

Data File : VD067760.D
Acq On : 24 Nov 2020 11:07
Operator : VA/SY
Sample : VD1124SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBL01

Quant Time: Nov 25 02:02:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	251925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	389509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	350854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	135528	55.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	110.66%		
35) Dibromofluoromethane	7.91	113	125522	50.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.28%		
50) Toluene-d8	10.34	98	441188	48.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.36%		
62) 4-Bromofluorobenzene	12.64	95	142489	46.00	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.00%		

Target Compounds

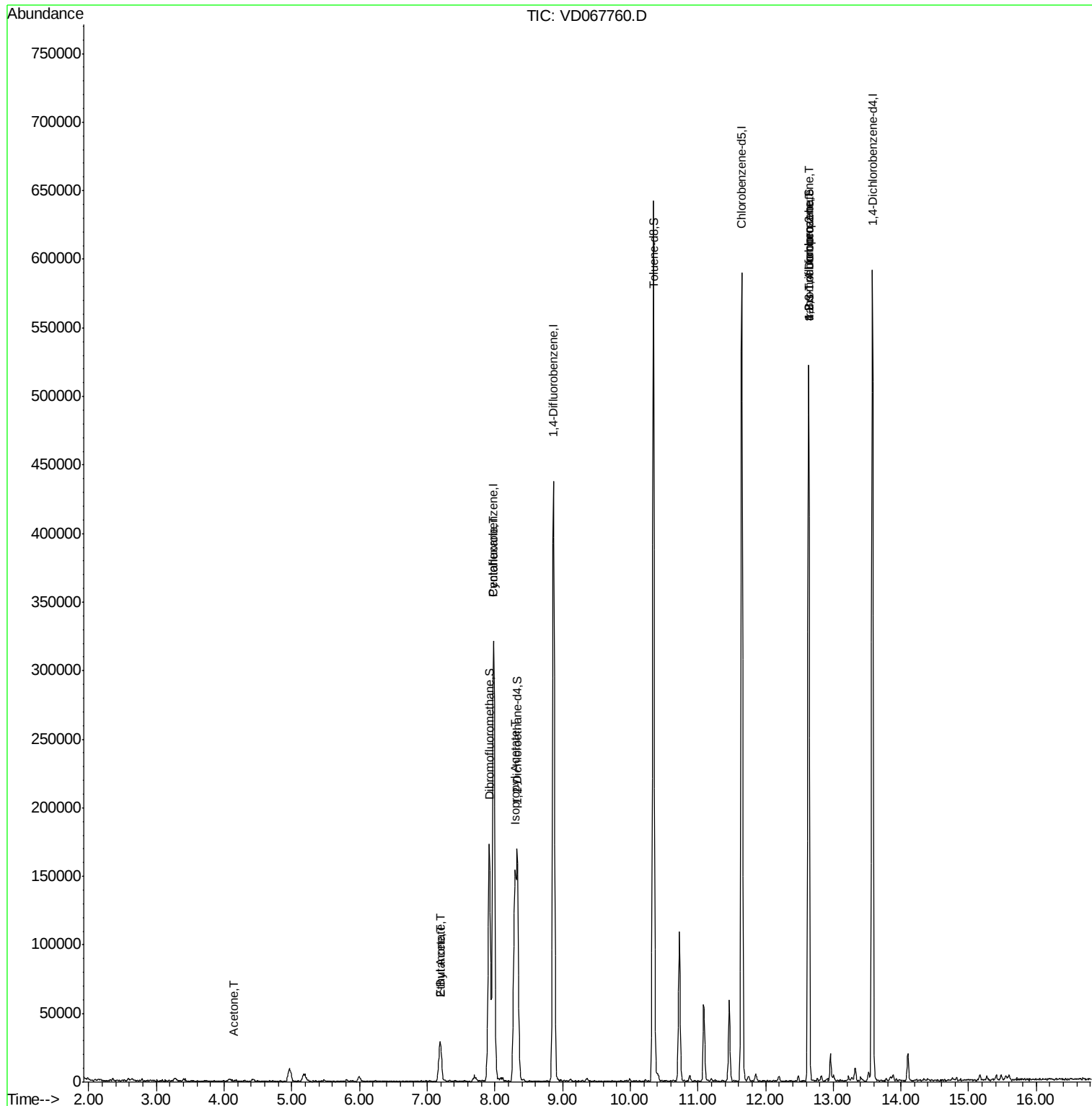
					Qvalue	
11) Tert butyl alcohol	5.18	59	2924	Below Cal	#	87
16) Acetone	4.15	43	806	2.547 ug/l	#	40
20) Methylene Chloride	4.96	84	8057	Below Cal	#	89
25) 2-Butanone	7.20	43	1522	4.286 ug/l	#	37
31) Cyclohexane	7.98	56	5463	1.843 ug/l	#	47
37) Ethyl Acetate	7.20	43	1522	1.693 ug/l	#	20
43) Isopropyl Acetate	8.30	43	2865	1.596 ug/l	#	1
76) 1,2,3-Trichloropropane	12.64	75	75875	65.117 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	75875	152.302 ug/l	#	11

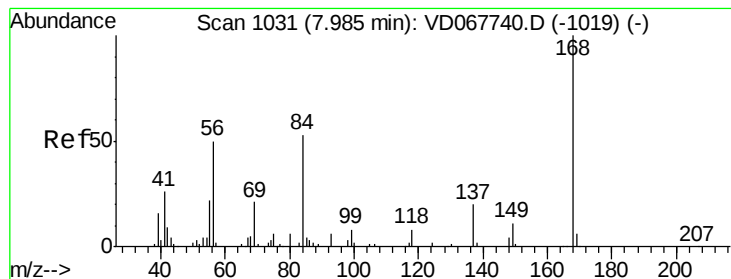
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VD067760.D
Acq On : 24 Nov 2020 11:07
Operator : VA/SY
Sample : VD1124SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBL01

Quant Time: Nov 25 02:02:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
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: VD067760.D

