

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066224.D
 Acq On : 13 Aug 2020 21:37
 Operator : VA/SY
 Sample : L3662-01
 Misc : 5.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VB16182

Quant Time: Aug 14 03:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	268025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	434944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	506484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250530	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	119481	49.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.94%	
35) Dibromofluoromethane	7.91	113	133940	48.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.22%	
50) Toluene-d8	10.34	98	532009	52.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.63	95	242581	66.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	132.38%	

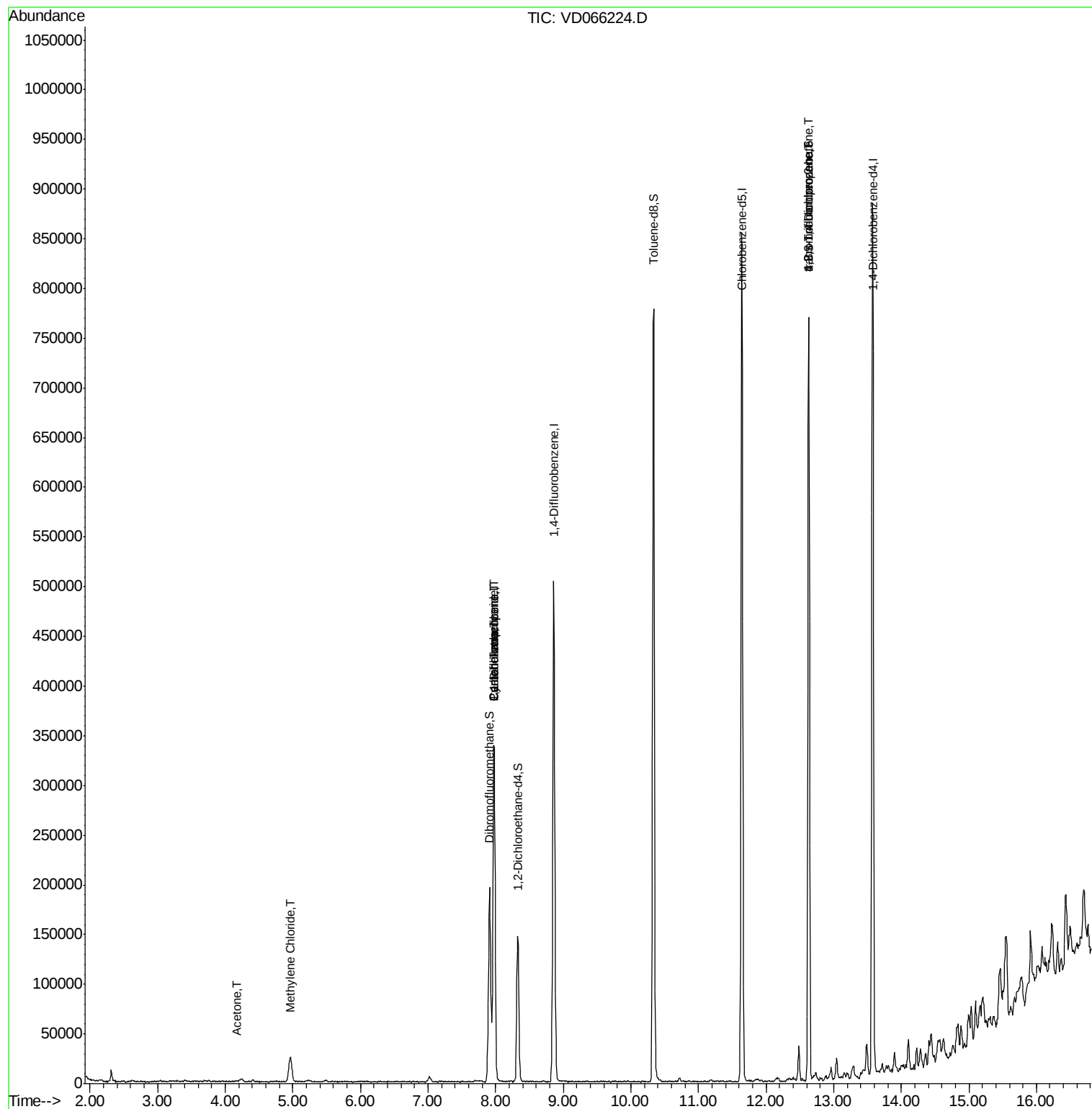
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	2164	Below Cal	#	76
16) Acetone	4.17	43	1953	4.305	ug/l	96
20) Methylene Chloride	4.96	84	19698	3.193	ug/l	97
31) Cyclohexane	7.97	56	5109	1.220	ug/l #	38
36) 1,1-Dichloropropene	7.97	75	17993	4.402	ug/l #	51
38) Carbon Tetrachloride	7.98	117	26226	5.754	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	121380	58.098	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	121380	128.428	ug/l #	13

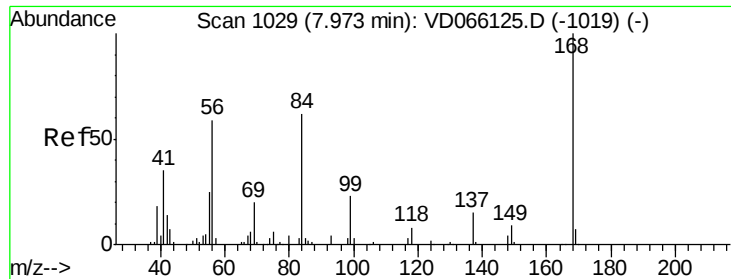
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081320\
Data File : VD066224.D
Acq On : 13 Aug 2020 21:37
Operator : VA/SY
Sample : L3662-01
Misc : 5.80G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VB16182

Quant Time: Aug 14 03:05:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 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: VD066224.D

Acq: 13 Aug 2020 21:37

Instrument :

MSVOA_D

ClientSampleId :

