

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066440.D
 Acq On : 27 Aug 2020 16:47
 Operator : VA/SY
 Sample : L3818-03
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AC-3

Quant Time: Aug 28 01:48:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	194389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	265986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	248498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128845	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	102781	53.93	ug/l	0.00
Spiked Amount						
				Recovery	=	107.86%
35) Dibromofluoromethane	7.91	113	84123	50.58	ug/l	0.00
Spiked Amount						
				Recovery	=	101.16%
50) Toluene-d8	10.34	98	316017	51.93	ug/l	0.00
Spiked Amount						
				Recovery	=	103.86%
62) 4-Bromofluorobenzene	12.63	95	104870	48.56	ug/l	0.00
Spiked Amount						
				Recovery	=	97.12%

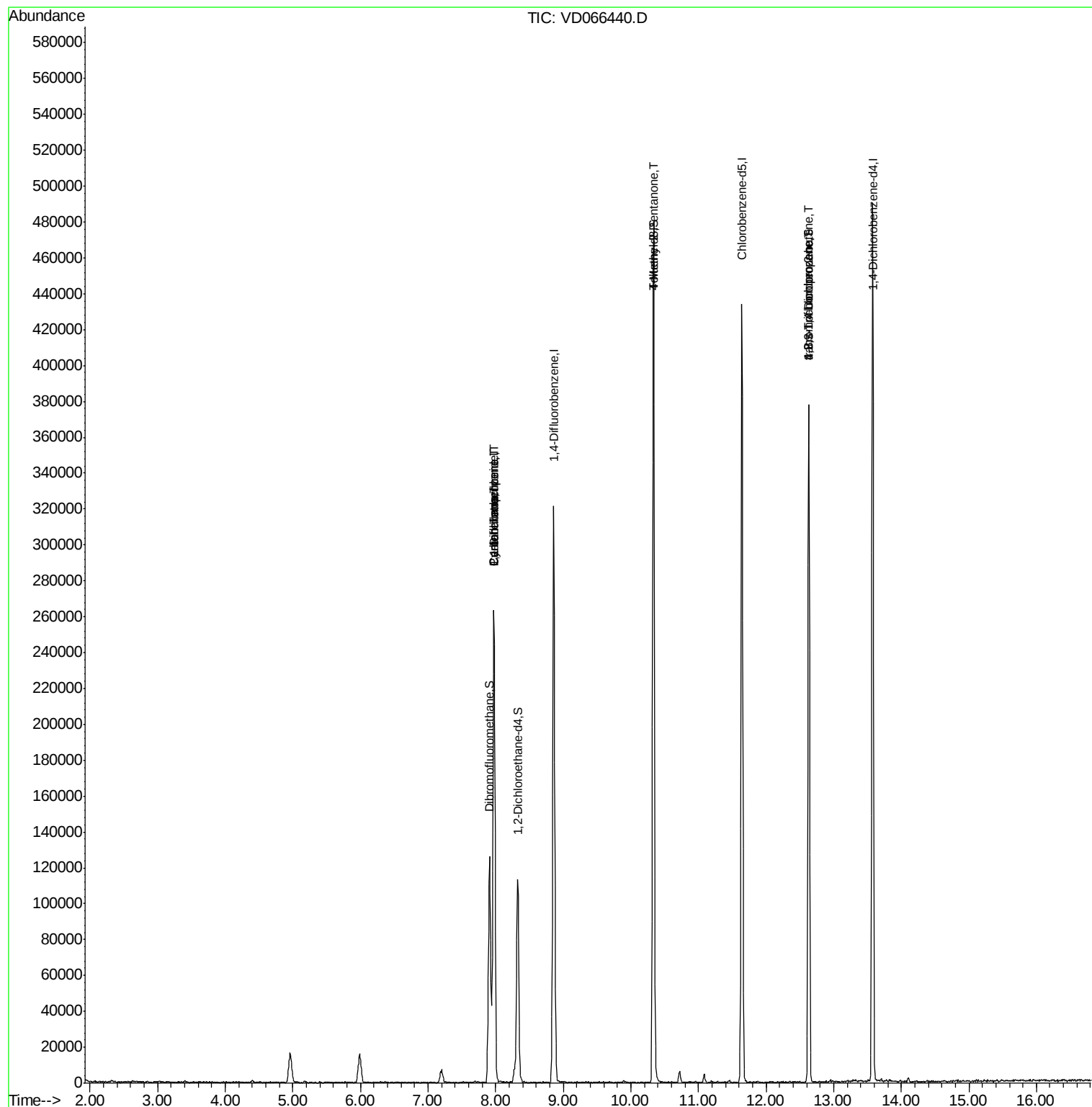
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	60	Below Cal	#	71
31) Cyclohexane	7.97	56	4483	1.694	ug/l #	25
36) 1,1-Dichloropropene	7.97	75	13324	5.490	ug/l #	52
38) Carbon Tetrachloride	7.97	117	19830	6.271	ug/l #	20
51) 4-Methyl-2-Pentanone	10.34	43	1496	1.867	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	63597	70.162	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	63597	148.931	ug/l #	6

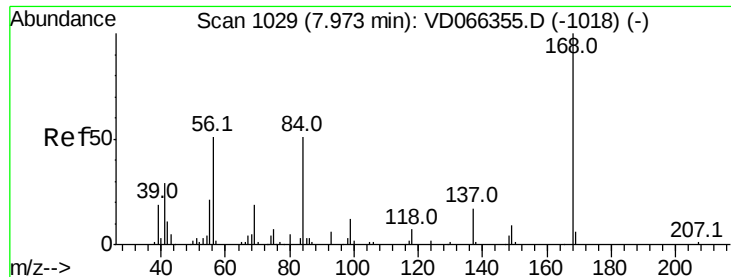
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082720\
Data File : VD066440.D
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Misc : 5.06G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
AC-3

