

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066167.D
 Acq On : 10 Aug 2020 16:29
 Operator : VA/SY
 Sample : L3594-05
 Misc : 6.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Aug 11 04:34:43 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

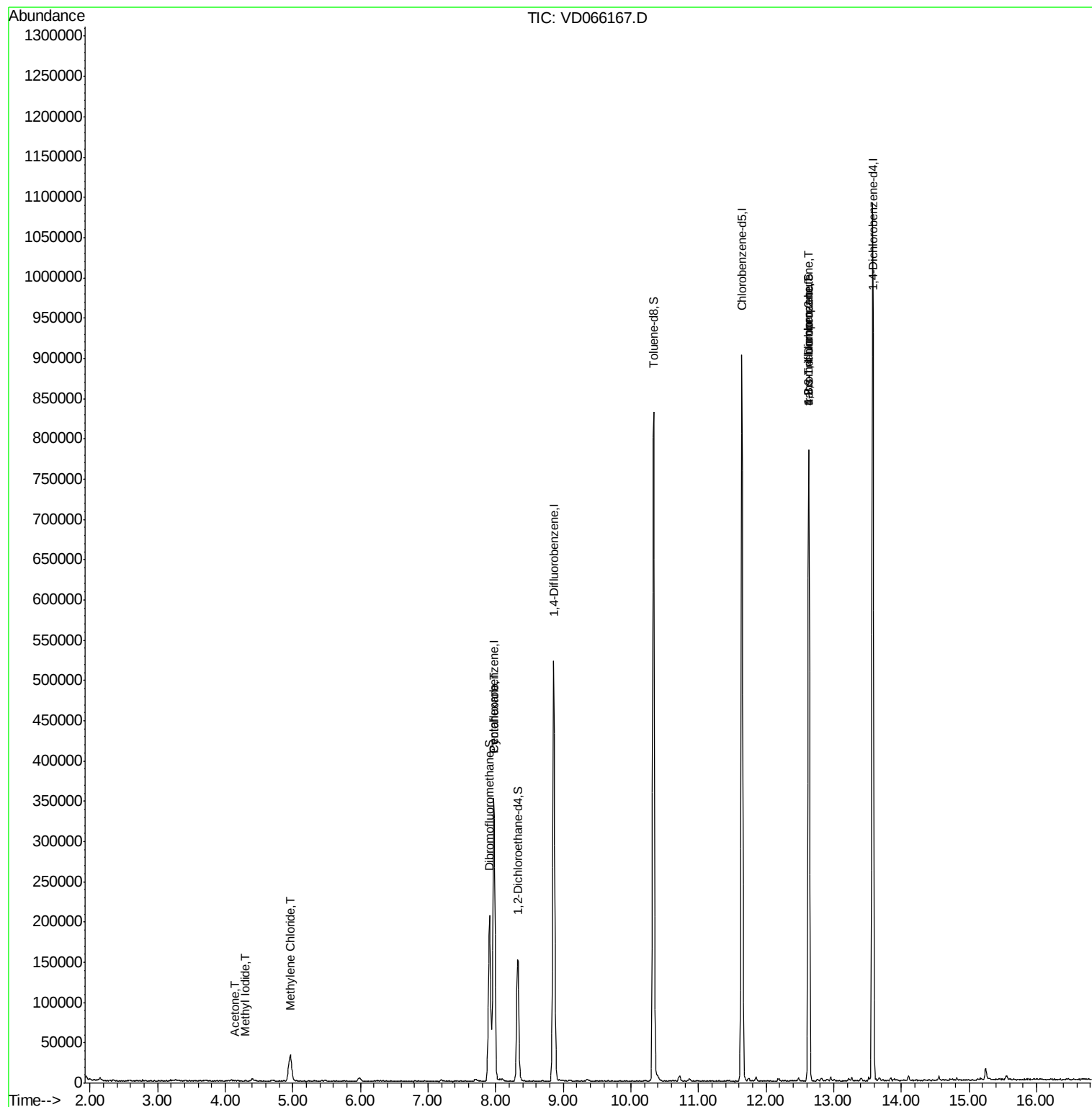
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	273909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	460478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	530356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	122932	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
35) Dibromofluoromethane	7.91	113	145092	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.34	98	573456	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.63	95	255002	65.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.44%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	1060	7.103	ug/l #	49
11) Tert butyl alcohol	5.23	59	57	Below Cal	#	76
16) Acetone	4.15	43	654	1.410	ug/l #	44
20) Methylene Chloride	4.96	84	26443	5.808	ug/l	90
31) Cyclohexane	7.98	56	6029	1.408	ug/l #	41
76) 1,2,3-Trichloropropane	12.63	75	124855	51.084	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	124855	112.924	ug/l #	13

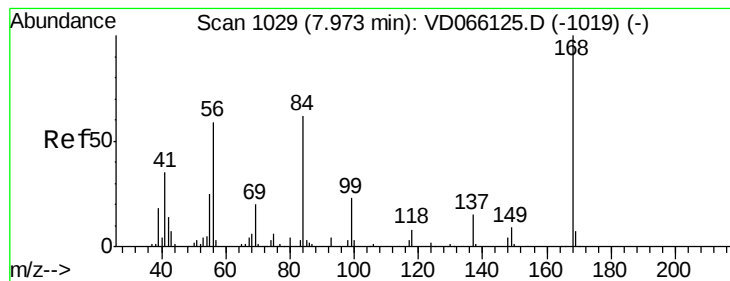
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081020\
Data File : VD066167.D
Acq On : 10 Aug 2020 16:29
Operator : VA/SY
Sample : L3594-05
Misc : 6.24G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Quant Time: Aug 11 04:34:43 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: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066167.D