Acq: 24 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

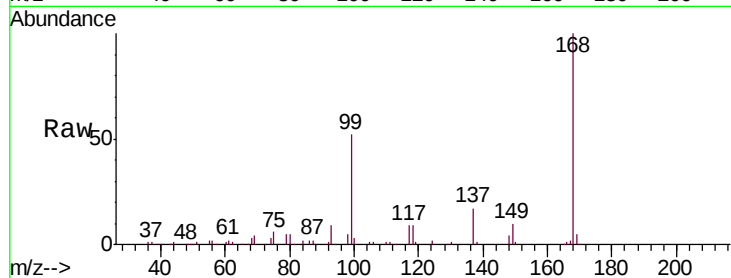
VD1124SBL01

Tgt Ion:168 Resp: 251925

Ion Ratio Lower Upper

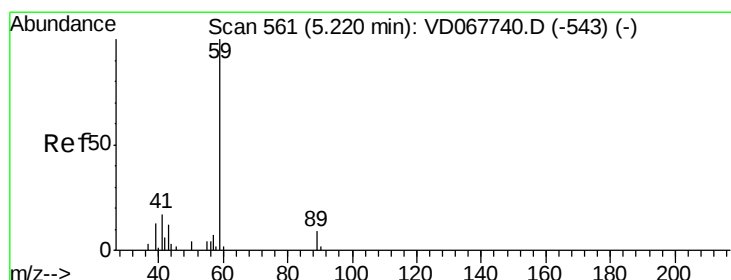
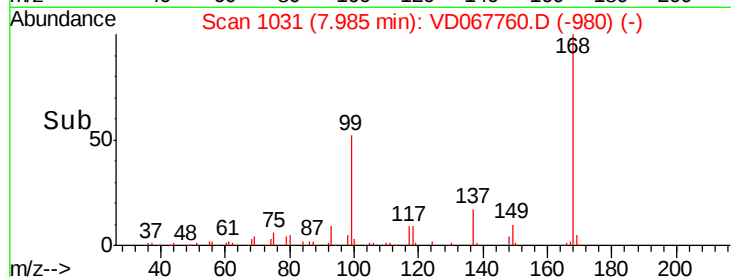
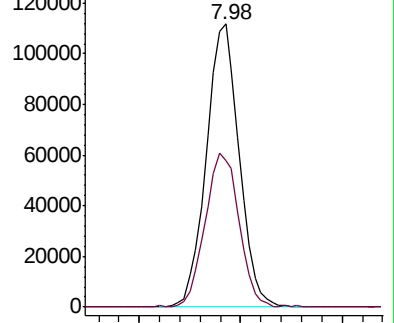
168 100

99 51.4 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 554

Delta R.T. -0.04 min

Lab File: VD067760.D

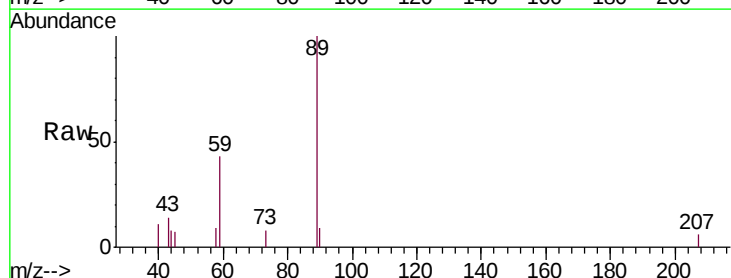
Acq: 24 Nov 2020 11:07

Tgt Ion: 59 Resp: 2924

Ion Ratio Lower Upper

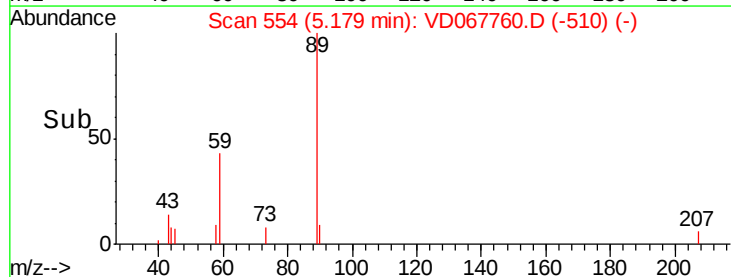
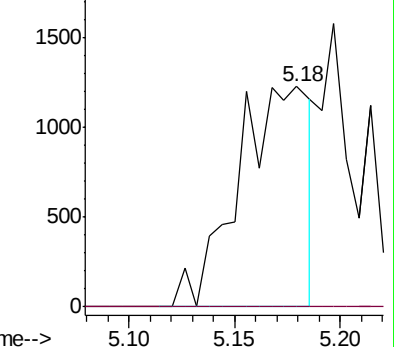
59 100

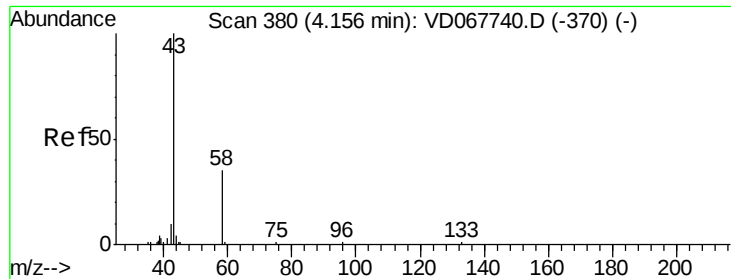
57 0.0 3.4 5.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 2.547 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

