

Data File : VD064226.D
Acq On : 15 Nov 2019 14:38
Operator : VA/SY
Sample : K5864-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-01-7.5-8.0

Quant Time: Nov 16 04:51:32 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	979634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1457836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1307257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	645516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	438929	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	7.92	113	442561	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	10.34	98	1718918	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
62) 4-Bromofluorobenzene	12.64	95	584320	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	

Target Compounds

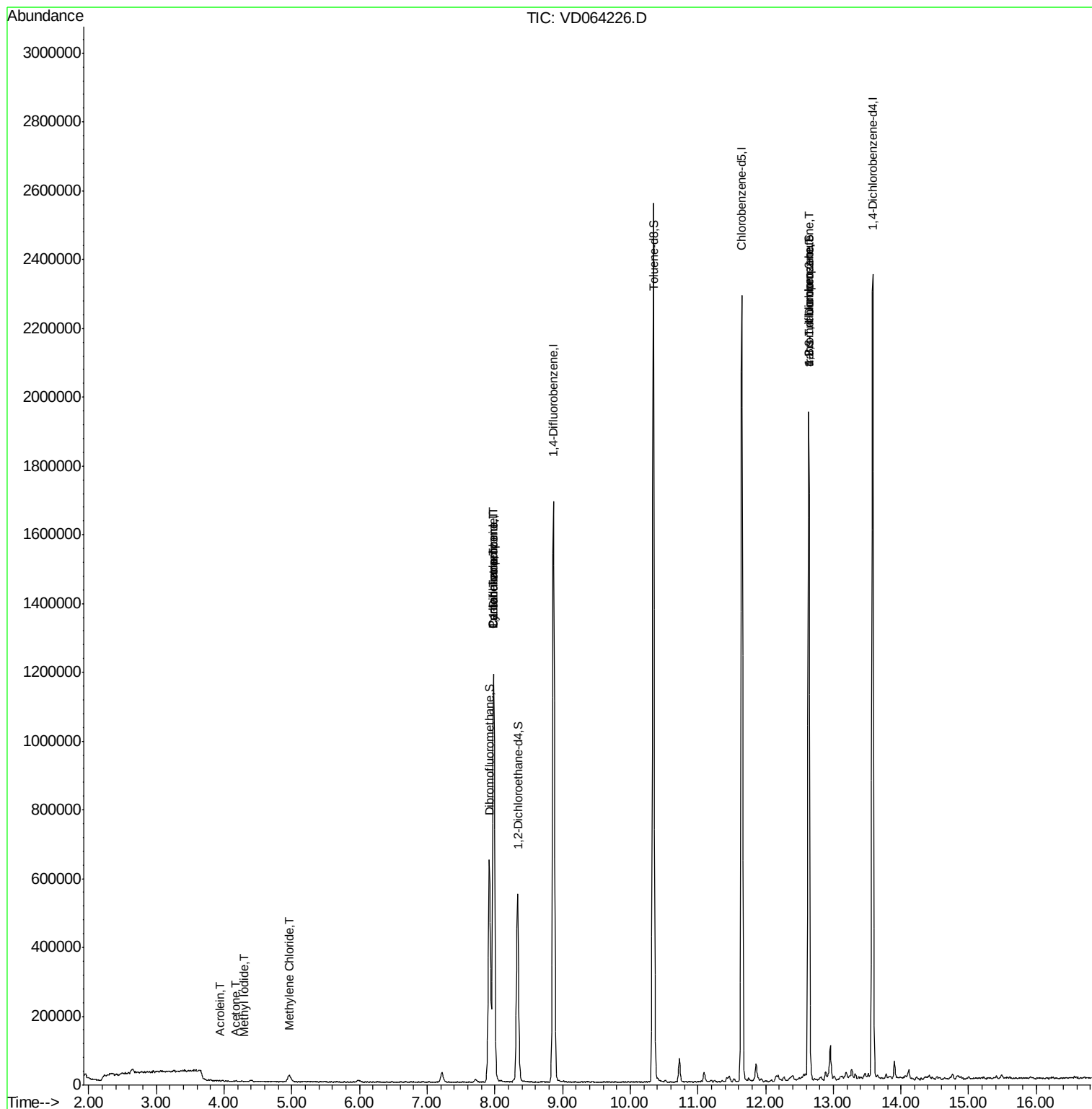
						Qvalue
10) Methyl Iodide	4.29	142	122	2.043	ug/l #	79
13) Acrolein	3.94	56	499	1.048	ug/l #	15
16) Acetone	4.17	43	2153	1.128	ug/l #	89
20) Methylene Chloride	4.97	84	15188	1.575	ug/l #	85
31) Cyclohexane	7.98	56	18892	1.195	ug/l #	5
36) 1,1-Dichloropropene	7.98	75	63993	4.756	ug/l #	50
38) Carbon Tetrachloride	7.98	117	85760	5.957	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	299152	57.536	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	299152	114.288	ug/l #	10

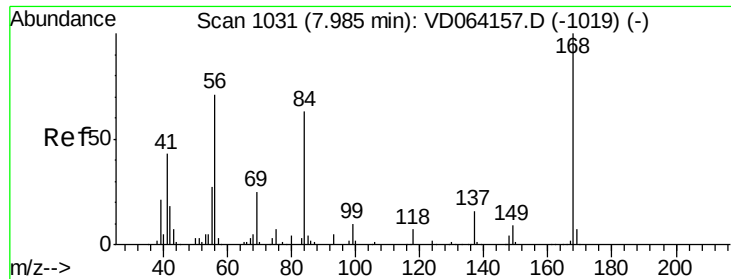
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

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MSVOA_D

ClientSampleId :

