

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064298.D
 Acq On : 19 Nov 2019 19:15
 Operator : VA/SY
 Sample : K5927-08
 Misc : 6.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:28:23 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	696780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1024895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	921325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	457703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	323034	56.37	ug/l	0.00
Spiked Amount			Recovery	=	112.74%	
35) Dibromofluoromethane	7.92	113	312284	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
50) Toluene-d8	10.34	98	1193201	53.76	ug/l	0.00
Spiked Amount			Recovery	=	107.52%	
62) 4-Bromofluorobenzene	12.64	95	392578	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	

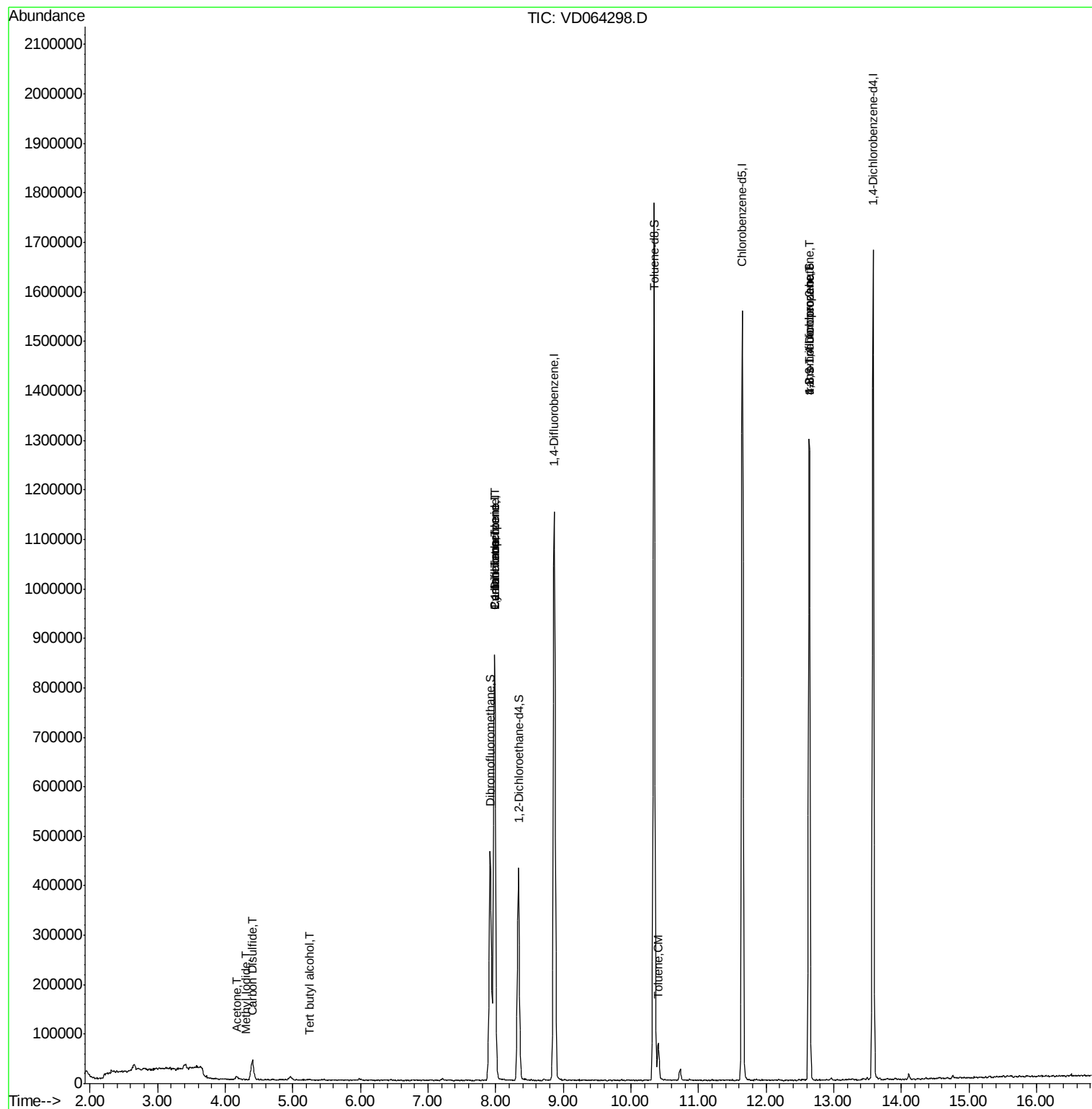
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	189	2.057	ug/l #	41
11) Tert butyl alcohol	5.24	59	434	1.084	ug/l #	30
16) Acetone	4.17	43	11101	8.177	ug/l #	84
17) Carbon Disulfide	4.40	76	84549	4.637	ug/l	99
31) Cyclohexane	7.98	56	14727	1.309	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	47799	5.053	ug/l #	50
38) Carbon Tetrachloride	7.98	117	64120	6.335	ug/l #	16
52) Toluene	10.41	92	29518	1.736	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	208739	56.620	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	208739	112.470	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111919\
Data File : VD064298.D
Acq On : 19 Nov 2019 19:15
Operator : VA/SY
Sample : K5927-08
Misc : 6.42G/5.00ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 20 03:28:23 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: VD064298.D

Acq: 19 Nov 2019 19:15

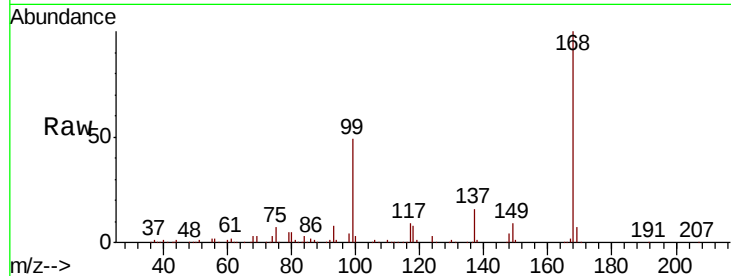
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 696780