Quant Time: Aug 28 01:48:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066440.D

Acq: 27 Aug 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

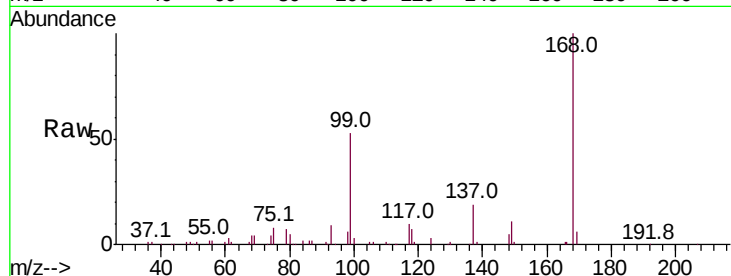
AC-3

Tot Ion:168 Resp: 194389

Ion Ratio Lower Upper

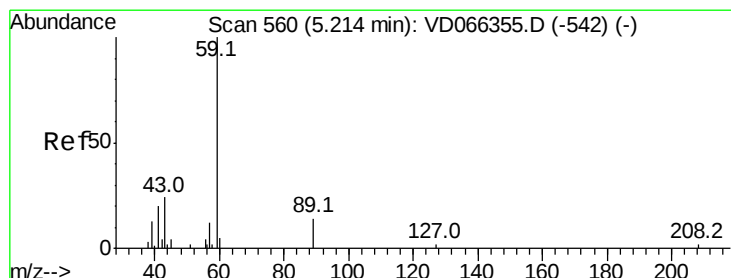
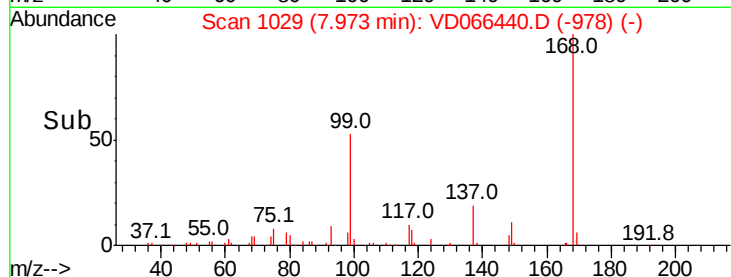
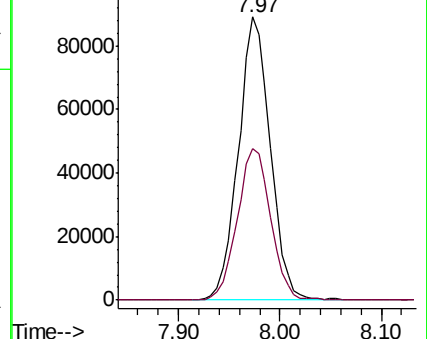
168 100

99 53.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD066440.D

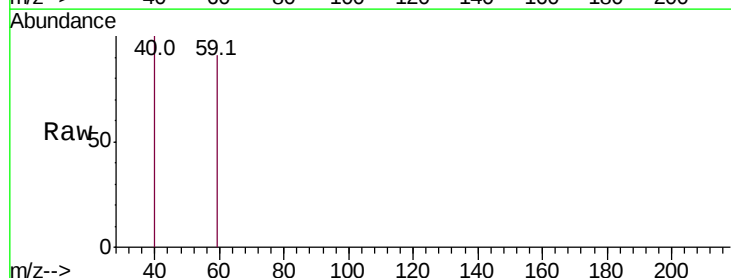
Acq: 27 Aug 2020 16:47

Tgt Ion: 59 Resp: 60

Ion Ratio Lower Upper

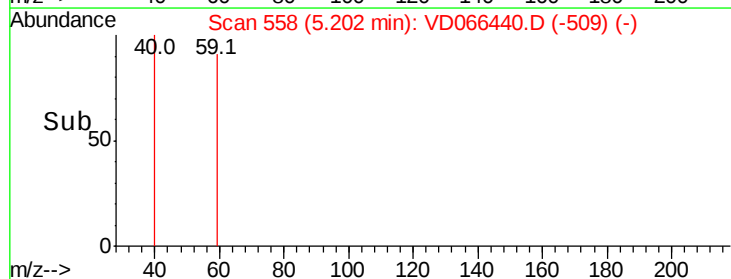
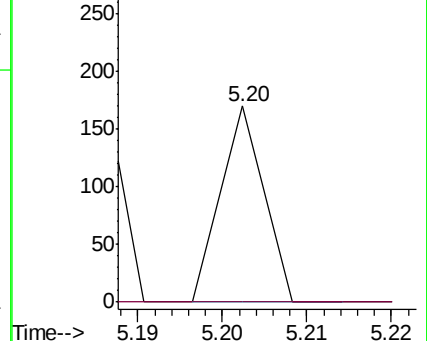
59 100

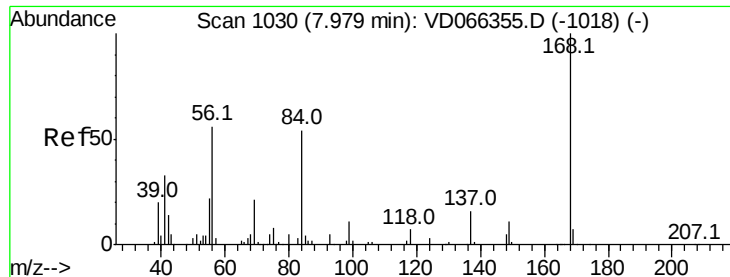
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

