

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067410.D
 Acq On : 27 Oct 2020 14:34
 Operator : VA/SY
 Sample : L4523-04
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-40

Quant Time: Oct 28 00:45:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

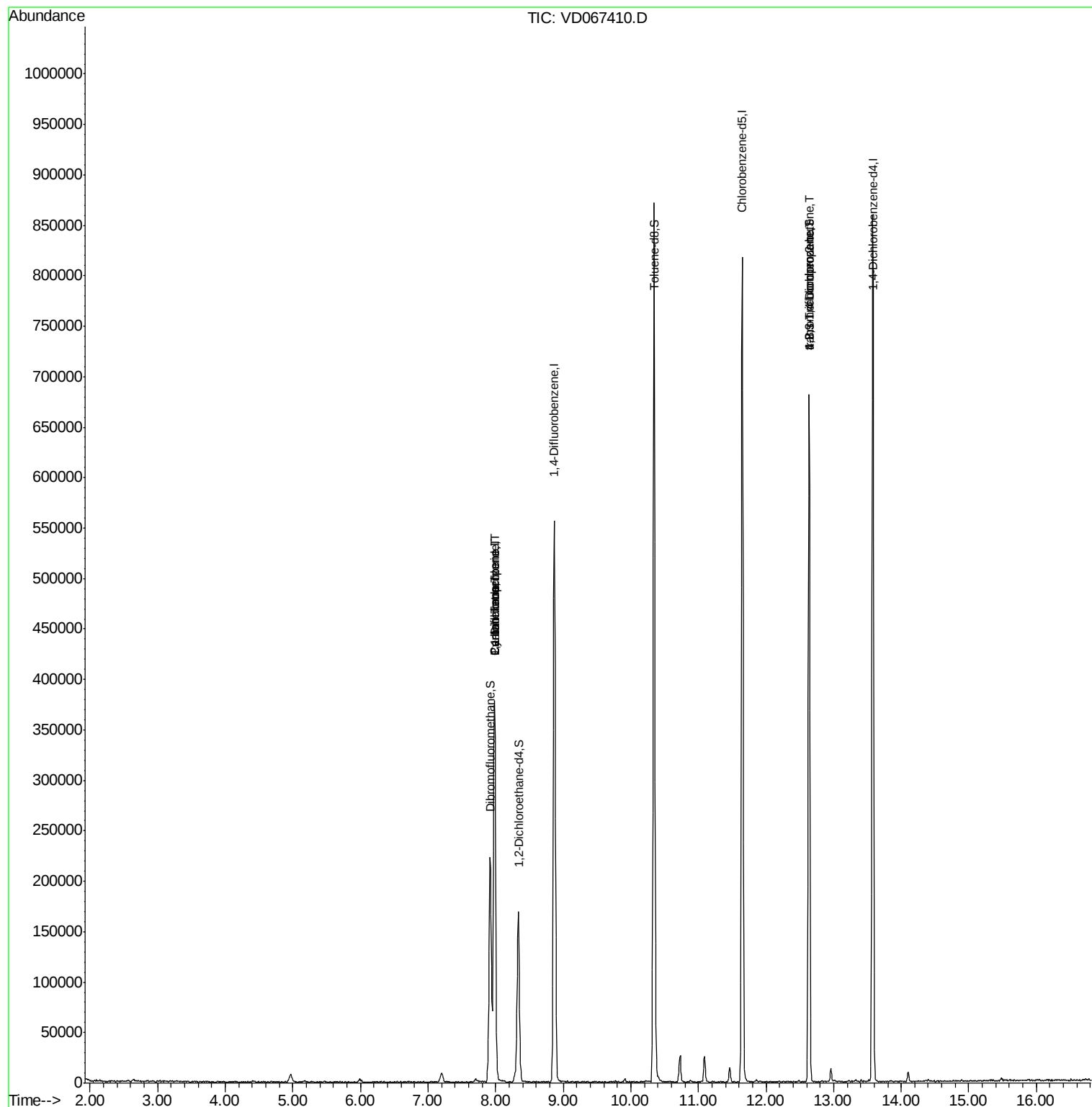
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	294124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	502044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	487644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	147927	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	7.92	113	159056	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	10.34	98	599692	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.64	95	208268	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	376	Below Cal	#	44
5) Bromomethane	2.77	94	155	Below Cal		93
11) Tert butyl alcohol	5.20	59	116	Below Cal	#	81
20) Methylene Chloride	4.96	84	6210	Below Cal		92
31) Cyclohexane	7.98	56	5982	1.763	ug/l #	23
36) 1,1-Dichloropropene	7.98	75	21091	4.957	ug/l #	51
38) Carbon Tetrachloride	7.98	117	29556	5.435	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	106379	63.656	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	106379	144.352	ug/l #	10

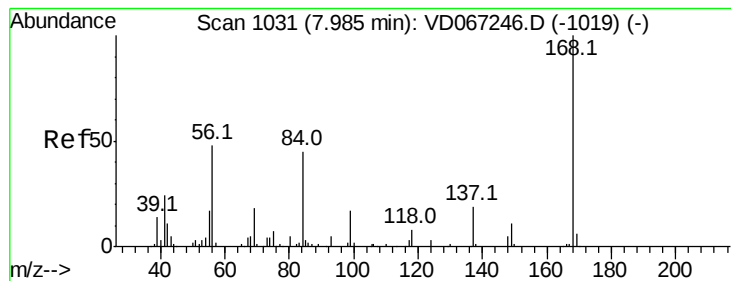
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102720\
Data File : VD067410.D
Acq On : 27 Oct 2020 14:34
Operator : VA/SY
Sample : L4523-04
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CS-40

Quant Time: Oct 28 00:45:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 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: VD067410.D

Acq: 27 Oct 2020 14:34

Instrument :

MSVOA_D

ClientSampleId :

