

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067782.D
 Acq On : 25 Nov 2020 12:55
 Operator : VA/SY
 Sample : VD1125SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBL01

Quant Time: Nov 26 00:23:35 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	233791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	364052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	332942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	130820	57.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.10%
35) Dibromofluoromethane	7.91	113	119554	51.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.20%
50) Toluene-d8	10.34	98	423440	49.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.98%
62) 4-Bromofluorobenzene	12.64	95	136012	46.98	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.96%

Target Compounds

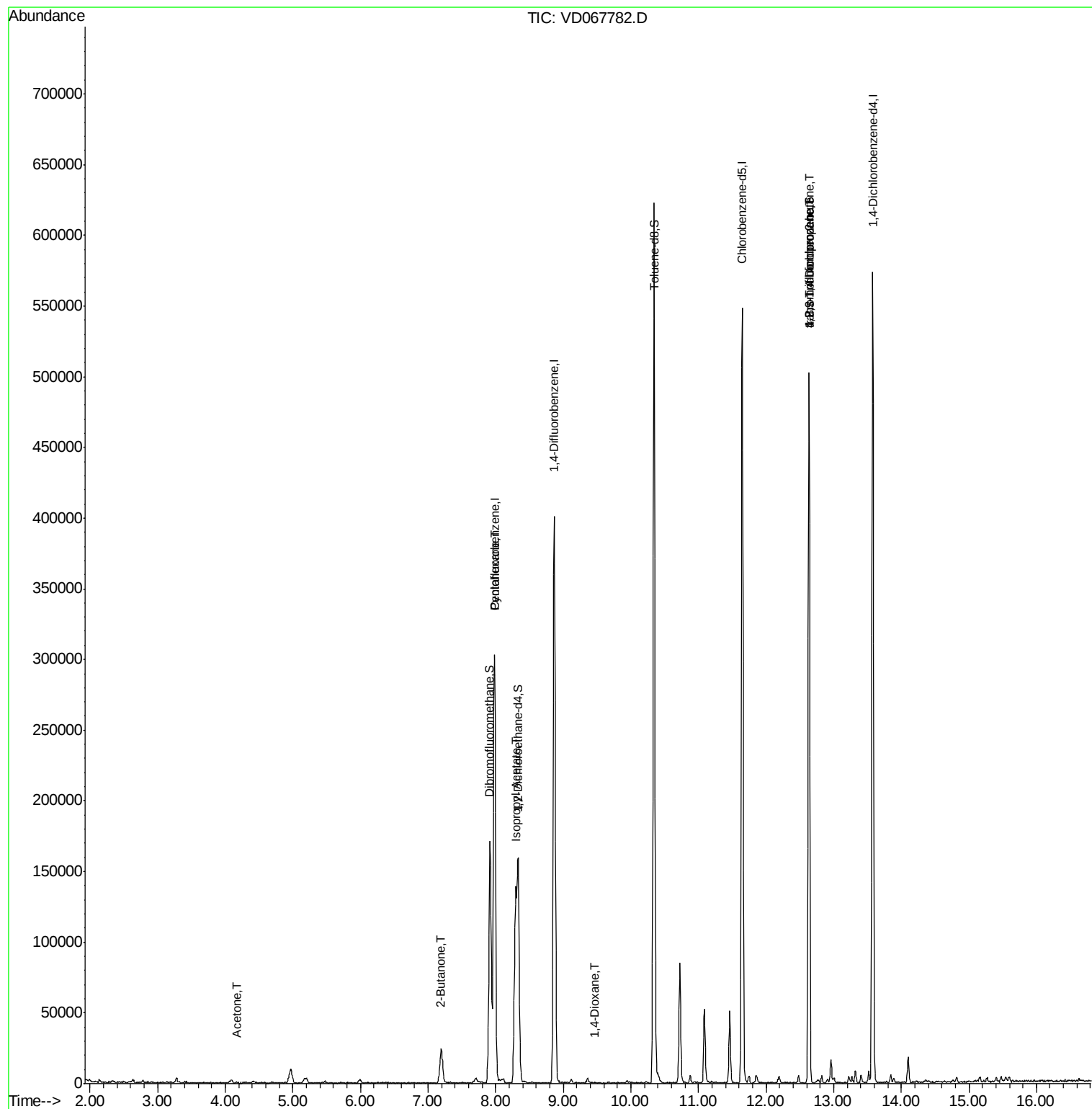
					Qvalue	
11) Tert butyl alcohol	5.17	59	2534	Below Cal	#	87
16) Acetone	4.16	43	1196	4.073	ug/l #	40
20) Methylene Chloride	4.96	84	4573	Below Cal		90
25) 2-Butanone	7.18	43	641	1.945	ug/l #	37
31) Cyclohexane	7.98	56	5715	2.078	ug/l #	51
43) Isopropyl Acetate	8.30	43	2900	1.729	ug/l #	1
49) 1,4-Dioxane	9.47	88	86	6.621	ug/l #	28
76) 1,2,3-Trichloropropane	12.64	75	73729	67.726	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	73729	158.406	ug/l #	11

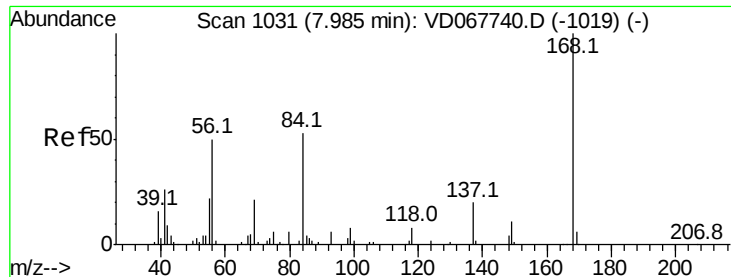
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112520\
Data File : VD067782.D
Acq On : 25 Nov 2020 12:55
Operator : VA/SY
Sample : VD1125SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBL01

Quant Time: Nov 26 00:23:35 2020
Quant Method : Z:\V0ASRV\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: VD067782.D

Acq: 25 Nov 2020 12:55

Instrument :

MSVOA_D

ClientSampleId :