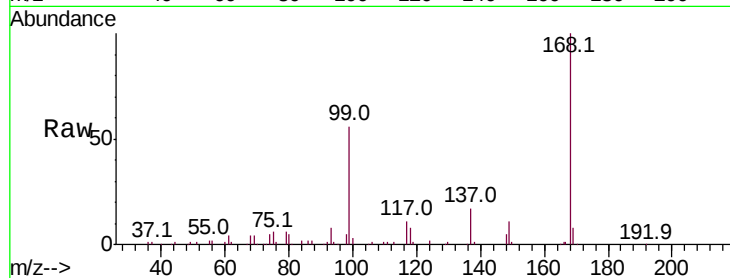




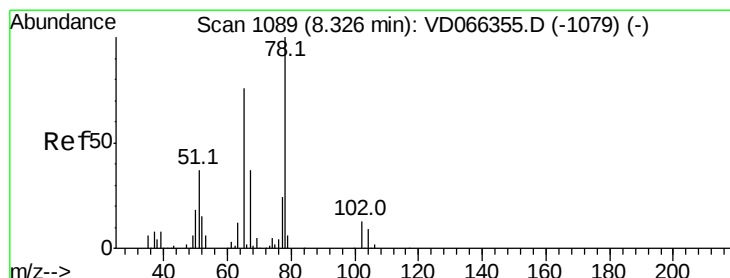
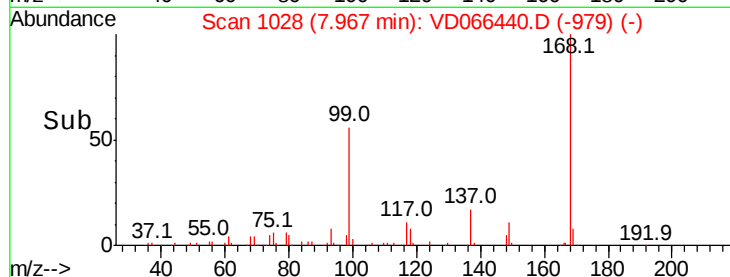
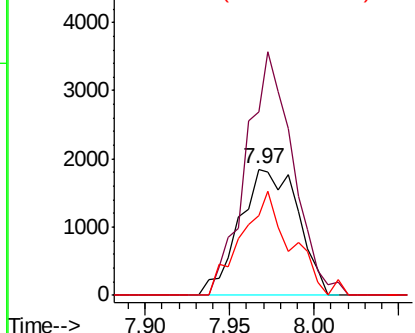
#31
Cyclohexane
Concen: 1.694 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066440.D
Acq: 27 Aug 2020 16:47

Instrument :
MSVOA_D
ClientSampleId :
AC-3

Tot Ion: 56 Resp: 4483
Ion Ratio Lower Upper
56 100
69 145.5 29.6 44.4#
84 63.4 76.6 115.0#

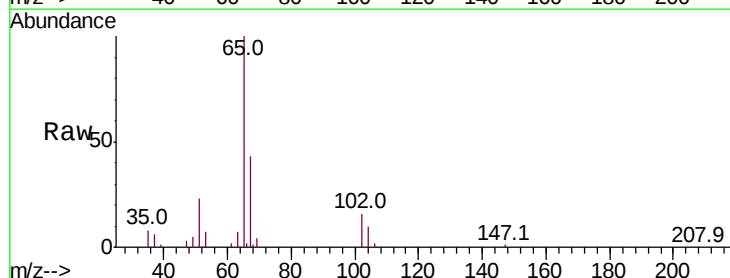


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

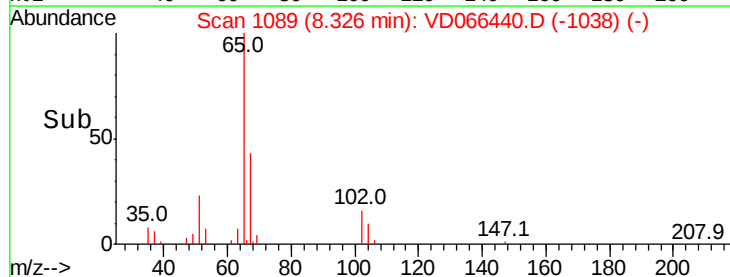
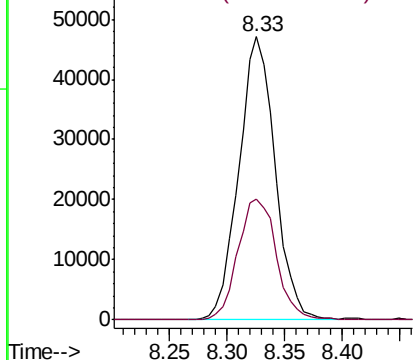


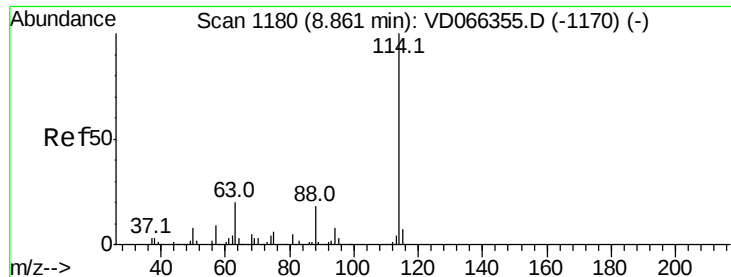
#33
1,2-Dichloroethane-d4
Concen: 53.931 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066440.D
Acq: 27 Aug 2020 16:47

Tgt Ion: 65 Resp: 102781
Ion Ratio Lower Upper
65 100
67 45.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

