

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064300.D
 Acq On : 19 Nov 2019 20:12
 Operator : VA/SY
 Sample : K5927-10
 Misc : 7.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:28:44 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

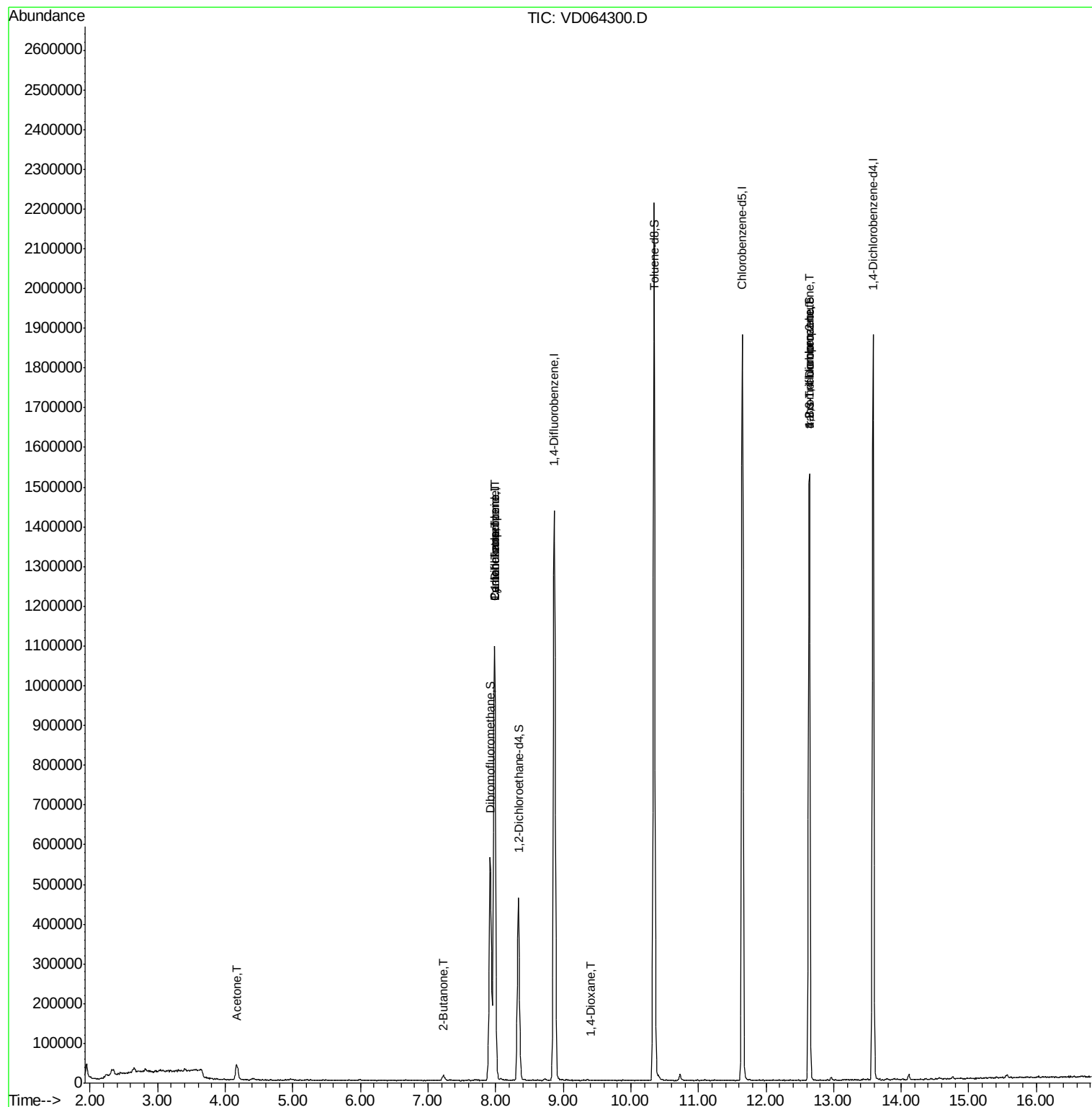
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	903140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1285426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1111965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	523524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	365258	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	7.92	113	383530	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
50) Toluene-d8	10.34	98	1489642	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
62) 4-Bromofluorobenzene	12.64	95	472152	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
Target Compounds						
16) Acetone	4.17	43	68352	38.844	ug/l	99
25) 2-Butanone	7.23	43	13706	6.029	ug/l	94
31) Cyclohexane	7.98	56	17754	1.218	ug/l #	20
36) 1,1-Dichloropropene	7.98	75	59834	5.044	ug/l #	50
38) Carbon Tetrachloride	7.98	117	80569	6.347	ug/l #	15
49) 1,4-Dioxane	9.40	88	61	1.202	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	241997	57.388	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	241997	113.996	ug/l #	10

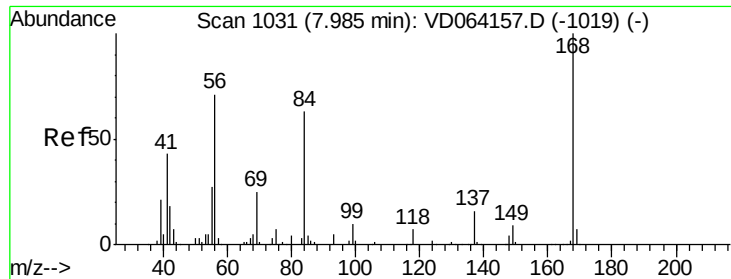
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111919\
Data File : VD064300.D
Acq On : 19 Nov 2019 20:12
Operator : VA/SY
Sample : K5927-10
Misc : 7.40G/5.00ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 20 03:28:44 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: VD064300.D

Acq: 19 Nov 2019 20:12

Instrument :

