

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101620\
 Data File : VD067291.D
 Acq On : 16 Oct 2020 11:20
 Operator : VA/SY
 Sample : VD1016SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1016SBL01

Quant Time: Oct 17 00:38:34 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

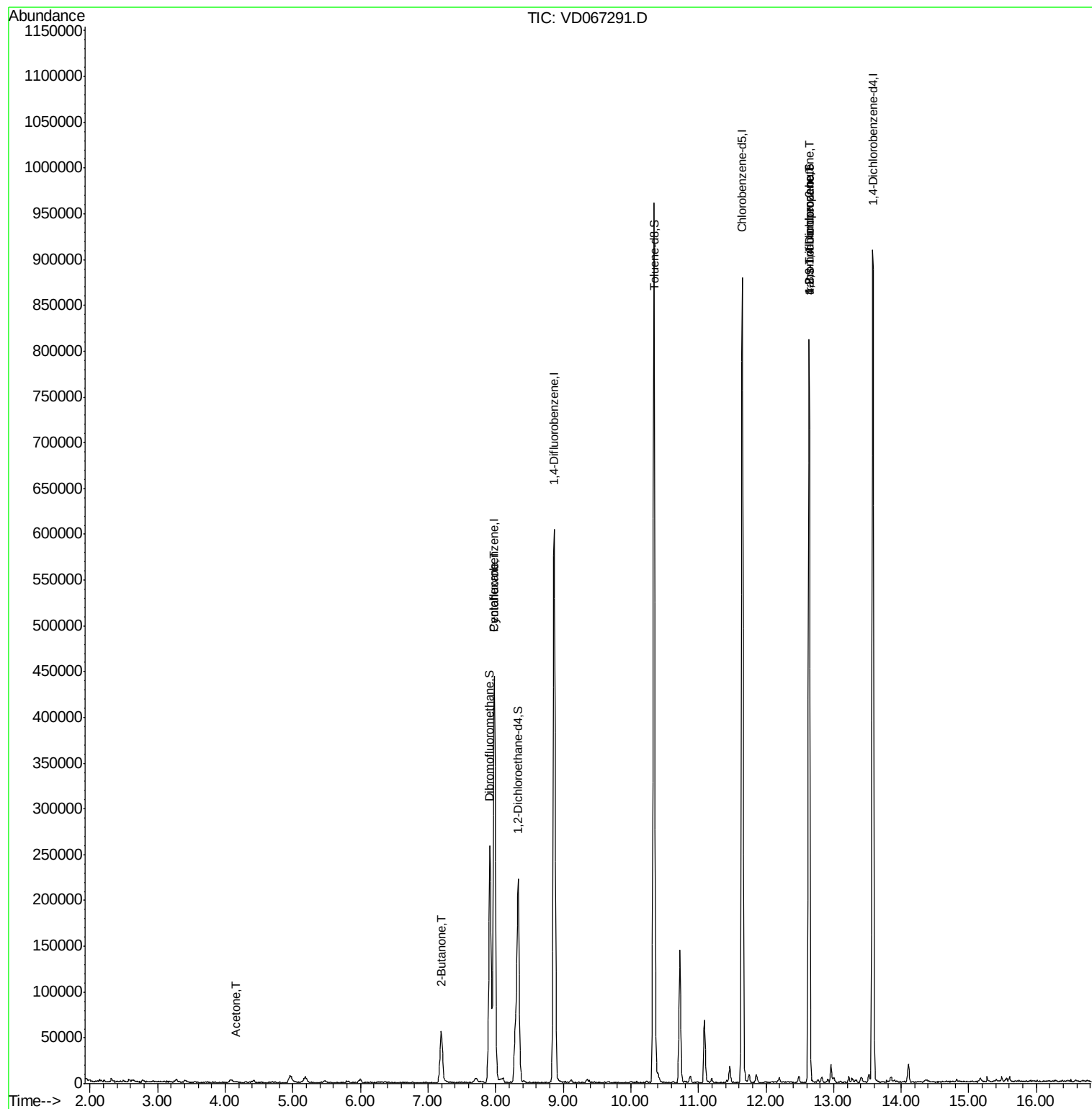
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	336163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	551455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	533007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	182430	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
35) Dibromofluoromethane	7.91	113	183708	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.34	98	654474	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.64	95	223484	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
2) Dichlorodifluoromethane	2.00	85	1344	Below Cal		88
5) Bromomethane	2.77	94	969	Below Cal		88
11) Tert butyl alcohol	5.19	59	6151	Below Cal	#	81
16) Acetone	4.16	43	1706	3.617 ug/l	#	87
20) Methylene Chloride	4.96	84	3056	Below Cal	#	80
25) 2-Butanone	7.20	43	3261	6.065 ug/l	#	72
31) Cyclohexane	7.98	56	7220	1.861 ug/l	#	23
76) 1,2,3-Trichloropropane	12.64	75	117828	66.283 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	117828	150.310 ug/l	#	10

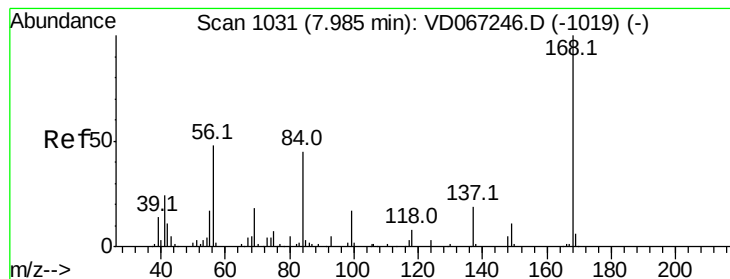
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101620\
Data File : VD067291.D
Acq On : 16 Oct 2020 11:20
Operator : VA/SY
Sample : VD1016SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1016SBL01

Quant Time: Oct 17 00:38:34 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: VD067291.D

Acq: 16 Oct 2020 11:20

Instrument :

MSVOA_D

ClientSampleId :