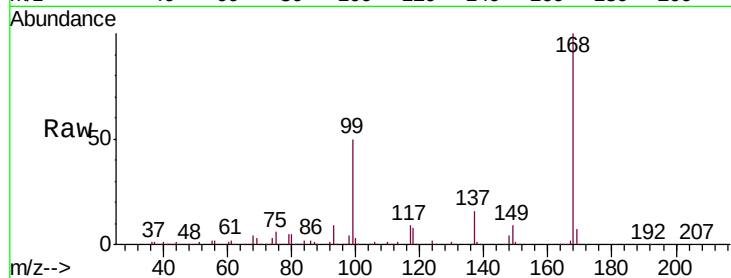
SB-01-7.5-8.0

Tgt Ion:168 Resp: 979634

Ion Ratio Lower Upper

168 100

99 50.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

500000

400000

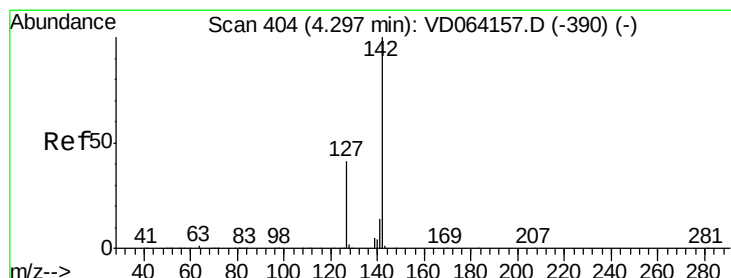
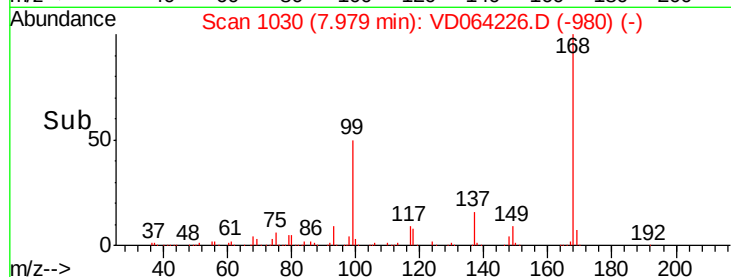
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.043 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064226.D

Acq: 15 Nov 2019 14:38

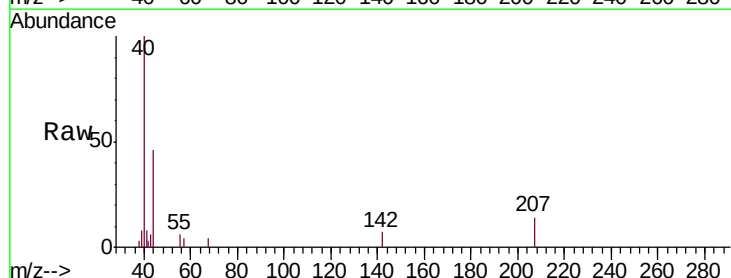
Tgt Ion:142 Resp: 122

Ion Ratio Lower Upper

142 100

127 53.3 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

4.29

400

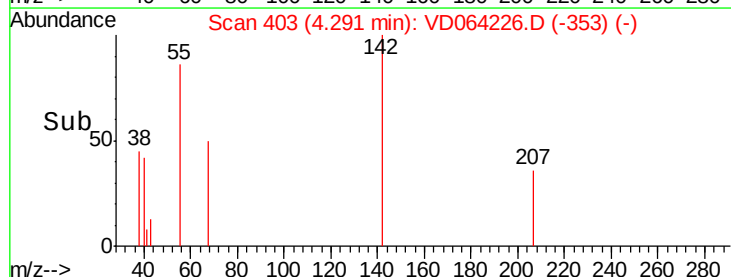
300

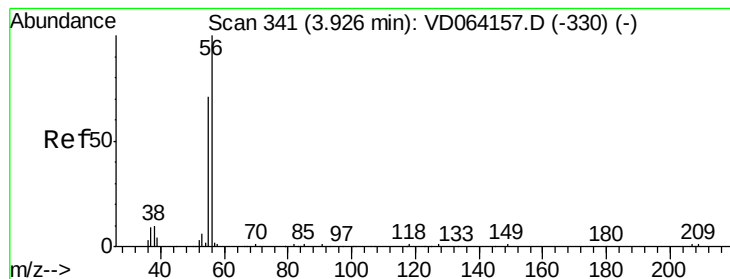
200

100

0

Time-->





#13

Acrolein

Concen: 1.048 ug/l

RT: 3.94 min Scan# 343

Delta R.T. 0.01 min

Lab File: VD064226.D

Acq: 15 Nov 2019 14:38

Instrument :

MSVOA_D

ClientSampleId :

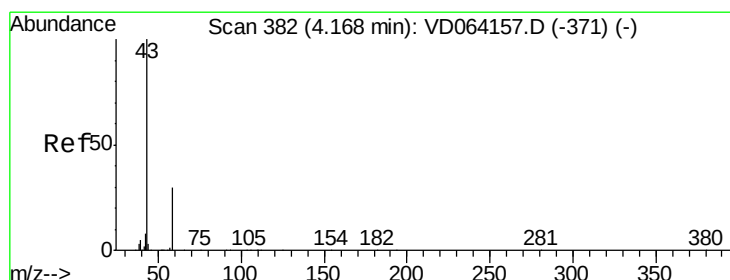
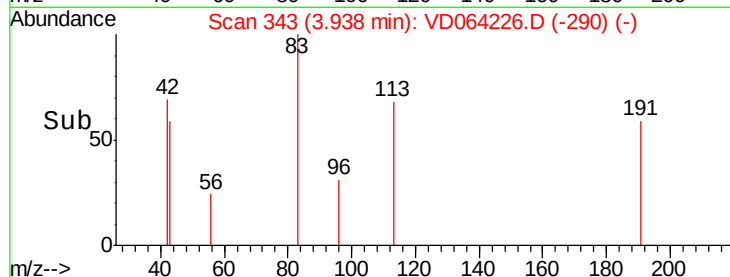
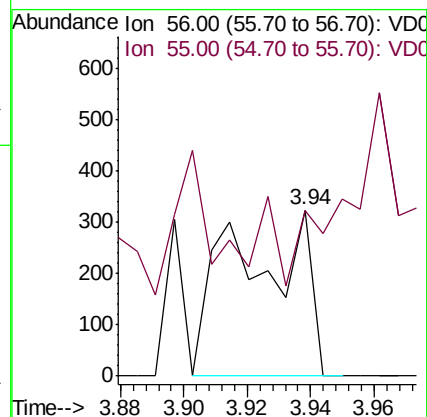
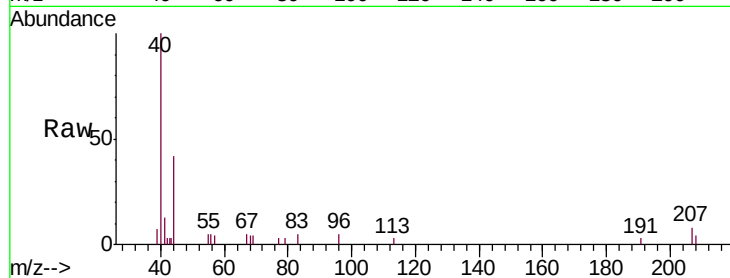
SB-01-7.5-8.0

