

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076523.D
 Acq On : 21 Jun 2023 20:22
 Operator : KP/SY
 Sample : 03355-09
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-6.5-7.0

Quant Time: Jun 22 02:03:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

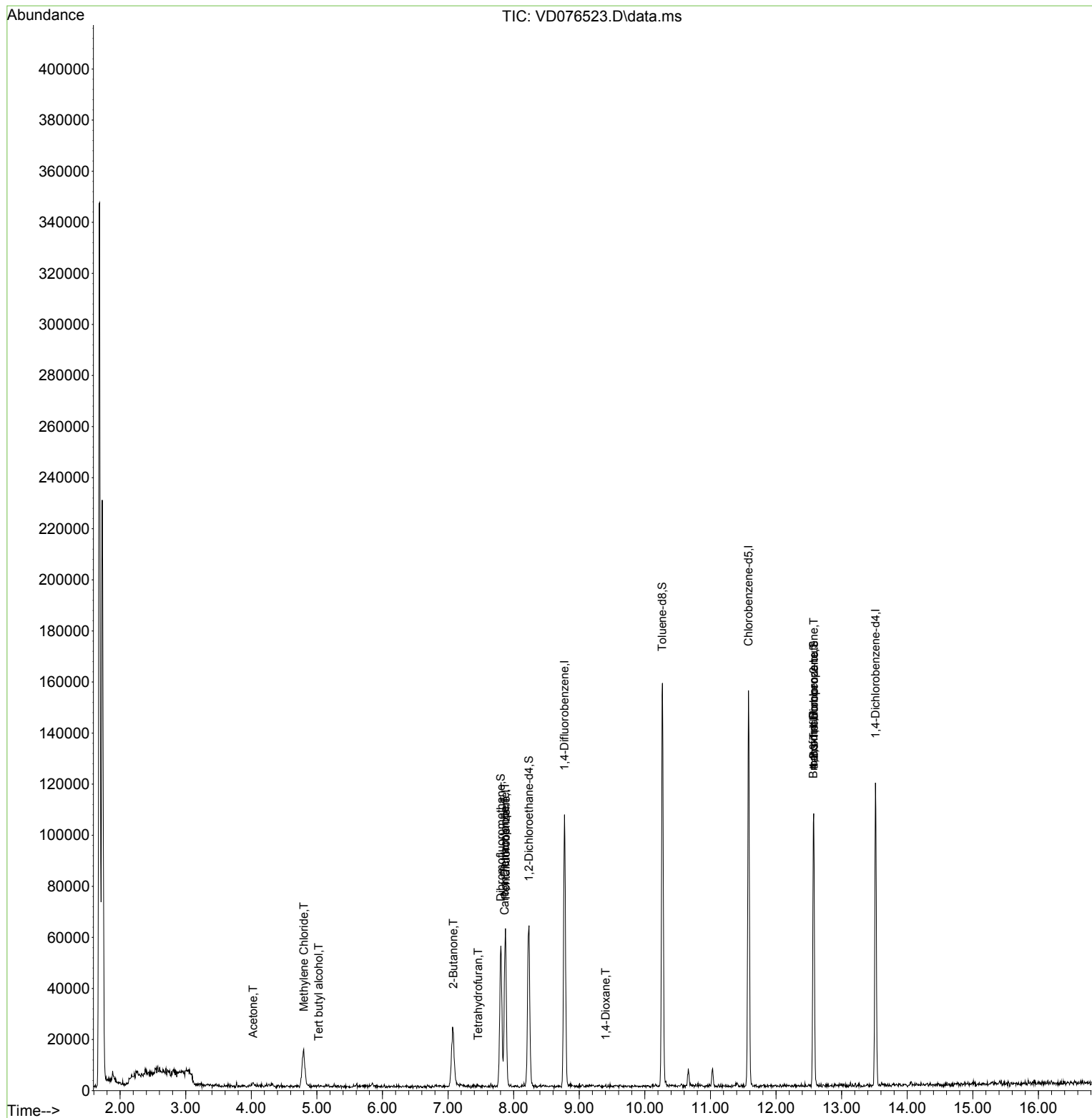
Internal Standards						
1) Pentafluorobenzene	7.881	168	48524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	91186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	82805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	30913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48958	100.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	201.400%#
35) Dibromofluoromethane	7.804	113	38920	71.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.700%
50) Toluene-d8	10.263	98	109024	53.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.140%
62) 4-Bromofluorobenzene	12.575	95	33024	49.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.028	59	55	1.310	ug/l #	73
16) Acetone	4.028	43	2438	21.074	ug/l #	73
20) Methylene Chloride	4.805	84	10444	9.872	ug/l #	85
25) 2-Butanone	7.081	43	1125	6.287	ug/l #	37
28) Bromochloromethane	7.387	49	61	Below Cal	#	1
29) Tetrahydrofuran	7.457	42	126	1.096	ug/l #	23
31) Cyclohexane	7.863	56	451	Below Cal	#	39
36) 1,1-Dichloropropene	7.869	75	4010	5.286	ug/l #	43
38) Carbon Tetrachloride	7.863	117	4546	6.705	ug/l #	11
49) 1,4-Dioxane	9.404	88	66	16.394	ug/l #	33
71) Bromoform	12.569	173	397	1.175	ug/l #	28
76) 1,2,3-Trichloropropane	12.575	75	17029	55.505	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	17029	121.623	ug/l #	17

