

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066109.D
 Acq On : 30 Jul 2020 14:13
 Operator : VA/SY
 Sample : L3494-01
 Misc : 5.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-05-2-3

Quant Time: Jul 31 01:56:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	256382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	405022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	462131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	112754	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
35) Dibromofluoromethane	7.91	113	124284	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.34	98	510451	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.64	95	223687	70.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.98%	

Target Compounds

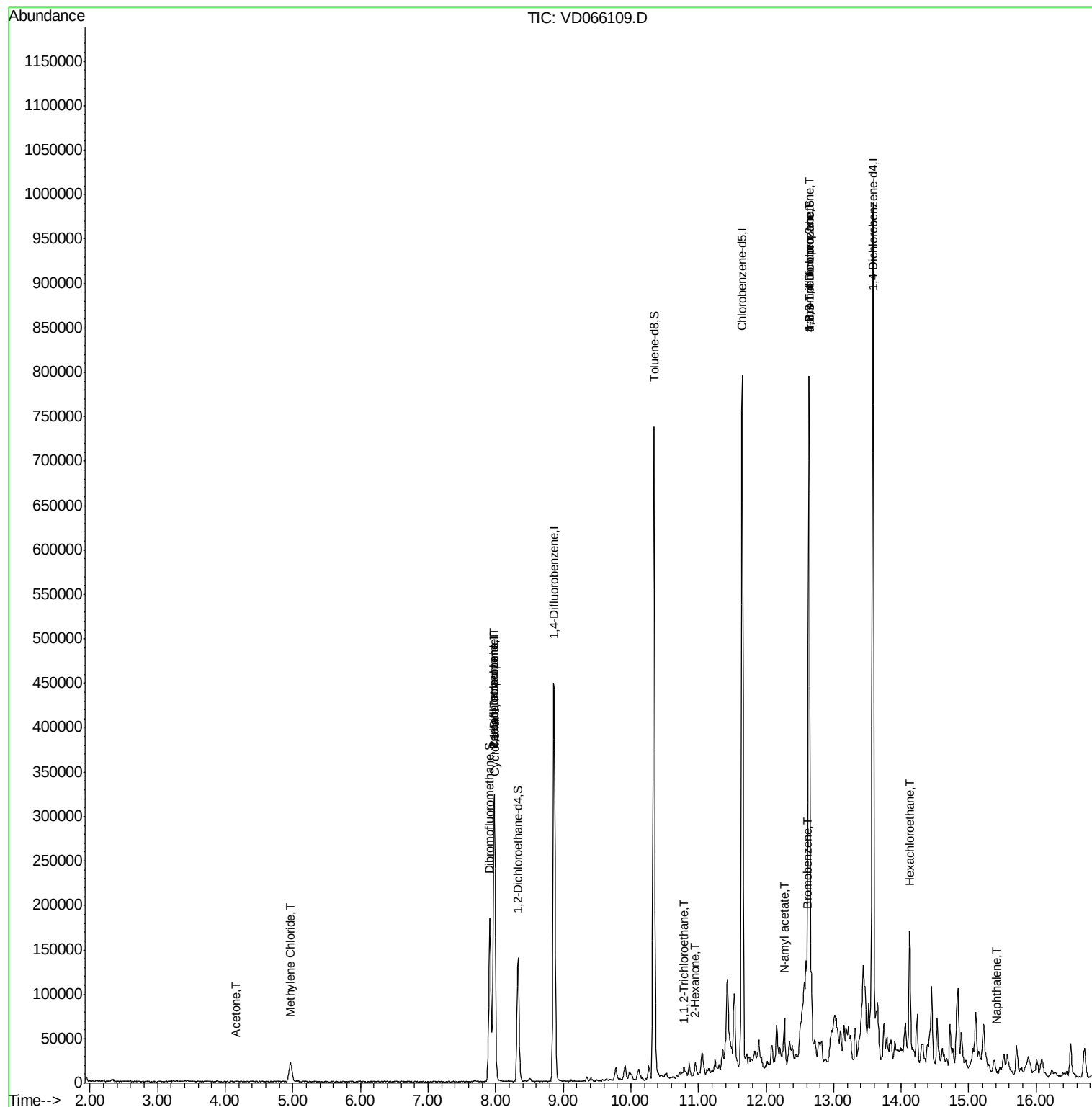
						Qvalue
16) Acetone	4.16	43	1217	2.882	ug/l	96
20) Methylene Chloride	4.96	84	16294	4.266	ug/l #	91
31) Cyclohexane	7.99	56	5350	1.426	ug/l #	46
36) 1,1-Dichloropropene	7.98	75	16795	4.859	ug/l #	44
38) Carbon Tetrachloride	7.98	117	24753	6.600	ug/l #	17
55) 1,1,2-Trichloroethane	10.78	97	2239	1.252	ug/l #	47
59) 2-Hexanone	10.96	43	7483	8.312	ug/l #	28
74) N-amyl acetate	12.27	43	11374	3.483	ug/l #	57
76) 1,2,3-Trichloropropane	12.64	75	115783	59.082	ug/l #	100
77) Bromobenzene	12.60	156	26960	6.698	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	115783	135.573	ug/l #	11
90) Hexachloroethane	14.13	117	7820	2.666	ug/l #	7
95) Naphthalene	15.41	128	1999	3.772	ug/l #	81

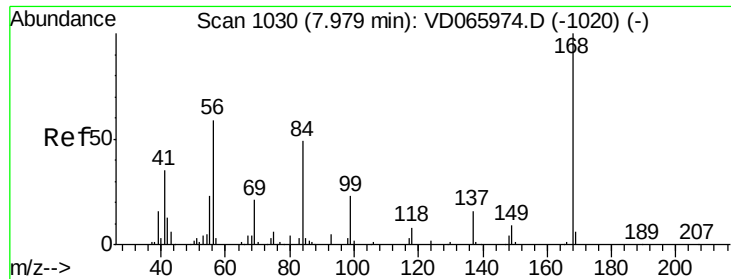
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
JTY1-SB-05-2-3

Quant Time: Jul 31 01:56:14 2020
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

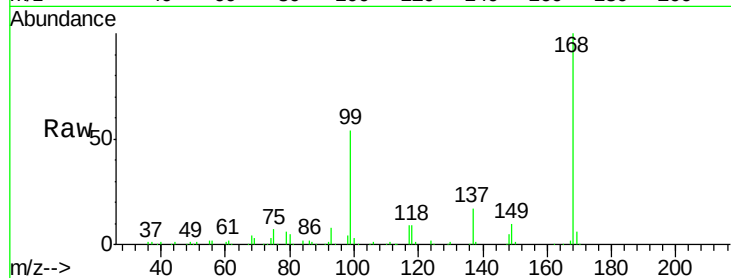
JTY1-SB-05-2-3

Tot Ion:168 Resp: 256382

Ion Ratio Lower Upper

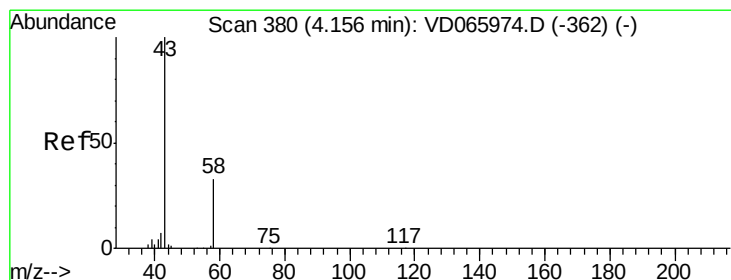
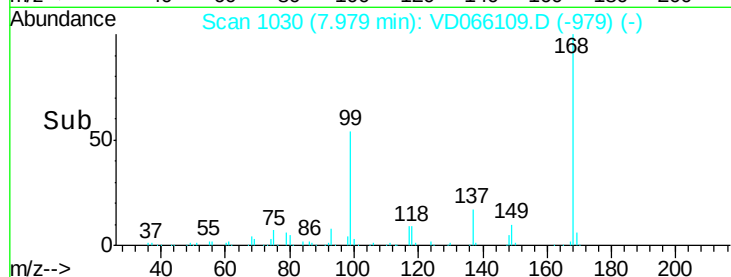
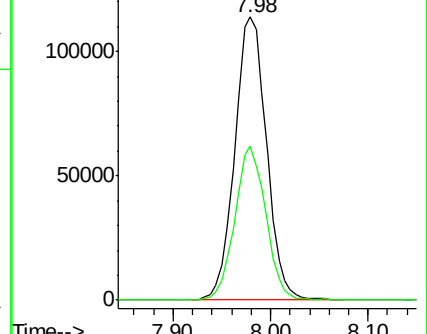
168 100

