

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066364.D
 Acq On : 21 Aug 2020 17:23
 Operator : VA/SY
 Sample : L3729-10
 Misc : 4.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(1-2)

Quant Time: Aug 22 02:23:24 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	215932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	323352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	349841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	200374	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	101677	48.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.06%	
35) Dibromofluoromethane	7.91	113	99856	49.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.78%	
50) Toluene-d8	10.34	98	392248	53.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.63	95	170345	64.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	129.78%	

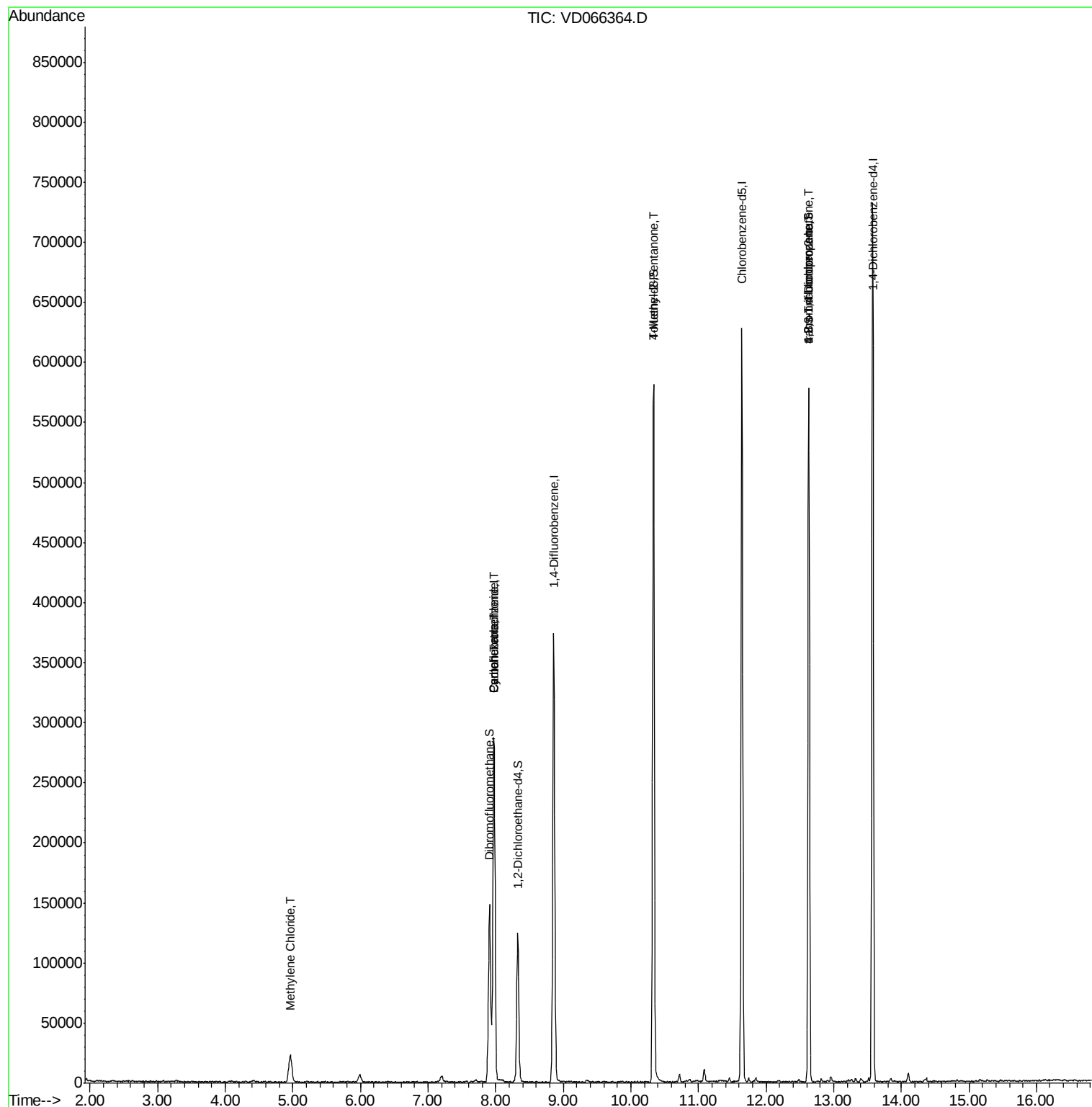
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	467	Below Cal	#	71
20) Methylene Chloride	4.97	84	17957	2.831	ug/l #	89
31) Cyclohexane	7.97	56	5393	1.835	ug/l #	30
38) Carbon Tetrachloride	7.98	117	22449	5.840	ug/l #	15
51) 4-Methyl-2-Pentanone	10.34	43	1884	1.934	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	92925	65.921	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	92925	139.929	ug/l #	6

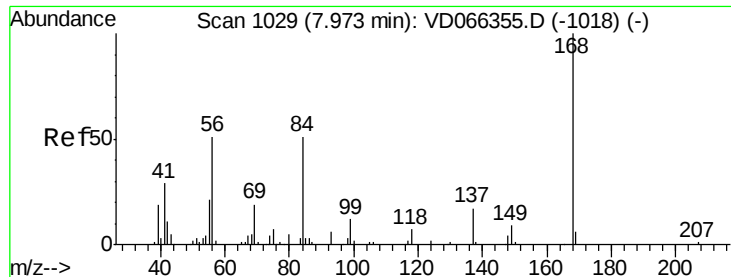
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082120\
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Quant Time: Aug 22 02:23:24 2020
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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: VD066364.D

