

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067395.D
 Acq On : 26 Oct 2020 16:30
 Operator : VA/SY
 Sample : L4510-07
 Misc : 5.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-7

Quant Time: Oct 27 00:53:07 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	64191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	100114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	109575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	58698	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	48335	75.16	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.92	113	38304	57.49	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.34	98	121297	50.31	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.64	95	44788	53.42	ug/l	0.00
Spiked Amount						

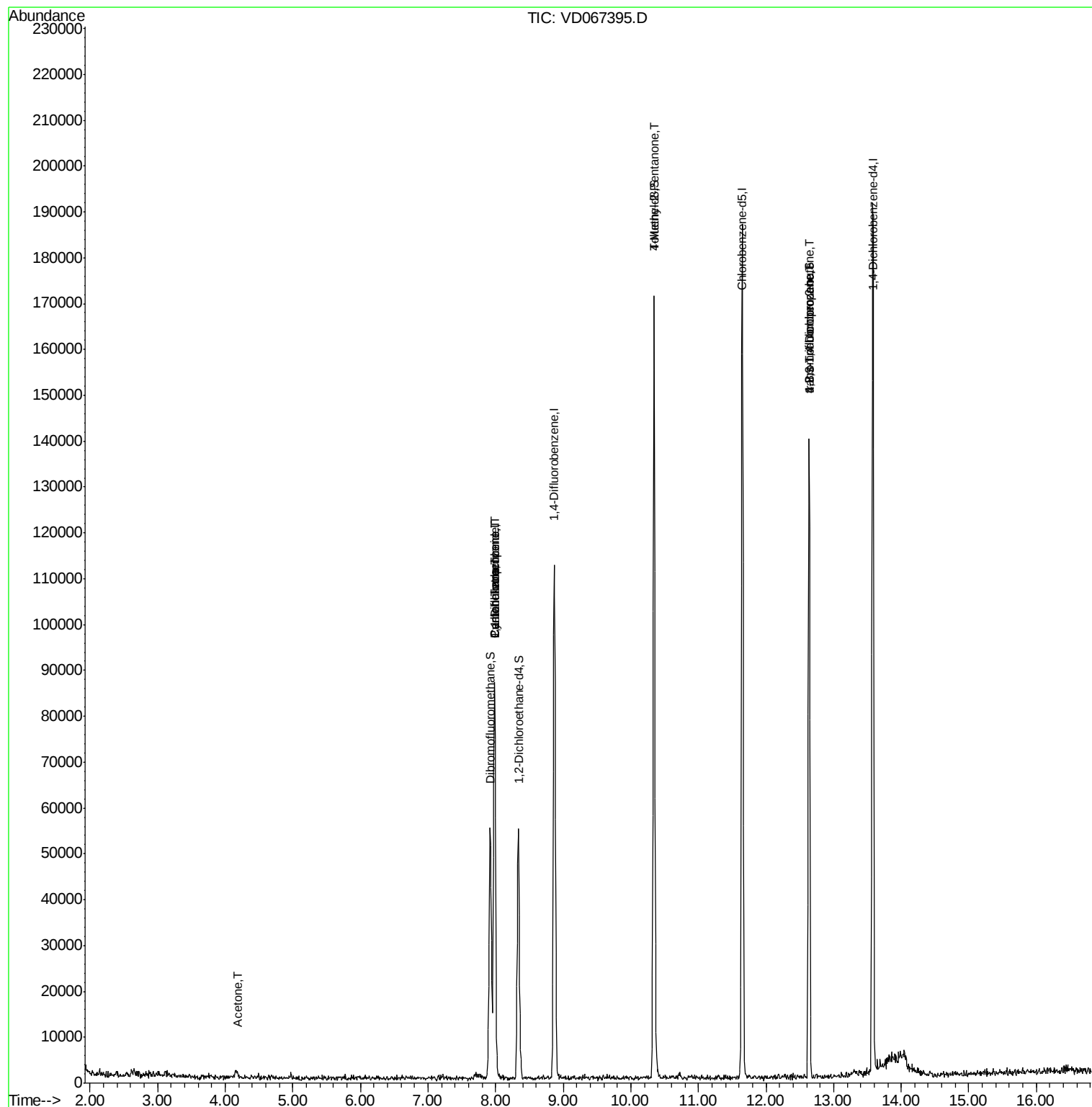
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	58	Below Cal	#	3
16) Acetone	4.18	43	2994	33.242	ug/l #	77
20) Methylene Chloride	4.96	84	215	Below Cal	#	41
31) Cyclohexane	7.98	56	1565	2.113	ug/l #	53
36) 1,1-Dichloropropene	7.98	75	4817	5.677	ug/l #	42
38) Carbon Tetrachloride	7.99	117	7390	6.814	ug/l #	17
51) 4-Methyl-2-Pentanone	10.35	43	389	1.574	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	22768	55.964	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	22768	126.910	ug/l #	10

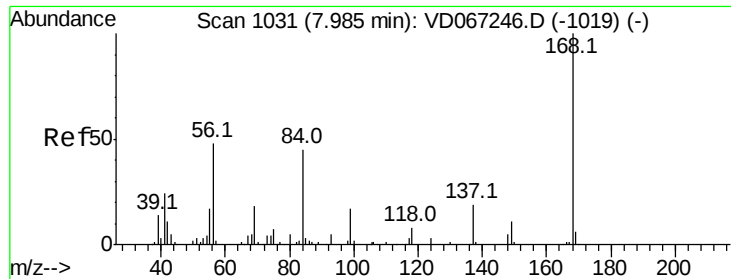
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1031

Delta R.T. 0.00 min

Lab File: VD067395.D

Acq: 26 Oct 2020 16:30

Instrument :

MSVOA_D

ClientSampleId :