99 54.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 2.882 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066109.D

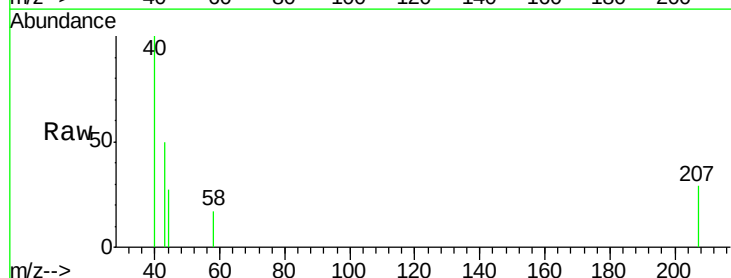
Acq: 30 Jul 2020 14:13

Tgt Ion: 43 Resp: 1217

Ion Ratio Lower Upper

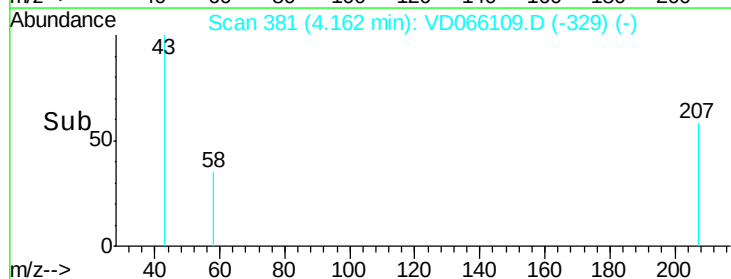
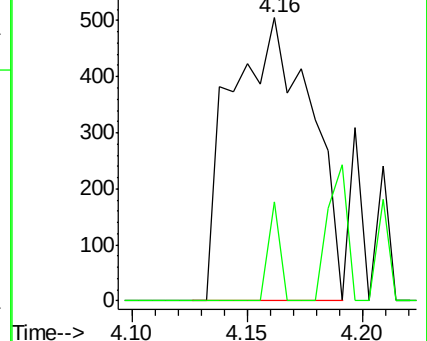
43 100

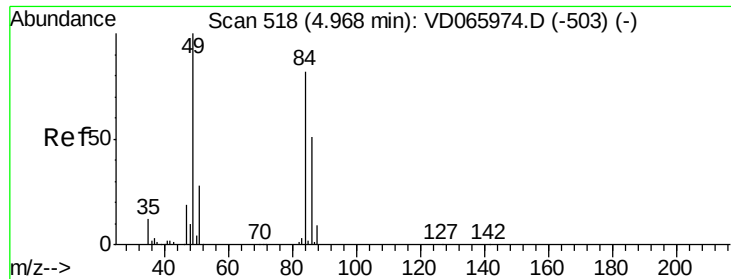
58 35.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

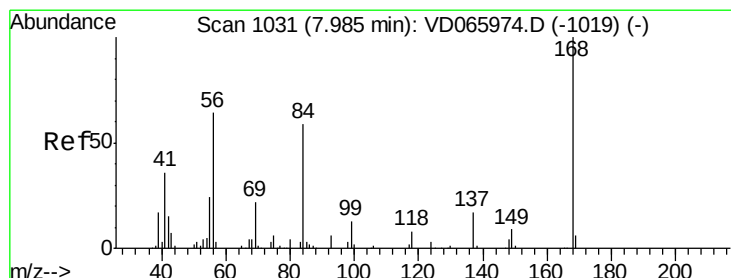
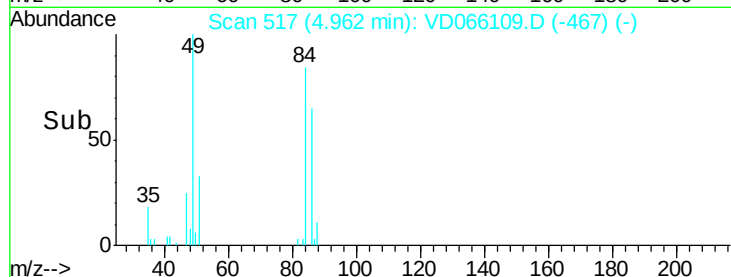
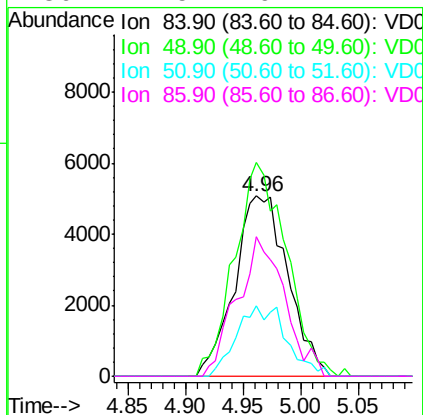
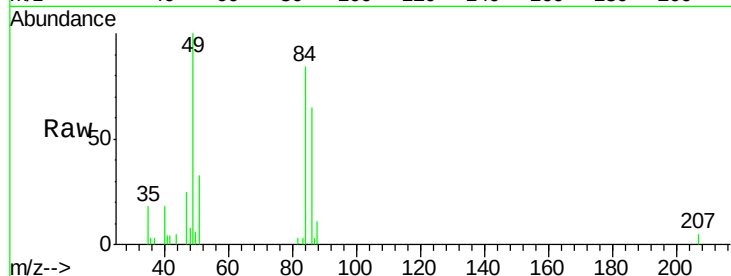




#20
Methylene Chloride
Concen: 4.266 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066109.D
Acq: 30 Jul 2020 14:13

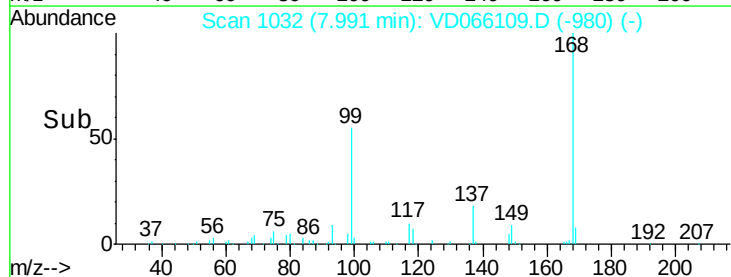
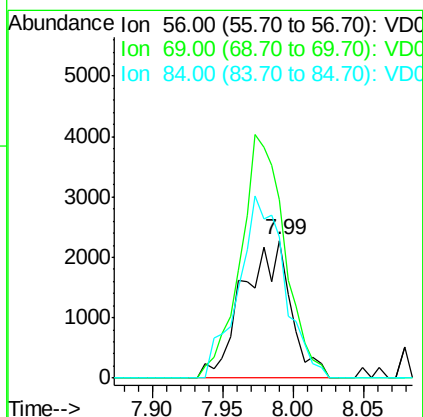
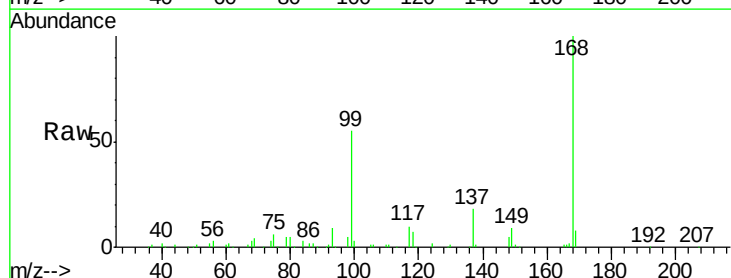
Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-05-2-3