Acq: 10 Aug 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

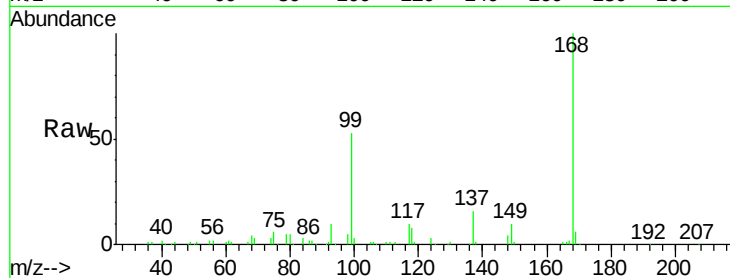
TP-2

Tot Ion:168 Resp: 273909

Ion Ratio Lower Upper

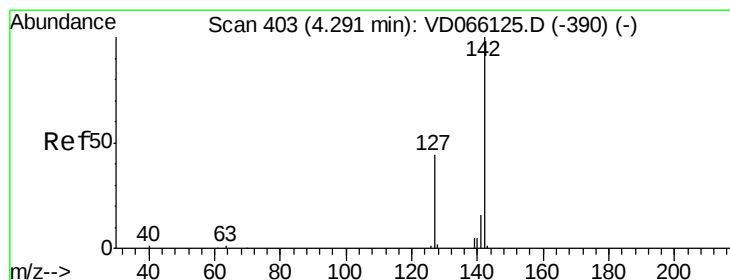
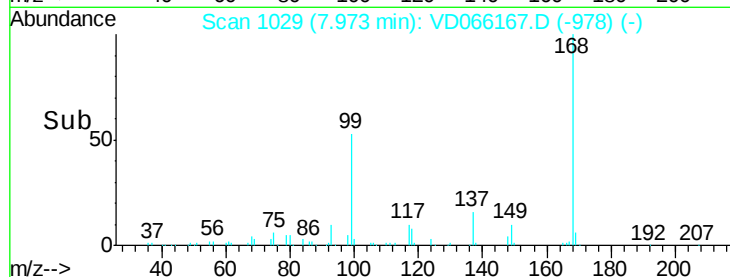
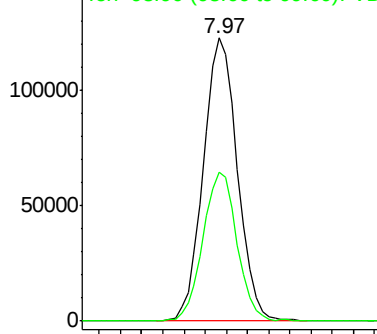
168 100

99 52.6 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#10

Methyl Iodide

Concen: 7.103 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066167.D

Acq: 10 Aug 2020 16:29

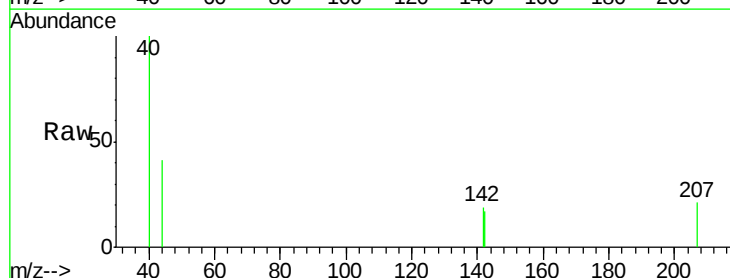
Tgt Ion:142 Resp: 1060

Ion Ratio Lower Upper

142 100

127 8.8 36.2 54.4#

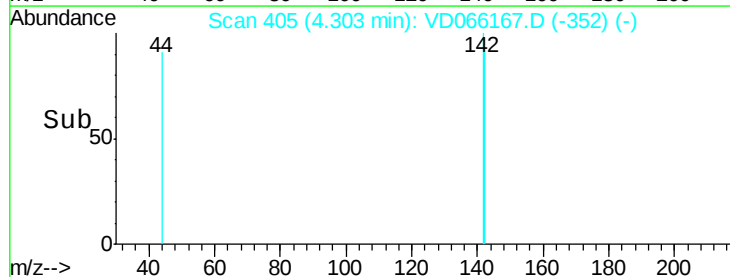
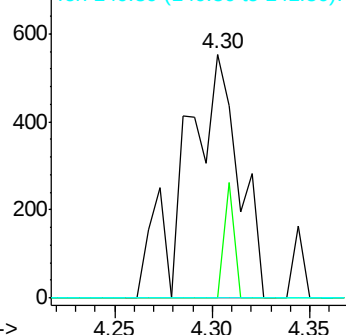
141 0.0 12.6 18.8#