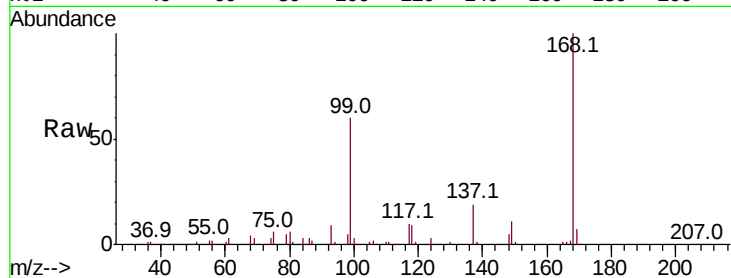
VD1125SBL01

Tot Ion:168 Resp: 233791

Ion Ratio Lower Upper

168 100

99 59.6 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

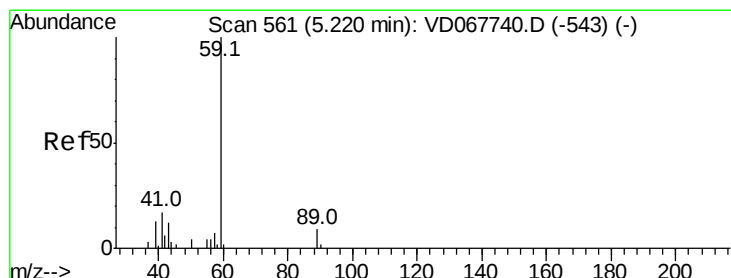
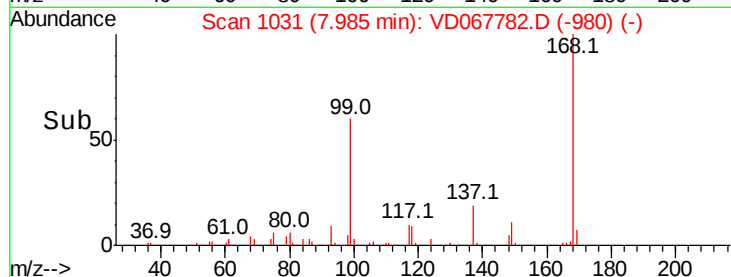
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 553

Delta R.T. -0.05 min

Lab File: VD067782.D

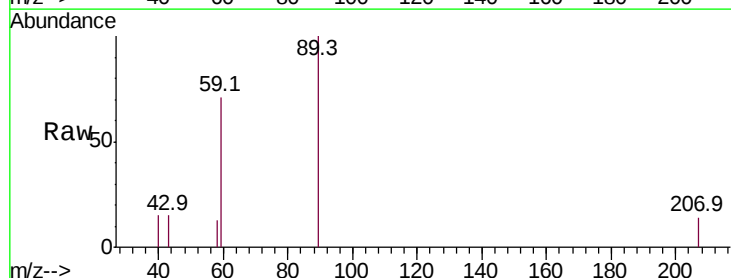
Acq: 25 Nov 2020 12:55

Tgt Ion: 59 Resp: 2534

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

5.17

1200

1000

800

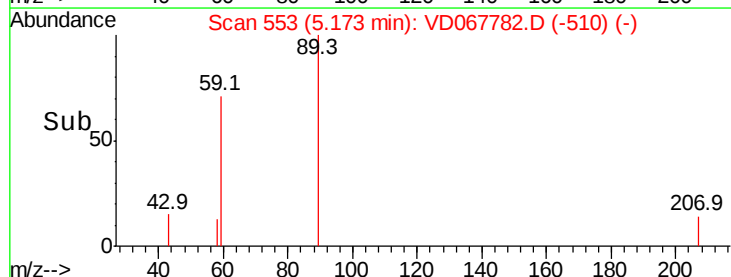
600

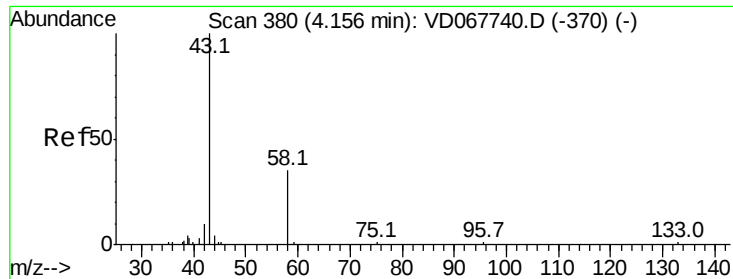
400

200

0

Time-->





#16

Acetone

Concen: 4.073 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067782.D

Acq: 25 Nov 2020 12:55

Instrument :

MSVOA_D

ClientSampleId :

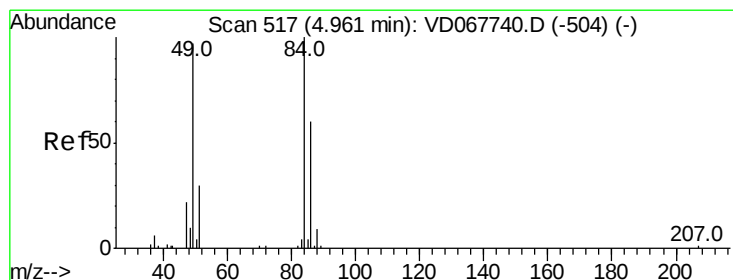
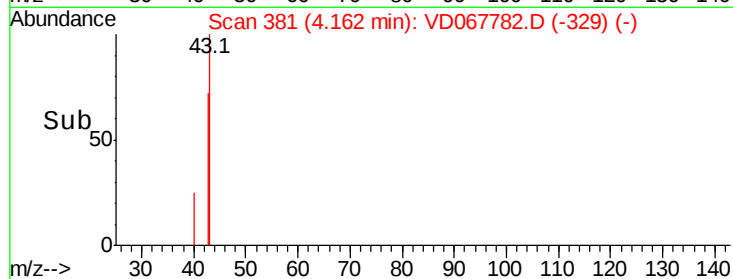
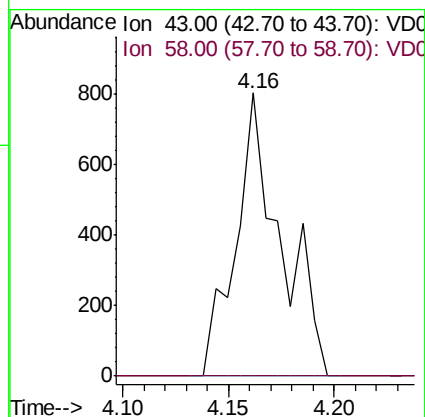
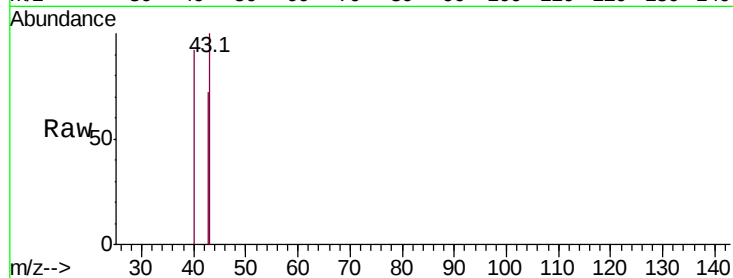
VD1125SBL01