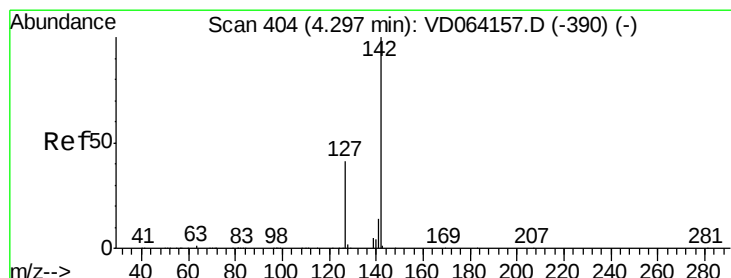
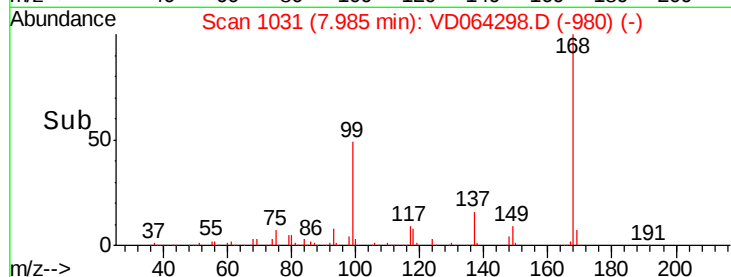
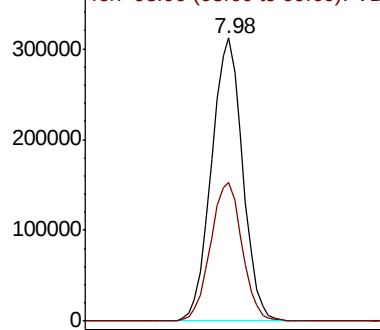
Ion Ratio Lower Upper

168 100

99 49.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 2.057 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD064298.D

Acq: 19 Nov 2019 19:15

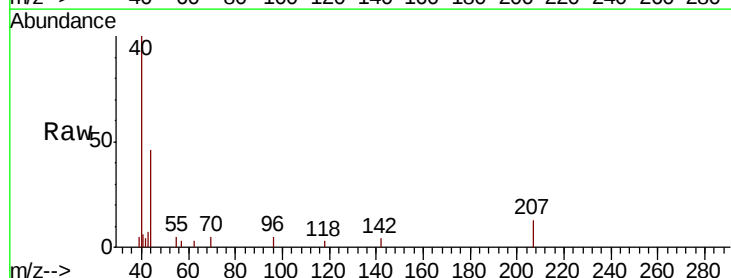
Tgt Ion:142 Resp: 189

Ion Ratio Lower Upper

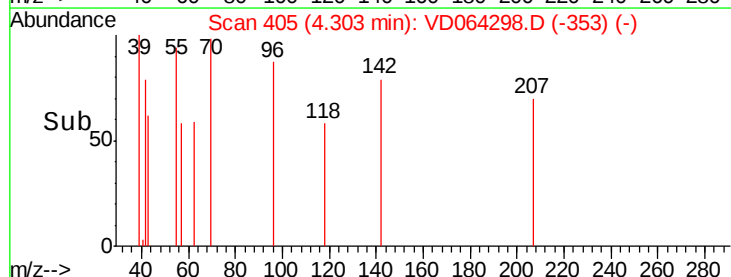
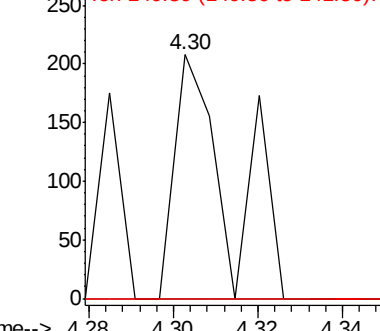
142 100

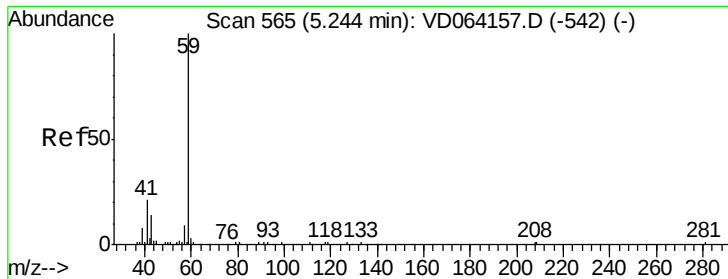
127 0.0 34.4 51.6#

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

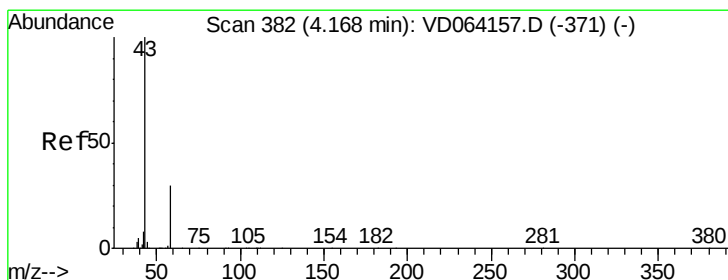
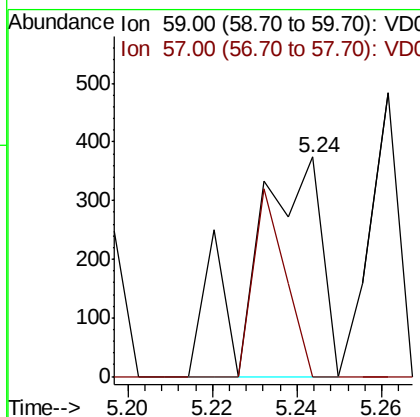
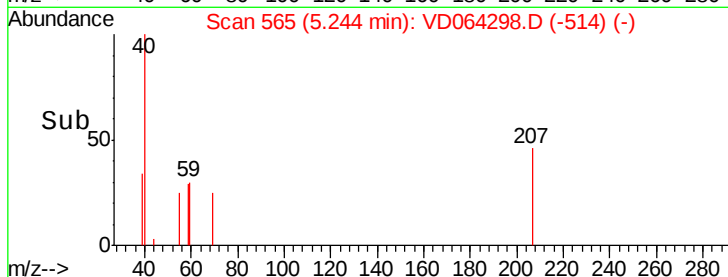
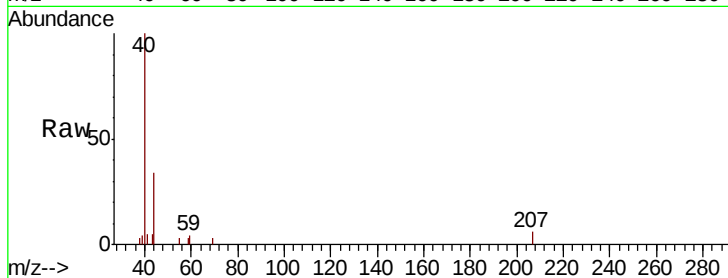




#11
Tert butyl alcohol
Concen: 1.084 ug/l
RT: 5.24 min Scan# 565
Delta R.T. 0.00 min
Lab File: VD064298.D
Acq: 19 Nov 2019 19:15

