

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066217.D
 Acq On : 13 Aug 2020 18:23
 Operator : VA/SY
 Sample : L3508-07
 Misc : 4.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-081120

Quant Time: Aug 14 03:03:49 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	317809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	500686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	601794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	340697	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	135151	47.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.34%	
35) Dibromofluoromethane	7.91	113	154535	48.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.44%	
50) Toluene-d8	10.34	98	624246	53.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.63	95	295218	69.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	139.94%	

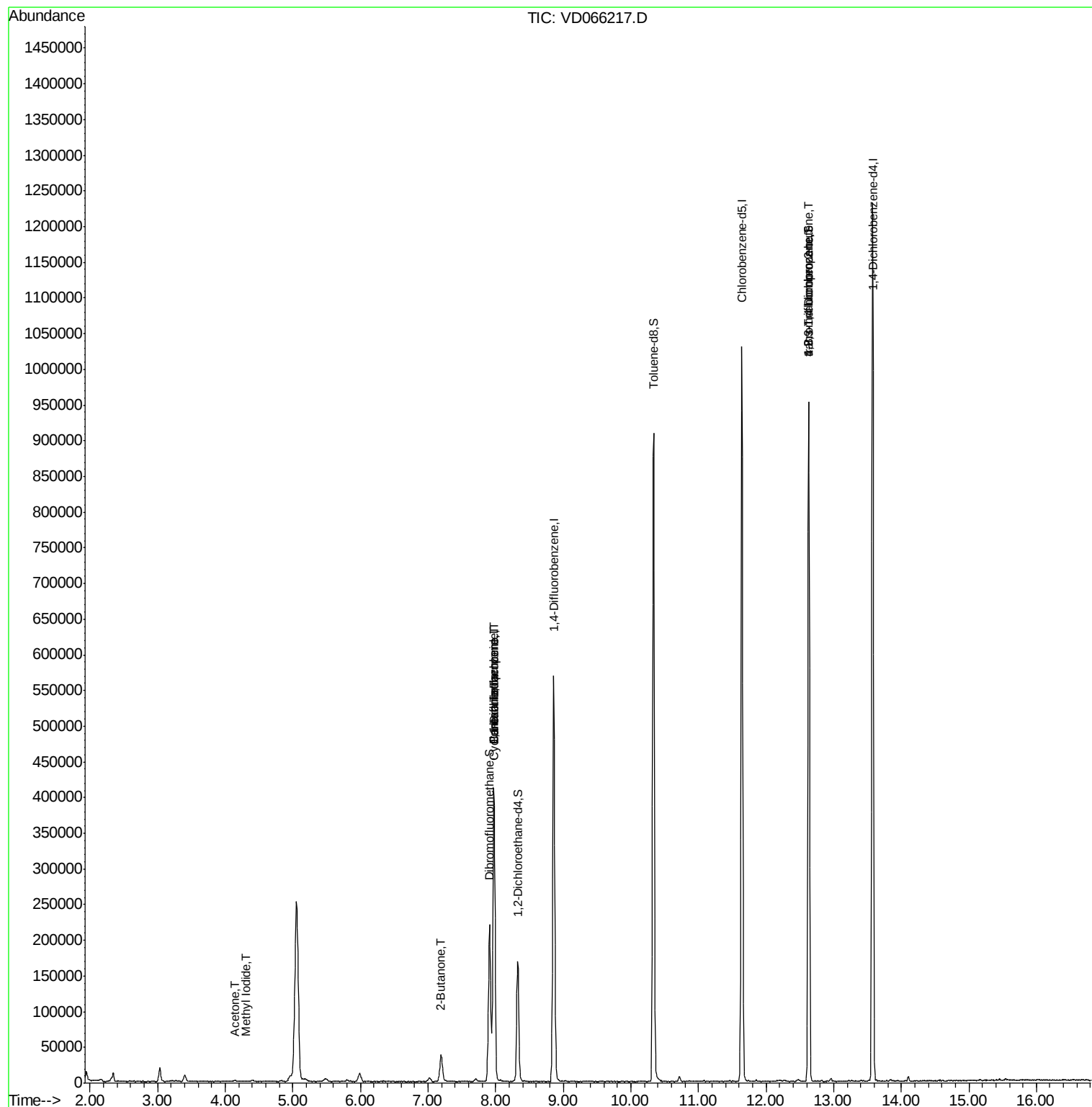
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	79	6.736	ug/l #	39
11) Tert butyl alcohol	5.19	59	430	Below Cal	#	76
16) Acetone	4.15	43	1670	3.104	ug/l #	44
20) Methylene Chloride	4.97	84	5342	Below Cal	#	81
25) 2-Butanone	7.18	43	1110	1.403	ug/l #	85
31) Cyclohexane	7.98	56	6344	1.277	ug/l #	1
36) 1,1-Dichloropropene	7.97	75	22075	4.692	ug/l #	50
38) Carbon Tetrachloride	7.97	117	30872	5.884	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	151379	53.280	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	151379	117.780	ug/l #	13

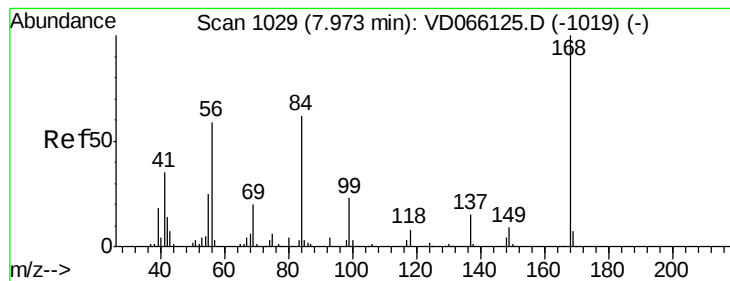
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081320\
Data File : VD066217.D
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Misc : 4.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 14 03:03:49 2020
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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: VD066217.D