Tot Ion: 43 Resp: 1196

Ion Ratio Lower Upper

43 100

58 0.0 27.6 41.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD067782.D

Acq: 25 Nov 2020 12:55

Tgt Ion: 84 Resp: 4573

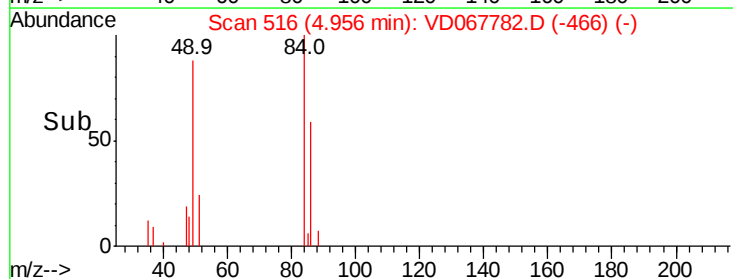
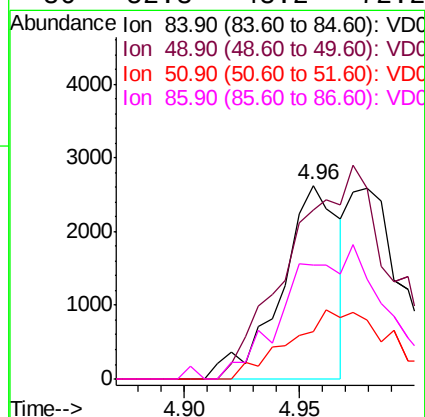
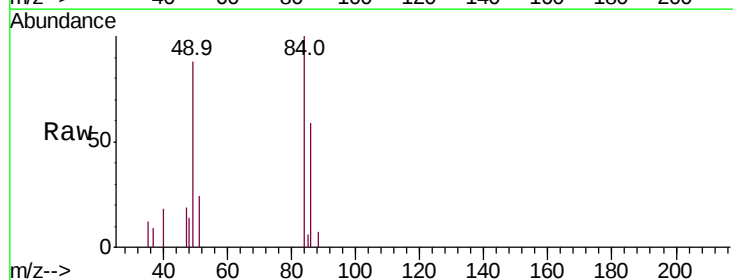
Ion Ratio Lower Upper

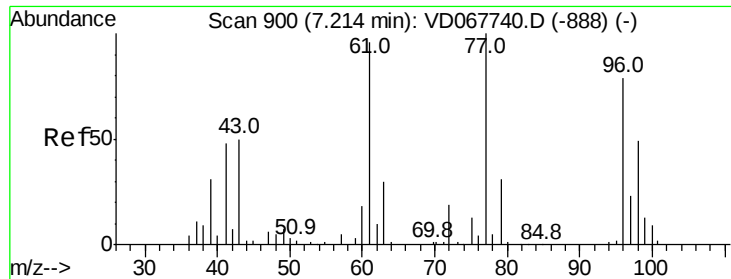
84 100

49 87.5 77.4 116.2

51 24.4 24.1 36.1

86 52.3 48.2 72.2

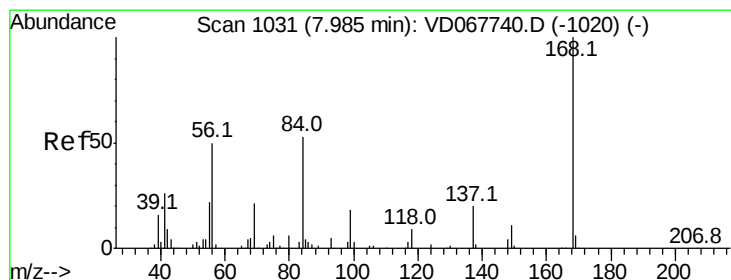
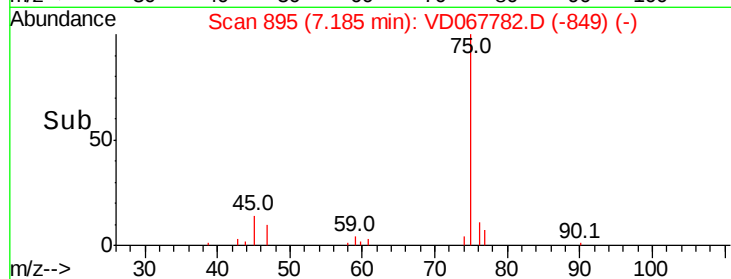
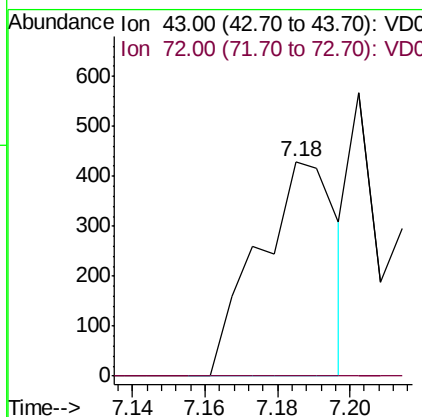
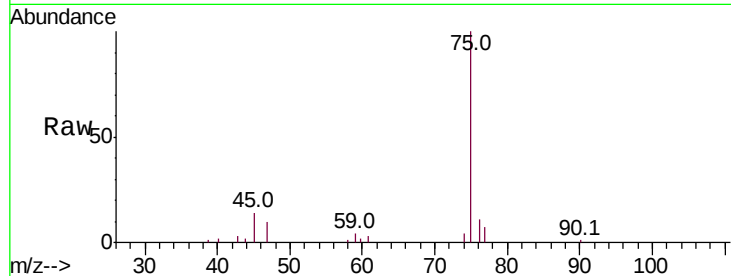




#25
2-Butanone
Concen: 1.945 ug/l
RT: 7.18 min Scan# 895
Delta R.T. -0.03 min
Lab File: VD067782.D
Acq: 25 Nov 2020 12:55