Acq: 21 Aug 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

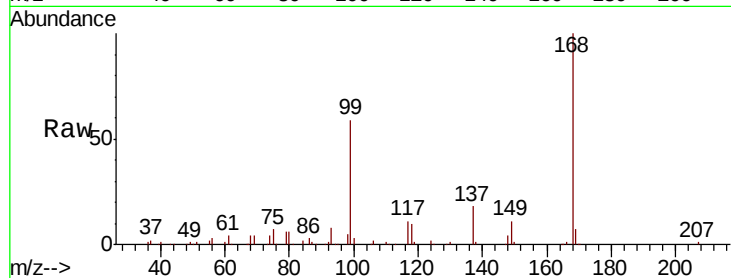
SB-4-(1-2)

Tot Ion:168 Resp: 215932

Ion Ratio Lower Upper

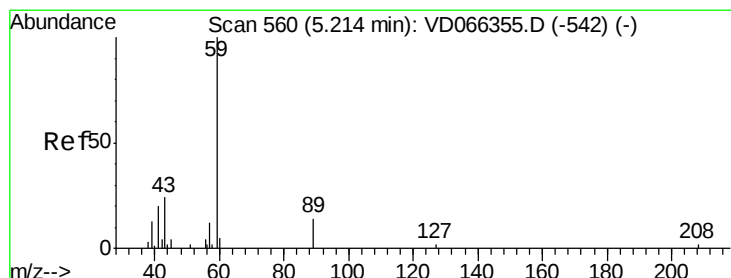
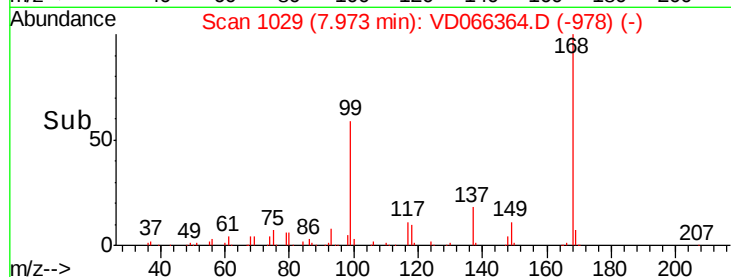
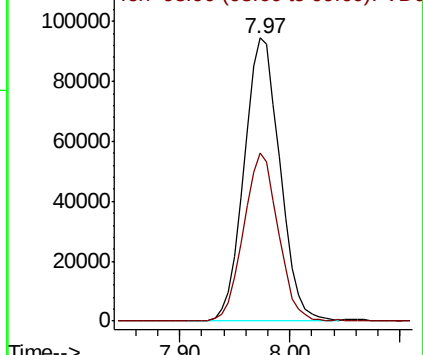
168 100

99 59.1 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: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066364.D

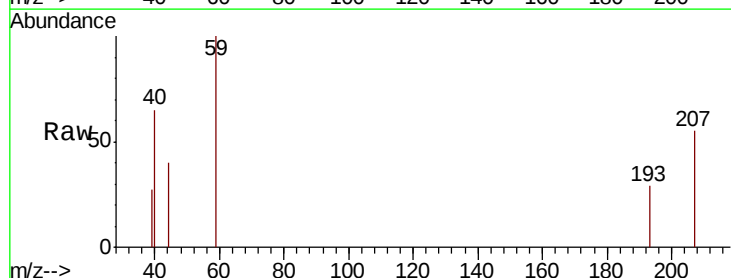
Acq: 21 Aug 2020 17:23

Tgt Ion: 59 Resp: 467

Ion Ratio Lower Upper

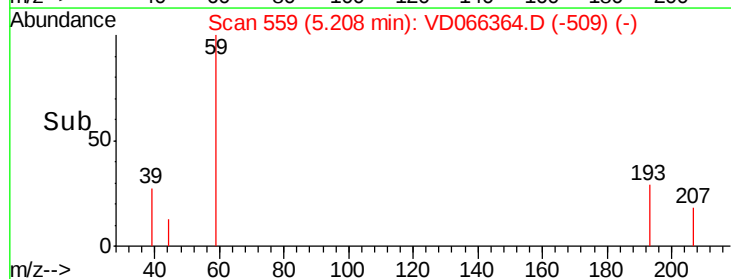
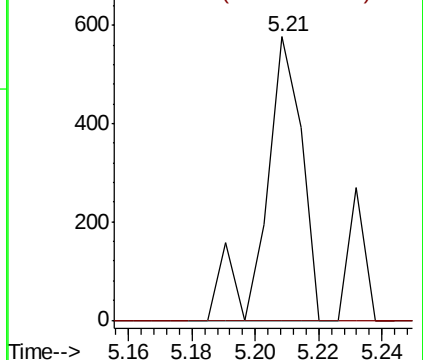
59 100

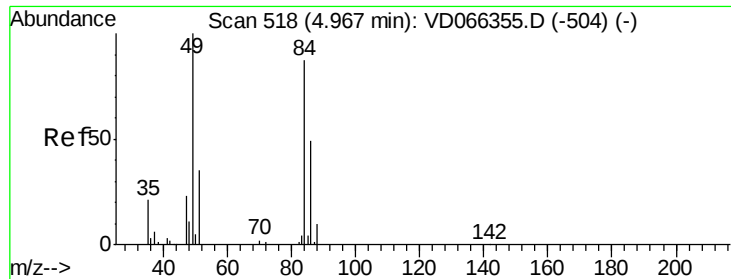
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