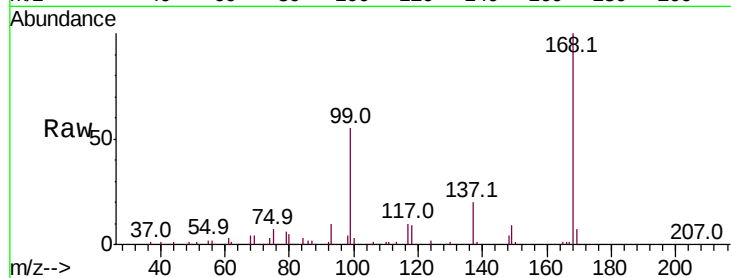
CS-40

Tot Ion:168 Resp: 294124

Ion Ratio Lower Upper

168 100

99 54.9 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

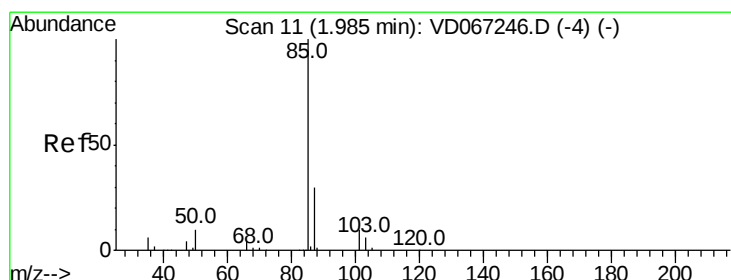
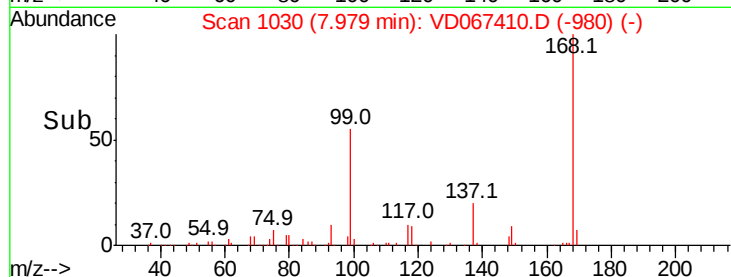
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067410.D

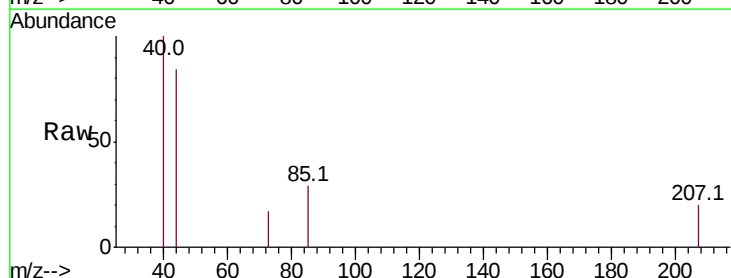
Acq: 27 Oct 2020 14:34

Tgt Ion: 85 Resp: 376

Ion Ratio Lower Upper

85 100

87 0.0 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

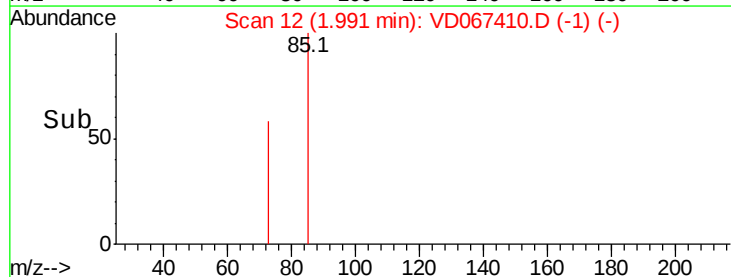
300

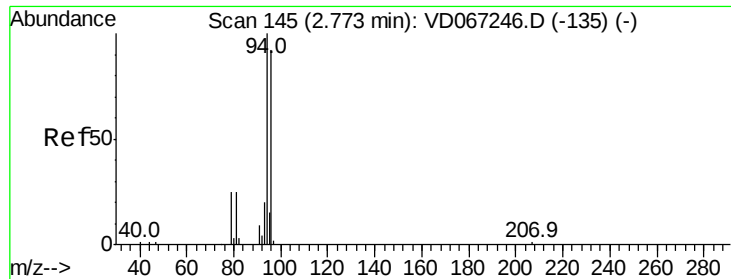
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067410.D

Acq: 27 Oct 2020 14:34

Instrument :

MSVOA_D

ClientSampled :

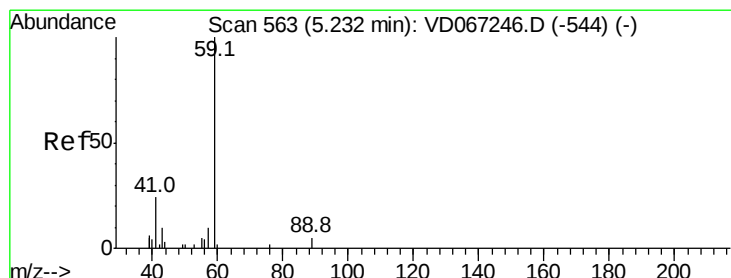
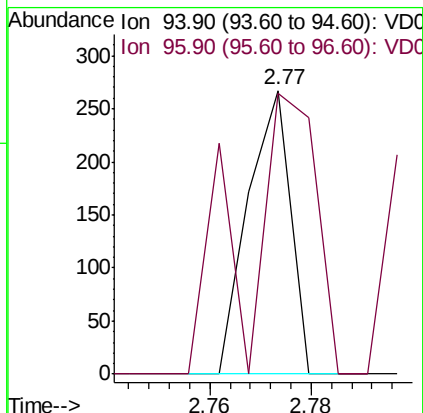
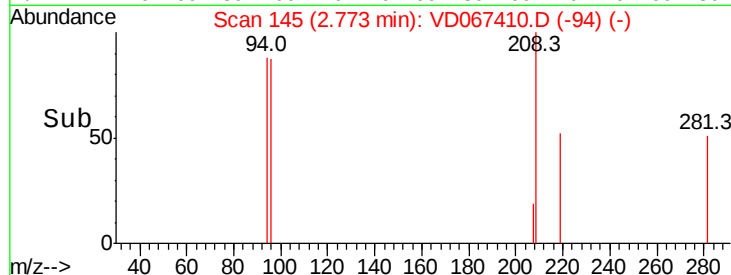
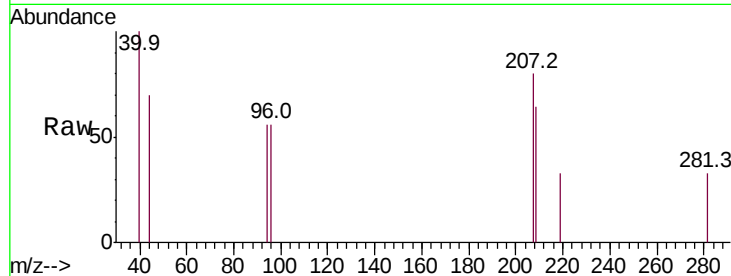
CS-40