Acq: 13 Aug 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

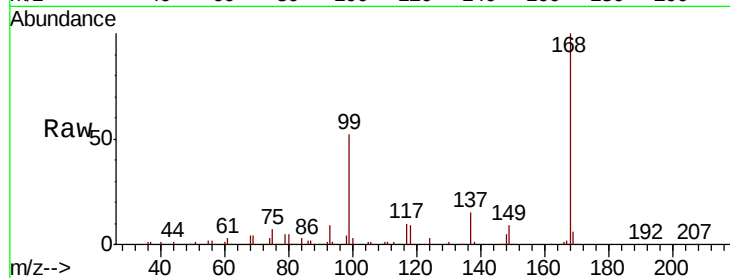
TR-05-081120

Tot Ion:168 Resp: 317809

Ion Ratio Lower Upper

168 100

99 51.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.97

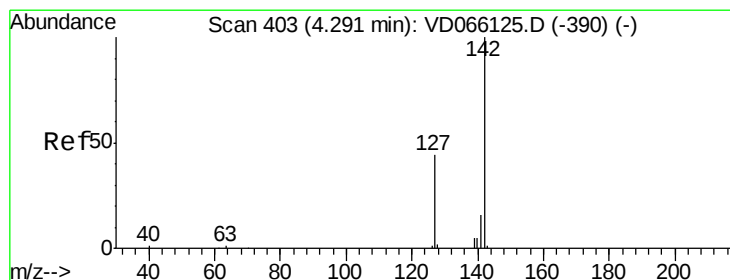
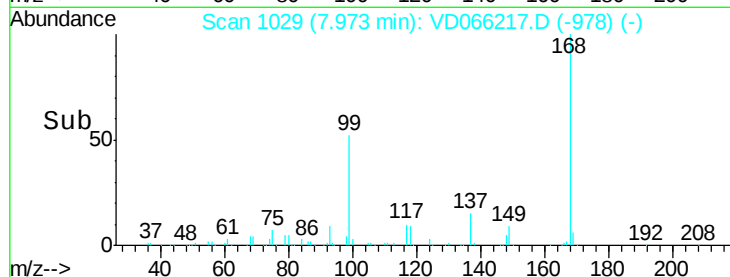
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#10

Methyl Iodide

Concen: 6.736 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066217.D

Acq: 13 Aug 2020 18:23

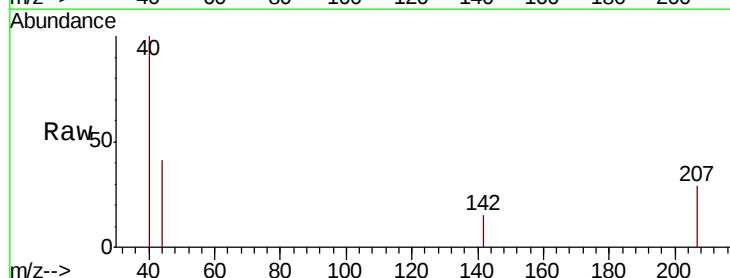
Tgt Ion:142 Resp: 79

Ion Ratio Lower Upper

142 100

127 0.0 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

4.30

300

250

200

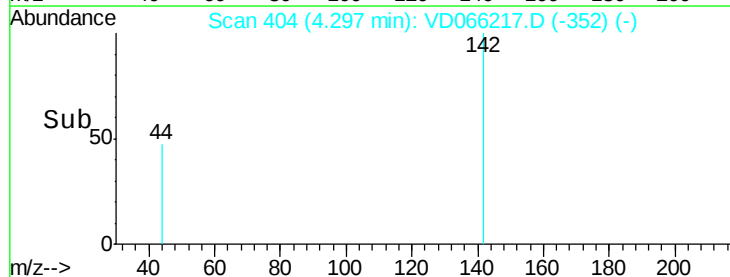
150

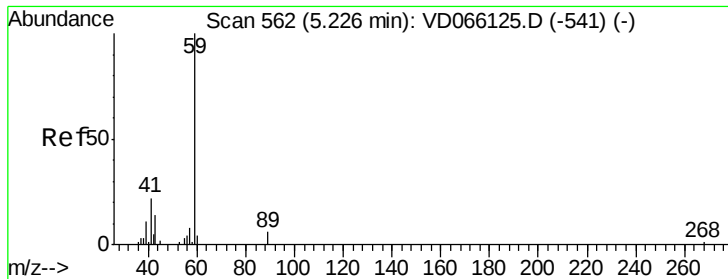
100

50

0

Time--> 4.29 4.30 4.31

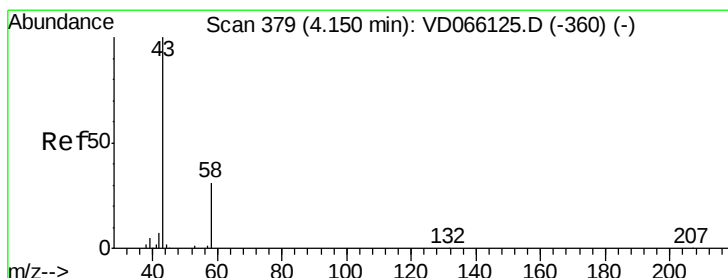
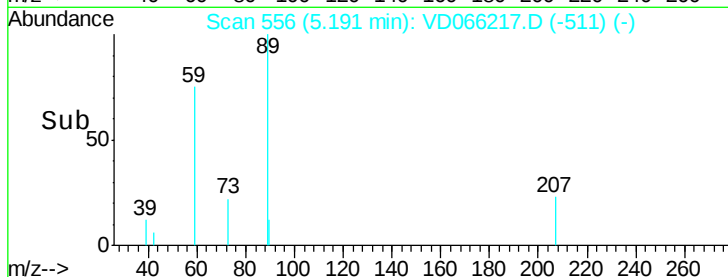
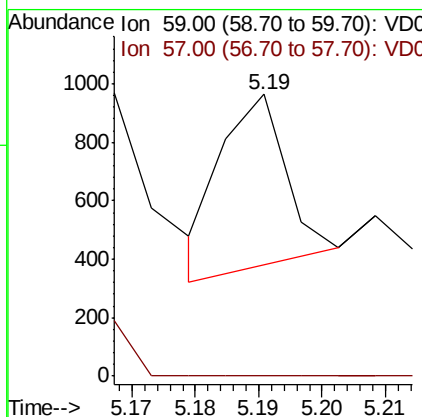
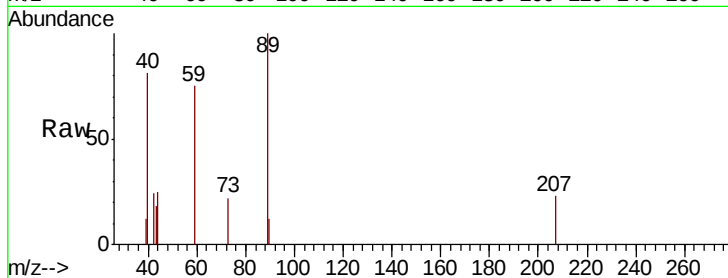