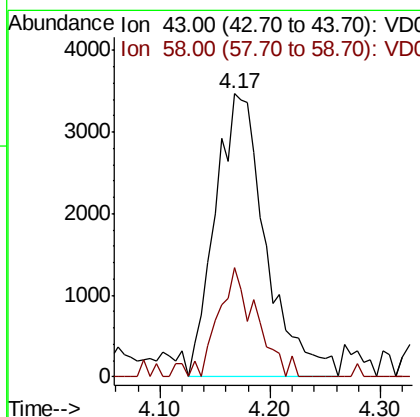
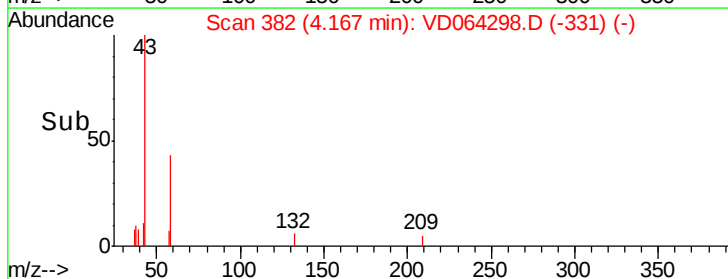
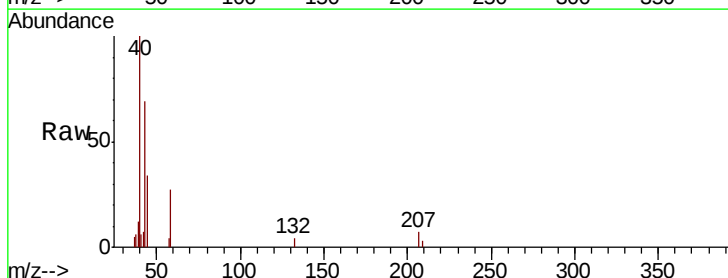
Instrument :
MSVOA_D
ClientSampled :

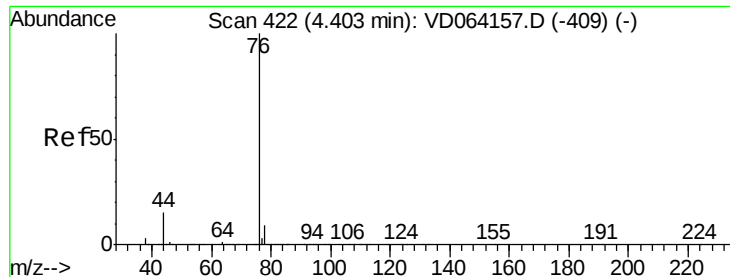
Tot Ion: 59 Resp: 434
Ion Ratio Lower Upper
59 100
57 38.9 9.4 14.2#



#16
Acetone
Concen: 8.177 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064298.D
Acq: 19 Nov 2019 19:15

Tgt Ion: 43 Resp: 11101
Ion Ratio Lower Upper
43 100
58 38.7 24.1 36.1#

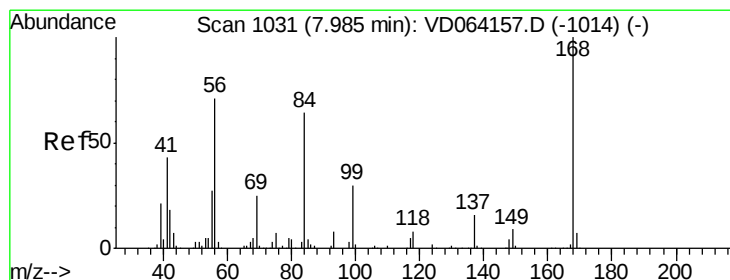
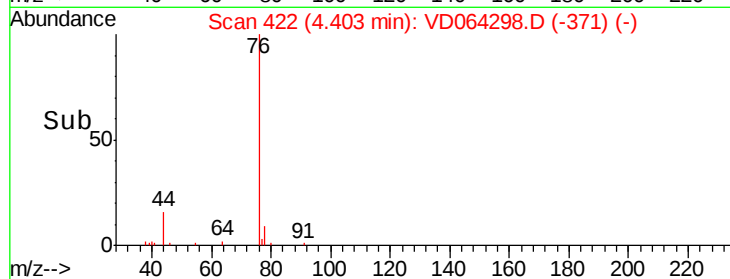
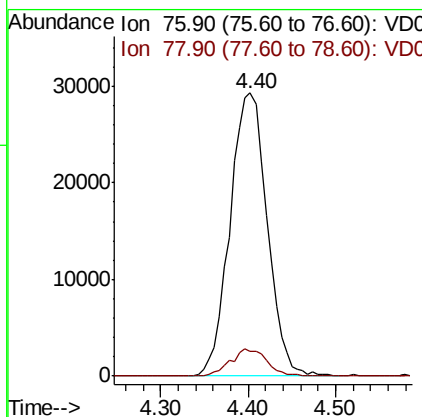
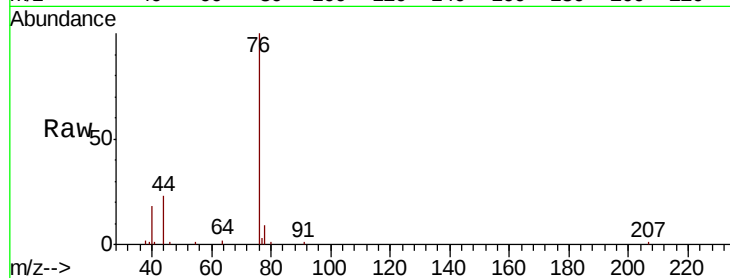




#17
Carbon Disulfide
Concen: 4.637 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD064298.D
Acq: 19 Nov 2019 19:15