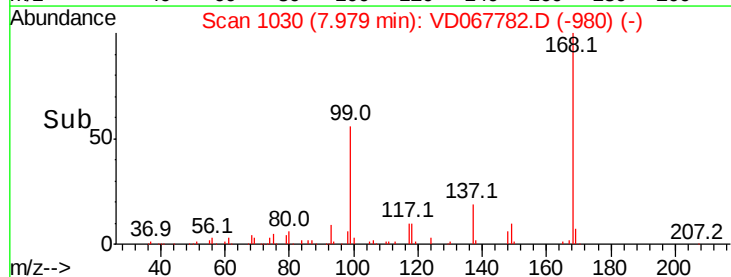
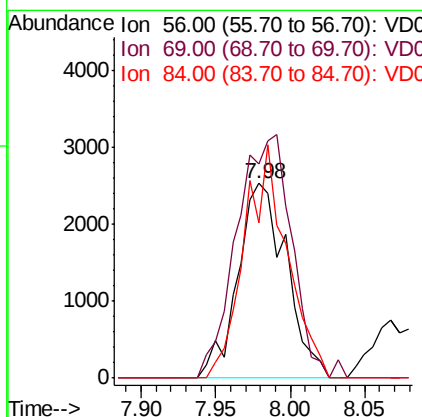
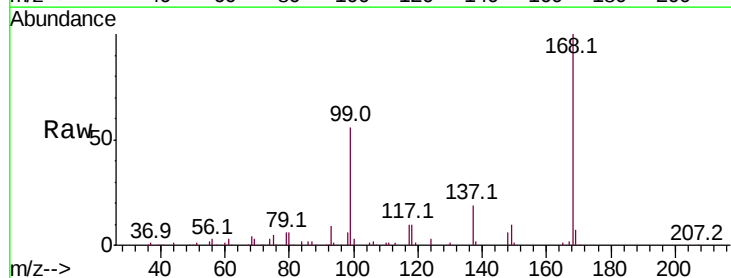
Instrument :
MSVOA_D
ClientSampleId :
VD1125SBL01

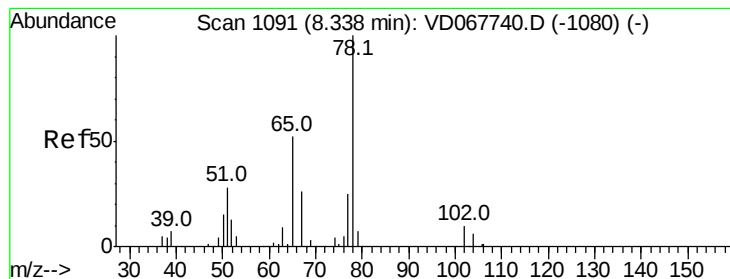
Tot Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
72 0.0 30.8 46.2#



#31
Cyclohexane
Concen: 2.078 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067782.D
Acq: 25 Nov 2020 12:55

Tgt Ion: 56 Resp: 5715
Ion Ratio Lower Upper
56 100
69 109.8 33.2 49.8#
84 80.0 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 57.549 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067782.D

Acq: 25 Nov 2020 12:55

Instrument :

MSVOA_D

ClientSampleId :

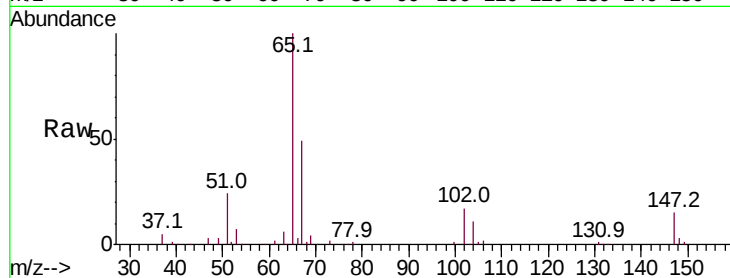
VD1125SBL01

Tot Ion: 65 Resp: 130820

Ion Ratio Lower Upper

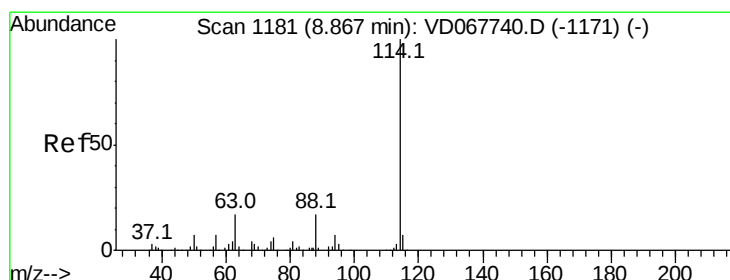
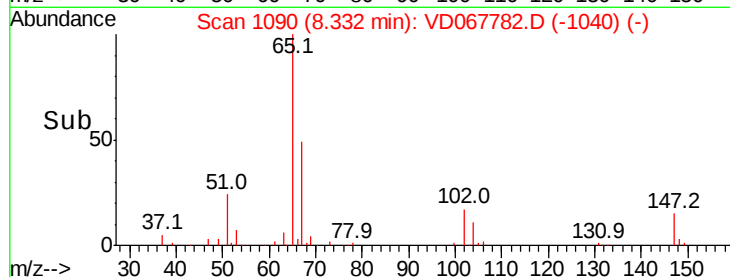
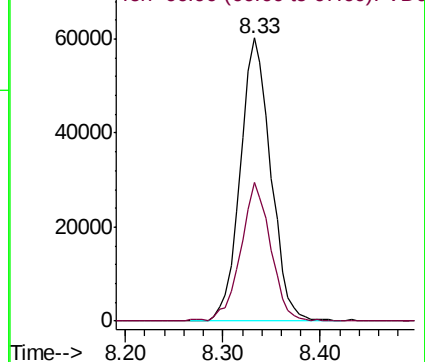
65 100