MSVOA_D

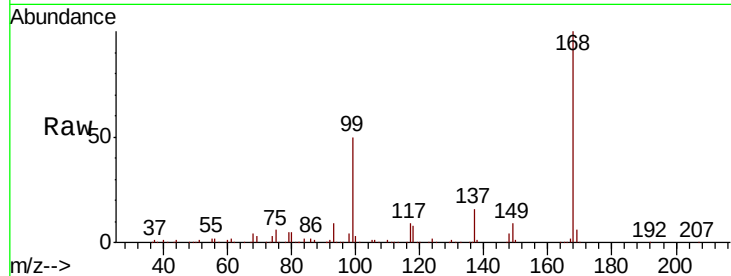
ClientSampleId :

Tot Ion:168 Resp: 903140

Ion Ratio Lower Upper

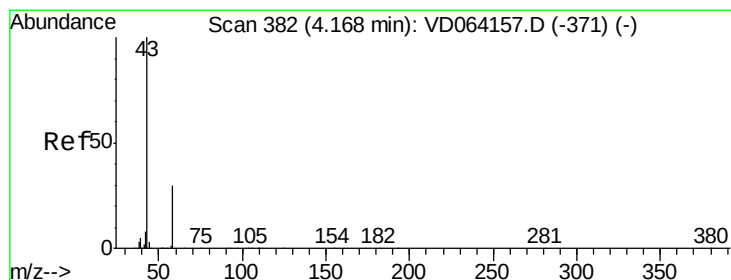
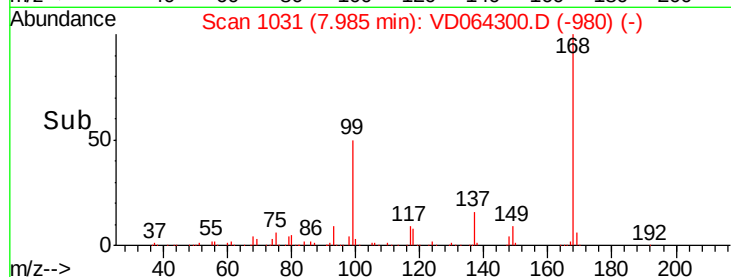
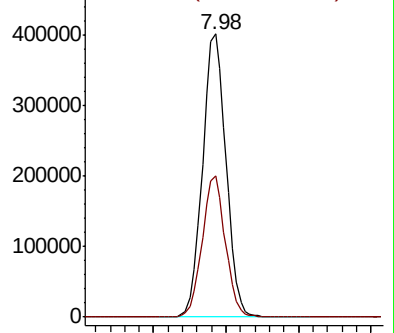
168 100

99 49.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 38.844 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064300.D

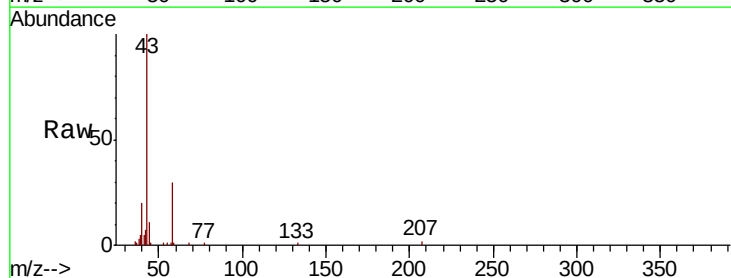
Acq: 19 Nov 2019 20:12

Tgt Ion: 43 Resp: 68352

Ion Ratio Lower Upper

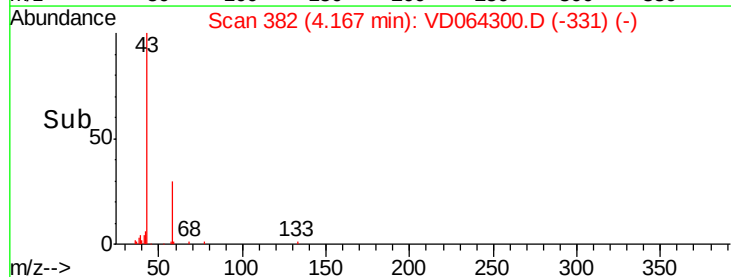
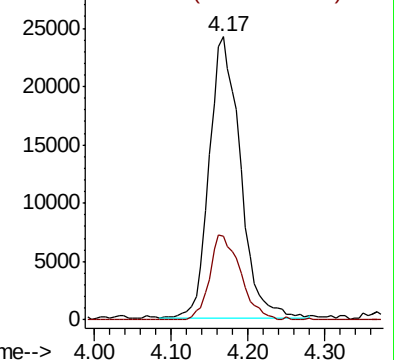
43 100

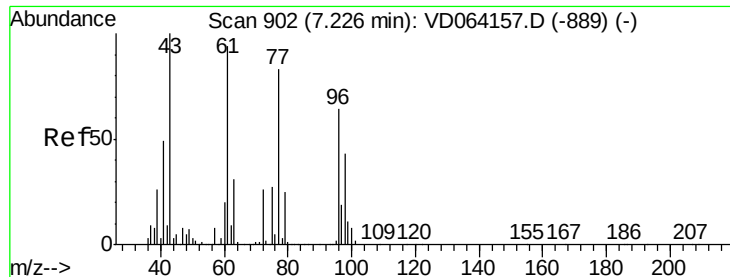
58 29.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