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 556
Delta R.T. -0.04 min
Lab File: VD066217.D
Acq: 13 Aug 2020 18:23

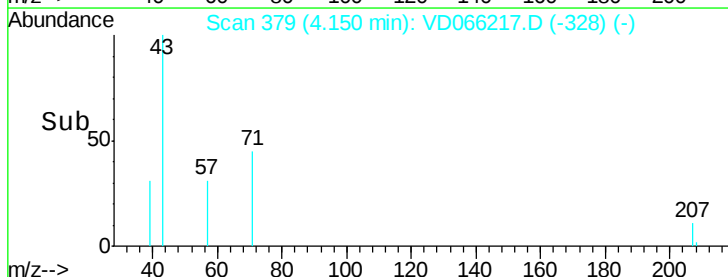
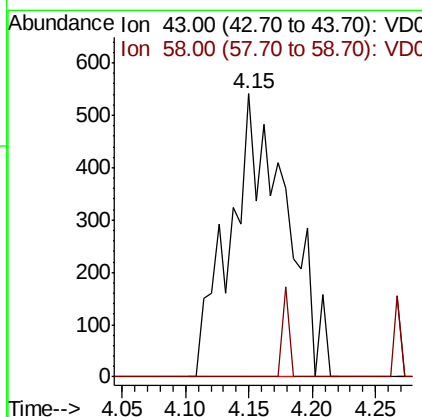
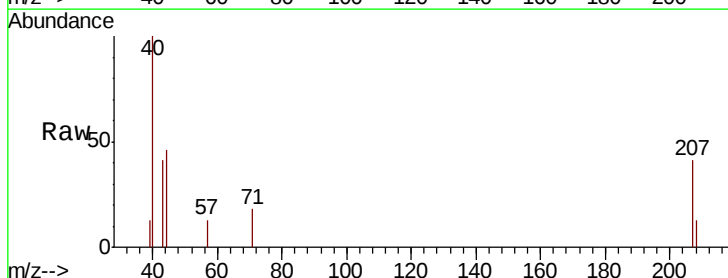
Instrument :
MSVOA_D
ClientSampleId :
TR-05-081120

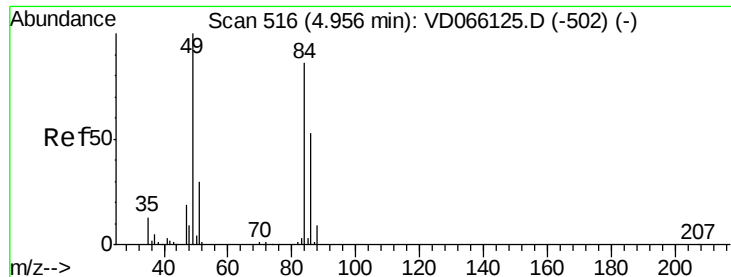
Tot Ion: 59 Resp: 430
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.4#



#16
Acetone
Concen: 3.104 ug/l
RT: 4.15 min Scan# 379
Delta R.T. -0.00 min
Lab File: VD066217.D
Acq: 13 Aug 2020 18:23

Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#

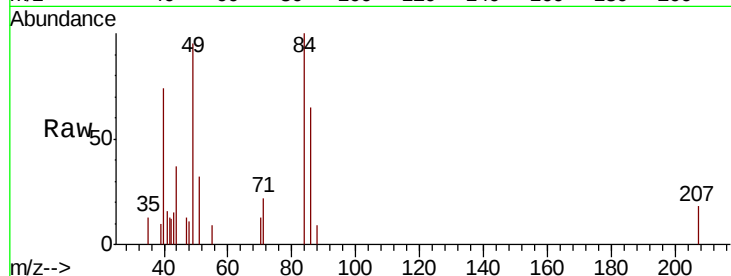




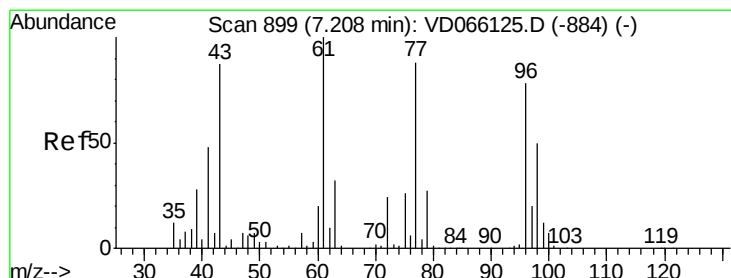
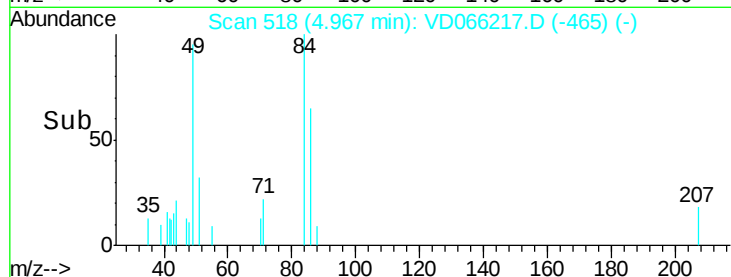
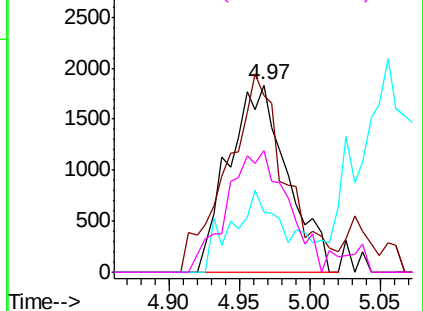
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066217.D
Acq: 13 Aug 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
TR-05-081120

Tot Ion: 84 Resp: 5342
Ion Ratio Lower Upper
84 100
49 83.6 93.5 140.3#
51 32.4 28.2 42.4
86 64.9 49.5 74.3

