

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067275.D
 Acq On : 15 Oct 2020 11:18
 Operator : VA/SY
 Sample : VD1015SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBL01

Quant Time: Oct 16 01:00:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

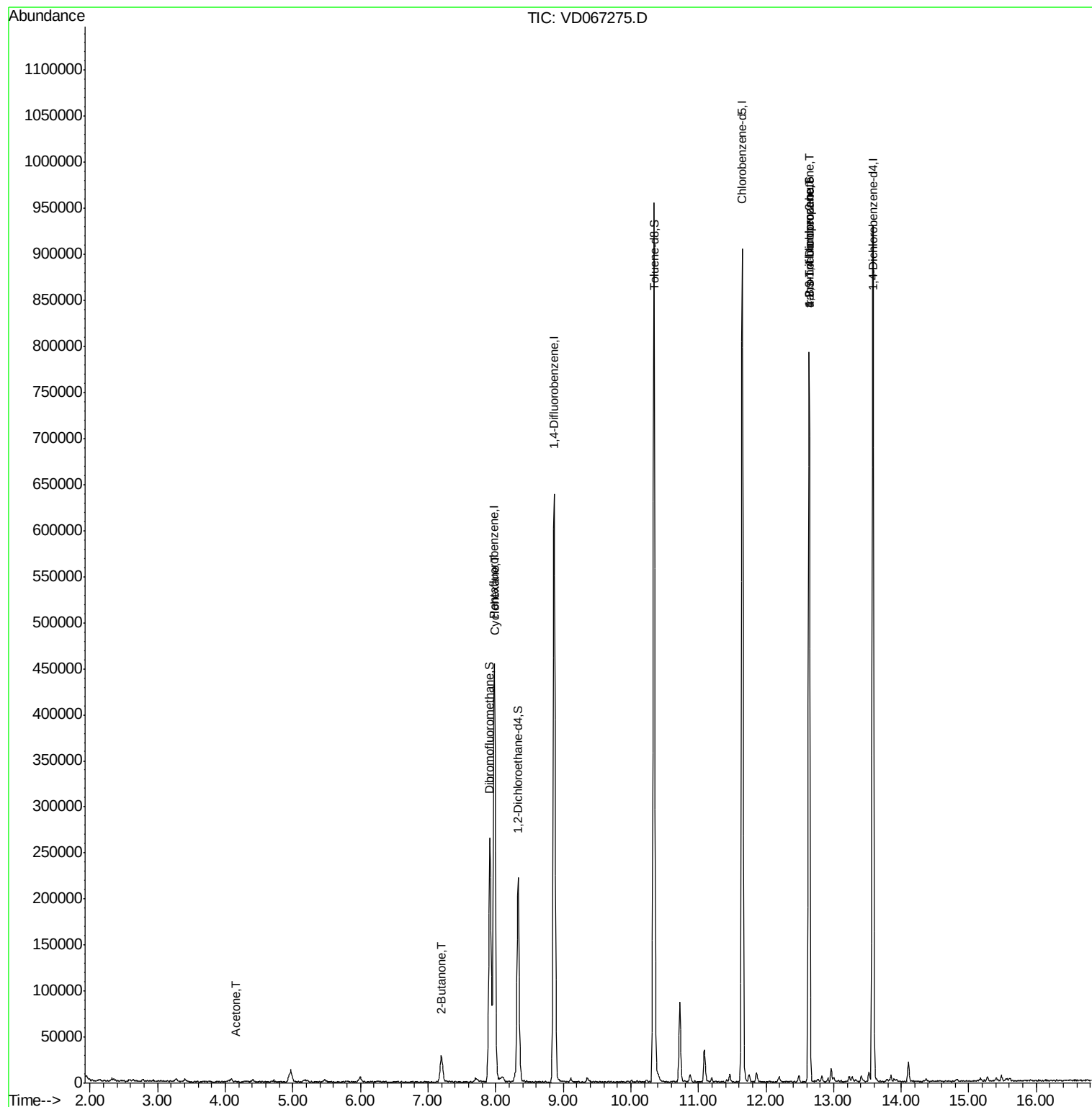
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	339387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	566720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	543156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	263124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	182912	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
35) Dibromofluoromethane	7.91	113	189206	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.34	98	670705	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.64	95	231996	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1130	Below Cal		99
5) Bromomethane	2.78	94	1220	Below Cal		99
11) Tert butyl alcohol	5.18	59	674	Below Cal	#	81
16) Acetone	4.16	43	1625	3.412 ug/l		99
20) Methylene Chloride	4.97	84	9818	Below Cal	#	92
25) 2-Butanone	7.21	43	1467	2.703 ug/l	#	45
31) Cyclohexane	7.99	56	8869	2.265 ug/l	#	60
76) 1,2,3-Trichloropropane	12.64	75	121599	66.677 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	121599	151.204 ug/l	#	10

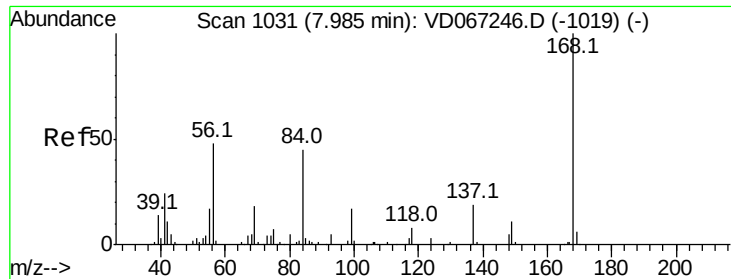
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101520\
Data File : VD067275.D
Acq On : 15 Oct 2020 11:18
Operator : VA/SY
Sample : VD1015SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1015SBL01

Quant Time: Oct 16 01:00:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 14 03:30:30 2020
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: VD067275.D

