

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067473.D
 Acq On : 30 Oct 2020 15:16
 Operator : VA/SY
 Sample : L4552-05
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VW-STONE-C

Quant Time: Oct 30 15:34:25 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

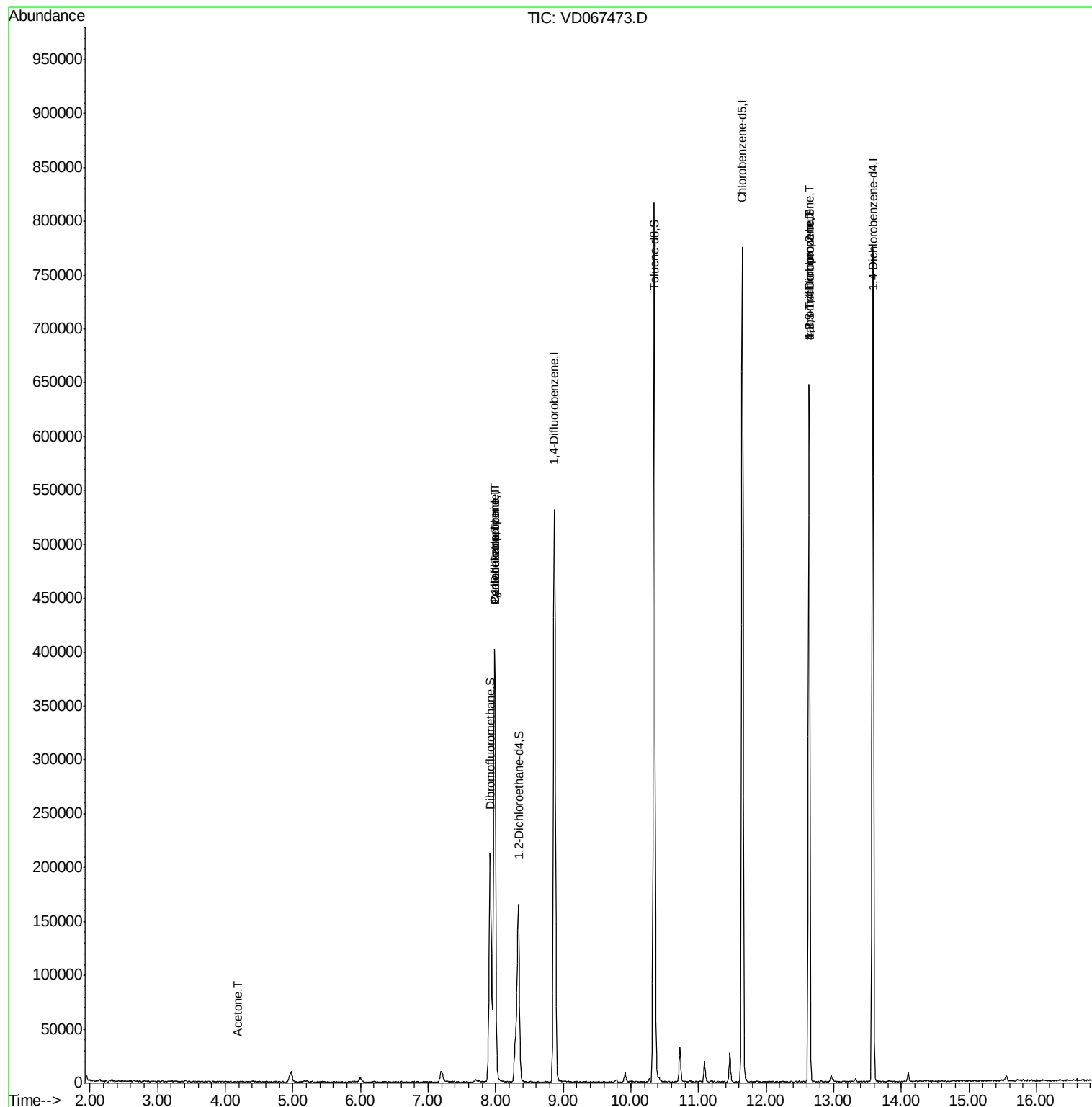
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	303960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	480523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	471410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	224939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	140663	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
35) Dibromofluoromethane	7.92	113	151239	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.34	98	567764	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.64	95	195368	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	408	Below Cal	#	44
11) Tert butyl alcohol	5.18	59	197	Below Cal	#	81
16) Acetone	4.18	43	630	1.477	ug/l #	42
20) Methylene Chloride	4.97	84	7396	Below Cal		90
31) Cyclohexane	7.98	56	6060	1.728	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	21240	5.215	ug/l #	51
38) Carbon Tetrachloride	7.98	117	30222	5.806	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	101142	64.875	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	101142	147.116	ug/l #	10

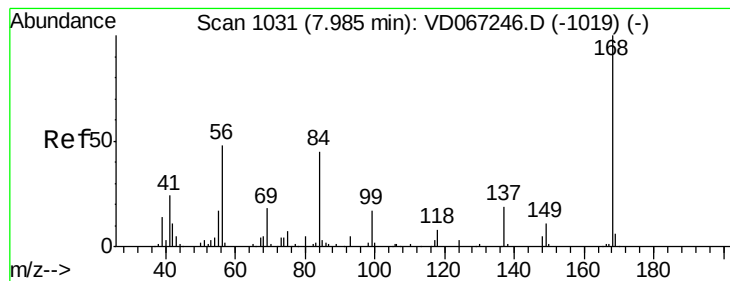
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103020\
Data File : VD067473.D
Acq On : 30 Oct 2020 15:16
Operator : VA/SY
Sample : L4552-05
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VW-STONE-C

Quant Time: Oct 30 15:34:25 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# 1031

Delta R.T. 0.00 min

Lab File: VD067473.D

Acq: 30 Oct 2020 15:16

Instrument :

MSVOA_D

ClientSampleId :