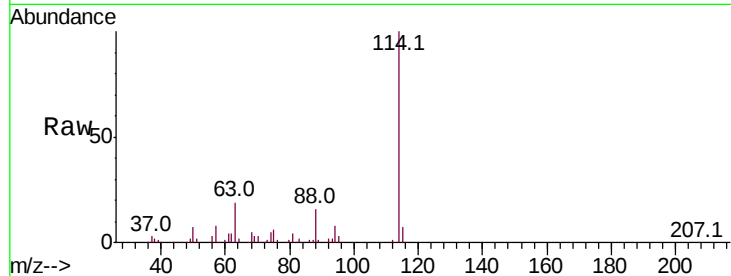




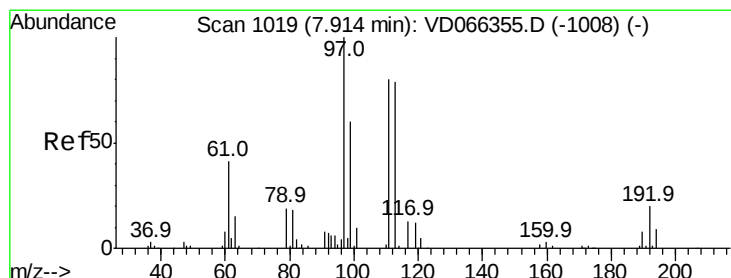
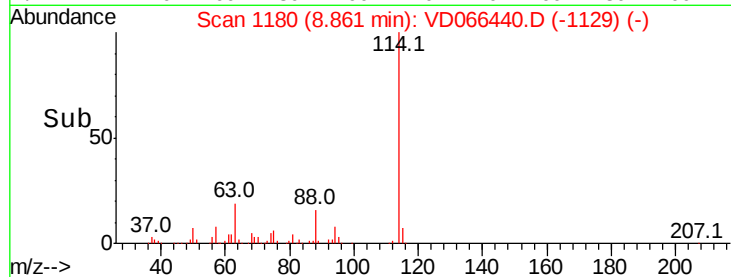
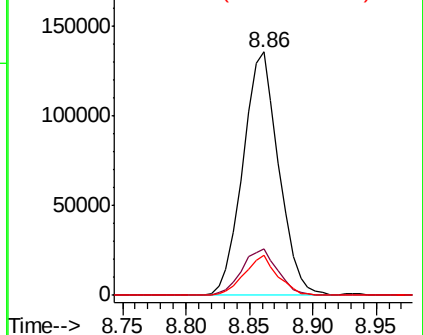
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066440.D
 Acq: 27 Aug 2020 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 AC-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.8
88	16.5	0.0	35.4

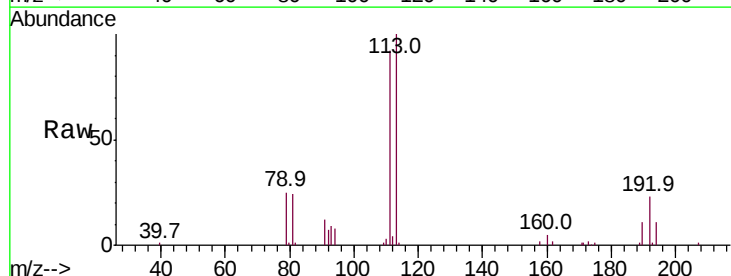


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

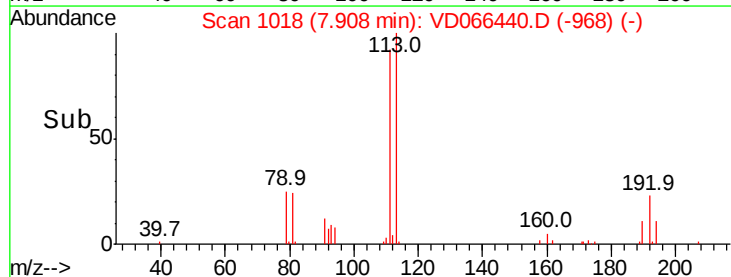
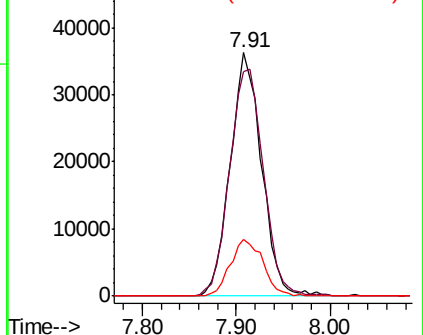


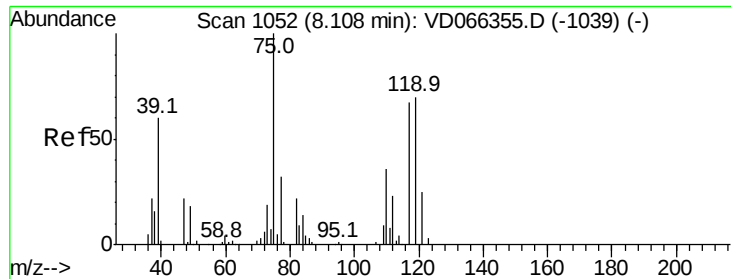
#35
 Dibromofluoromethane
 Concen: 50.578 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066440.D
 Acq: 27 Aug 2020 16:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.3	120.5
192	24.2	19.0	28.6



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: 5.490 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066440.D

Acq: 27 Aug 2020 16:47

Instrument :

MSVOA_D

ClientSampled :