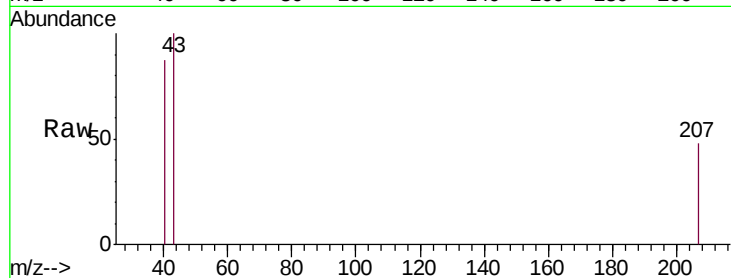
VD1124SBL01

Tgt Ion: 43 Resp: 806

Ion Ratio Lower Upper

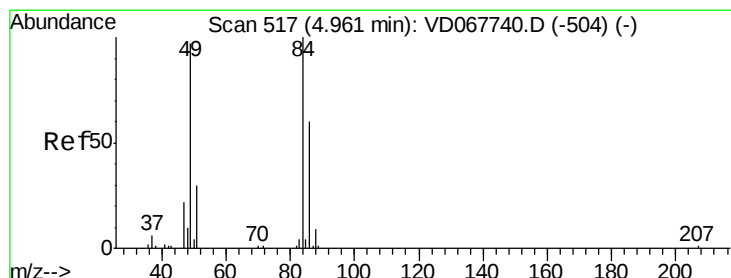
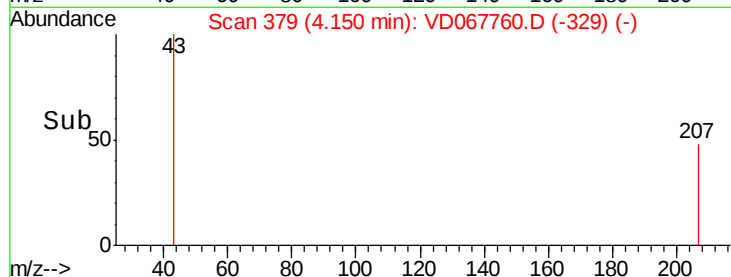
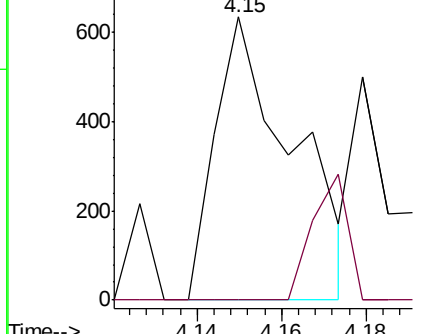
43 100

58 0.0 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

Tgt Ion: 84 Resp: 8057

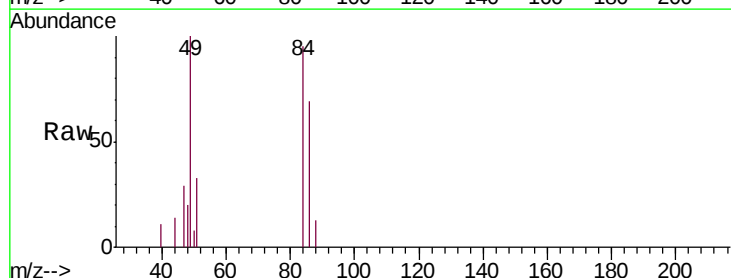
Ion Ratio Lower Upper

84 100

49 105.2 77.4 116.2

51 35.0 24.1 36.1

86 72.5 48.2 72.2#

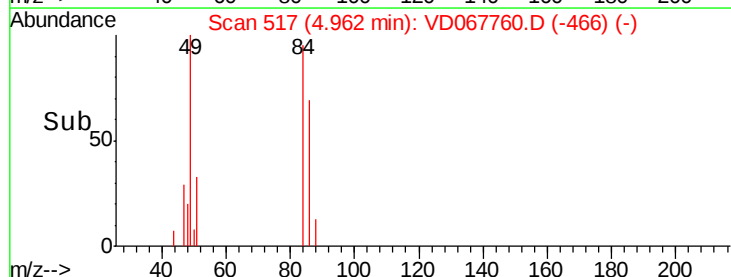
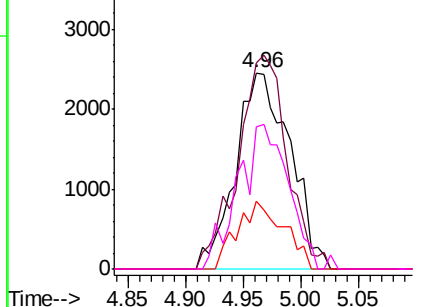


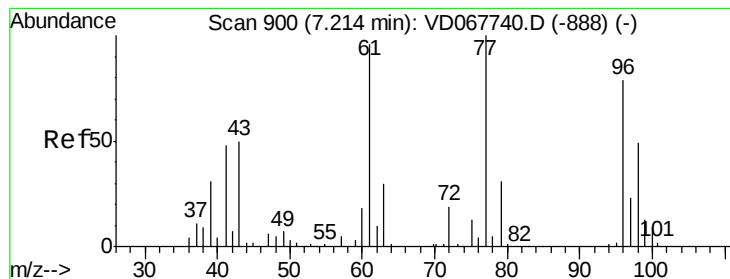
Abundance Ion 83.90 (83.60 to 84.60): VDC

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





#25

2-Butanone

Concen: 4.286 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

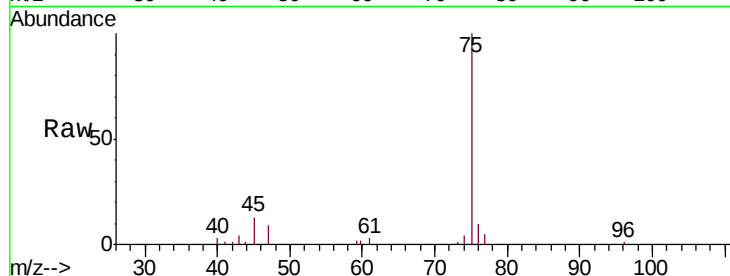
VD1124SBL01

Tgt Ion: 43 Resp: 1522

Ion Ratio Lower Upper

43 100

72 0.0 30.8 46.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

800

600

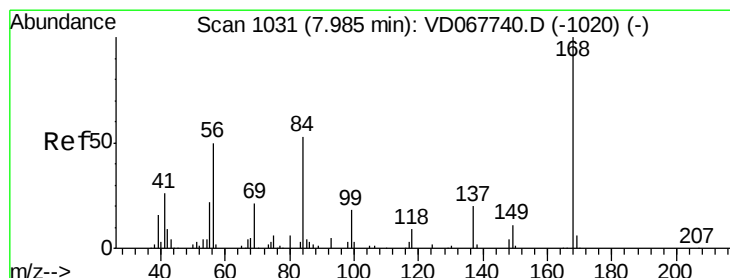
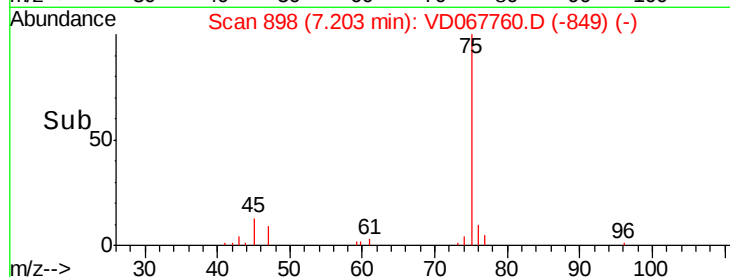
400