Acq: 15 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

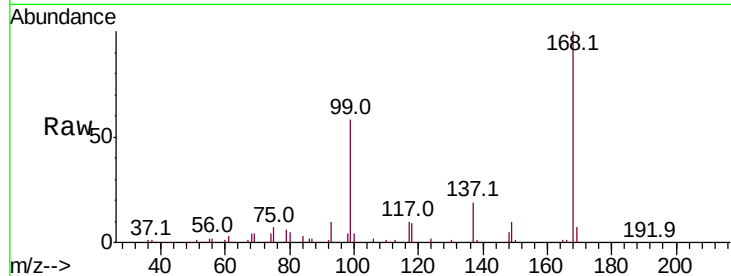
VD1015SBL01

Tot Ion:168 Resp: 339387

Ion Ratio Lower Upper

168 100

99 57.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

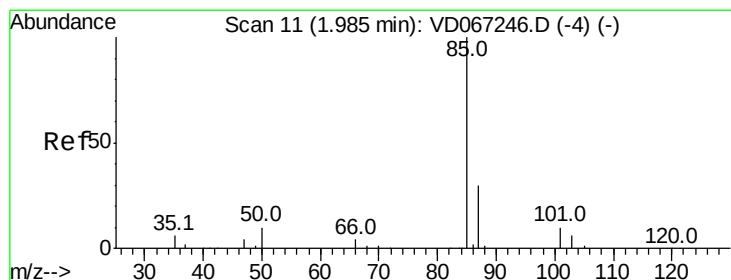
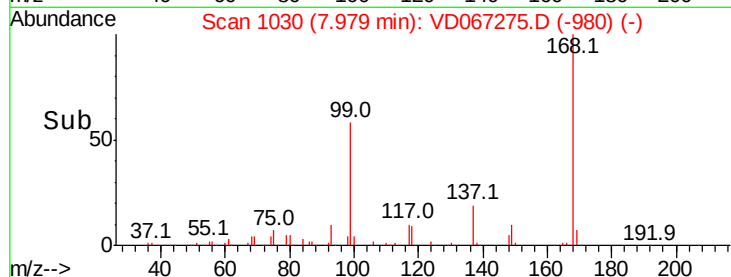
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067275.D

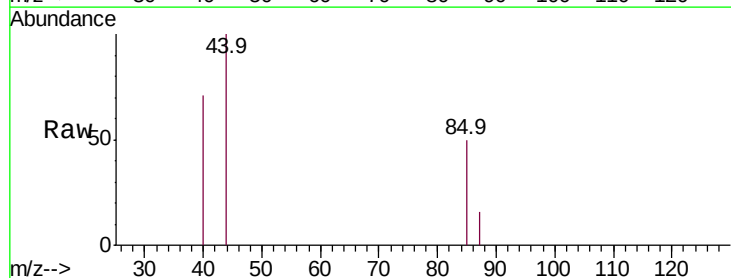
Acq: 15 Oct 2020 11:18

Tgt Ion: 85 Resp: 1130

Ion Ratio Lower Upper

85 100

87 30.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

1000

800

600

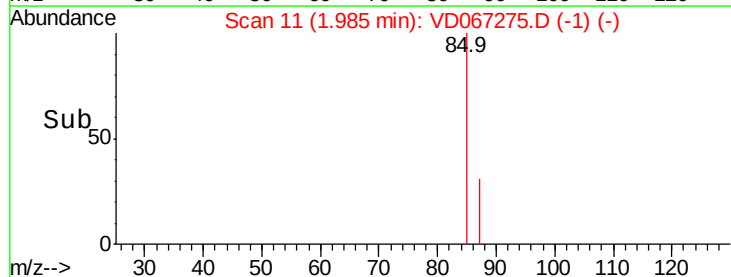
400

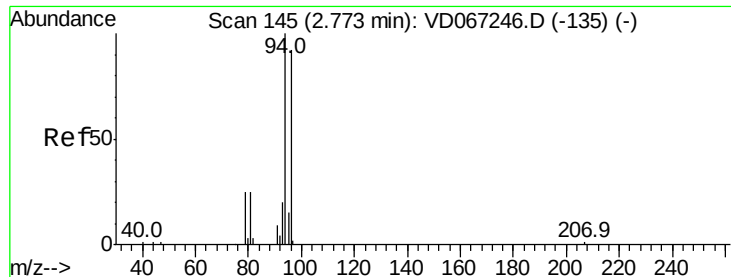
200

0

Time-->

1.96 1.98 2.00 2.02





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067275.D

Acq: 15 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

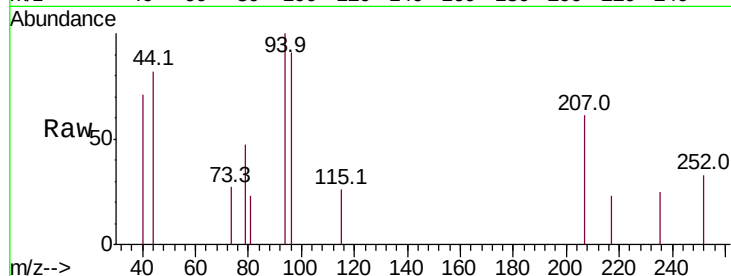
VD1015SBL01

Tot Ion: 94 Resp: 1220

Ion Ratio Lower Upper

94 100

96 90.9 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

800

600

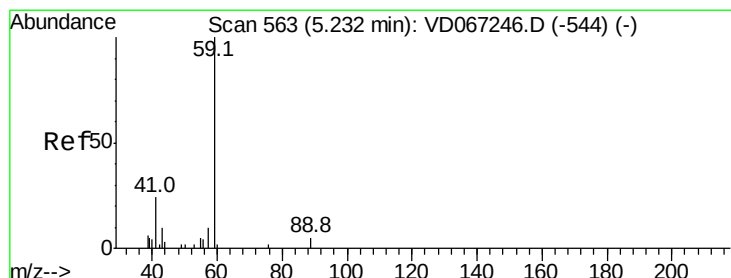
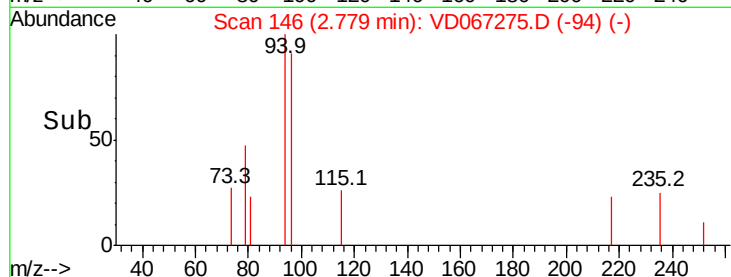
400