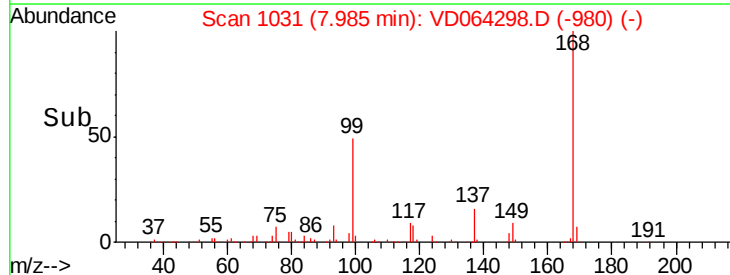
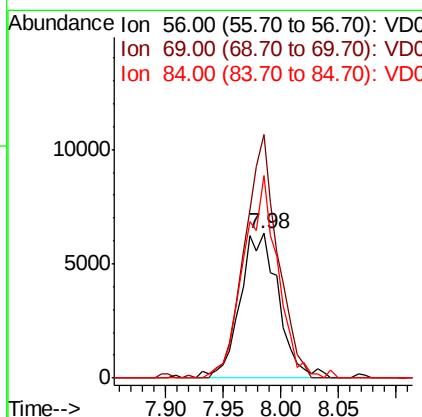
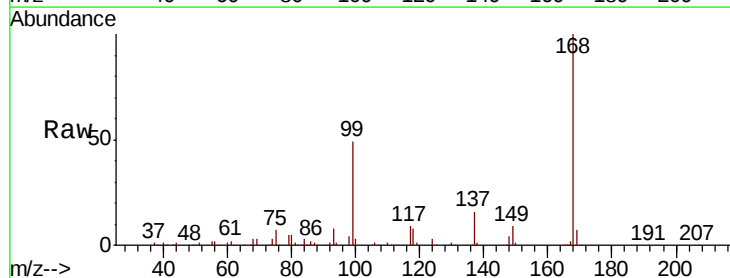
Instrument :
MSVOA_D
ClientSampleId :

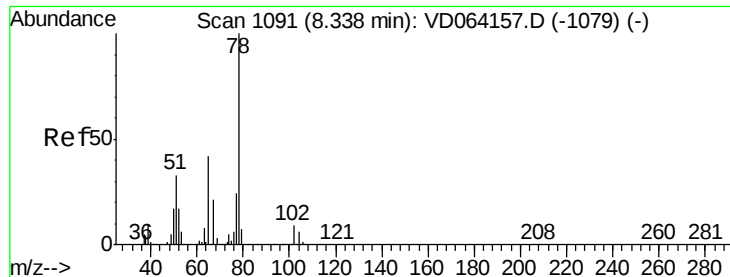
Tot Ion: 76 Resp: 84549
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064298.D
Acq: 19 Nov 2019 19:15

Tgt Ion: 56 Resp: 14727
Ion Ratio Lower Upper
56 100
69 168.1 28.2 42.4#
84 140.3 71.8 107.6#

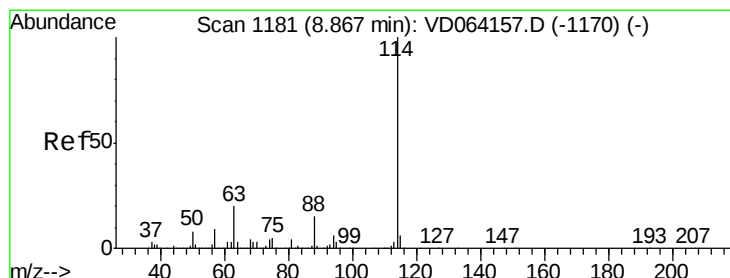
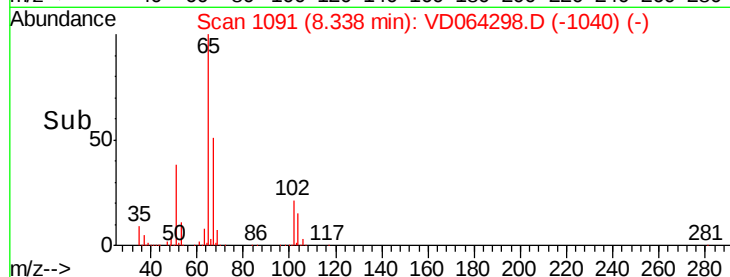
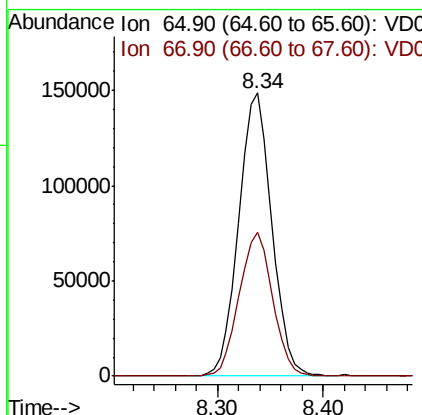
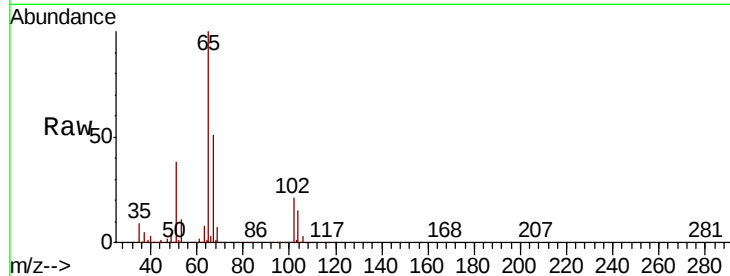




#33
 1,2-Dichloroethane-d4
 Concen: 56.370 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064298.D
 Acq: 19 Nov 2019 19:15

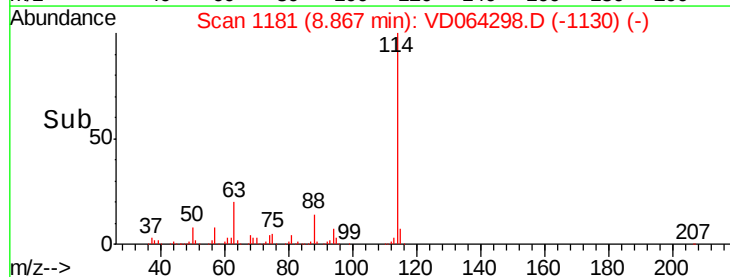
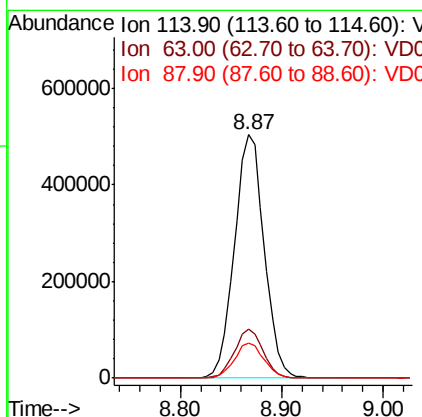
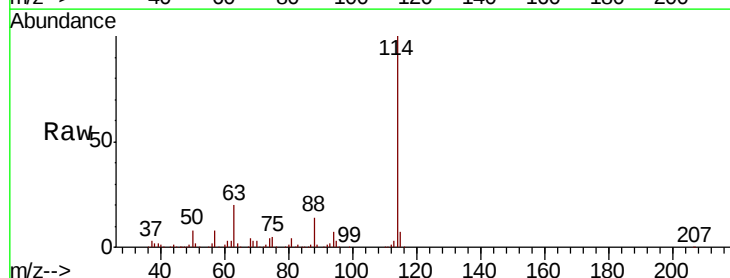
Instrument :
 MSVOA_D
 ClientSampleId :

