

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112619\
 Data File : VD064376.D
 Acq On : 26 Nov 2019 11:20
 Operator : VA/SY
 Sample : VD1126SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBL01

Quant Time: Nov 26 12:59:47 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

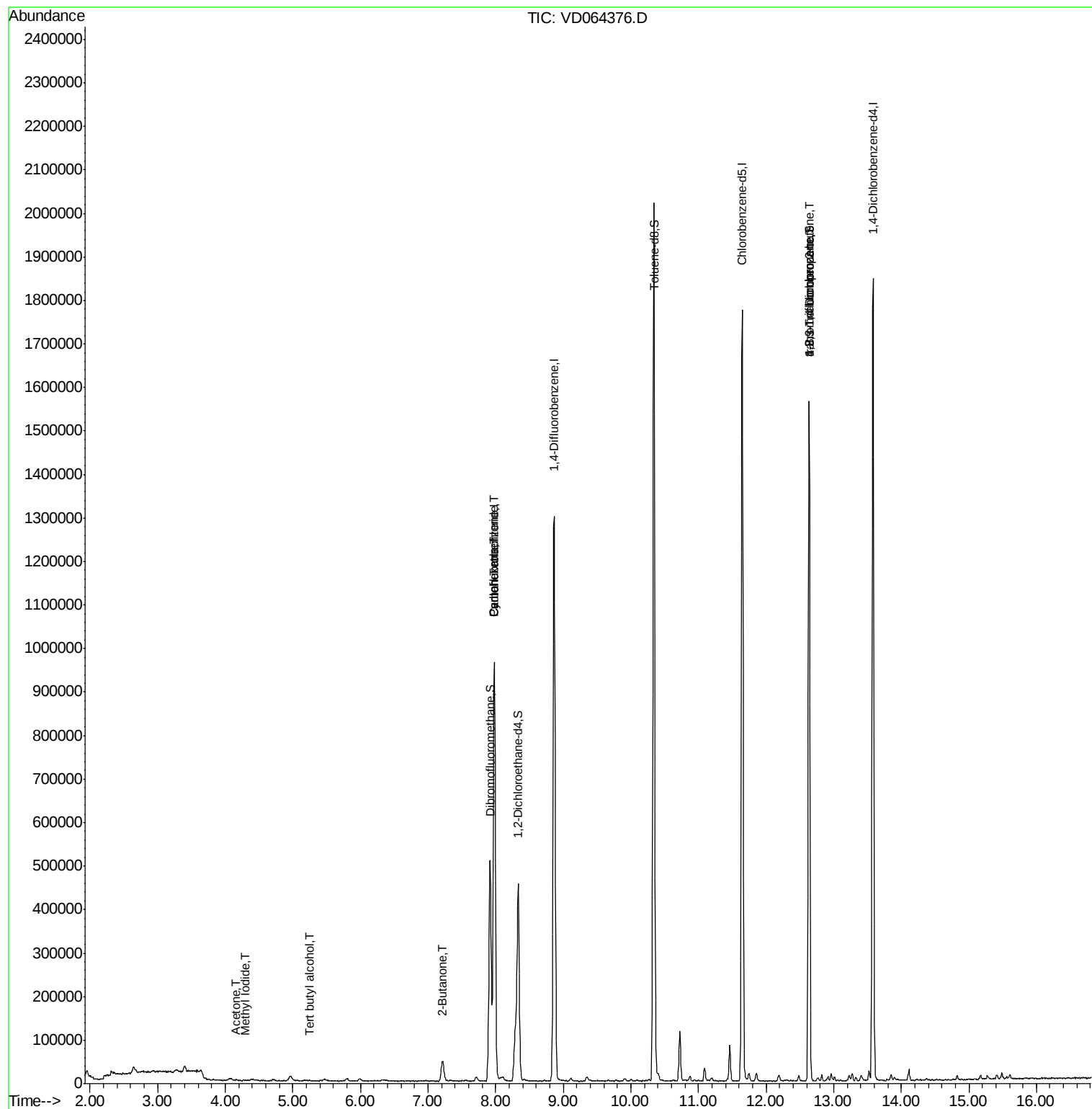
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	785271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1169561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1042256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	508090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	351649	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
35) Dibromofluoromethane	7.91	113	351283	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
50) Toluene-d8	10.34	98	1385132	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
62) 4-Bromofluorobenzene	12.64	95	450574	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	2126	2.289	ug/l #	89
11) Tert butyl alcohol	5.24	59	669	1.483	ug/l #	92
16) Acetone	4.17	43	4431	2.896	ug/l #	86
25) 2-Butanone	7.21	43	3671	1.857	ug/l	94
31) Cyclohexane	7.98	56	18021	1.422	ug/l #	21
38) Carbon Tetrachloride	7.98	117	71167	6.162	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	233751	57.117	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	233751	113.456	ug/l #	10

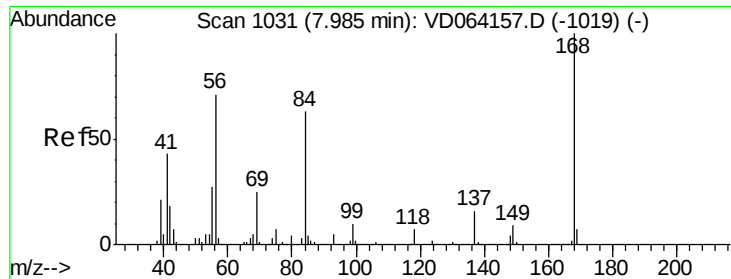
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD112619\
Data File : VD064376.D
Acq On : 26 Nov 2019 11:20
Operator : VA/SY
Sample : VD1126SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1126SBL01

Quant Time: Nov 26 12:59:47 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# 1030

Delta R.T. -0.01 min

Lab File: VD064376.D

Acq: 26 Nov 2019 11:20

Instrument :

MSVOA_D

ClientSampleId :