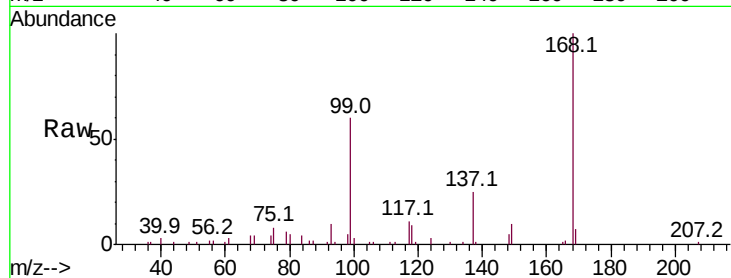
VOC-7

Tot Ion:168 Resp: 64191

Ion Ratio Lower Upper

168 100

99 59.5 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

30000

25000

20000

15000

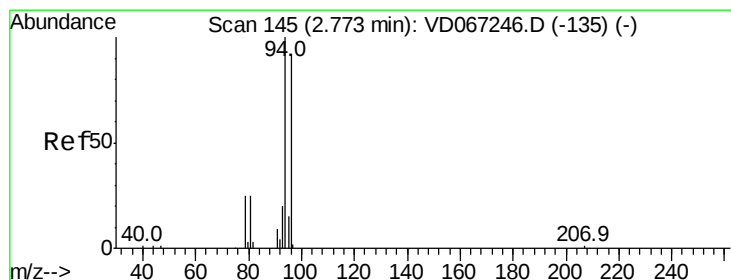
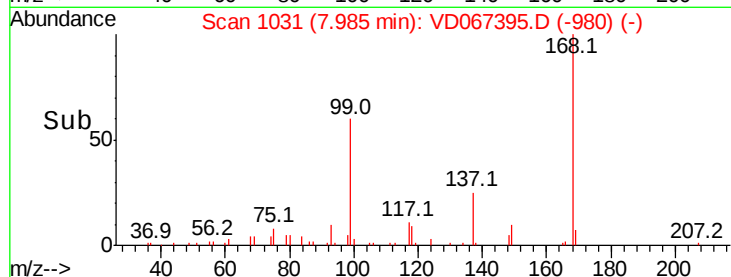
10000

5000

0

Time-->

7.90 7.95 8.00 8.05



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 148

Delta R.T. 0.02 min

Lab File: VD067395.D

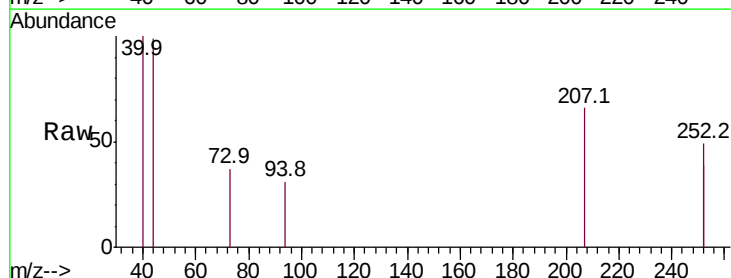
Acq: 26 Oct 2020 16:30

Tgt Ion: 94 Resp: 58

Ion Ratio Lower Upper

94 100

96 0.0 73.8 110.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.79

200

150

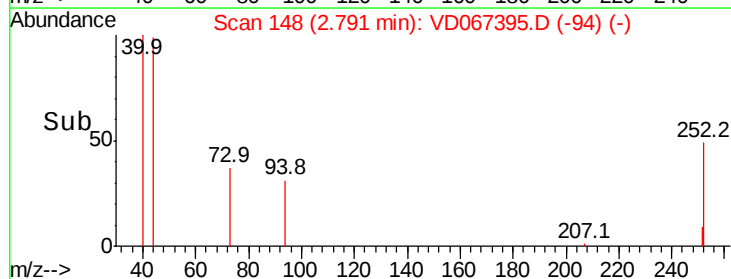
100

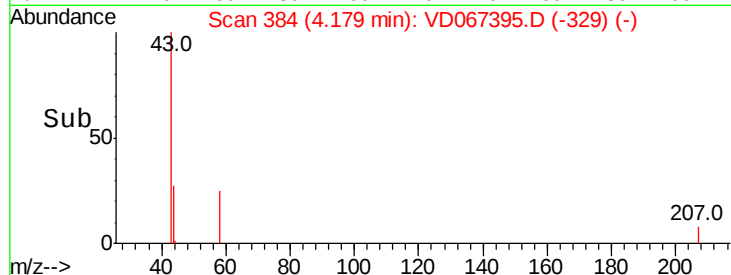
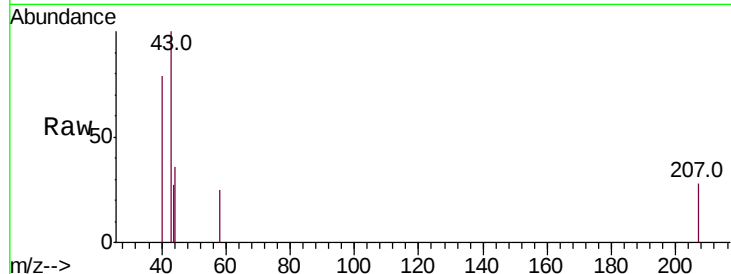
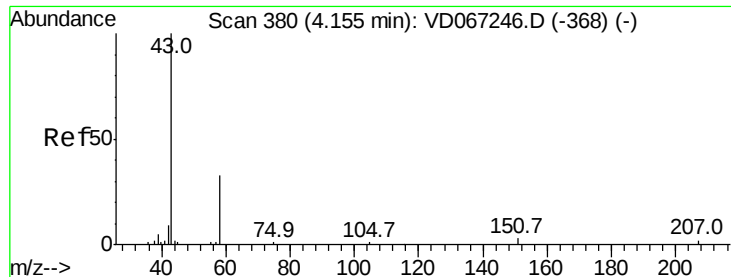
50

0

Time-->

2.77 2.78 2.79 2.80 2.81





#16

Acetone

Concen: 33.242 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.02 min

Lab File: VD067395.D

Acq: 26 Oct 2020 16:30

Instrument :

MSVOA_D

ClientSampleId :