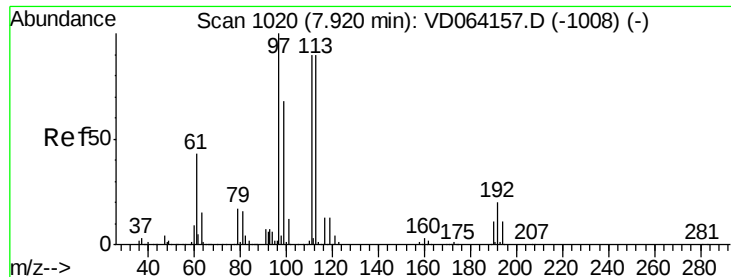
Tot Ion: 65 Resp: 323034
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064298.D
 Acq: 19 Nov 2019 19:15

Tgt Ion: 114 Resp: 1024895
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 14.4 0.0 30.2

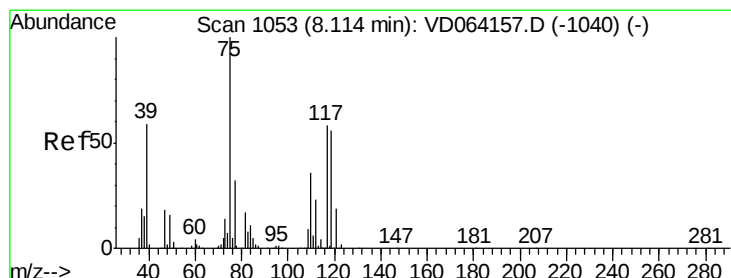
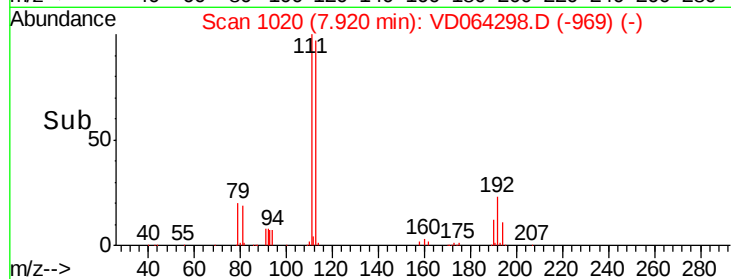
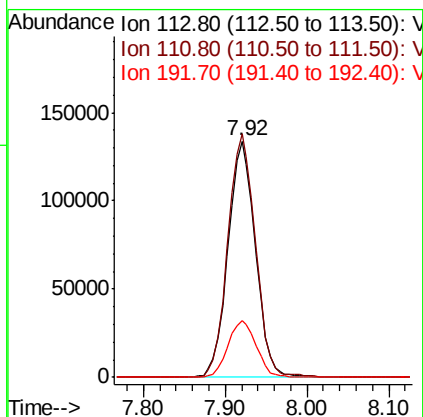
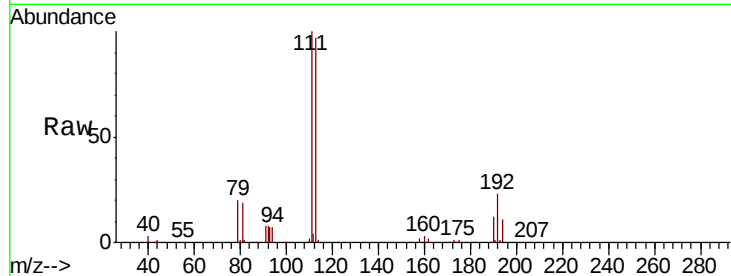




#35
 Dibromofluoromethane
 Concen: 53.082 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064298.D
 Acq: 19 Nov 2019 19:15

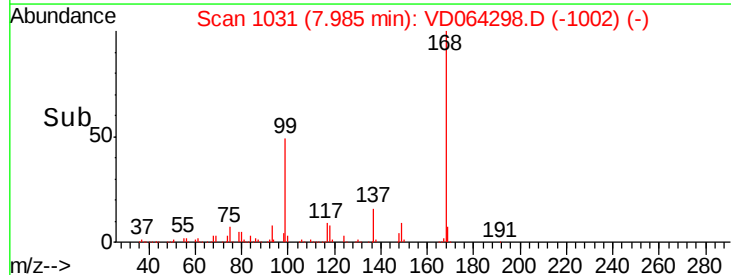
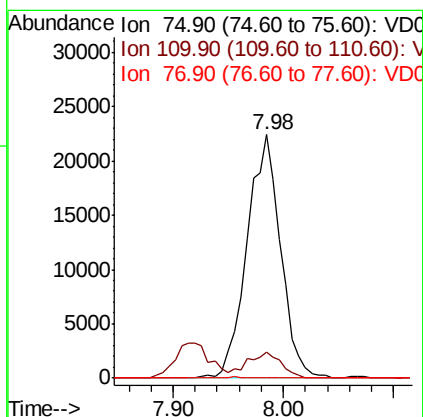
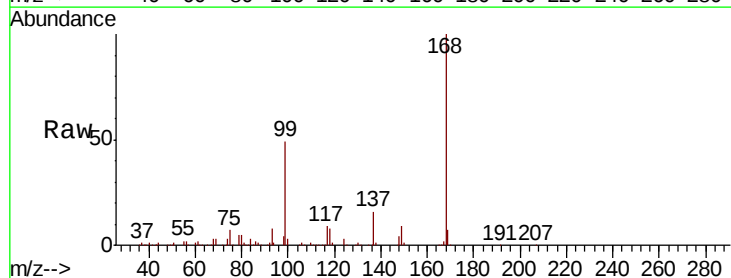
Instrument :
 MSVOA_D
 ClientSampleId :

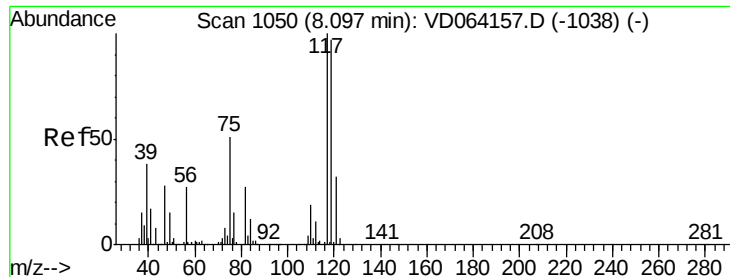
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.5	122.3
192	24.7	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.053 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064298.D
 Acq: 19 Nov 2019 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.3	54.9#
77	0.0	25.0	37.6#