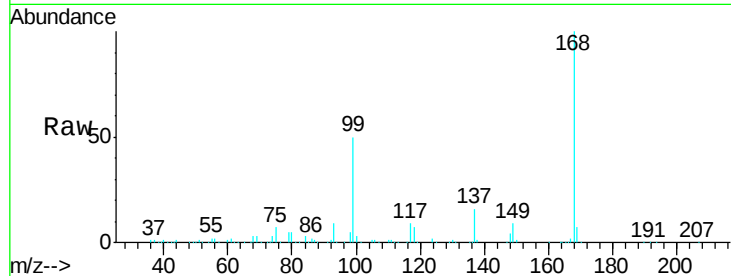
VD1126SBL01

Tgt Ion:168 Resp: 785271

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): V

7.98

400000

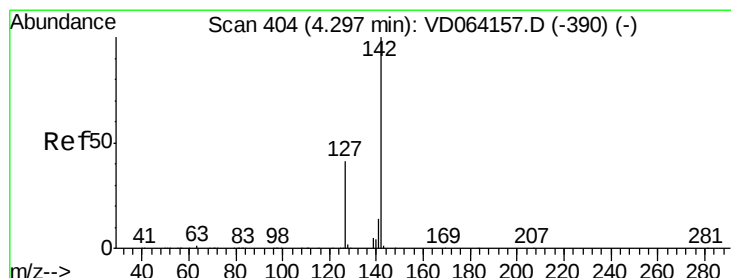
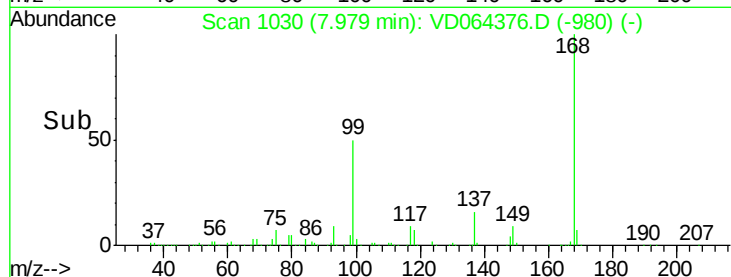
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.289 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064376.D

Acq: 26 Nov 2019 11:20

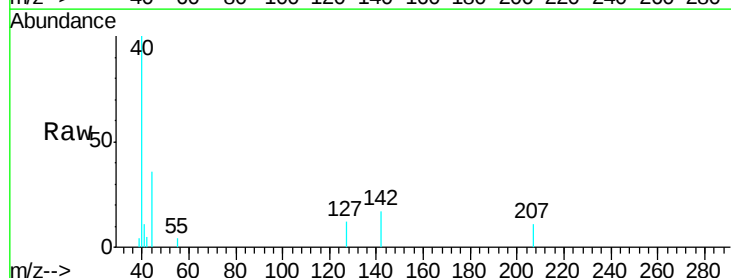
Tgt Ion:142 Resp: 2126

Ion Ratio Lower Upper

142 100

127 37.3 34.4 51.6

141 7.6 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

4.30

1000

800

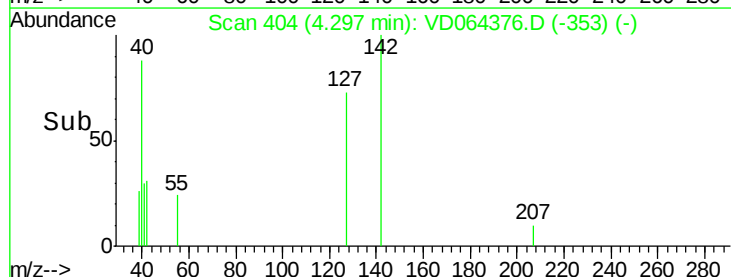
600

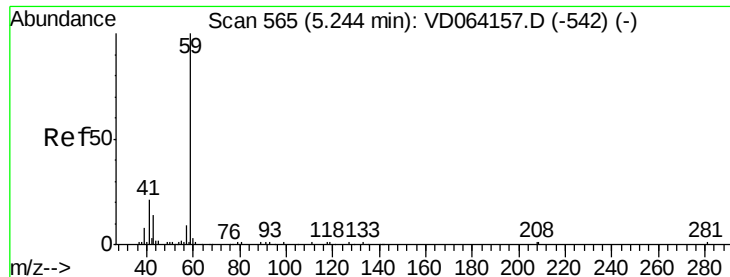
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200

0

Time-->

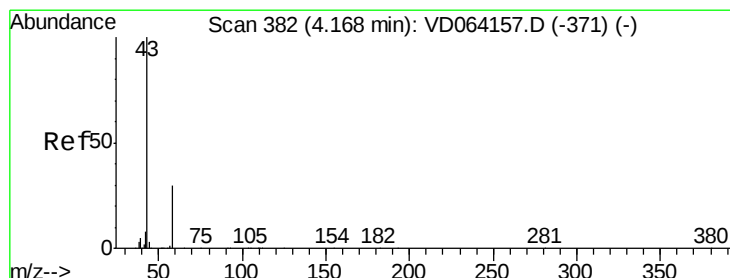
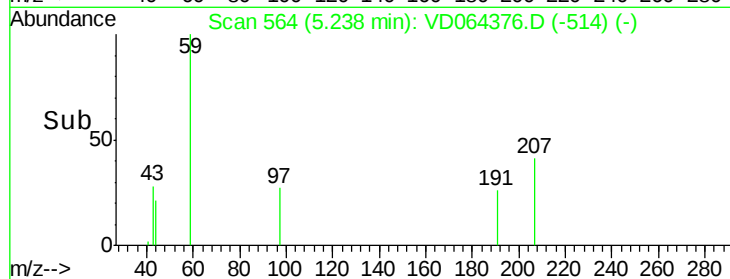
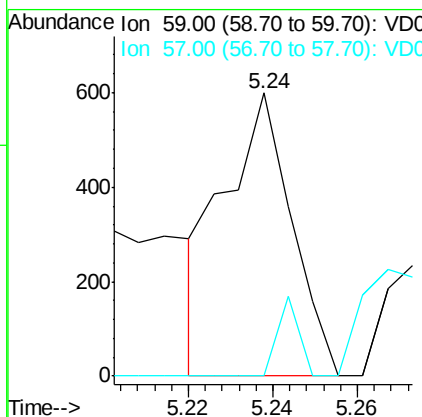
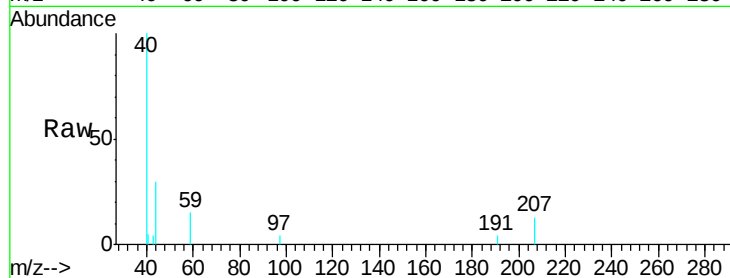




