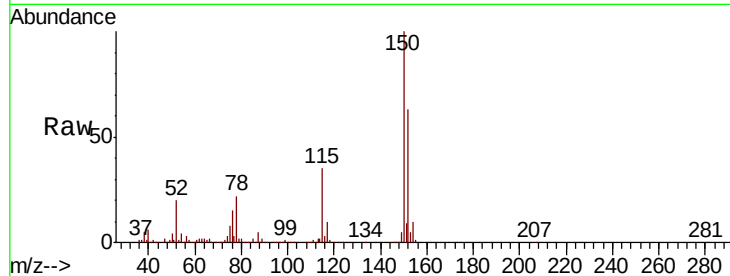


#72

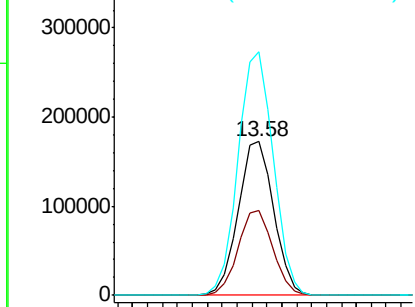
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064514.D
Acq: 13 Dec 2019 18:46

Instrument :
MSVOA_D
ClientSampleId :
TP-2

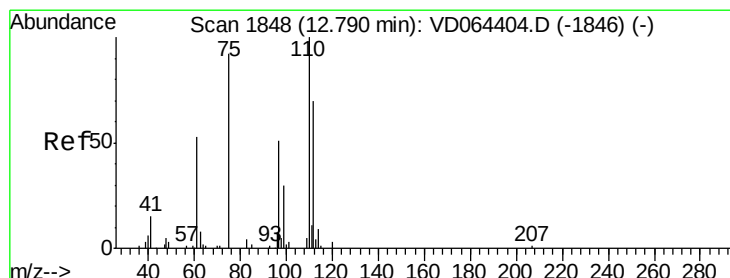
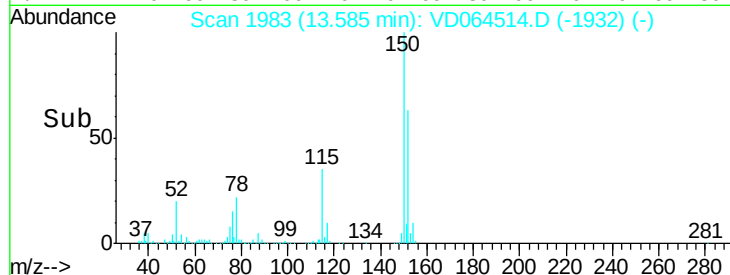
Tgt Ion:152 Resp: 284682
Ion Ratio Lower Upper
152 100
115 54.2 26.7 80.1
150 157.4 0.0 347.2



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



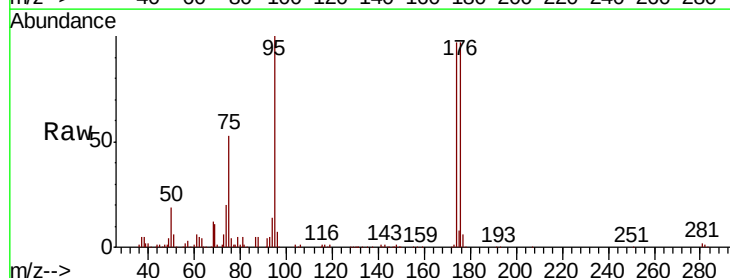
Time--> 13.50 13.55 13.60 13.65



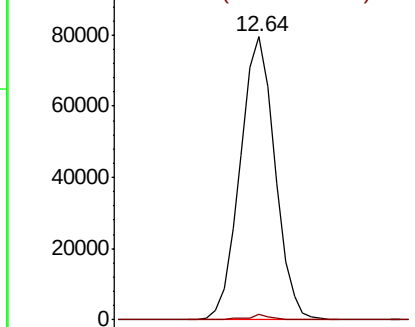
#76

1,2,3-Trichloropropane
Concen: 54.843 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064514.D
Acq: 13 Dec 2019 18:46