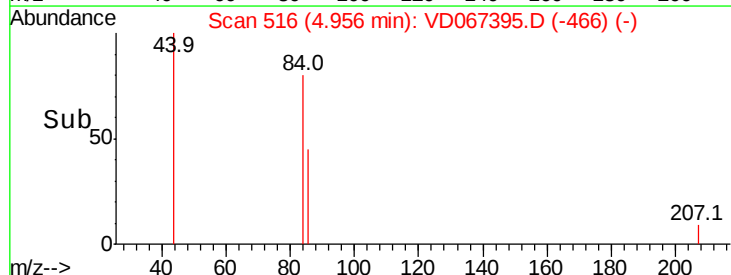
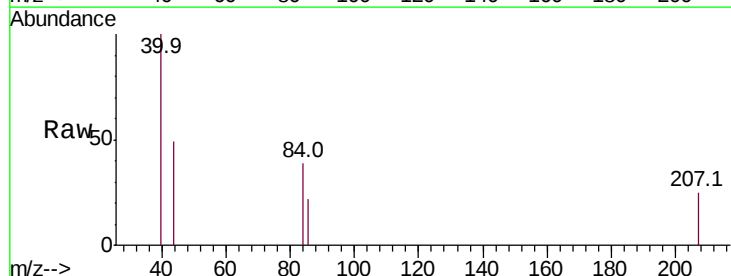
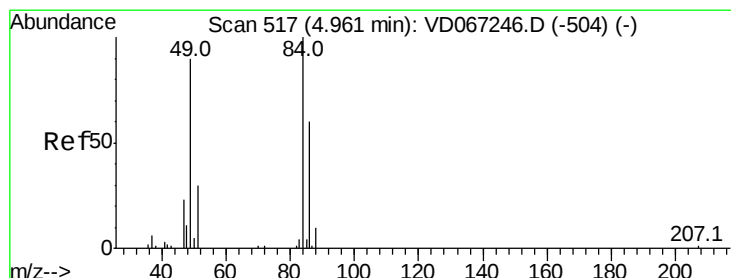
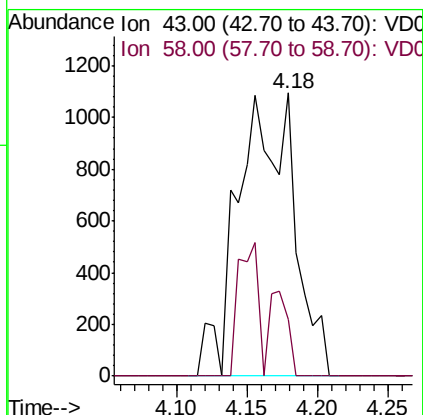
VOC-7

Tot Ion: 43 Resp: 2994

Ion Ratio Lower Upper

43 100

58 19.9 26.1 39.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD067395.D

Acq: 26 Oct 2020 16:30

Tgt Ion: 84 Resp: 215

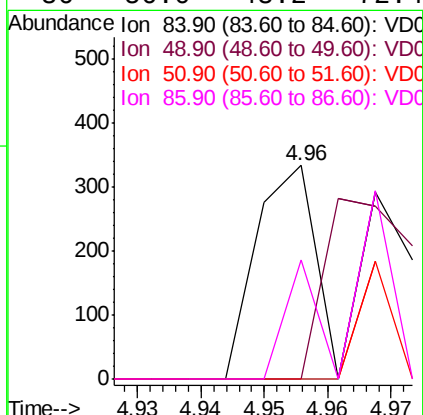
Ion Ratio Lower Upper

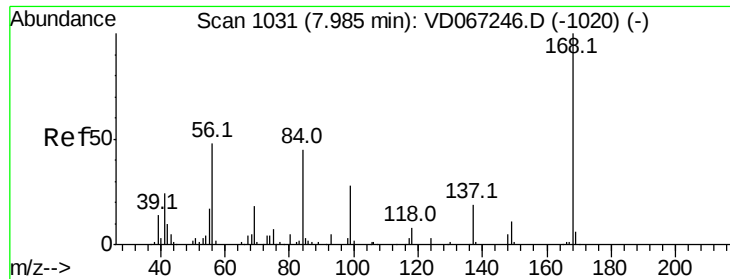
84 100

49 0.0 72.2 108.2#

51 0.0 23.8 35.8#

86 56.0 48.2 72.4

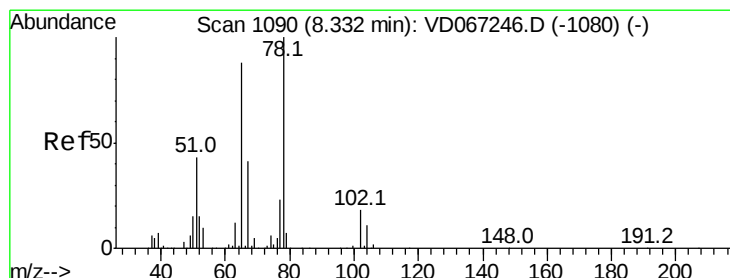
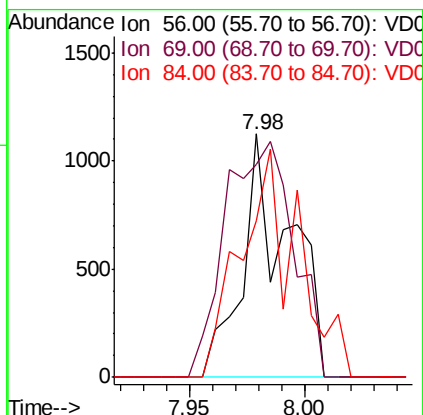
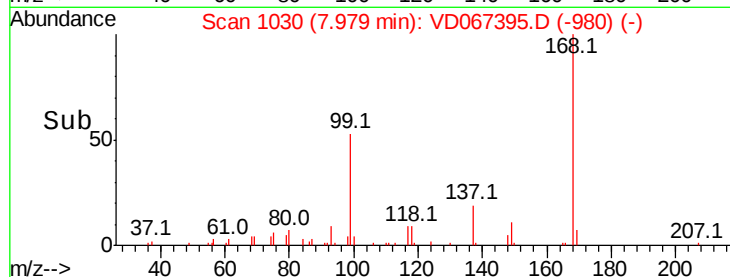
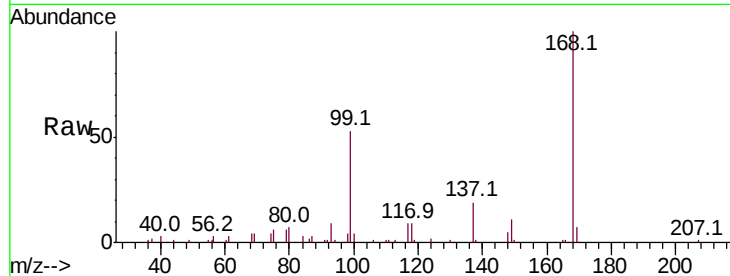