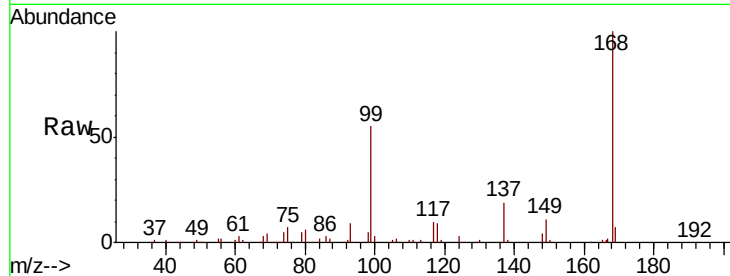
VW-STONE-C

Tot Ion:168 Resp: 303960

Ion Ratio Lower Upper

168 100

99 55.1 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

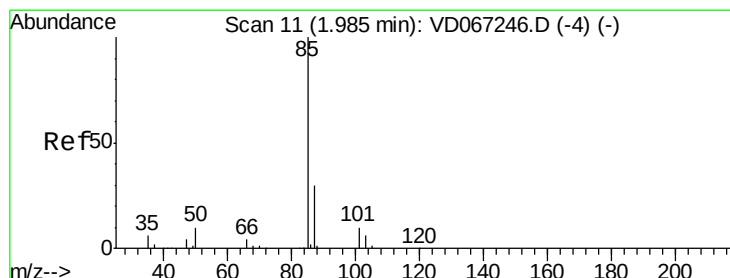
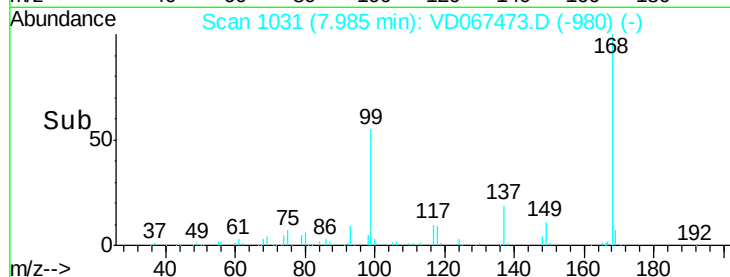
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067473.D

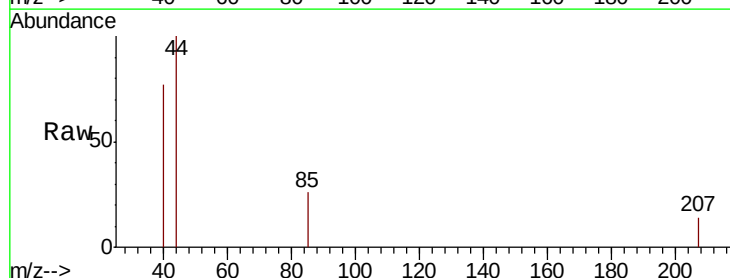
Acq: 30 Oct 2020 15:16

Tgt Ion: 85 Resp: 408

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

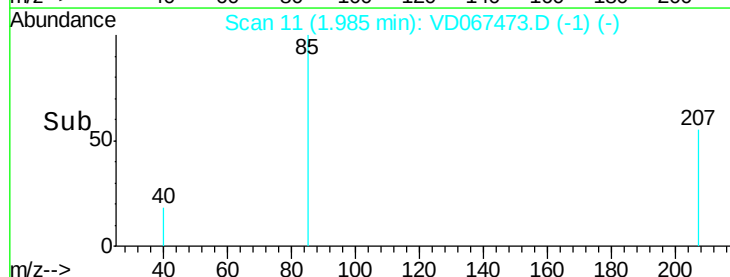
300

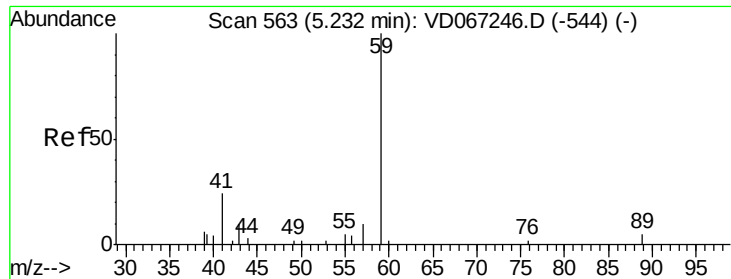
200

100

0

Time-->

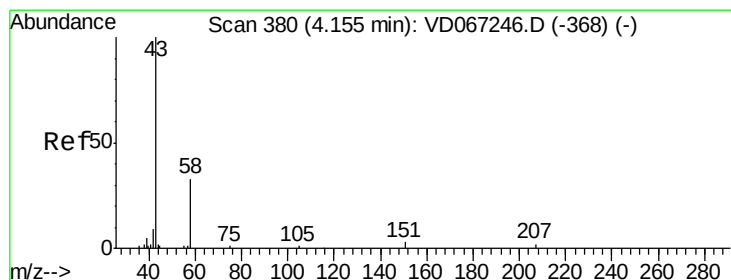
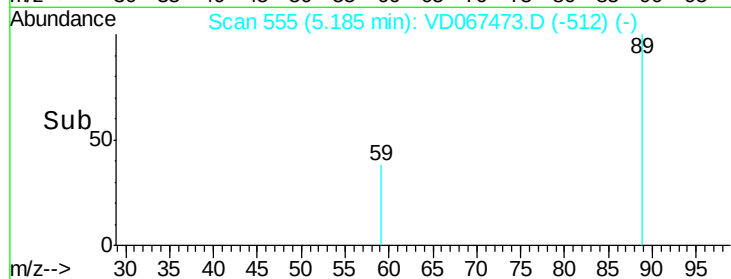
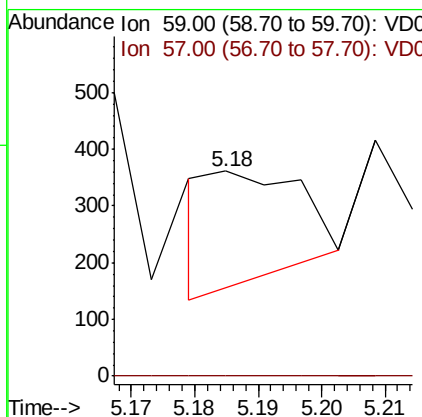
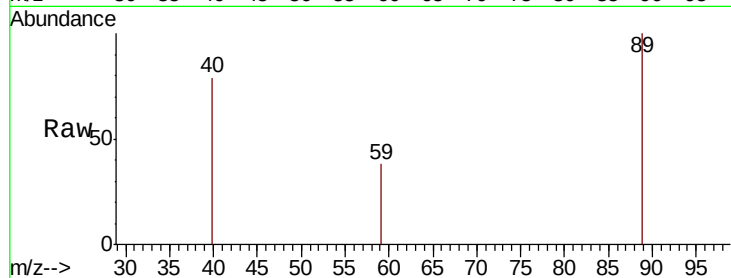