200

0

7.15 7.20 7.25

Time-->



#31

Cyclohexane

Concen: 1.843 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

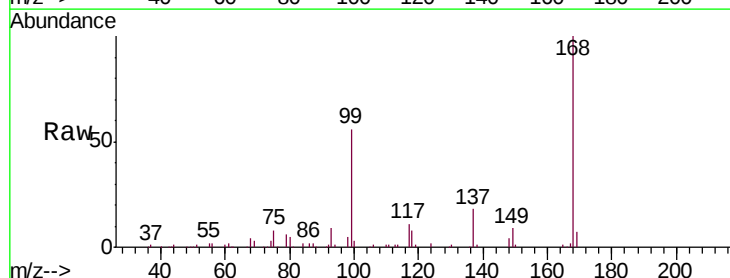
Tgt Ion: 56 Resp: 5463

Ion Ratio Lower Upper

56 100

69 155.5 33.2 49.8#

84 108.7 84.8 127.2



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

6000

5000

4000

3000

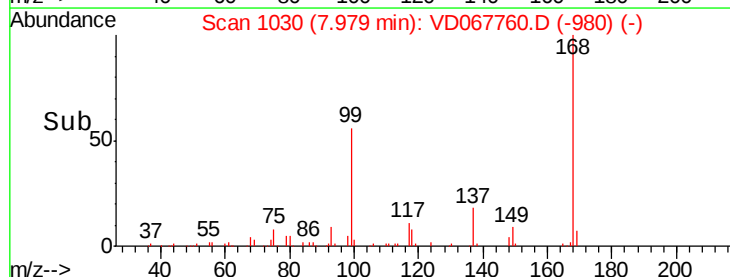
2000

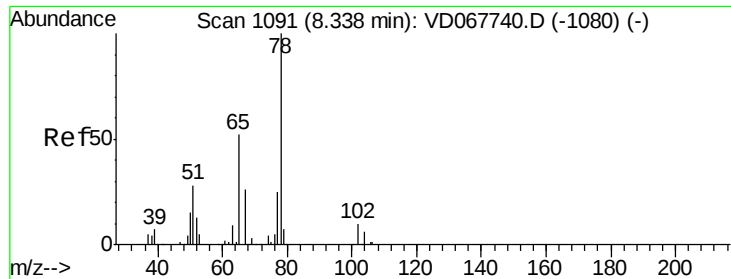
1000

0

7.90 7.95 8.00 8.05

Time-->

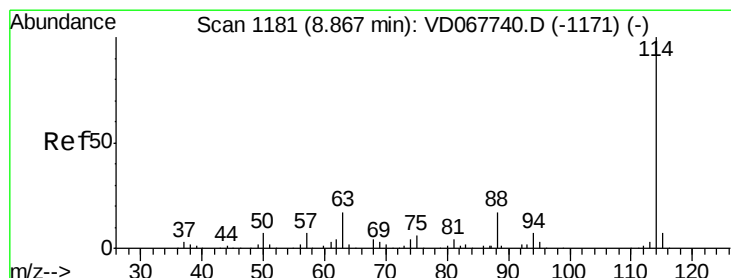
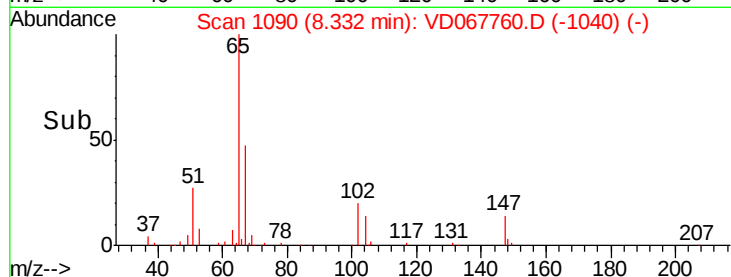
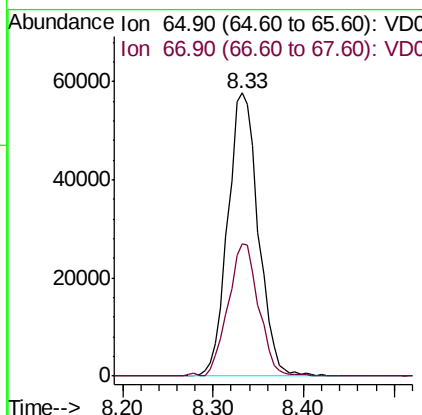
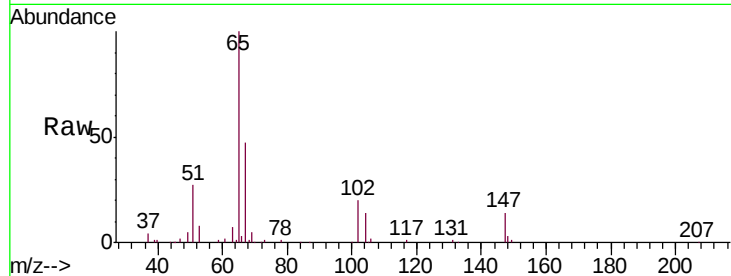




#33
 1,2-Dichloroethane-d4
 Concen: 55.329 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067760.D
 Acq: 24 Nov 2020 11:07