AC-3

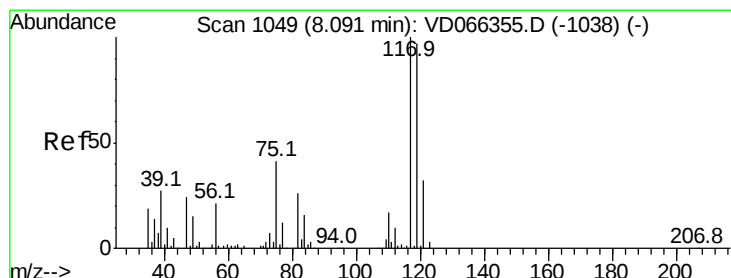
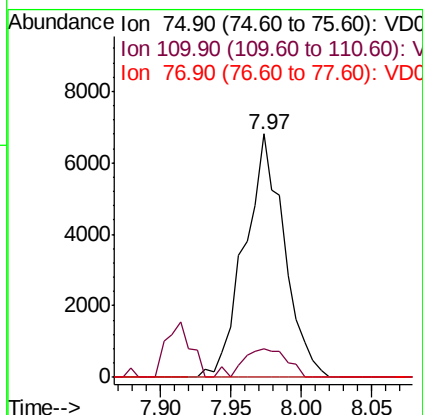
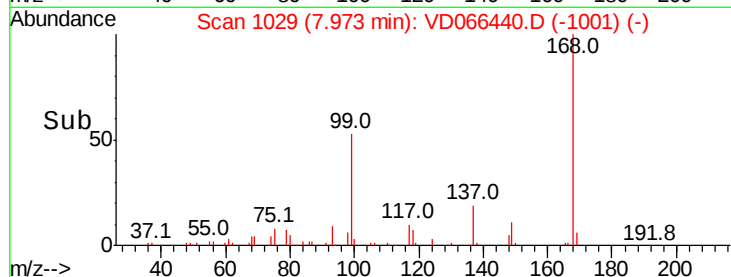
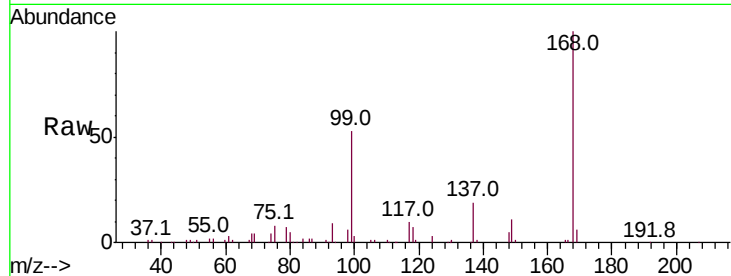
Tot Ion: 75 Resp: 13324

Ion Ratio Lower Upper

75 100

110 13.3 18.7 56.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.271 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066440.D

Acq: 27 Aug 2020 16:47

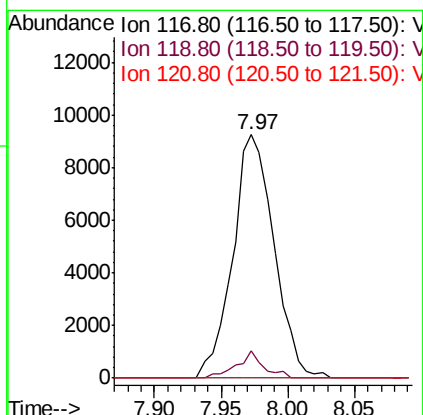
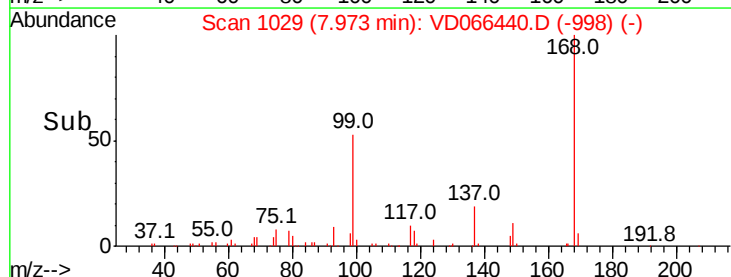
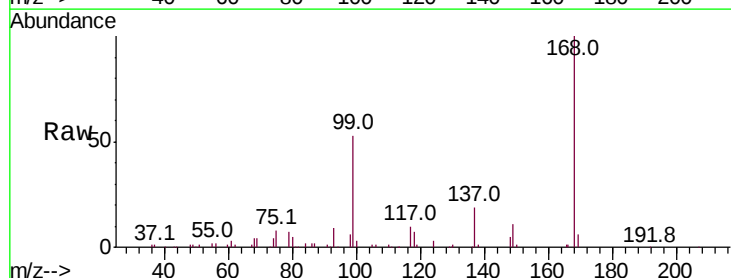
Tgt Ion: 117 Resp: 19830