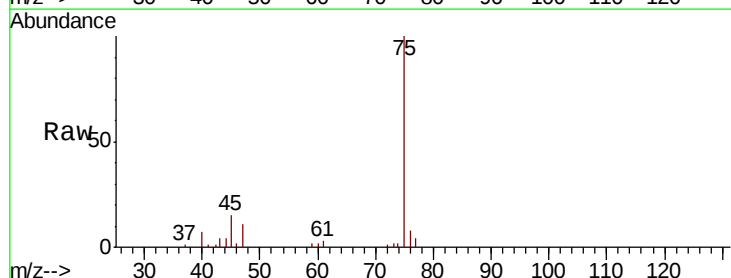


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

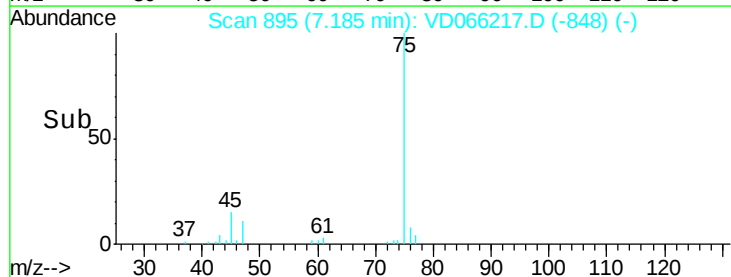
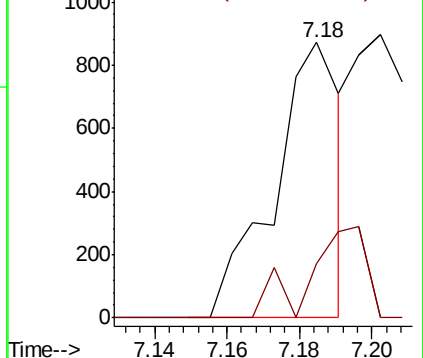


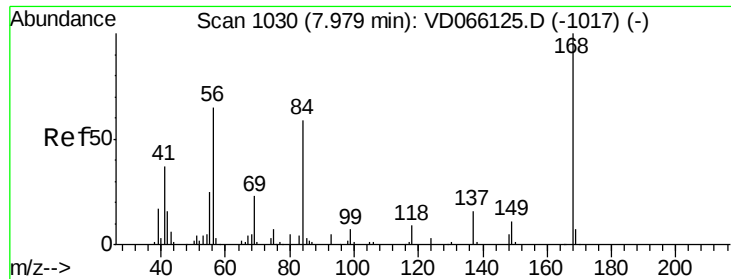
#25
2-Butanone
Concen: 1.403 ug/l
RT: 7.18 min Scan# 895
Delta R.T. -0.02 min
Lab File: VD066217.D
Acq: 13 Aug 2020 18:23

Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
72 19.7 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.277 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066217.D

Acq: 13 Aug 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

TR-05-081120

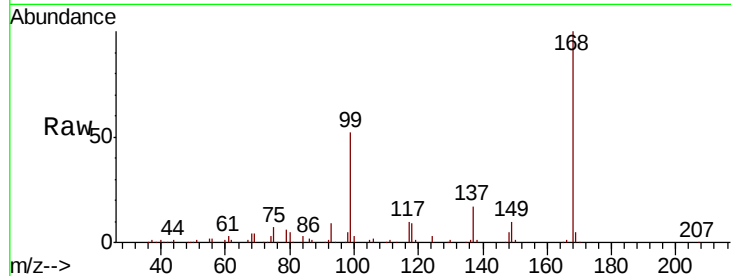
Tot Ion: 56 Resp: 6344

Ion Ratio Lower Upper

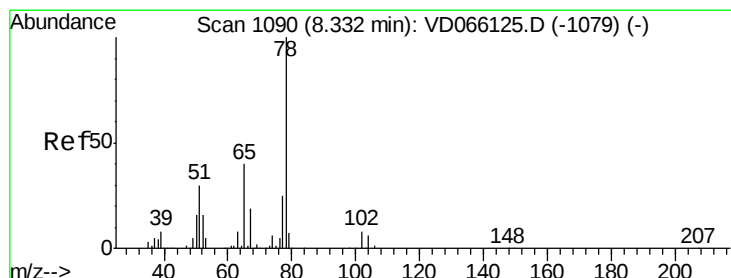
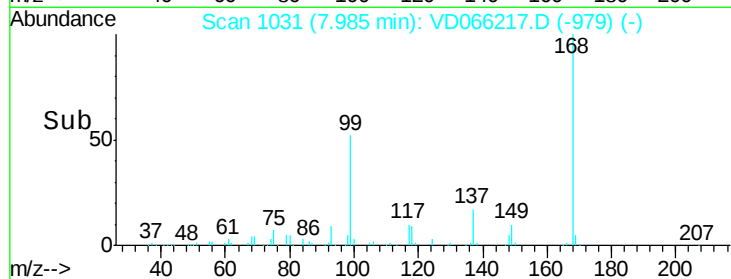
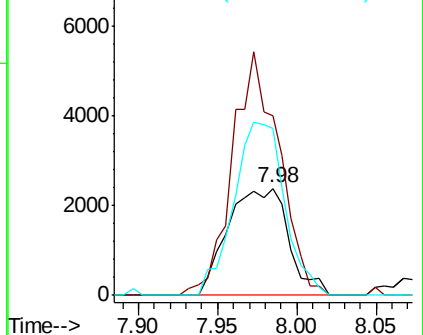
56 100

69 168.2 28.8 43.2#

84 155.3 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: 47.667 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066217.D

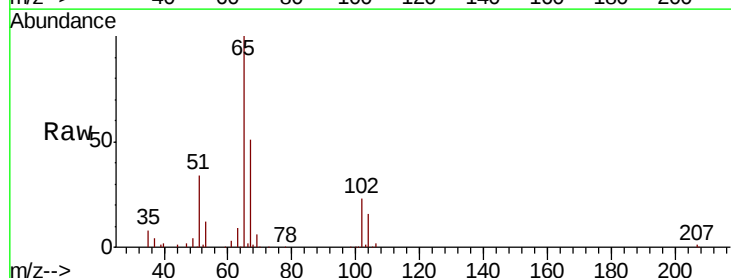
Acq: 13 Aug 2020 18:23

Tgt Ion: 65 Resp: 135151

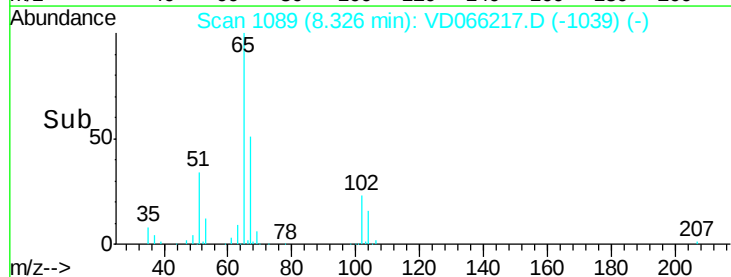
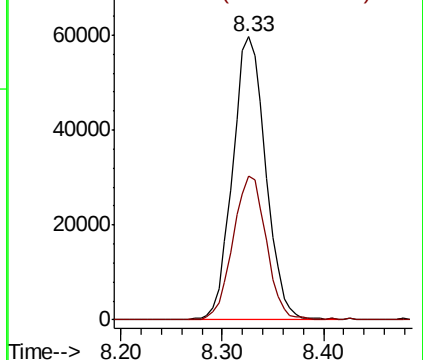
Ion Ratio Lower Upper