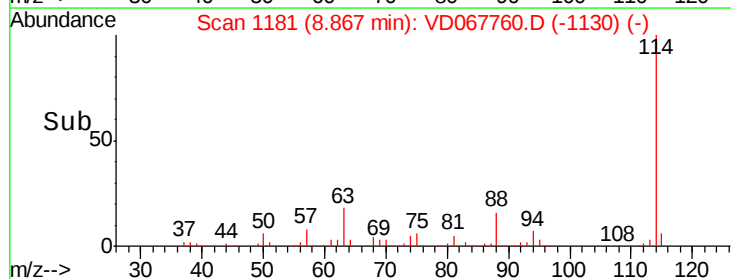
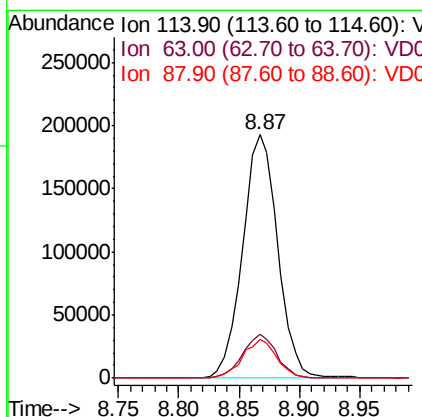
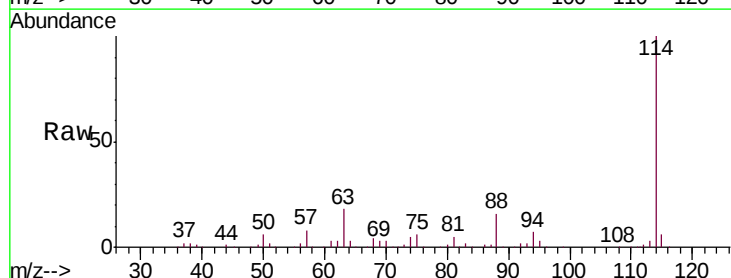
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBL01

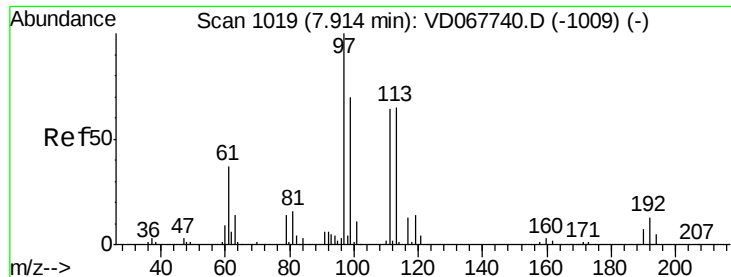
Tgt Ion: 65 Resp: 135528
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067760.D
 Acq: 24 Nov 2020 11:07

Tgt Ion: 114 Resp: 389509
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.8
 88 15.9 0.0 34.4

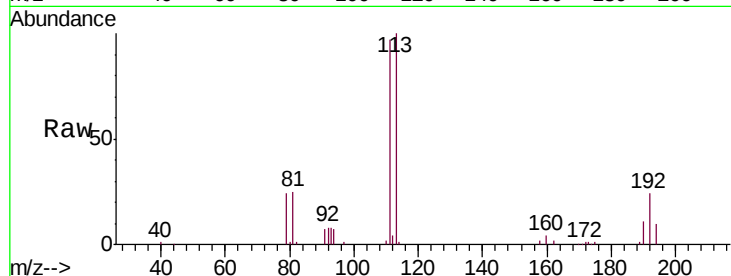




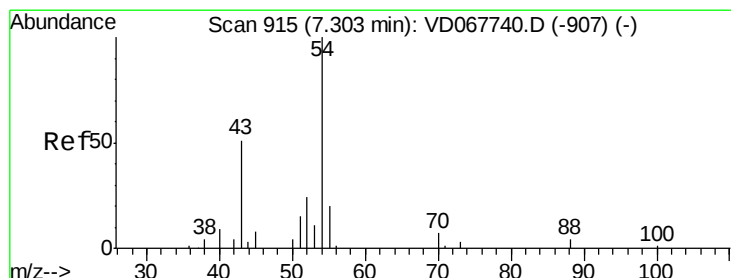
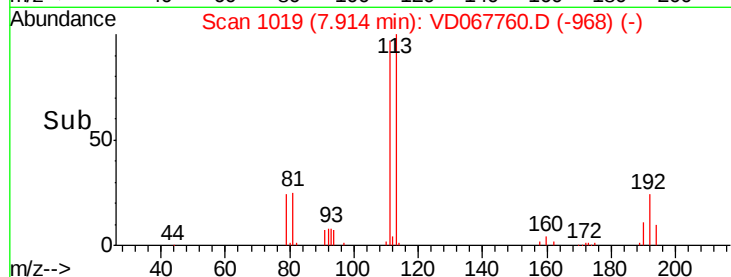
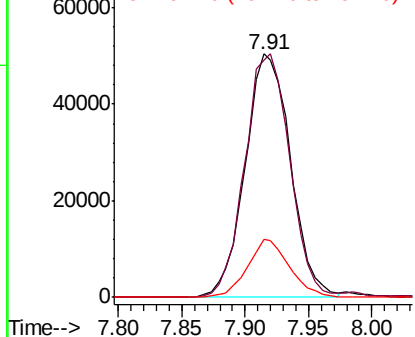
#35
Dibromofluoromethane
Concen: 50.638 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067760.D
Acq: 24 Nov 2020 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBL01

Tgt Ion: 113 Resp: 125522
Ion Ratio Lower Upper
113 100
111 99.2 81.4 122.0
192 21.9 17.0 25.4

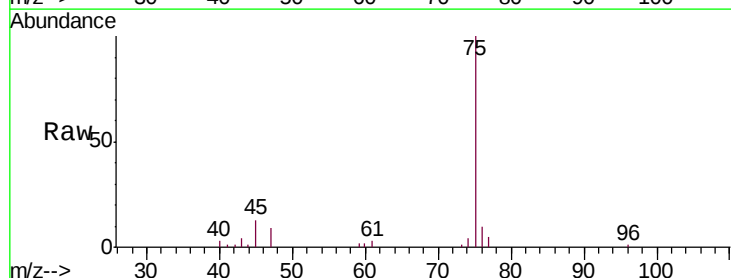


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

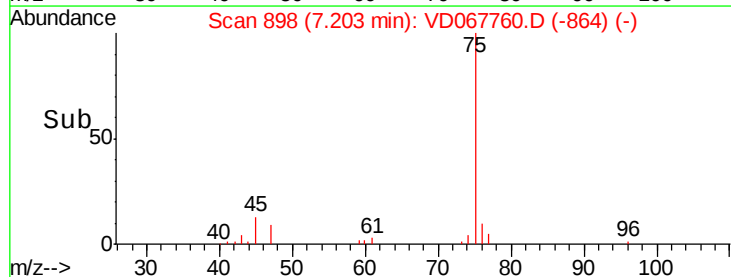
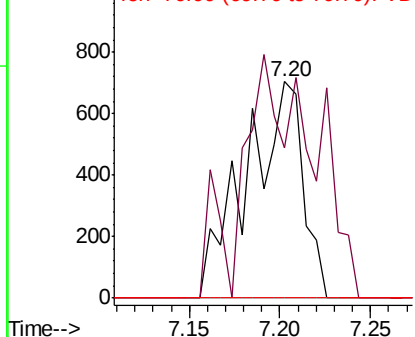