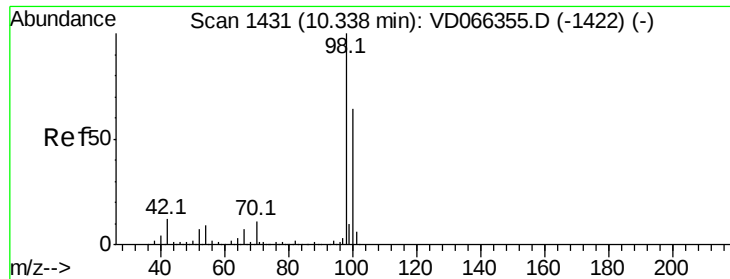
Ion Ratio Lower Upper

117 100

119 10.9 77.2 115.8#

121 0.0 25.8 38.8#

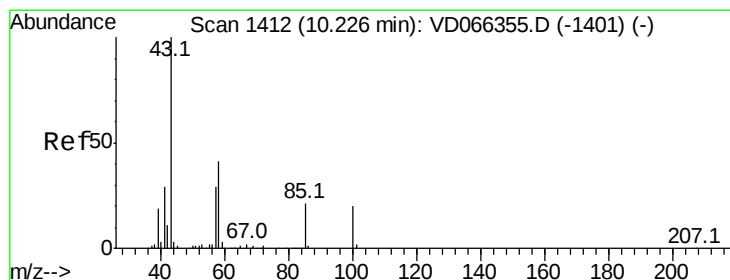
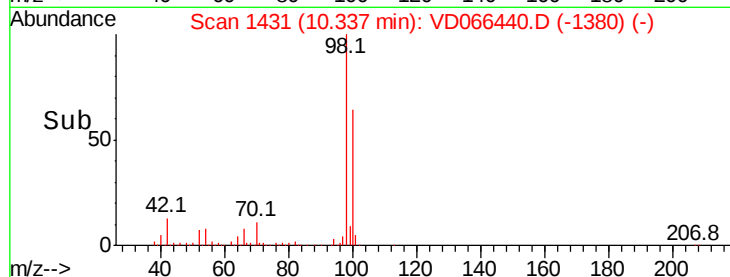
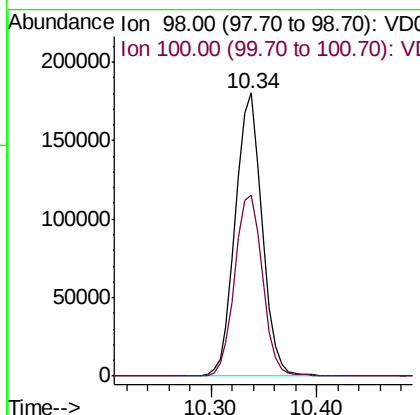
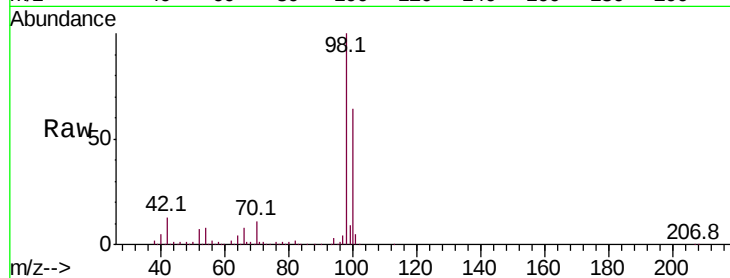




#50
Toluene-d8
Concen: 51.929 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066440.D
Acq: 27 Aug 2020 16:47

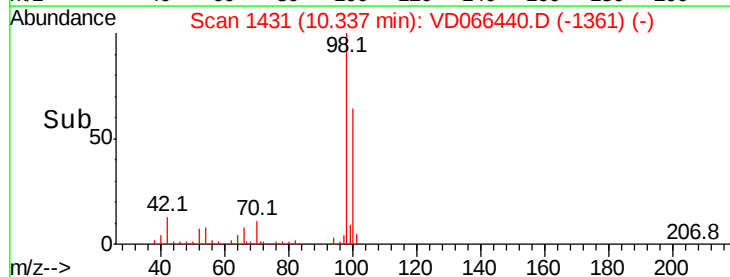
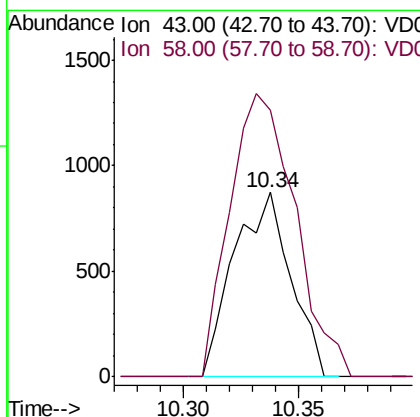
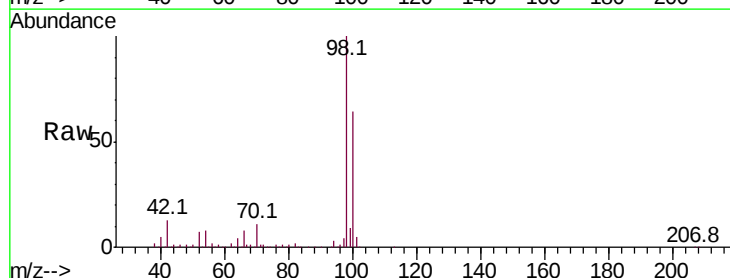
Instrument :
MSVOA_D
ClientSampled :
AC-3

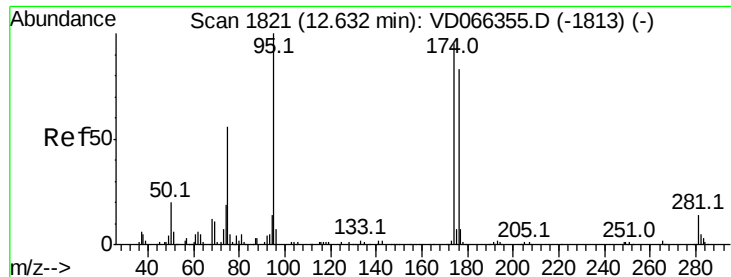
Tot Ion: 98 Resp: 316017
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.867 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD066440.D
Acq: 27 Aug 2020 16:47