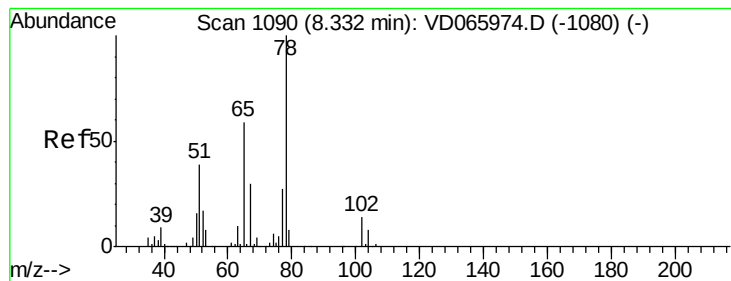
Tot Ion: 84 Resp: 16294
Ion Ratio Lower Upper
84 100
49 118.7 97.7 146.5
51 39.0 27.4 41.2
86 77.5 49.4 74.2#



#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD066109.D
Acq: 30 Jul 2020 14:13

Tgt Ion: 56 Resp: 5350
Ion Ratio Lower Upper
56 100
69 129.3 28.0 42.0#
84 102.2 72.6 109.0





#33

1,2-Dichloroethane-d4

Concen: 54.049 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

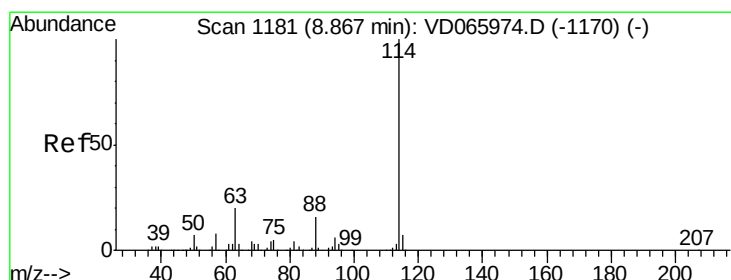
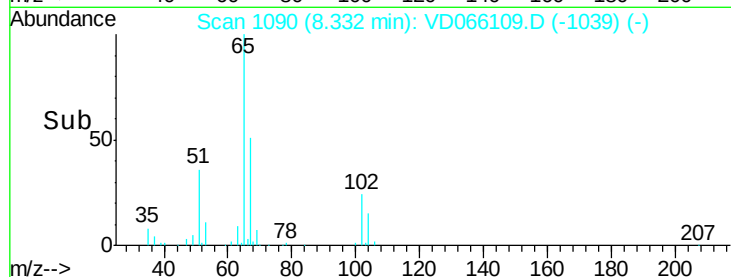
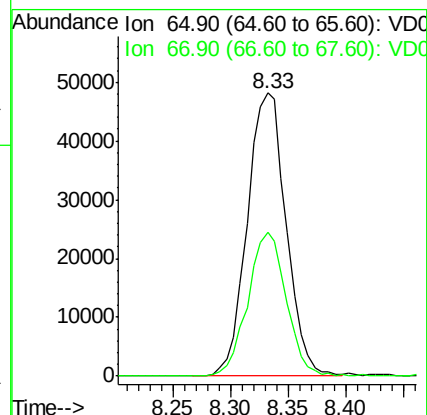
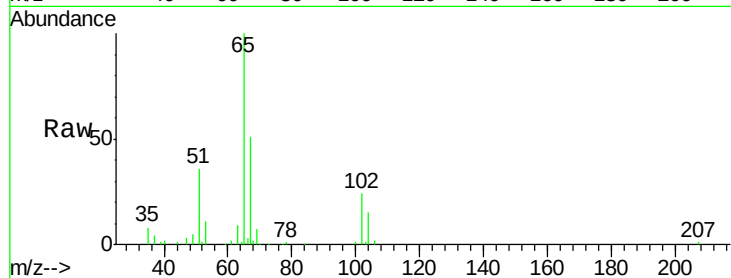
JTY1-SB-05-2-3

Tot Ion: 65 Resp: 112754

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

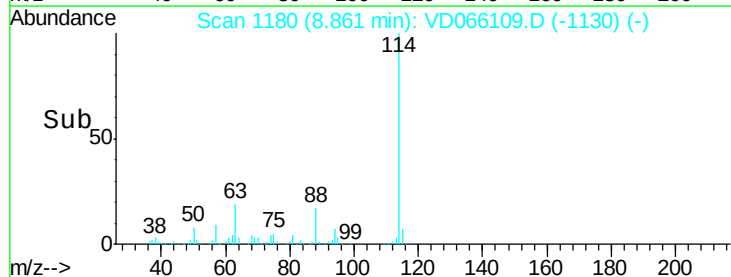
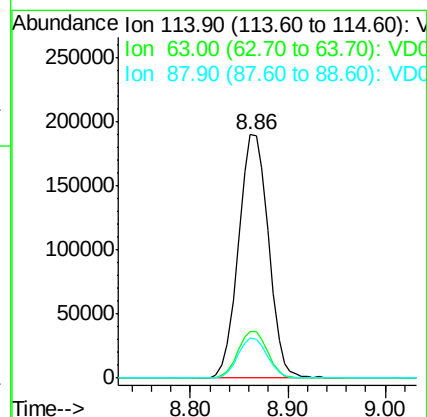
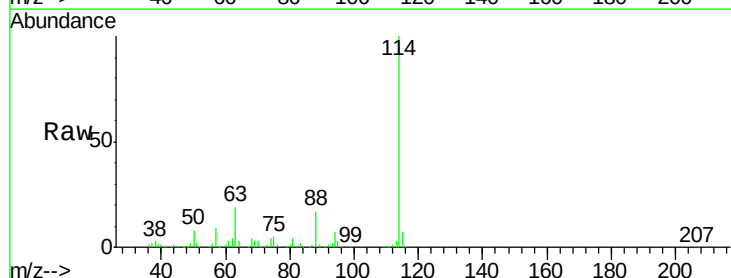
Tgt Ion: 114 Resp: 405022

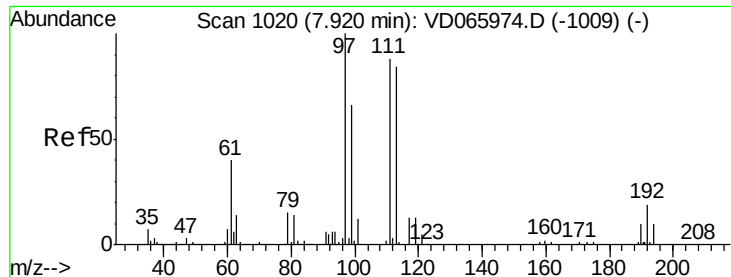
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.6 0.0 31.2