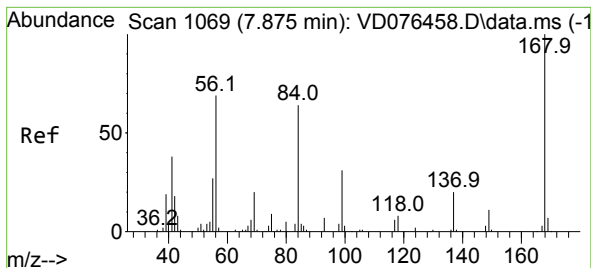
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
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Quant Time: Jun 22 02:03:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD076523.D

Acq: 21 Jun 2023 20:22

Instrument :

MSVOA_D

ClientSampleId :

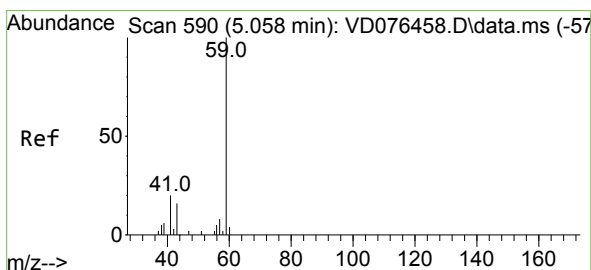
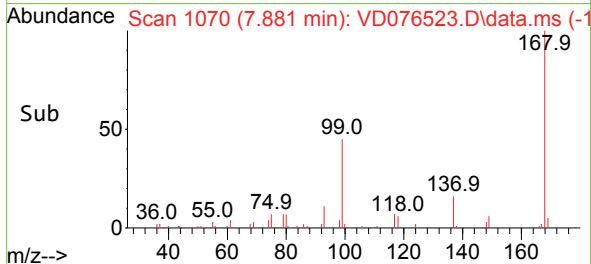
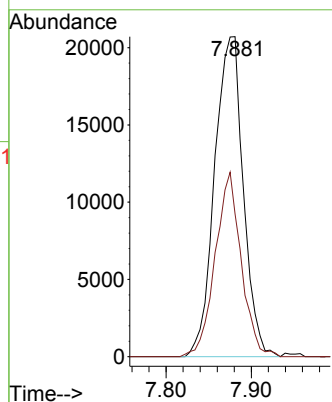
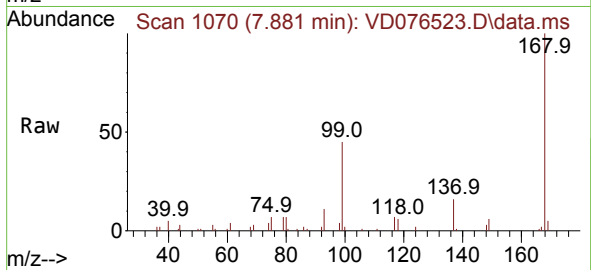
SB-05-6.5-7.0