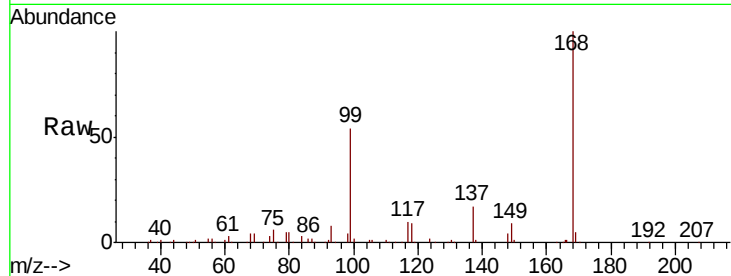
VB16182

Tot Ion:168 Resp: 268025

Ion Ratio Lower Upper

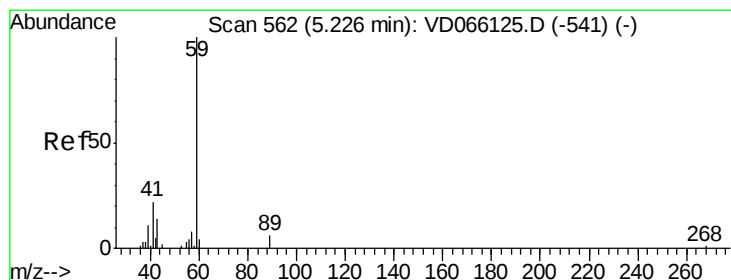
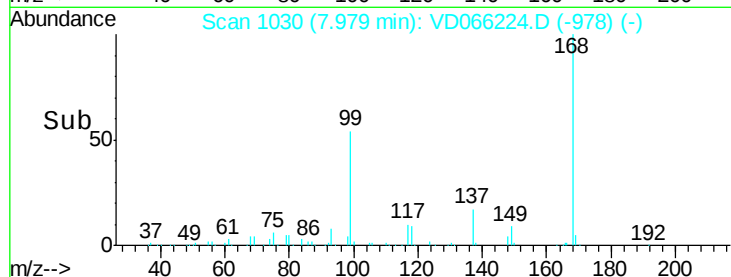
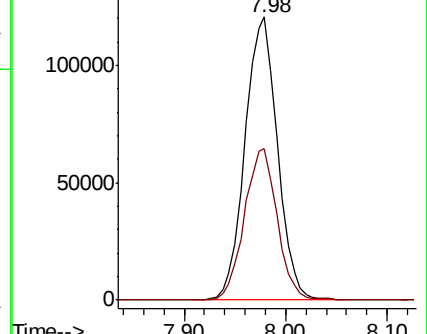
168 100

99 53.6 42.2 63.4



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: 5.23 min Scan# 562

Delta R.T. 0.00 min

Lab File: VD066224.D

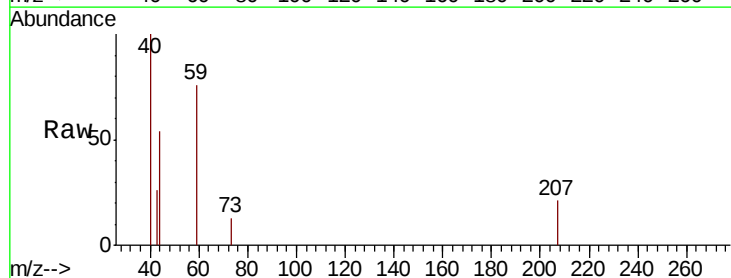
Acq: 13 Aug 2020 21:37

Tgt Ion: 59 Resp: 2164

Ion Ratio Lower Upper

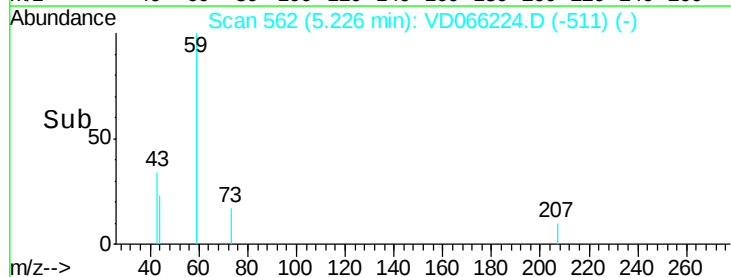
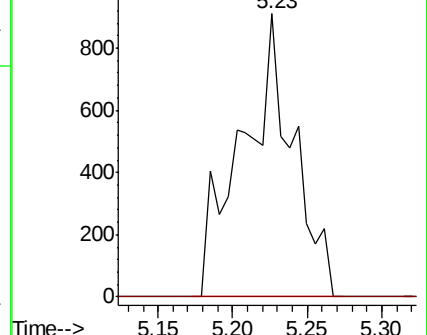
59 100

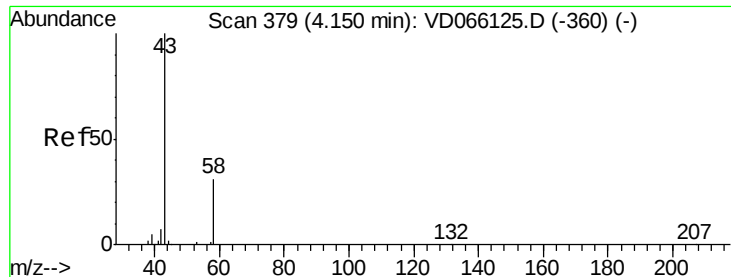
57 0.0 7.0 10.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 4.305 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.02 min

Lab File: VD066224.D

Acq: 13 Aug 2020 21:37

Instrument :

MSVOA_D

ClientSampleId :