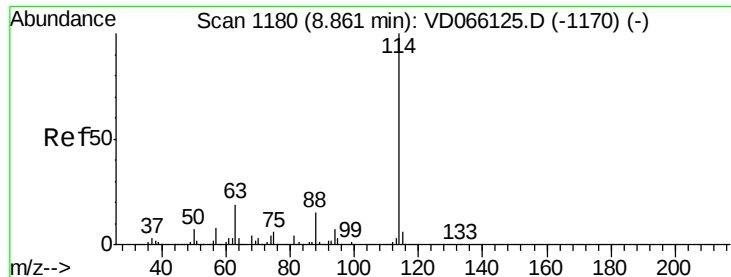
65 100

67 51.0 0.0 104.6



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

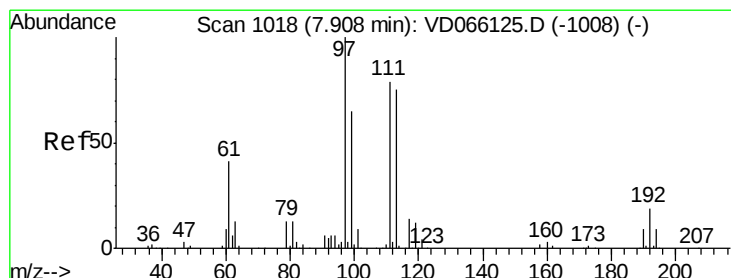
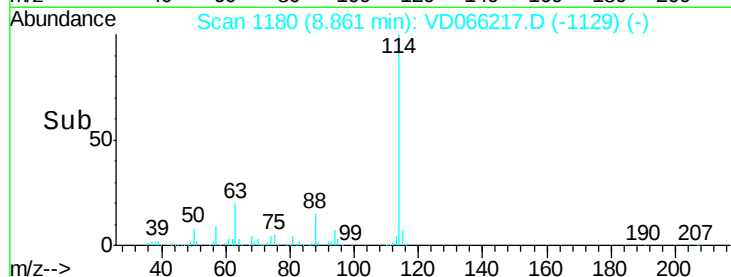
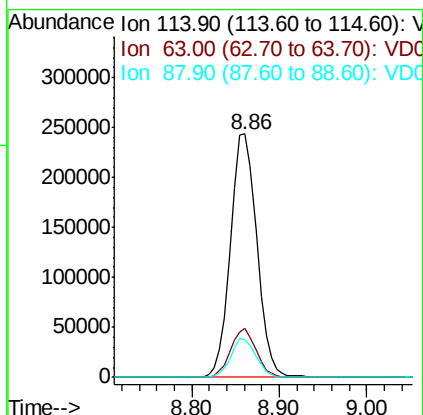
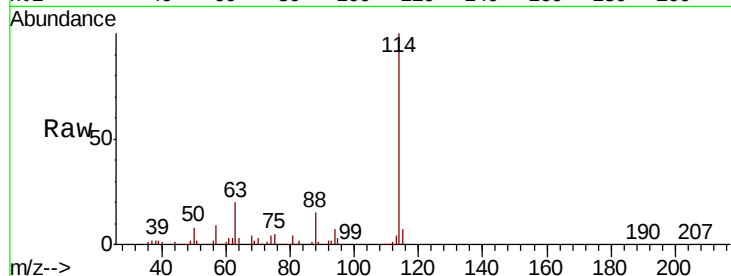




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066217.D
 Acq: 13 Aug 2020 18:23

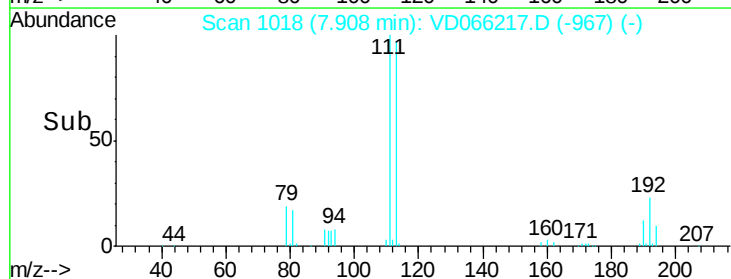
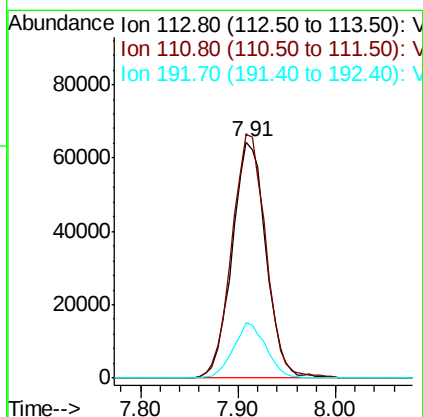
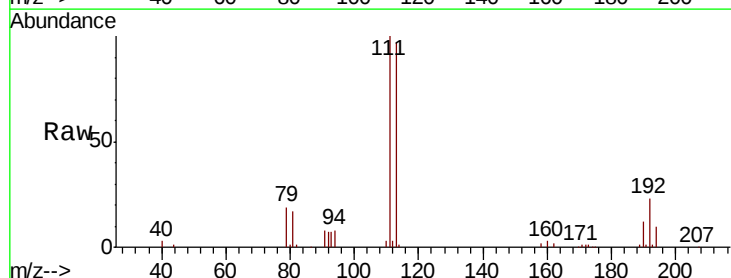
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-081120