Tgt Ion: 56 Resp: 499

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#



#16

Acetone

Concen: 1.128 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064226.D

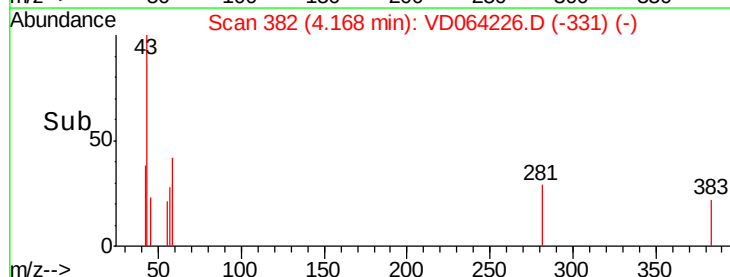
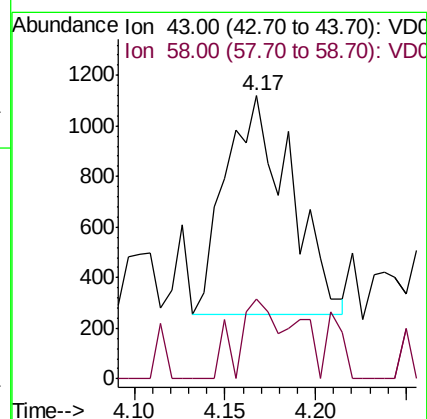
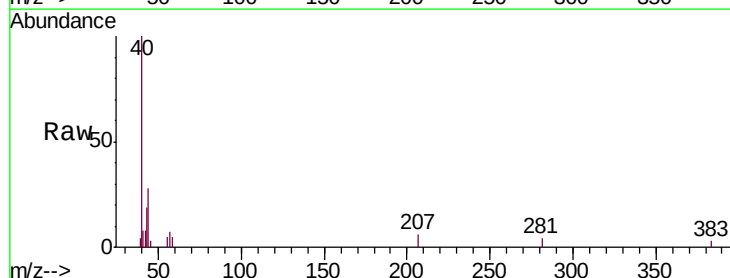
Acq: 15 Nov 2019 14:38

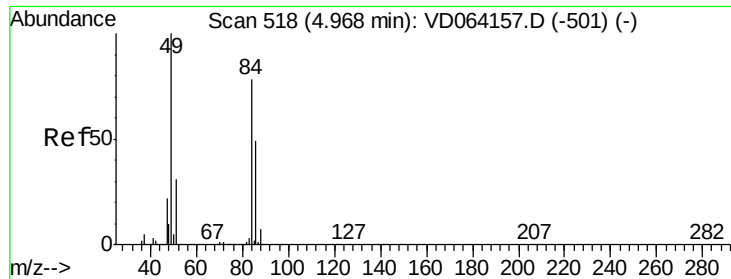
Tgt Ion: 43 Resp: 2153

Ion Ratio Lower Upper

43 100

58 36.3 24.1 36.1#

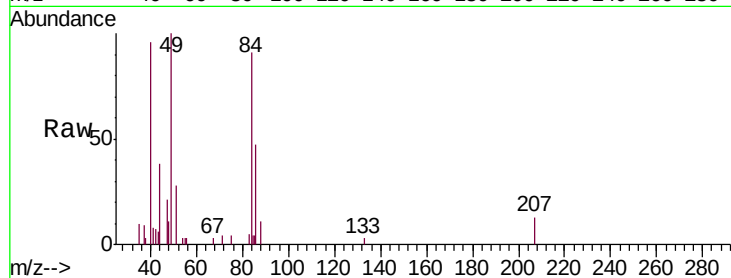




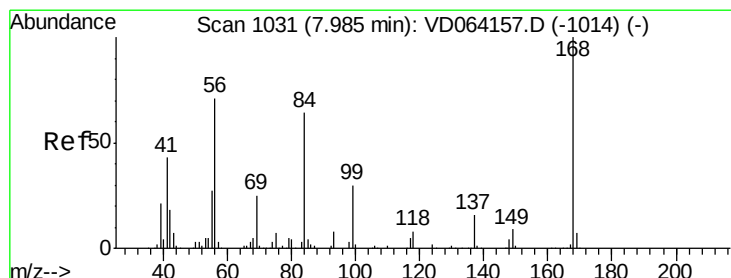
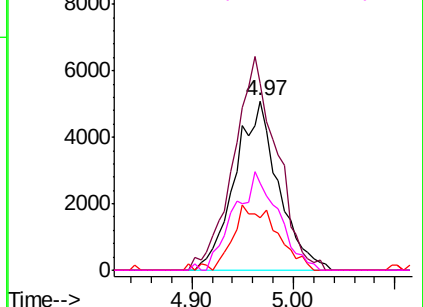
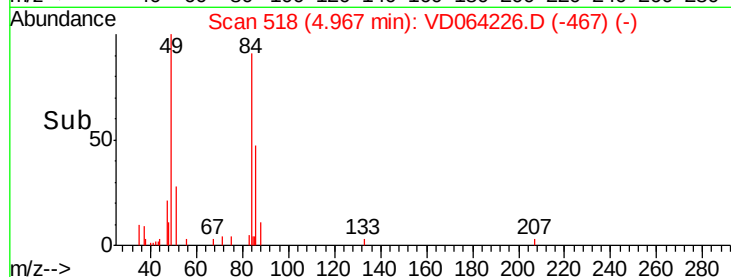
#20
Methylene Chloride
Concen: 1.575 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD064226.D
Acq: 15 Nov 2019 14:38

Instrument :
MSVOA_D
ClientSampleId :
SB-01-7.5-8.0

Tgt Ion: 84 Resp: 15188
Ion Ratio Lower Upper
84 100
49 110.2 102.1 153.1
51 31.0 32.2 48.2#
86 51.6 49.9 74.9