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.18 min Scan# 555
Delta R.T. -0.05 min
Lab File: VD067473.D
Acq: 30 Oct 2020 15:16

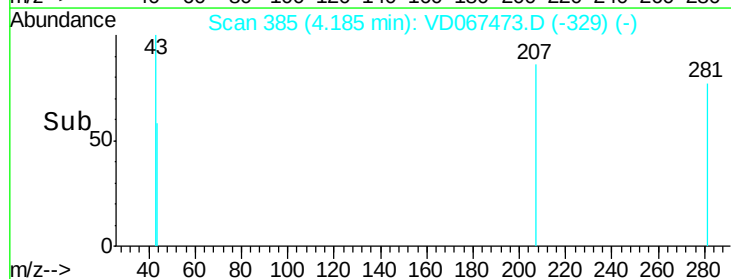
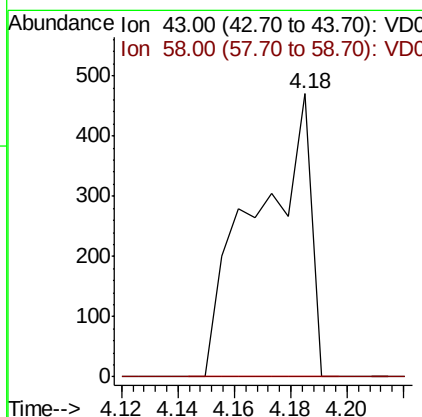
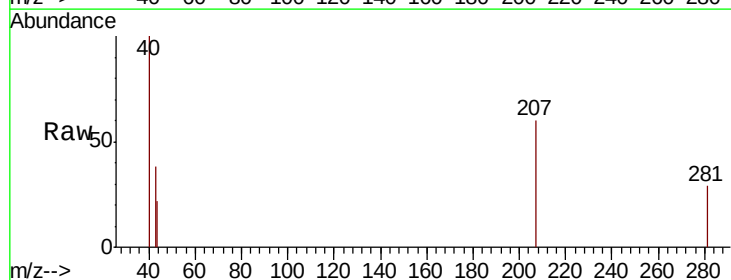
Instrument :
MSVOA_D
ClientSampleId :
VW-STONE-C

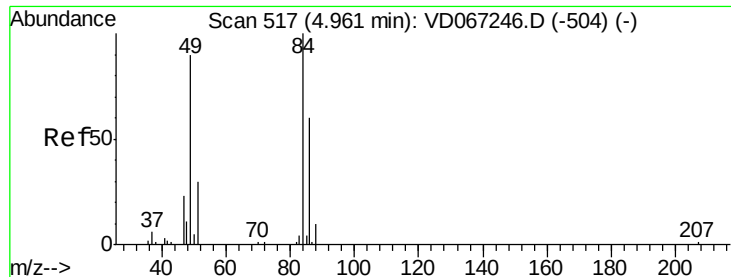
Tot Ion: 59 Resp: 197
Ion Ratio Lower Upper
59 100
57 0.0 5.1 7.7#



#16
Acetone
Concen: 1.477 ug/l
RT: 4.18 min Scan# 385
Delta R.T. 0.03 min
Lab File: VD067473.D
Acq: 30 Oct 2020 15:16

Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 0.0 26.1 39.1#

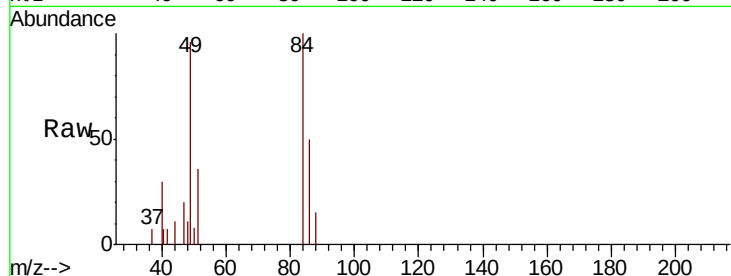




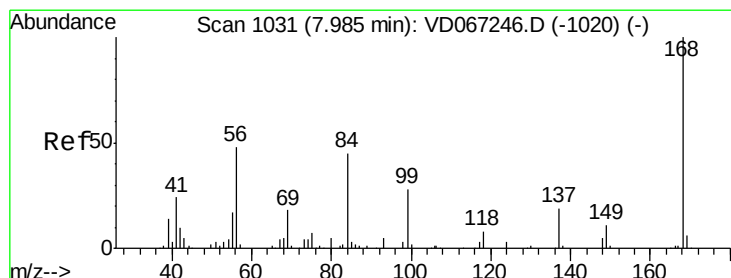
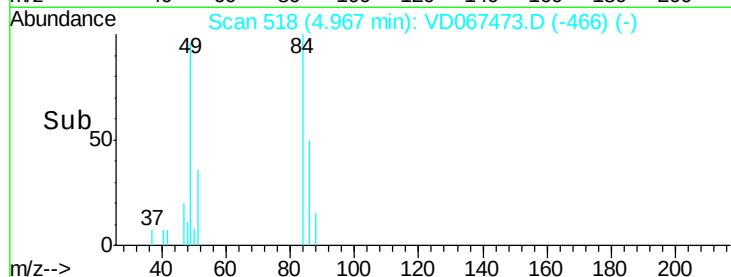
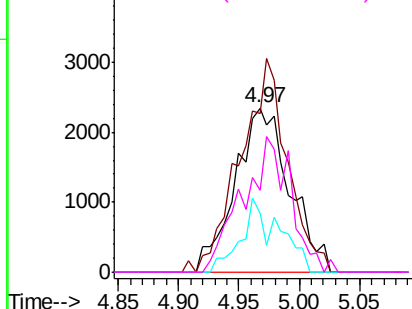
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067473.D
Acq: 30 Oct 2020 15:16