#11
Tert butyl alcohol
Concen: 1.483 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.01 min
Lab File: VD064376.D
Acq: 26 Nov 2019 11:20

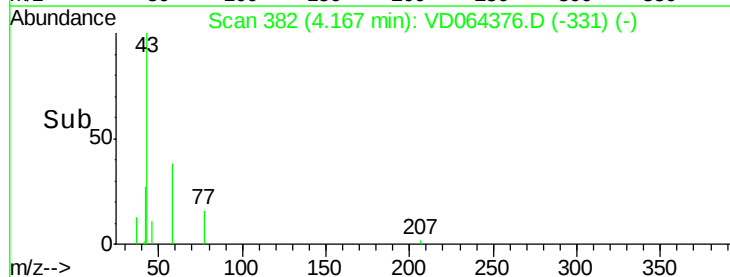
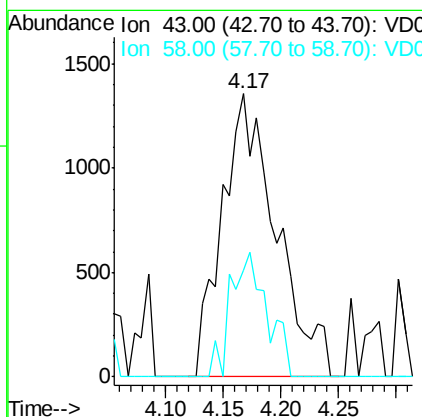
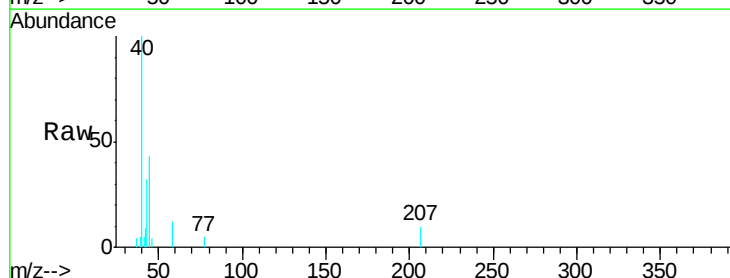
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBL01

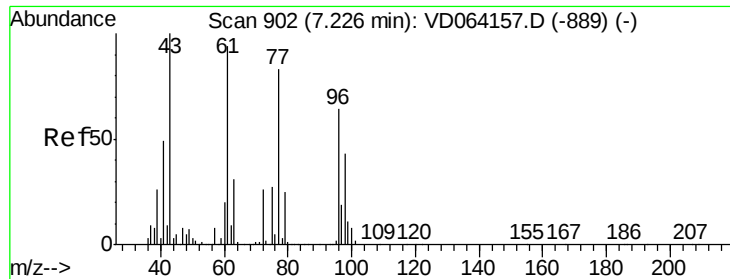
Tgt Ion: 59 Resp: 669
Ion Ratio Lower Upper
59 100
57 8.8 9.4 14.2#



#16
Acetone
Concen: 2.896 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064376.D
Acq: 26 Nov 2019 11:20

Tgt Ion: 43 Resp: 4431
Ion Ratio Lower Upper
43 100
58 37.6 24.1 36.1#





#25

2-Butanone

Concen: 1.857 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD064376.D

Acq: 26 Nov 2019 11:20

Instrument :

MSVOA_D

ClientSampleId :