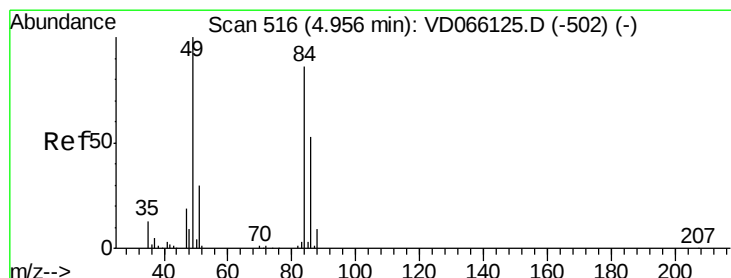
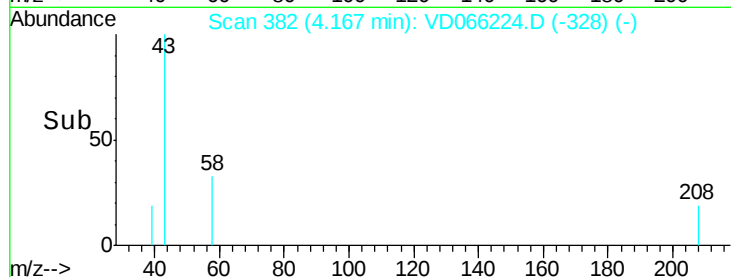
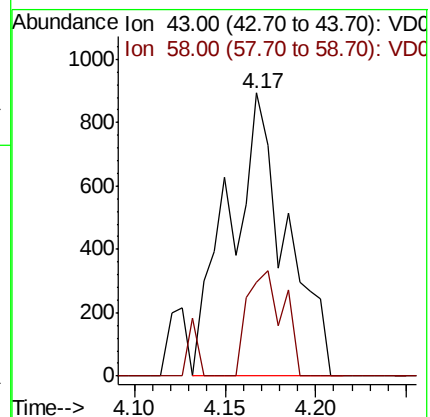
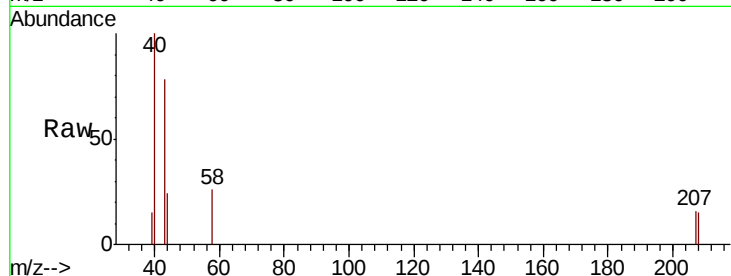
VB16182

Tot Ion: 43 Resp: 1953

Ion Ratio Lower Upper

43 100

58 33.1 24.7 37.1



#20

Methylene Chloride

Concen: 3.193 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066224.D

Acq: 13 Aug 2020 21:37

Tgt Ion: 84 Resp: 19698

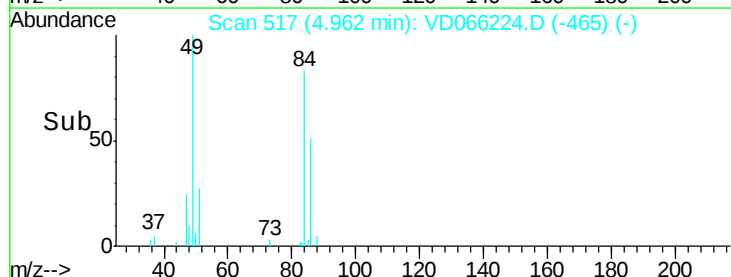
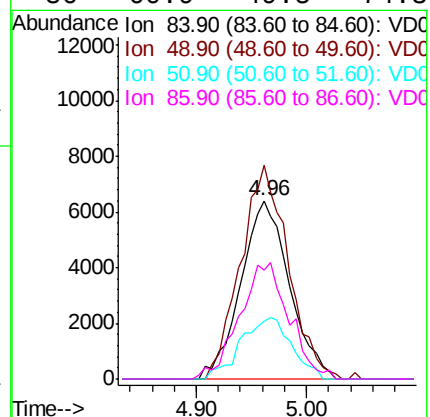
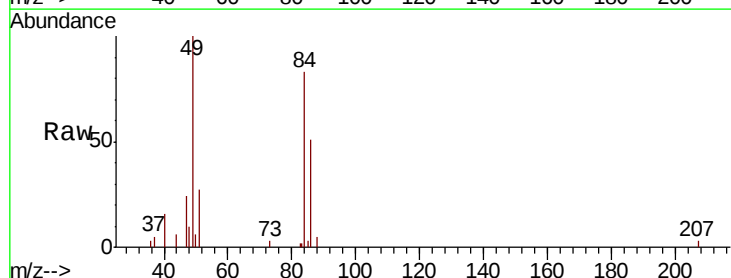
Ion Ratio Lower Upper