Instrument :
MSVOA_D
ClientSampleId :
VW-STONE-C

Tot Ion:	84	Resp:	7396
Ion	Ratio	Lower	Upper
84	100		
49	96.5	72.2	108.2
51	35.7	23.8	35.8
86	50.0	48.2	72.4

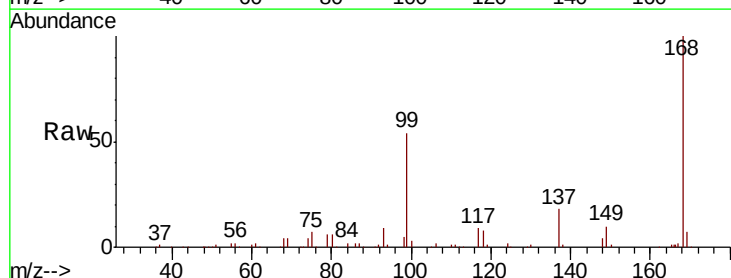


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

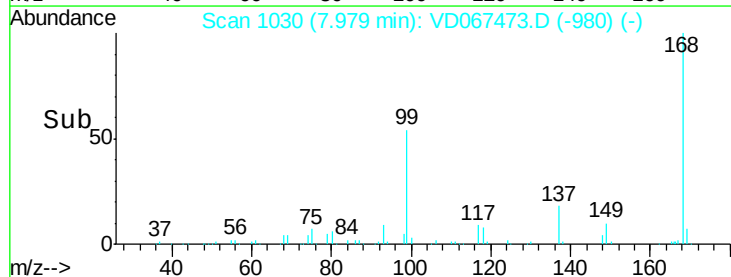
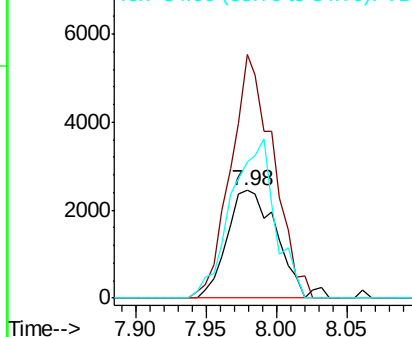


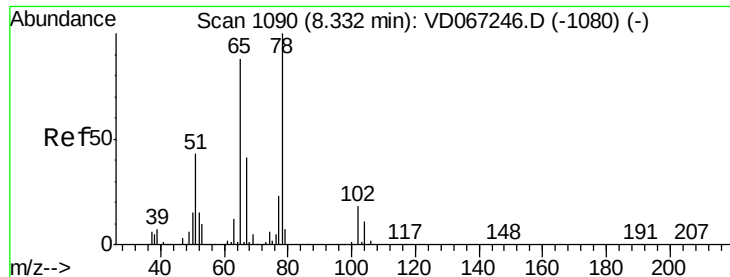
#31
Cyclohexane
Concen: 1.728 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067473.D
Acq: 30 Oct 2020 15:16

Tgt Ion:	56	Resp:	6060
Ion	Ratio	Lower	Upper
56	100		
69	226.7	29.8	44.6#
84	127.3	76.6	114.8#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

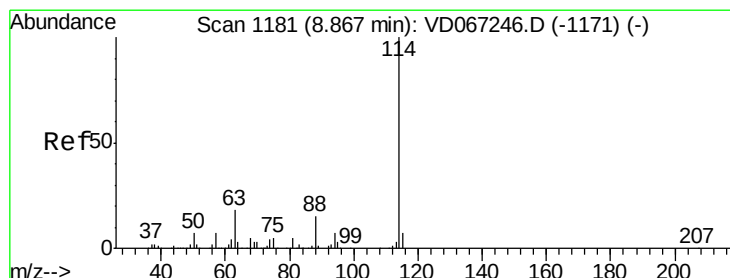
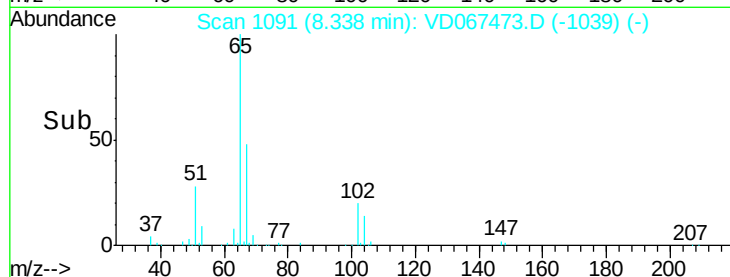
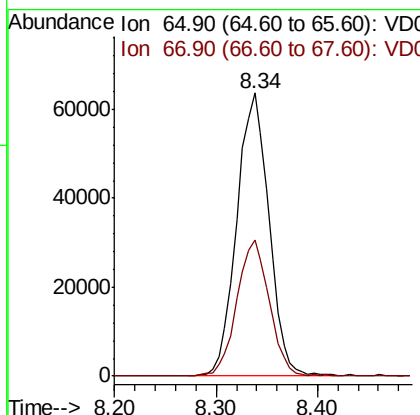
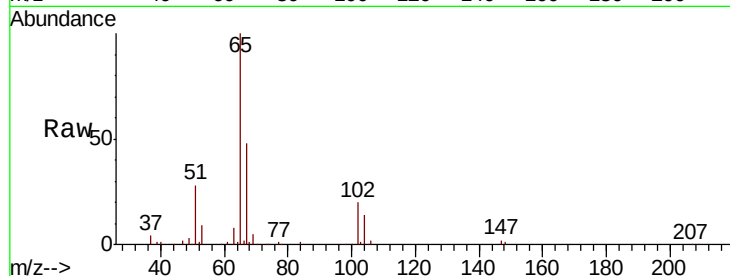




#33
 1,2-Dichloroethane-d4
 Concen: 46.191 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067473.D
 Acq: 30 Oct 2020 15:16