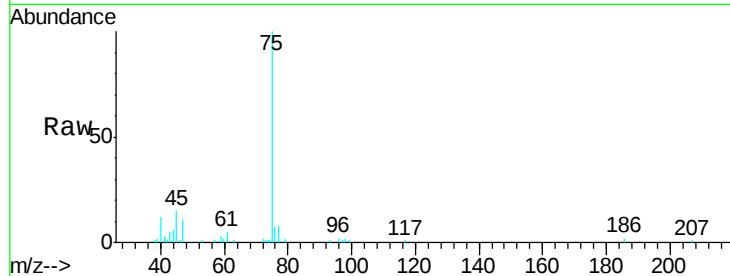
VD1126SBL01

Tgt Ion: 43 Resp: 3671

Ion Ratio Lower Upper

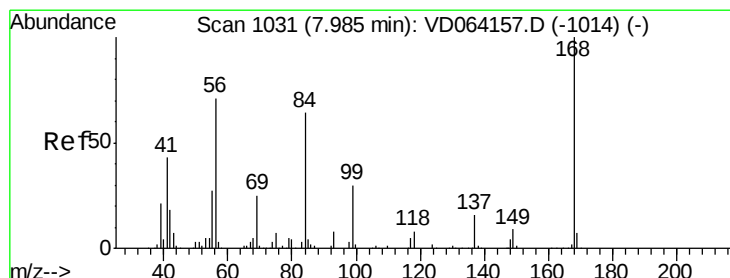
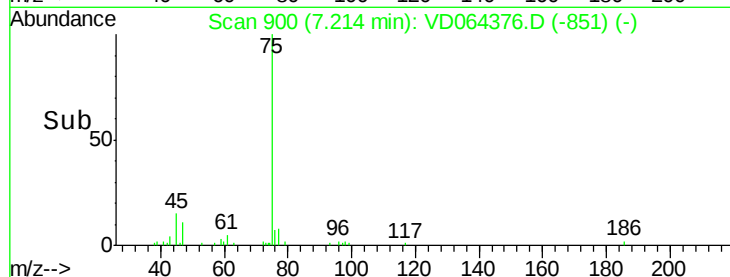
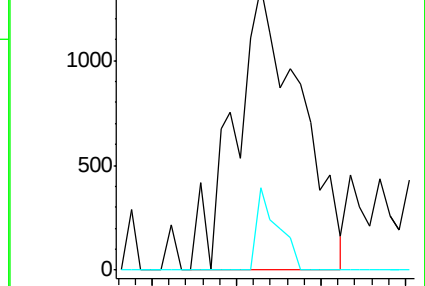
43 100

72 29.0 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.422 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064376.D

Acq: 26 Nov 2019 11:20

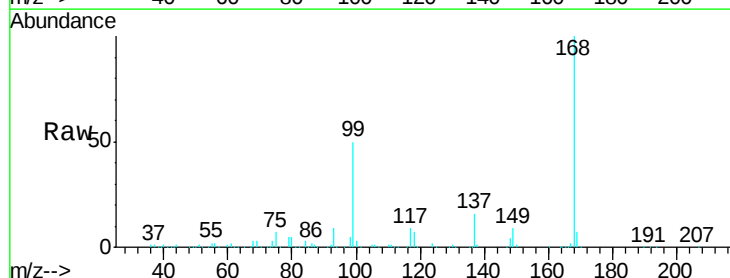
Tgt Ion: 56 Resp: 18021

Ion Ratio Lower Upper

56 100

69 133.8 28.2 42.4#

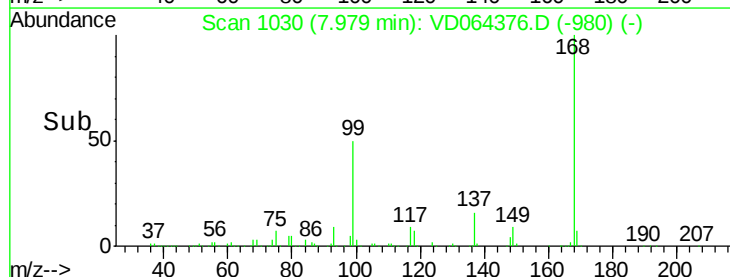
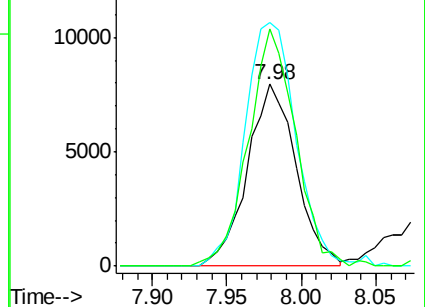
84 130.1 71.8 107.6#

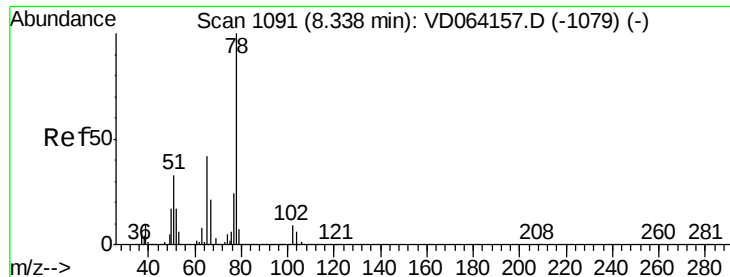


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

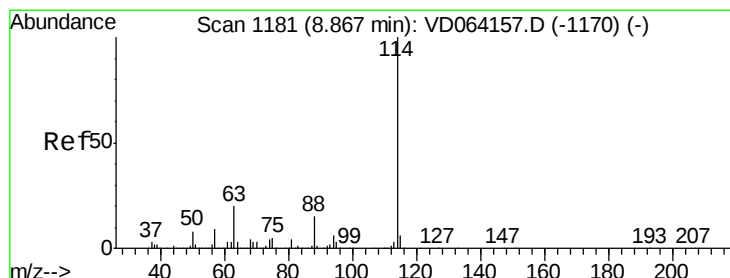
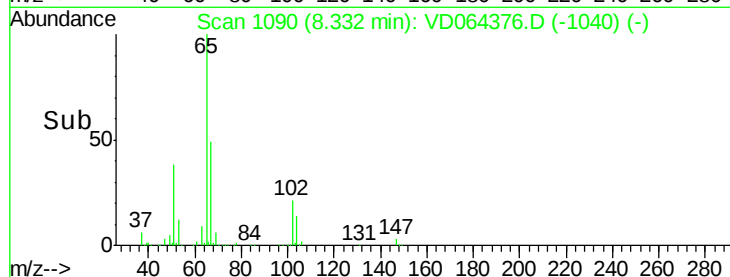
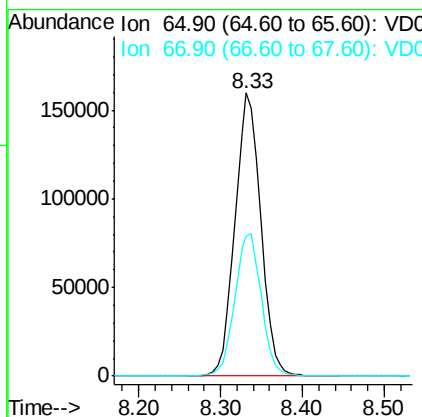
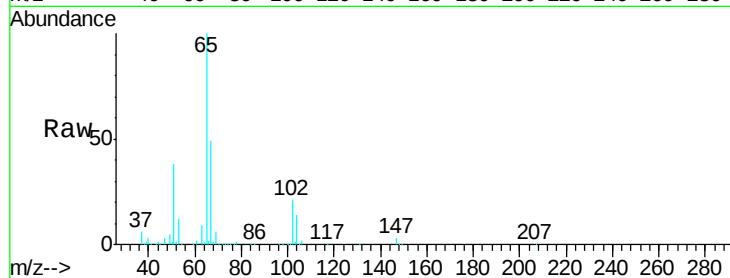