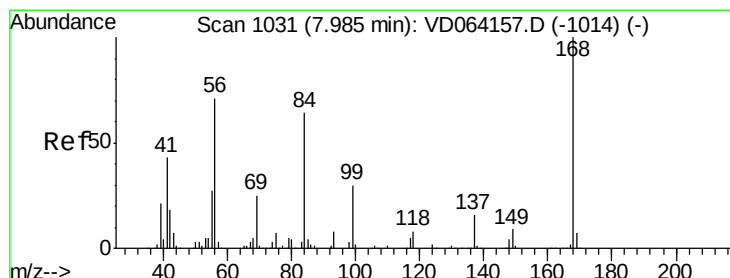
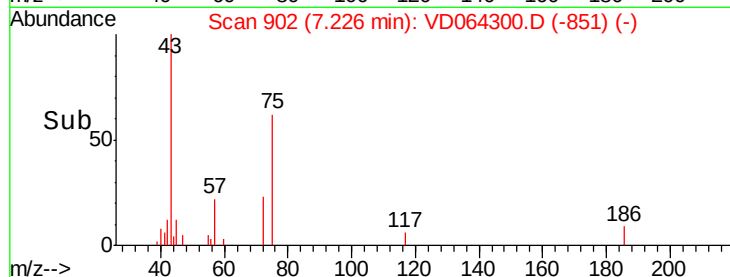
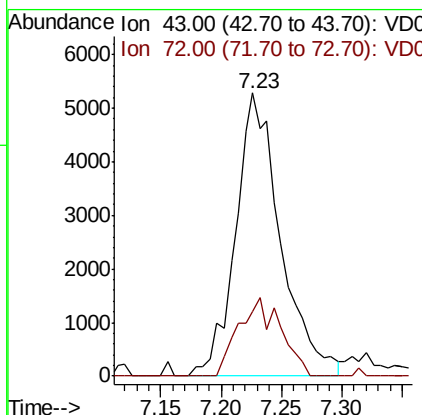
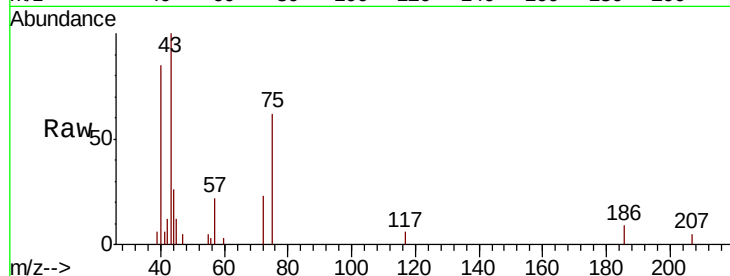




#25
2-Butanone
Concen: 6.029 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD064300.D
Acq: 19 Nov 2019 20:12

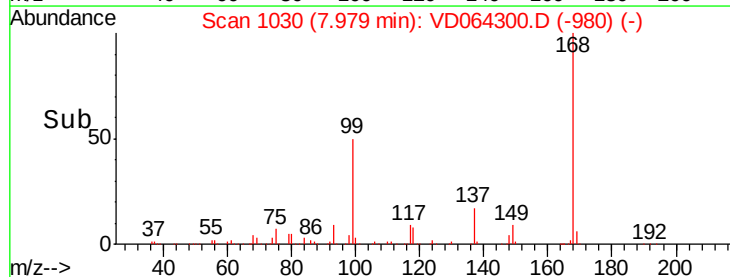
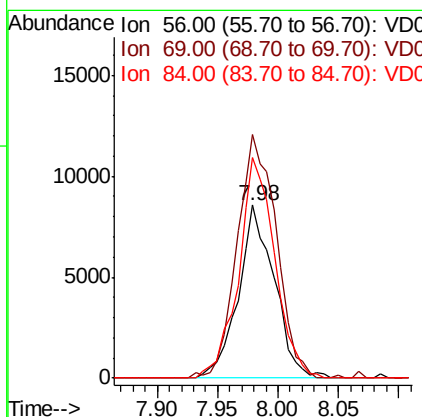
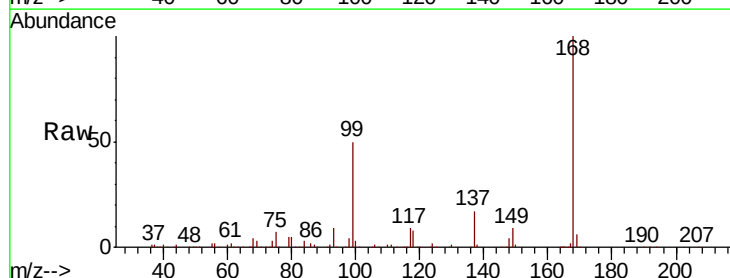
Instrument :
MSVOA_D
ClientSampleId :

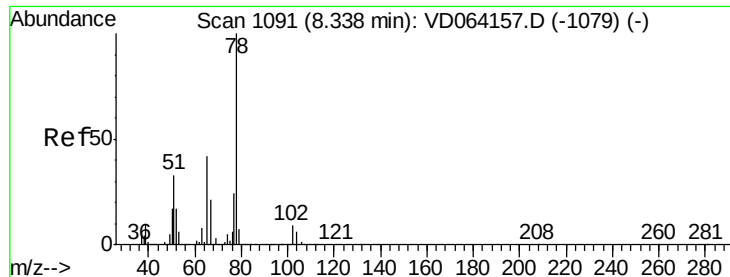
Tot Ion: 43 Resp: 13706
Ion Ratio Lower Upper
43 100
72 22.6 20.6 30.8



#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064300.D
Acq: 19 Nov 2019 20:12

Tgt Ion: 56 Resp: 17754
Ion Ratio Lower Upper
56 100
69 140.8 28.2 42.4#
84 127.9 71.8 107.6#