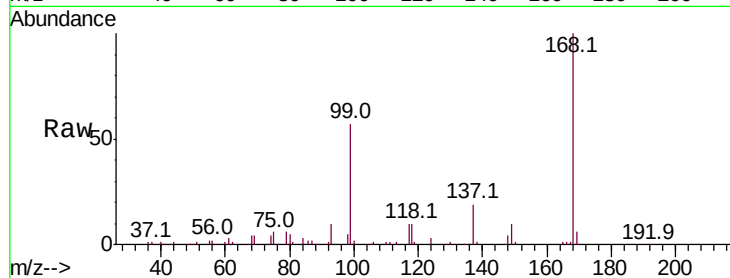
VD1016SBL01

Tot Ion:168 Resp: 336163

Ion Ratio Lower Upper

168 100

99 56.4 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

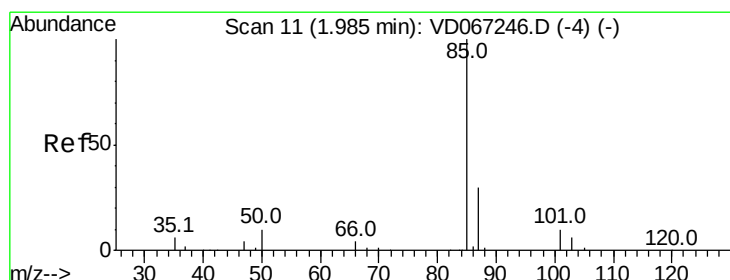
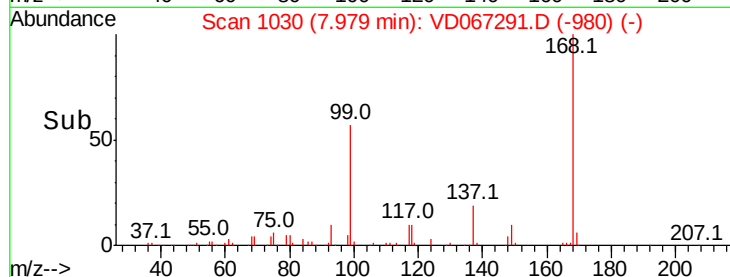
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD067291.D

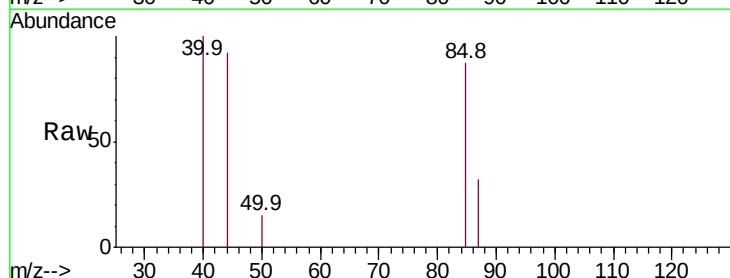
Acq: 16 Oct 2020 11:20

Tgt Ion: 85 Resp: 1344

Ion Ratio Lower Upper

85 100

87 37.2 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

2.00

1000

800

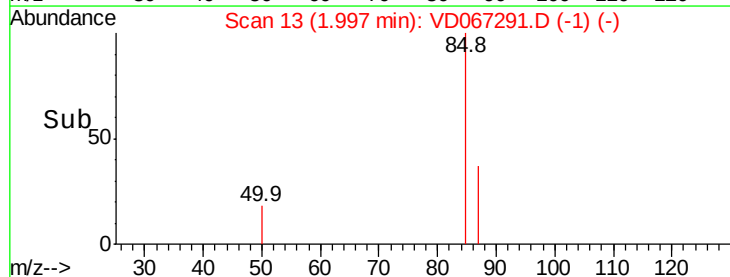
600

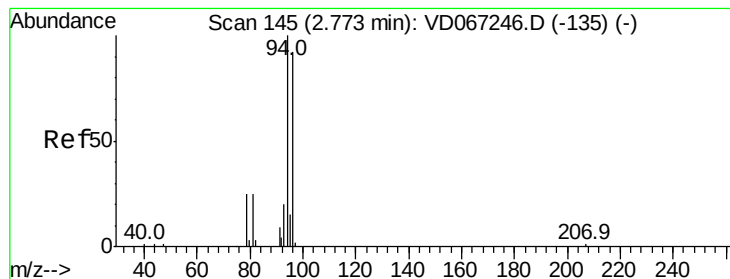
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067291.D

Acq: 16 Oct 2020 11:20

Instrument :

MSVOA_D

ClientSampleId :

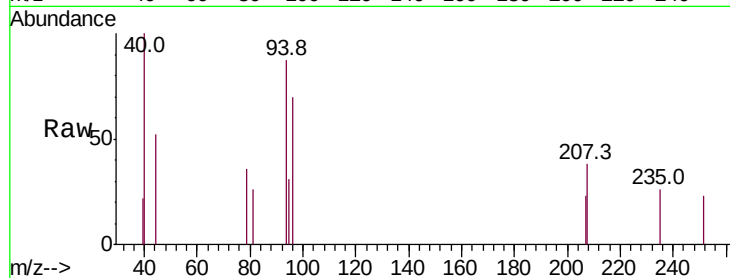
VD1016SBL01

Tot Ion: 94 Resp: 969

Ion Ratio Lower Upper

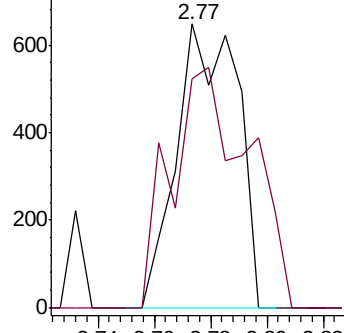
94 100

96 80.7 73.8 110.6

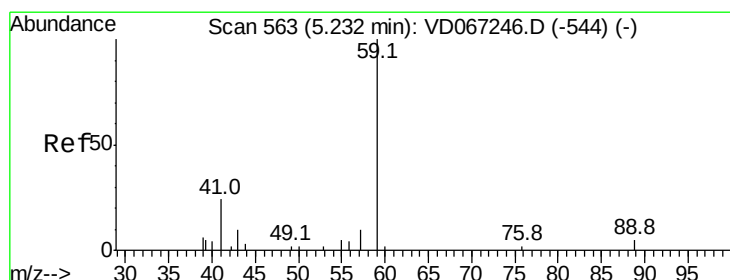
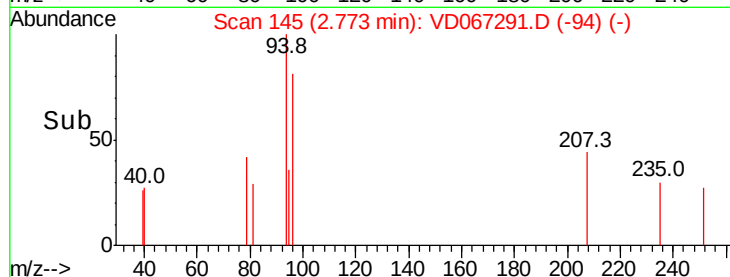