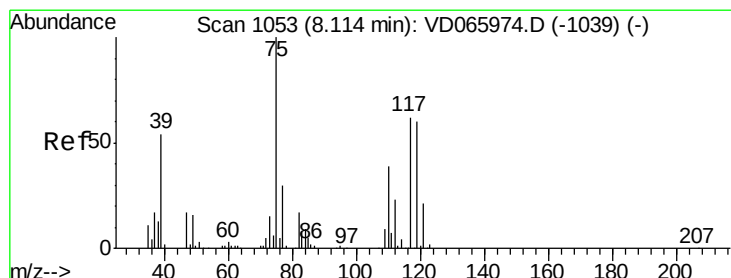
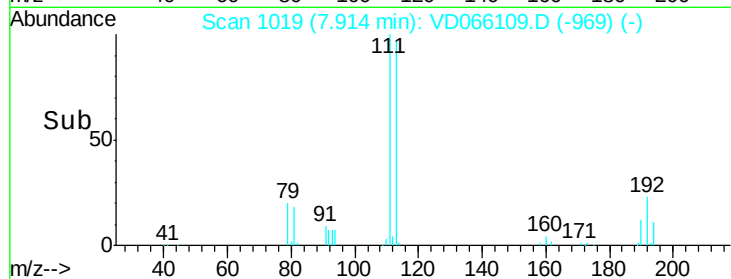
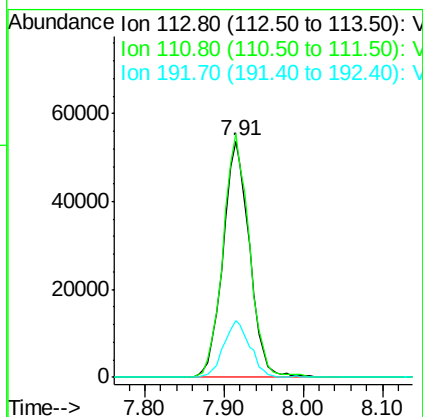
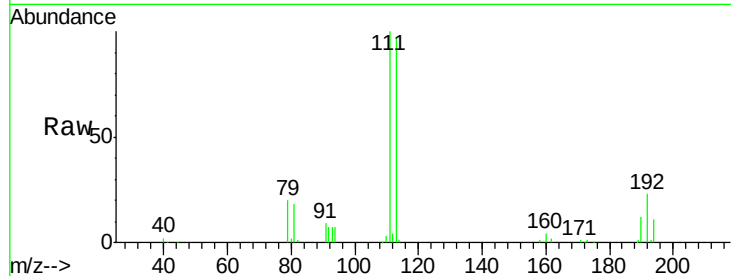




#35
 Dibromofluoromethane
 Concen: 50.592 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066109.D
 Acq: 30 Jul 2020 14:13

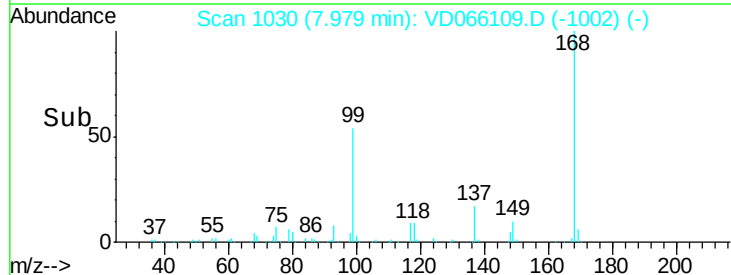
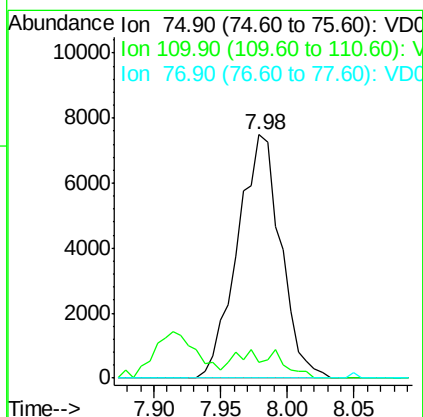
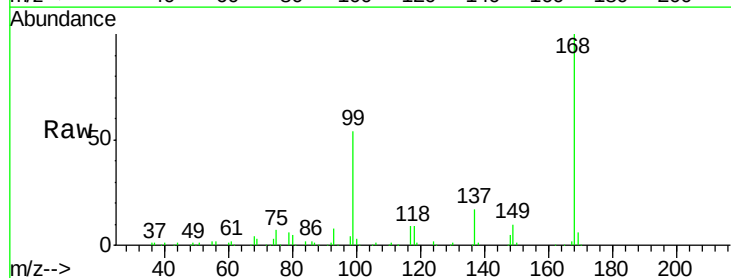
Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-05-2-3

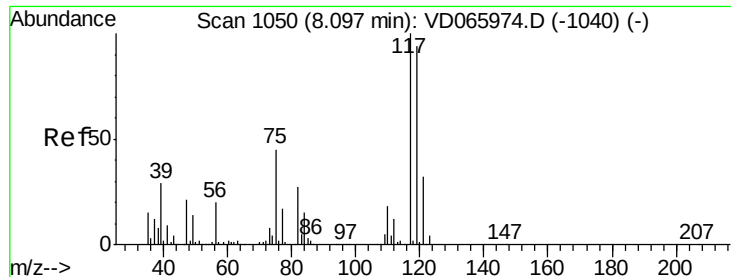
Tot Ion:113 Resp: 124284
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.2 124.8
 192 23.7 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.859 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD066109.D
 Acq: 30 Jul 2020 14:13

Tgt Ion: 75 Resp: 16795
 Ion Ratio Lower Upper
 75 100
 110 5.0 19.5 58.5#
 77 0.0 24.7 37.1#

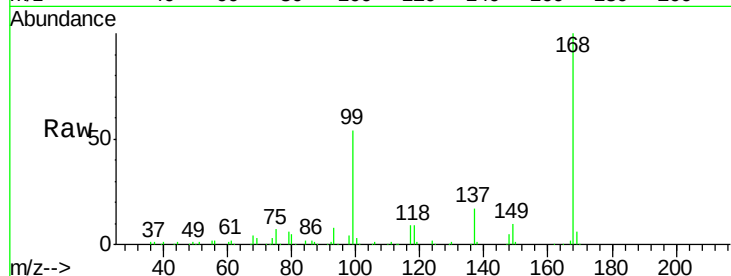




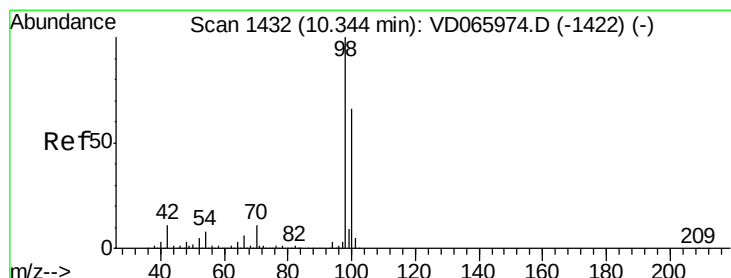
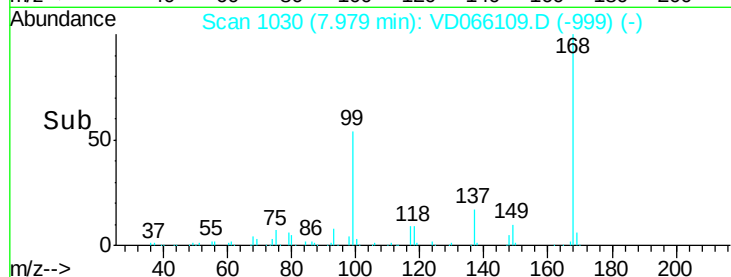
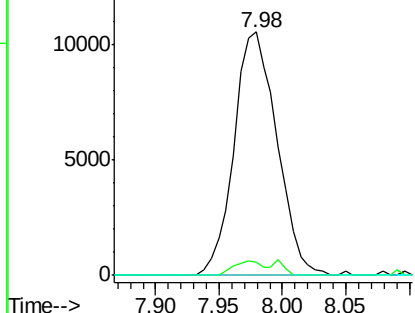
#38
Carbon Tetrachloride
Concen: 6.600 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD066109.D
Acq: 30 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-05-2-3

Tot Ion:117 Resp: 24753
Ion Ratio Lower Upper
117 100
119 5.5 75.0 112.6#
121 0.0 25.5 38.3#