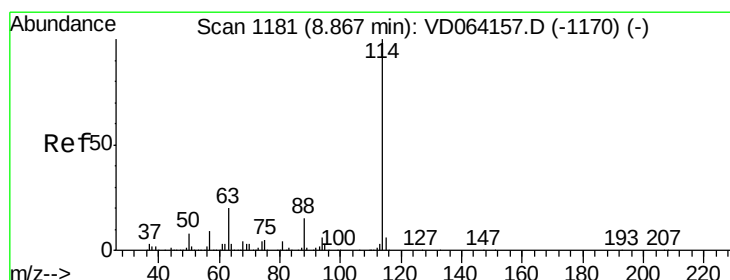
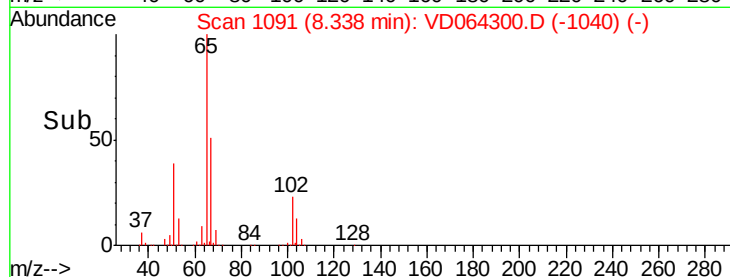
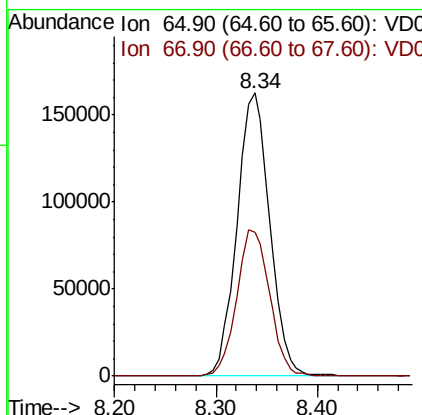
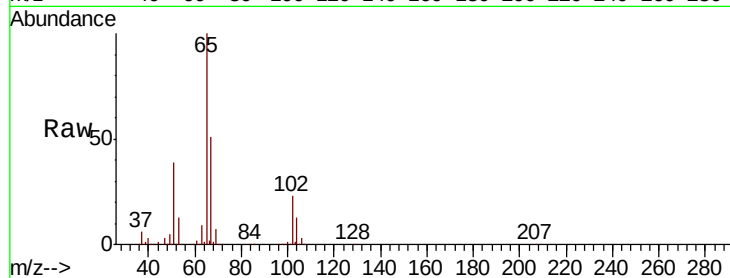




#33
 1,2-Dichloroethane-d4
 Concen: 49.174 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064300.D
 Acq: 19 Nov 2019 20:12

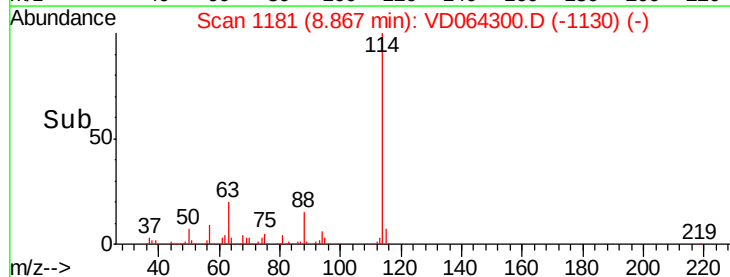
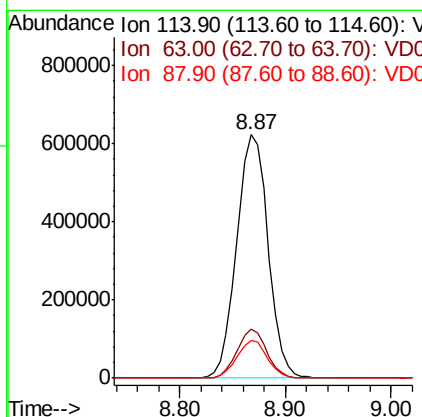
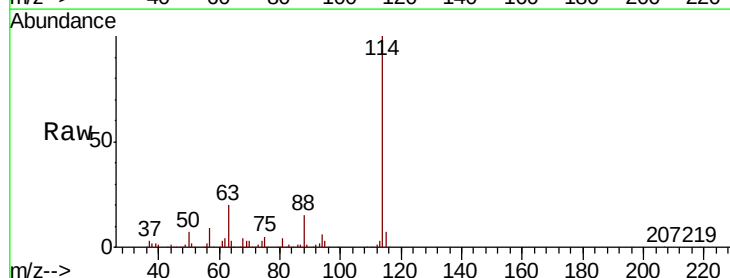
Instrument :
 MSVOA_D
 ClientSampleId :

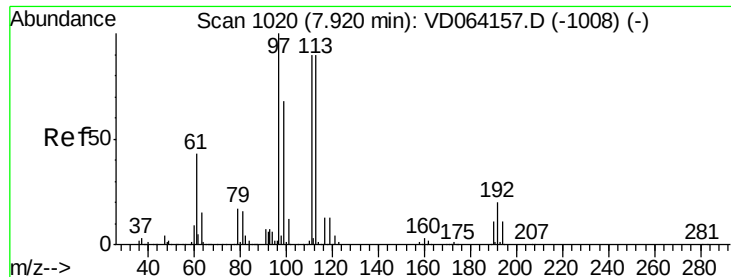
Tot Ion: 65 Resp: 365258
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064300.D
 Acq: 19 Nov 2019 20:12

Tgt Ion: 114 Resp: 1285426
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.2 0.0 30.2

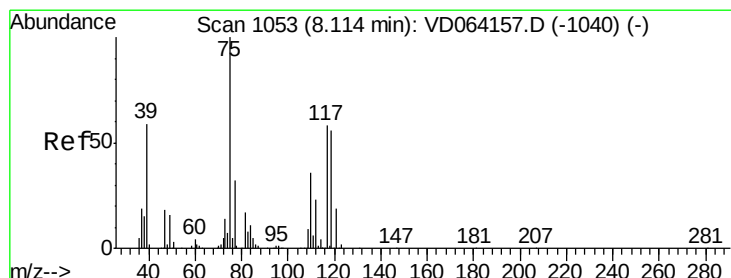
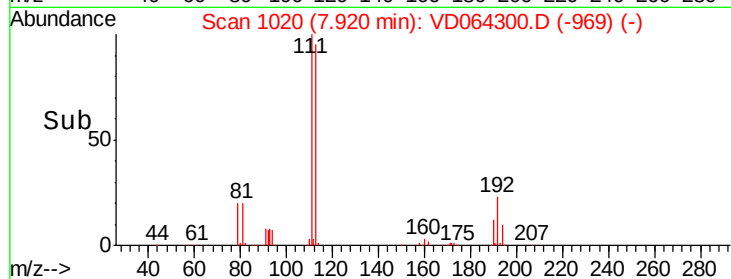
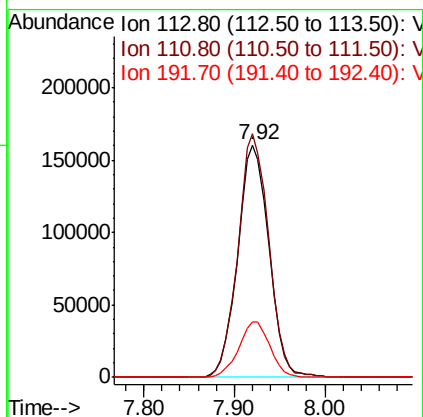
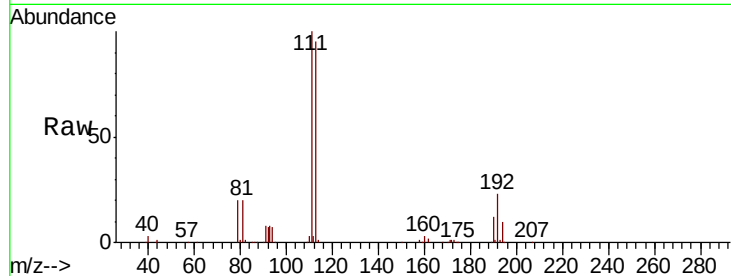