200

0

2.75 2.80

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 554

Delta R.T. -0.05 min

Lab File: VD067275.D

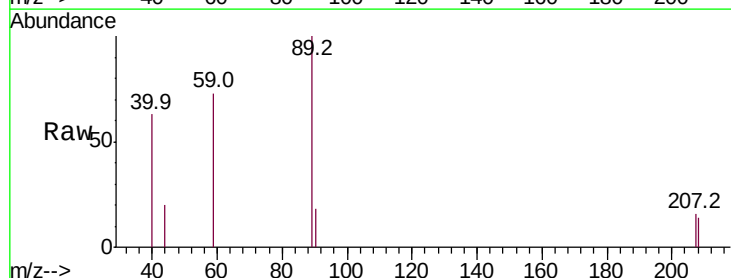
Acq: 15 Oct 2020 11:18

Tgt Ion: 59 Resp: 674

Ion Ratio Lower Upper

59 100

57 0.0 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

1000

800

600

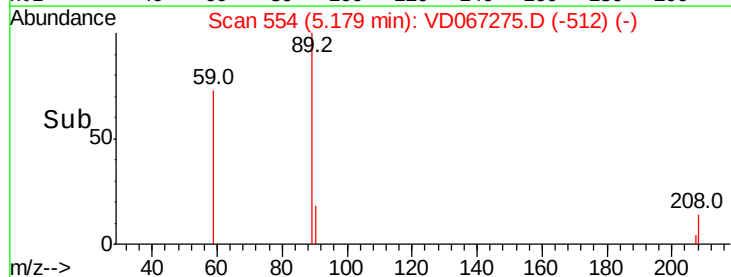
400

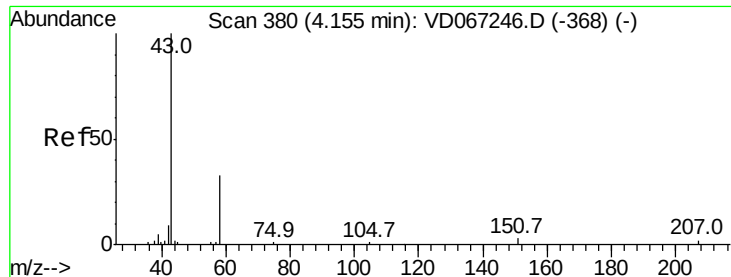
200

0

5.16 5.18 5.20

Time-->





#16

Acetone

Concen: 3.412 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067275.D

Acq: 15 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

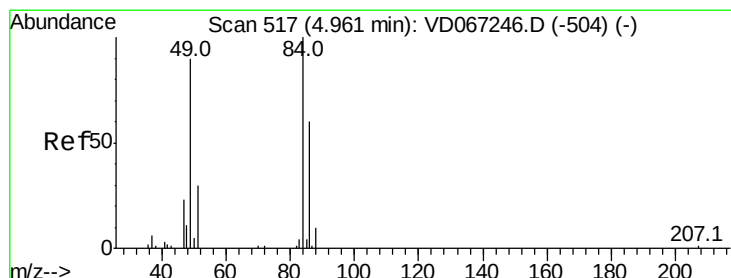
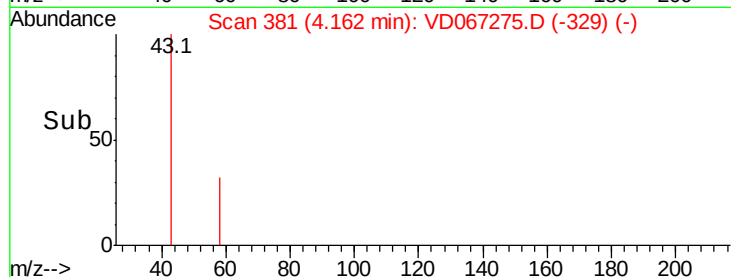
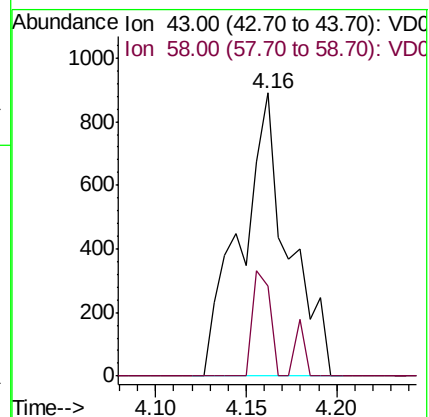
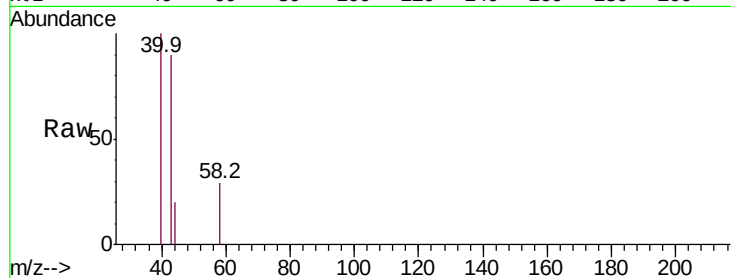
VD1015SBL01