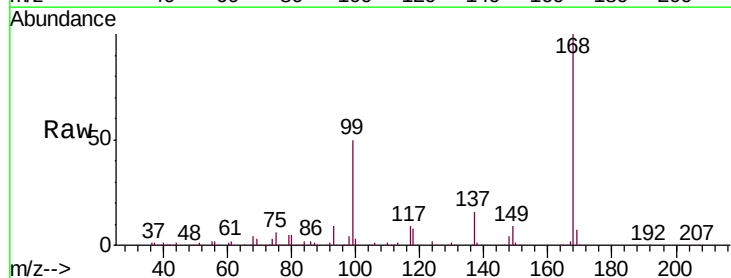


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

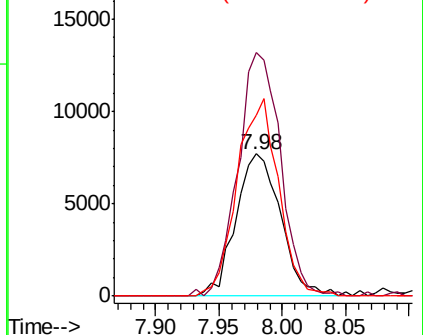
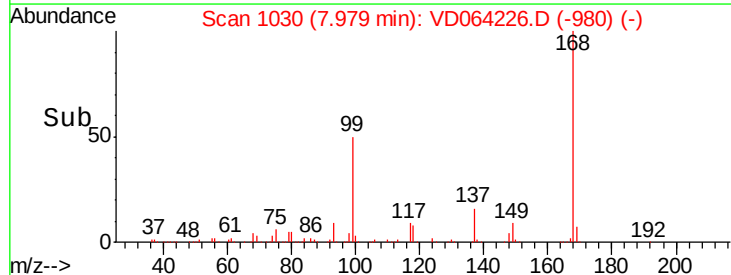


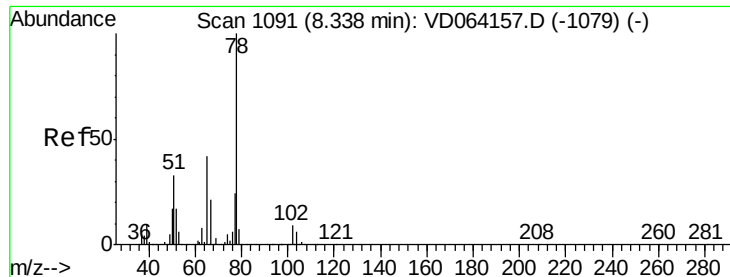
#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064226.D
Acq: 15 Nov 2019 14:38

Tgt Ion: 56 Resp: 18892
Ion Ratio Lower Upper
56 100
69 171.2 28.2 42.4#
84 127.3 71.8 107.6#



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

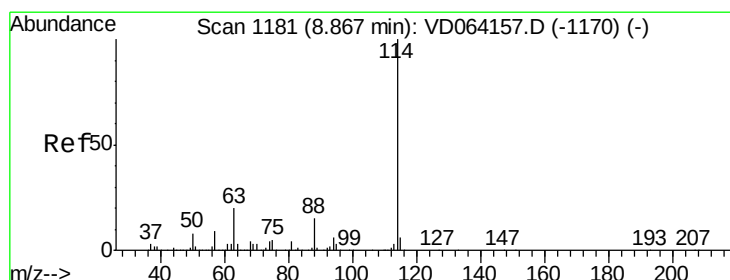
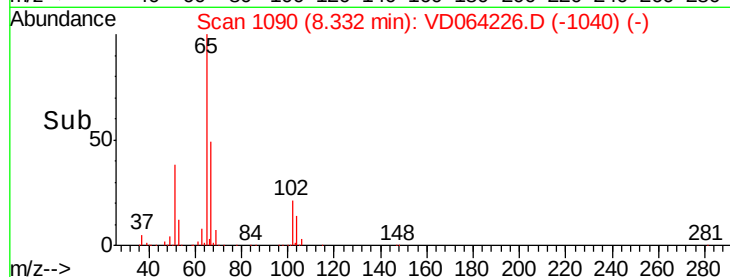
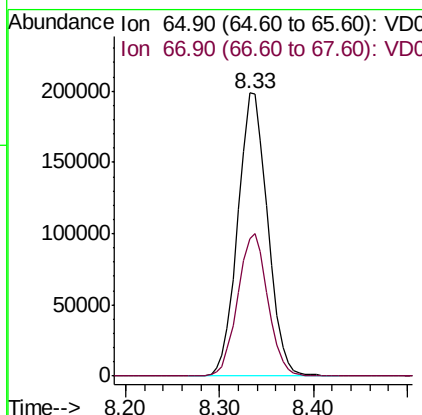
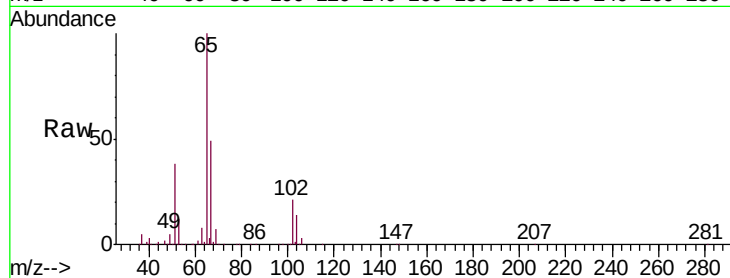




#33
 1,2-Dichloroethane-d4
 Concen: 54.479 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064226.D
 Acq: 15 Nov 2019 14:38

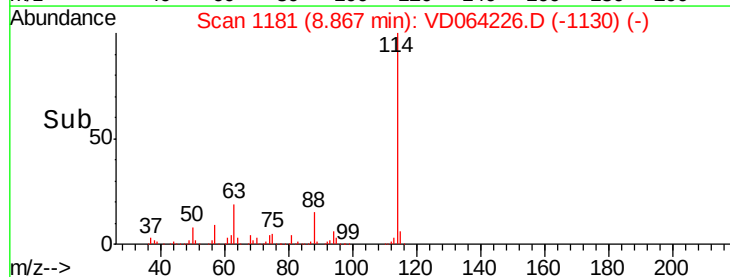
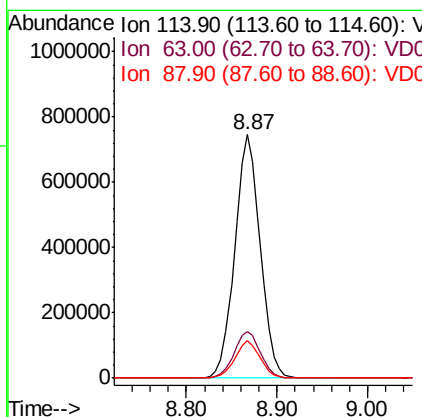
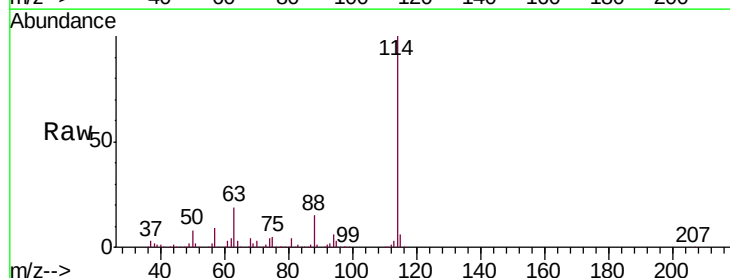
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-7.5-8.0