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 555

Delta R.T. -0.05 min

Lab File: VD067291.D

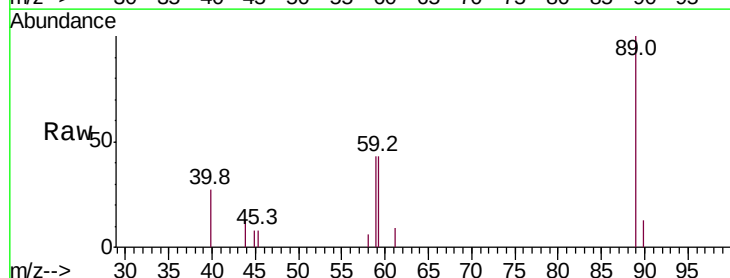
Acq: 16 Oct 2020 11:20

Tgt Ion: 59 Resp: 6151

Ion Ratio Lower Upper

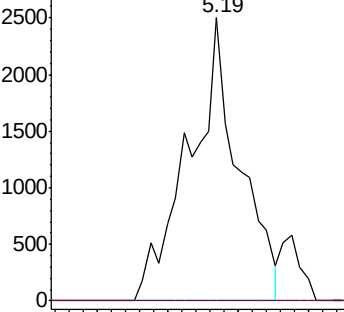
59 100

57 0.0 5.1 7.7#

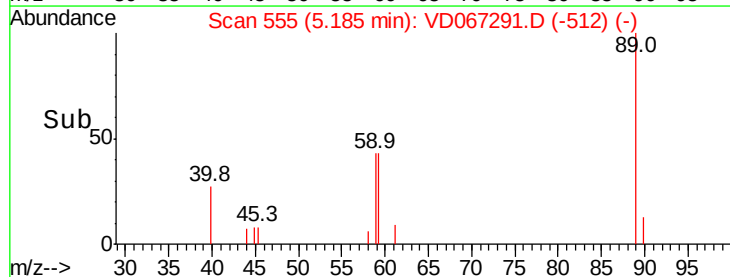


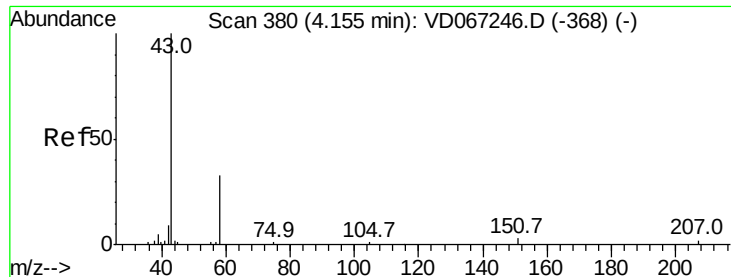
Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



Time-->





#16

Acetone

Concen: 3.617 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067291.D

Acq: 16 Oct 2020 11:20

Instrument :

MSVOA_D

ClientSampleId :

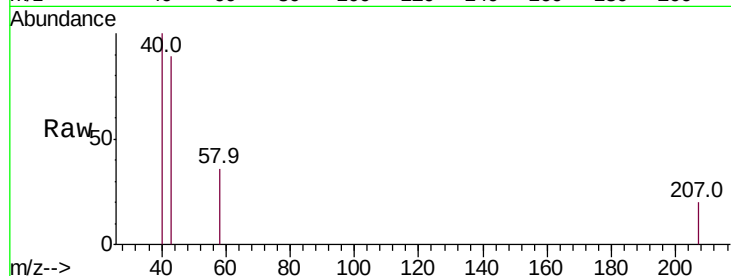
VD1016SBL01

Tot Ion: 43 Resp: 1706

Ion Ratio Lower Upper

43 100

58 40.2 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

600

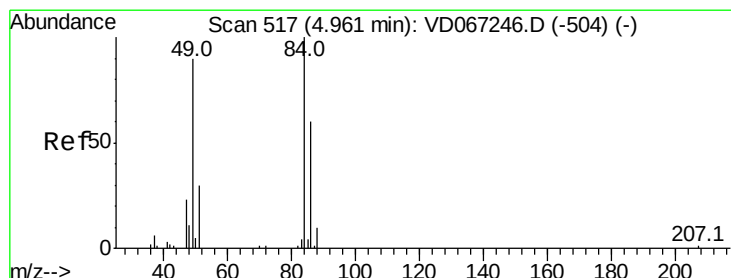
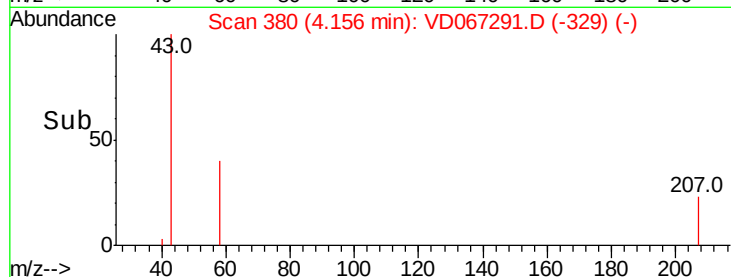
400