#35
 Dibromofluoromethane
 Concen: 51.979 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064300.D
 Acq: 19 Nov 2019 20:12

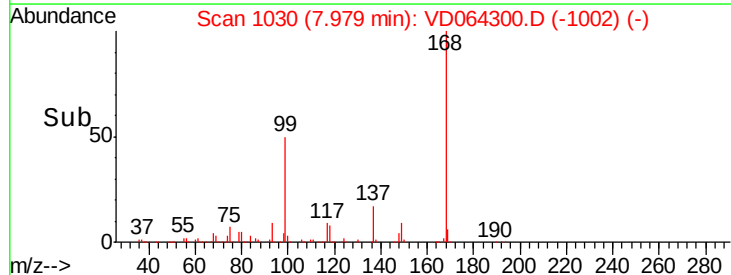
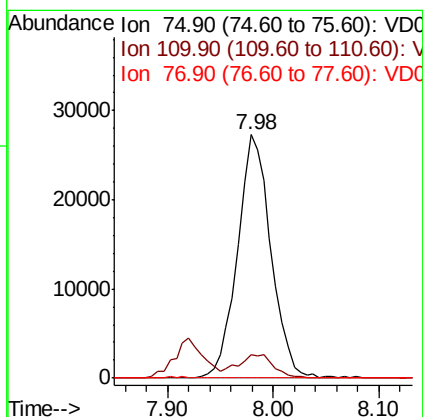
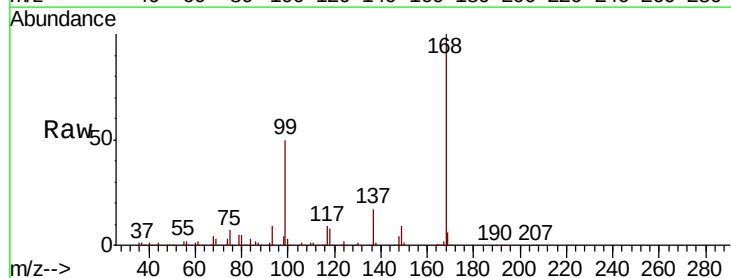
Instrument :
 MSVOA_D
 ClientSampled :

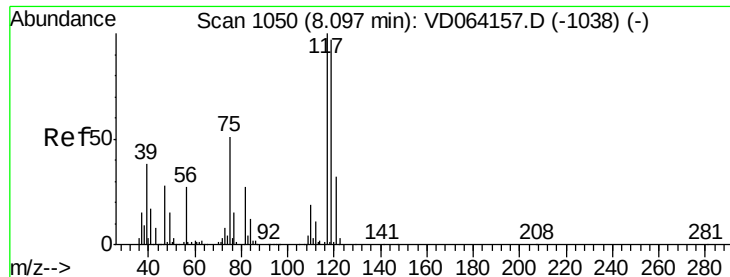
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	24.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.044 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064300.D
 Acq: 19 Nov 2019 20:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.3	54.9#
77	0.0	25.0	37.6#

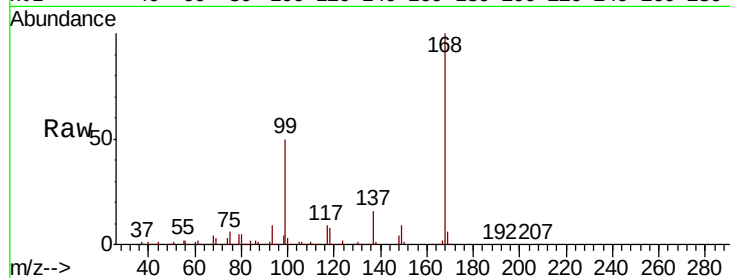




#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064300.D
Acq: 19 Nov 2019 20:12

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.2	115.8#
121	0.0	25.5	38.3#

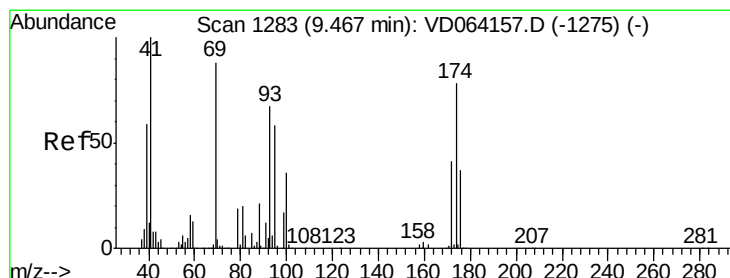
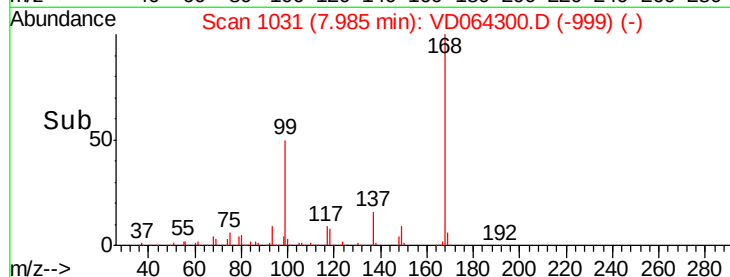
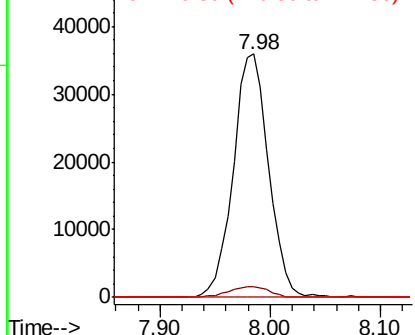