Tot Ion: 94 Resp: 155

Ion Ratio Lower Upper

94 100

96 99.3 73.8 110.6



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 558

Delta R.T. -0.03 min

Lab File: VD067410.D

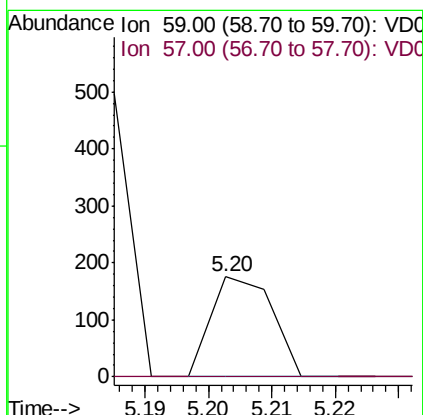
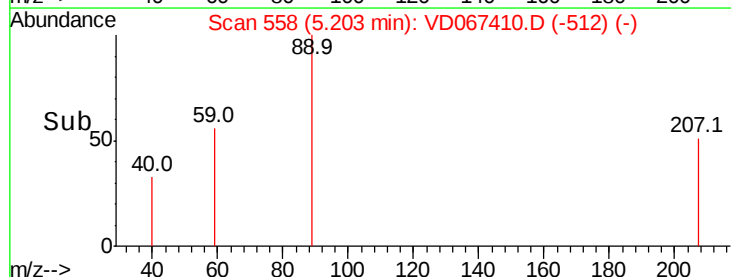
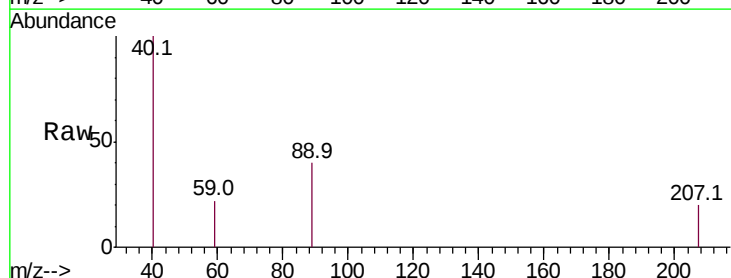
Acq: 27 Oct 2020 14:34

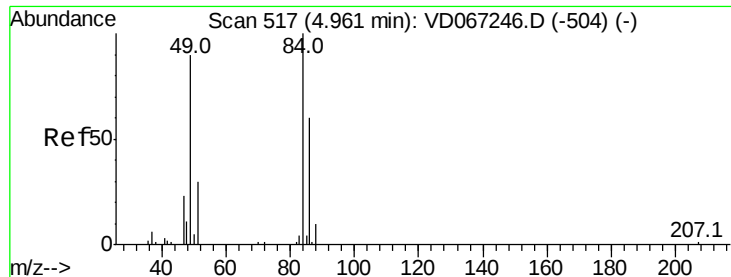
Tgt Ion: 59 Resp: 116

Ion Ratio Lower Upper

59 100

57 0.0 5.1 7.7#

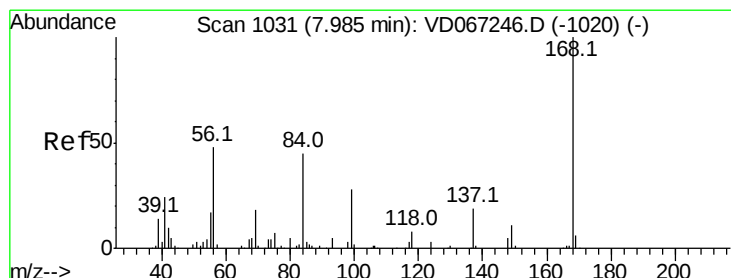
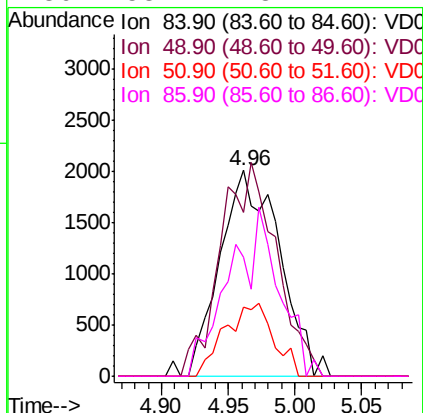
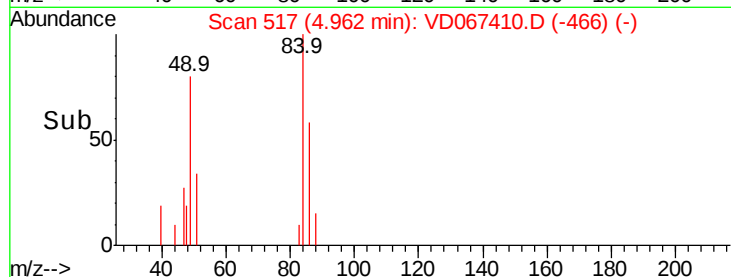
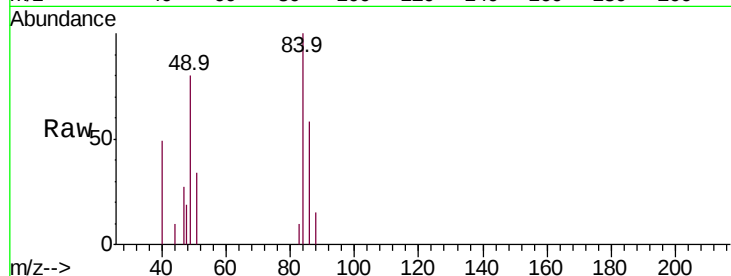




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067410.D
Acq: 27 Oct 2020 14:34