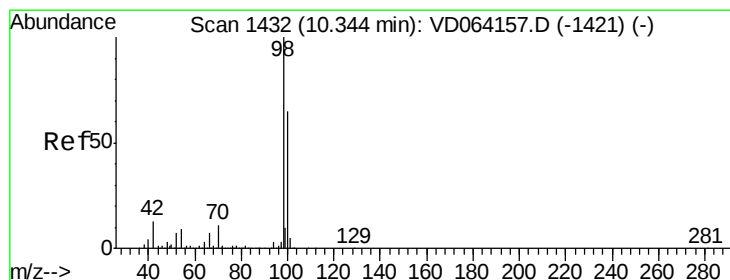
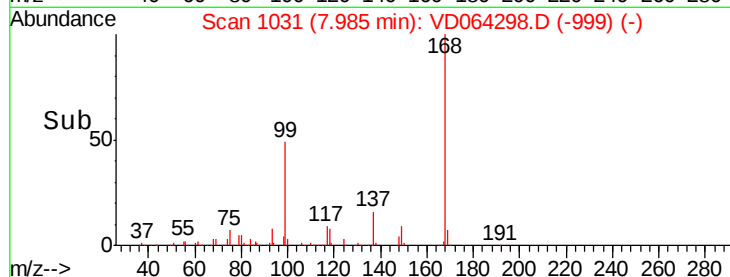
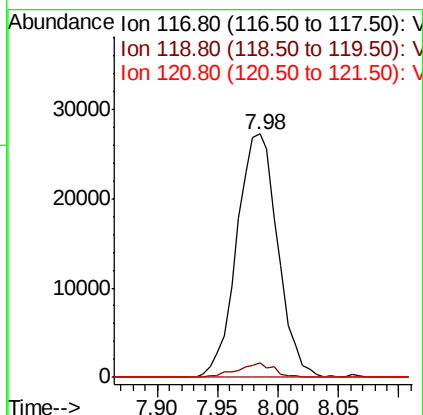
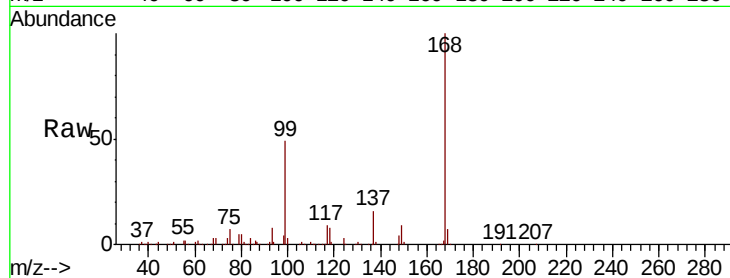




#38
Carbon Tetrachloride
Concen: 6.335 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064298.D
Acq: 19 Nov 2019 19:15

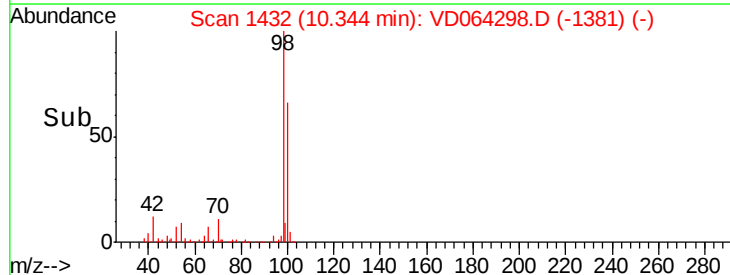
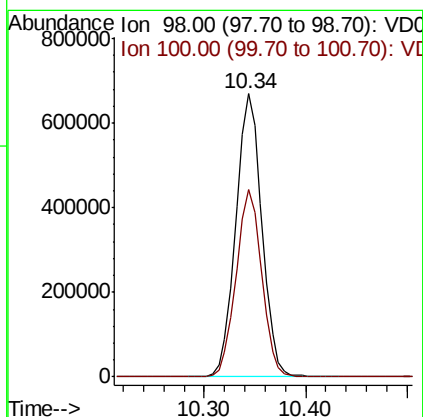
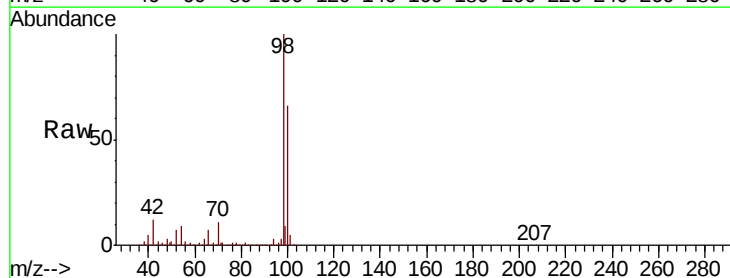
Instrument :
MSVOA_D
ClientSampleId :

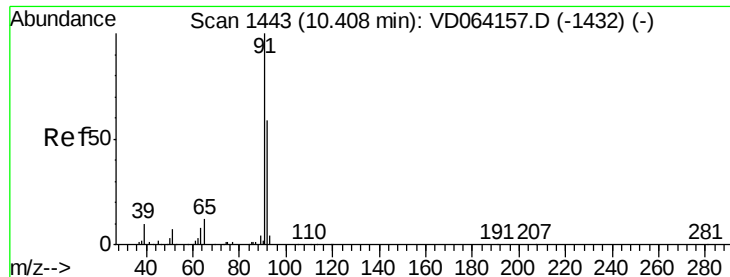
Tot Ion:117 Resp: 64120
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 53.764 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064298.D
Acq: 19 Nov 2019 19:15

Tgt Ion: 98 Resp: 1193201
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#52

Toluene

Concen: 1.736 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064298.D

Acq: 19 Nov 2019 19:15

Instrument :

MSVOA_D

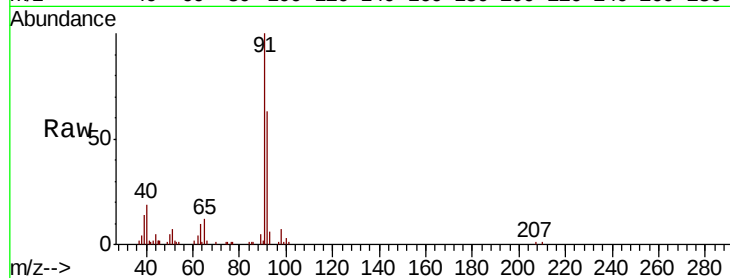
ClientSampleId :