#33
 1,2-Dichloroethane-d4
 Concen: 54.448 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064376.D
 Acq: 26 Nov 2019 11:20

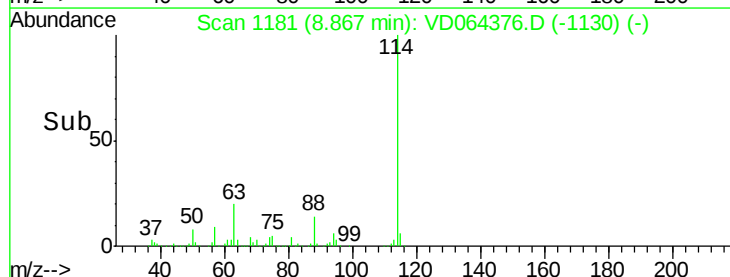
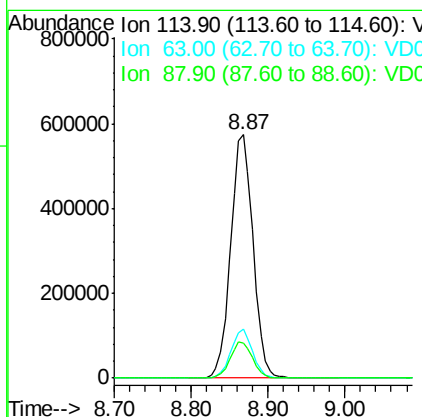
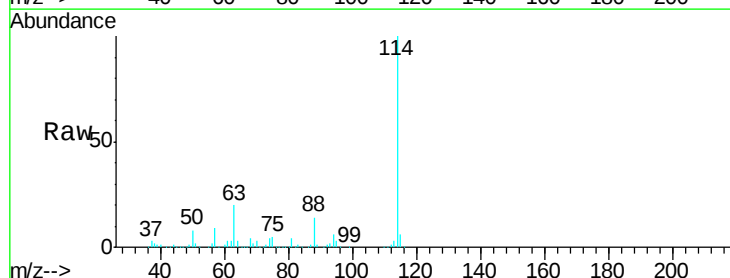
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1126SBL01

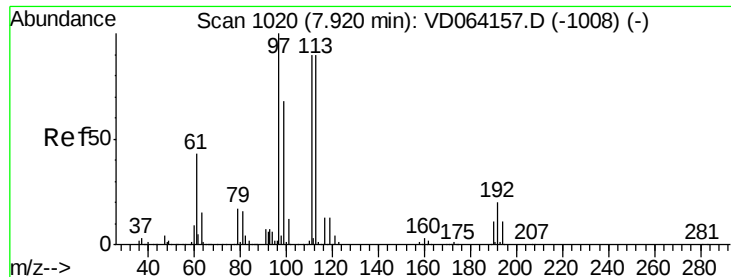
Tgt Ion: 65 Resp: 351649
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064376.D
 Acq: 26 Nov 2019 11:20

Tgt Ion: 114 Resp: 1169561
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 14.2 0.0 30.2

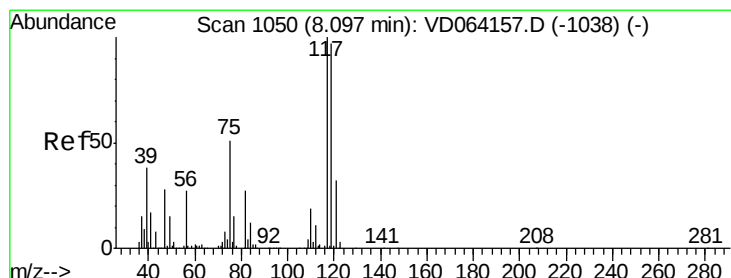
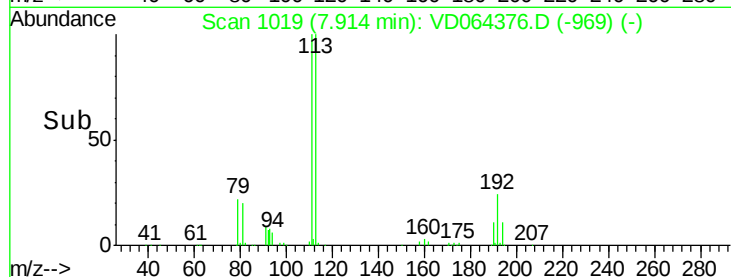
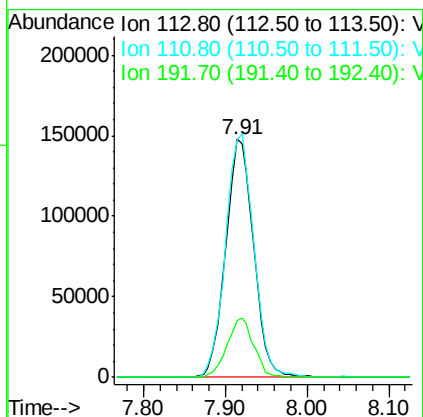
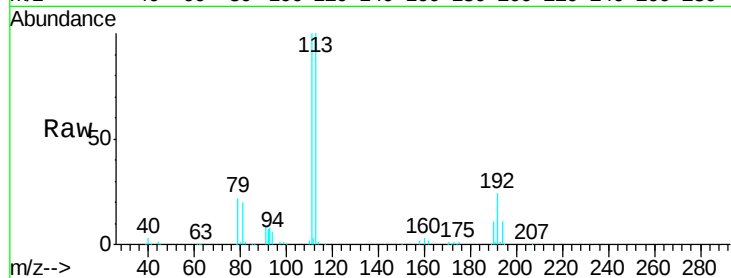