Tgt Ion:168 Resp: 48524

Ion Ratio Lower Upper

168 100

99 44.6 36.7 55.1



#11

Tert butyl alcohol

Concen: 1.310 ug/l

RT: 5.028 min Scan# 585

Delta R.T. -0.030 min

Lab File: VD076523.D

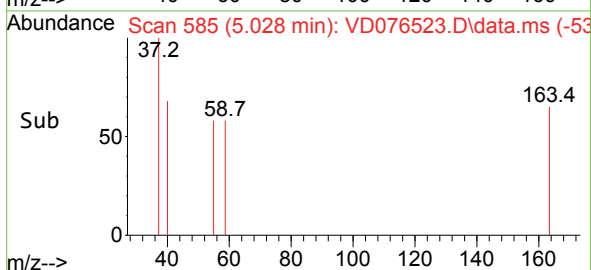
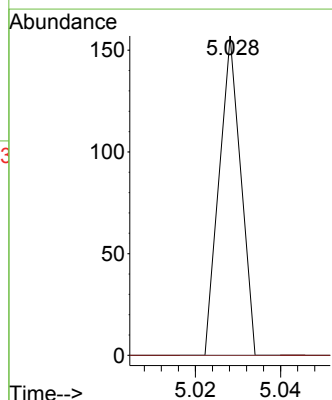
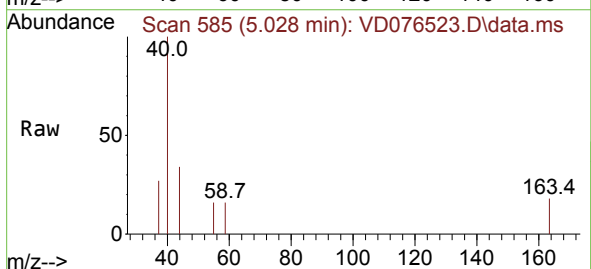
Acq: 21 Jun 2023 20:22

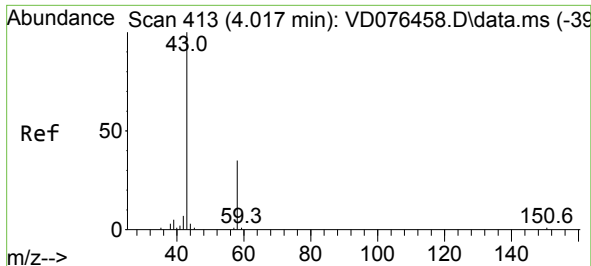
Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#16

Acetone

Concen: 21.074 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD076523.D

Acq: 21 Jun 2023 20:22

Instrument :

MSVOA_D

ClientSampleId :

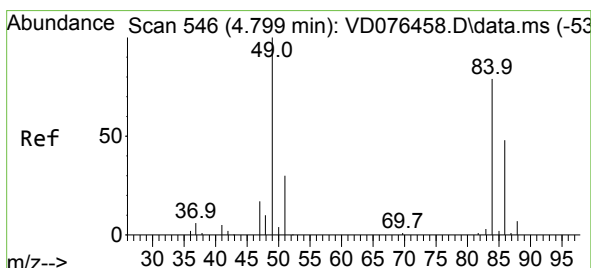
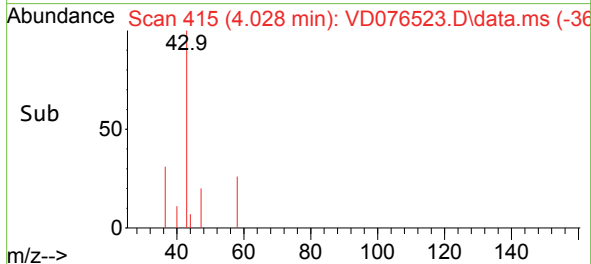
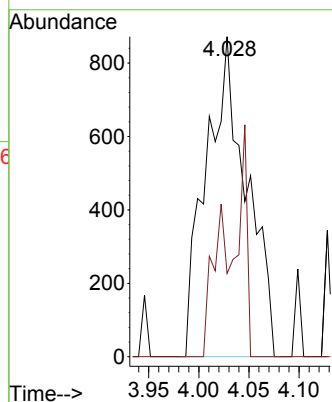
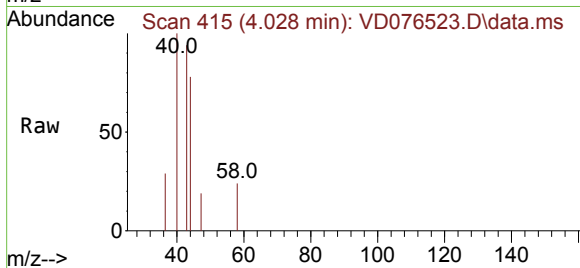
SB-05-6.5-7.0