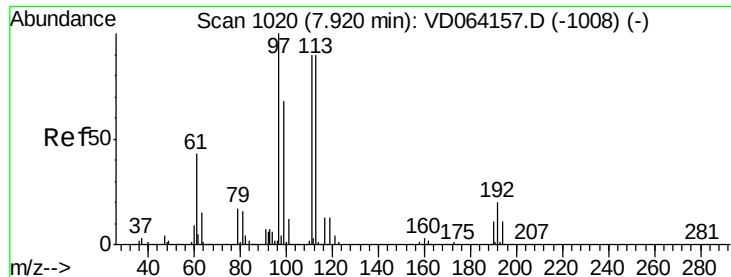
Tgt Ion: 65 Resp: 438929
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064226.D
 Acq: 15 Nov 2019 14:38

Tgt Ion: 114 Resp: 1457836
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 15.2 0.0 30.2

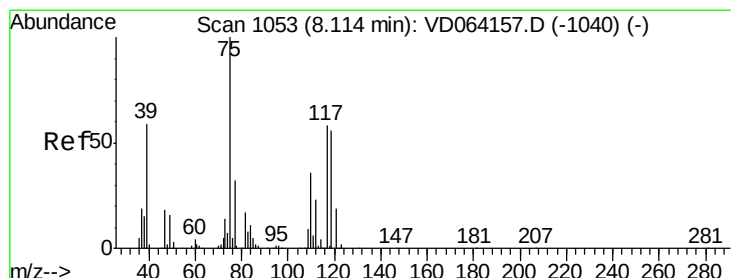
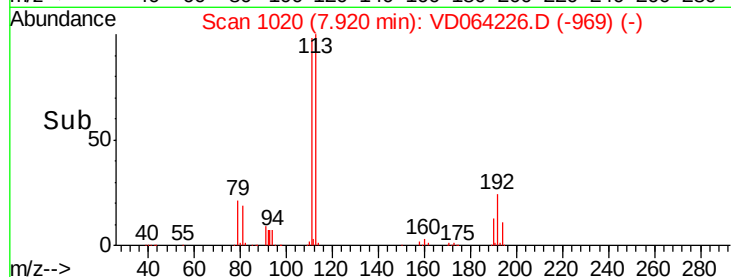
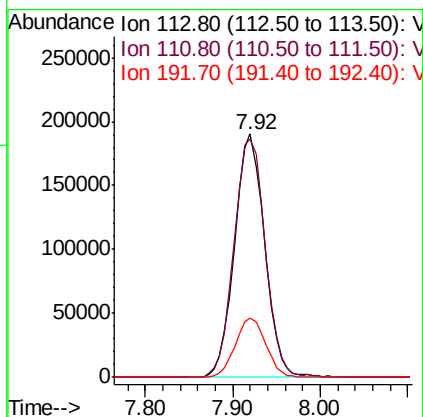
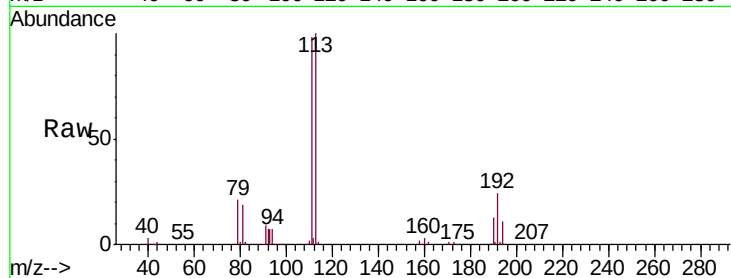




#35
 Dibromofluoromethane
 Concen: 52.886 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064226.D
 Acq: 15 Nov 2019 14:38

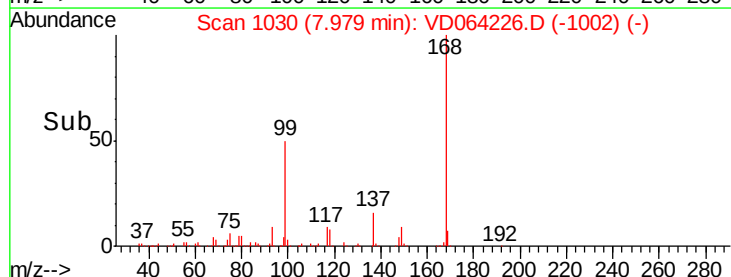
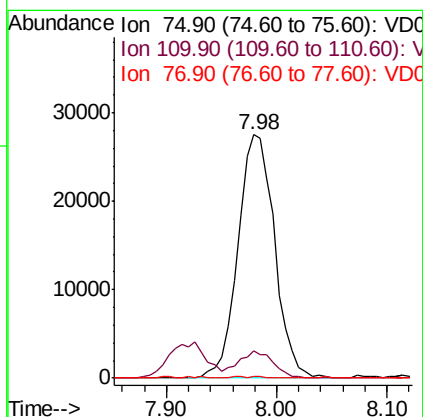
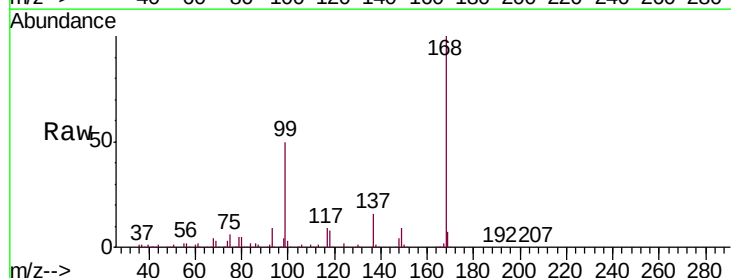
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-7.5-8.0