Tot Ion: 43 Resp: 1625

Ion Ratio Lower Upper

43 100

58 32.0 26.1 39.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067275.D

Acq: 15 Oct 2020 11:18

Tgt Ion: 84 Resp: 9818

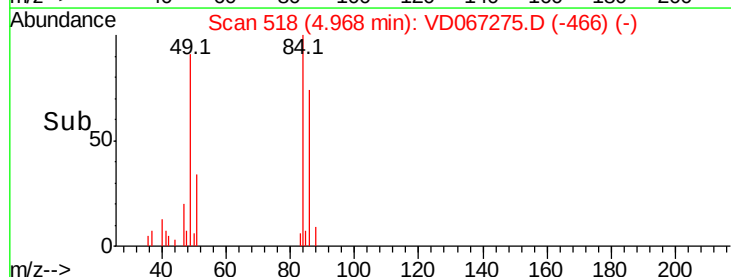
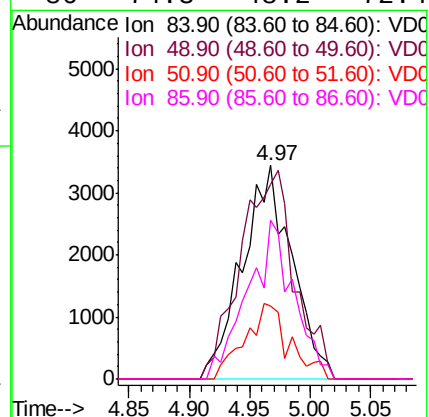
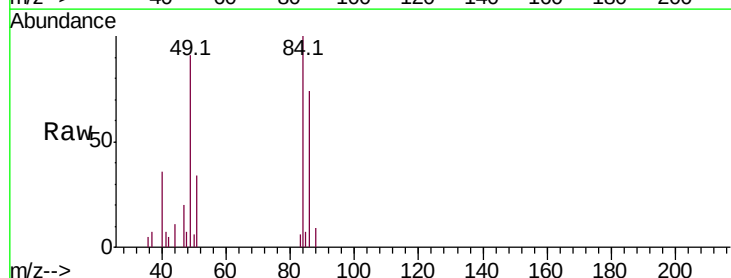
Ion Ratio Lower Upper

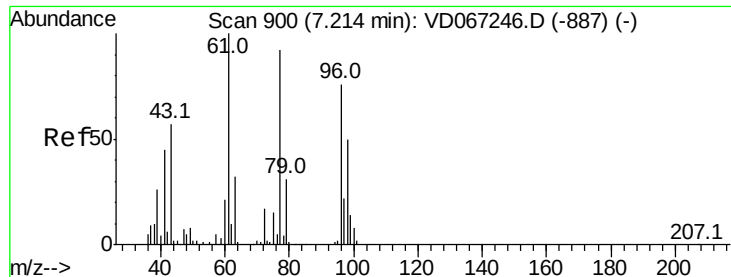
84 100

49 91.4 72.2 108.2

51 34.3 23.8 35.8

86 74.3 48.2 72.4#

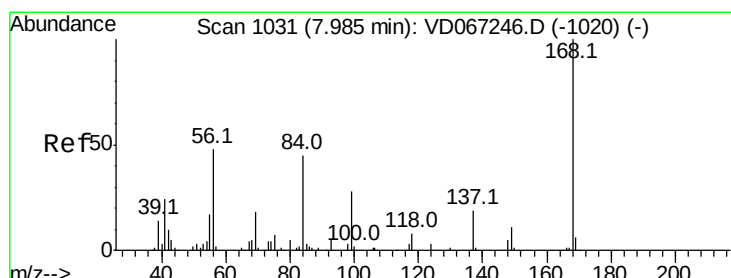
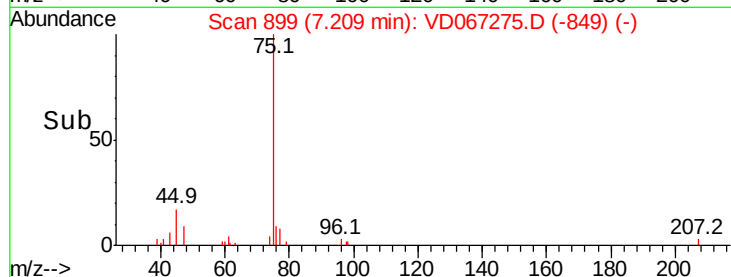
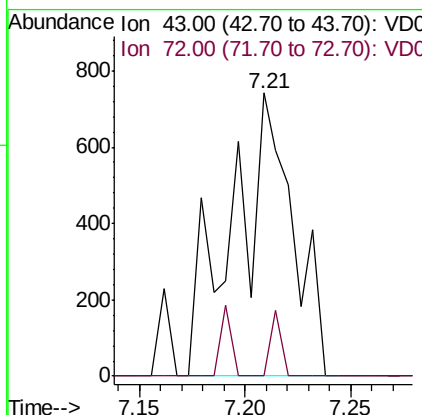
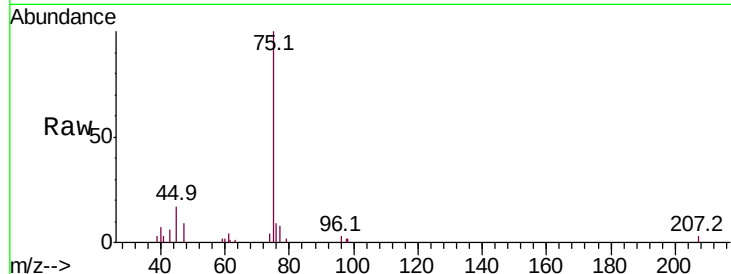




#25
2-Butanone
Concen: 2.703 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067275.D
Acq: 15 Oct 2020 11:18