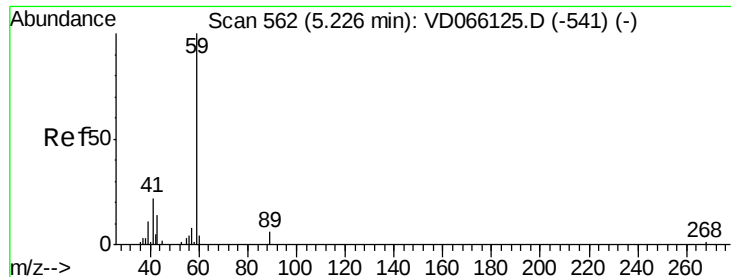


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



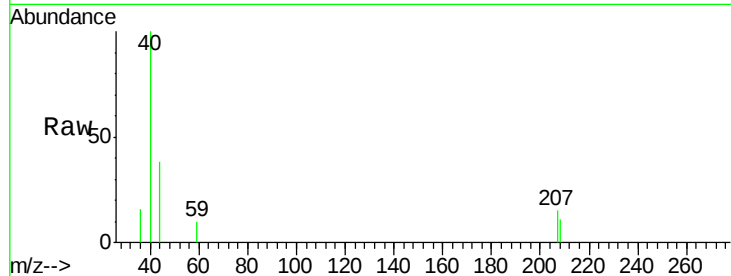


#11

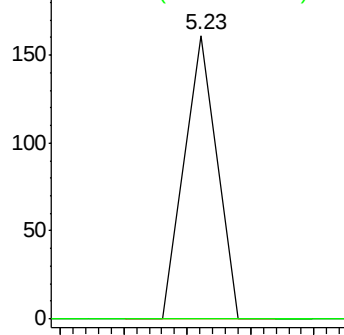
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: VD066167.D
 Acq: 10 Aug 2020 16:29

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

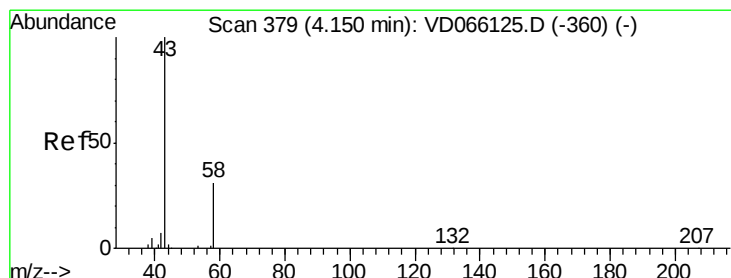
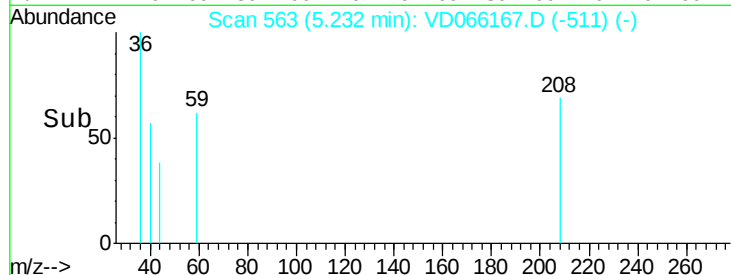
Tot Ion: 59 Resp: 57
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



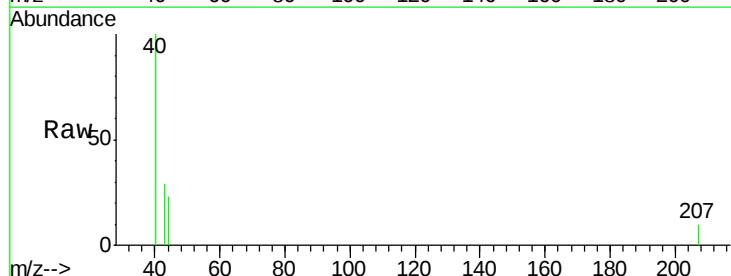
Time--> 5.21 5.22 5.23 5.24 5.25



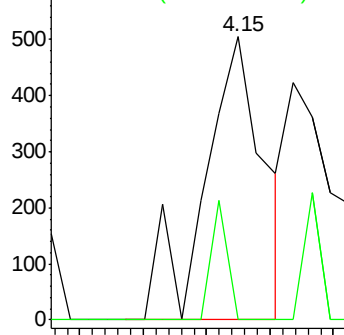
#16

Acetone
 Concen: 1.410 ug/l
 RT: 4.15 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VD066167.D
 Acq: 10 Aug 2020 16:29

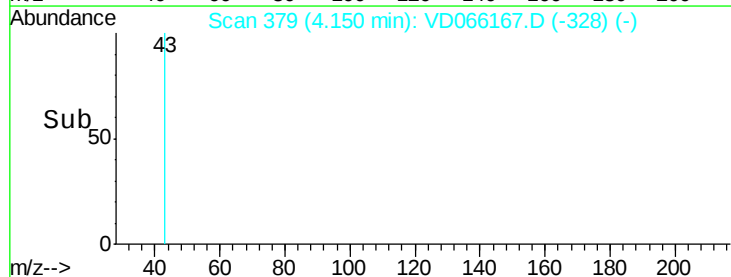
Tgt Ion: 43 Resp: 654
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.7 37.1#