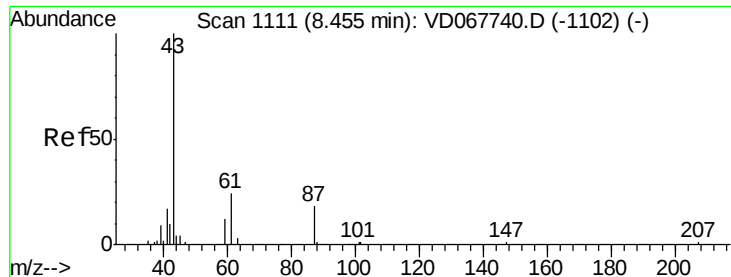
#37
Ethyl Acetate
Concen: 1.693 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.10 min
Lab File: VD067760.D
Acq: 24 Nov 2020 11:07

Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
61 67.4 12.9 19.3#
70 0.0 12.2 18.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC





#43

Isopropyl Acetate

Concen: 1.596 ug/l

RT: 8.30 min Scan# 1085

Delta R.T. -0.15 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBL01

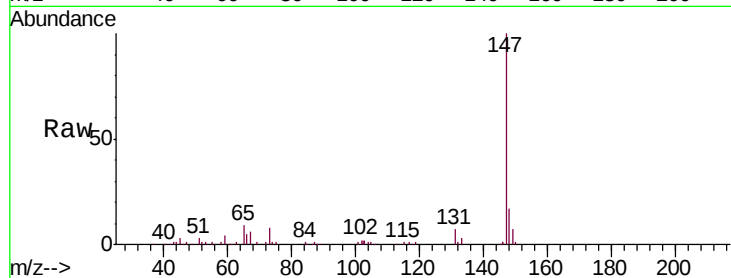
Tgt Ion: 43 Resp: 2865

Ion Ratio Lower Upper

43 100

61 12.2 30.2 45.4#

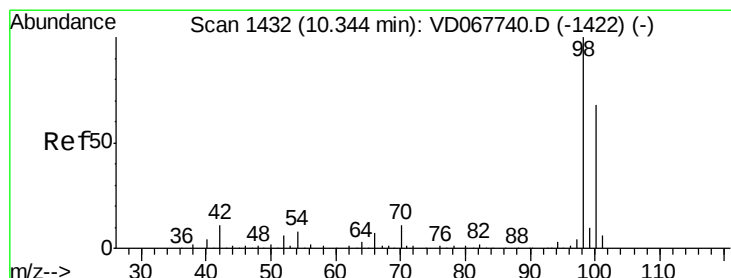
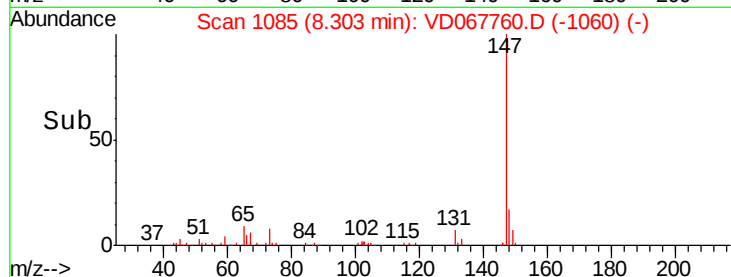
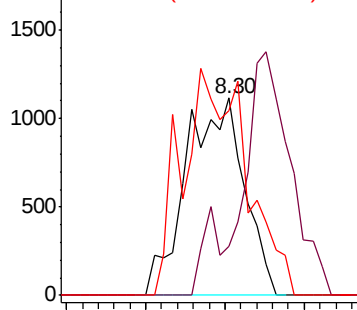
87 125.2 14.2 21.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: 48.681 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067760.D

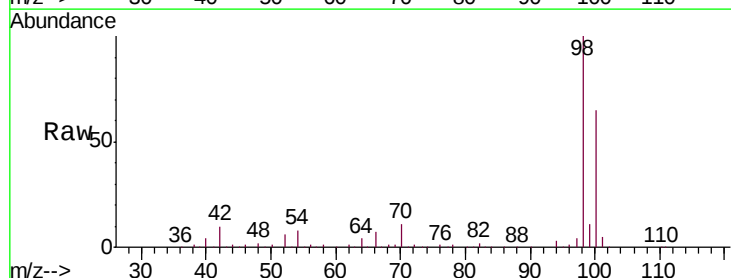
Acq: 24 Nov 2020 11:07

Tgt Ion: 98 Resp: 441188

Ion Ratio Lower Upper

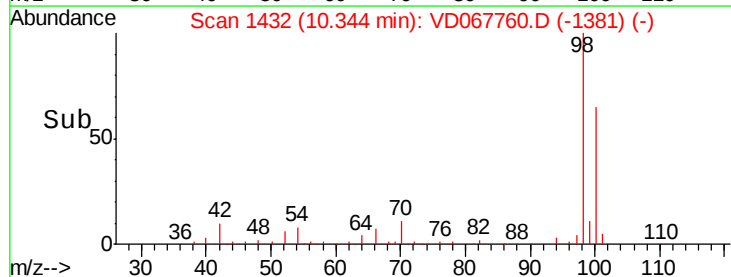
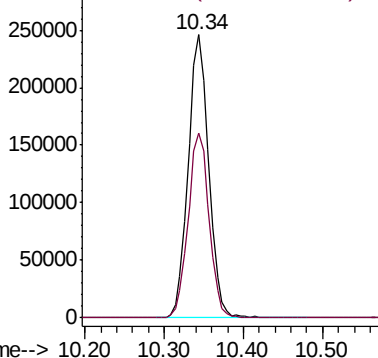
98 100