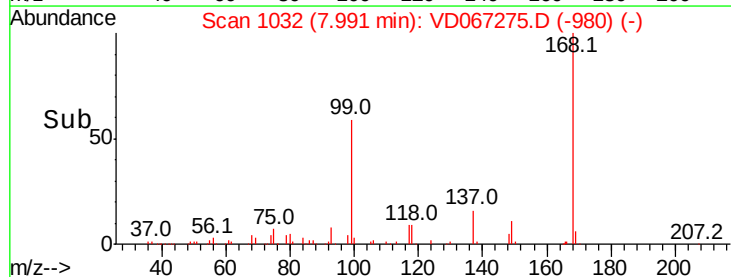
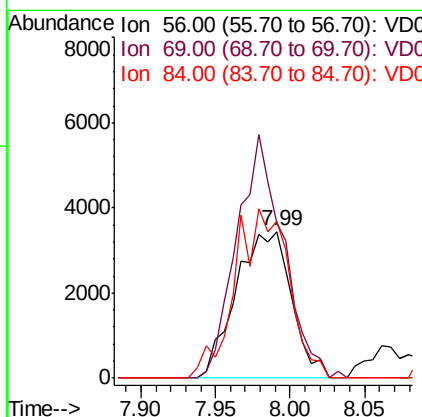
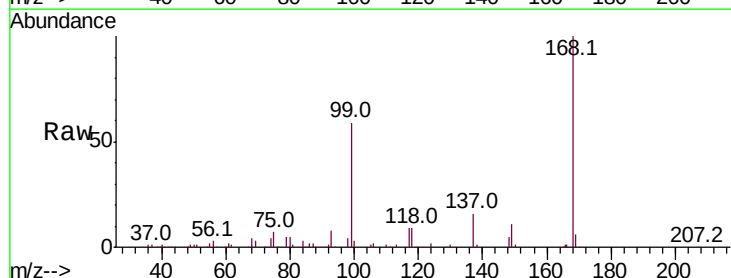
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBL01

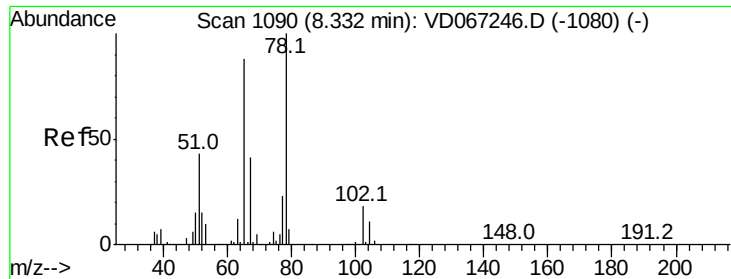
Tot Ion: 43 Resp: 1467
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 2.265 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067275.D
Acq: 15 Oct 2020 11:18

Tgt Ion: 56 Resp: 8869
Ion Ratio Lower Upper
56 100
69 105.7 29.8 44.6#
84 106.6 76.6 114.8

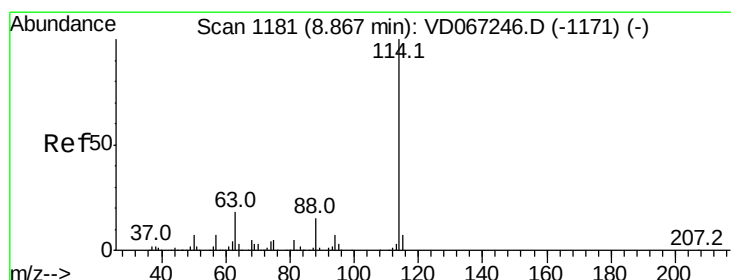
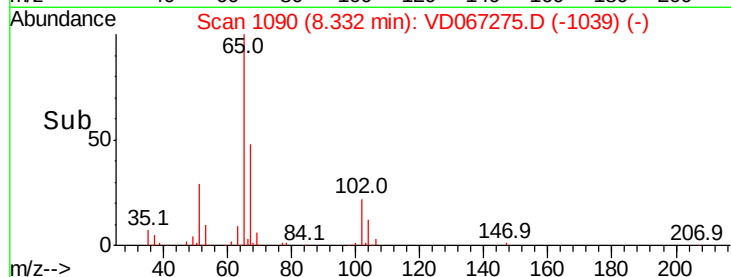
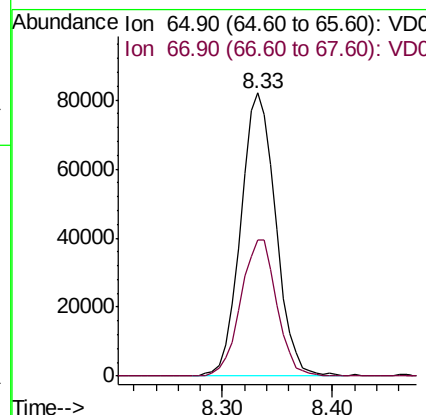
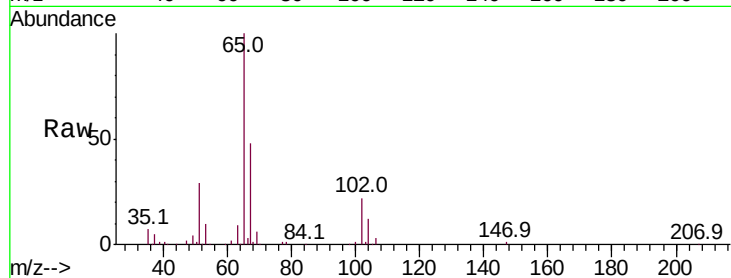




#33
 1,2-Dichloroethane-d4
 Concen: 53.795 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067275.D
 Acq: 15 Oct 2020 11:18

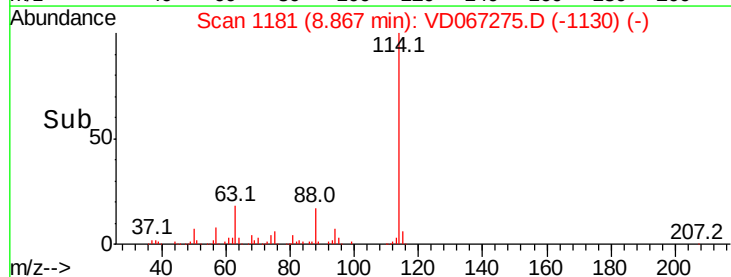
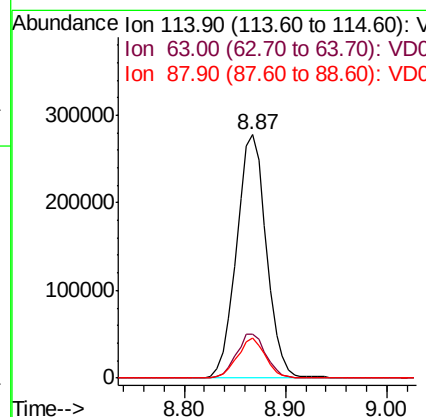
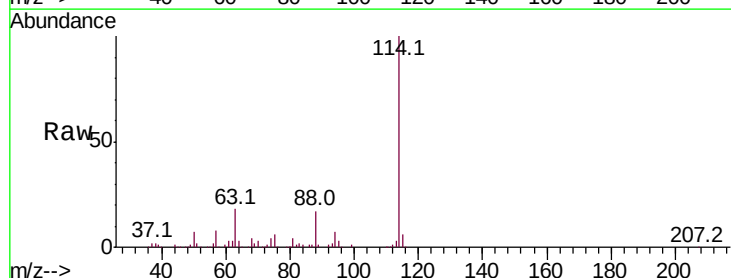
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBL01