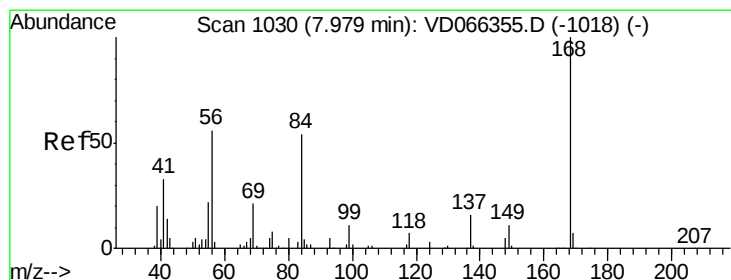
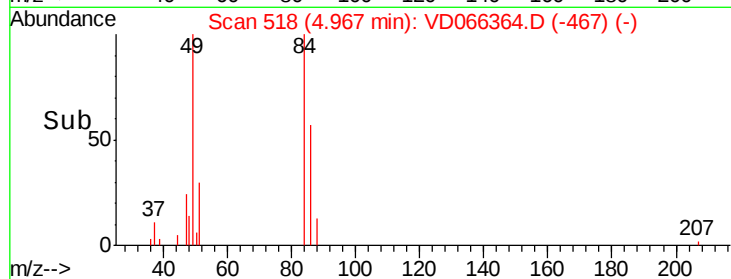
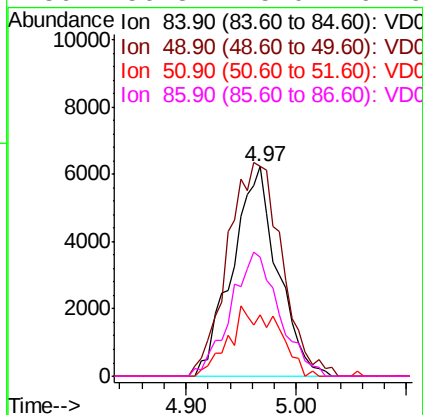
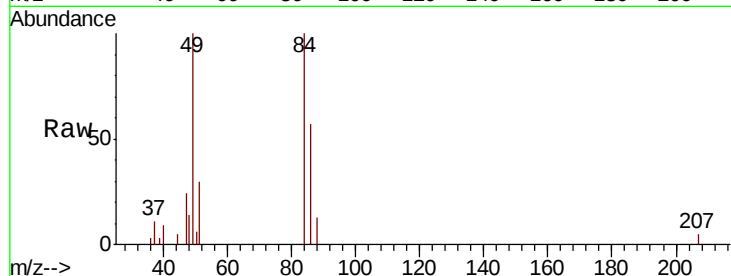




#20
Methvlene Chloride
Concen: 2.831 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066364.D
Acq: 21 Aug 2020 17:23

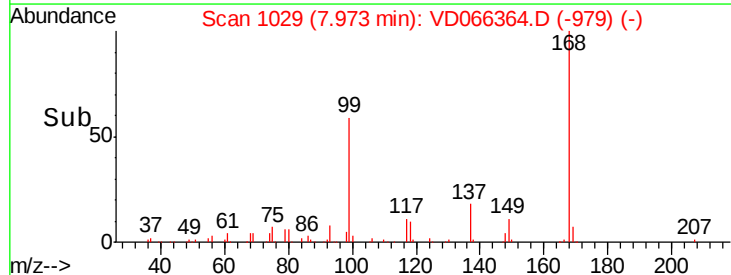
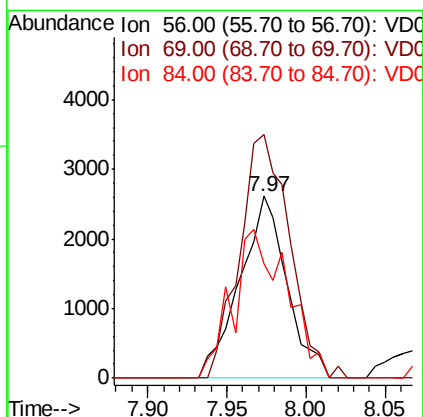
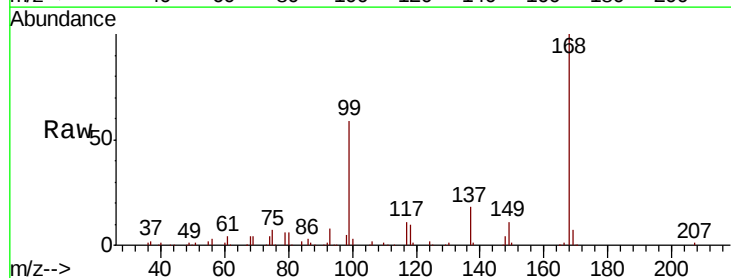
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(1-2)

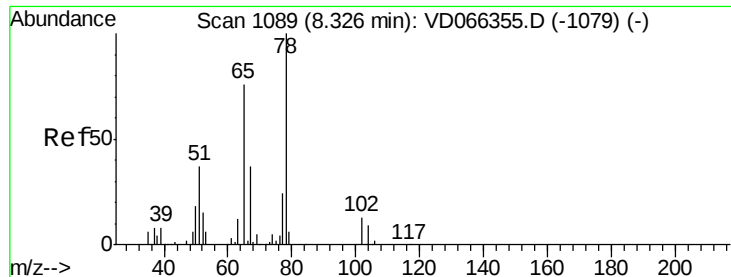
Tot Ion: 84 Resp: 17957
Ion Ratio Lower Upper
84 100
49 100.2 92.5 138.7
51 29.6 32.5 48.7#
86 56.8 45.0 67.6



#31
Cyclohexane
Concen: 1.835 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066364.D
Acq: 21 Aug 2020 17:23