Abundance

Ion 116.80 (116.50 to 117.50): V

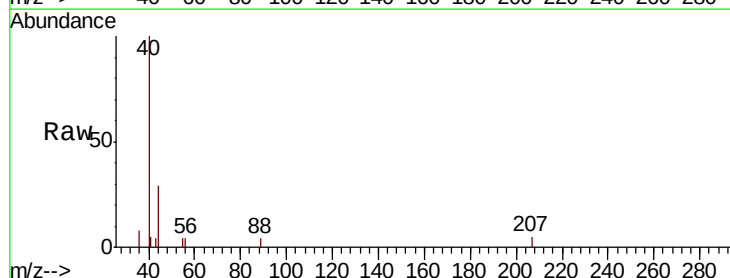
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49
1,4-Dioxane
Concen: 1.202 ug/l
RT: 9.40 min Scan# 1272
Delta R.T. -0.06 min
Lab File: VD064300.D
Acq: 19 Nov 2019 20:12

Tgt Ion	Ratio	Lower	Upper
88	100		
43	447.5	29.8	44.8#
58	0.0	58.1	87.1#

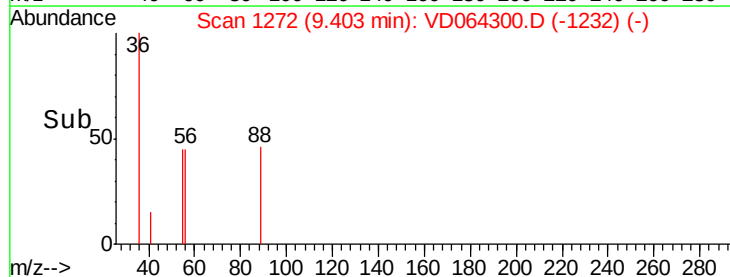
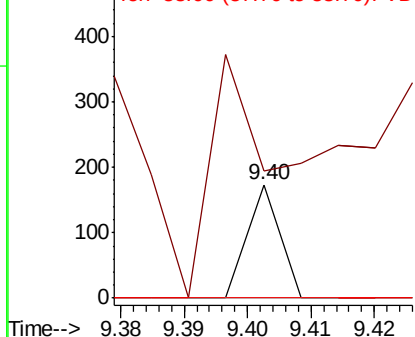


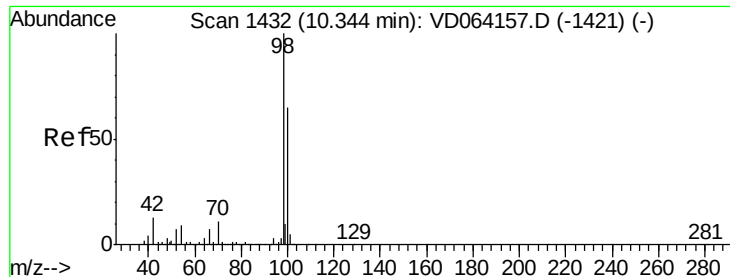
Abundance

Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

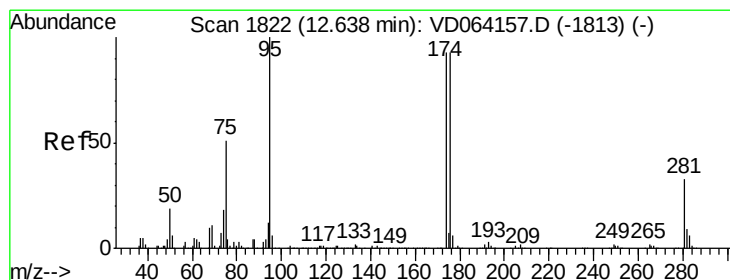
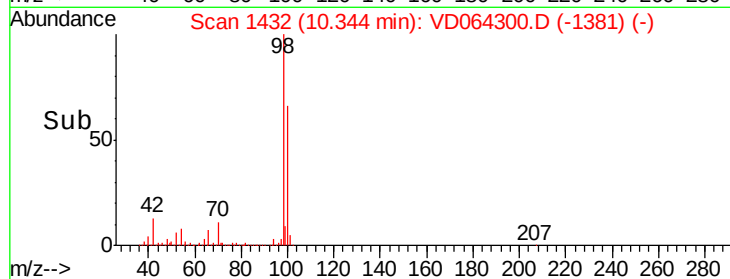
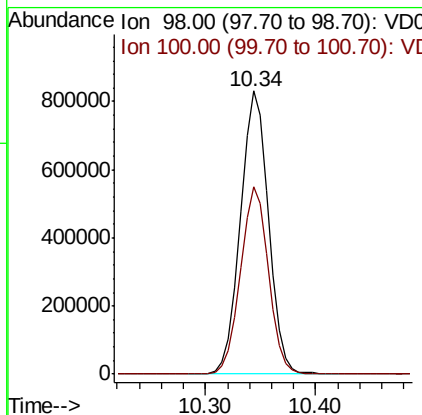
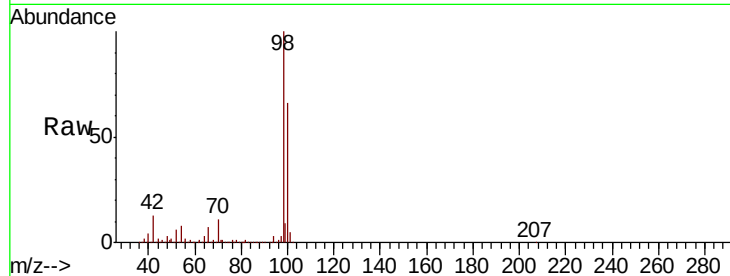