67 47.8 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067782.D

Acq: 25 Nov 2020 12:55

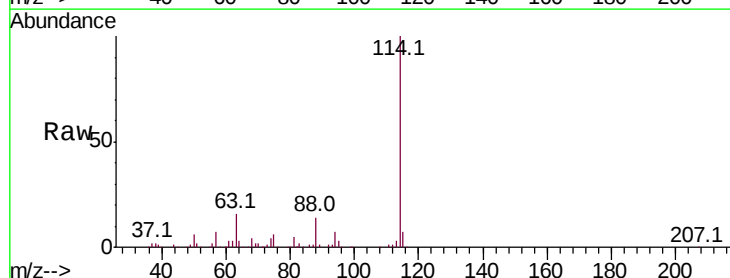
Tgt Ion: 114 Resp: 364052

Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.8

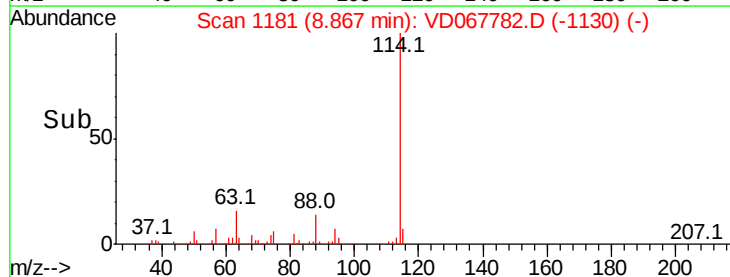
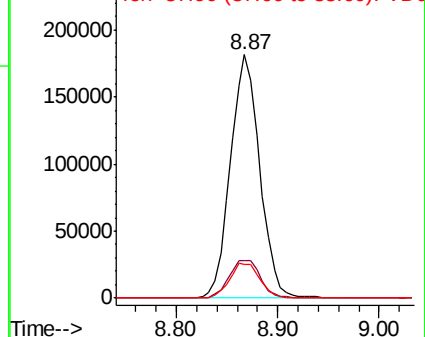
88 14.0 0.0 34.4

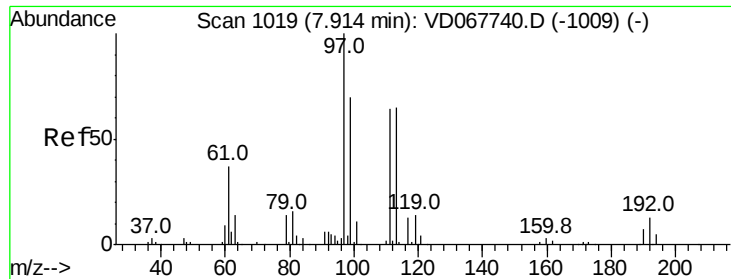


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

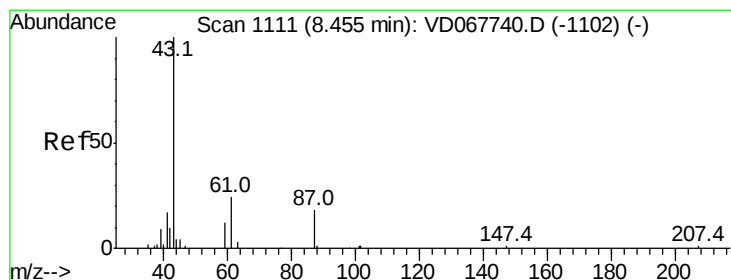
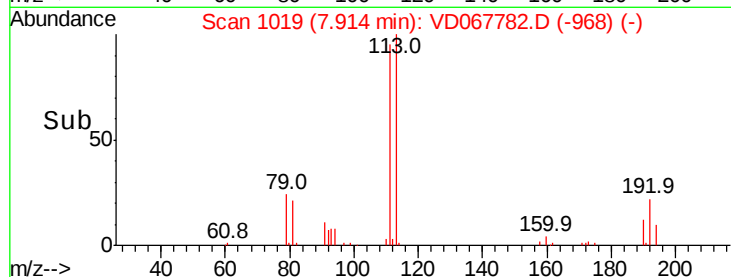
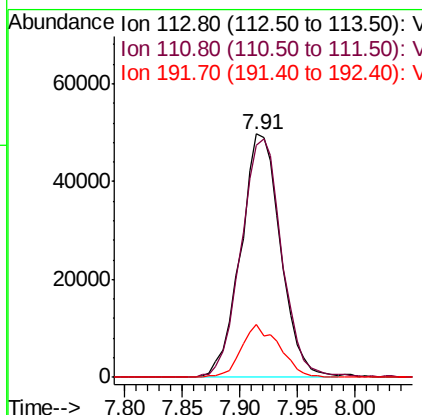
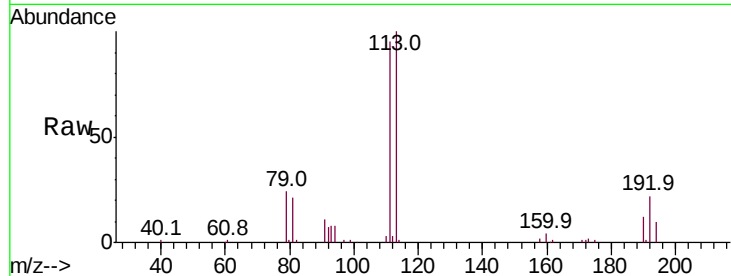




#35
 Dibromofluoromethane
 Concen: 51.603 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067782.D
 Acq: 25 Nov 2020 12:55

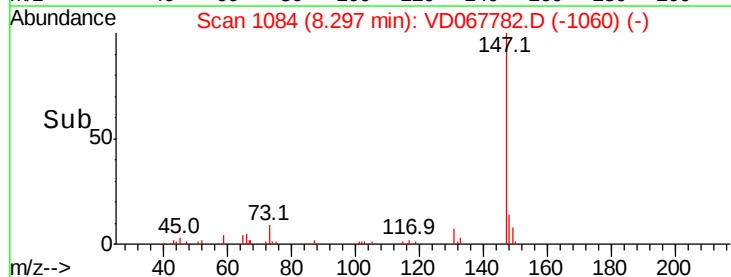
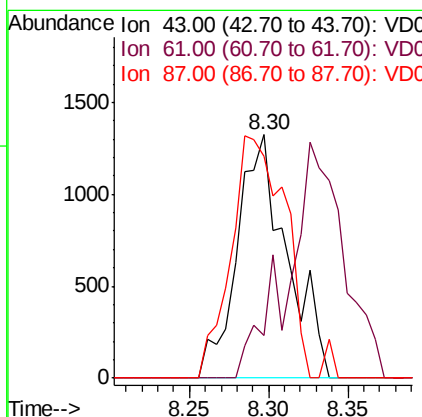
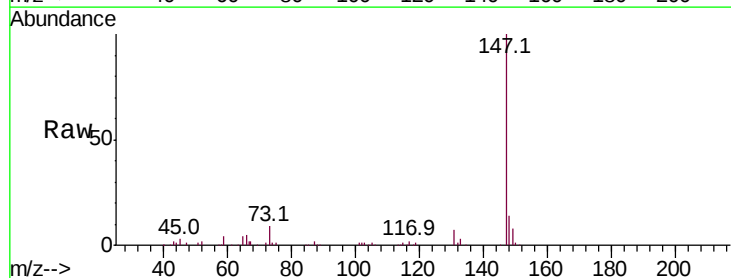
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBL01