Tgt Ion: 56 Resp: 5393
Ion Ratio Lower Upper
56 100
69 134.0 29.6 44.4#
84 62.6 76.6 115.0#

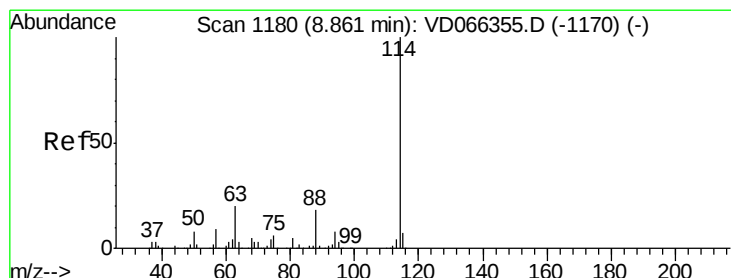
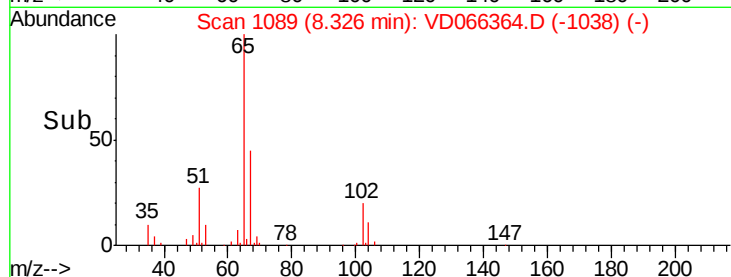
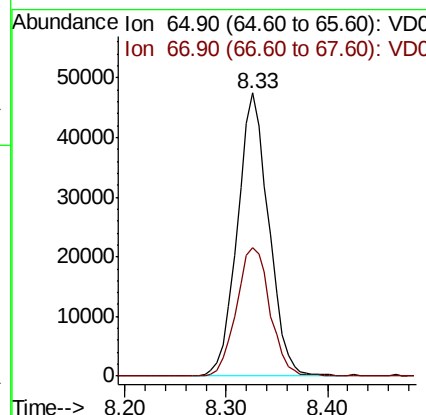
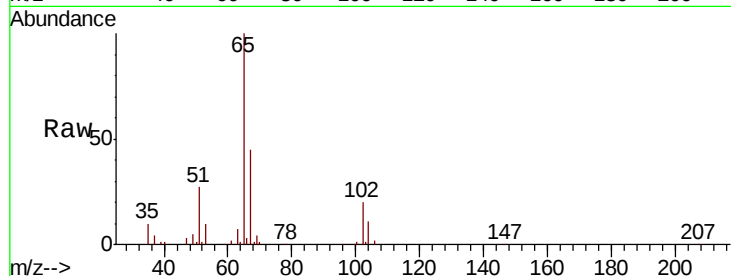




#33
 1,2-Dichloroethane-d4
 Concen: 48.029 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066364.D
 Acq: 21 Aug 2020 17:23

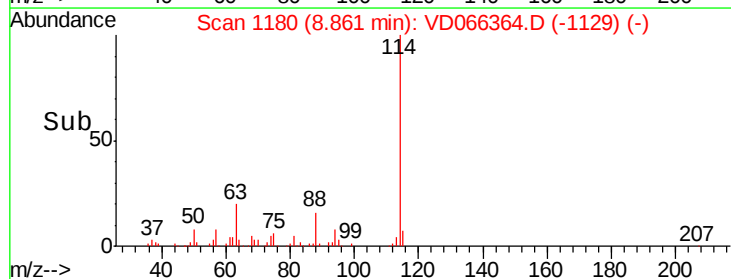
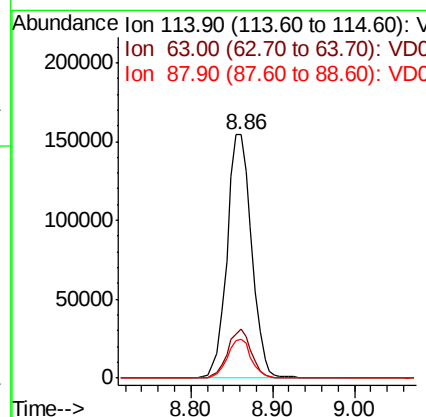
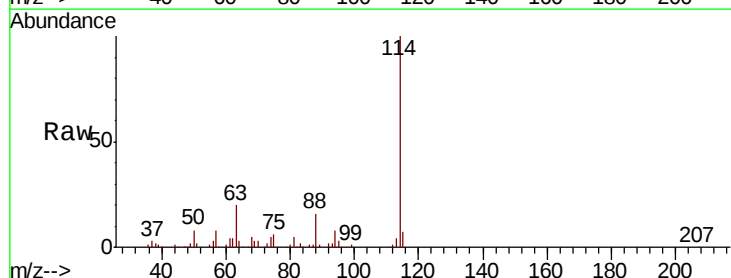
Instrument :
 MSVOA_D
 ClientSampled :
 SB-4-(1-2)

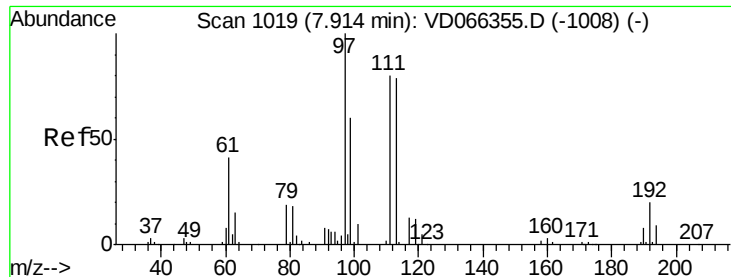
Tot Ion: 65 Resp: 101677
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066364.D
 Acq: 21 Aug 2020 17:23