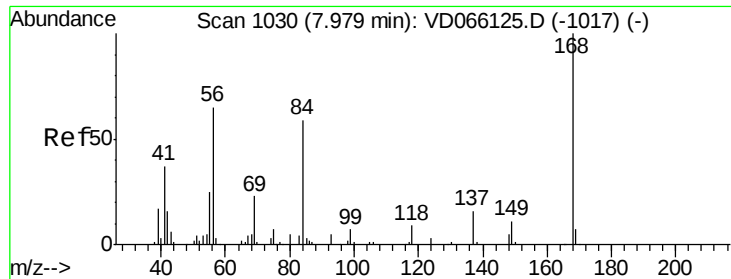
84 100

49 120.0 93.5 140.3

51 32.1 28.2 42.4

86 60.9 49.5 74.3

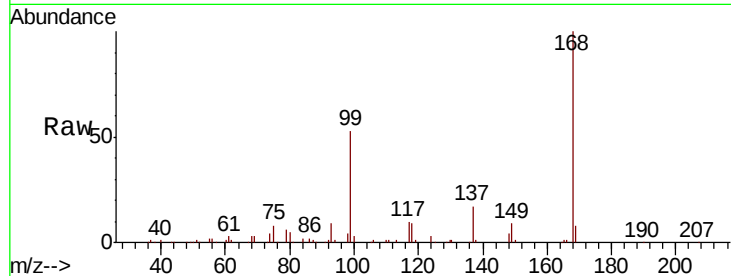




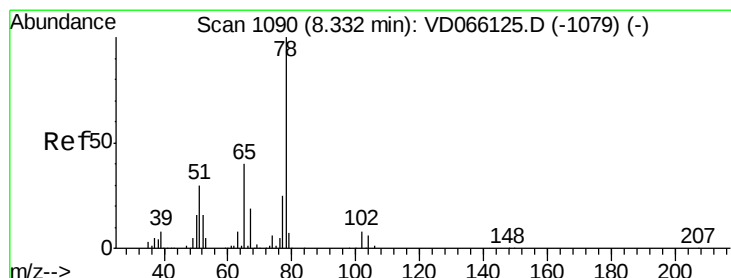
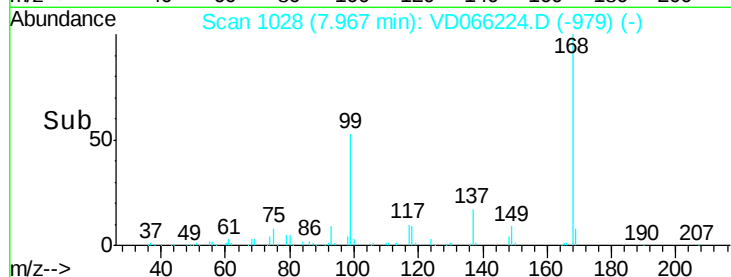
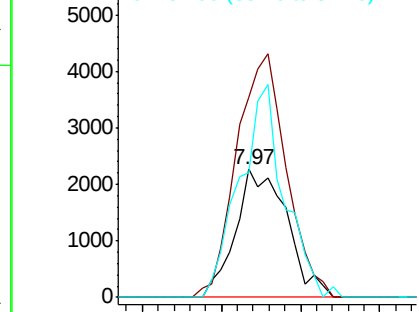
#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066224.D
Acq: 13 Aug 2020 21:37

Instrument :
MSVOA_D
ClientSampleId :
VB16182

Tot Ion: 56 Resp: 5109
Ion Ratio Lower Upper
56 100
69 155.7 28.8 43.2#
84 97.3 73.0 109.6

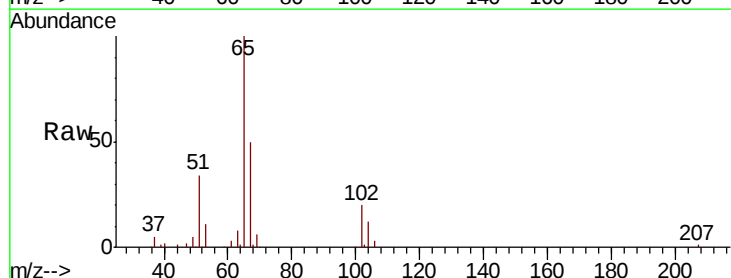


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

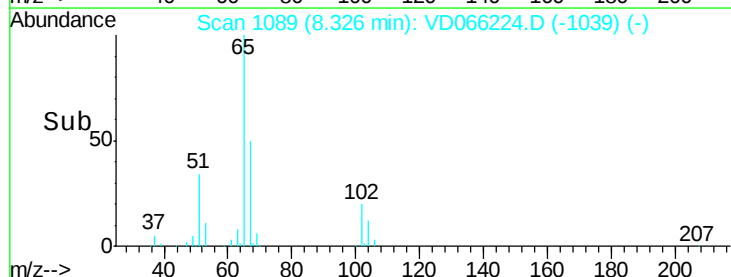
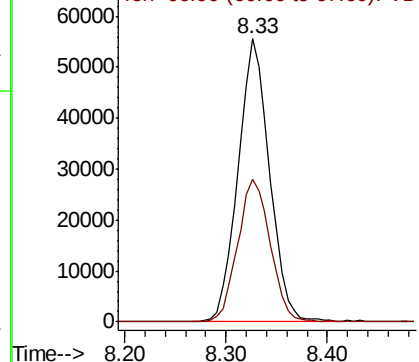


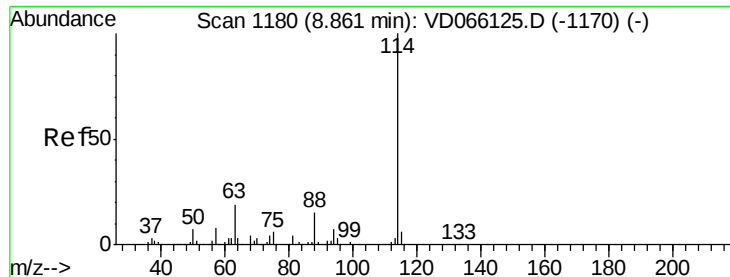
#33
1,2-Dichloroethane-d4
Concen: 49.967 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066224.D
Acq: 13 Aug 2020 21:37