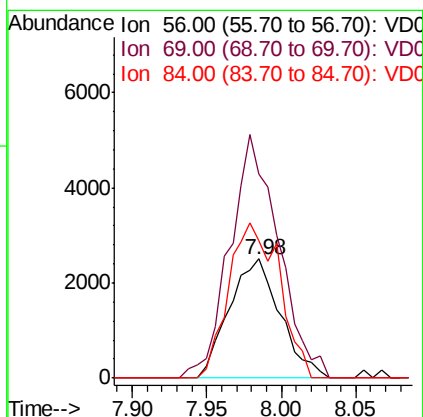
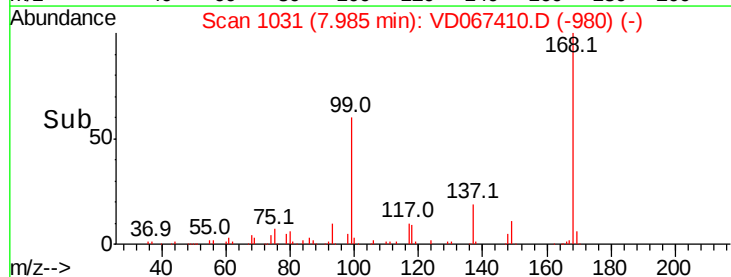
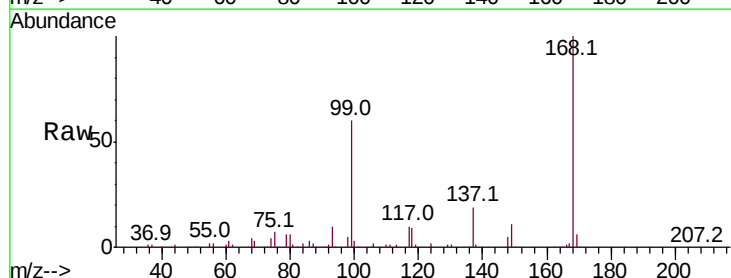
Instrument :
MSVOA_D
ClientSampled :
CS-40

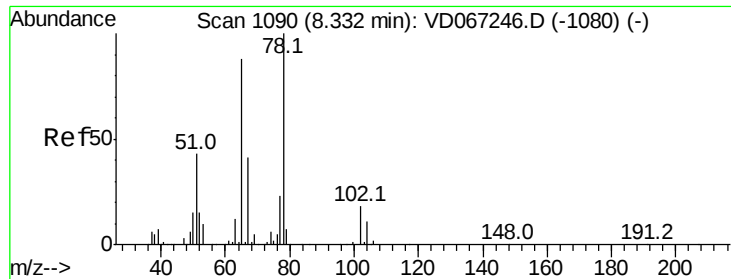
Tot Ion: 84 Resp: 6210
Ion Ratio Lower Upper
84 100
49 79.6 72.2 108.2
51 33.6 23.8 35.8
86 58.1 48.2 72.4



#31
Cyclohexane
Concen: 1.763 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067410.D
Acq: 27 Oct 2020 14:34

Tgt Ion: 56 Resp: 5982
Ion Ratio Lower Upper
56 100
69 171.1 29.8 44.6#
84 115.5 76.6 114.8#





#33

1,2-Dichloroethane-d4

Concen: 50.201 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067410.D

Acq: 27 Oct 2020 14:34

Instrument :

MSVOA_D

ClientSampleId :

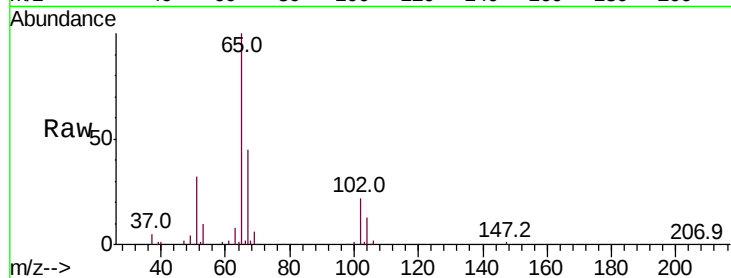
CS-40

Tot Ion: 65 Resp: 147927

Ion Ratio Lower Upper

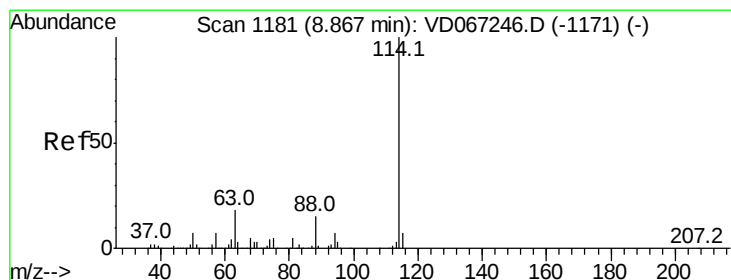
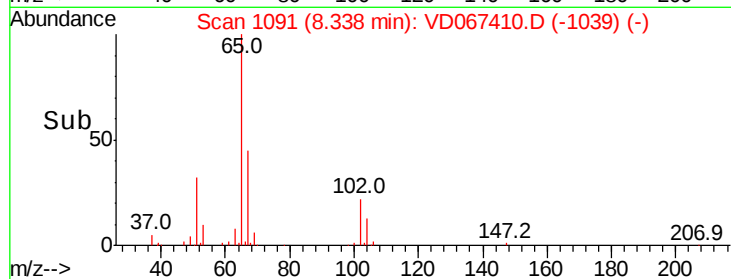
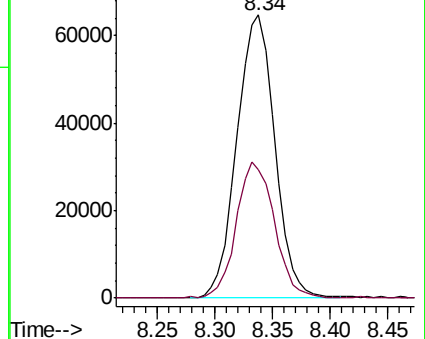
65 100