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 176.5 31.4 47.2#

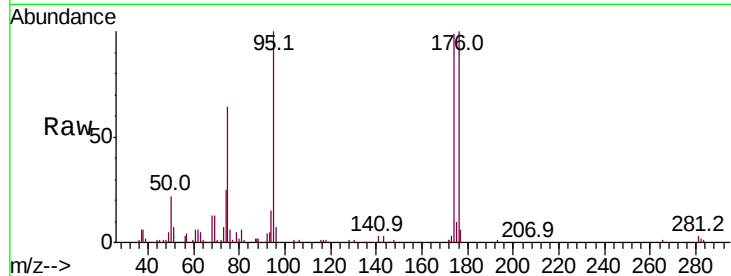




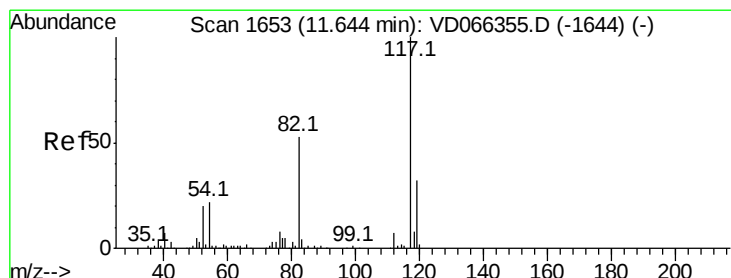
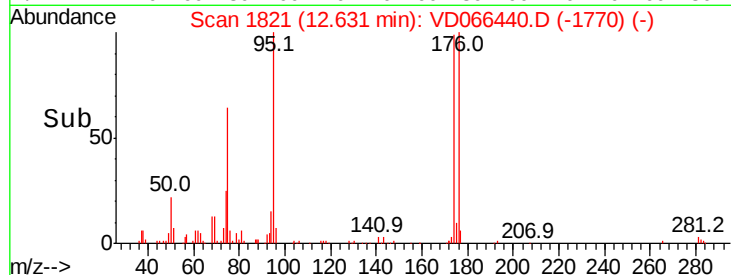
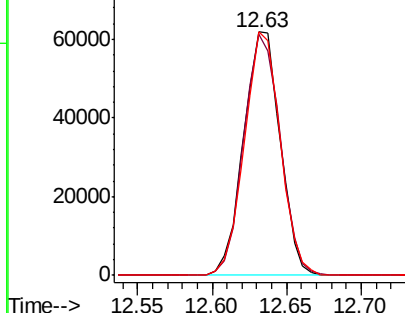
#62
4-Bromofluorobenzene
Concen: 48.564 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066440.D
Acq: 27 Aug 2020 16:47

Instrument :
MSVOA_D
ClientSampleId :
AC-3

Tot Ion: 95 Resp: 104870
Ion Ratio Lower Upper
95 100
174 98.7 0.0 183.4
176 98.1 0.0 173.8

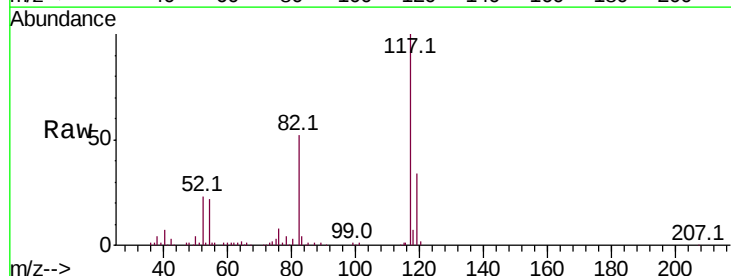


Abundance Ion 94.90 (94.60 to 95.60): VD
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

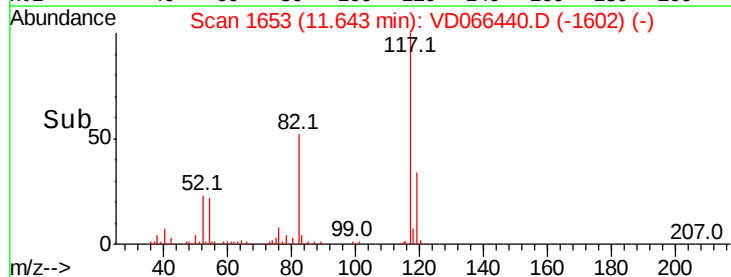
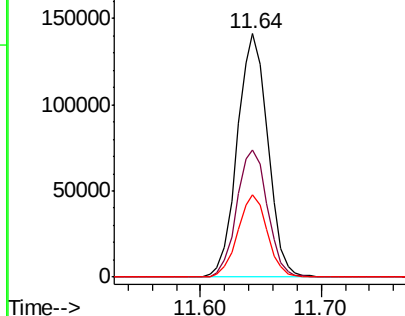


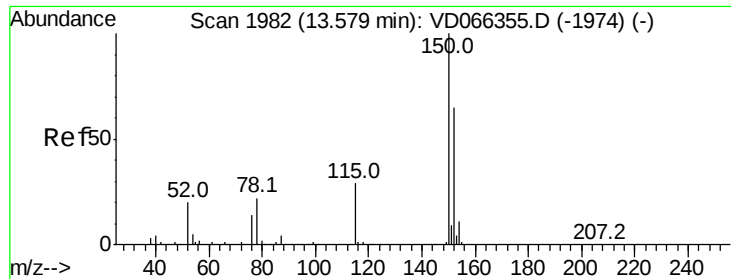
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066440.D
Acq: 27 Aug 2020 16:47

Tgt Ion: 117 Resp: 248498
Ion Ratio Lower Upper
117 100
82 52.4 42.8 64.2
119 33.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
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. -0.00 min