Tgt Ion: 65 Resp: 119481
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6



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

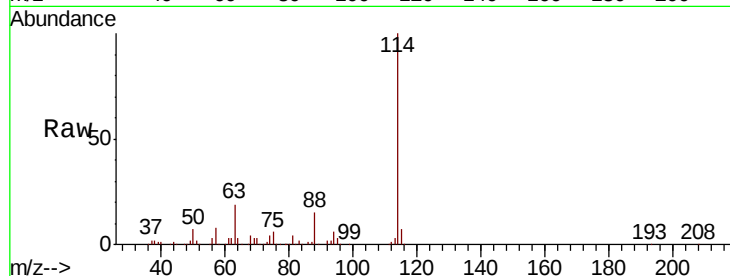




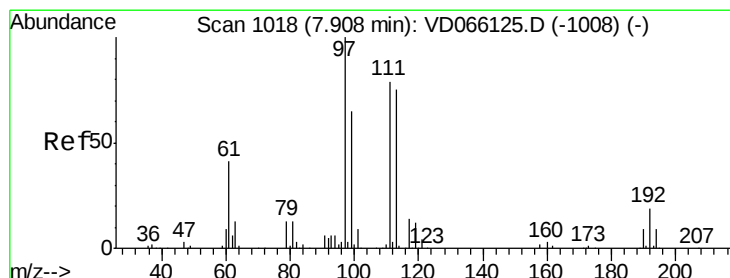
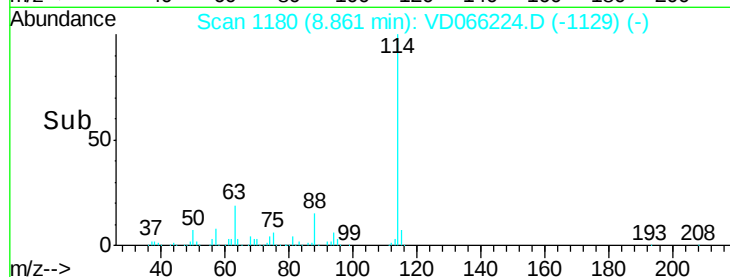
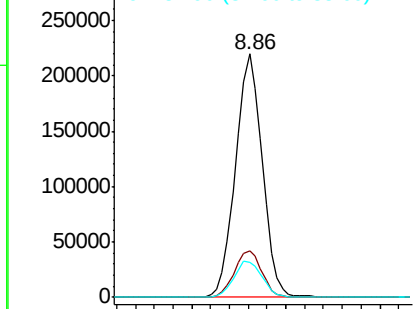
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066224.D
 Acq: 13 Aug 2020 21:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VB16182

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	14.6	0.0	30.0

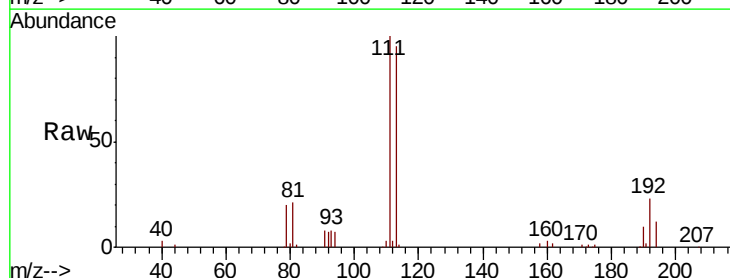


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

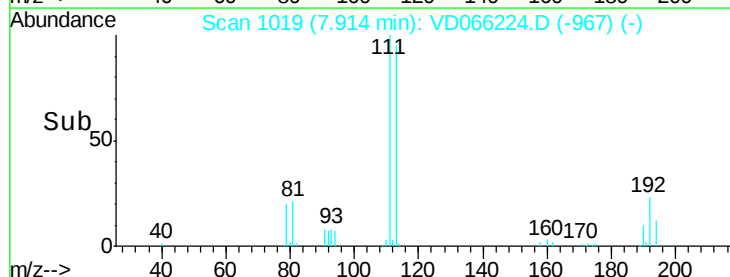
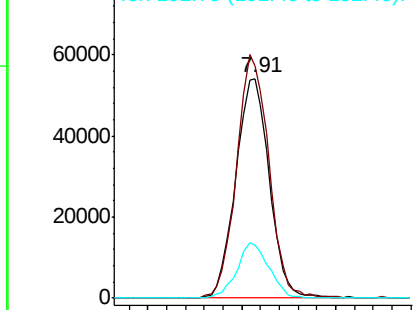


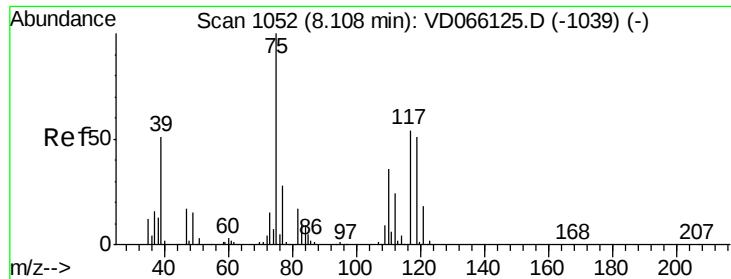
#35
 Dibromofluoromethane
 Concen: 48.611 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066224.D
 Acq: 13 Aug 2020 21:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	107.2	80.7	121.1
192	23.9	18.4	27.6



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

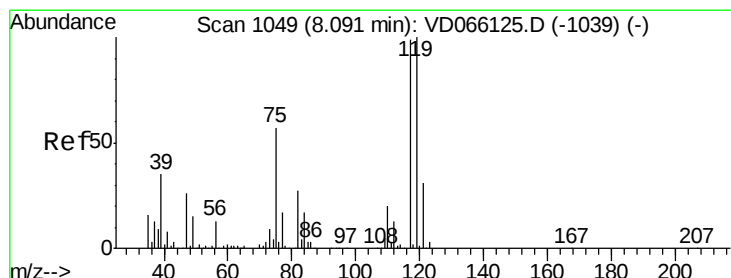
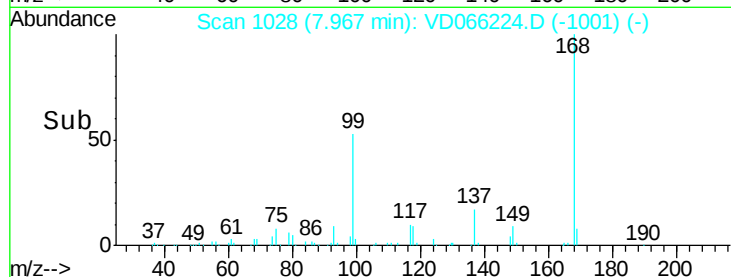
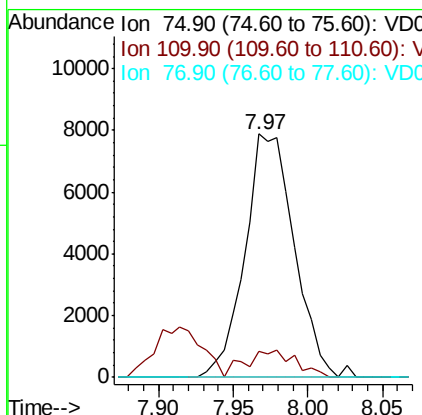
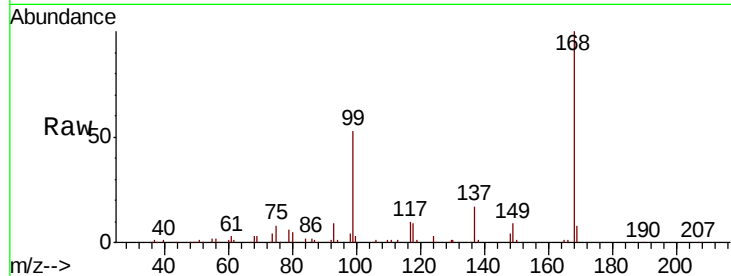