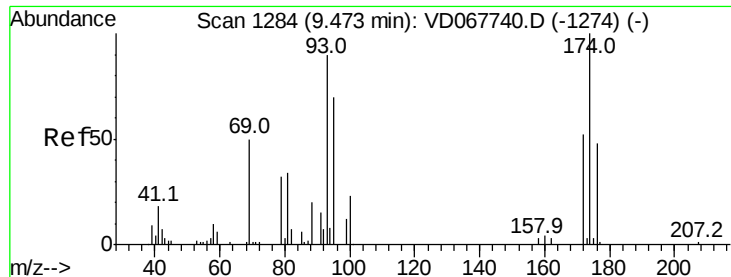
Tot Ion:113 Resp: 119554
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.4 122.0
 192 20.7 17.0 25.4



#43
 Isopropyl Acetate
 Concen: 1.729 ug/l
 RT: 8.30 min Scan# 1084
 Delta R.T. -0.16 min
 Lab File: VD067782.D
 Acq: 25 Nov 2020 12:55

Tgt Ion: 43 Resp: 2900
 Ion Ratio Lower Upper
 43 100
 61 0.0 30.2 45.4#
 87 107.3 14.2 21.4#





#49

1,4-Dioxane

Concen: 6.621 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD067782.D

Acq: 25 Nov 2020 12:55

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBL01

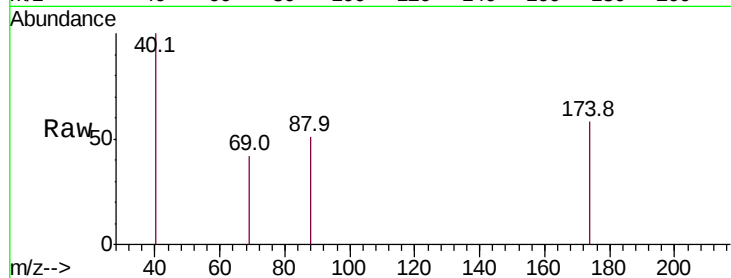
Tot Ion: 88 Resp: 86

Ion Ratio Lower Upper

88 100

43 0.0 25.2 37.8#

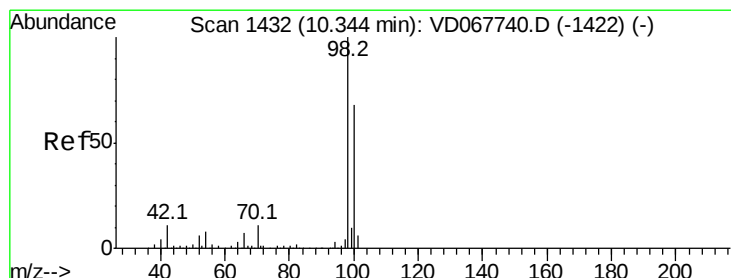
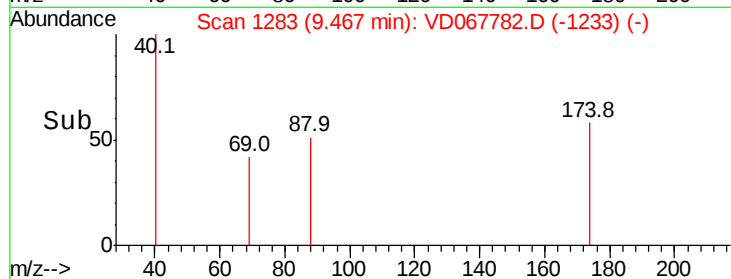
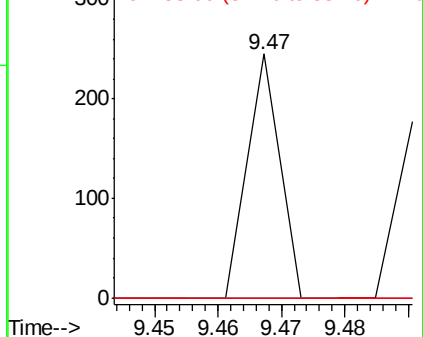
58 0.0 48.2 72.2#



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: 49.990 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067782.D

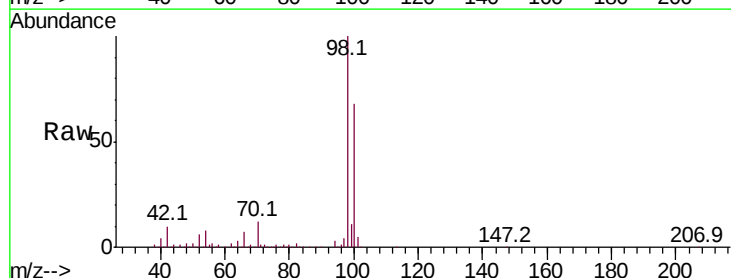
Acq: 25 Nov 2020 12:55

Tgt Ion: 98 Resp: 423440

Ion Ratio Lower Upper

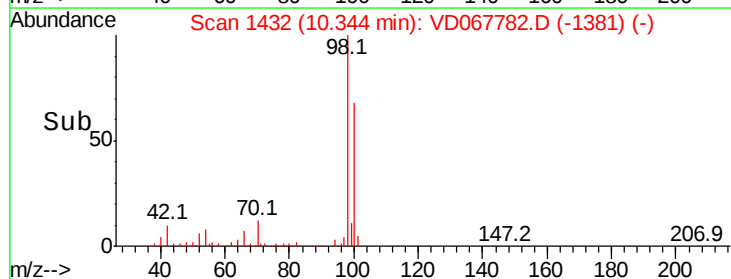
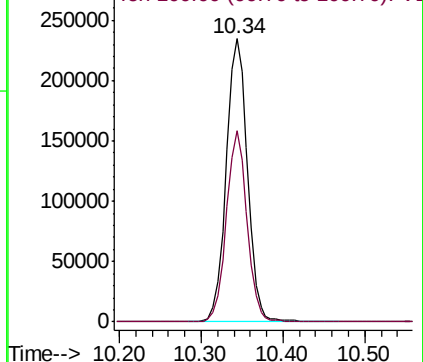
98 100

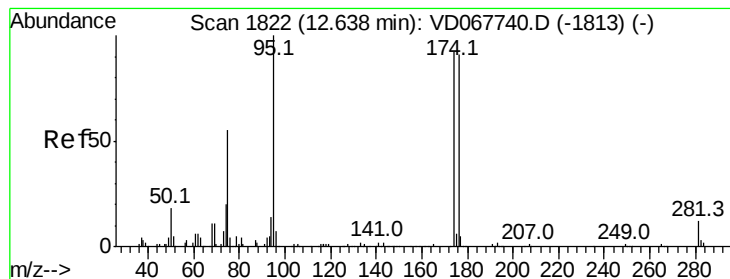
100 65.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 46.978 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067782.D