67 48.1 0.0 103.8



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: VD067410.D

Acq: 27 Oct 2020 14:34

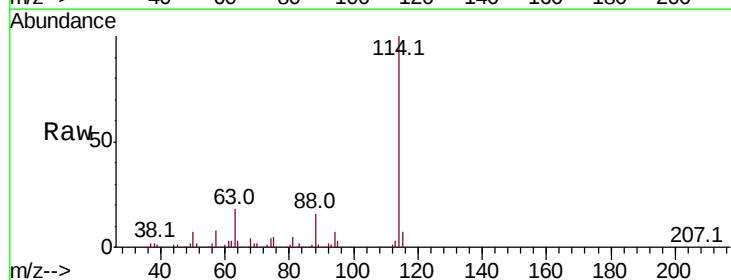
Tgt Ion: 114 Resp: 502044

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

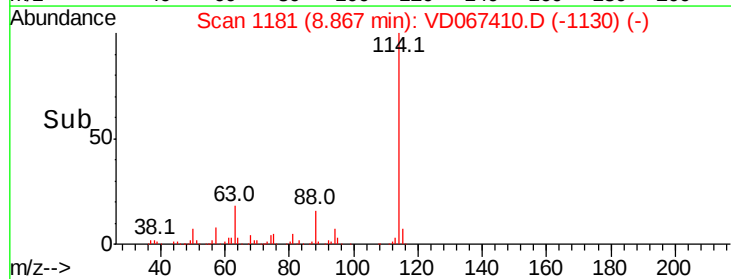
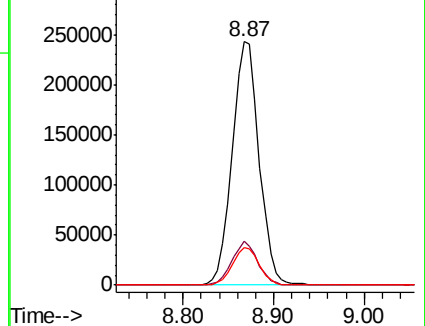
88 15.6 0.0 30.6

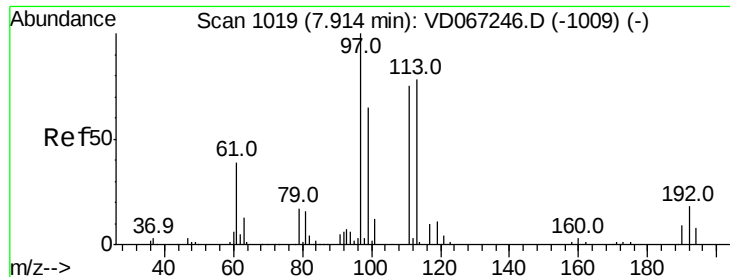


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

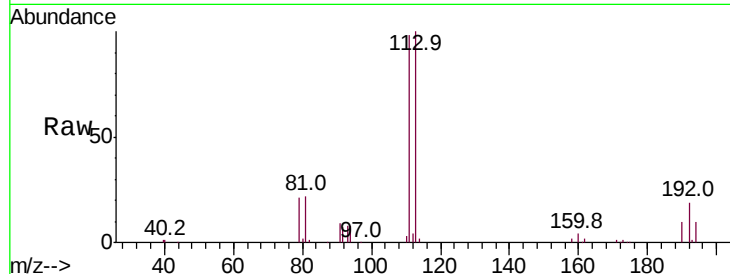




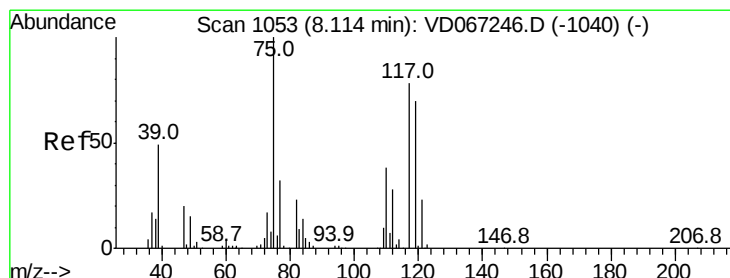
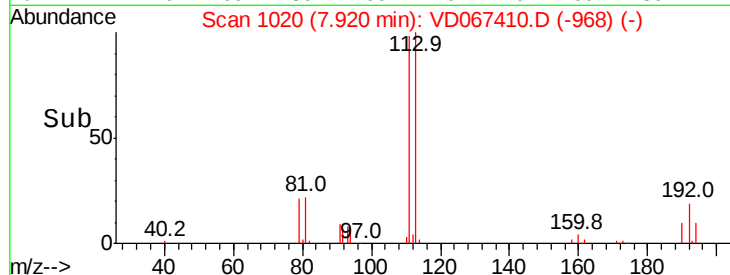
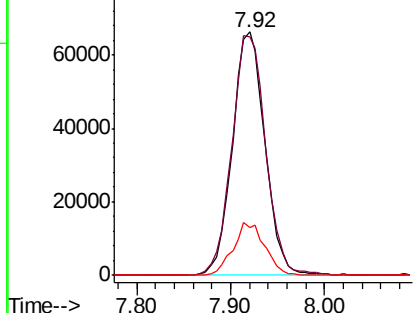
#35
 Dibromofluoromethane
 Concen: 47.606 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067410.D
 Acq: 27 Oct 2020 14:34

Instrument :
 MSVOA_D
 ClientSampled :
 CS-40

Tot Ion:113 Resp: 159056
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.6 122.4
 192 20.9 17.0 25.4

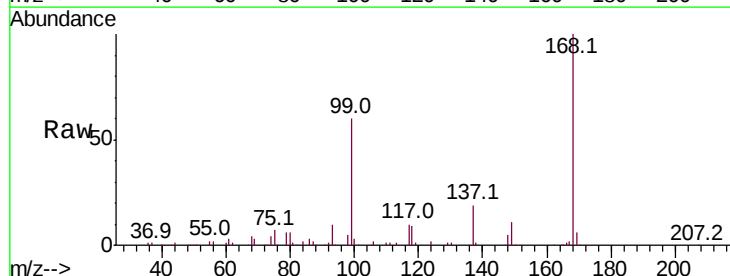


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

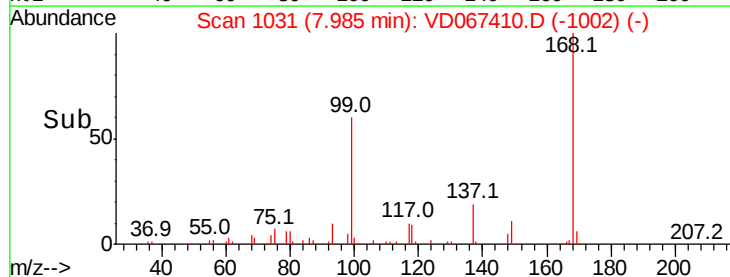
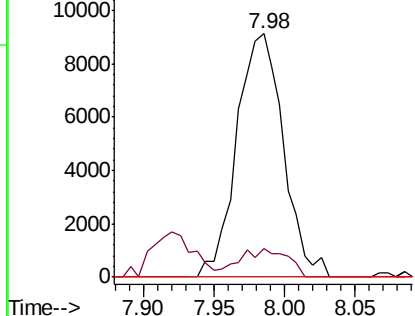