#36
 1,1-Dichloropropene
 Concen: 4.402 ug/l
 RT: 7.97 min Scan# 1028
 Delta R.T. -0.14 min
 Lab File: VD066224.D
 Acq: 13 Aug 2020 21:37

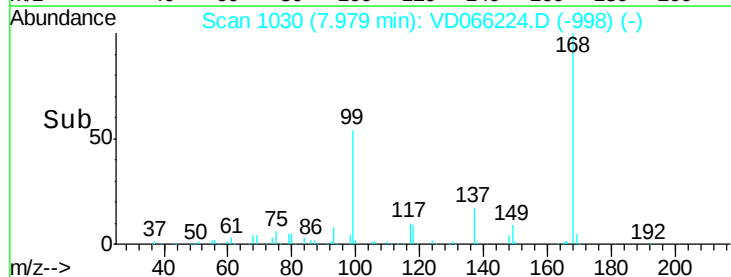
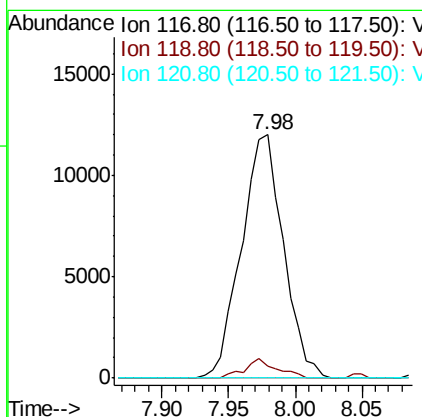
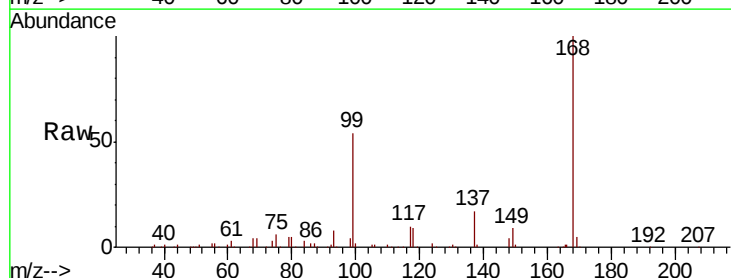
Instrument :
 MSVOA_D
 ClientSampleId :
 VB16182

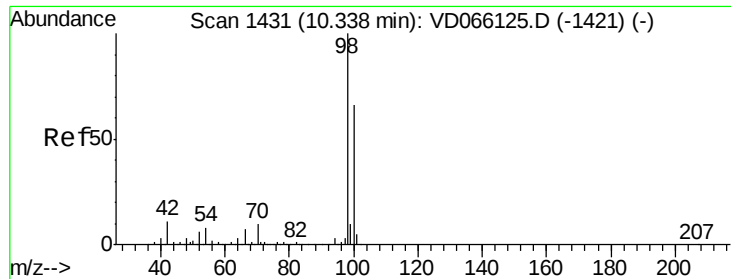
Tot Ion	75	Resp	17993
Ion Ratio	Lower	Upper	
75	100		
110	11.5	18.8	56.3#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 5.754 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: VD066224.D
 Acq: 13 Aug 2020 21:37

Tgt Ion	117	Resp	26226
Ion Ratio	Lower	Upper	
117	100		
119	4.8	81.0	121.4#
121	0.0	24.8	37.2#

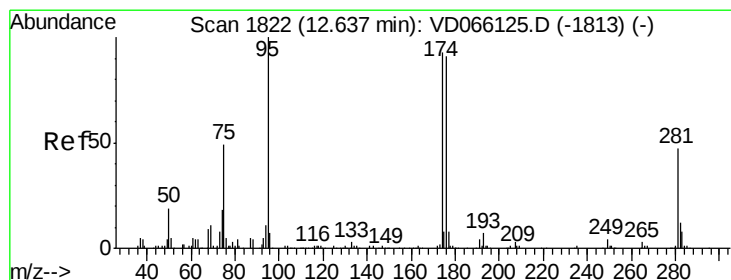
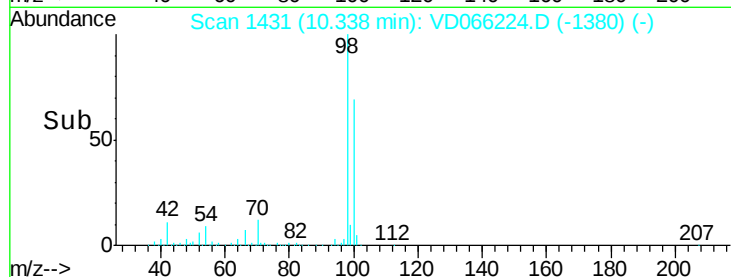
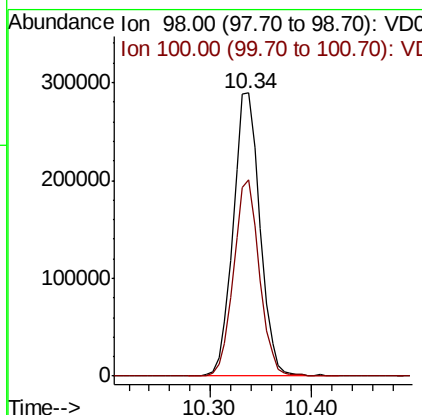
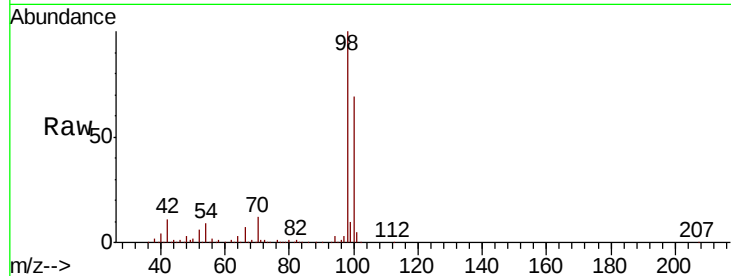