#31
Cyclohexane
Concen: 2.113 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067395.D
Acq: 26 Oct 2020 16:30

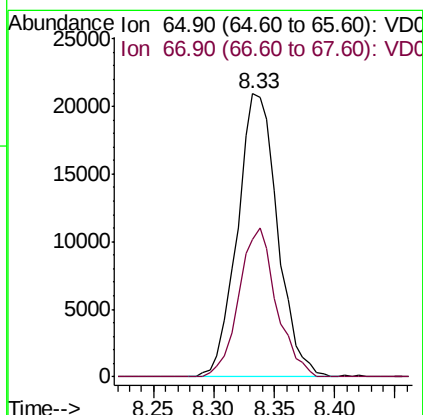
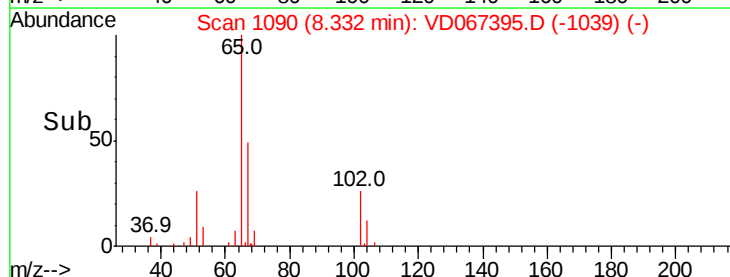
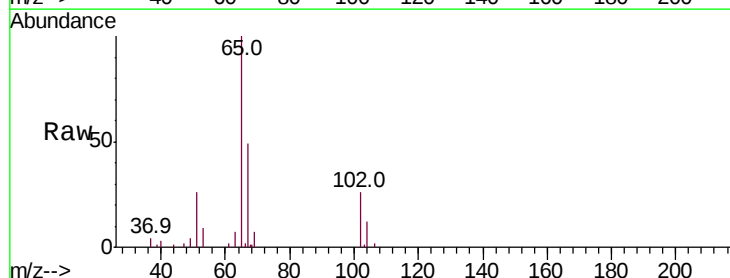
Instrument :
MSVOA_D
ClientSampled :
VOC-7

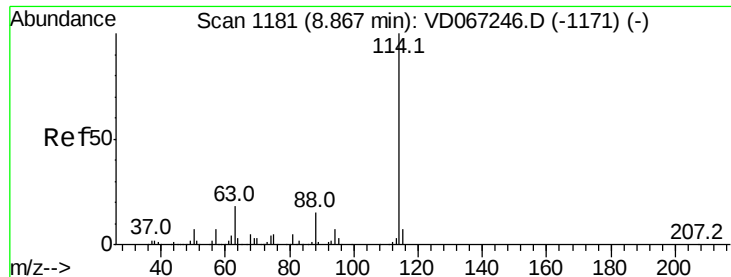
Tot Ion: 56 Resp: 1565
Ion Ratio Lower Upper
56 100
69 87.4 29.8 44.6#
84 64.4 76.6 114.8#



#33
1,2-Dichloroethane-d4
Concen: 75.160 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067395.D
Acq: 26 Oct 2020 16:30

Tgt Ion: 65 Resp: 48335
Ion Ratio Lower Upper
65 100
67 49.0 0.0 103.8

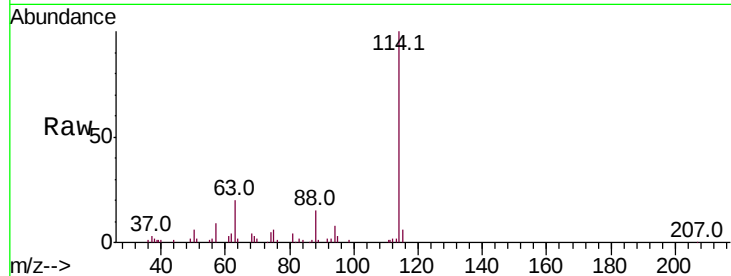




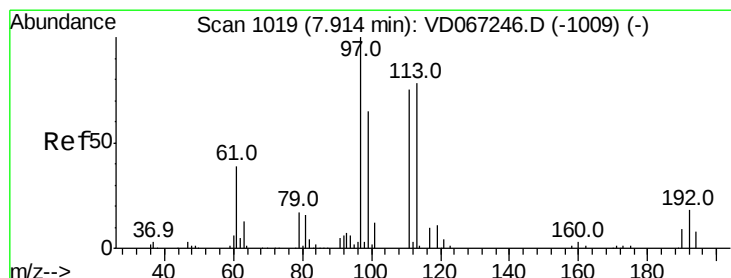
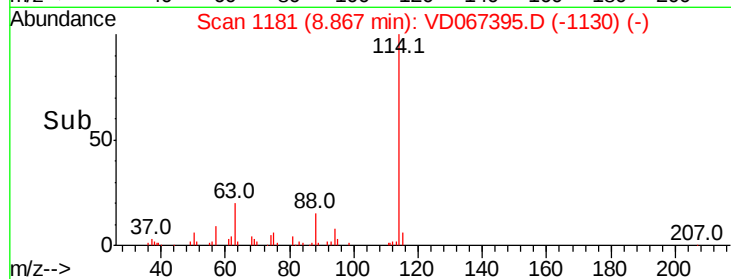
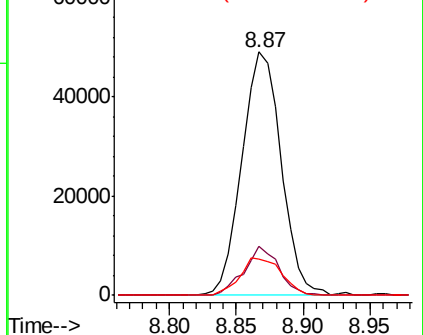
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067395.D
Acq: 26 Oct 2020 16:30