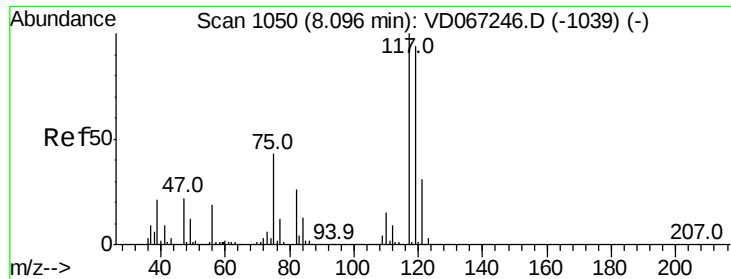
#36
 1,1-Dichloropropene
 Concen: 4.957 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD067410.D
 Acq: 27 Oct 2020 14:34

Tgt Ion: 75 Resp: 21091
 Ion Ratio Lower Upper
 75 100
 110 12.2 19.6 58.7#
 77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 5.435 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067410.D

Acq: 27 Oct 2020 14:34

Instrument :

MSVOA_D

ClientSampled :

CS-40

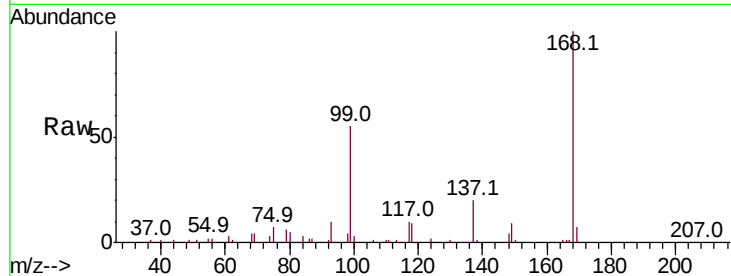
Tot Ion:117 Resp: 29556

Ion Ratio Lower Upper

117 100

119 3.3 75.0 112.4#

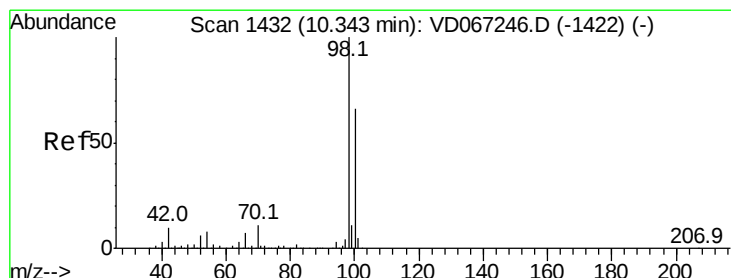
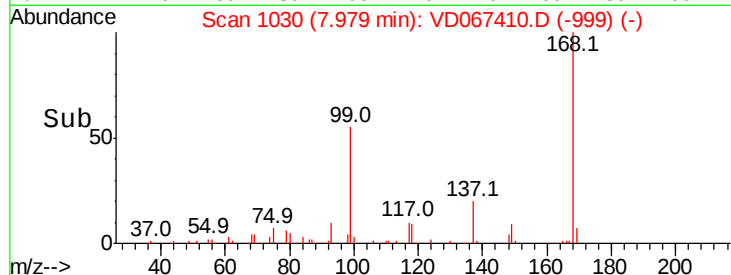
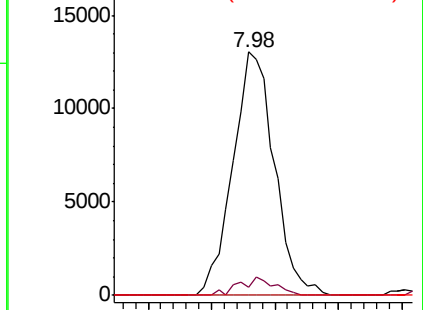
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.597 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067410.D

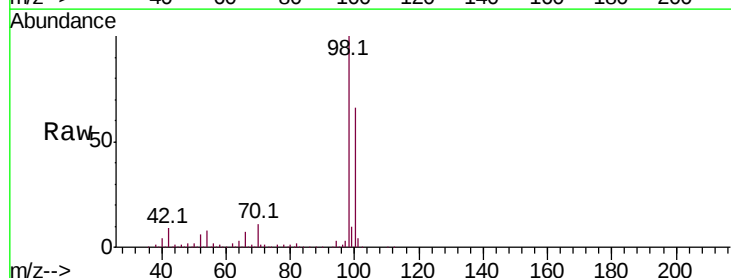
Acq: 27 Oct 2020 14:34

Tgt Ion: 98 Resp: 599692

Ion Ratio Lower Upper

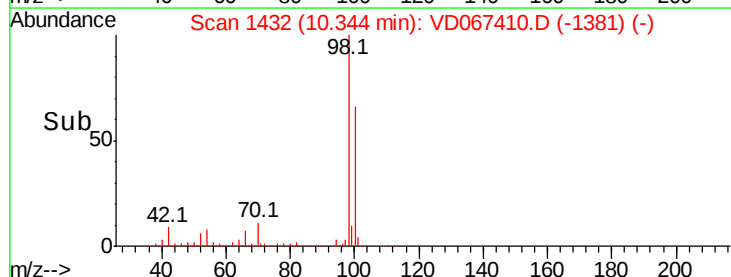
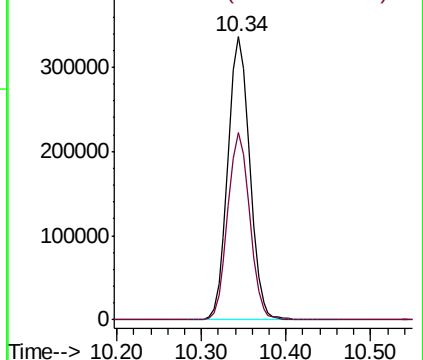
98 100