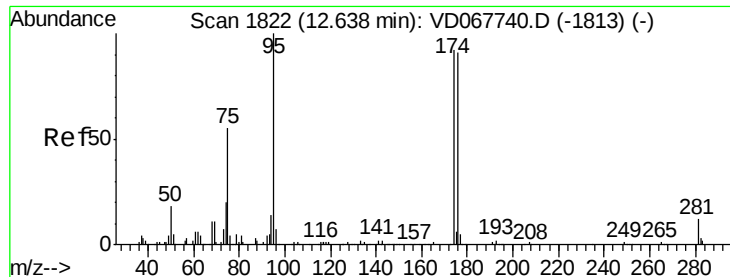
100 66.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

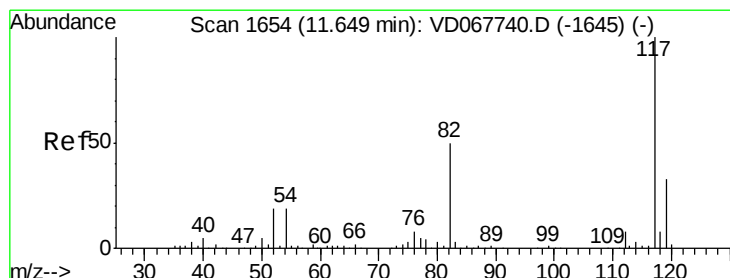
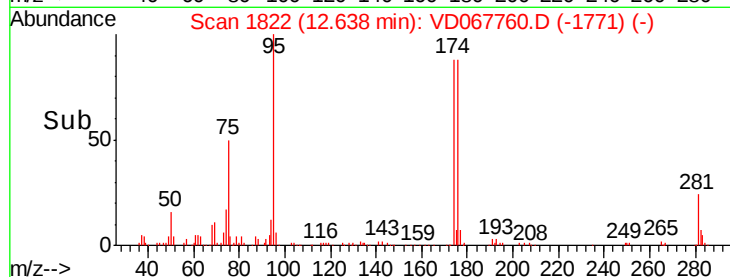
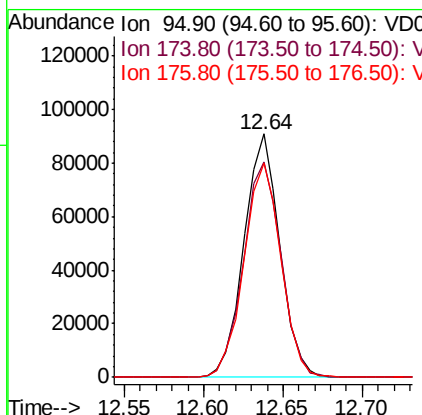
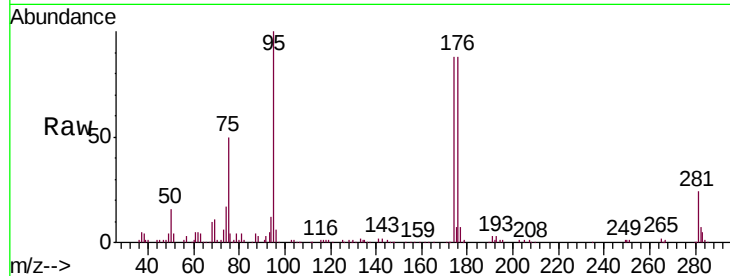




#62
4-Bromofluorobenzene
Concen: 45.998 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067760.D
Acq: 24 Nov 2020 11:07

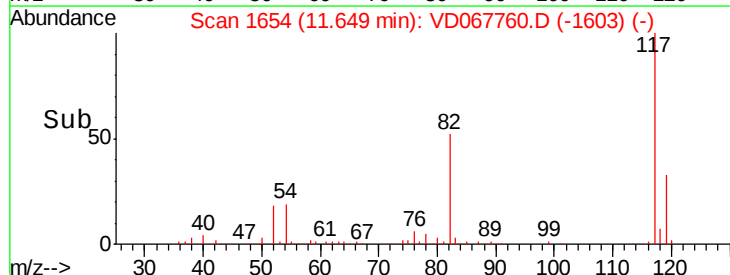
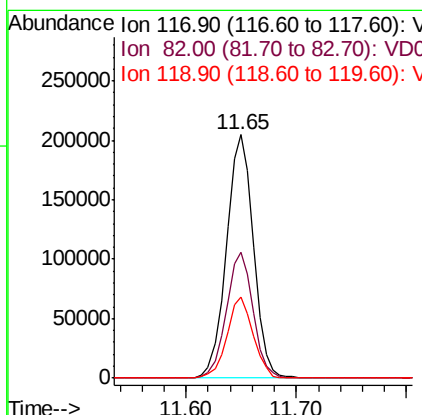
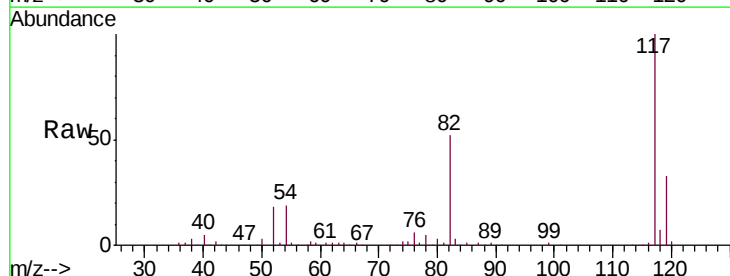
Instrument :
MSVOA_D
ClientSampleId :
VD1124SBL01

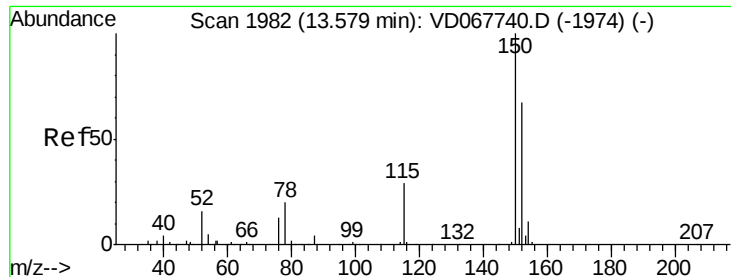
Tgt Ion: 95 Resp: 142489
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.4
176 91.0 0.0 178.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067760.D
Acq: 24 Nov 2020 11:07

Tgt Ion: 117 Resp: 350854
Ion Ratio Lower Upper
117 100
82 51.6 40.2 60.4
119 33.2 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBL01