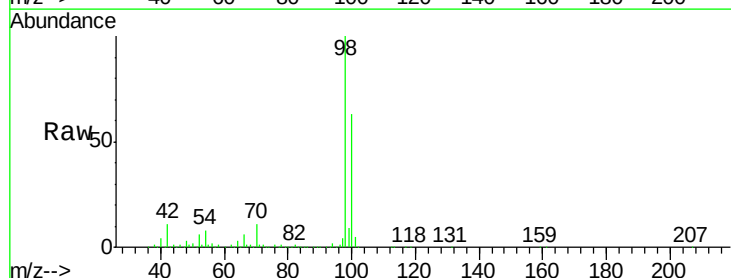


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

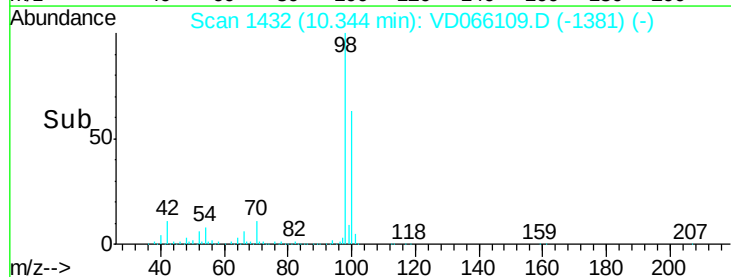
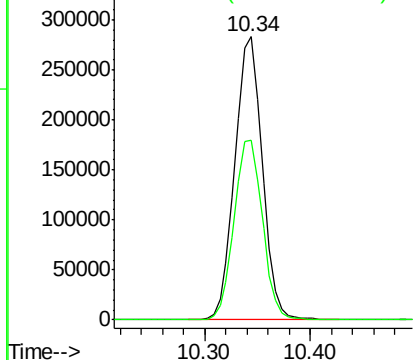


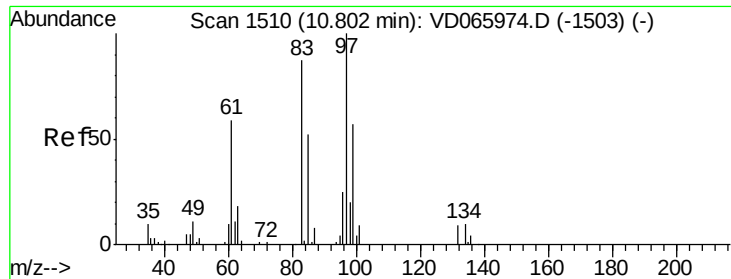
#50
Toluene-d8
Concen: 55.778 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066109.D
Acq: 30 Jul 2020 14:13

Tgt Ion: 98 Resp: 510451
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VD
Ion 100.00 (99.70 to 100.70): V

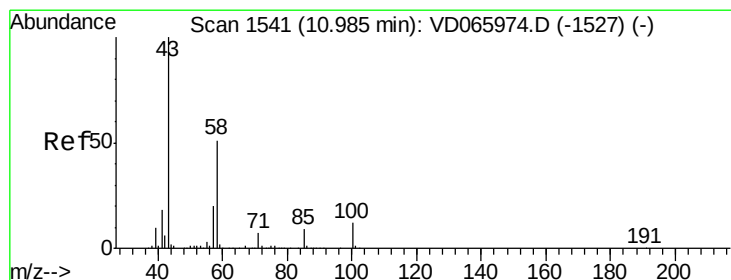
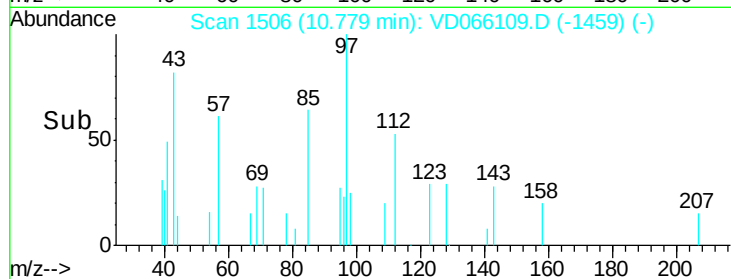
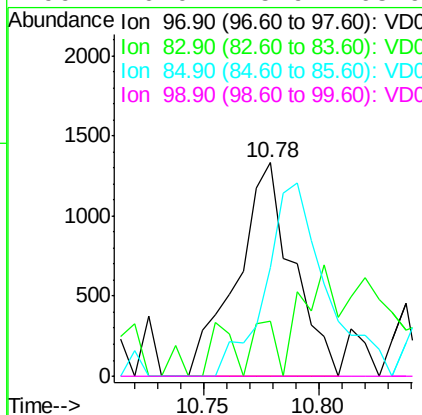
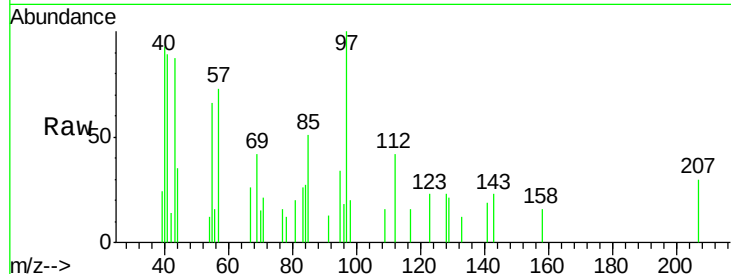




#55
 1,1,2-Trichloroethane
 Concen: 1.252 ug/l
 RT: 10.78 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: VD066109.D
 Acq: 30 Jul 2020 14:13

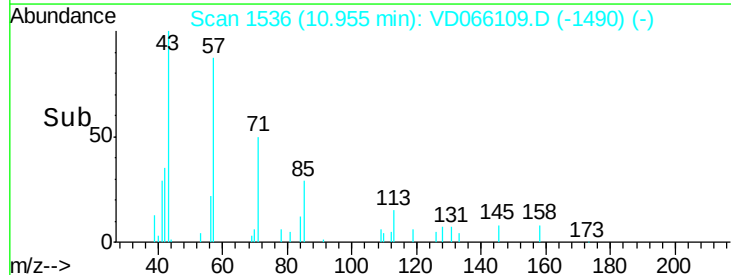
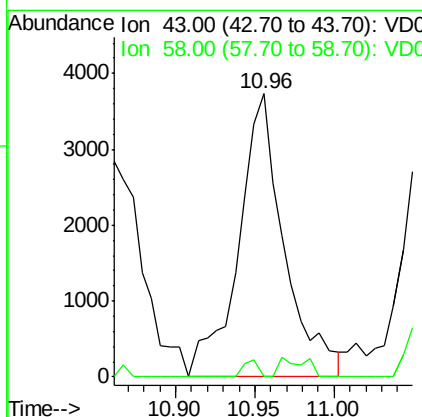
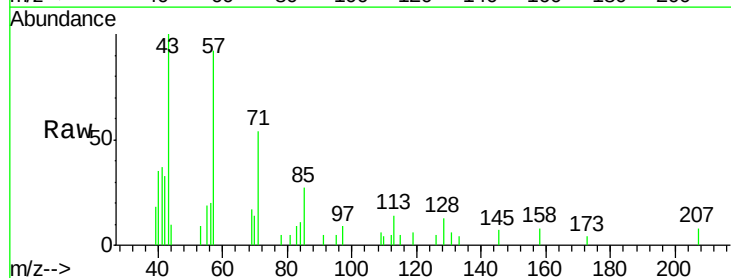
Instrument :
 MSVOA_D
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 JTY1-SB-05-2-3

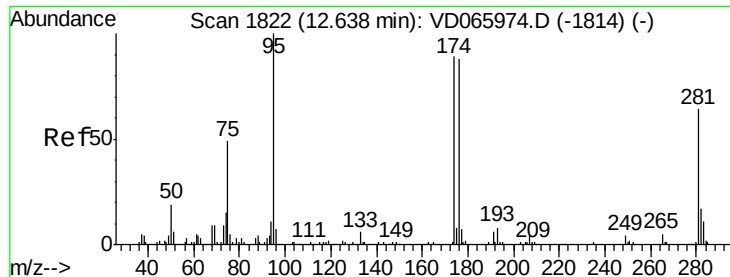
Tot Ion: 97 Resp: 2239
 Ion Ratio Lower Upper
 97 100
 83 25.7 69.7 104.5#
 85 50.8 41.6 62.4
 99 0.0 45.9 68.9#