Instrument :
MSVOA_D
ClientSampleId :
VOC-7

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	35.0
88	14.6	0.0	30.6

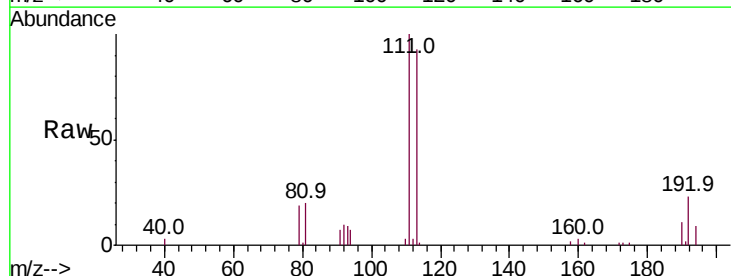


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

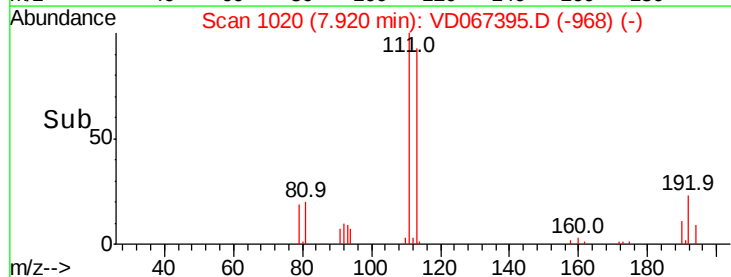
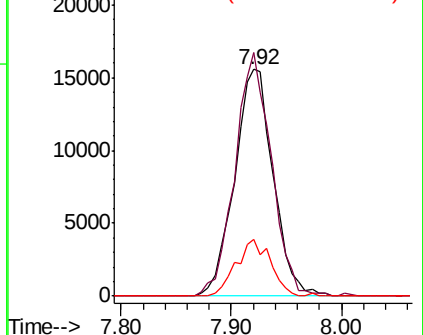


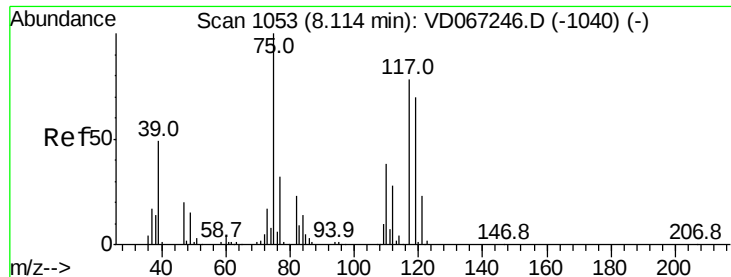
#35
Dibromofluoromethane
Concen: 57.491 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067395.D
Acq: 26 Oct 2020 16:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.6	122.4
192	22.1	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

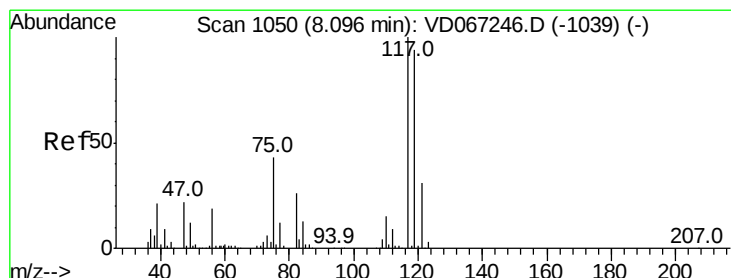
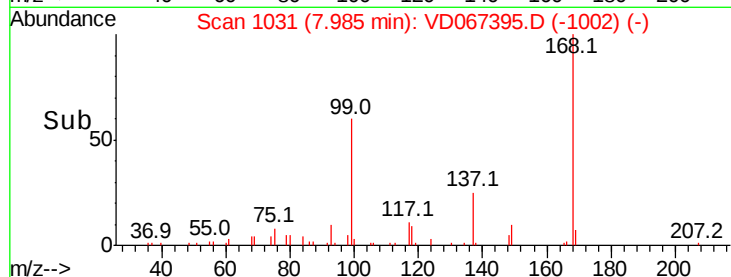
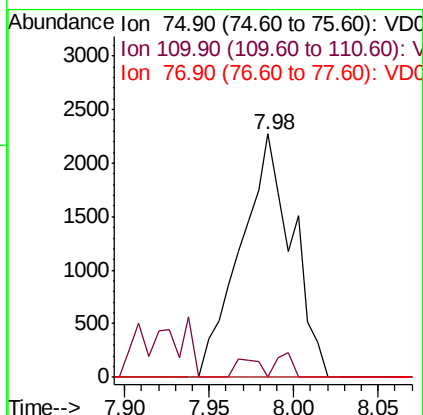
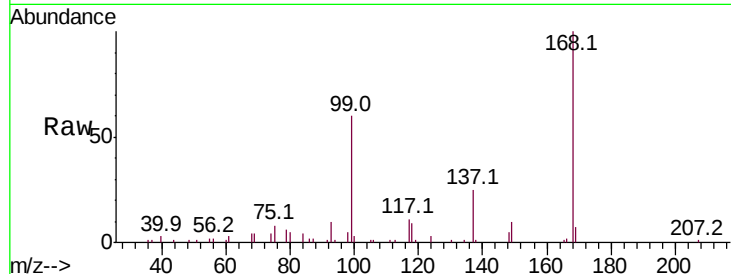




#36
 1,1-Dichloropropene
 Concen: 5.677 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD067395.D
 Acq: 26 Oct 2020 16:30

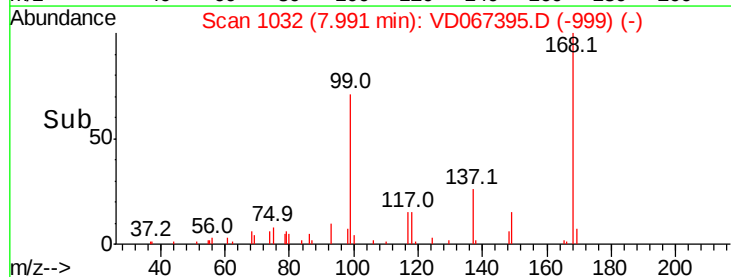
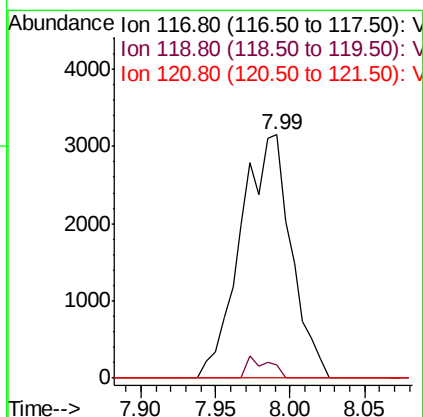
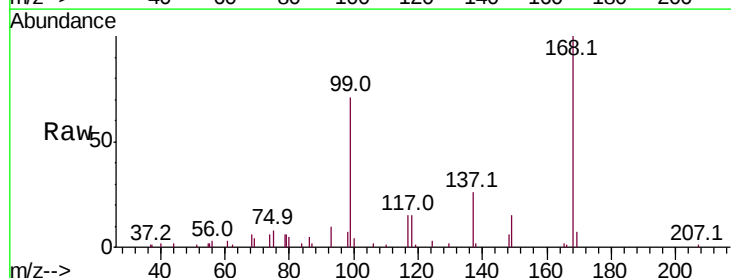
Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-7