#35
Dibromofluoromethane
Concen: 52.325 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064376.D
Acq: 26 Nov 2019 11:20

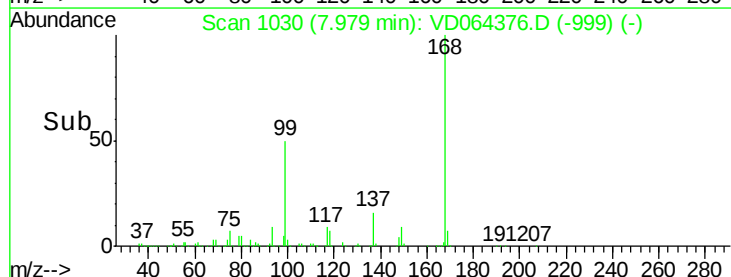
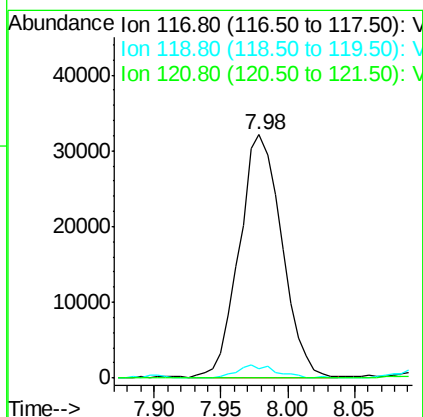
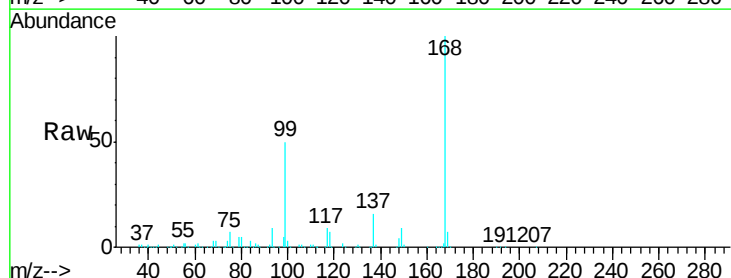
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBL01

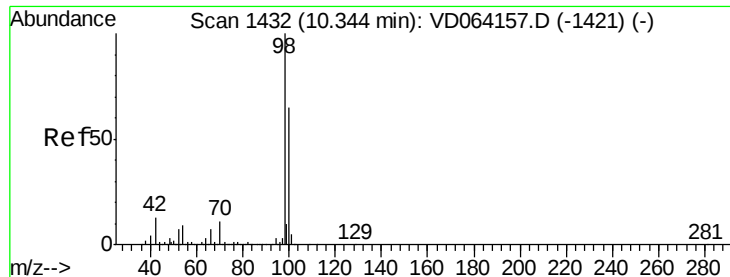
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	23.9	18.8	28.2



#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064376.D
Acq: 26 Nov 2019 11:20

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

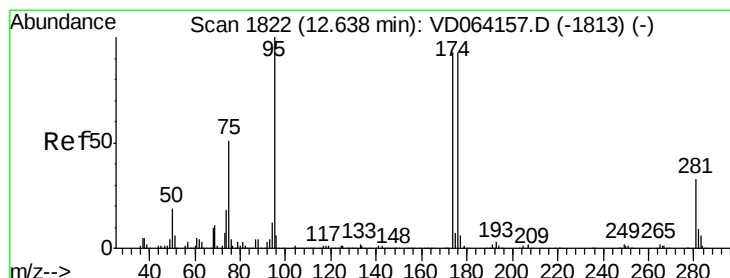
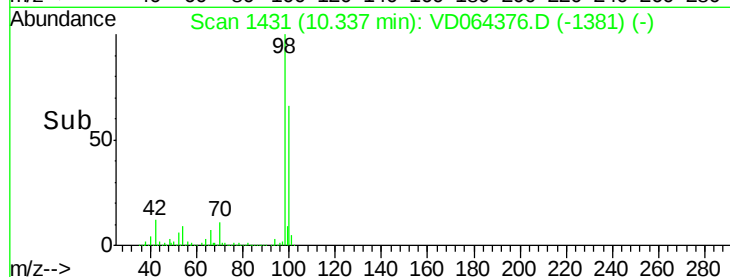
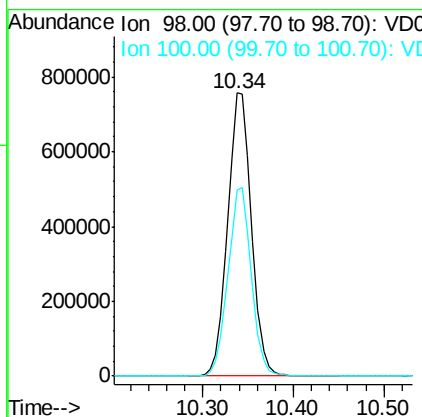
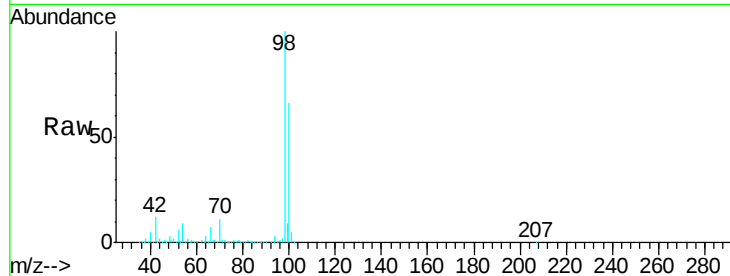




#50
Toluene-d8
Concen: 54.692 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064376.D
Acq: 26 Nov 2019 11:20