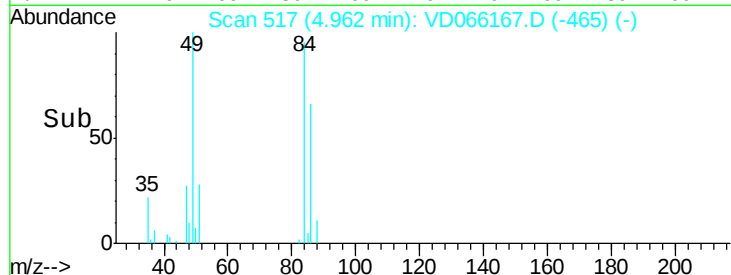
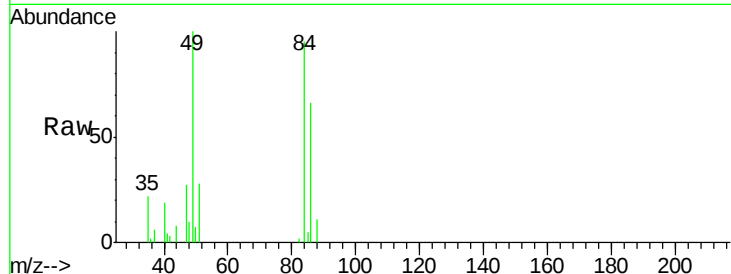
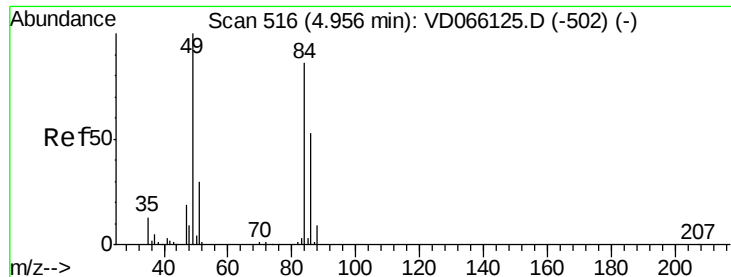


Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC



Time--> 4.10 4.12 4.14 4.16

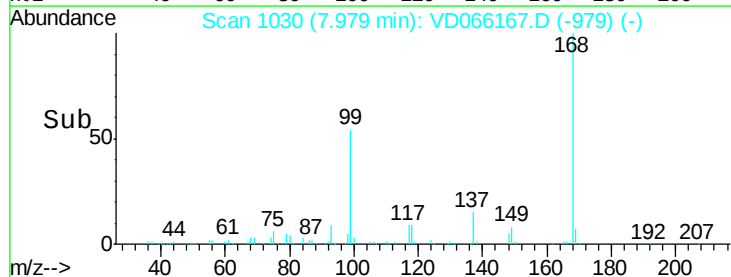
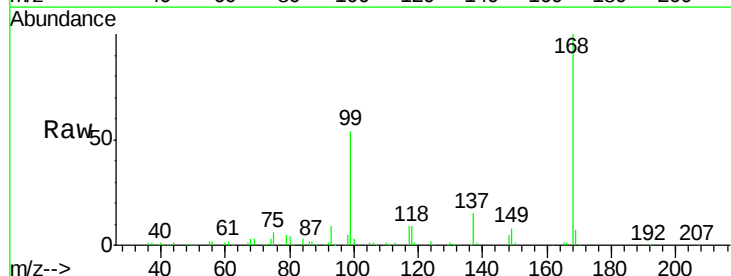
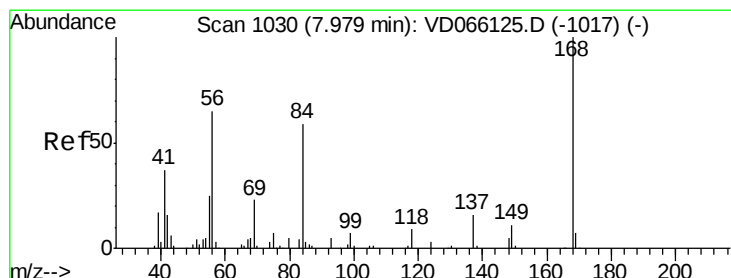
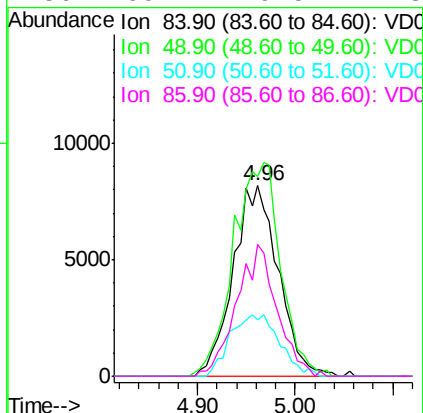




#20
Methvlene Chloride
Concen: 5.808 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066167.D
Acq: 10 Aug 2020 16:29

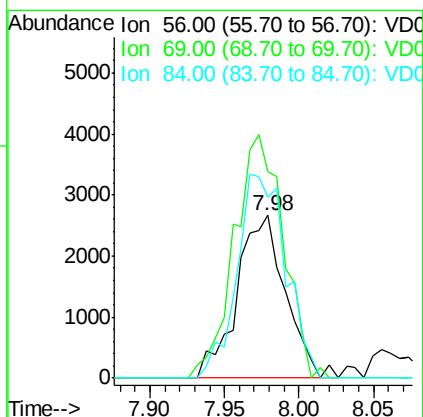
Instrument :
MSVOA_D
ClientSampled :
TP-2

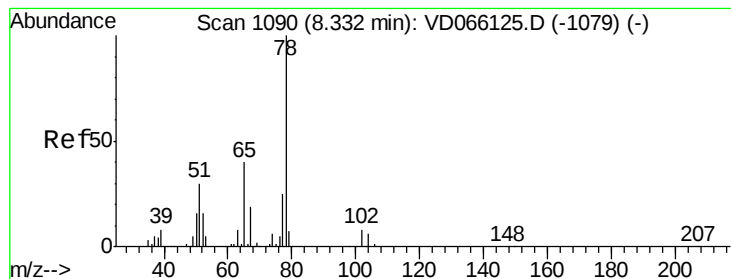
Tot Ion:	84	Resp:	26443
Ion	Ratio	Lower	Upper
84	100		
49	105.1	93.5	140.3
51	29.8	28.2	42.4
86	69.4	49.5	74.3