Tot Ion: 92 Resp: 29518

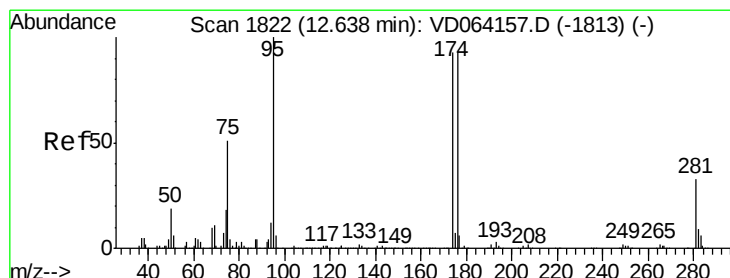
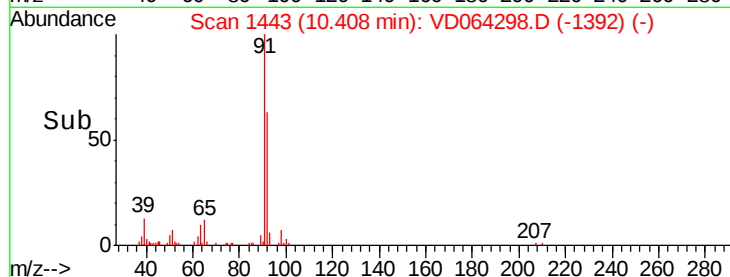
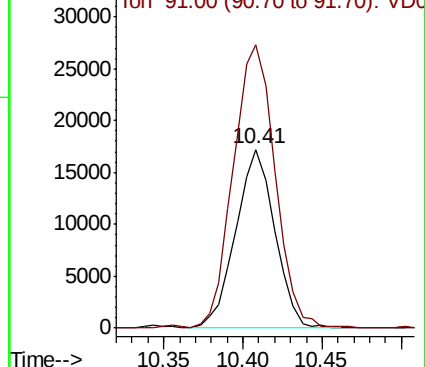
Ion Ratio Lower Upper

92 100

91 169.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.079 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064298.D

Acq: 19 Nov 2019 19:15

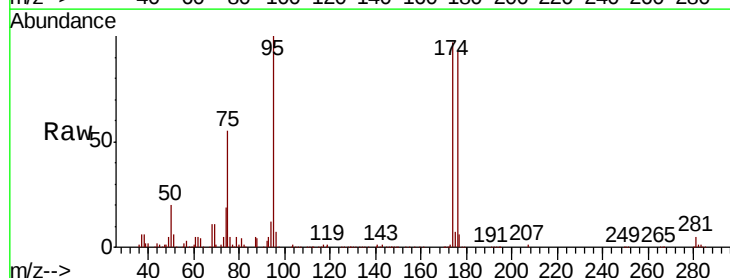
Tgt Ion: 95 Resp: 392578

Ion Ratio Lower Upper

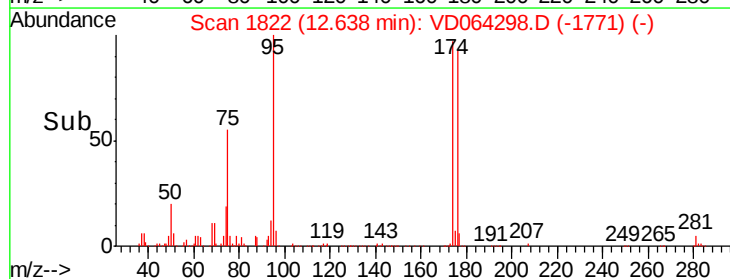
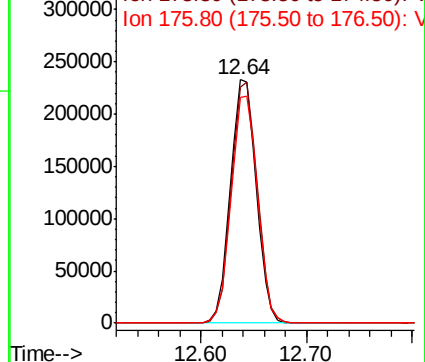
95 100