Lab File: VD066440.D

Acq: 27 Aug 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

AC-3

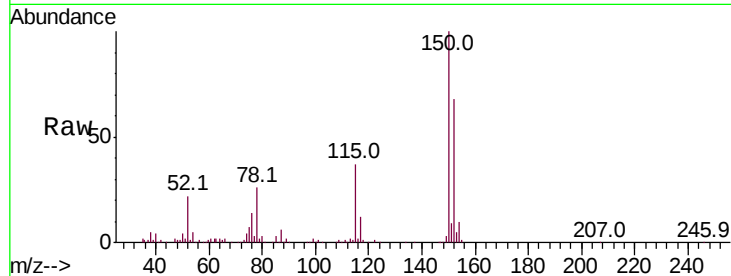
Tot Ion:152 Resp: 128845

Ion Ratio Lower Upper

152 100

115 57.1 28.3 85.0

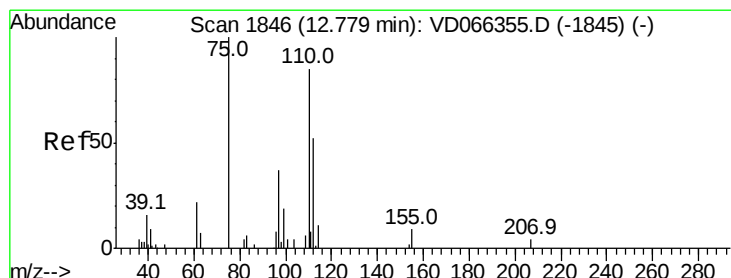
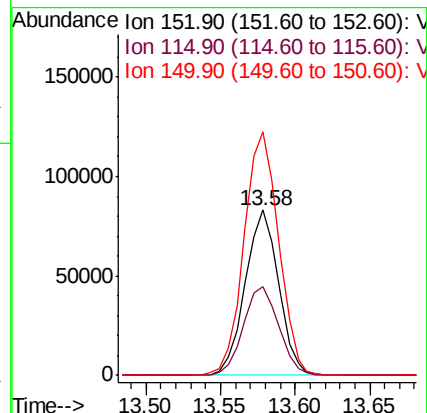
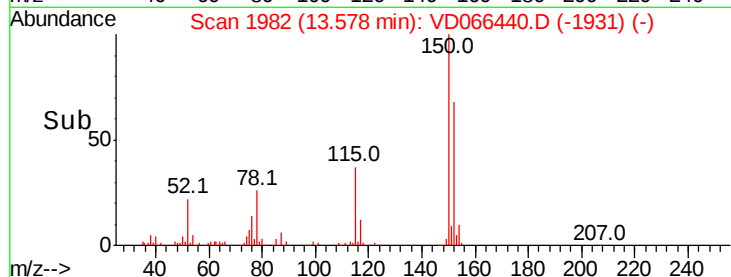
150 152.5 0.0 343.2



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: 70.162 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066440.D

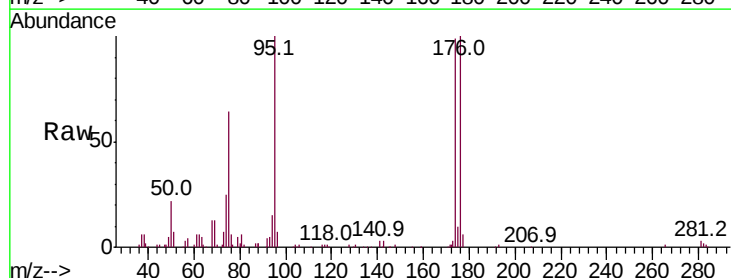
Acq: 27 Aug 2020 16:47

Tgt Ion: 75 Resp: 63597

Ion Ratio Lower Upper

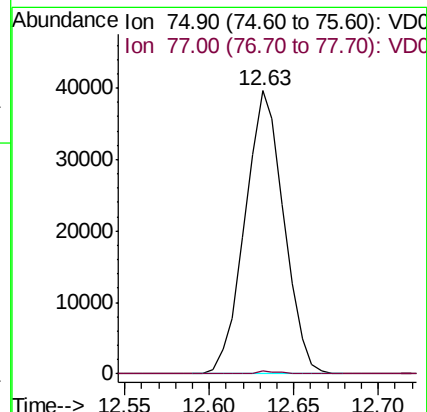
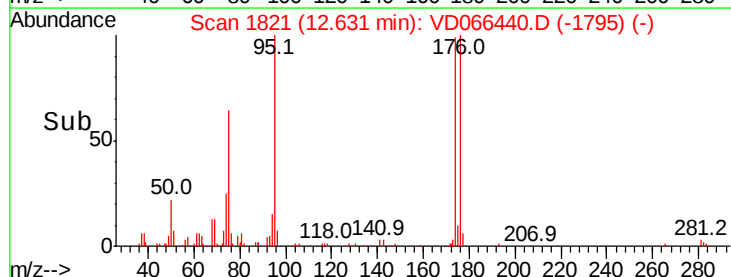
75 100

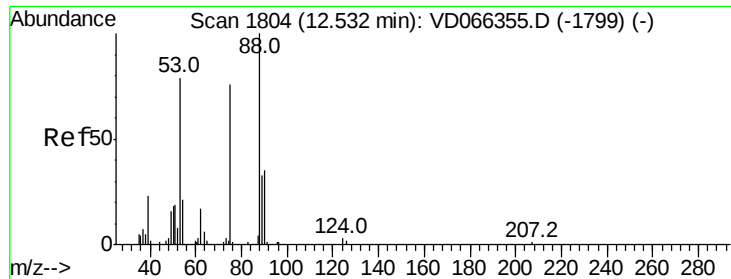
77 0.5 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 148.931 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066440.D

Acq: 27 Aug 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

AC-3

Tot Ion: 75 Resp: 63597

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#