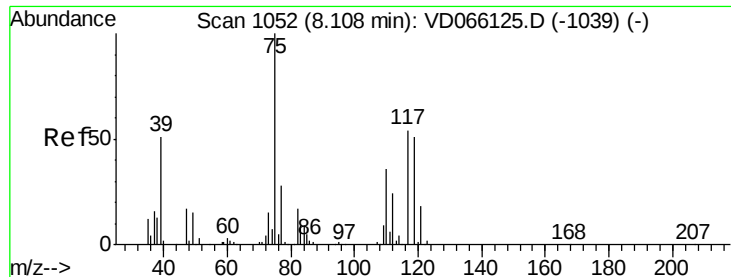
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.6
88	15.3	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 48.722 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066217.D
 Acq: 13 Aug 2020 18:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.7	121.1
192	22.9	18.4	27.6





#36

1,1-Dichloropropene

Concen: 4.692 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066217.D

Acq: 13 Aug 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

TR-05-081120

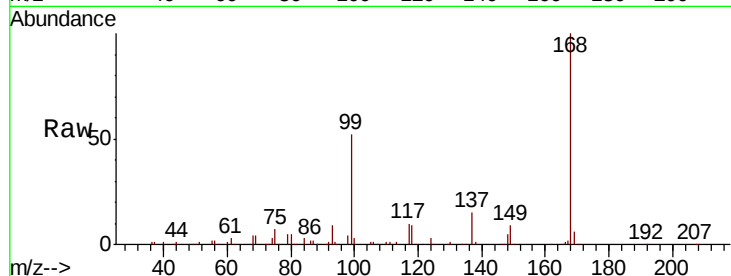
Tot Ion: 75 Resp: 22075

Ion Ratio Lower Upper

75 100

110 10.7 18.8 56.3#

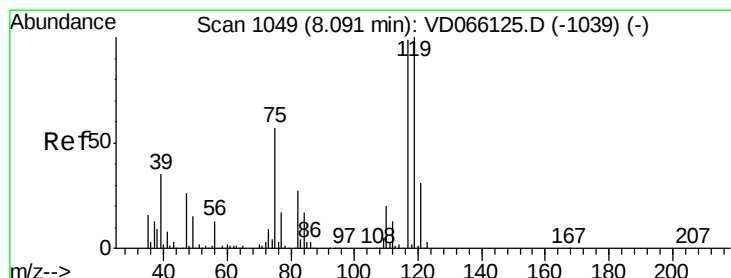
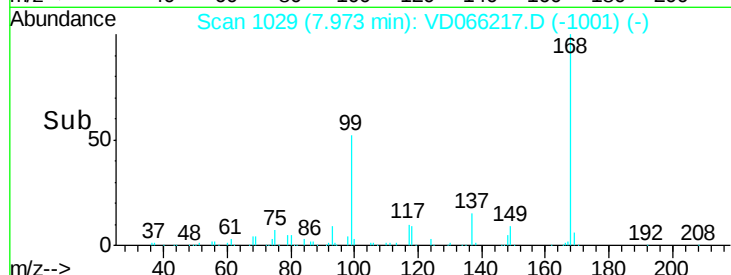
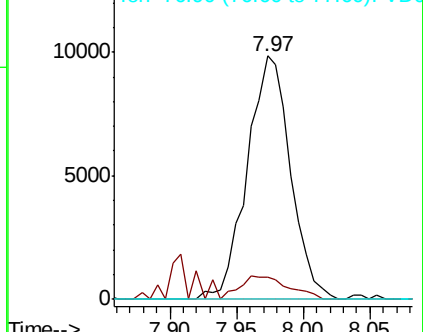
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.884 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066217.D

Acq: 13 Aug 2020 18:23

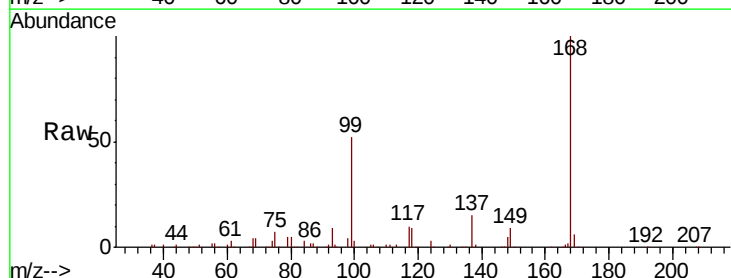
Tgt Ion: 117 Resp: 30872

Ion Ratio Lower Upper

117 100

119 4.7 81.0 121.4#

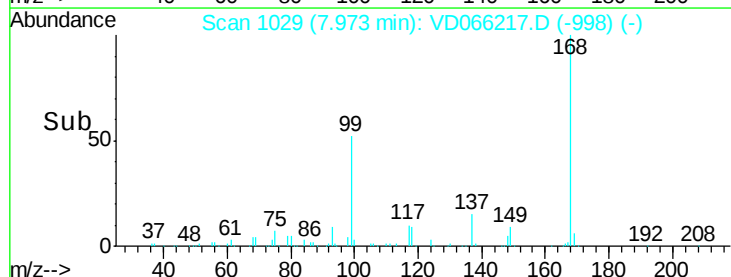
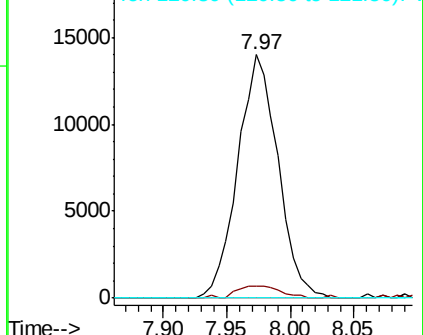
121 0.0 24.8 37.2#

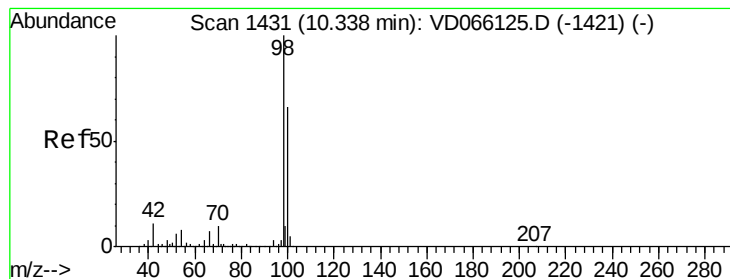


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 53.333 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066217.D