Tgt Ion: 43 Resp: 2438

Ion Ratio Lower Upper

43 100

58 26.0 34.7 52.1#



#20

Methylene Chloride

Concen: 9.872 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD076523.D

Acq: 21 Jun 2023 20:22

Tgt Ion: 84 Resp: 10444

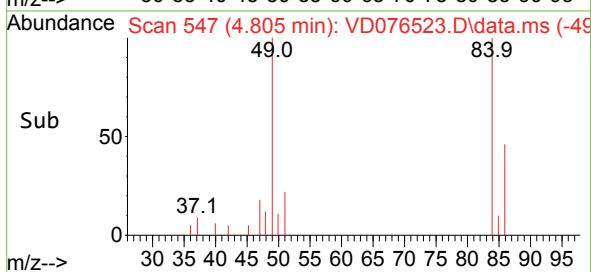
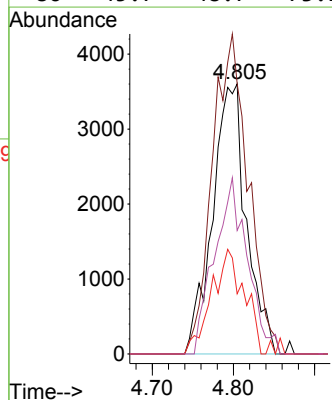
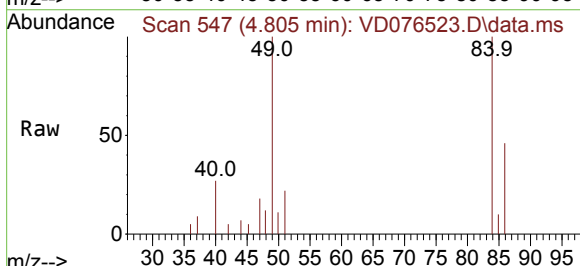
Ion Ratio Lower Upper

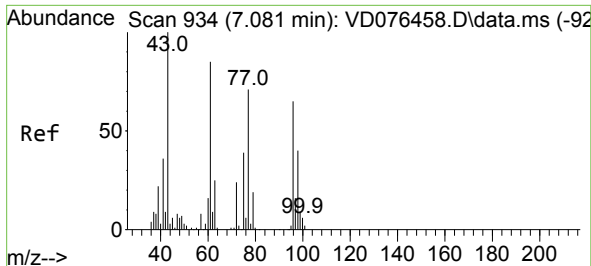
84 100

49 100.1 71.4 107.2

51 22.3 24.5 36.7#

86 45.7 48.7 73.1#

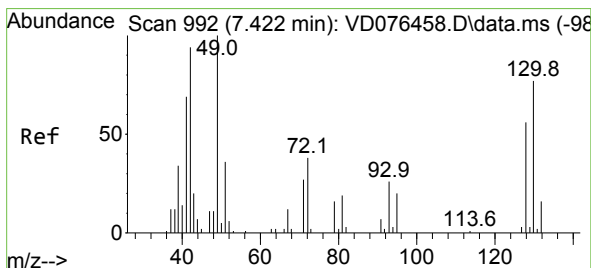
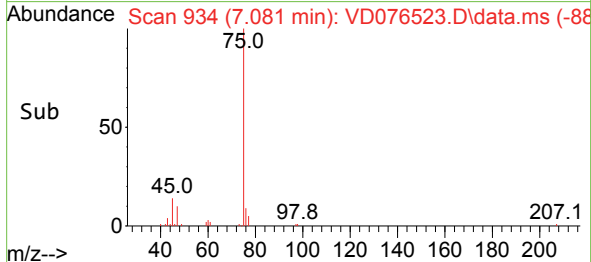
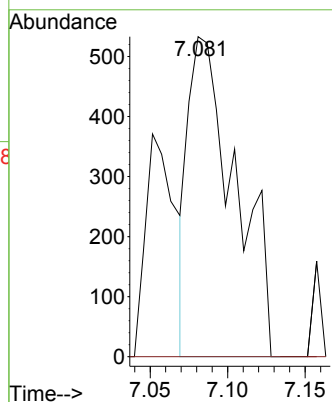
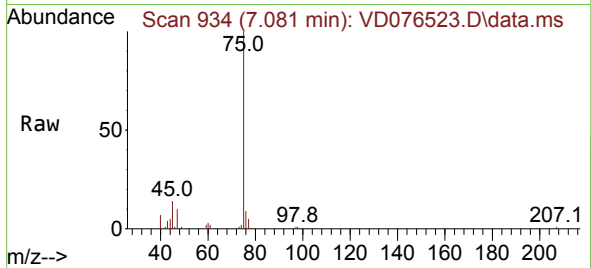