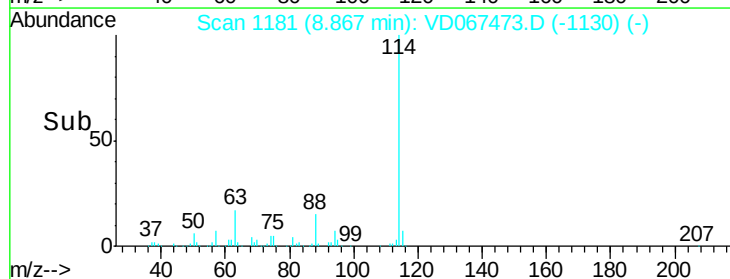
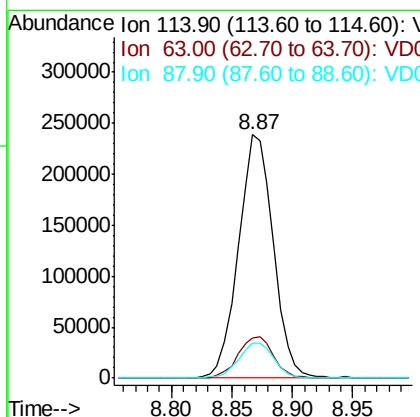
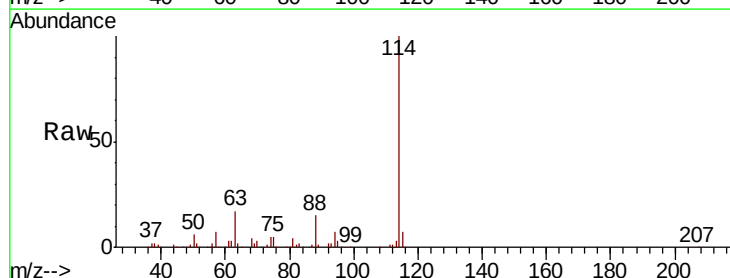
Instrument :
 MSVOA_D
 ClientSampleId :
 VW-STONE-C

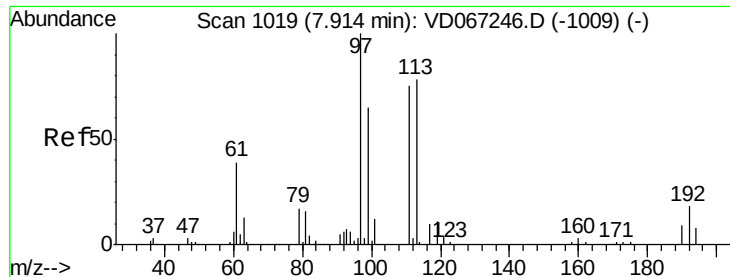
Tot Ion: 65 Resp: 140663
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067473.D
 Acq: 30 Oct 2020 15:16

Tgt Ion: 114 Resp: 480523
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.0
 88 14.6 0.0 30.6

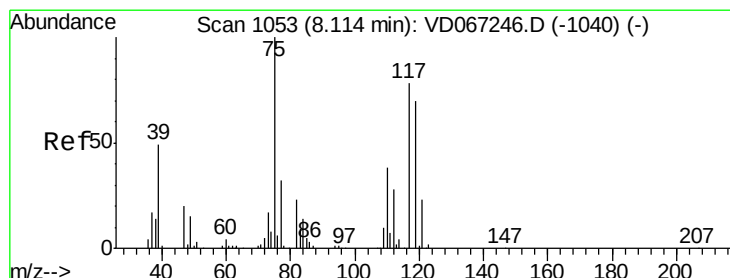
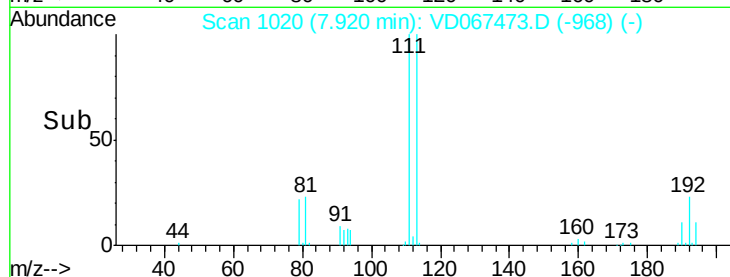
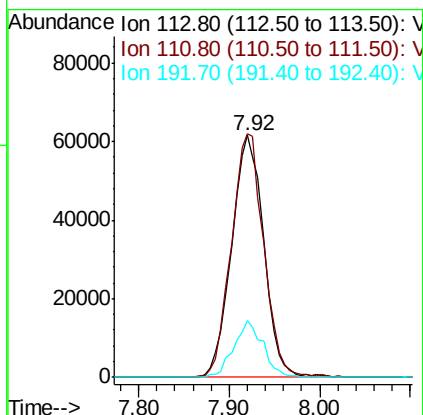
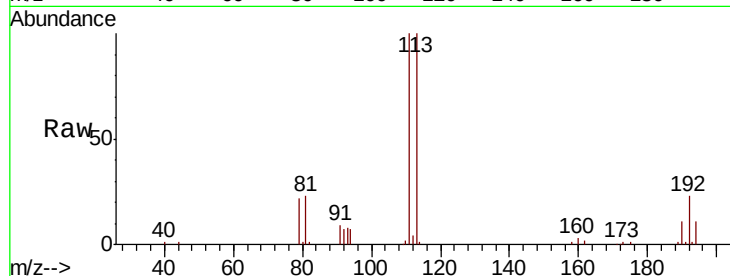




#35
 Dibromofluoromethane
 Concen: 47.293 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067473.D
 Acq: 30 Oct 2020 15:16

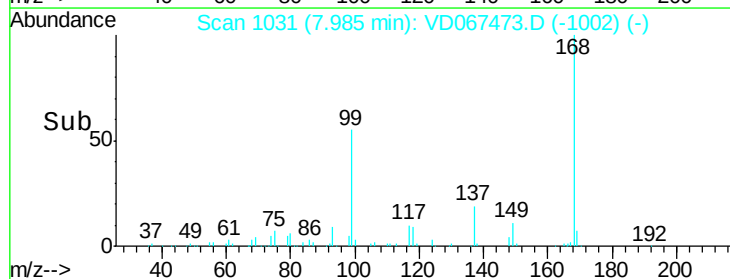
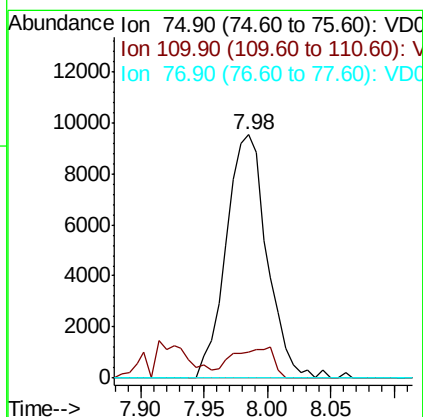
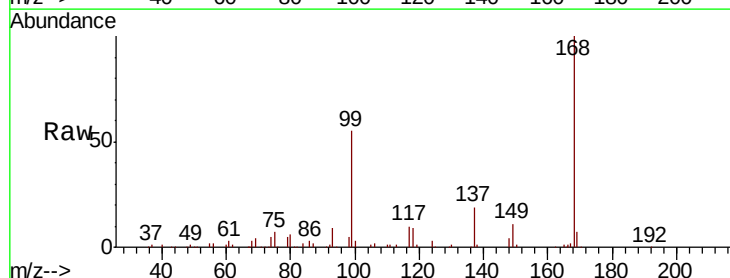
Instrument :
 MSVOA_D
 ClientSampleId :
 VW-STONE-C