#50
Toluene-d8
Concen: 52.323 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066224.D
Acq: 13 Aug 2020 21:37

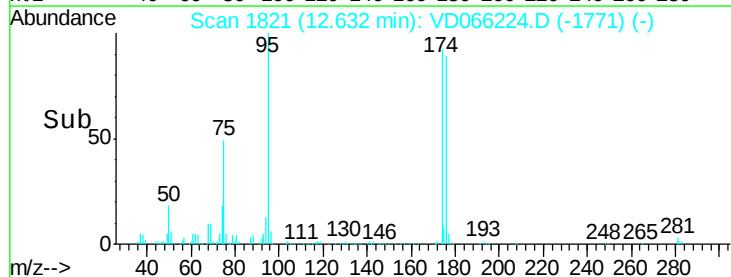
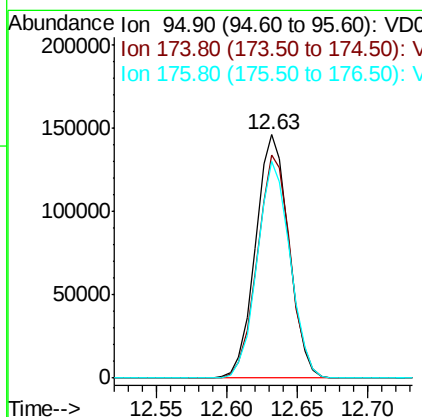
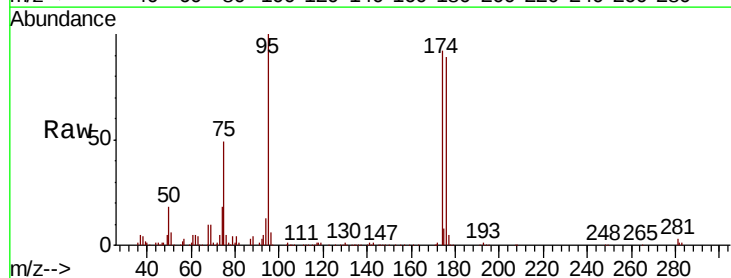
Instrument :
MSVOA_D
ClientSampleId :
VB16182

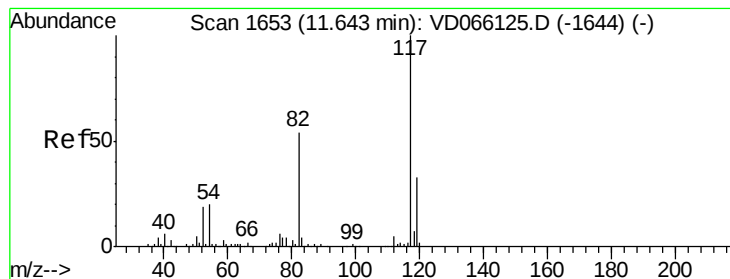
Tot Ion: 98 Resp: 532009
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 66.187 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066224.D
Acq: 13 Aug 2020 21:37

Tgt Ion: 95 Resp: 242581
Ion Ratio Lower Upper
95 100
174 90.6 0.0 180.8
176 87.8 0.0 181.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066224.D

Acq: 13 Aug 2020 21:37

Instrument :

MSVOA_D

ClientSampleId :

VB16182

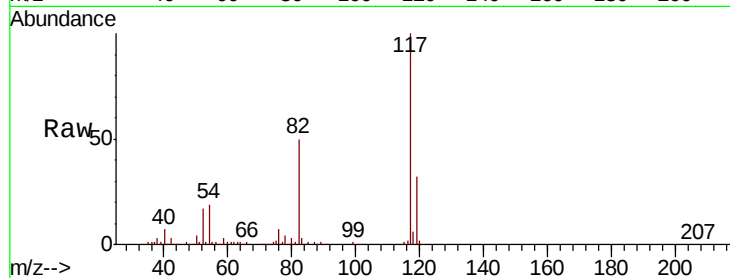
Tot Ion:117 Resp: 506484

Ion Ratio Lower Upper

117 100

82 49.7 43.0 64.4

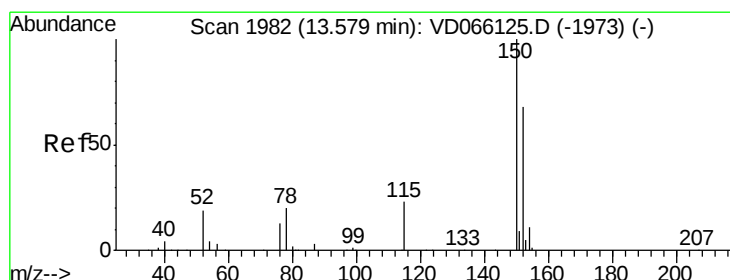
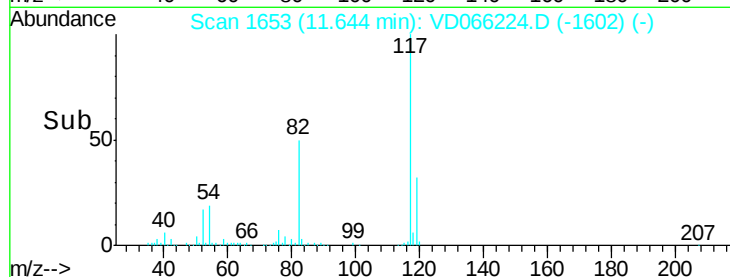
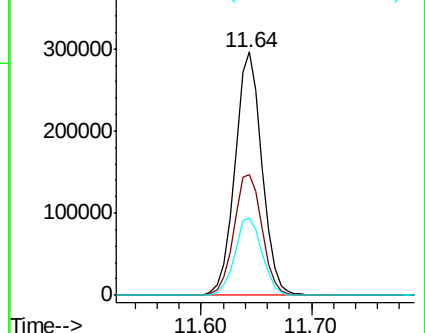
119 31.6 26.1 39.1