Tgt Ion: 114 Resp: 323352
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 15.9 0.0 35.4

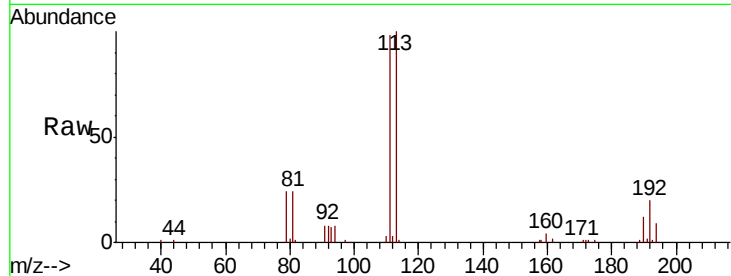




#35
 Dibromofluoromethane
 Concen: 49.386 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066364.D
 Acq: 21 Aug 2020 17:23

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(1-2)

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.3	120.5
192	23.2	19.0	28.6

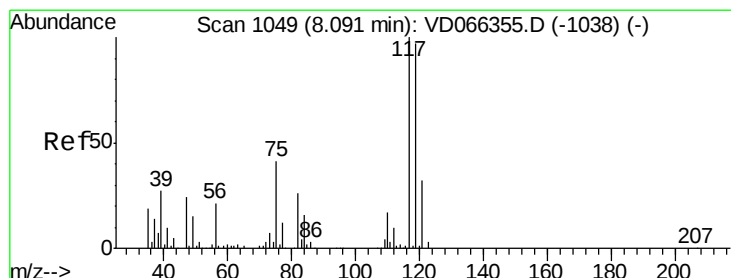
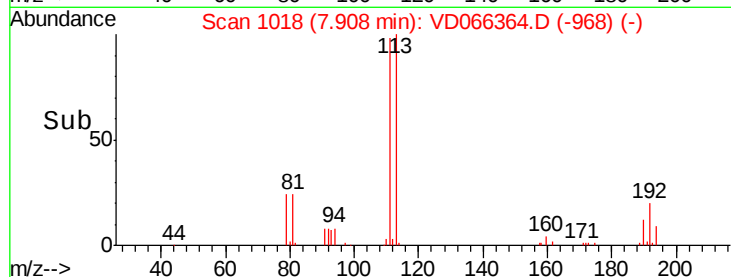
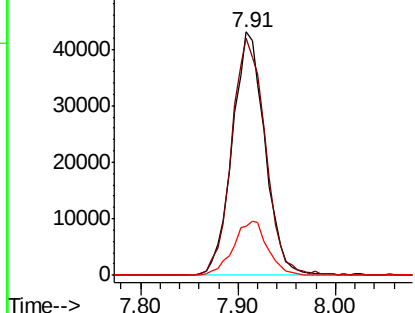


Abundance

Ion 112.80 (112.50 to 113.50): V

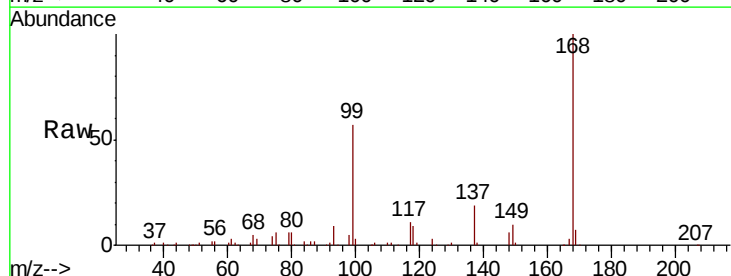
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#38
 Carbon Tetrachloride
 Concen: 5.840 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: VD066364.D
 Acq: 21 Aug 2020 17:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.2	115.8#
121	0.0	25.8	38.8#

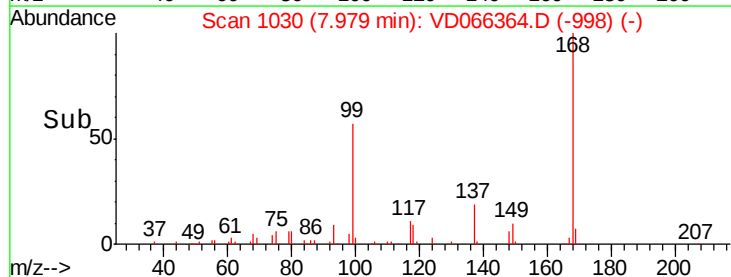
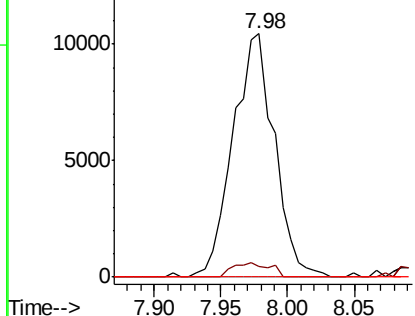


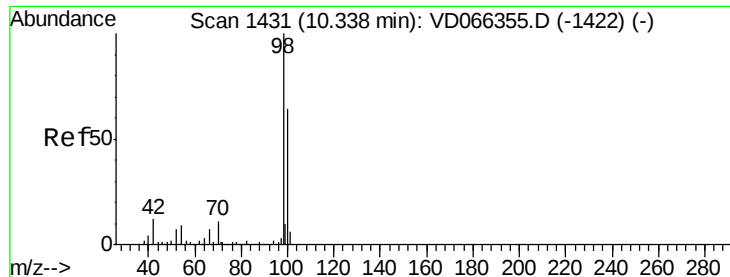
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 53.021 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066364.D