#31
Cyclohexane
Concen: 1.408 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066167.D
Acq: 10 Aug 2020 16:29

Tgt Ion:	56	Resp:	6029
Ion	Ratio	Lower	Upper
56	100		
69	126.7	28.8	43.2#
84	111.1	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 50.306 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066167.D

Acq: 10 Aug 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

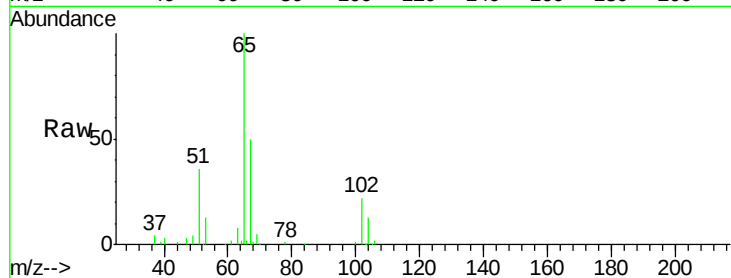
TP-2

Tot Ion: 65 Resp: 122932

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

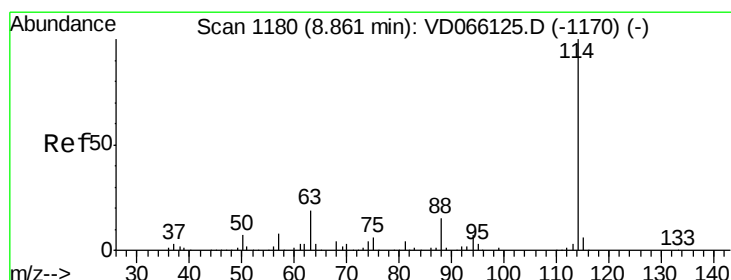
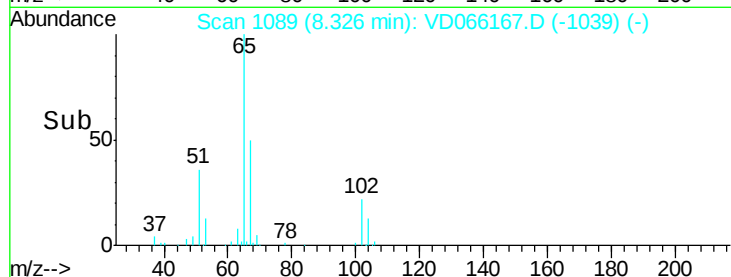
30000