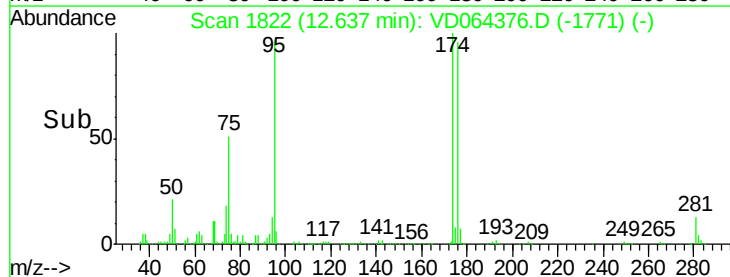
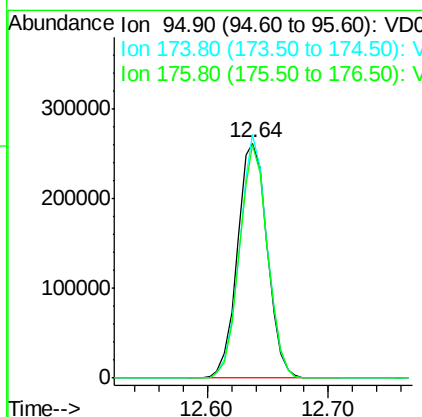
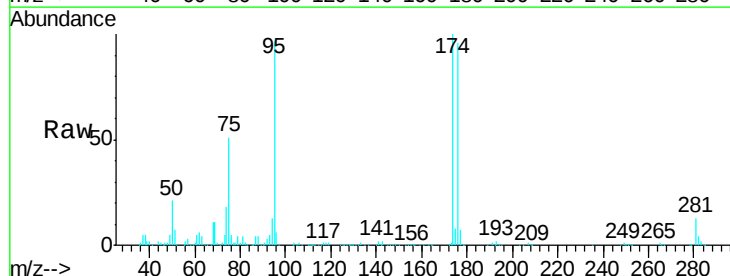
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBL01

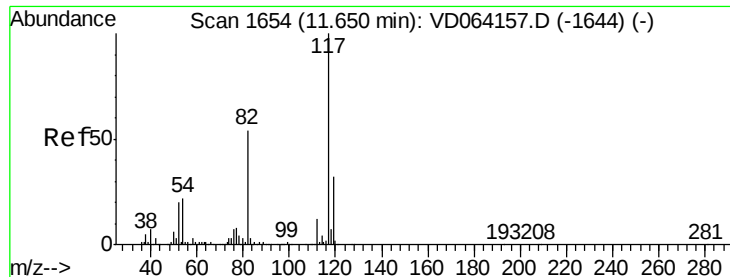
Tgt Ion: 98 Resp: 1385132
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.373 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064376.D
Acq: 26 Nov 2019 11:20

Tgt Ion: 95 Resp: 450574
Ion Ratio Lower Upper
95 100
174 96.2 0.0 183.6
176 93.6 0.0 180.2

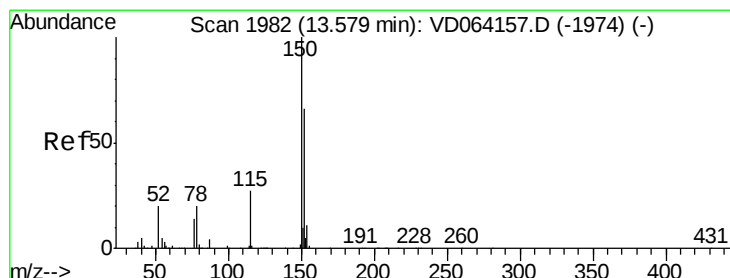
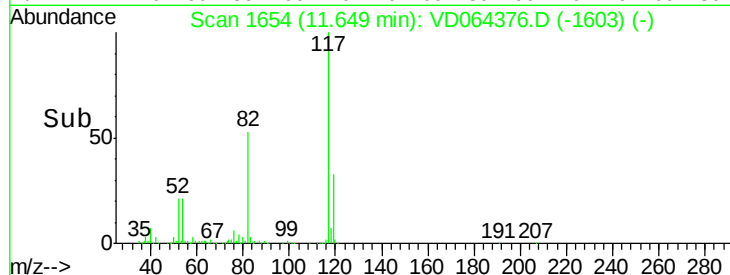
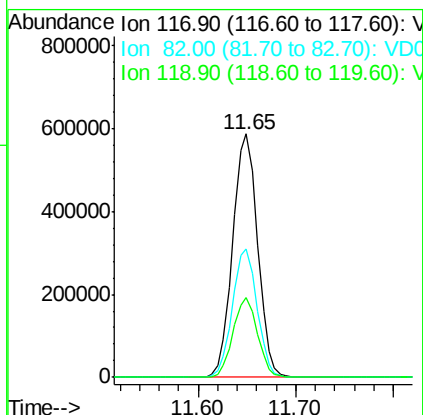
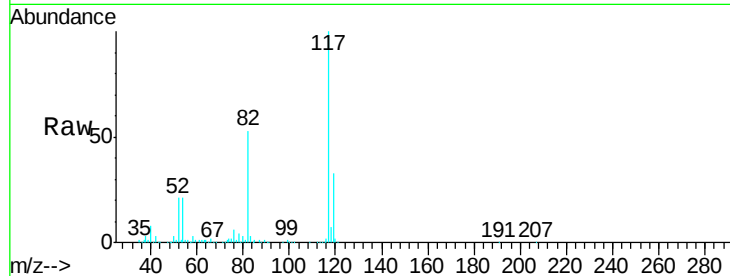




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064376.D
Acq: 26 Nov 2019 11:20