200

0

4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD067291.D

Acq: 16 Oct 2020 11:20

Tgt Ion: 84 Resp: 3056

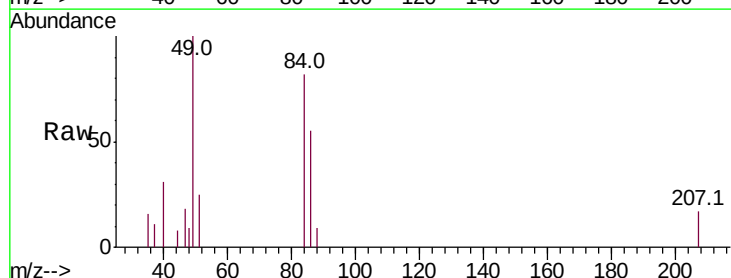
Ion Ratio Lower Upper

84 100

49 122.4 72.2 108.2#

51 30.8 23.8 35.8

86 67.1 48.2 72.4



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

4.96

3000

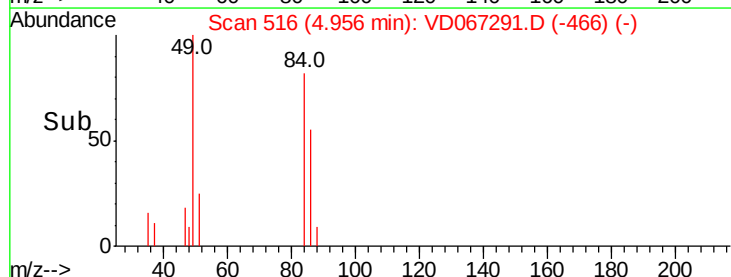
2000

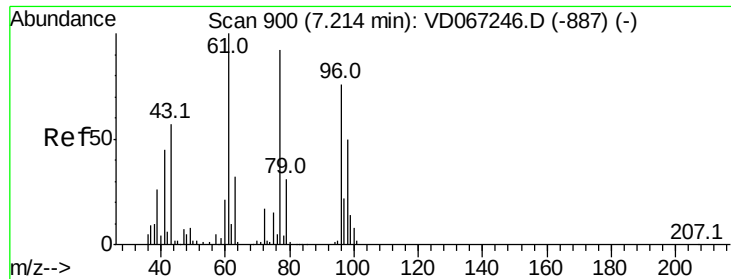
1000

0

4.90 4.92 4.94 4.96 4.98

Time-->

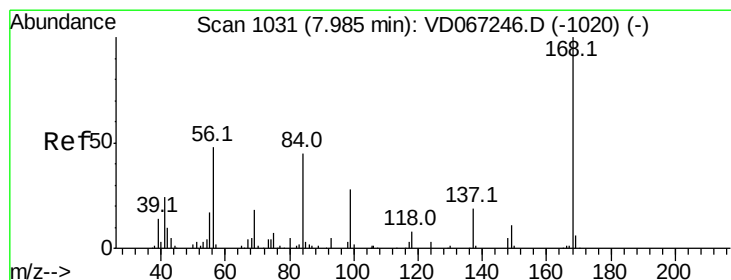
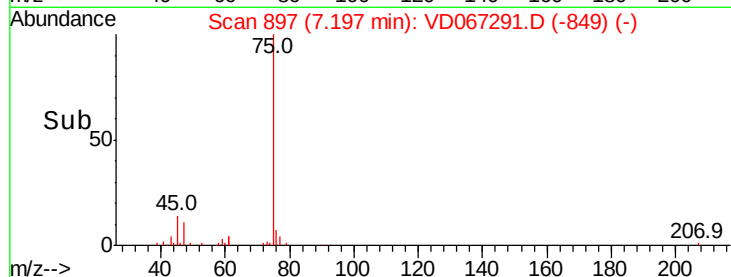
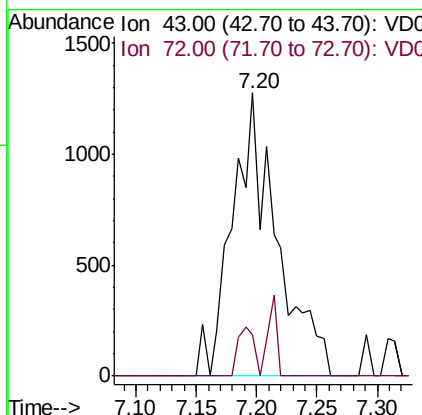
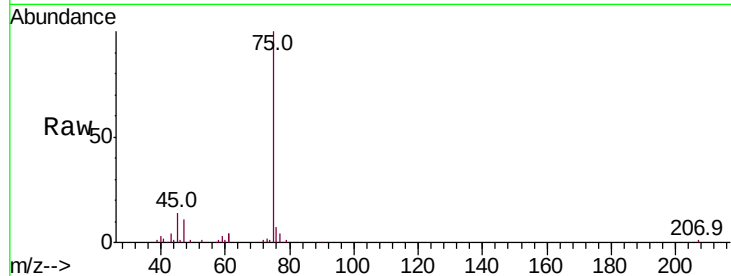




#25
2-Butanone
Concen: 6.065 ug/l
RT: 7.20 min Scan# 897
Delta R.T. -0.02 min
Lab File: VD067291.D
Acq: 16 Oct 2020 11:20

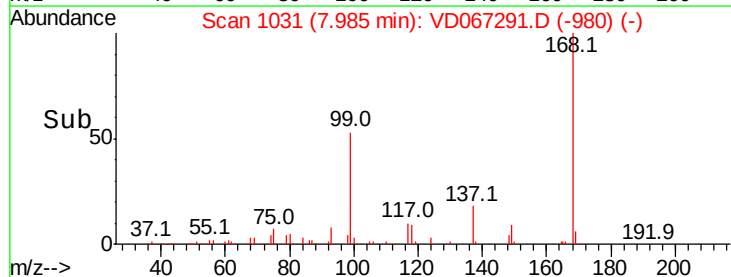
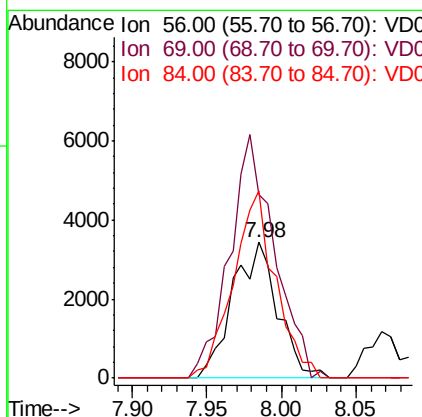
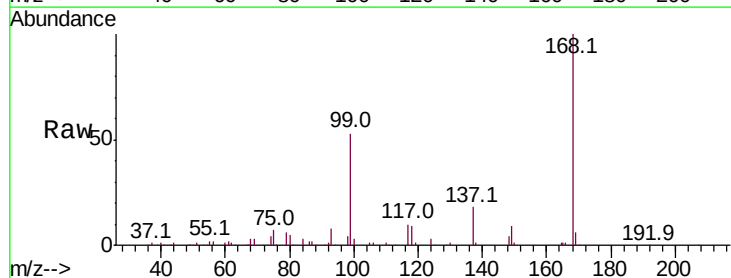
Instrument :
MSVOA_D
ClientSampleId :
VD1016SBL01