20000

10000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066167.D

Acq: 10 Aug 2020 16:29

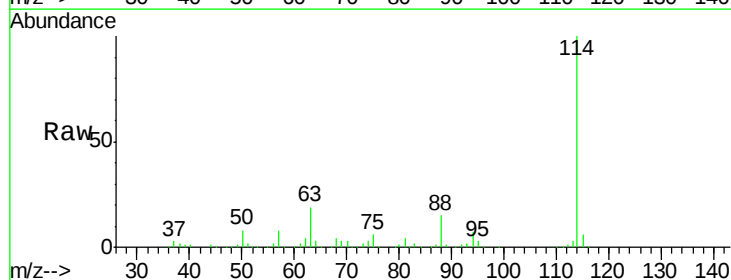
Tgt Ion: 114 Resp: 460478

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 14.9 0.0 30.0



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

300000

250000

200000

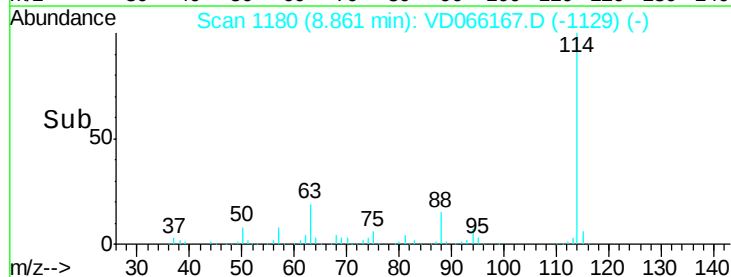
150000

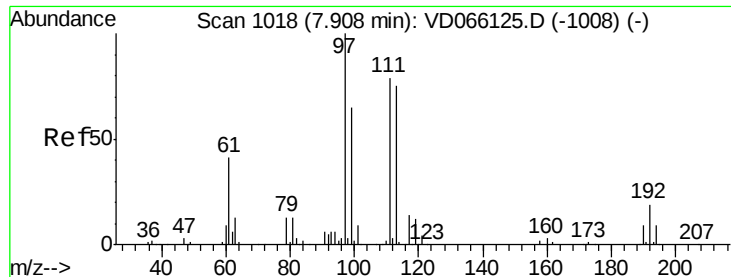
100000

50000

0

Time--> 8.80 8.90 9.00

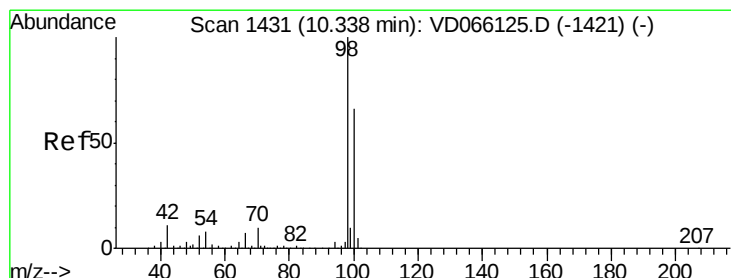
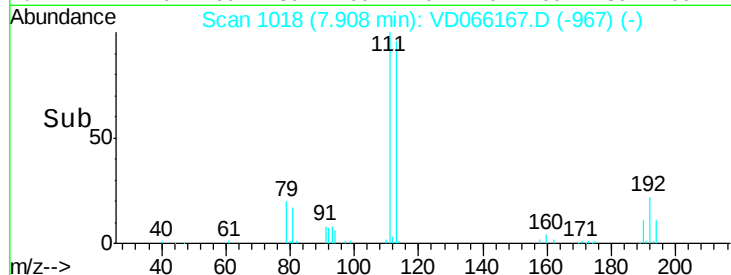
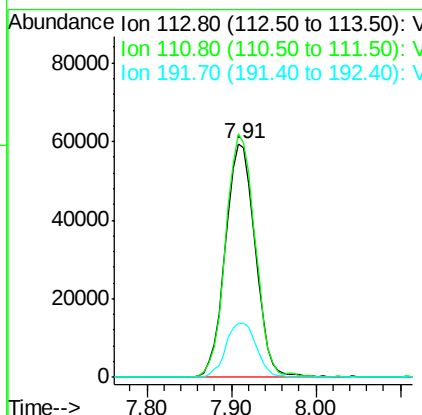
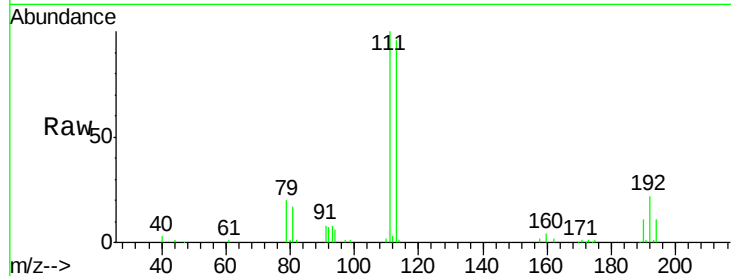




#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066167.D
 Acq: 10 Aug 2020 16:29

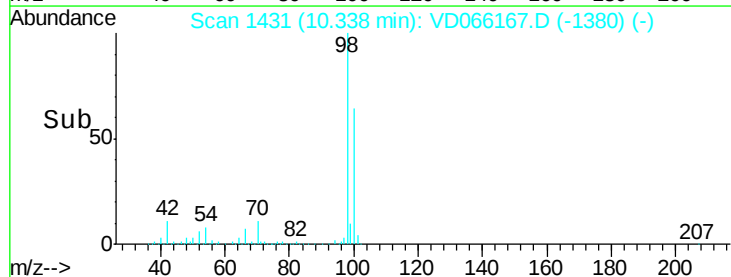
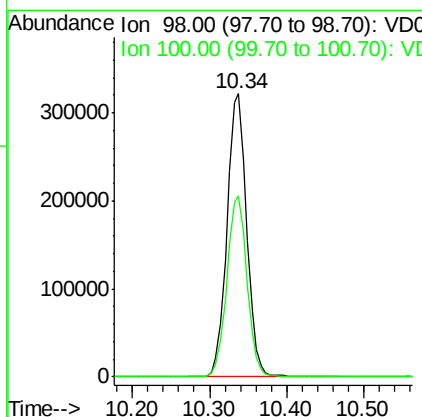
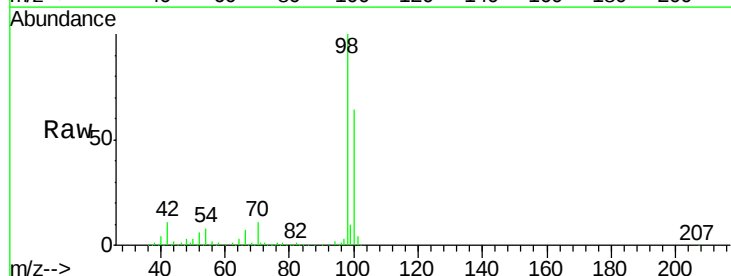
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

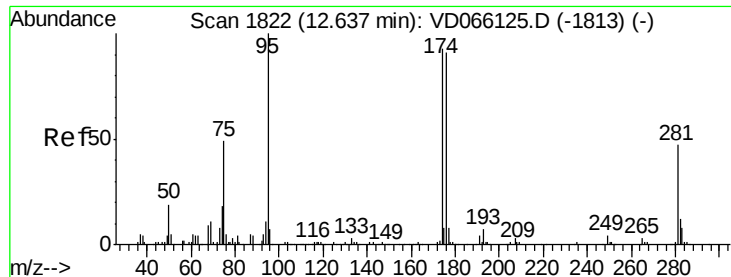
Tot Ion:113 Resp: 145092
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.7 121.1
 192 23.7 18.4 27.6



#50
 Toluene-d8
 Concen: 53.272 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066167.D
 Acq: 10 Aug 2020 16:29

Tgt Ion: 98 Resp: 573456
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.6 78.8