#50
Toluene-d8
Concen: 53.517 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064300.D
Acq: 19 Nov 2019 20:12

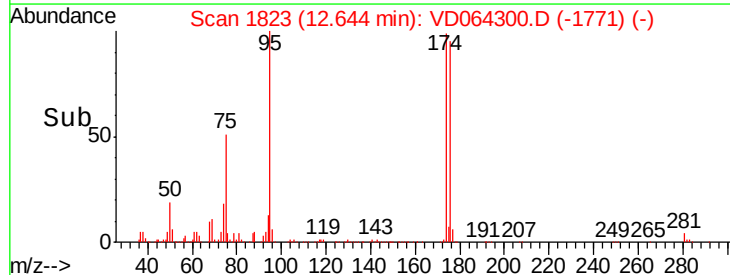
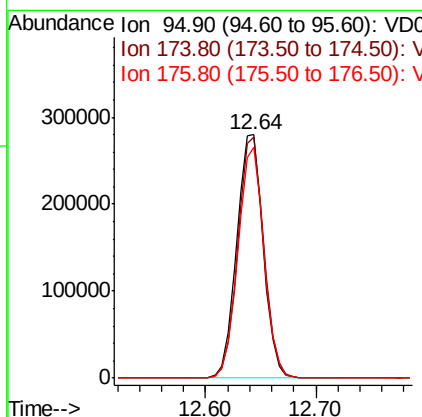
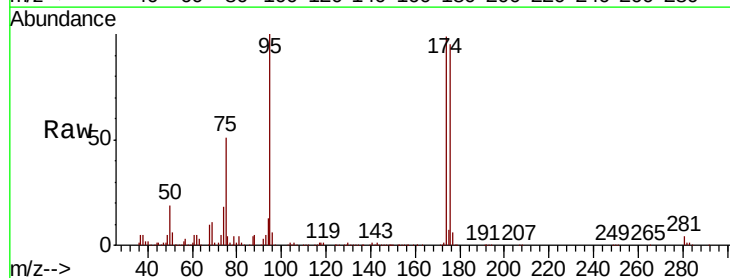
Instrument :
MSVOA_D
ClientSampled :

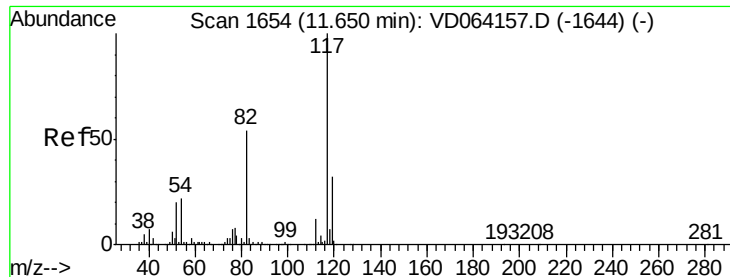
Tot Ion: 98 Resp: 1489642
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.981 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064300.D
Acq: 19 Nov 2019 20:12

Tgt Ion: 95 Resp: 472152
Ion Ratio Lower Upper
95 100
174 97.3 0.0 183.6
176 92.9 0.0 180.2

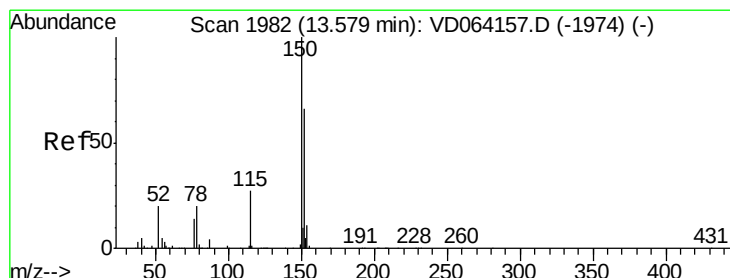
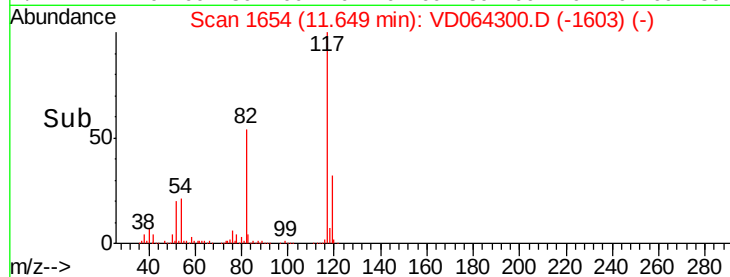
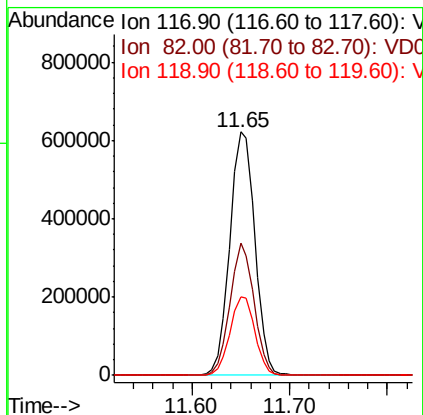
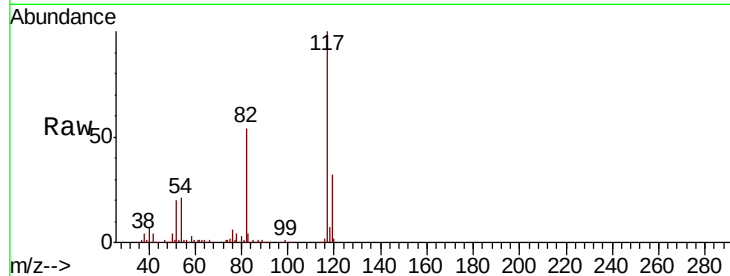




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064300.D
Acq: 19 Nov 2019 20:12