Acq: 25 Nov 2020 12:55

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBL01

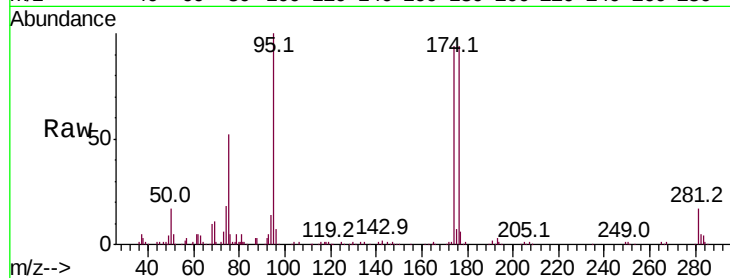
Tot Ion: 95 Resp: 136012

Ion Ratio Lower Upper

95 100

174 95.5 0.0 182.4

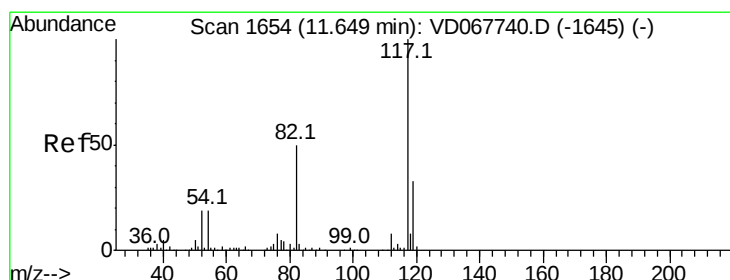
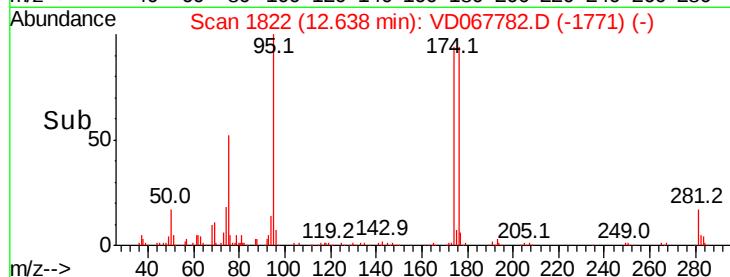
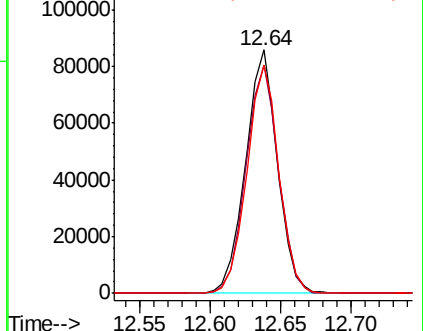
176 94.0 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067782.D

Acq: 25 Nov 2020 12:55

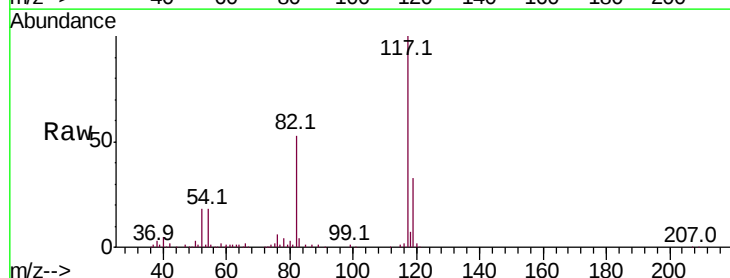
Tgt Ion: 117 Resp: 332942

Ion Ratio Lower Upper

117 100

82 53.2 40.2 60.4

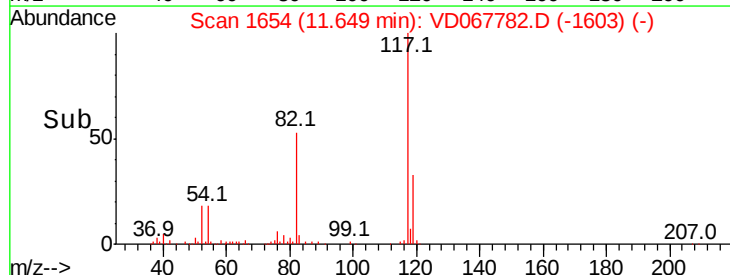
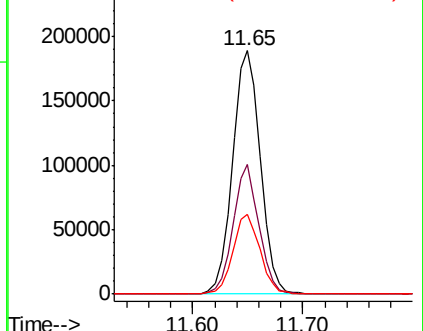
119 32.8 26.5 39.7