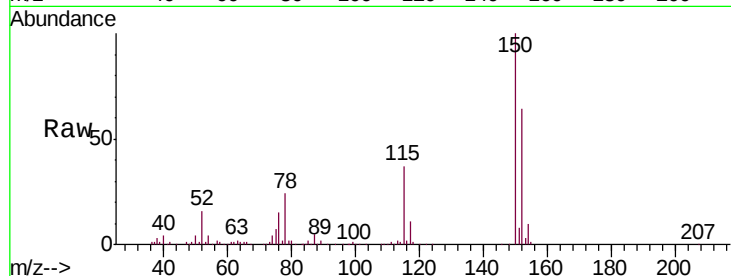
Tgt Ion:152 Resp: 167188

Ion Ratio Lower Upper

152 100

115 57.6 29.4 88.3

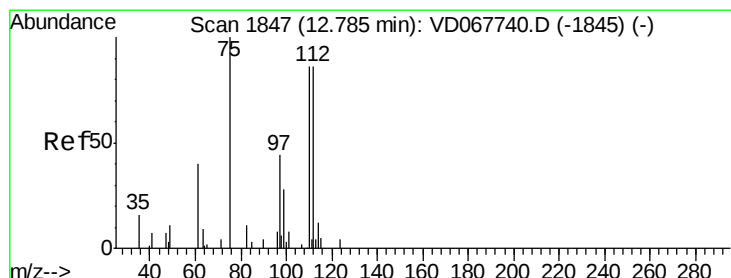
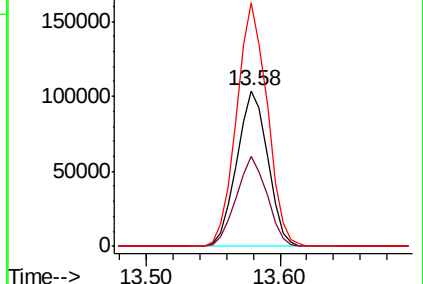
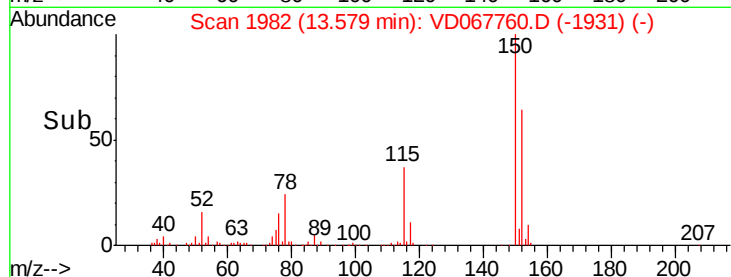
150 154.6 0.0 340.6



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: 65.117 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067760.D

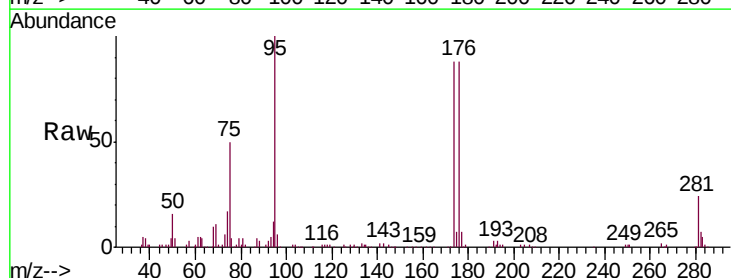
Acq: 24 Nov 2020 11:07

Tgt Ion: 75 Resp: 75875

Ion Ratio Lower Upper

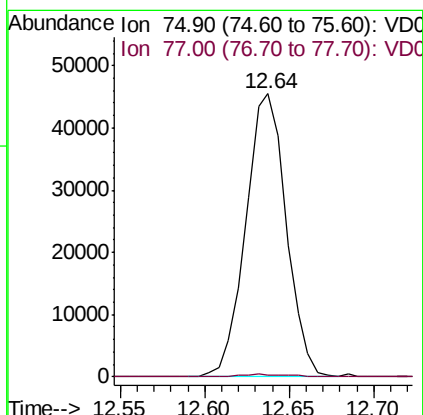
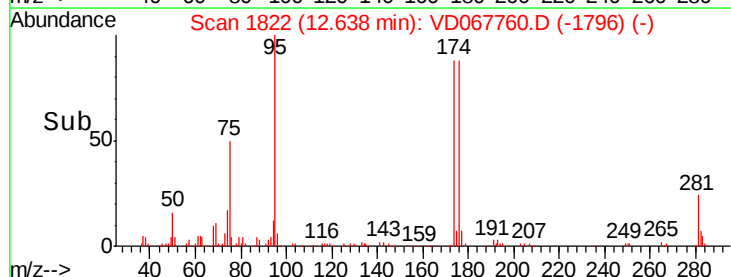
75 100

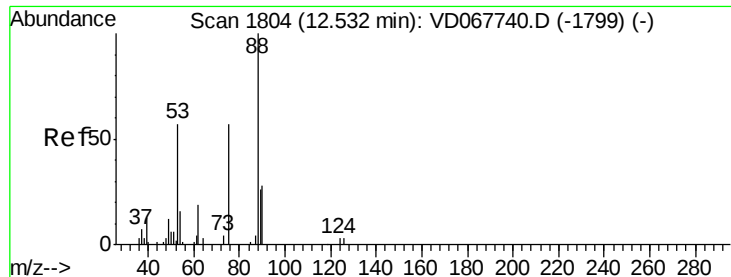
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 152.302 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067760.D

Acq: 24 Nov 2020 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1124SBL01

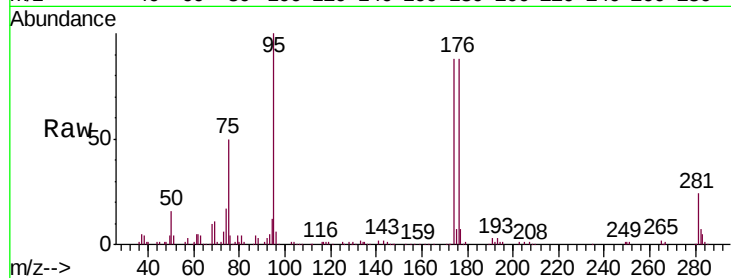
Tgt Ion: 75 Resp: 75875

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.1 40.2 60.4#



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