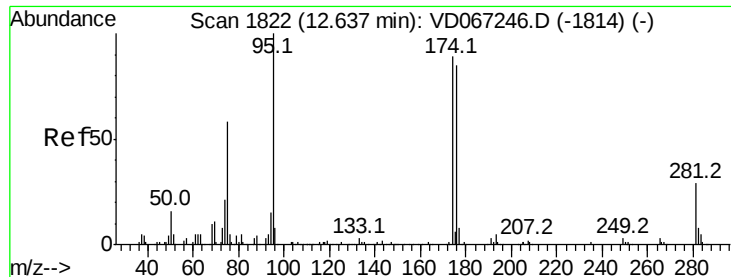
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

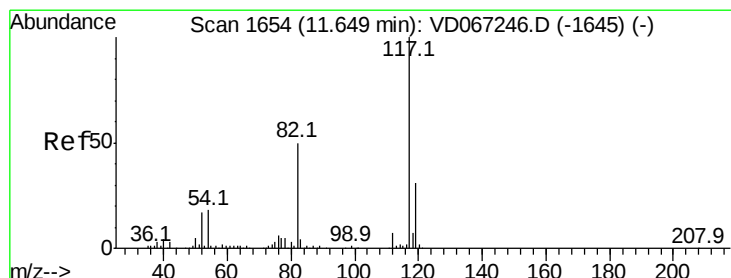
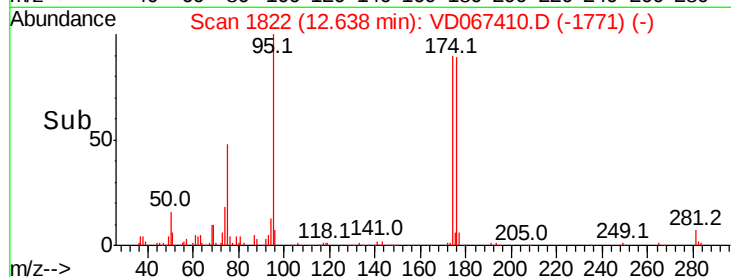
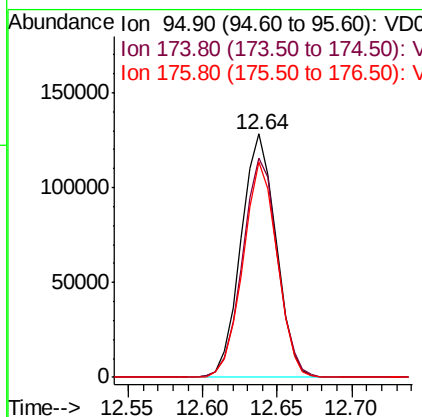
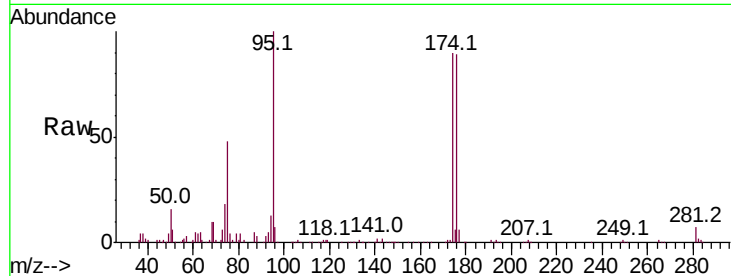




#62
4-Bromofluorobenzene
Concen: 49.536 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067410.D
Acq: 27 Oct 2020 14:34

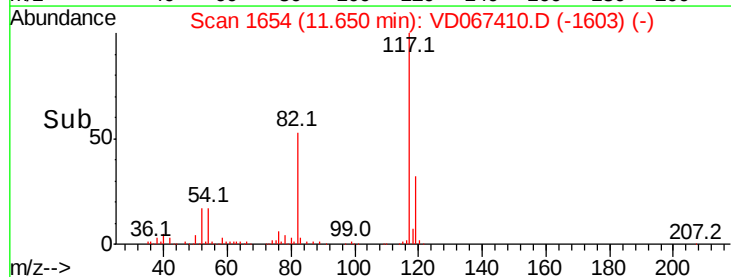
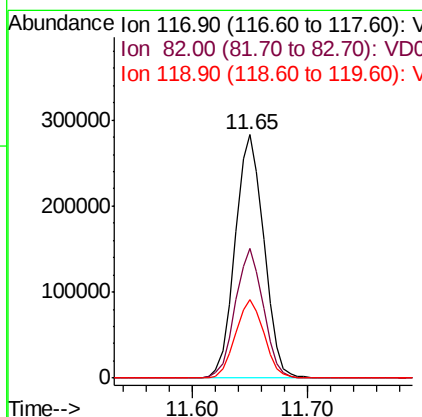
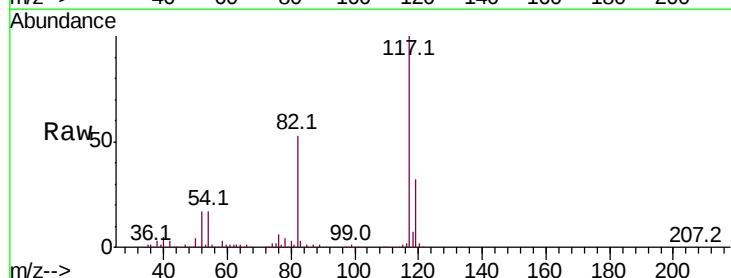
Instrument :
MSVOA_D
ClientSampleId :
CS-40

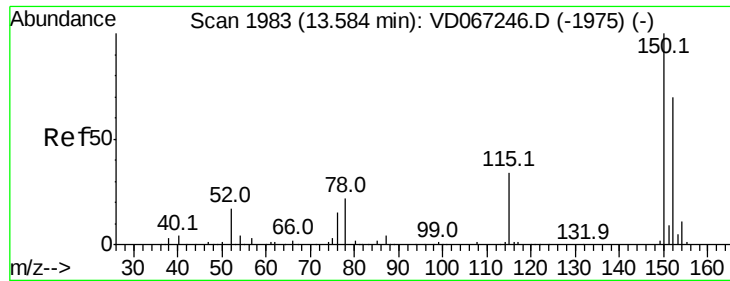
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	175.2
176	86.4	0.0	168.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067410.D
Acq: 27 Oct 2020 14:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	39.9	59.9
119	32.0	24.9	37.3