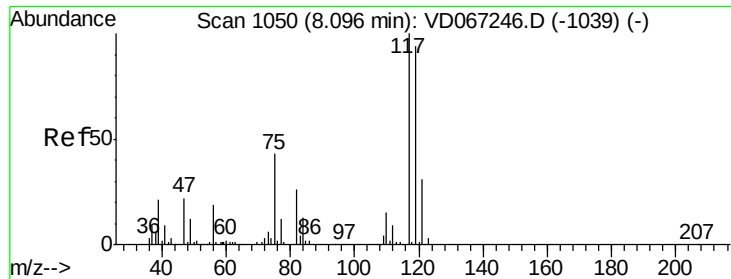
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	21.2	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 5.215 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD067473.D
 Acq: 30 Oct 2020 15:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	13.1	19.6	58.7#
77	0.0	24.6	37.0#

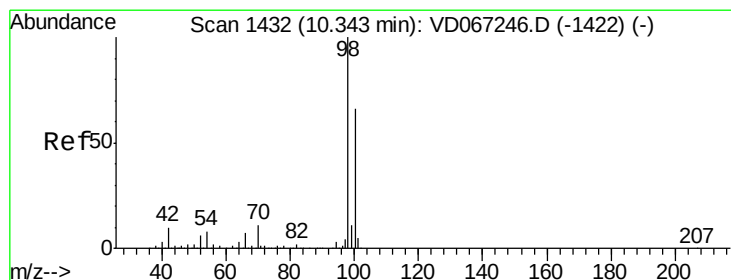
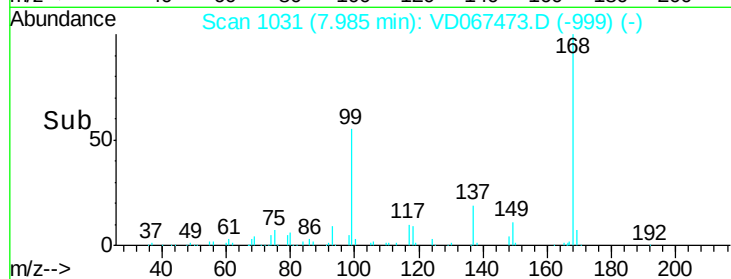
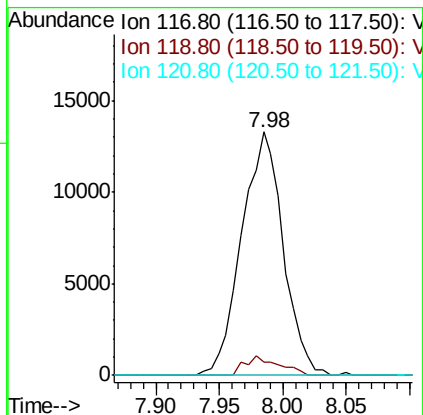
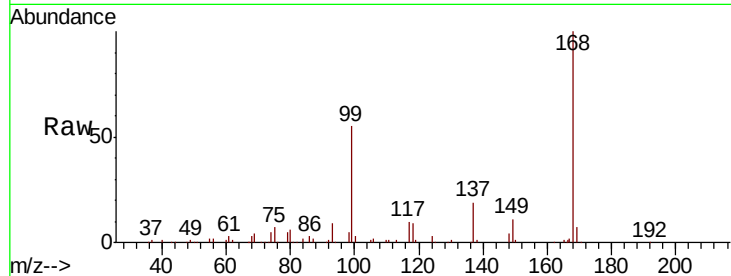




#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD067473.D
Acq: 30 Oct 2020 15:16

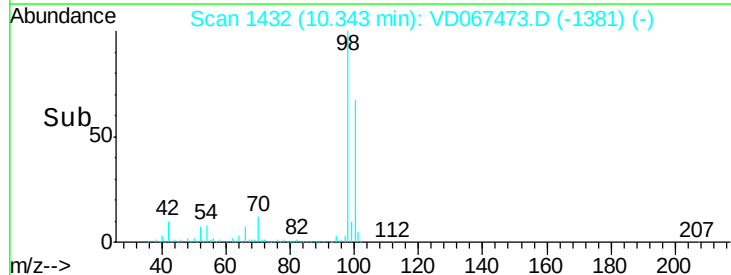
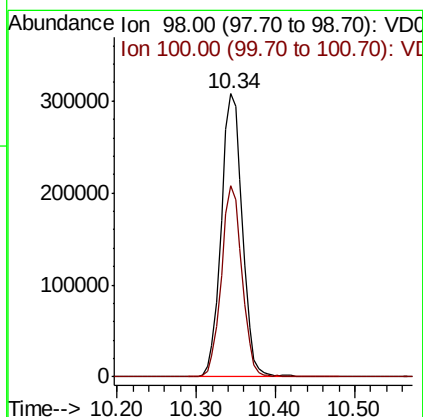
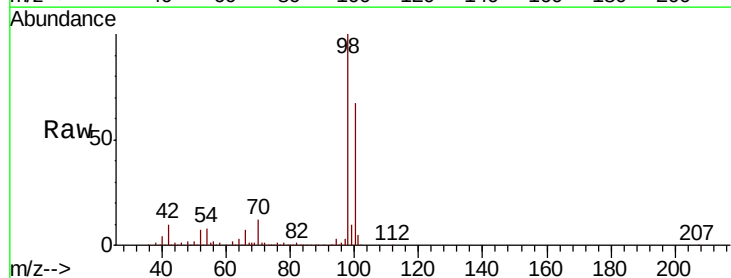
Instrument :
MSVOA_D
ClientSampleId :
VW-STONE-C