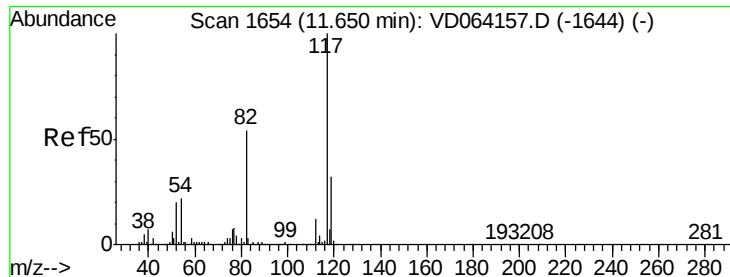
174 99.2 0.0 183.6

176 94.8 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

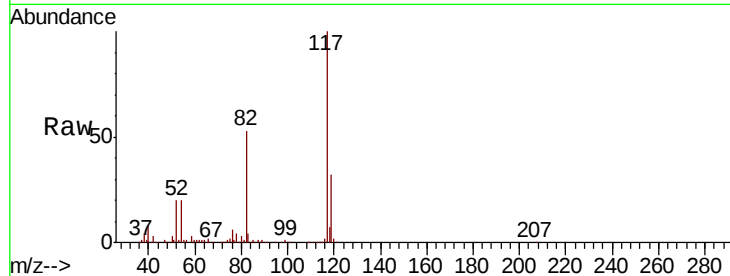




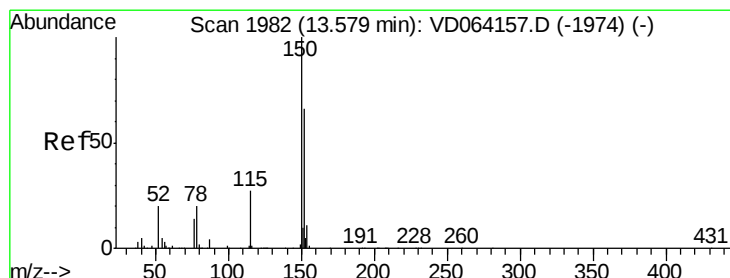
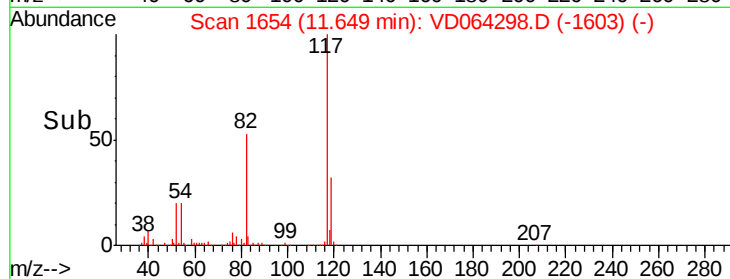
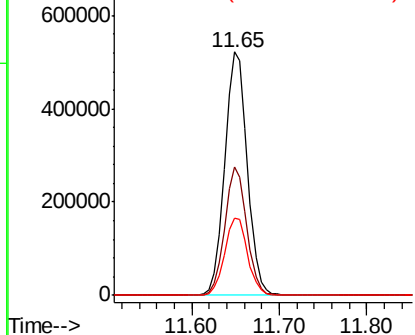
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064298.D
Acq: 19 Nov 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.8	64.2
119	31.7	25.6	38.4

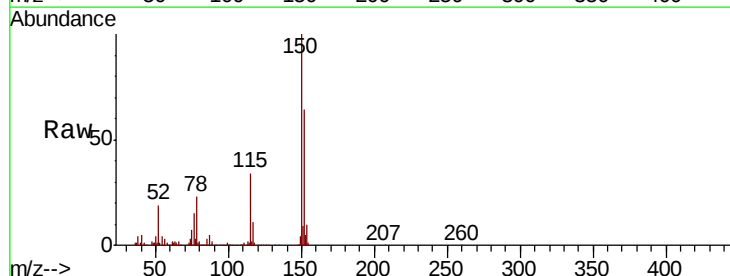


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

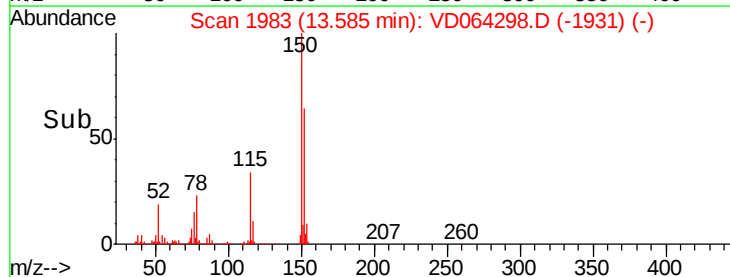
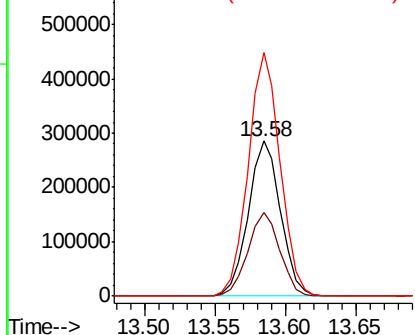


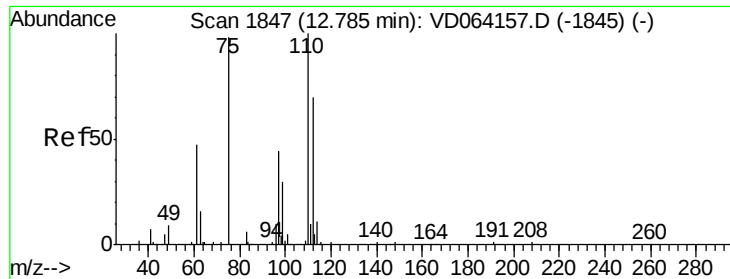
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064298.D
Acq: 19 Nov 2019 19:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.4	82.2
150	155.2	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

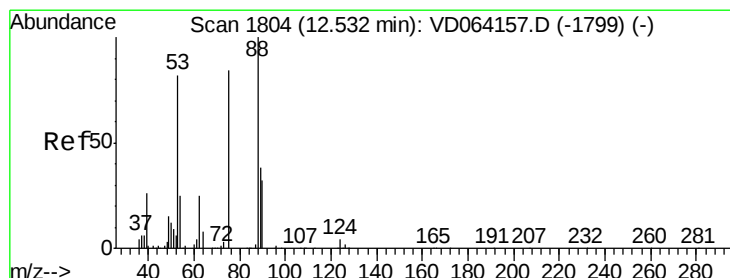
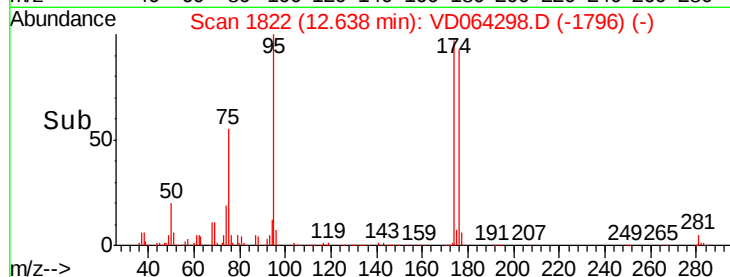
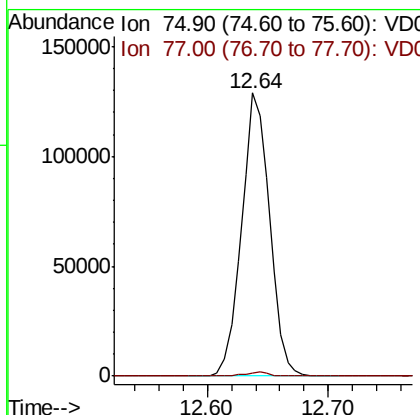
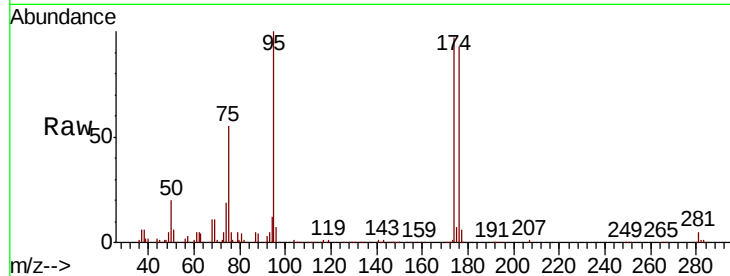




#76
 1,2,3-Trichloropropane
 Concen: 56.620 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064298.D
 Acq: 19 Nov 2019 19:15

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 208739
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.470 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064298.D
 Acq: 19 Nov 2019 19:15

Tgt Ion: 75 Resp: 208739
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.4 119.0#
 89 0.0 36.6 55.0#