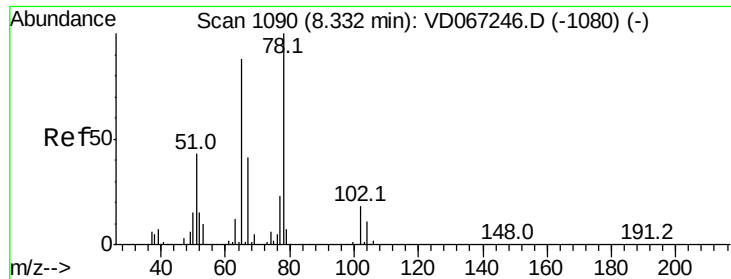
Tot Ion: 43 Resp: 3261
Ion Ratio Lower Upper
43 100
72 14.5 23.7 35.5#



#31
Cyclohexane
Concen: 1.861 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067291.D
Acq: 16 Oct 2020 11:20

Tgt Ion: 56 Resp: 7220
Ion Ratio Lower Upper
56 100
69 134.8 29.8 44.6#
84 138.0 76.6 114.8#

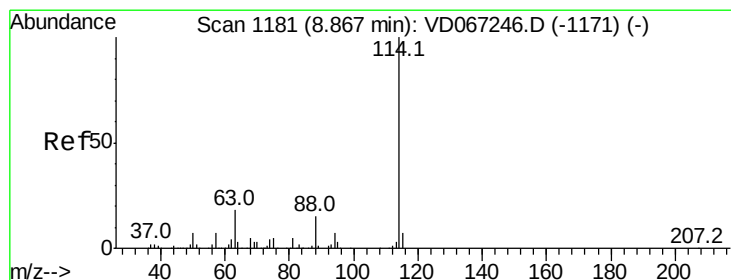
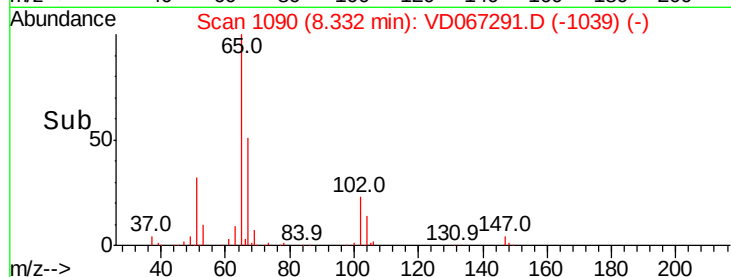
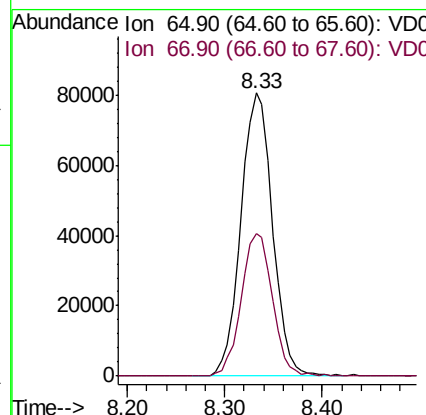
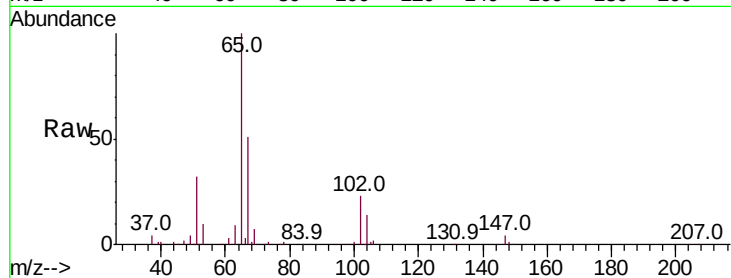




#33
 1,2-Dichloroethane-d4
 Concen: 54.168 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067291.D
 Acq: 16 Oct 2020 11:20

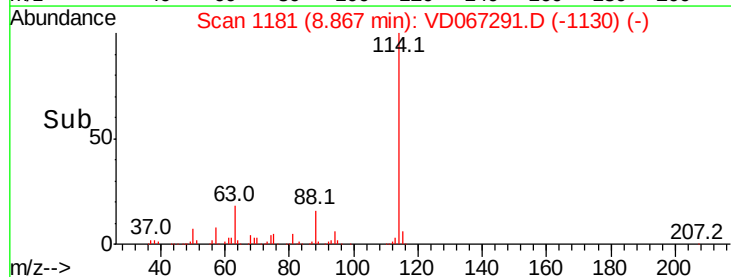
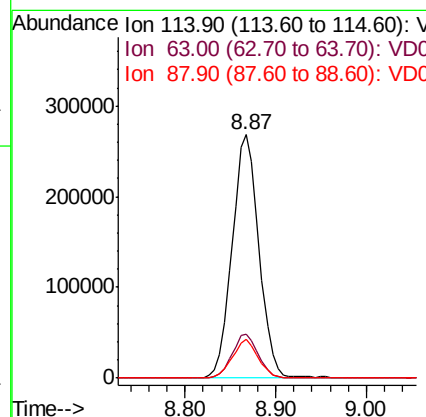
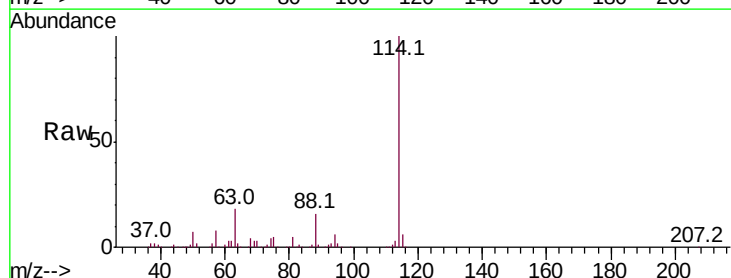
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1016SBL01