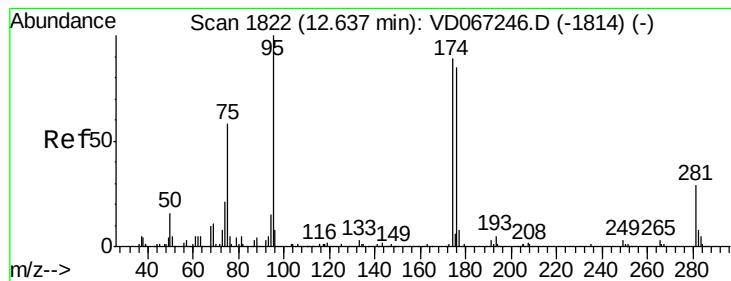
Tot Ion:117 Resp: 30222
Ion Ratio Lower Upper
117 100
119 5.3 75.0 112.4#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 49.060 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067473.D
Acq: 30 Oct 2020 15:16

Tgt Ion: 98 Resp: 567764
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.549 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067473.D

Acq: 30 Oct 2020 15:16

Instrument :

MSVOA_D

ClientSampleId :

VW-STONE-C

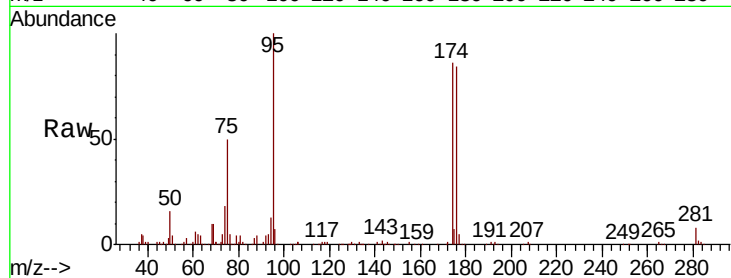
Tot Ion: 95 Resp: 195368

Ion Ratio Lower Upper

95 100

174 89.4 0.0 175.2

176 87.3 0.0 168.6



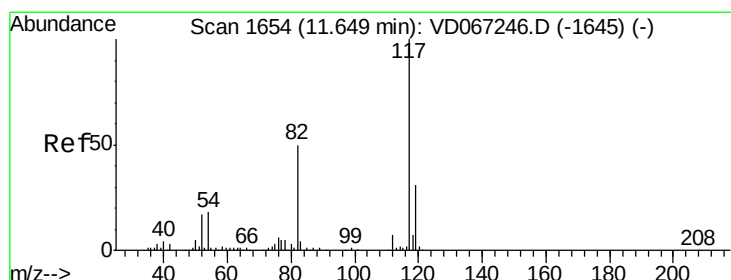
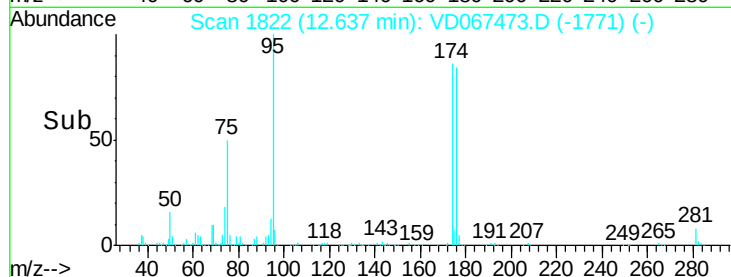
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067473.D

Acq: 30 Oct 2020 15:16

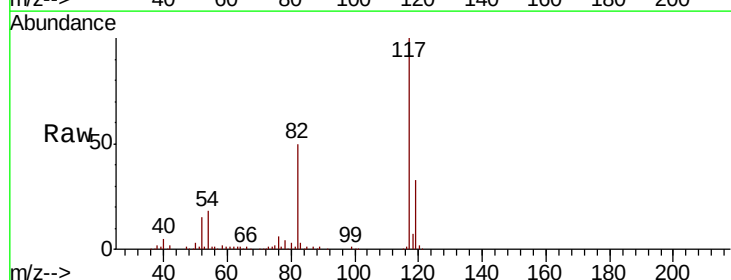
Tgt Ion: 117 Resp: 471410

Ion Ratio Lower Upper

117 100

82 49.9 39.9 59.9

119 33.0 24.9 37.3



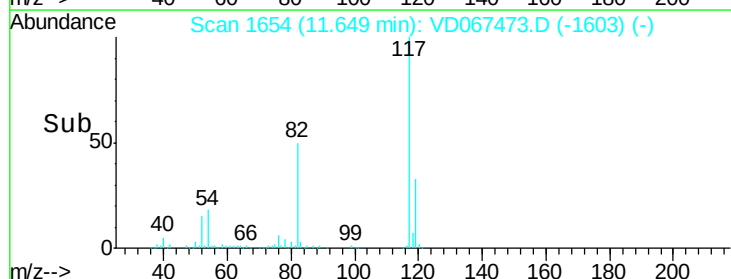
Abundance Ion 116.90 (116.60 to 117.60): V

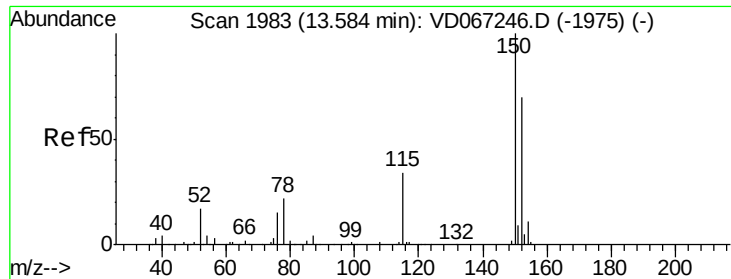
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