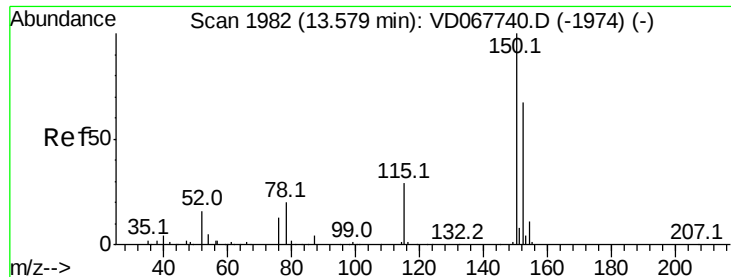


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1982

Delta R.T. 0.00 min

Lab File: VD067782.D

Acq: 25 Nov 2020 12:55

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBL01

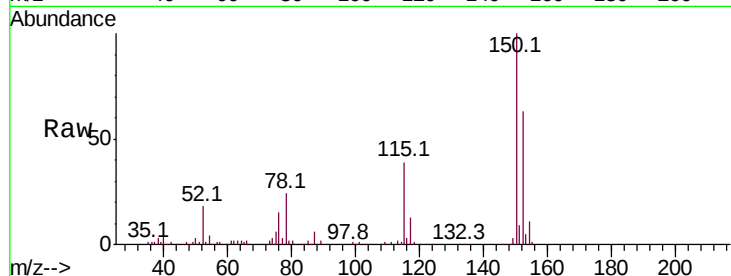
Tot Ion:152 Resp: 156200

Ion Ratio Lower Upper

152 100

115 59.1 29.4 88.3

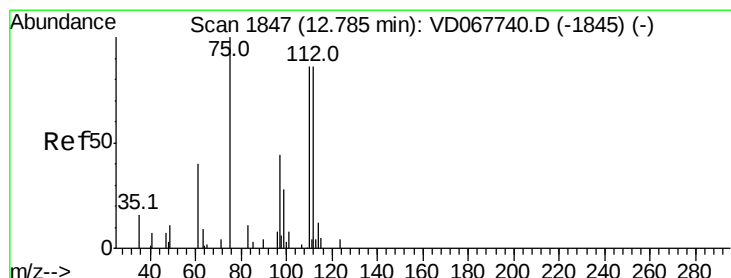
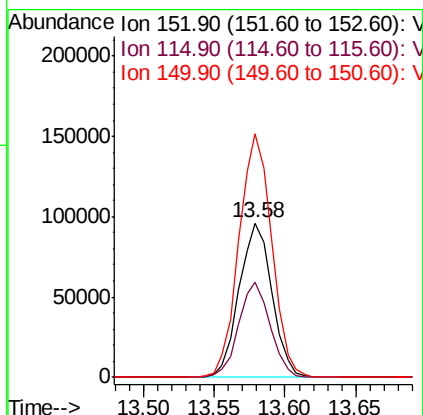
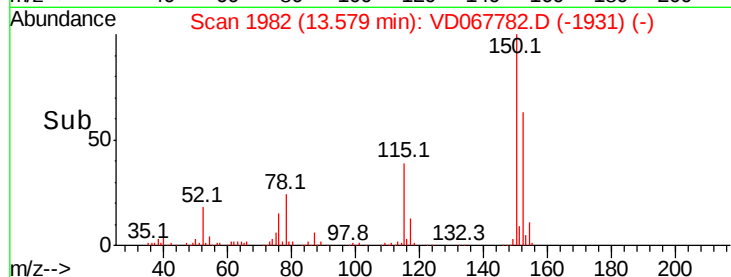
150 157.9 0.0 340.6



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: 67.726 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067782.D

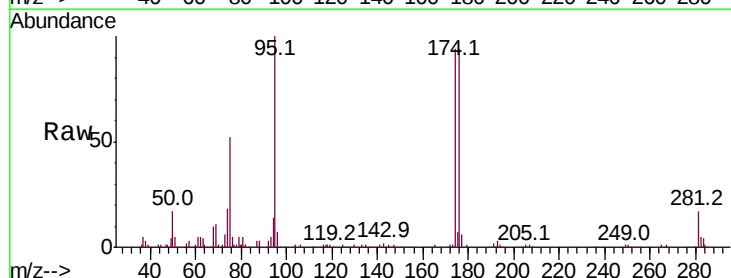
Acq: 25 Nov 2020 12:55

Tgt Ion: 75 Resp: 73729

Ion Ratio Lower Upper

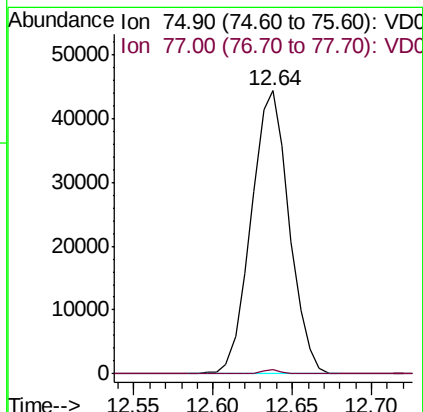
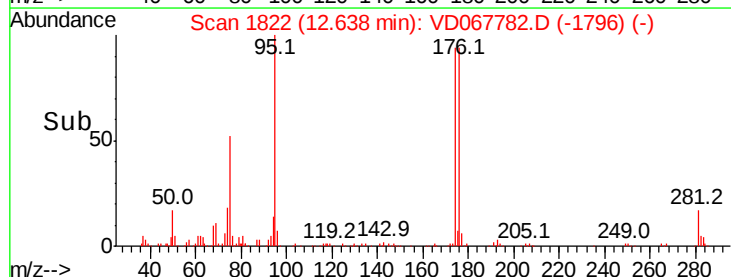
75 100

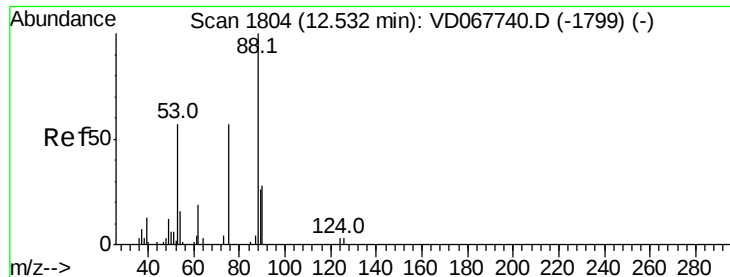
77 0.7 0.0 0.0#



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: 158.406 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067782.D

Acq: 25 Nov 2020 12:55

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBL01

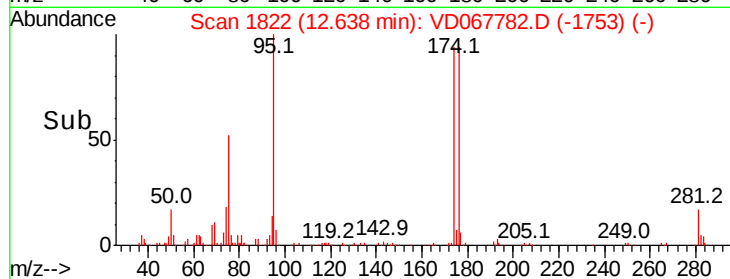
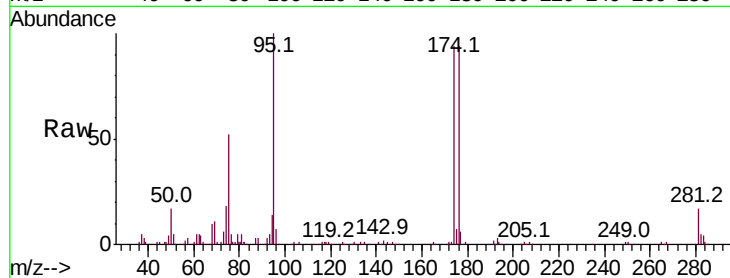
Tot Ion: 75 Resp: 73729

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