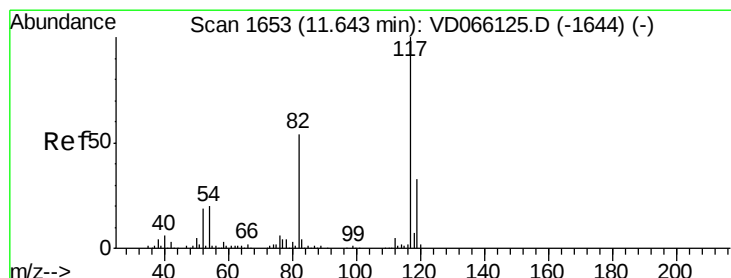
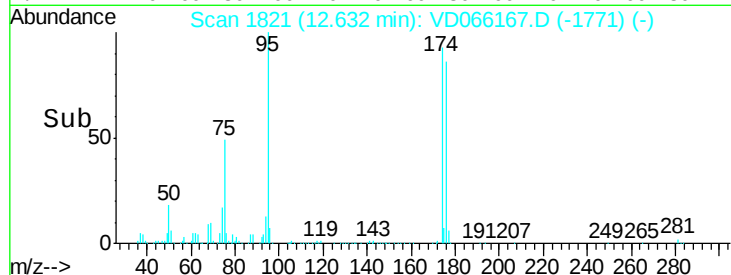
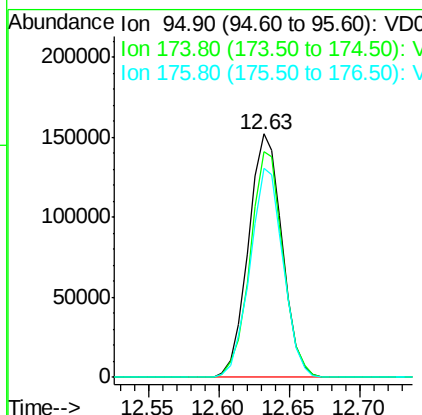
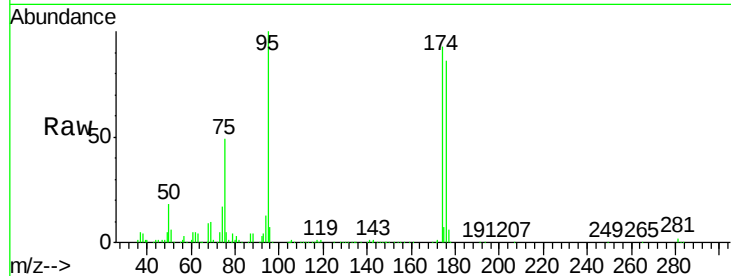




#62
4-Bromofluorobenzene
Concen: 65.718 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066167.D
Acq: 10 Aug 2020 16:29

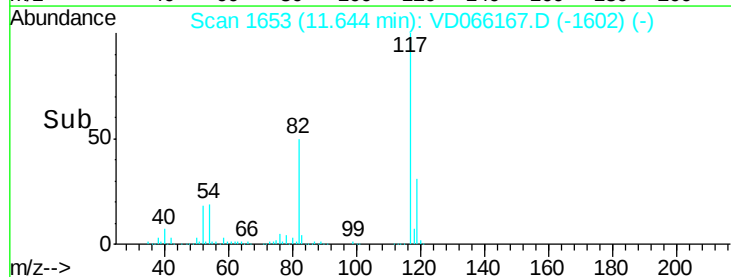
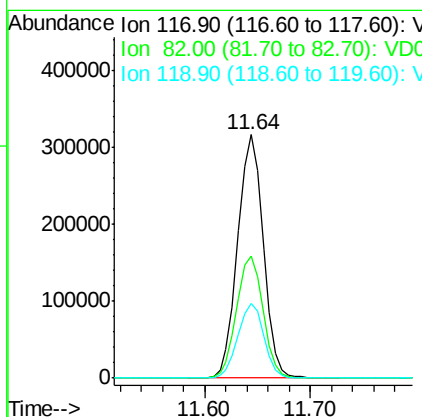
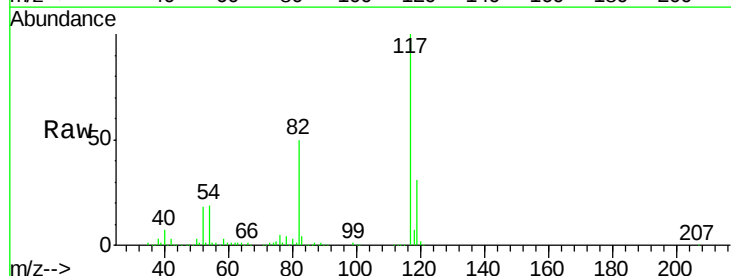
Instrument :
MSVOA_D
ClientSampleId :
TP-2

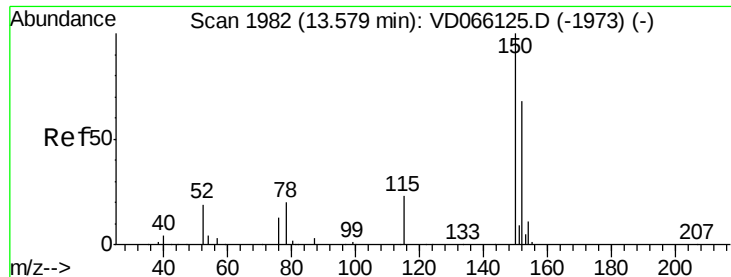
Tot Ion: 95 Resp: 255002
Ion Ratio Lower Upper
95 100
174 90.3 0.0 180.8
176 84.3 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066167.D
Acq: 10 Aug 2020 16:29

Tgt Ion: 117 Resp: 530356
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 30.9 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066167.D