Acq: 21 Aug 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

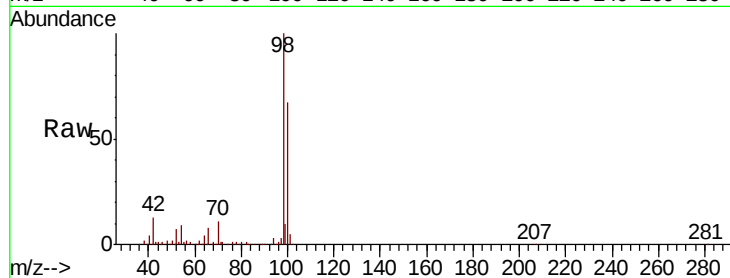
SB-4-(1-2)

Tot Ion: 98 Resp: 392248

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

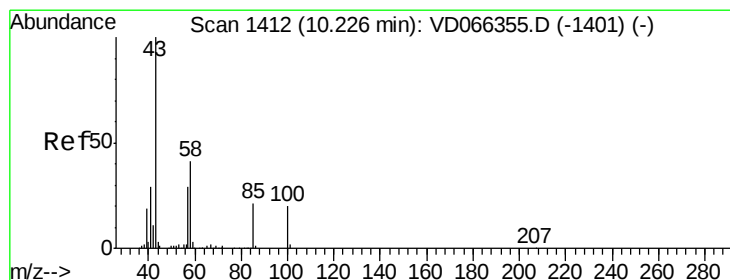
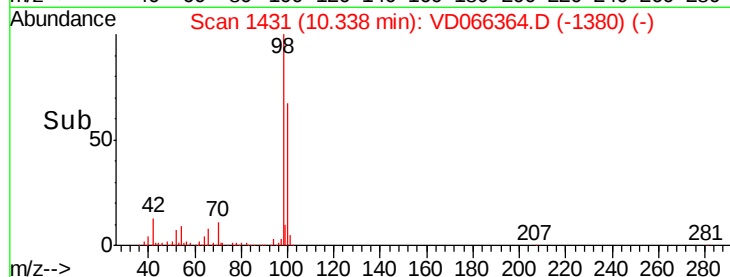
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#51