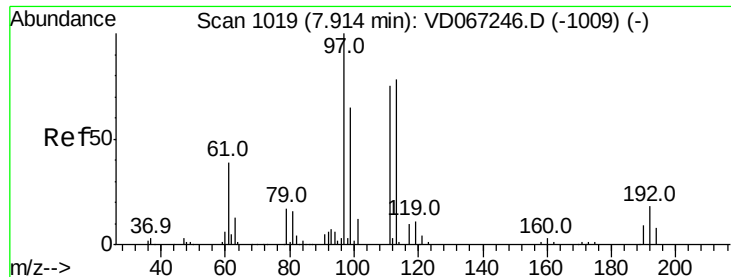
Tot Ion: 65 Resp: 182430
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067291.D
 Acq: 16 Oct 2020 11:20

Tgt Ion: 114 Resp: 551455
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.0
 88 16.1 0.0 30.6

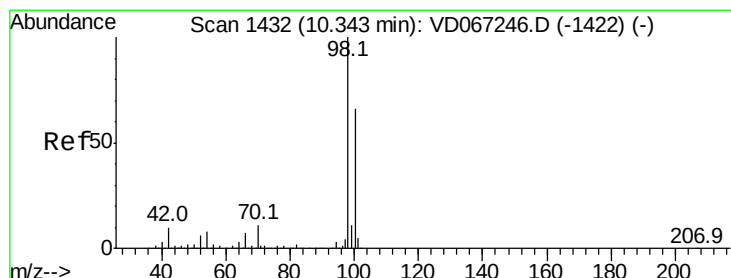
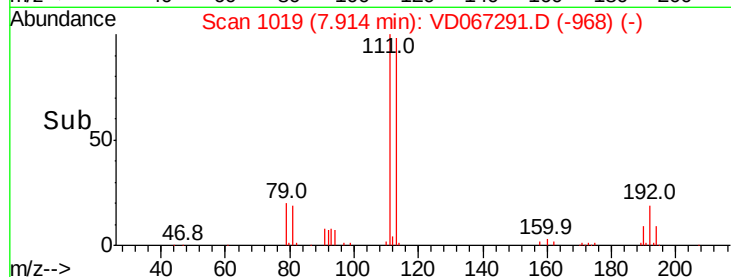
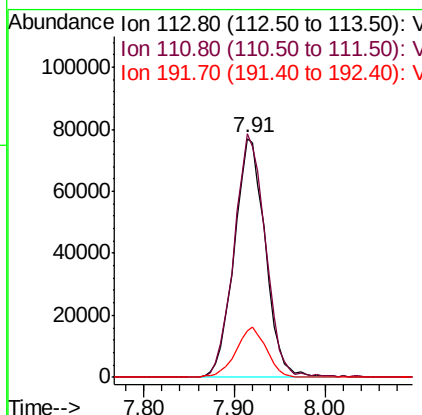
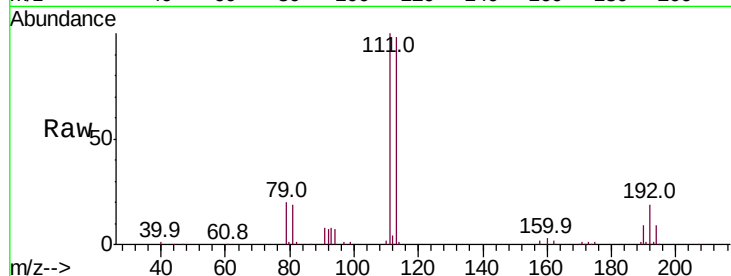




#35
 Dibromofluoromethane
 Concen: 50.058 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067291.D
 Acq: 16 Oct 2020 11:20

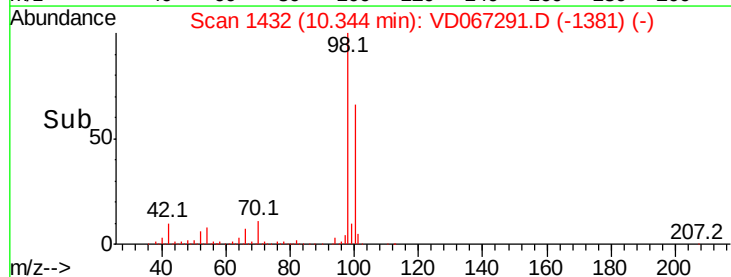
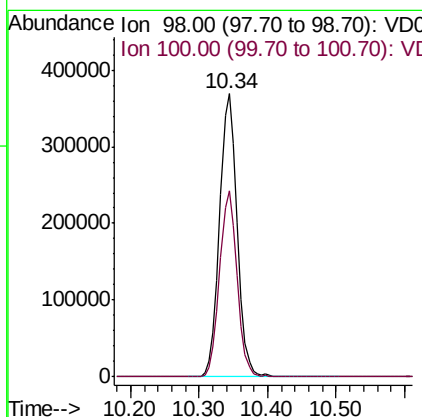
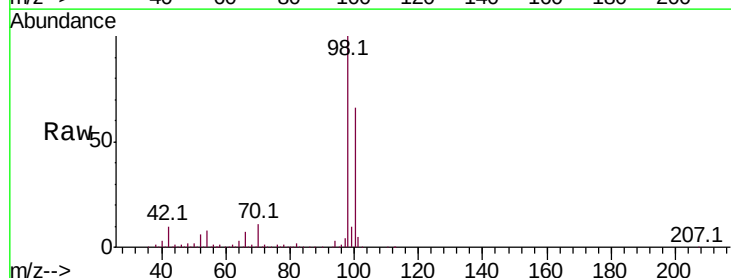
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1016SBL01