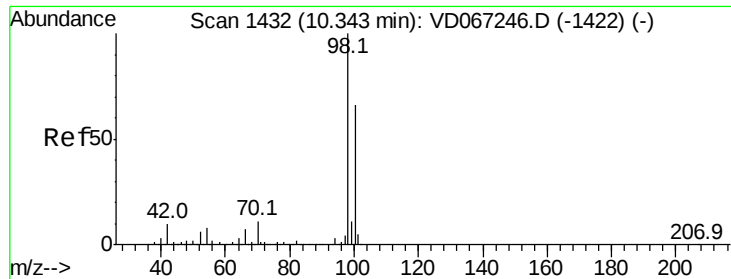
Tot Ion: 75 Resp: 4817
 Ion Ratio Lower Upper
 75 100
 110 3.1 19.6 58.7#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.814 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.11 min
 Lab File: VD067395.D
 Acq: 26 Oct 2020 16:30

Tgt Ion: 117 Resp: 7390
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.0 112.4#
 121 0.0 24.9 37.3#

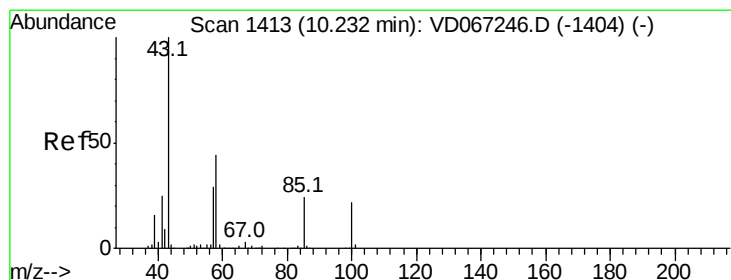
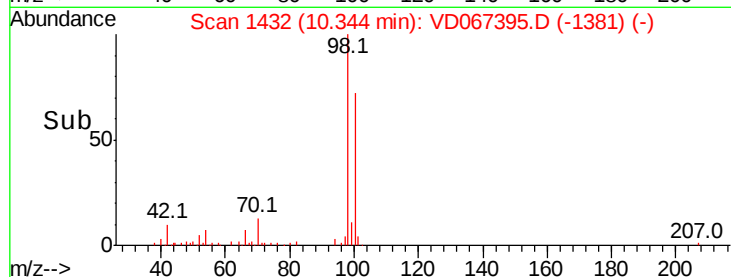
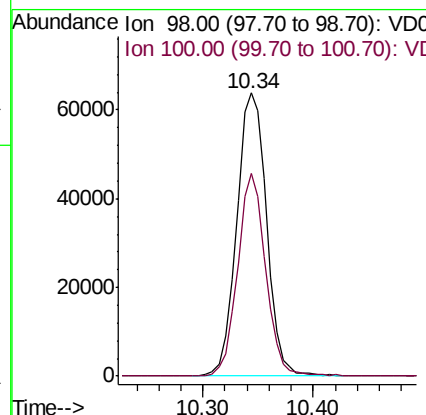
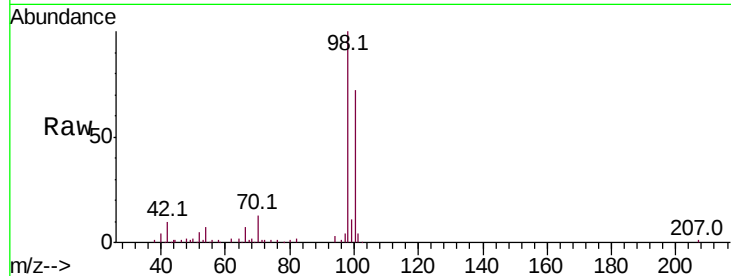




#50
Toluene-d8
Concen: 50.307 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067395.D
Acq: 26 Oct 2020 16:30

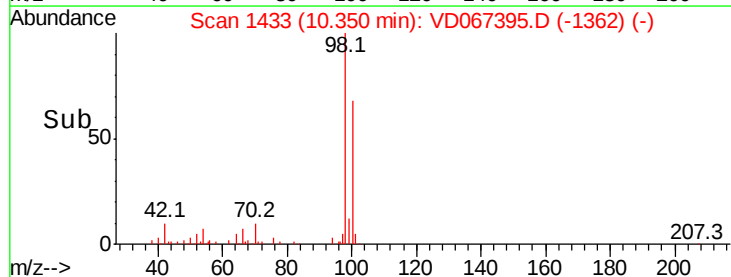
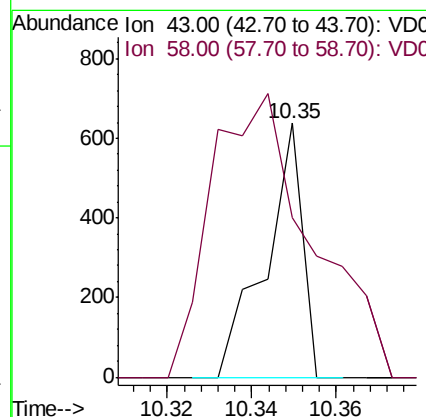
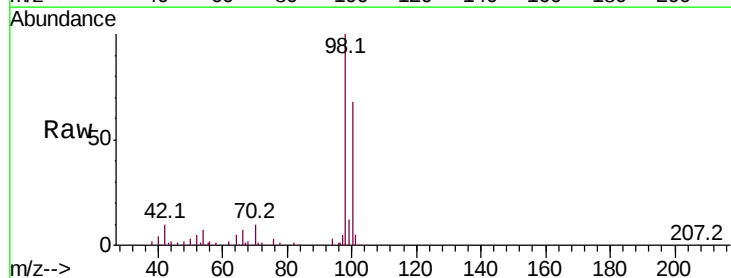
Instrument :
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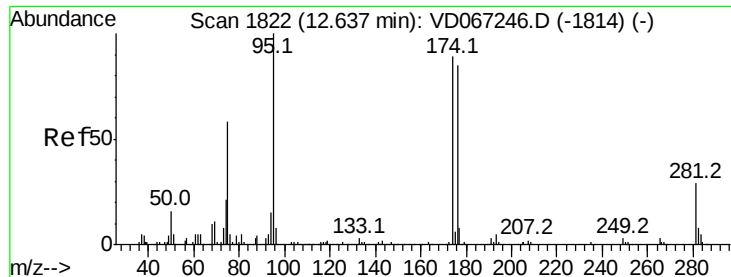
Tot Ion: 98 Resp: 121297
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.574 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.12 min
Lab File: VD067395.D
Acq: 26 Oct 2020 16:30

Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
58 301.0 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 53.421 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067395.D

Acq: 26 Oct 2020 16:30

Instrument :

MSVOA_D

ClientSampleId :

VOC-7

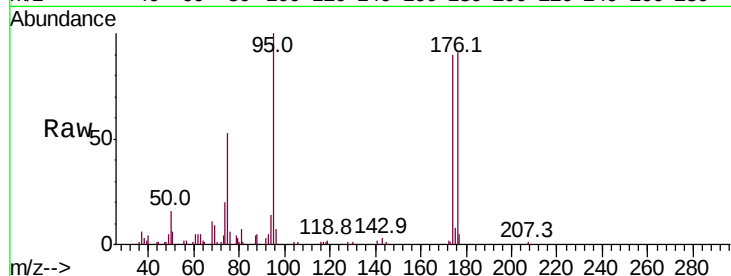
Tot Ion: 95 Resp: 44788

Ion Ratio Lower Upper

95 100

174 92.0 0.0 175.2

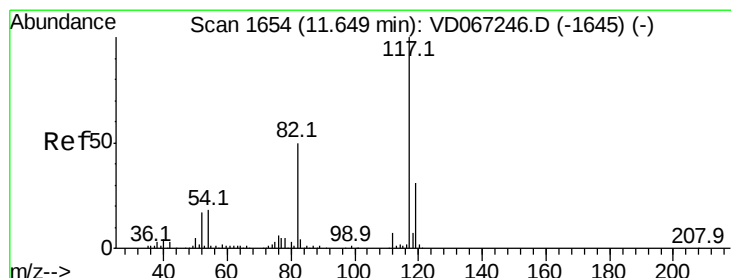
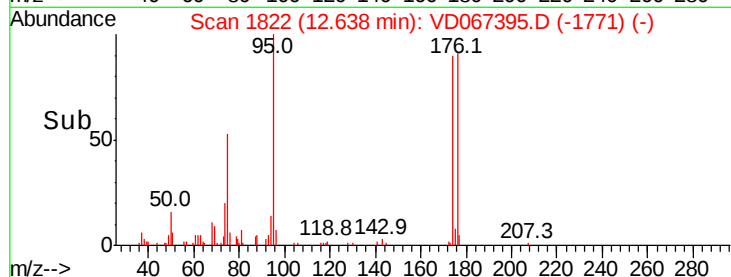
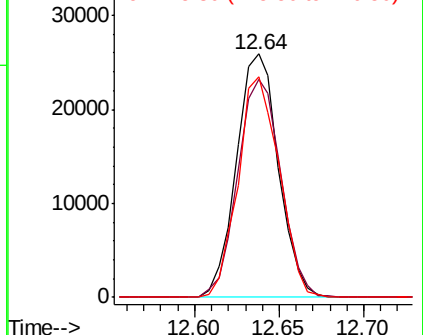
176 89.1 0.0 168.6



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: VD067395.D

Acq: 26 Oct 2020 16:30

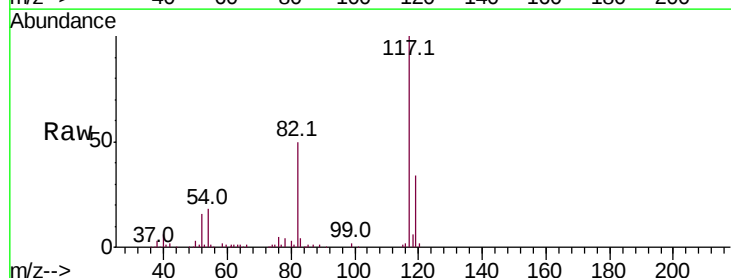
Tgt Ion: 117 Resp: 109575

Ion Ratio Lower Upper

117 100

82 50.5 39.9 59.9

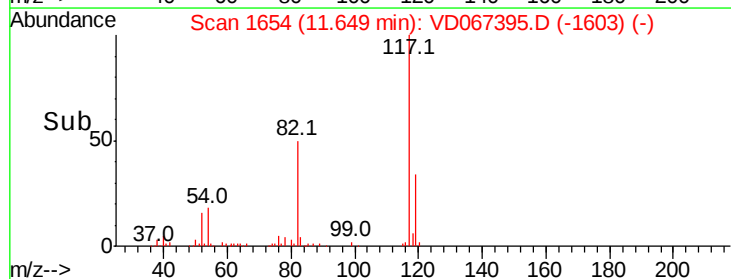
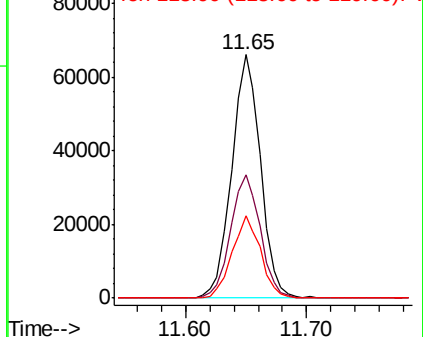
119 33.6 24.9 37.3