4-Methyl-2-Pentanone

Concen: 1.934 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.11 min

Lab File: VD066364.D

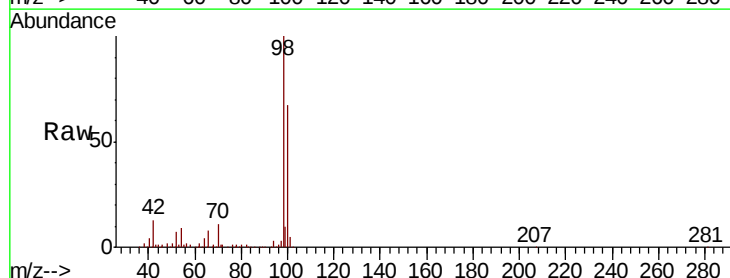
Acq: 21 Aug 2020 17:23

Tgt Ion: 43 Resp: 1884

Ion Ratio Lower Upper

43 100

58 182.2 31.4 47.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

2500

2000

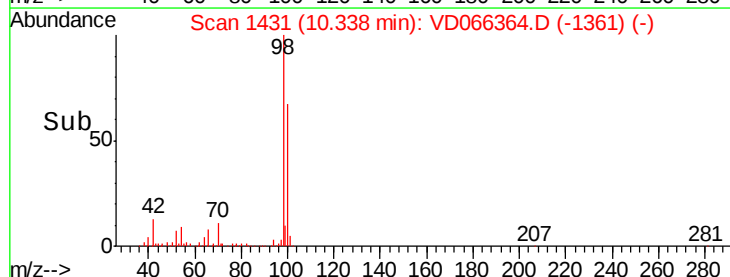
1500

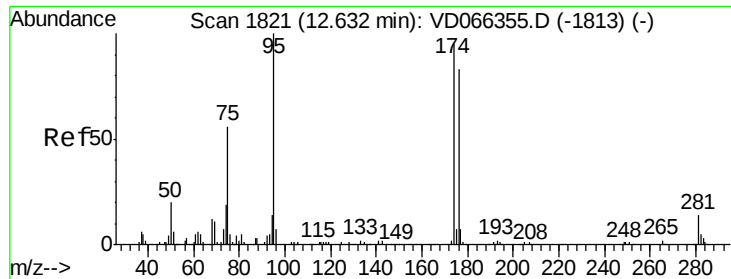
1000

500

0

Time--> 10.30 10.35

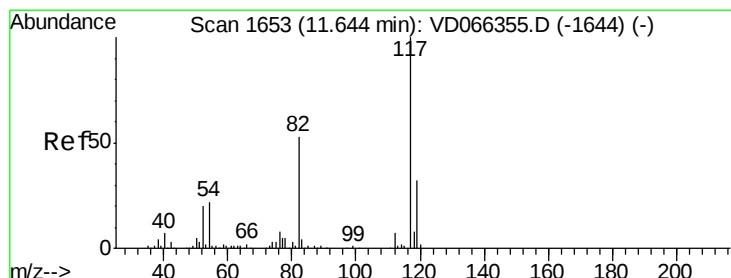
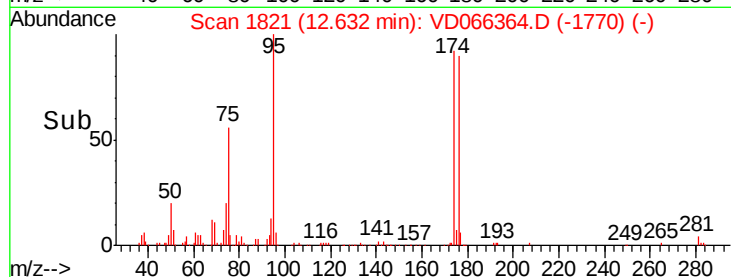
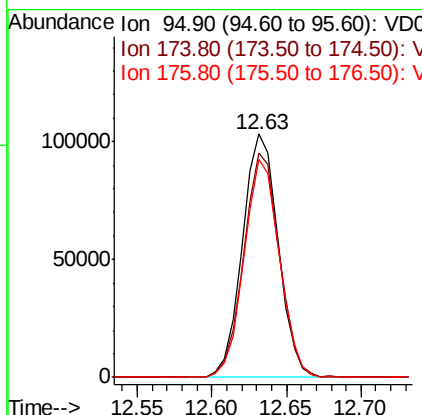
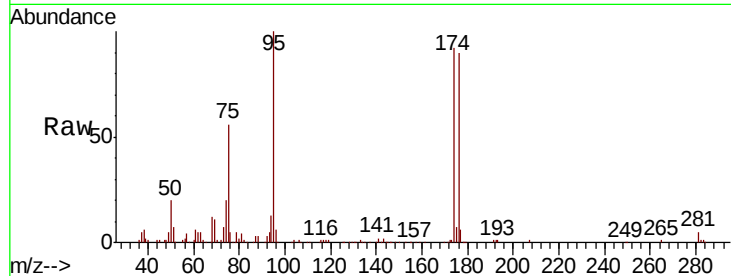




#62
4-Bromofluorobenzene
Concen: 64.890 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066364.D
Acq: 21 Aug 2020 17:23

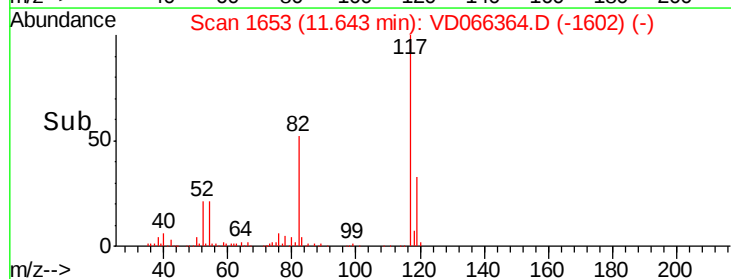
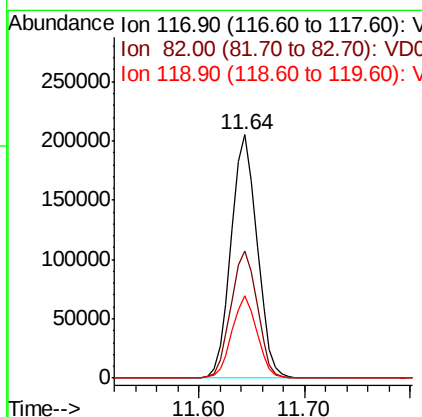
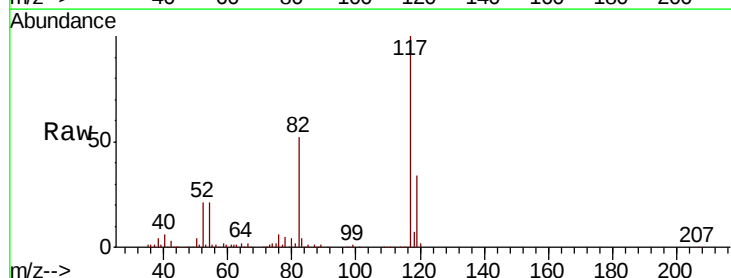
Instrument :
MSVOA_D
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SB-4-(1-2)

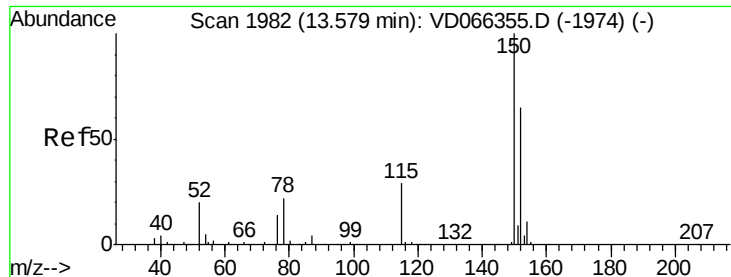
Tot Ion: 95 Resp: 170345
Ion Ratio Lower Upper
95 100
174 92.0 0.0 183.4
176 88.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066364.D
Acq: 21 Aug 2020 17:23

Tgt Ion: 117 Resp: 349841
Ion Ratio Lower Upper
117 100
82 52.4 42.8 64.2
119 33.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066364.D

Acq: 21 Aug 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

SB-4-(1-2)