#25
2-Butanone
Concen: 6.287 ug/l
RT: 7.081 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

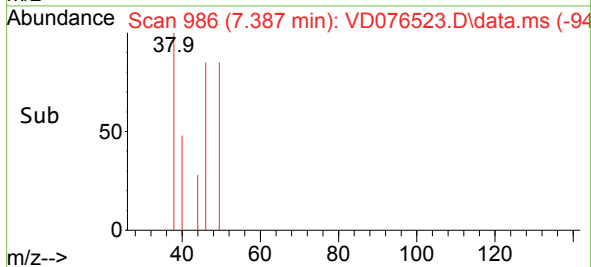
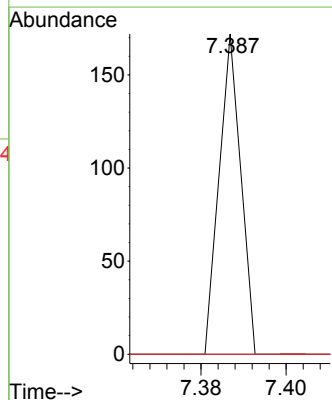
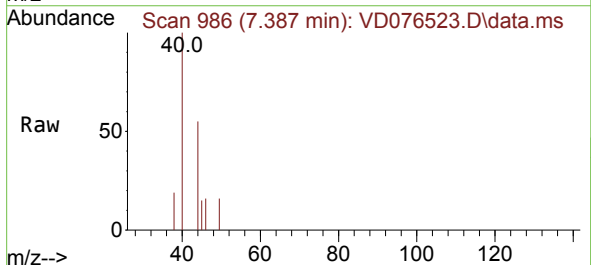
Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

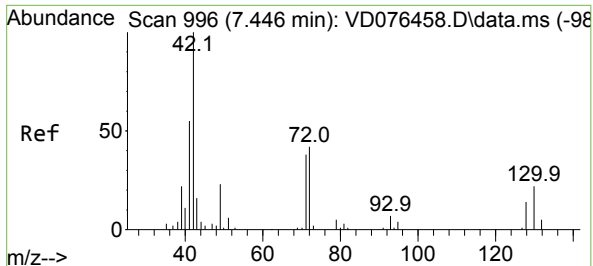
Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.387 min Scan# 986
Delta R.T. -0.035 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Tgt Ion: 49 Resp: 61
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#

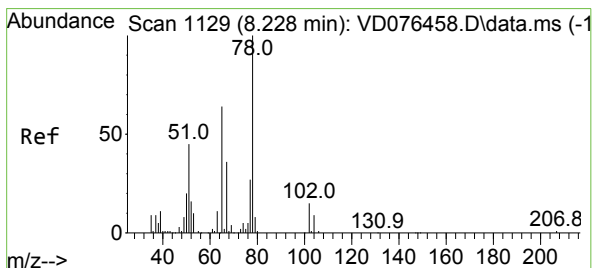
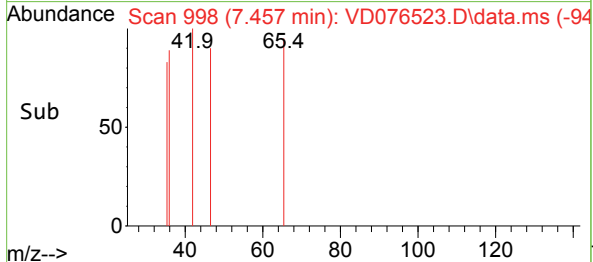
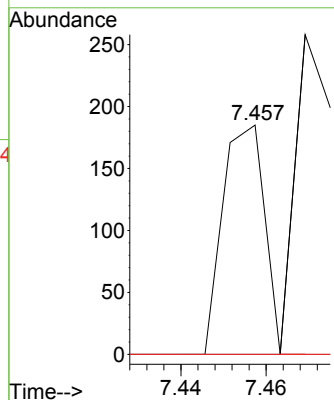
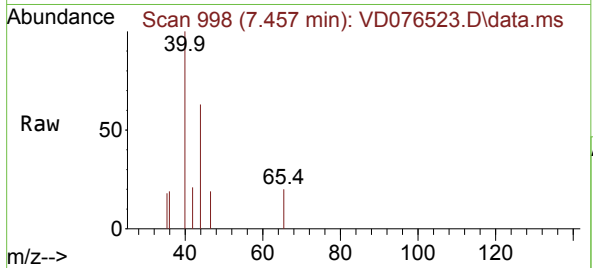