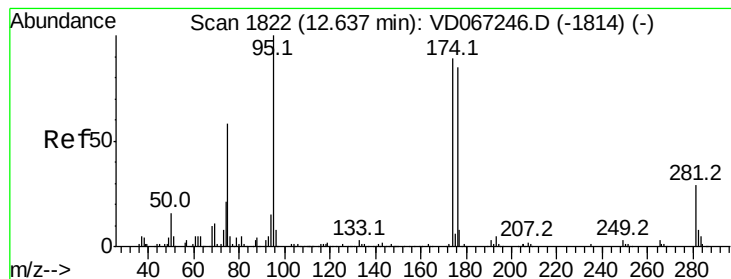
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.6	122.4
192	20.7	17.0	25.4



#50
 Toluene-d8
 Concen: 49.278 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067291.D
 Acq: 16 Oct 2020 11:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 48.392 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067291.D

Acq: 16 Oct 2020 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD1016SBL01

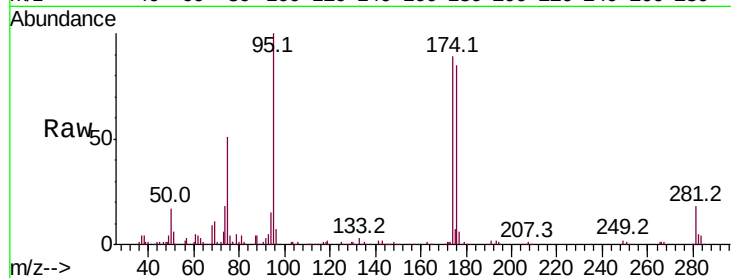
Tot Ion: 95 Resp: 223484

Ion Ratio Lower Upper

95 100

174 92.6 0.0 175.2

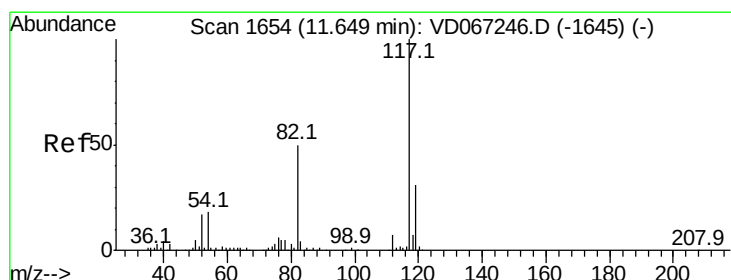
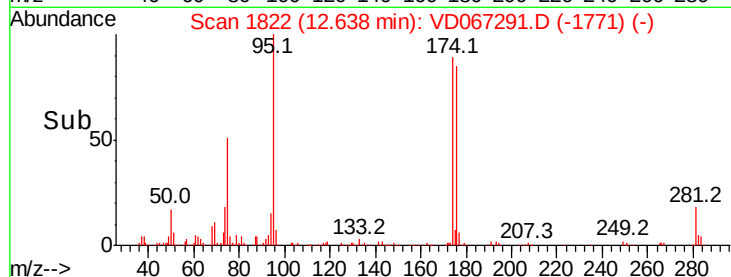
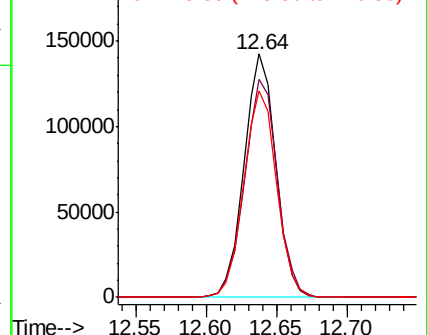
176 87.9 0.0 168.6



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: VD067291.D

Acq: 16 Oct 2020 11:20

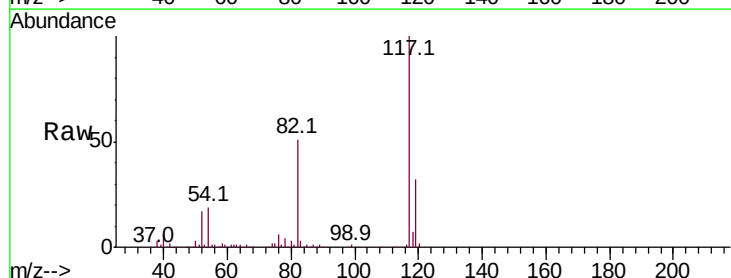
Tgt Ion: 117 Resp: 533007

Ion Ratio Lower Upper

117 100

82 51.0 39.9 59.9

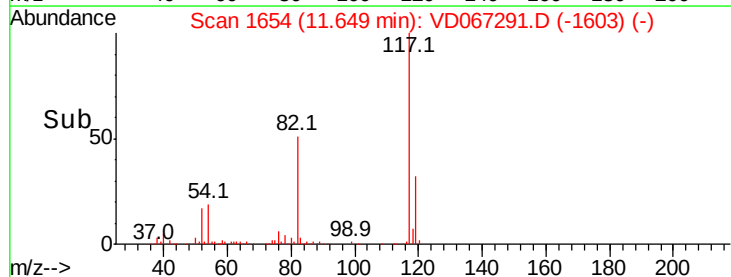
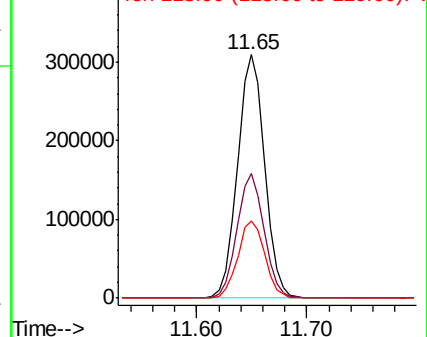
119 31.8 24.9 37.3