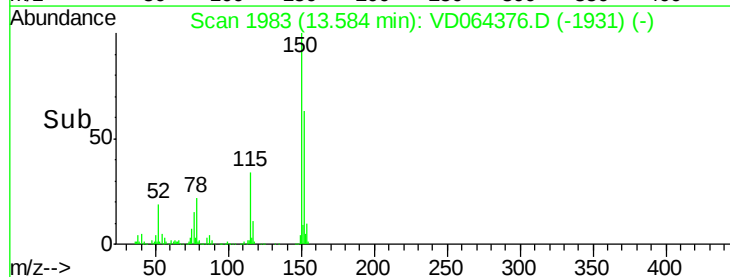
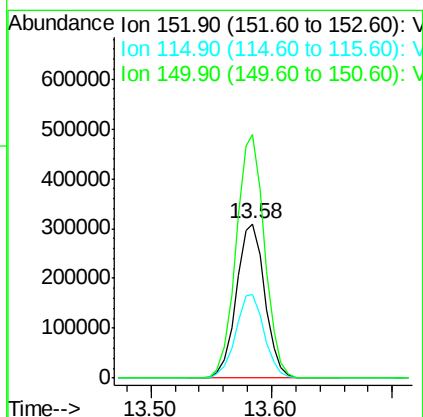
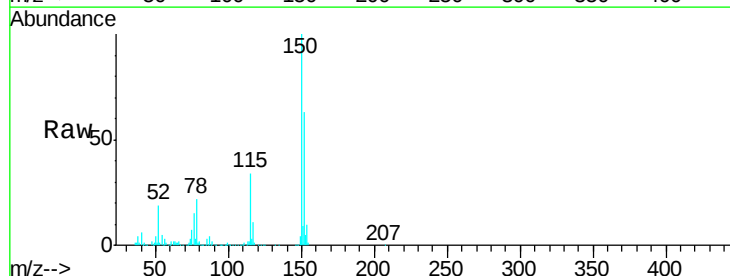
Instrument :
MSVOA_D
ClientSampleId :
VD1126SBL01

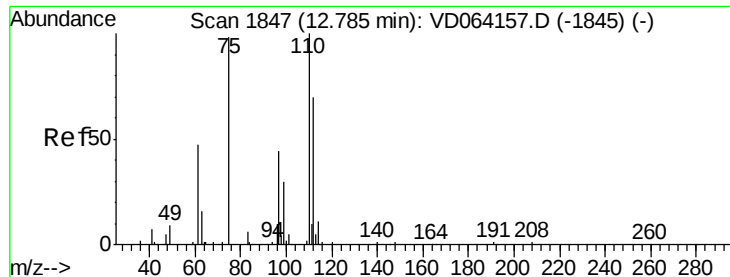
Tgt Ion:117 Resp: 1042256
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064376.D
Acq: 26 Nov 2019 11:20

Tgt Ion:152 Resp: 508090
Ion Ratio Lower Upper
152 100
115 54.7 27.4 82.2
150 157.1 0.0 351.6





#76

1,2,3-Trichloropropane

Concen: 57.117 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064376.D

Acq: 26 Nov 2019 11:20

Instrument :

MSVOA_D

ClientSampleId :

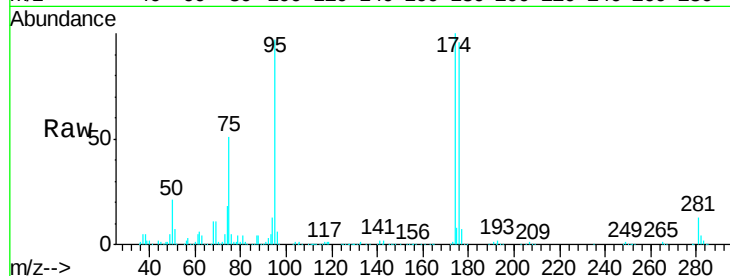
VD1126SBL01

Tgt Ion: 75 Resp: 233751

Ion Ratio Lower Upper

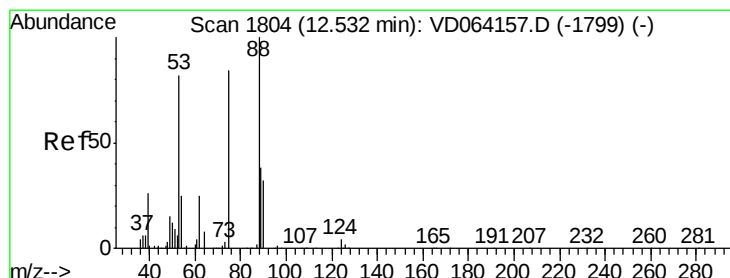
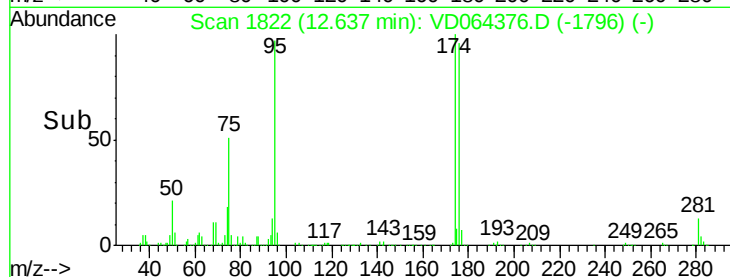
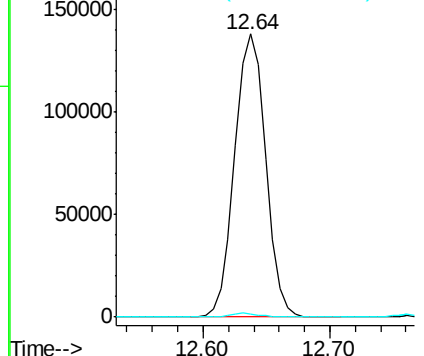
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 113.456 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064376.D

Acq: 26 Nov 2019 11:20

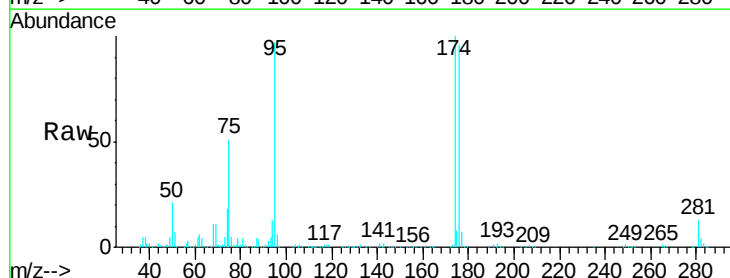
Tgt Ion: 75 Resp: 233751

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 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