#29
Tetrahydrofuran
Concen: 1.096 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.011 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

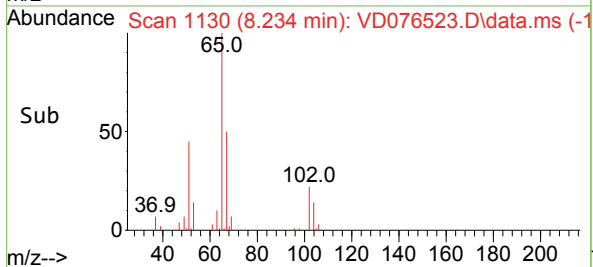
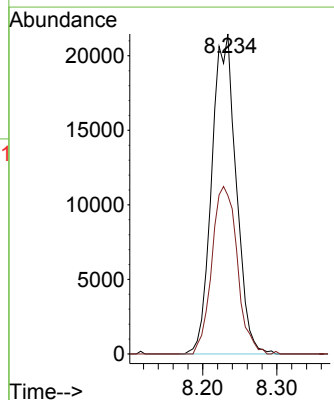
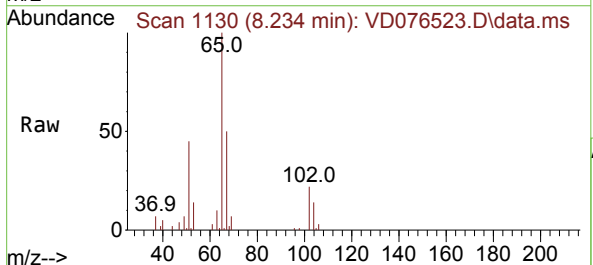
Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

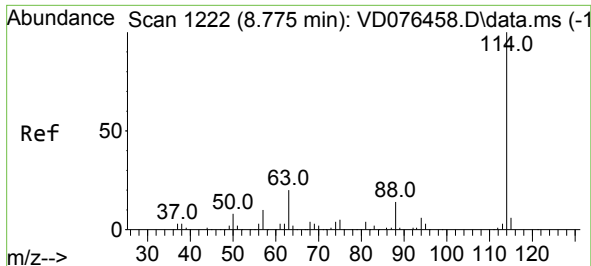
Tgt Ion: 42 Resp: 126
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 0.0 44.5 66.7#



#33
1,2-Dichloroethane-d4
Concen: 100.702 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Tgt Ion: 65 Resp: 48958
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076523.D

Acq: 21 Jun 2023 20:22

Instrument :

MSVOA_D

ClientSampleId :