Acq: 10 Aug 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

TP-2

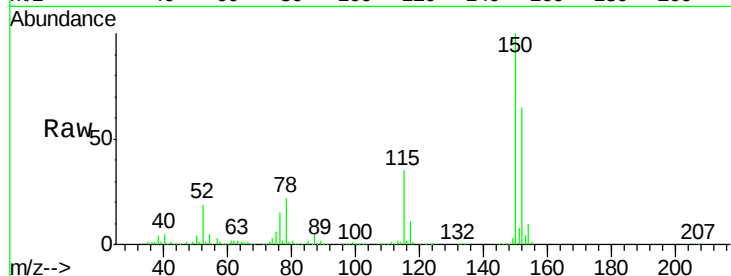
Tot Ion:152 Resp: 293084

Ion Ratio Lower Upper

152 100

115 55.4 28.0 83.9

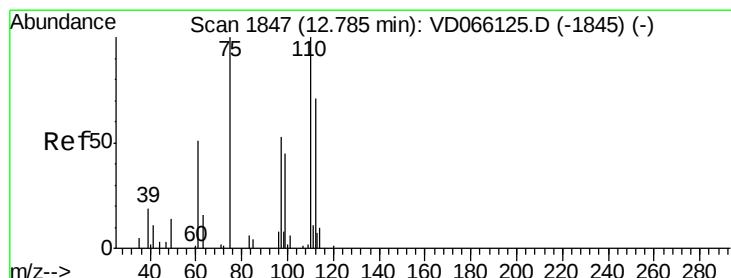
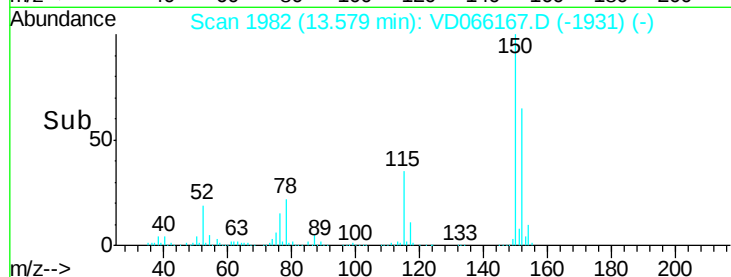
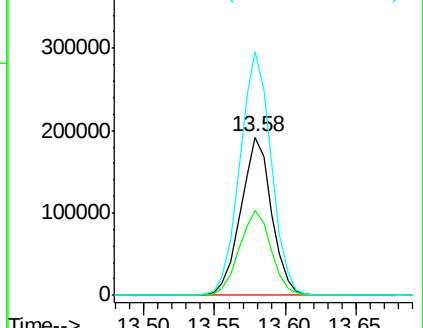
150 157.1 0.0 346.4



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: 51.084 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066167.D

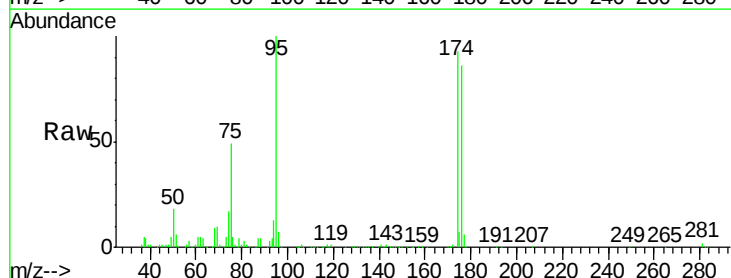
Acq: 10 Aug 2020 16:29

Tgt Ion: 75 Resp: 124855

Ion Ratio Lower Upper

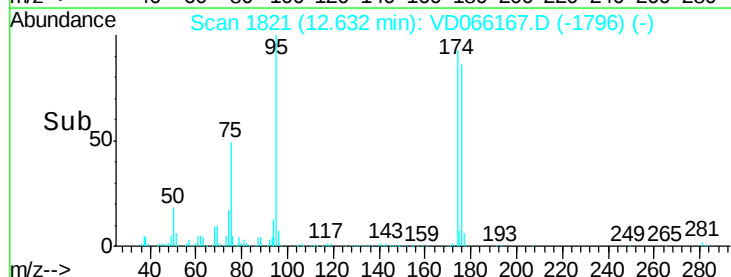
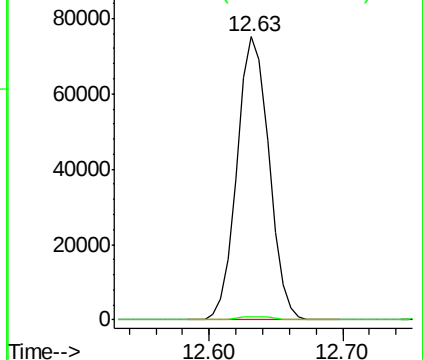
75 100

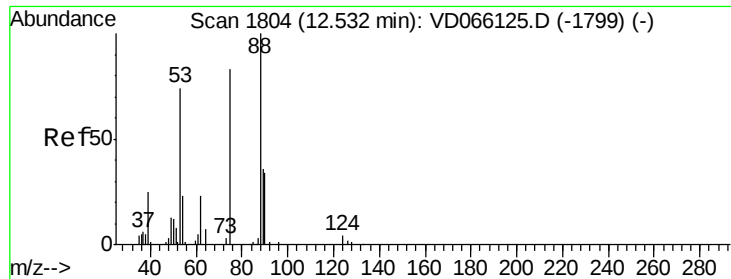
77 1.3 0.0 0.0#



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: 112.924 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066167.D
Acq: 10 Aug 2020 16:29

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion: 75 Resp: 124855
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.2#
89 0.0 36.6 55.0#