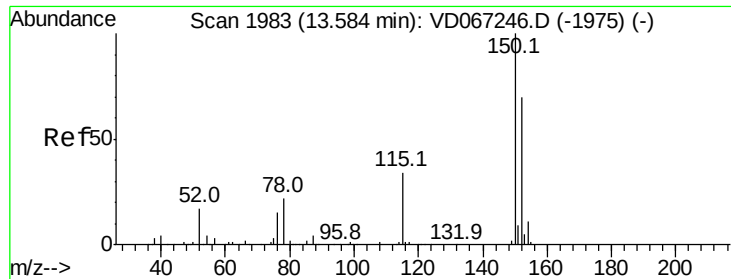


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



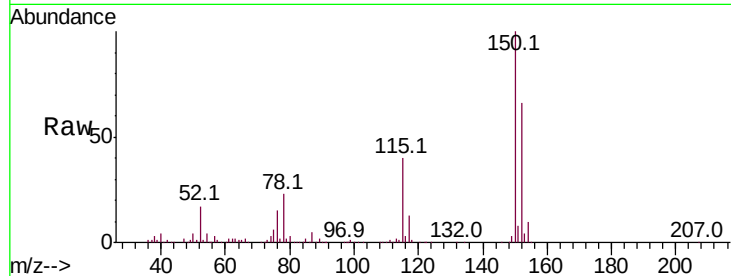


#72

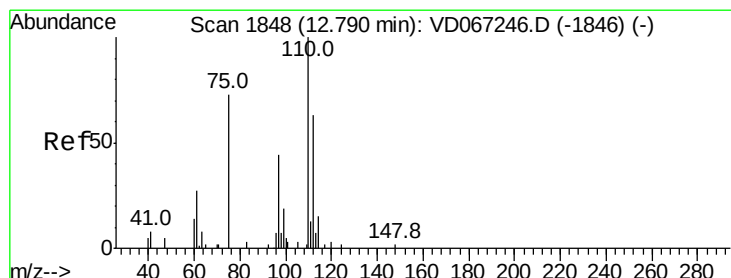
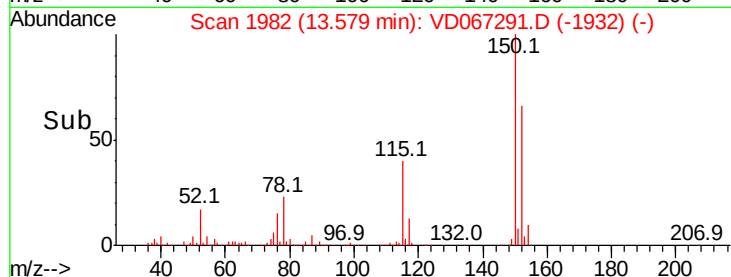
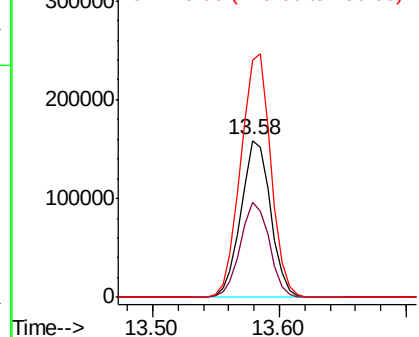
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067291.D
Acq: 16 Oct 2020 11:20

Instrument :
MSVOA_D
ClientSampleId :
VD1016SBL01

Tot Ion:152 Resp: 256481
Ion Ratio Lower Upper
152 100
115 59.2 29.3 87.9
150 157.3 0.0 339.0



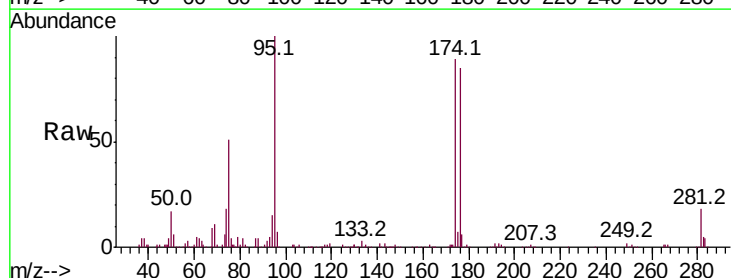
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



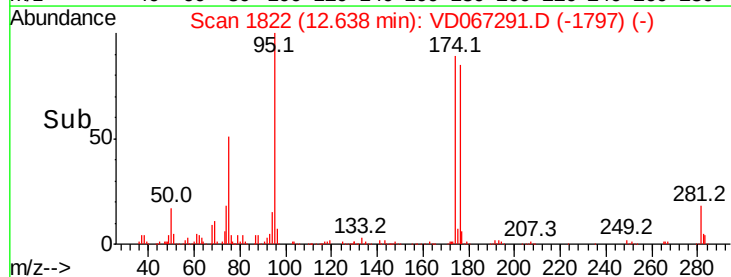
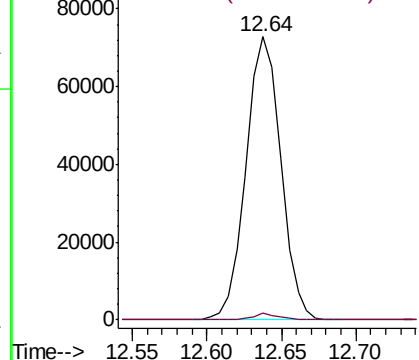
#76

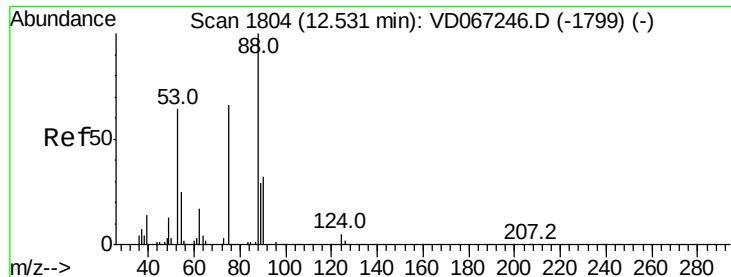
1,2,3-Trichloropropane
Concen: 66.283 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067291.D
Acq: 16 Oct 2020 11:20

Tgt Ion: 75 Resp: 117828
Ion Ratio Lower Upper
75 100
77 1.6 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: 150.310 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067291.D

Acq: 16 Oct 2020 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD1016SBL01

Tot Ion: 75 Resp: 117828

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.2 39.9 59.9#