SB-05-6.5-7.0

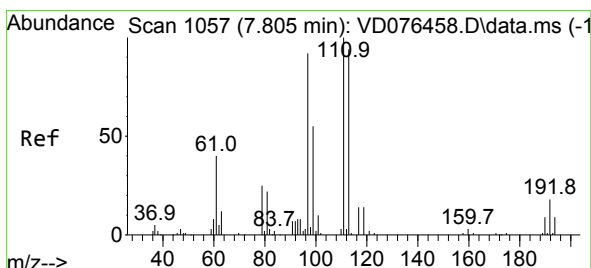
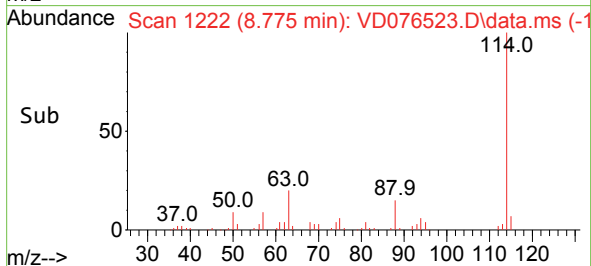
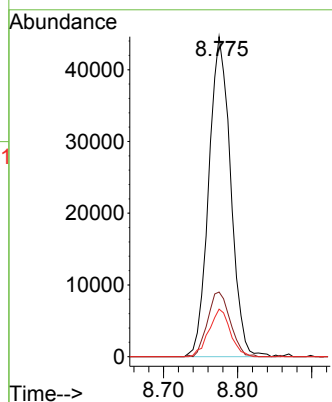
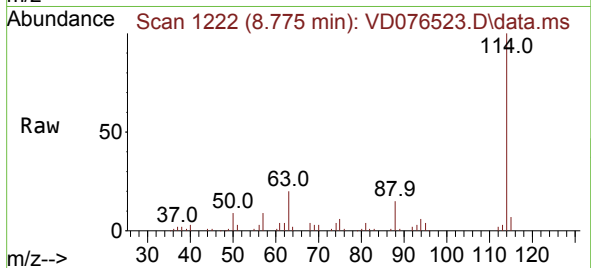
Tgt Ion:114 Resp: 91186

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 71.847 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076523.D

Acq: 21 Jun 2023 20:22

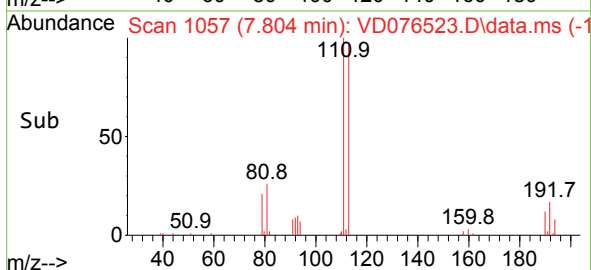
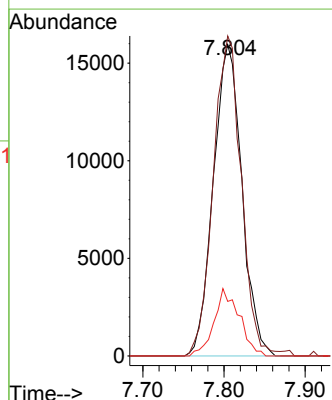
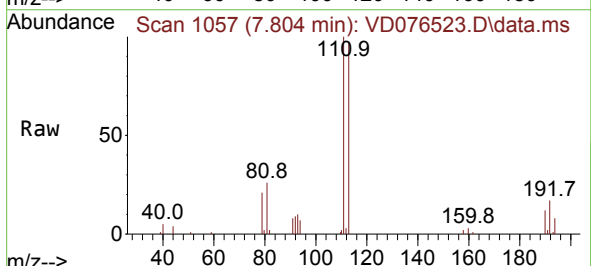
Tgt Ion:113 Resp: 38920