#59
 2-Hexanone
 Concen: 8.312 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. -0.03 min
 Lab File: VD066109.D
 Acq: 30 Jul 2020 14:13

Tgt Ion: 43 Resp: 7483
 Ion Ratio Lower Upper
 43 100
 58 1.9 26.2 78.6#





#62

4-Bromofluorobenzene

Concen: 70.494 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-05-2-3

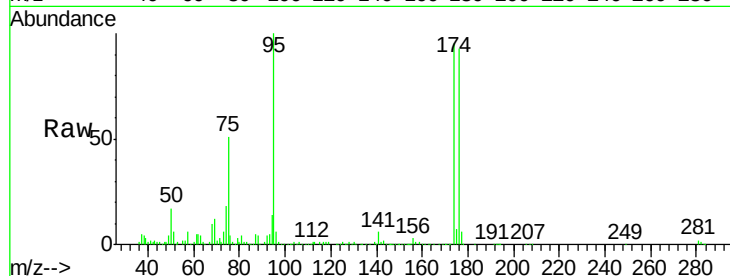
Tot Ion: 95 Resp: 223687

Ion Ratio Lower Upper

95 100

174 95.3 0.0 178.8

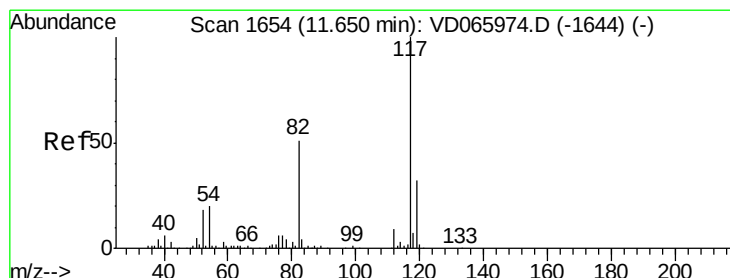
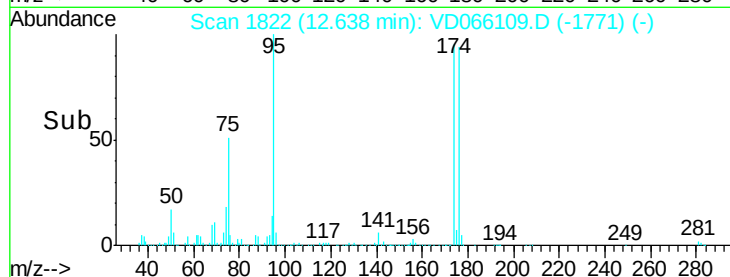
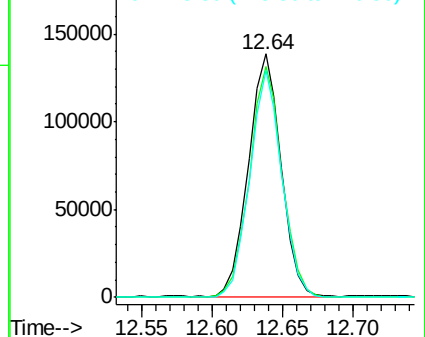
176 91.4 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): V

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: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

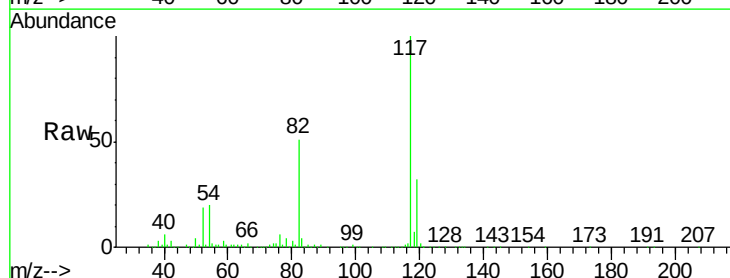
Tgt Ion: 117 Resp: 462131

Ion Ratio Lower Upper

117 100

82 50.5 41.1 61.7

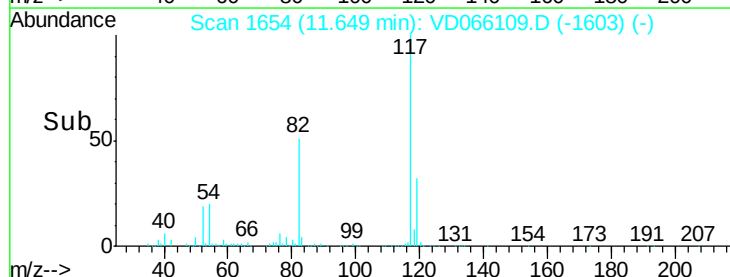
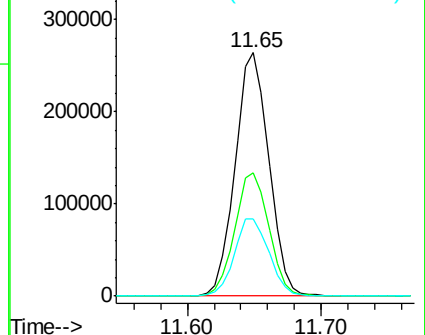
119 31.5 25.9 38.9

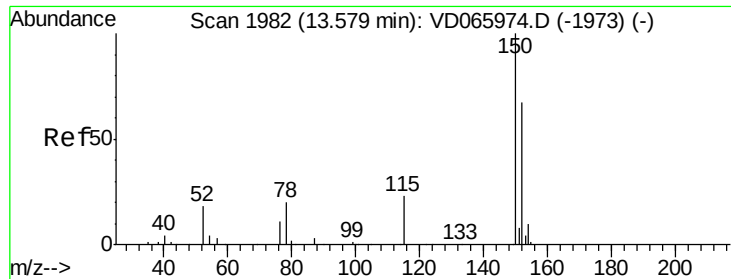


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.01 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-05-2-3

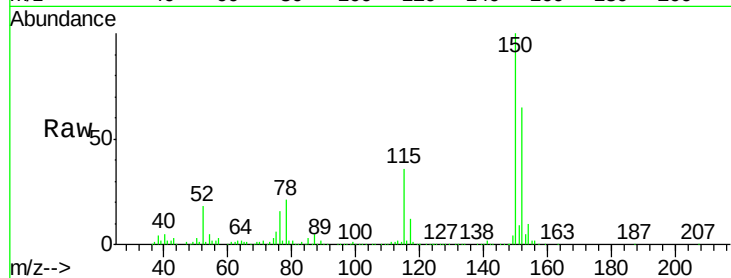
Tot Ion:152 Resp: 260269

Ion Ratio Lower Upper

152 100

115 56.5 27.9 83.7

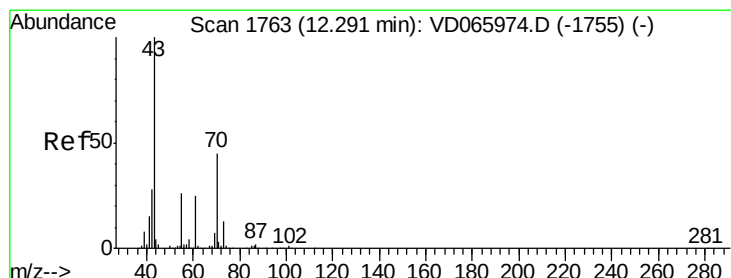
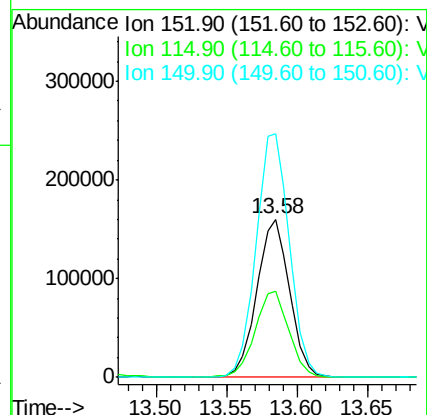
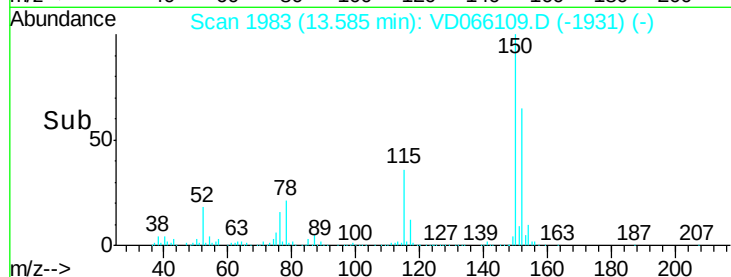
150 157.2 0.0 348.2