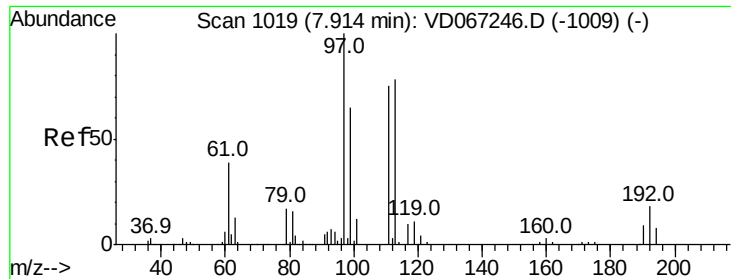
Tot Ion: 65 Resp: 182912
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067275.D
 Acq: 15 Oct 2020 11:18

Tgt Ion: 114 Resp: 566720
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.0
 88 16.6 0.0 30.6

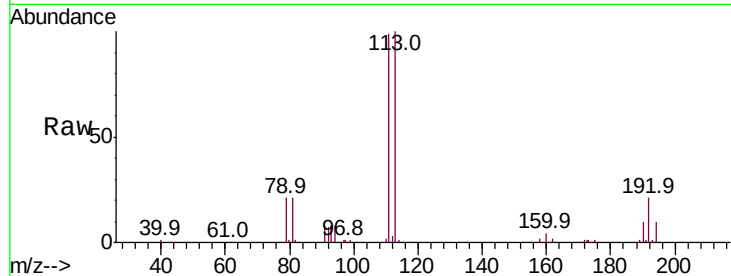




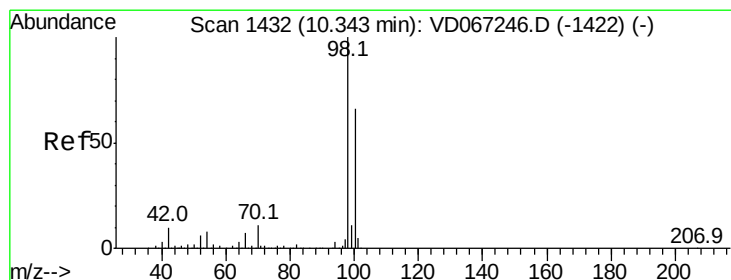
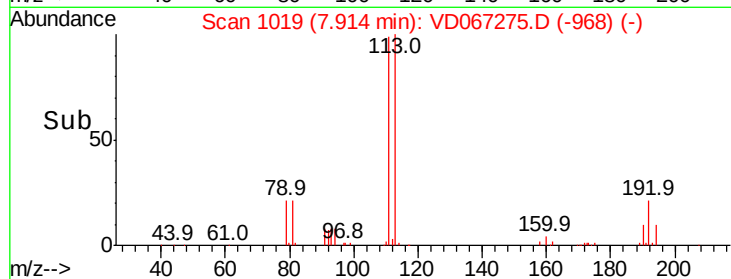
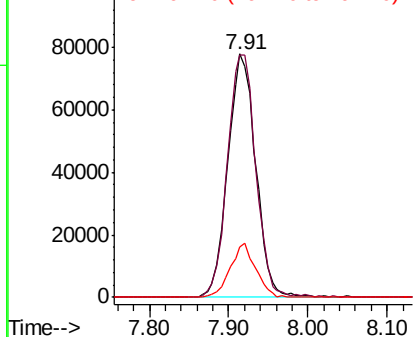
#35
 Dibromofluoromethane
 Concen: 50.167 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067275.D
 Acq: 15 Oct 2020 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBL01

Tot Ion:113 Resp: 189206
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.6 122.4
 192 20.1 17.0 25.4

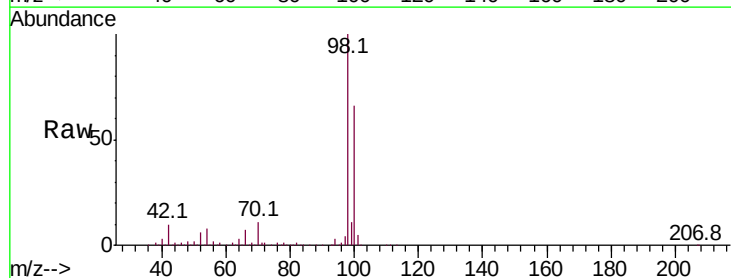


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

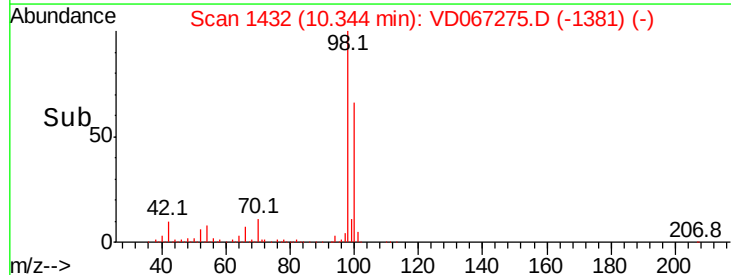
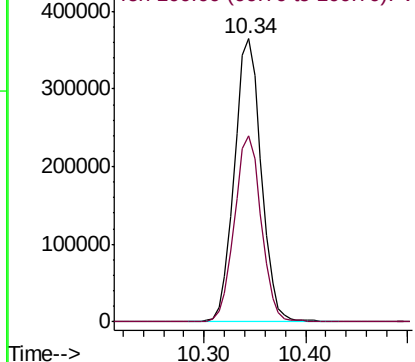