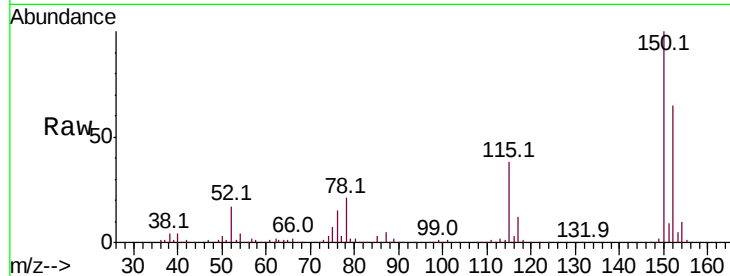


#72

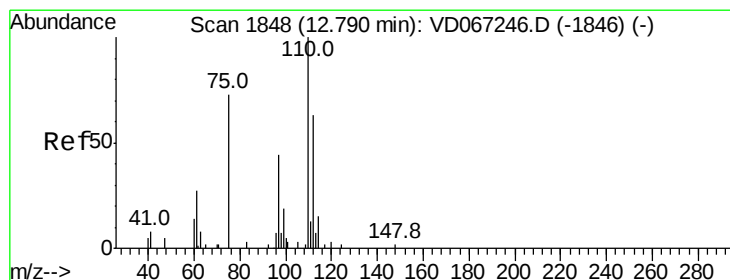
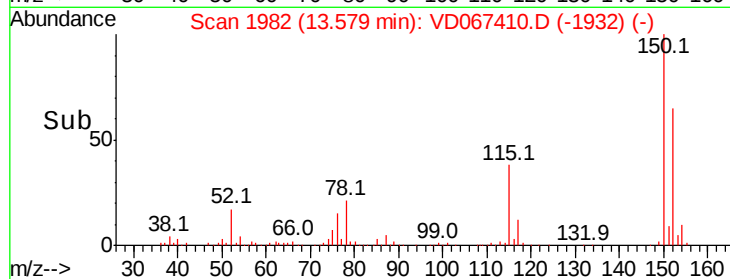
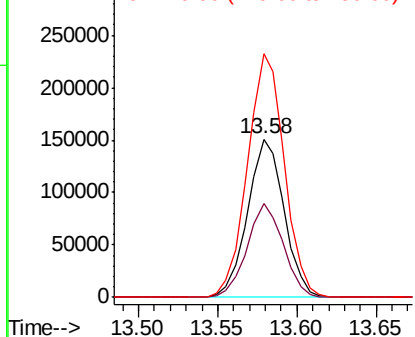
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067410.D
Acq: 27 Oct 2020 14:34

Instrument :
MSVOA_D
ClientSampleId :
CS-40

Tot Ion:152 Resp: 241116
Ion Ratio Lower Upper
152 100
115 58.8 29.3 87.9
150 155.6 0.0 339.0



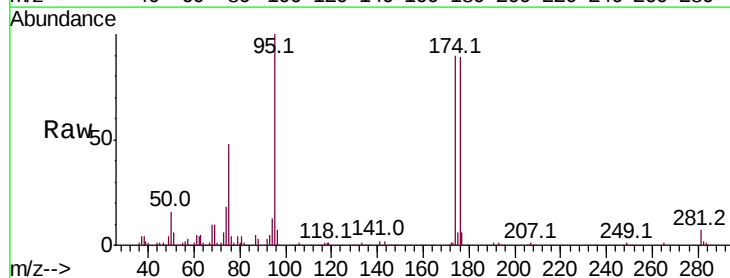
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



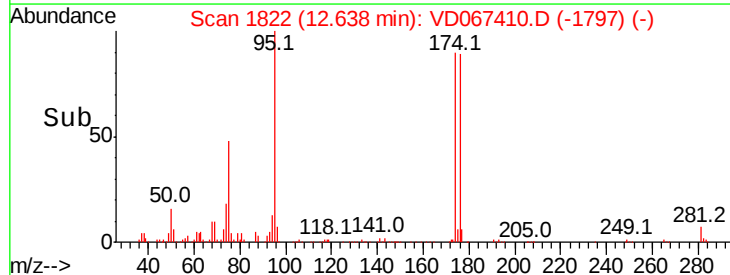
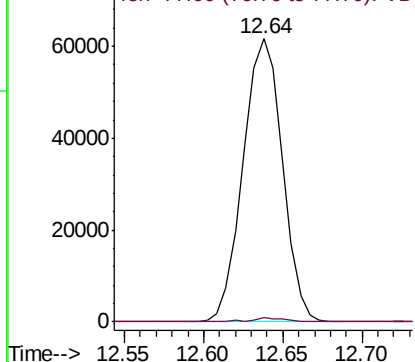
#76

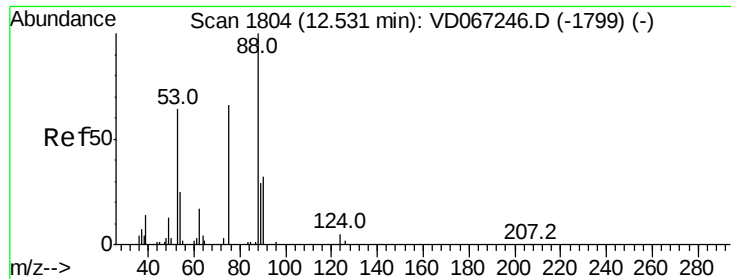
1,2,3-Trichloropropane
Concen: 63.656 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067410.D
Acq: 27 Oct 2020 14:34

Tgt Ion: 75 Resp: 106379
Ion Ratio Lower Upper
75 100
77 1.2 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: 144.352 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067410.D

Acq: 27 Oct 2020 14:34

Instrument :

MSVOA_D

ClientSampleId :

CS-40

Tot Ion: 75 Resp: 106379

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 39.9 59.9#