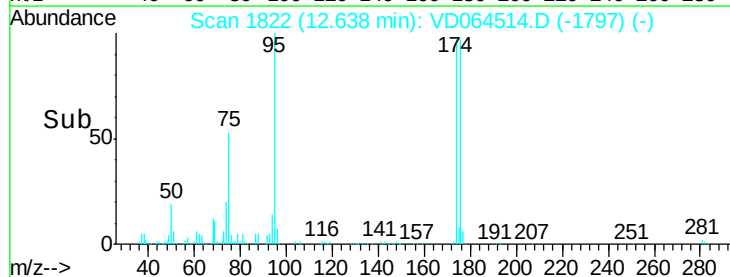
Tgt Ion: 75 Resp: 128395
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

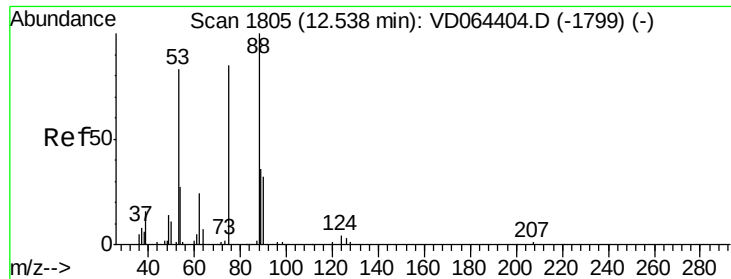


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC



Time--> 12.55 12.60 12.65 12.70

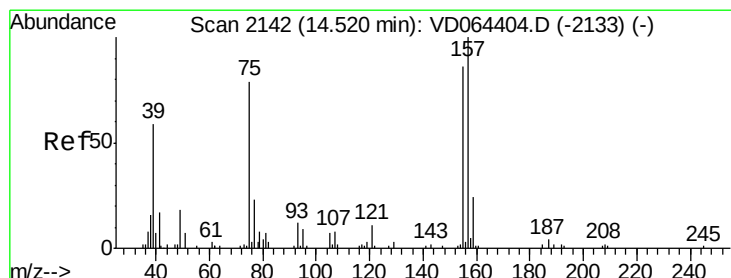
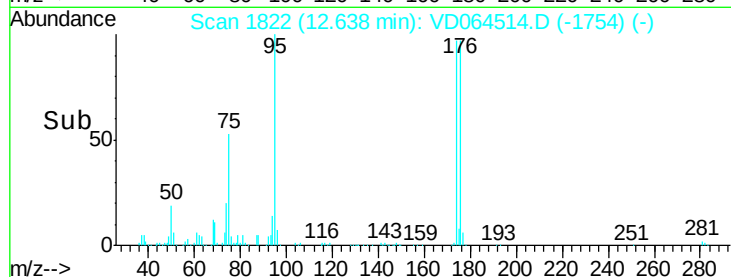
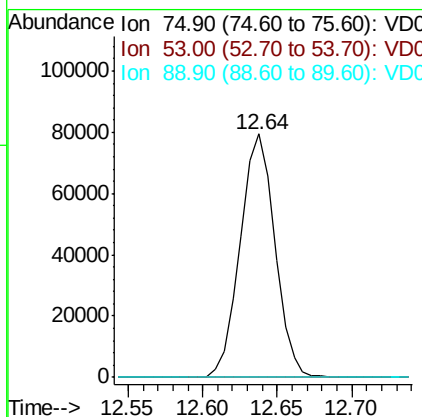
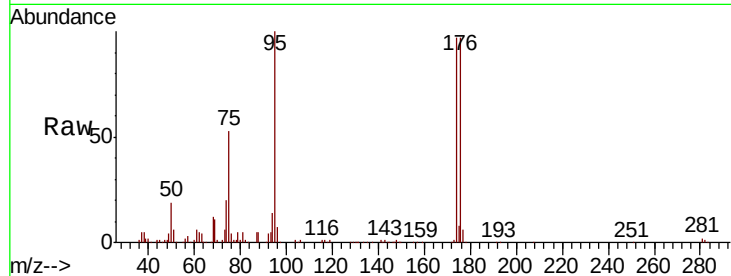




#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.587 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD064514.D
 Acq: 13 Dec 2019 18:46

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tgt Ion: 75 Resp: 128395
 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: 14.24 min Scan# 2095
 Delta R.T. -0.28 min
 Lab File: VD064514.D
 Acq: 13 Dec 2019 18:46

Tgt Ion: 75 Resp: 61
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.9 155.7#
 157 0.0 63.2 189.8#