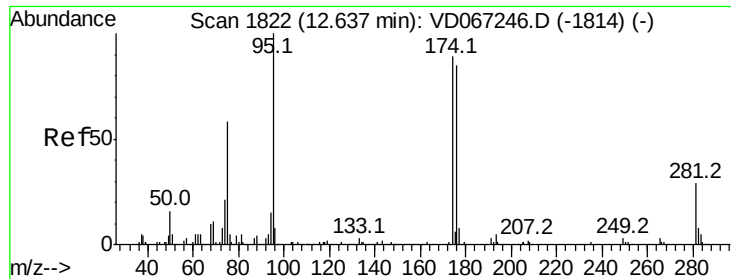
#50
 Toluene-d8
 Concen: 49.140 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067275.D
 Acq: 15 Oct 2020 11:18

Tgt Ion: 98 Resp: 670705
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VD
 Ion 100.00 (99.70 to 100.70): VD

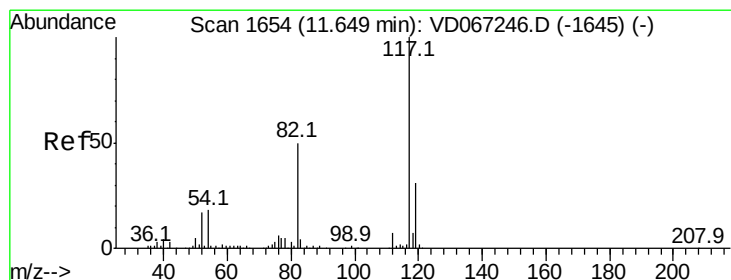
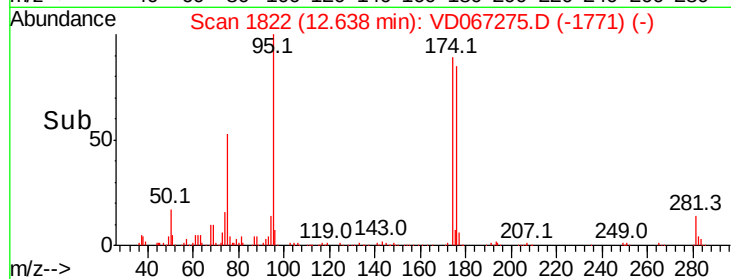
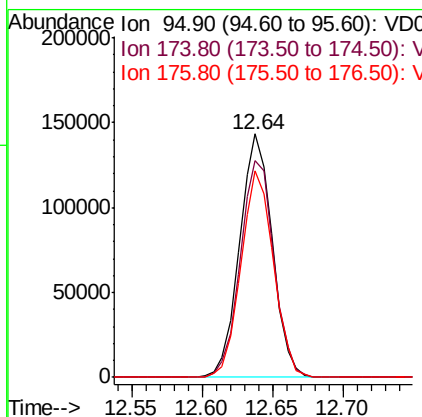
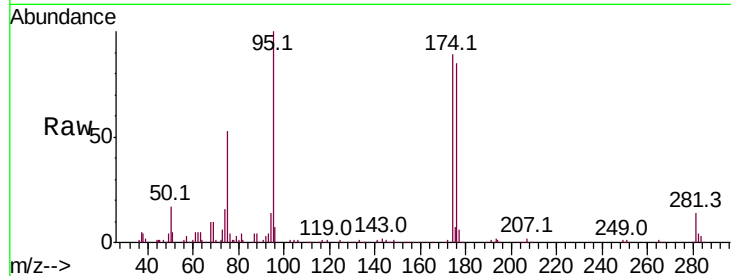




#62
4-Bromofluorobenzene
Concen: 48.883 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067275.D
Acq: 15 Oct 2020 11:18

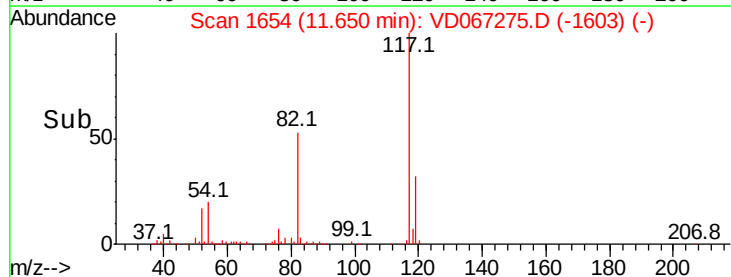
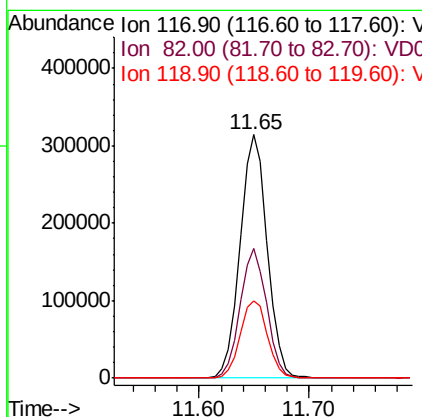
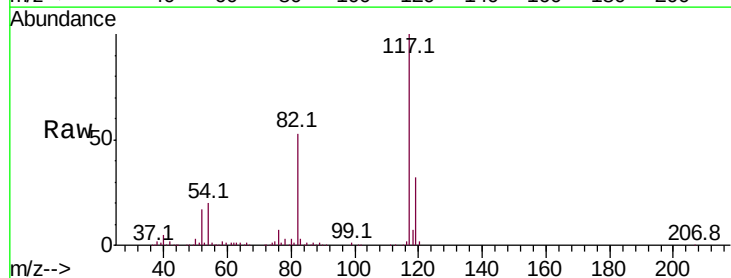
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBL01