Acq: 13 Aug 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

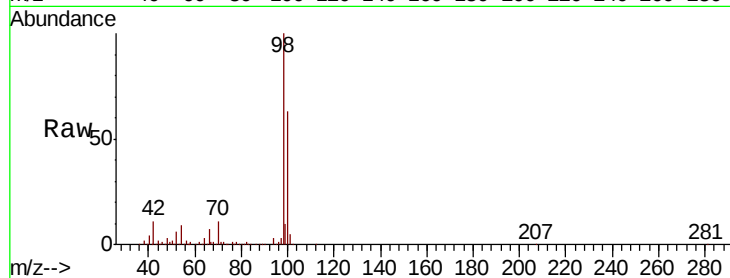
TR-05-081120

Tot Ion: 98 Resp: 624246

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

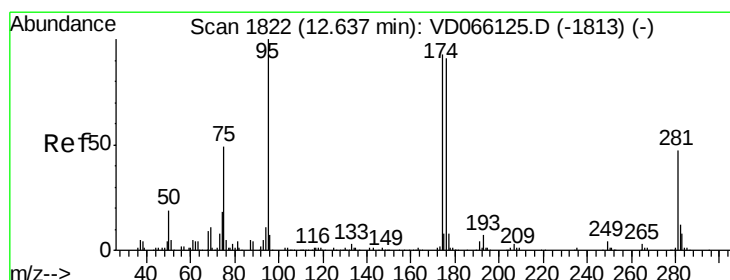
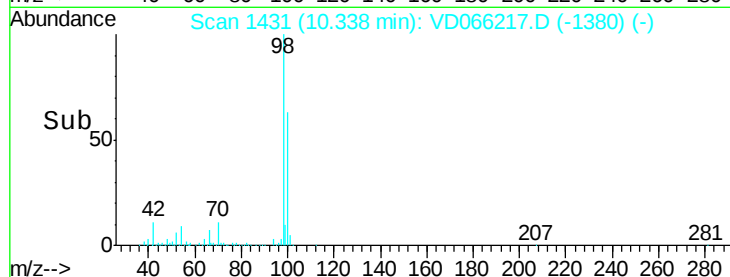
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 69.972 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066217.D

Acq: 13 Aug 2020 18:23

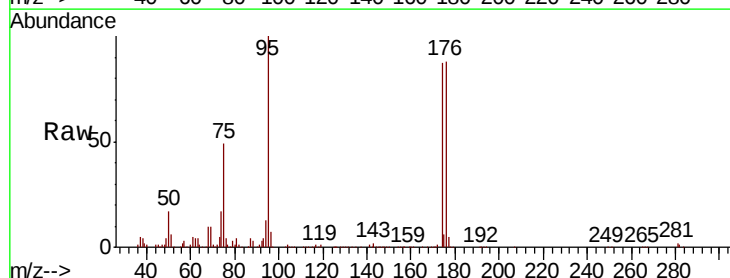
Tgt Ion: 95 Resp: 295218

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.8

176 90.0 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

250000

200000

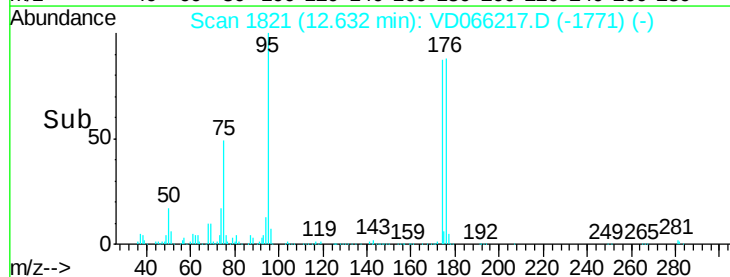
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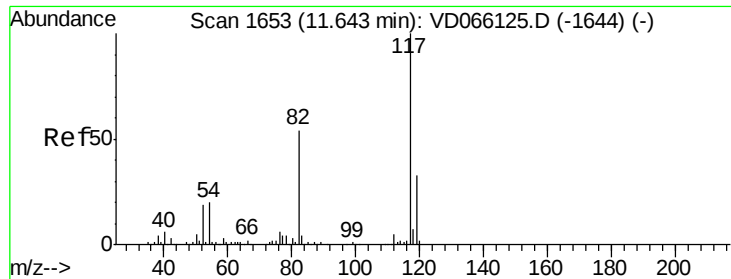
100000

50000

0

Time-->

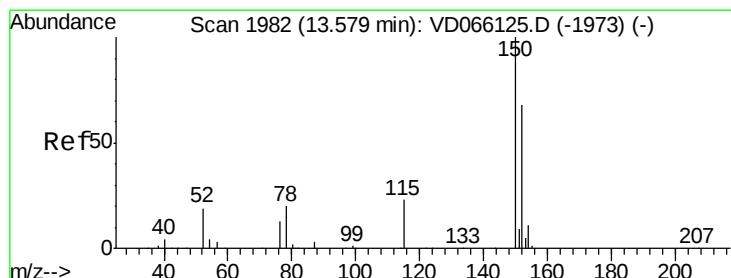
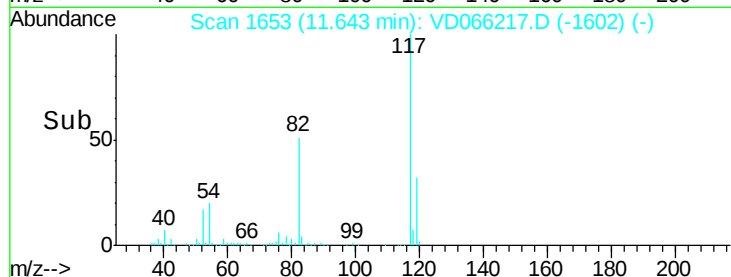
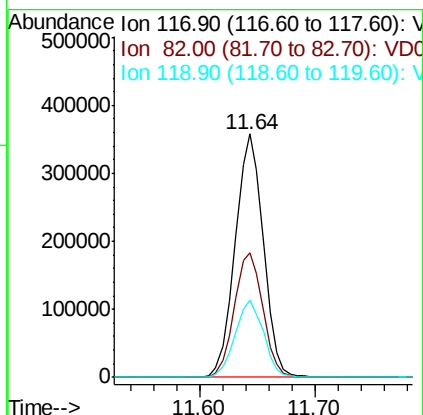
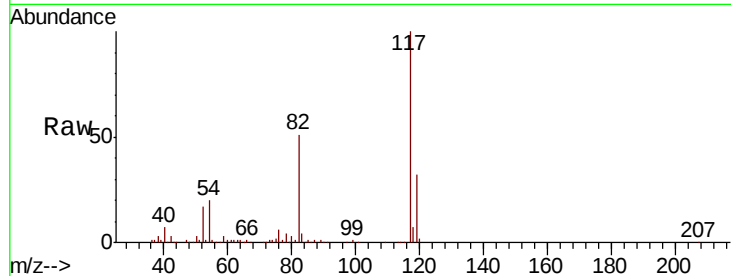