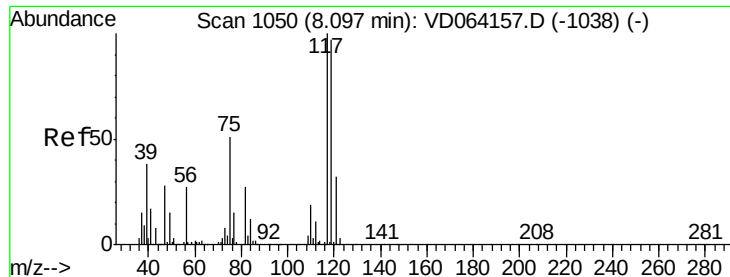
Tgt Ion: 113 Resp: 442561
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 24.8 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.756 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064226.D
 Acq: 15 Nov 2019 14:38

Tgt Ion: 75 Resp: 63993
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.3 54.9#
 77 0.2 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.957 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064226.D

Acq: 15 Nov 2019 14:38

Instrument :

MSVOA_D

ClientSampleId :

SB-01-7.5-8.0

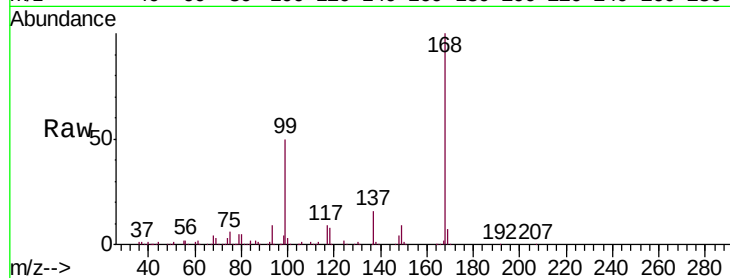
Tgt Ion:117 Resp: 85760

Ion Ratio Lower Upper

117 100

119 4.6 77.2 115.8#

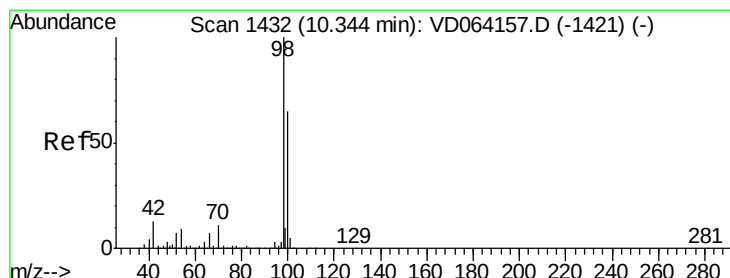
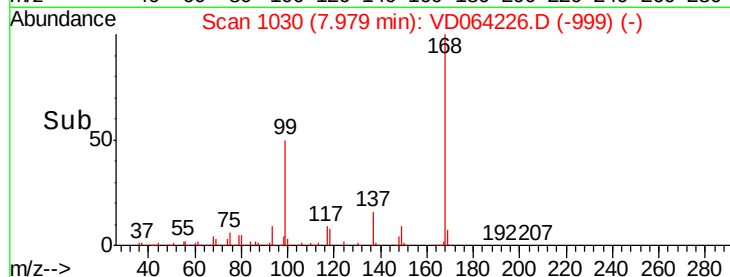
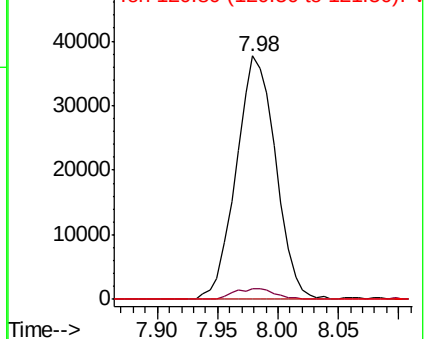
121 0.0 25.5 38.3#



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



#50

Toluene-d8

Concen: 54.450 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064226.D

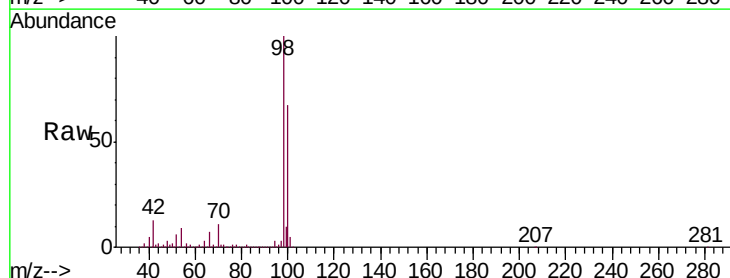
Acq: 15 Nov 2019 14:38

Tgt Ion: 98 Resp: 1718918

Ion Ratio Lower Upper

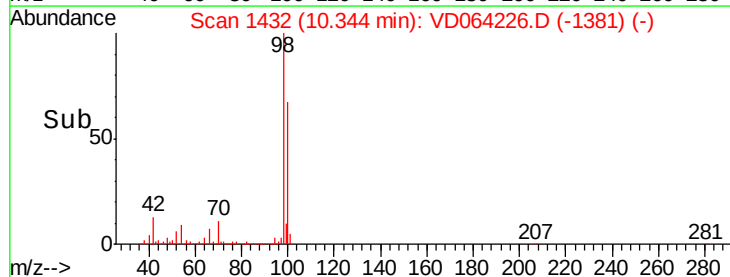
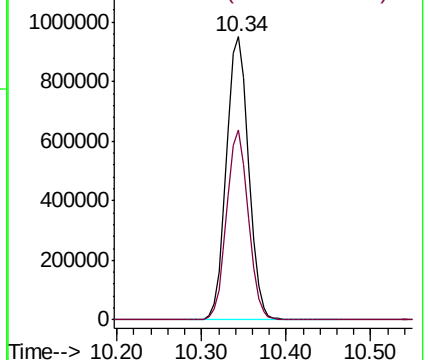
98 100