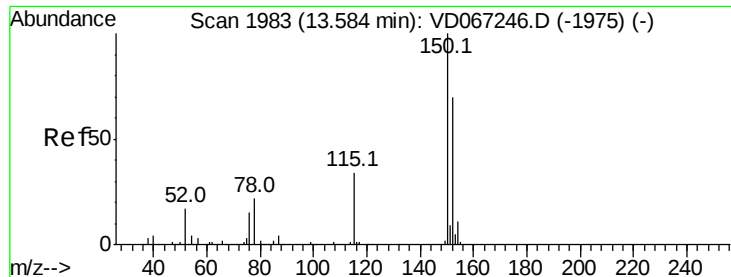


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067395.D

Acq: 26 Oct 2020 16:30

Instrument :

MSVOA_D

ClientSampleId :

VOC-7

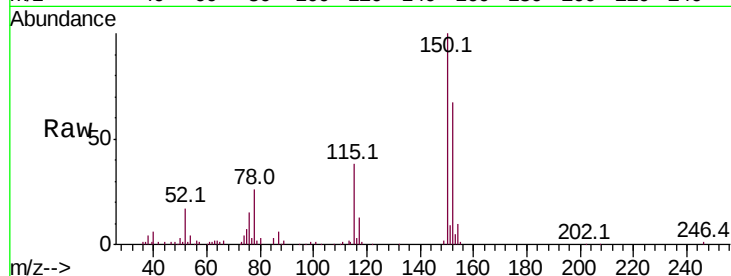
Tot Ion:152 Resp: 58698

Ion Ratio Lower Upper

152 100

115 54.5 29.3 87.9

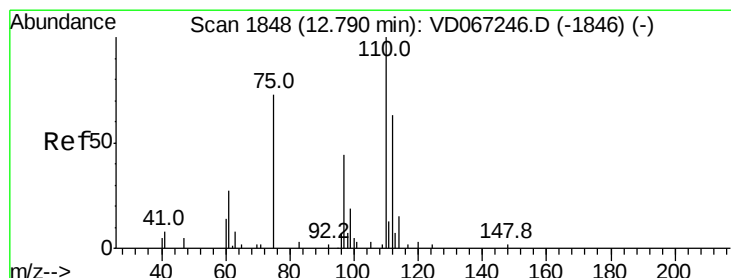
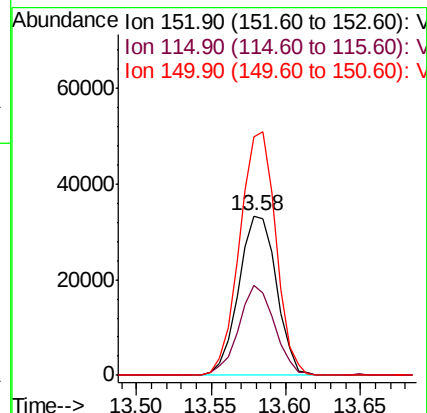
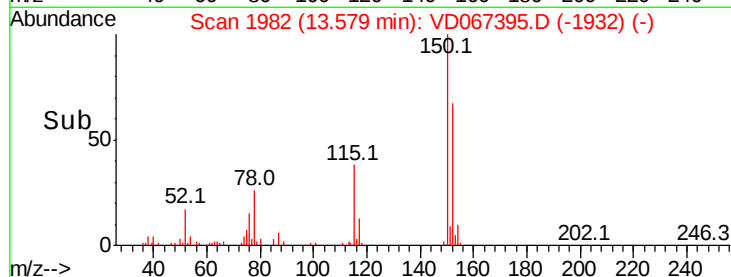
150 146.0 0.0 339.0



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: 55.964 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067395.D

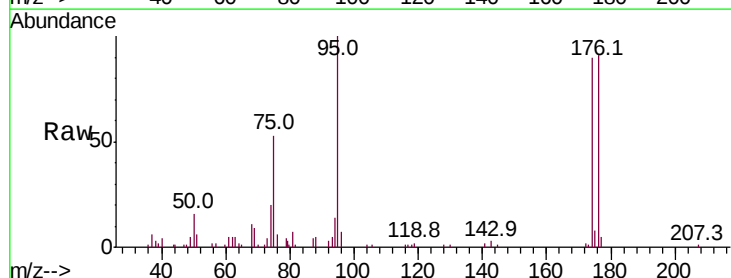
Acq: 26 Oct 2020 16:30

Tgt Ion: 75 Resp: 22768

Ion Ratio Lower Upper

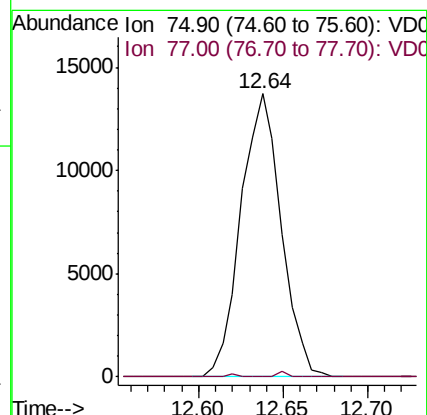
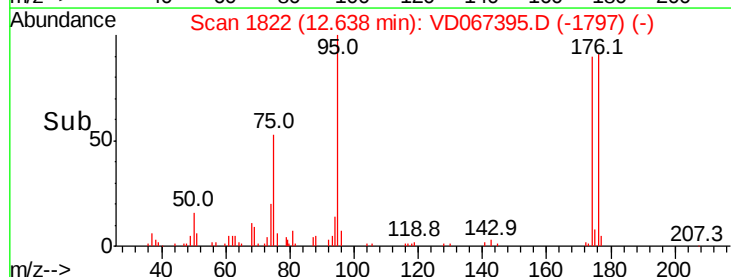
75 100

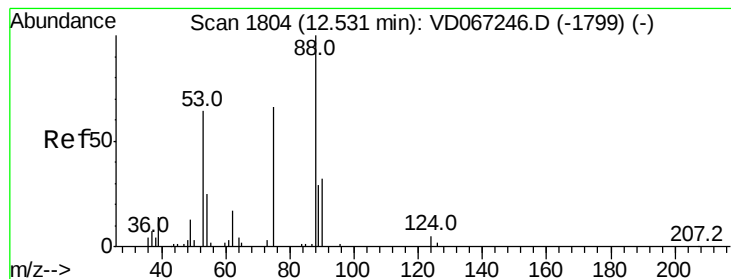
77 0.4 0.0 0.0#



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: 126.910 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067395.D

Acq: 26 Oct 2020 16:30

Instrument :

MSVOA_D

ClientSampleId :

VOC-7

Tot Ion: 75 Resp: 22768

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 39.9 59.9#