Time-->



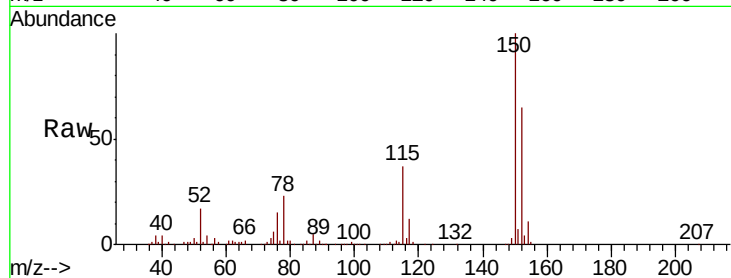


#72

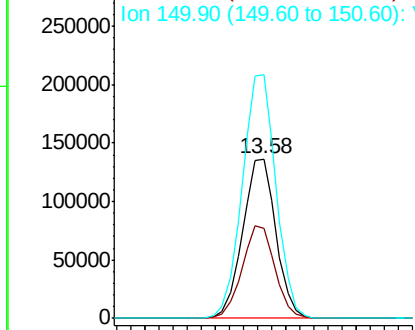
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067473.D
Acq: 30 Oct 2020 15:16

Instrument :
MSVOA_D
ClientSampleId :
VW-STONE-C

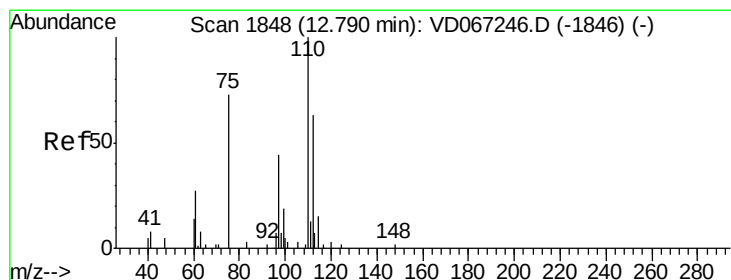
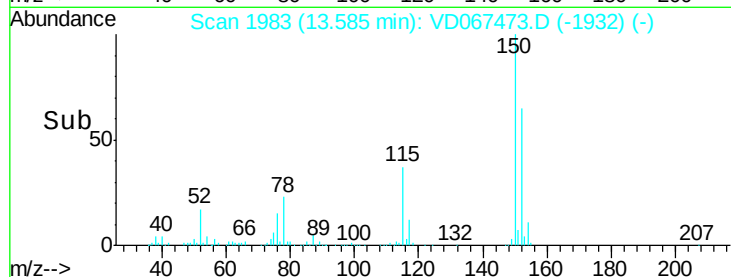
Tot Ion:152 Resp: 224939
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.9
150 154.8 0.0 339.0



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



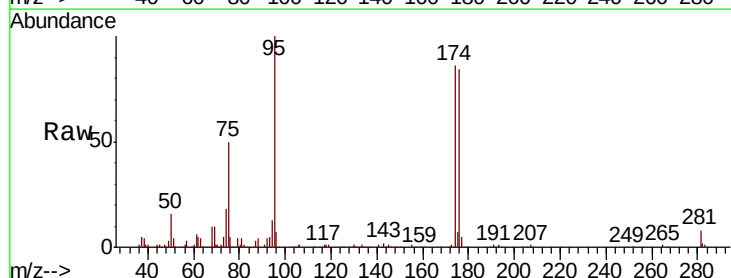
Time--> 13.50 13.55 13.60 13.65



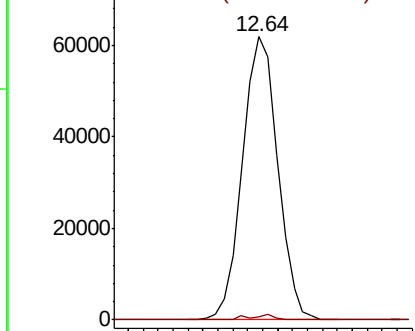
#76

1,2,3-Trichloropropane
Concen: 64.875 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067473.D
Acq: 30 Oct 2020 15:16

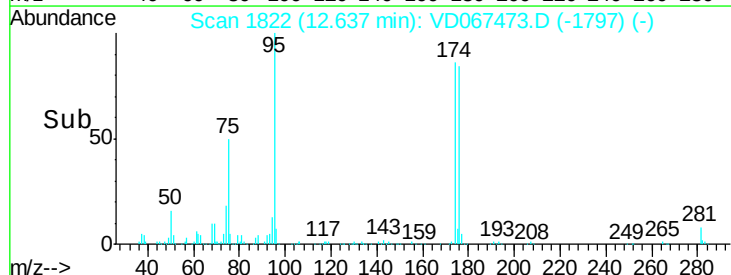
Tgt Ion: 75 Resp: 101142
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

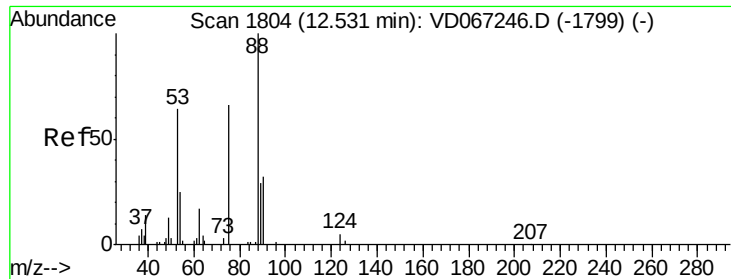


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC



Time--> 12.55 12.60 12.65 12.70





#81

trans-1,4-Dichloro-2-butene

Concen: 147.116 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067473.D

Acq: 30 Oct 2020 15:16

Instrument :

MSVOA_D

ClientSampleId :

VW-STONE-C

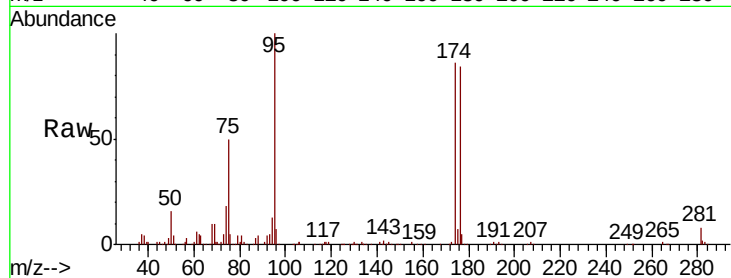
Tot Ion: 75 Resp: 101142

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 39.9 59.9#



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