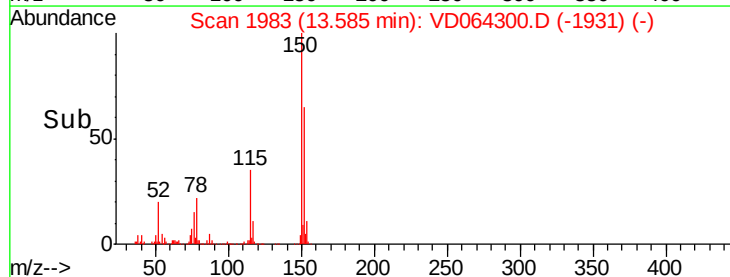
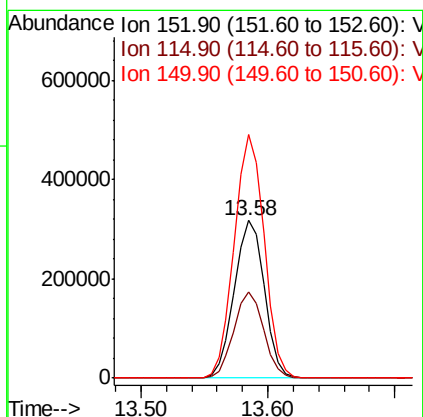
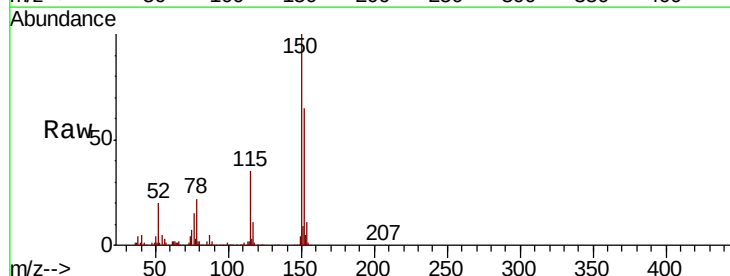
Instrument :
MSVOA_D
ClientSampleId :

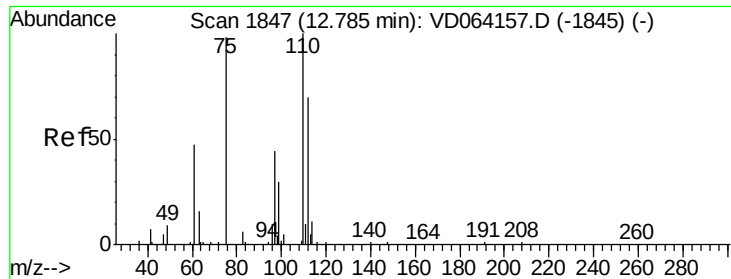
Tot Ion:117 Resp: 1111965
Ion Ratio Lower Upper
117 100
82 54.2 42.8 64.2
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064300.D
Acq: 19 Nov 2019 20:12

Tgt Ion:152 Resp: 523524
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.2
150 153.3 0.0 351.6





#76

1,2,3-Trichloropropane

Concen: 57.388 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.14 min

Lab File: VD064300.D

Acq: 19 Nov 2019 20:12

Instrument :

MSVOA_D

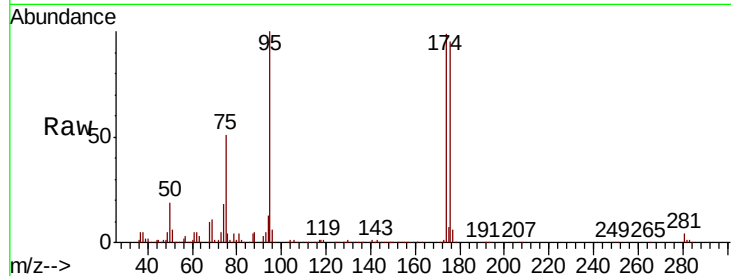
ClientSampleId :

Tot Ion: 75 Resp: 241997

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

12.64

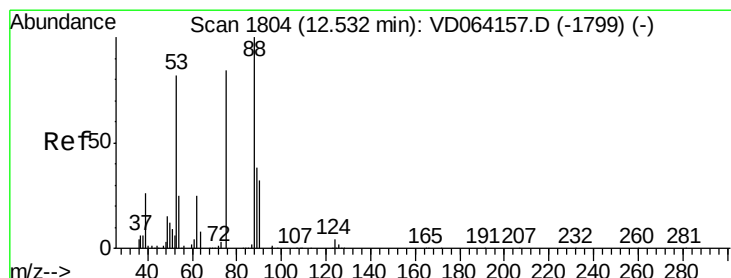
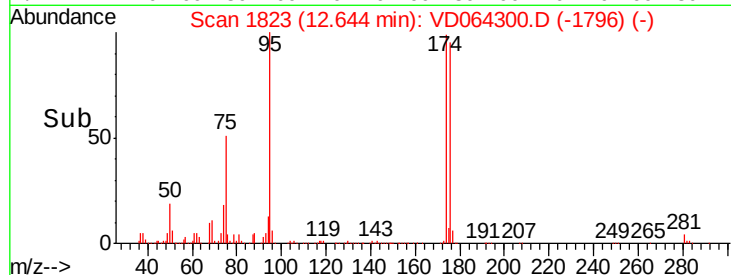
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 113.996 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD064300.D

Acq: 19 Nov 2019 20:12

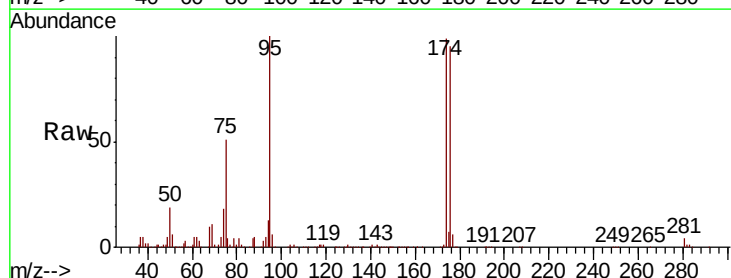
Tgt Ion: 75 Resp: 241997

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#



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

12.64

150000

100000

50000

0

Time-->