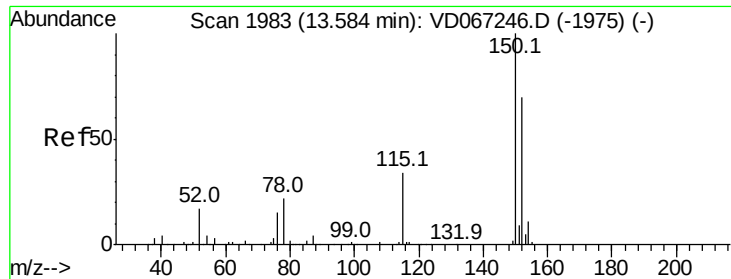
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	175.2
176	84.4	0.0	168.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067275.D
Acq: 15 Oct 2020 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	39.9	59.9
119	31.7	24.9	37.3



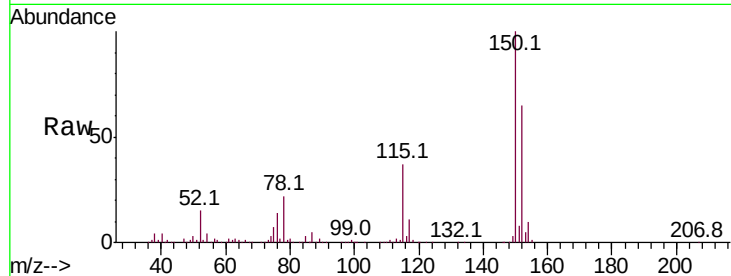


#72

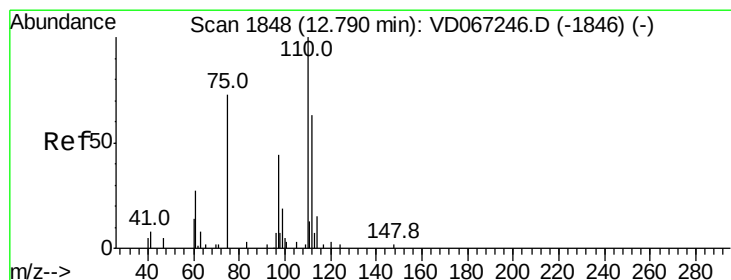
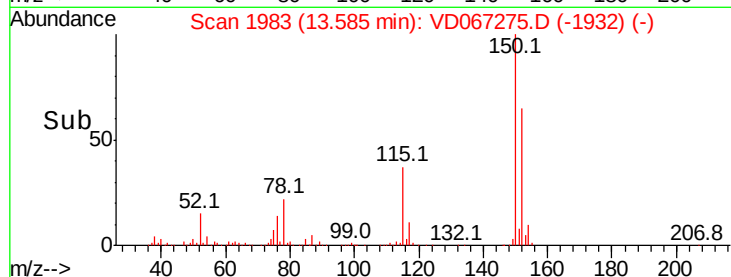
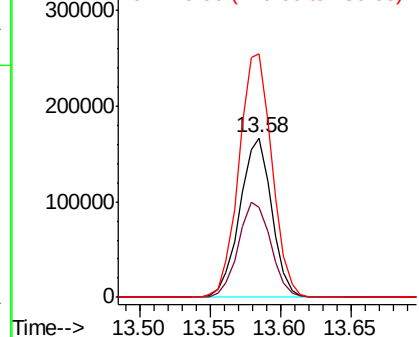
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067275.D
Acq: 15 Oct 2020 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD1015SBL01

Tot Ion:152 Resp: 263124
Ion Ratio Lower Upper
152 100
115 61.0 29.3 87.9
150 157.9 0.0 339.0



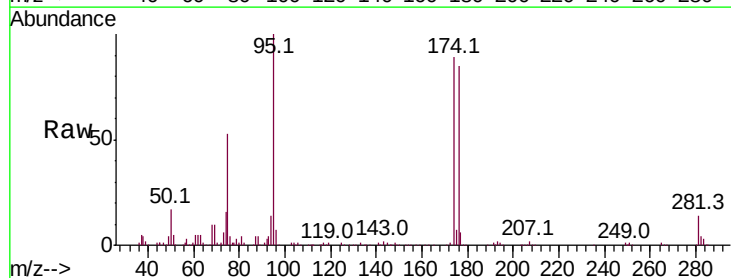
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



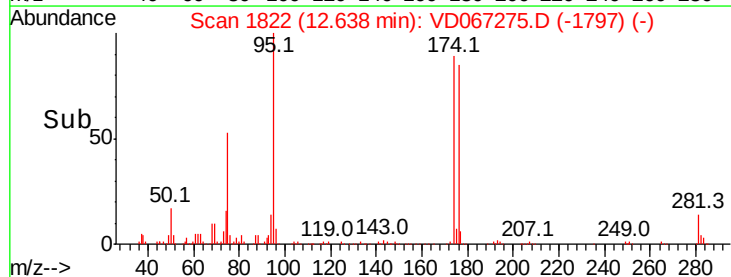
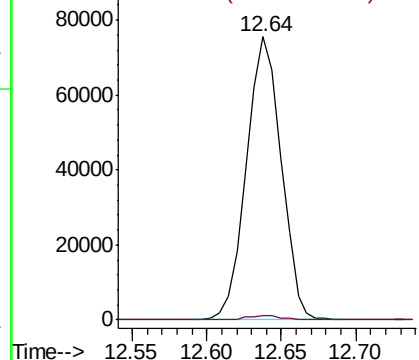
#76

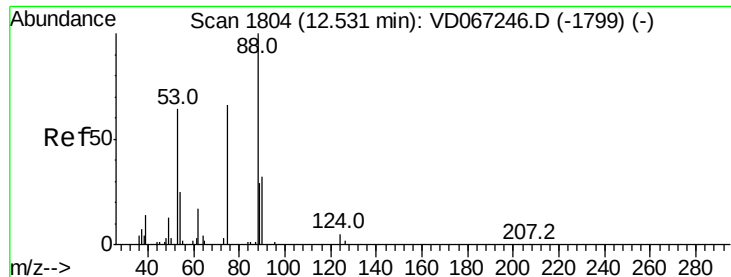
1,2,3-Trichloropropane
Concen: 66.677 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067275.D
Acq: 15 Oct 2020 11:18

Tgt Ion: 75 Resp: 121599
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: 151.204 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067275.D

Acq: 15 Oct 2020 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBL01

Tot Ion: 75 Resp: 121599

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.3 39.9 59.9#