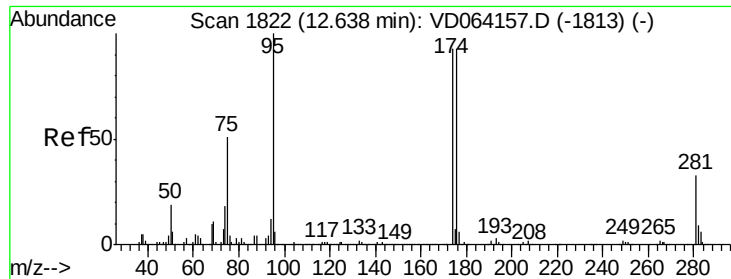
100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

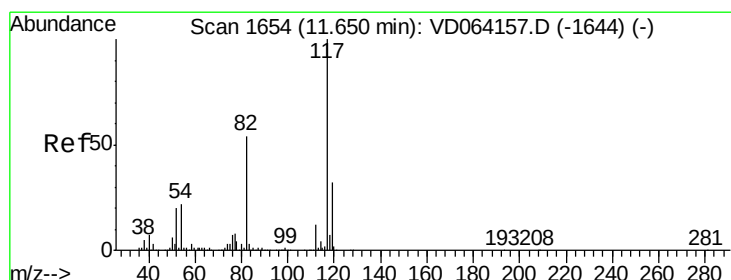
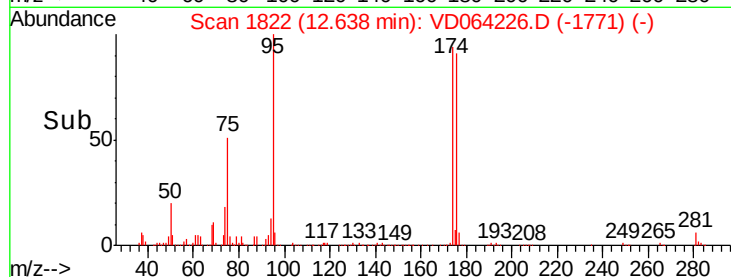
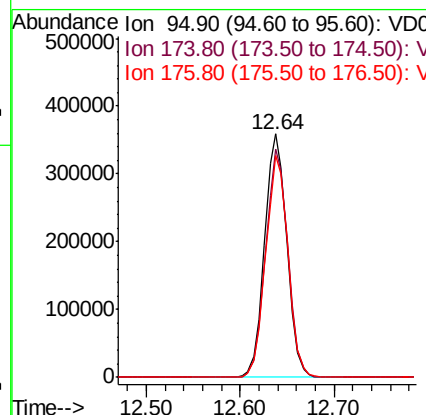
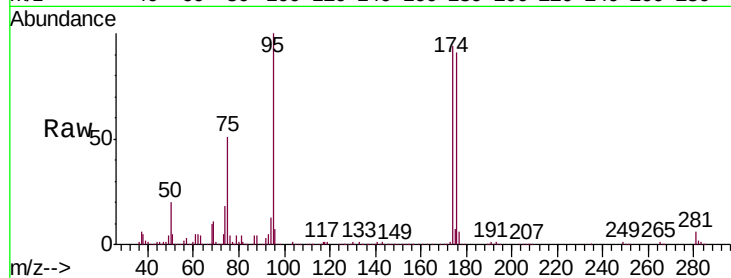




#62
4-Bromofluorobenzene
Concen: 53.449 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064226.D
Acq: 15 Nov 2019 14:38

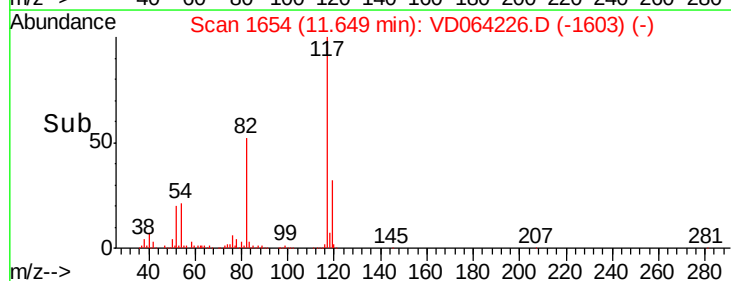
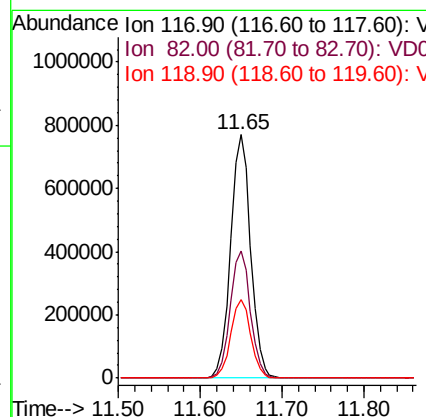
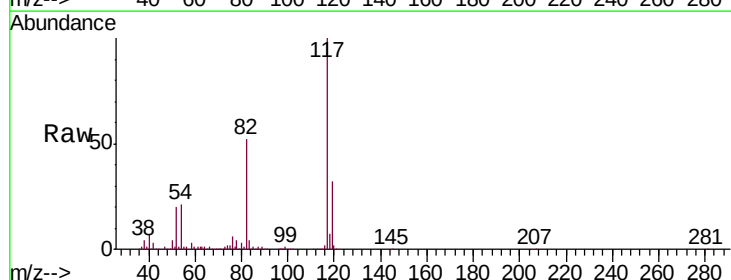
Instrument :
MSVOA_D
ClientSampleId :
SB-01-7.5-8.0

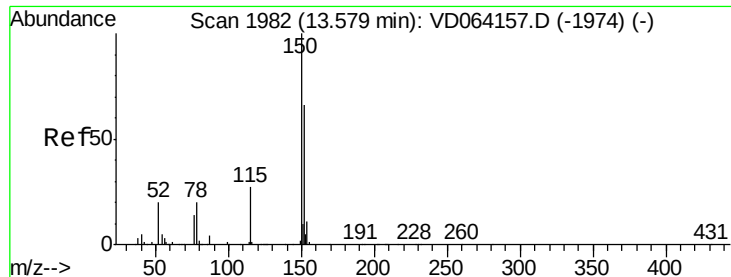
Tgt Ion: 95 Resp: 584320
Ion Ratio Lower Upper
95 100
174 93.9 0.0 183.6
176 91.6 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064226.D
Acq: 15 Nov 2019 14:38

Tgt Ion: 117 Resp: 1307257
Ion Ratio Lower Upper
117 100
82 52.4 42.8 64.2
119 32.2 25.6 38.4