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



#74

N-ethyl acetate

Concen: 3.483 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

Tgt Ion: 43 Resp: 11374

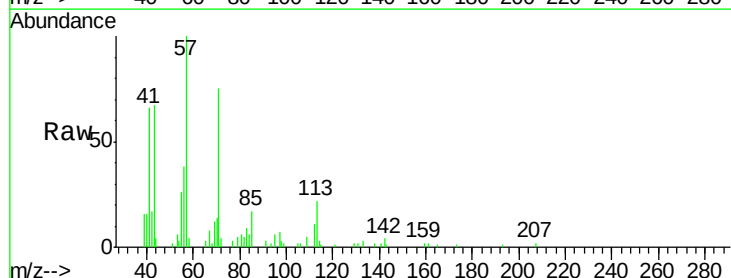
Ion Ratio Lower Upper

43 100

70 11.0 34.6 51.8#

55 37.4 20.3 30.5#

61 0.0 19.5 29.3#

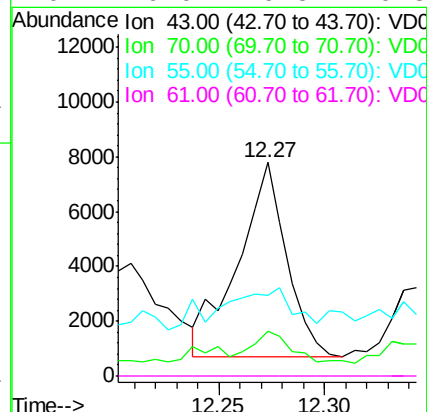
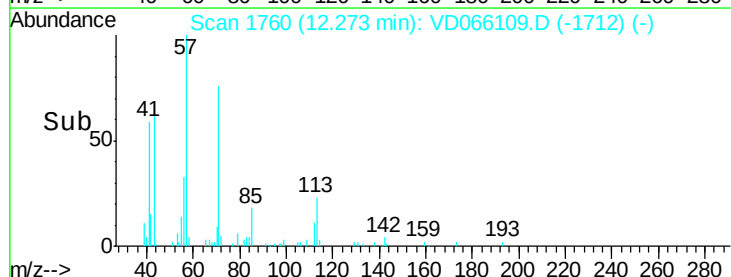


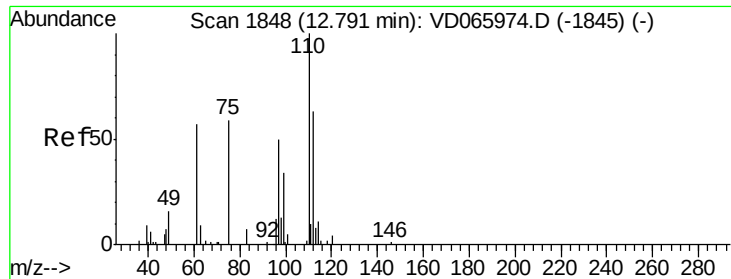
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#76

1,2,3-Trichloropropane

Concen: 59.082 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

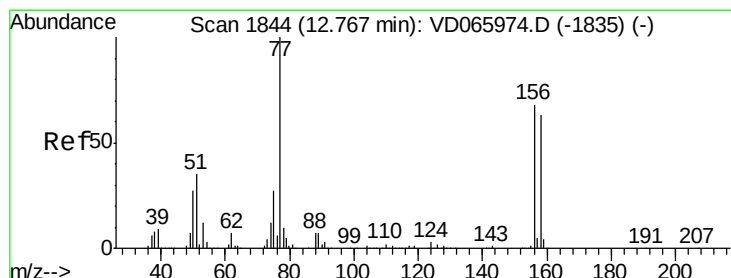
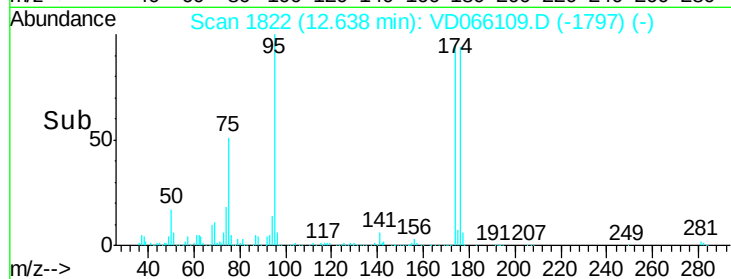
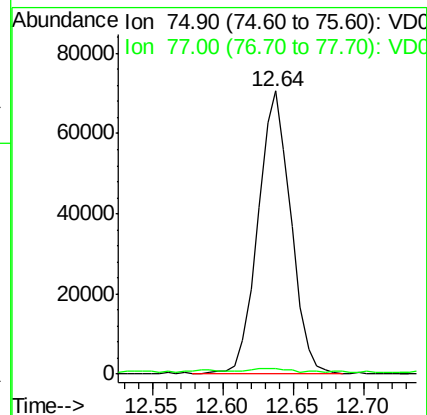
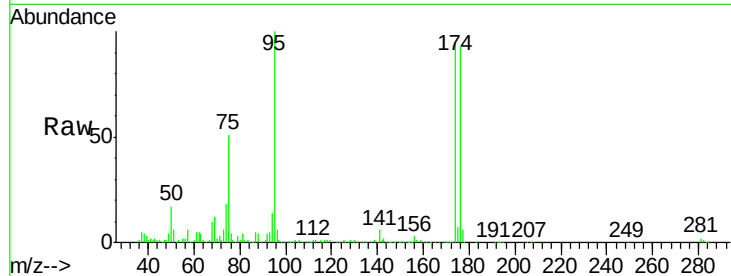
JTY1-SB-05-2-3

Tot Ion: 75 Resp: 115783

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#



#77

Bromobenzene

Concen: 6.698 ug/l

RT: 12.60 min Scan# 1816

Delta R.T. -0.16 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

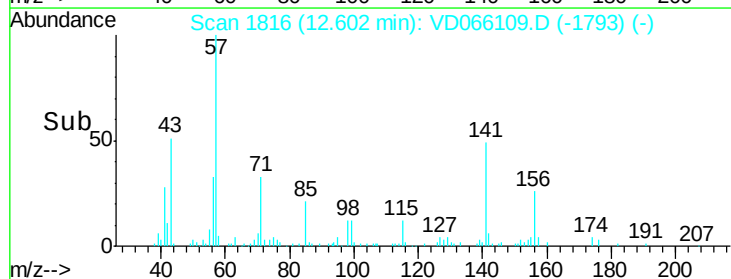
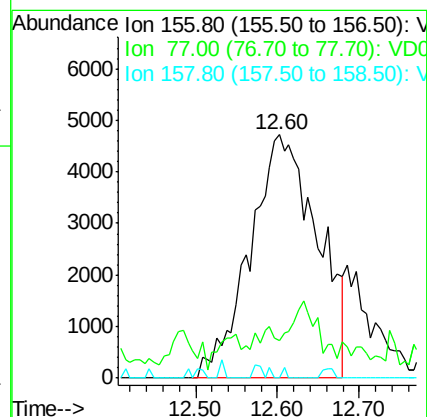
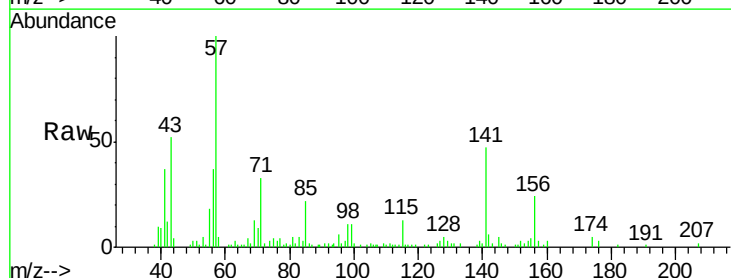
Tgt Ion: 156 Resp: 26960