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. 0.00 min

Lab File: VD066224.D

Acq: 13 Aug 2020 21:37

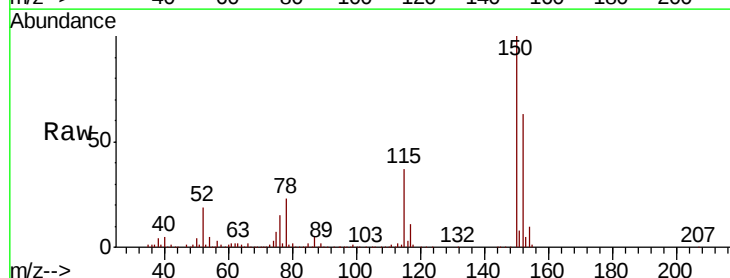
Tgt Ion:152 Resp: 250530

Ion Ratio Lower Upper

152 100

115 56.6 28.0 83.9

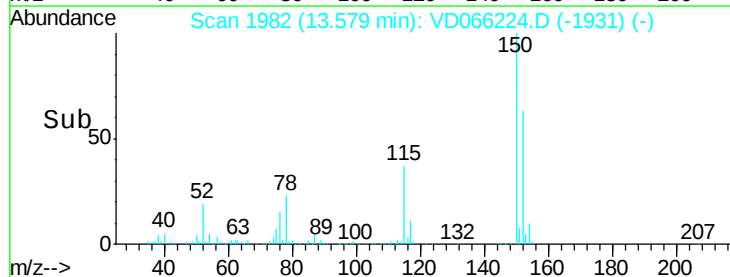
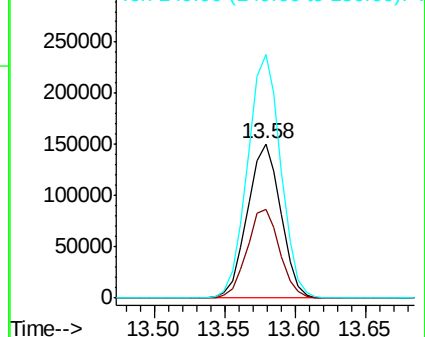
150 156.8 0.0 346.4

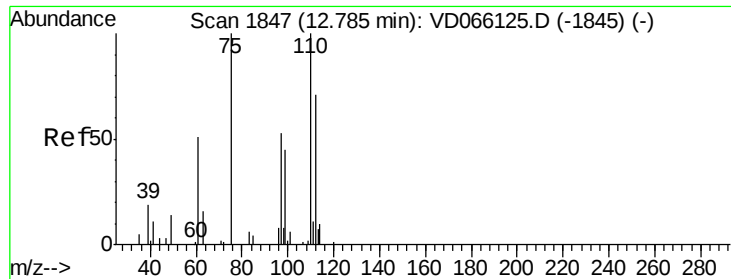


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 58.098 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066224.D

Acq: 13 Aug 2020 21:37

Instrument :

MSVOA_D

ClientSampleId :

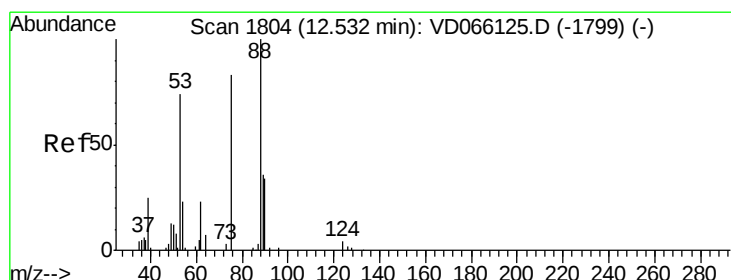
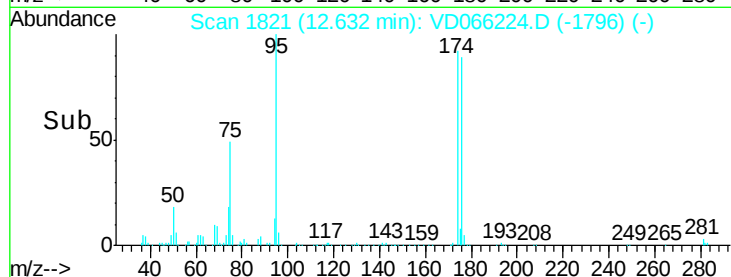
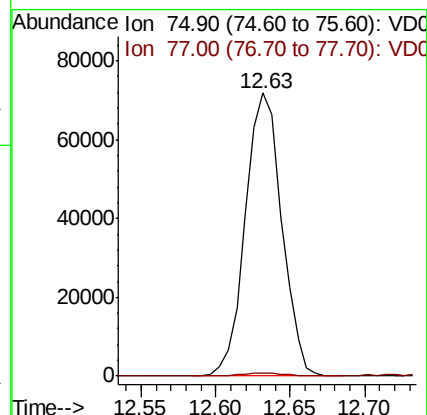
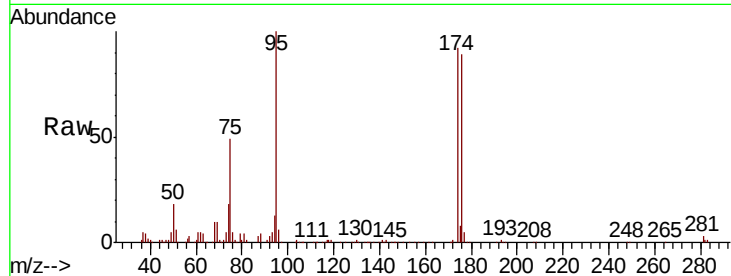
VB16182

Tot Ion: 75 Resp: 121380

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.428 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066224.D

Acq: 13 Aug 2020 21:37

Tgt Ion: 75 Resp: 121380

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#