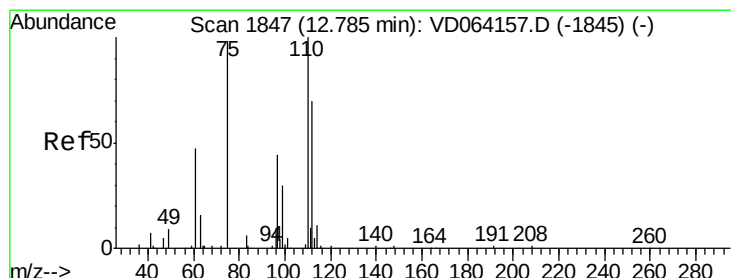
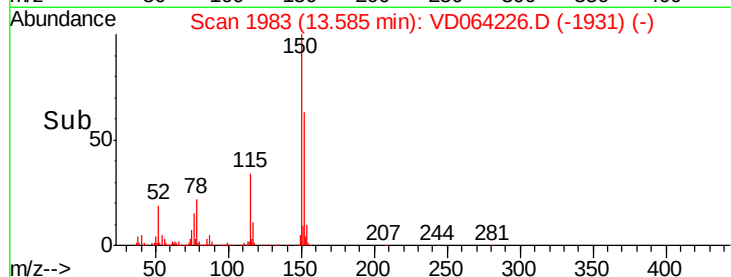
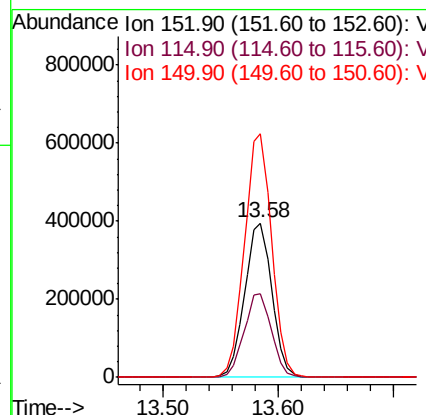
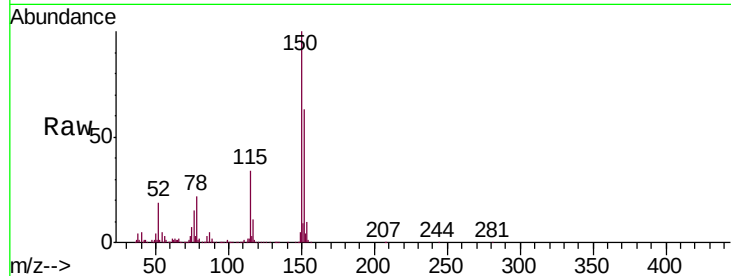




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VD064226.D
 Acq: 15 Nov 2019 14:38

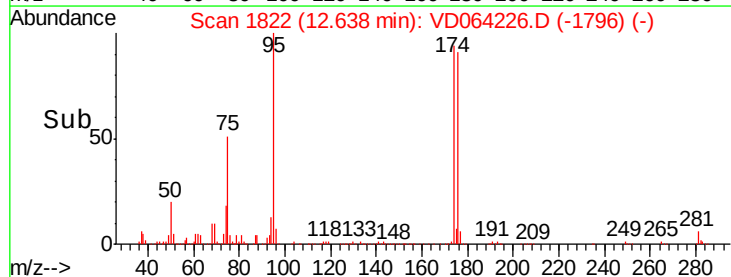
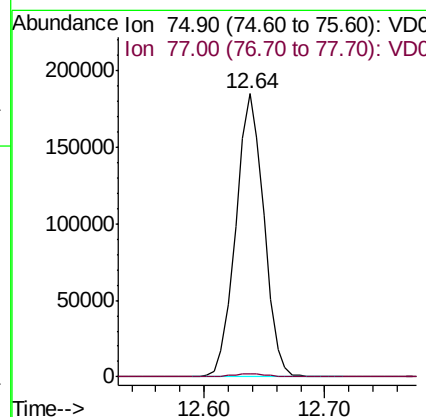
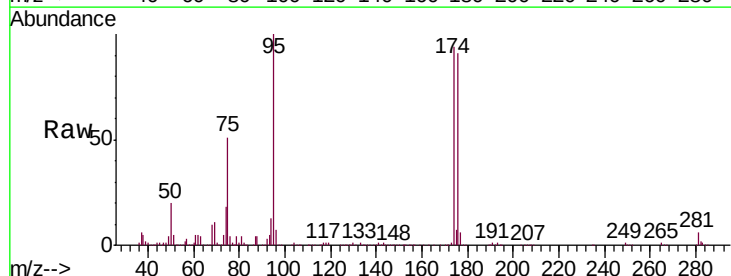
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-7.5-8.0

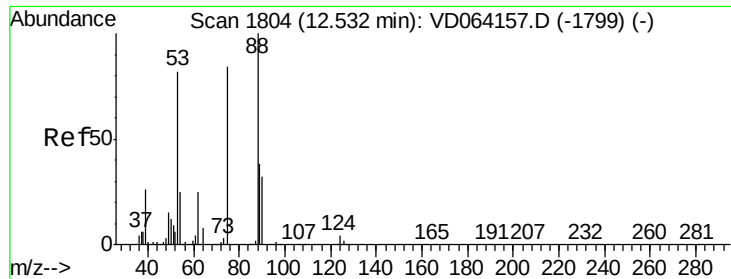
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.4	82.2
150	157.8	0.0	351.6



#76
 1,2,3-Trichloropropane
 Concen: 57.536 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064226.D
 Acq: 15 Nov 2019 14:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 114.288 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064226.D

Acq: 15 Nov 2019 14:38

Instrument :

MSVOA_D

ClientSampleId :

SB-01-7.5-8.0

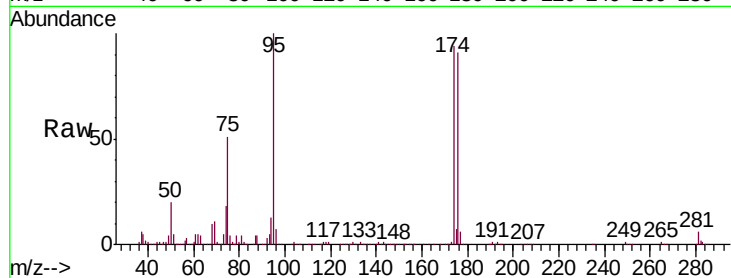
Tgt Ion: 75 Resp: 299152

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