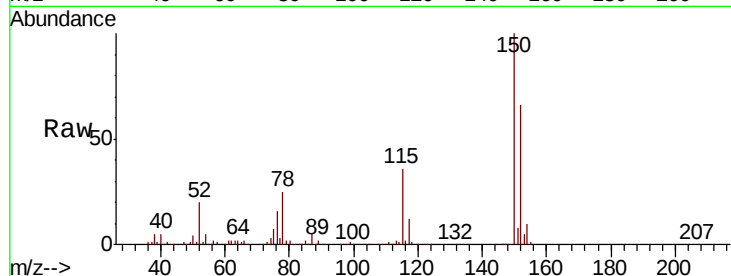
Tot Ion:152 Resp: 200374

Ion Ratio Lower Upper

152 100

115 57.6 28.3 85.0

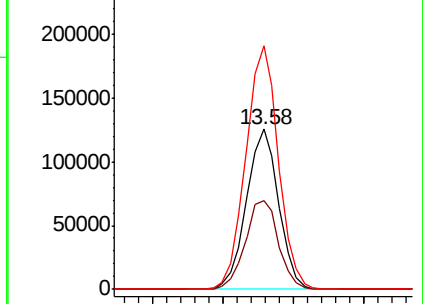
150 153.8 0.0 343.2



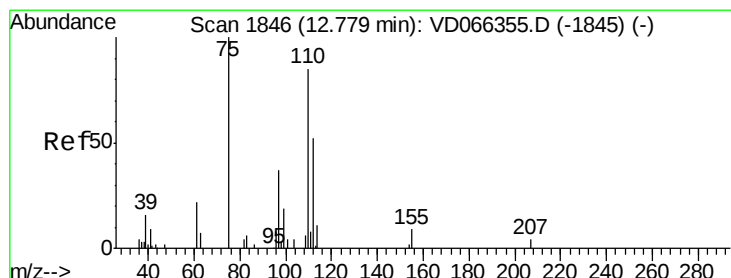
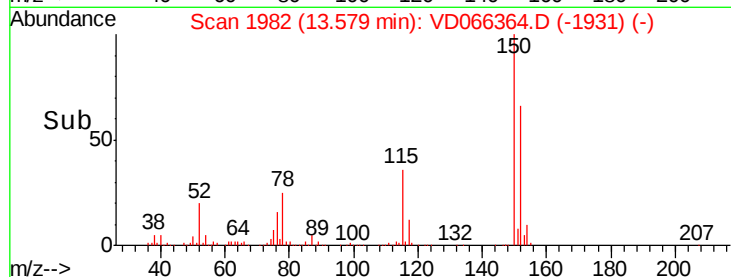
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#76

1,2,3-Trichloropropane

Concen: 65.921 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066364.D

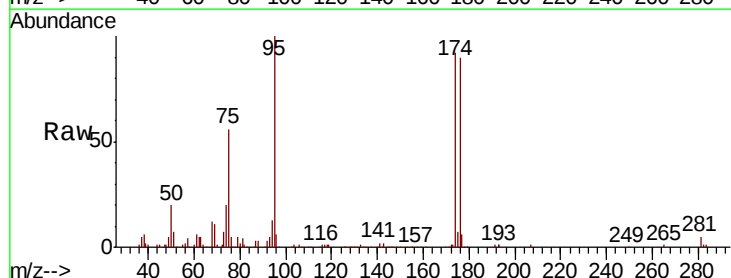
Acq: 21 Aug 2020 17:23

Tgt Ion: 75 Resp: 92925

Ion Ratio Lower Upper

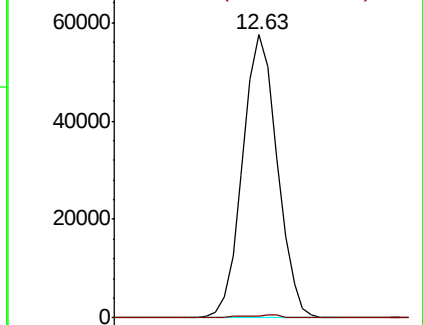
75 100

77 1.1 182.9 548.9#

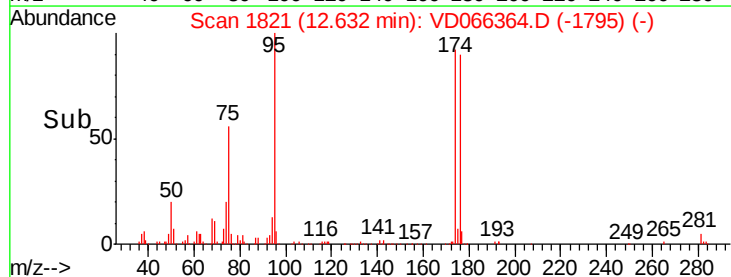


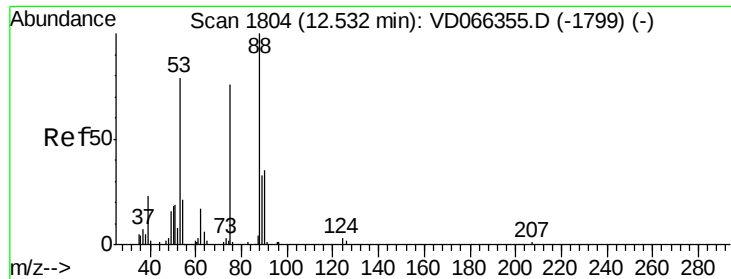
Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 139.929 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066364.D

Acq: 21 Aug 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

SB-4-(1-2)

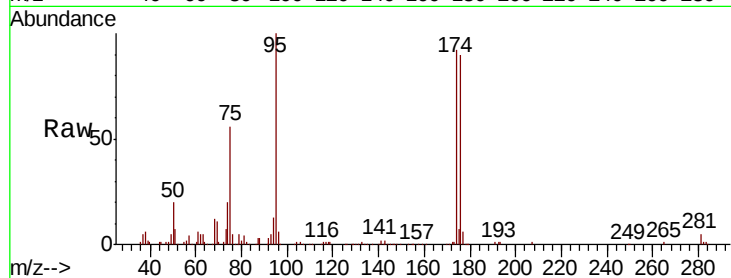
Tot Ion: 75 Resp: 92925

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#



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