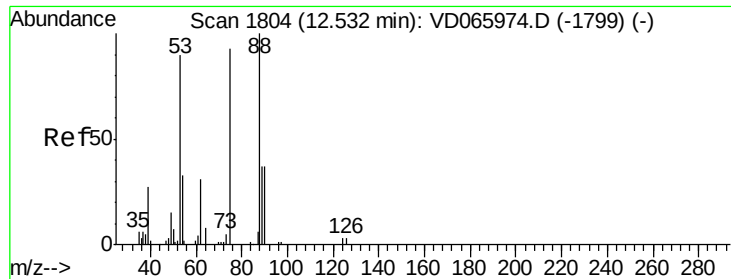
Ion Ratio Lower Upper

156 100

77 4.5 83.0 249.0#

158 0.3 48.2 144.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 135.573 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066109.D

Acq: 30 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-05-2-3

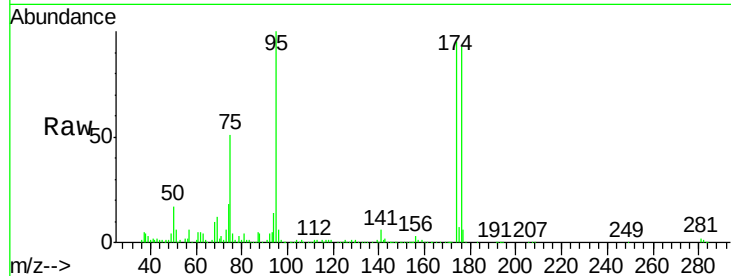
Tot Ion: 75 Resp: 115783

Ion Ratio Lower Upper

75 100

53 0.0 76.8 115.2#

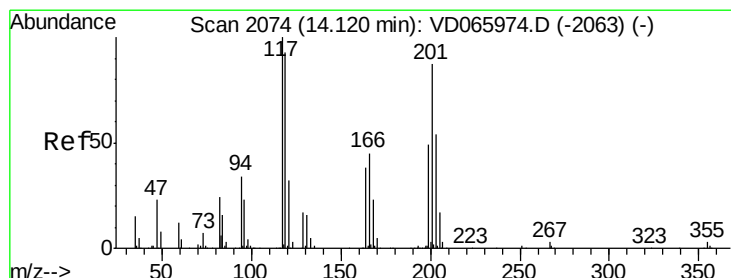
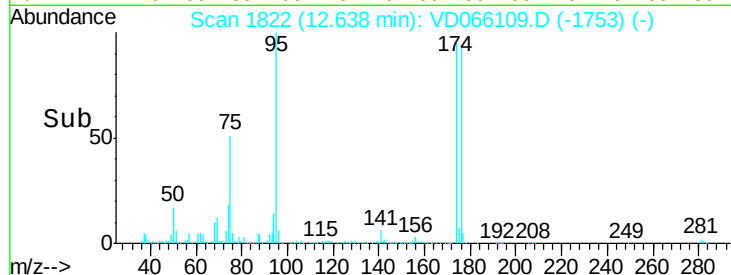
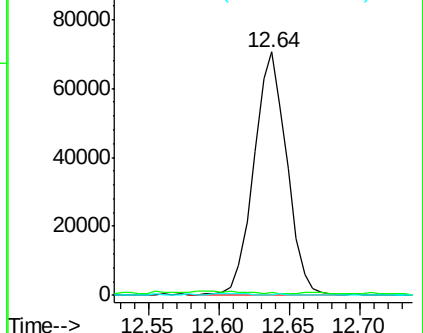
89 0.0 37.0 55.4#



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



#90

Hexachloroethane

Concen: 2.666 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD066109.D

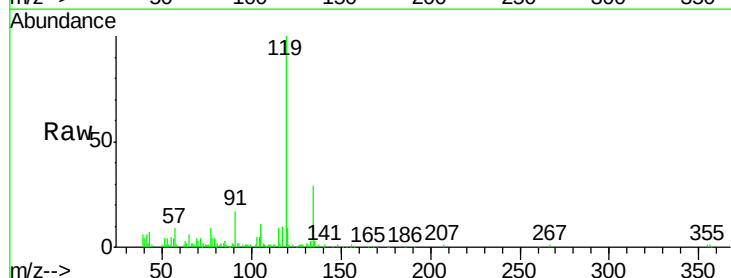
Acq: 30 Jul 2020 14:13

Tgt Ion: 117 Resp: 7820

Ion Ratio Lower Upper

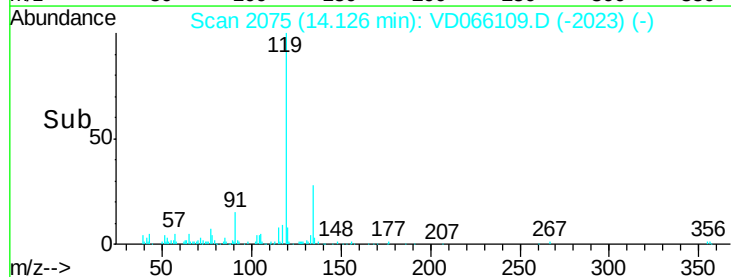
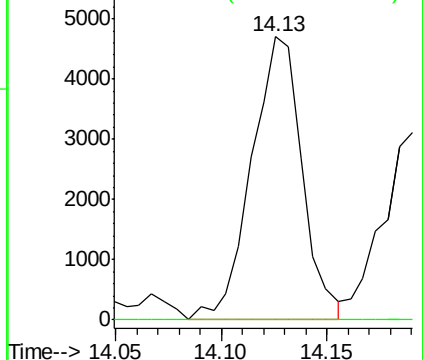
117 100

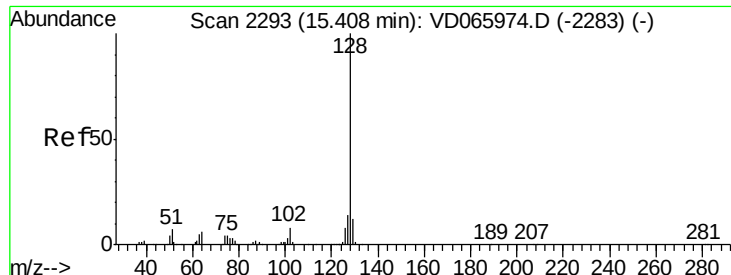
201 0.0 42.0 126.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

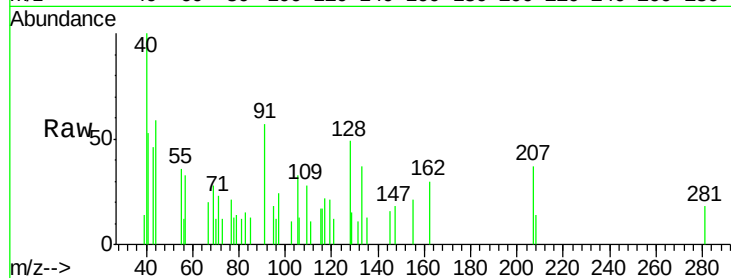




#95
Naphthalene
Concen: 3.772 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066109.D
Acq: 30 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-05-2-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.5	10.8	16.2#
129	0.0	8.9	13.3#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