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066217.D
Acq: 13 Aug 2020 18:23

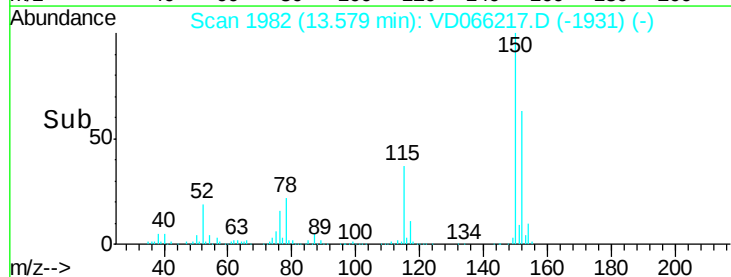
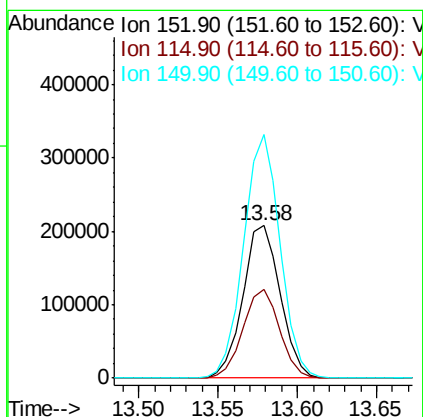
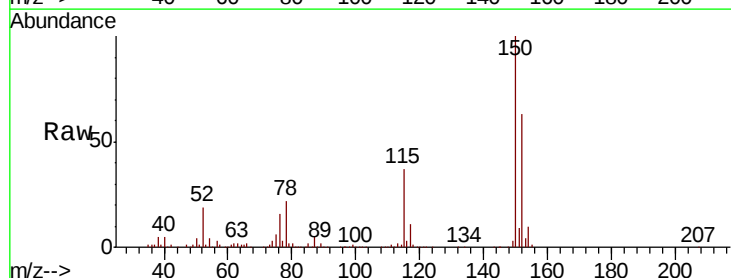
Instrument :
MSVOA_D
ClientSampleId :
TR-05-081120

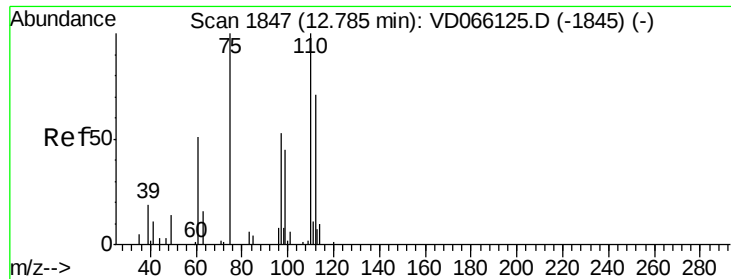
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.0	64.4
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066217.D
Acq: 13 Aug 2020 18:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.0	83.9
150	155.6	0.0	346.4

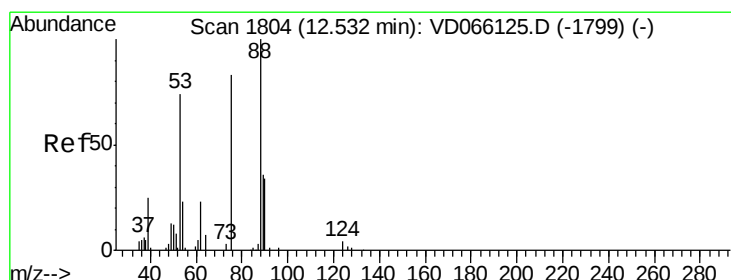
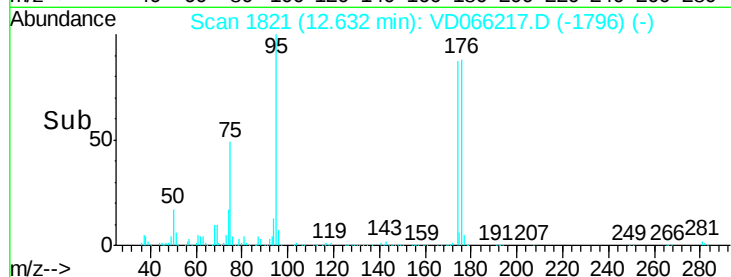
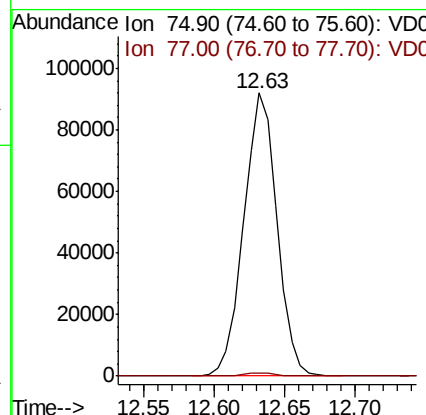
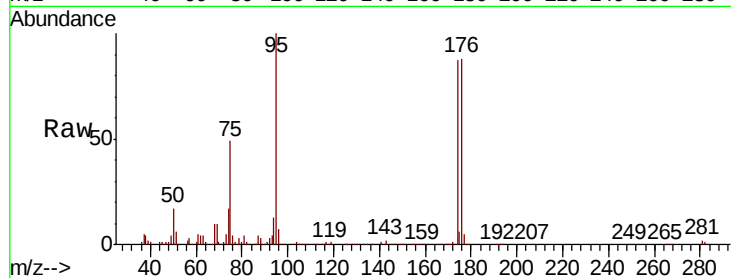




#76
 1,2,3-Trichloropropane
 Concen: 53.280 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066217.D
 Acq: 13 Aug 2020 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-081120

Tot Ion: 75 Resp: 151379
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.780 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066217.D
 Acq: 13 Aug 2020 18:23

Tgt Ion: 75 Resp: 151379
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.2#
 89 0.0 36.6 55.0#