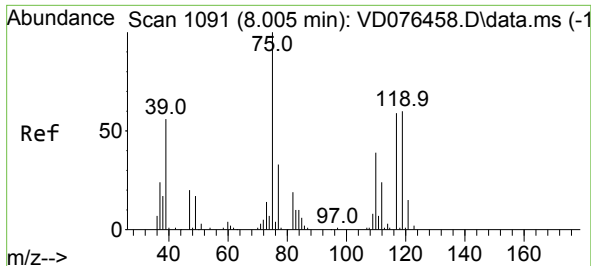
Ion Ratio Lower Upper

113 100

111 101.2 84.7 127.1

192 19.2 16.8 25.2

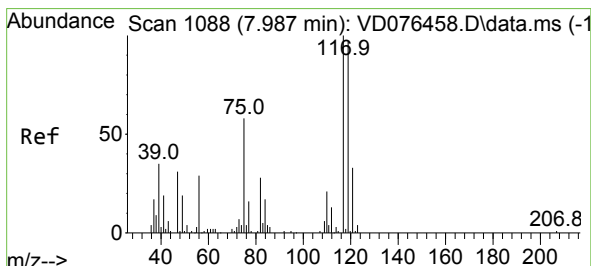
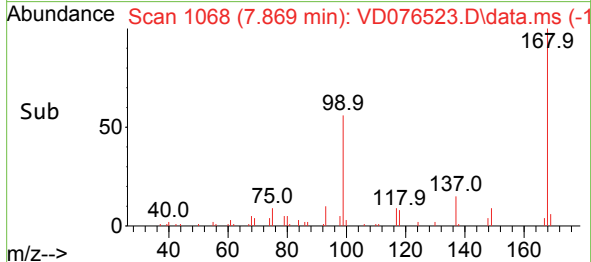
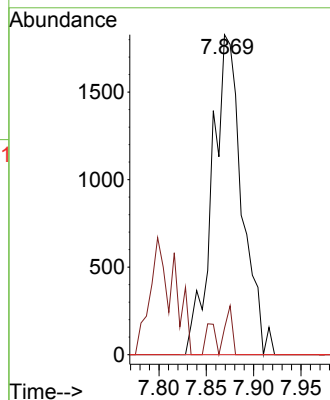
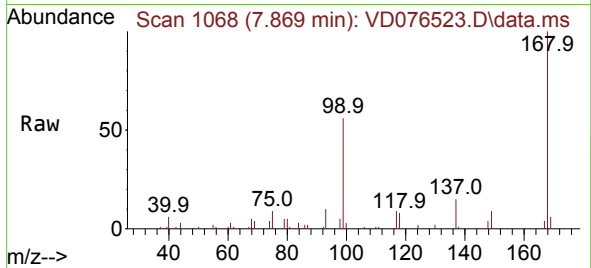




#36
1,1-Dichloropropene
Concen: 5.286 ug/l
RT: 7.869 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

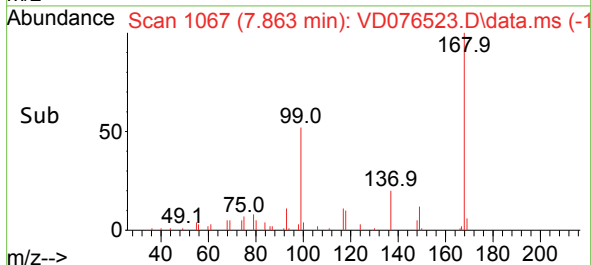
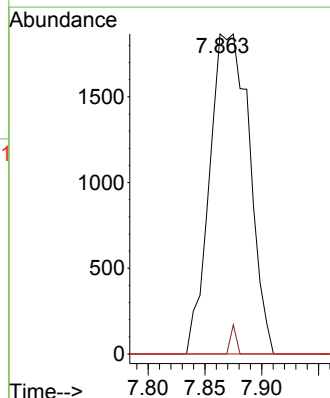
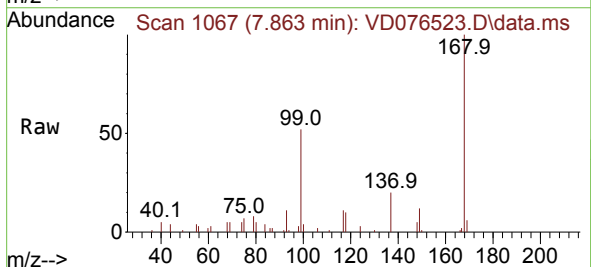
Instrument :
MSVOA_D
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SB-05-6.5-7.0

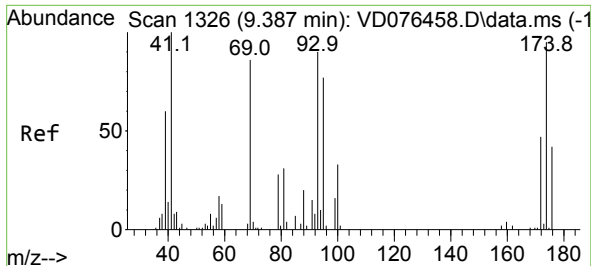
Tgt Ion: 75 Resp: 4010
Ion Ratio Lower Upper
75 100
110 3.8 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.124 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Tgt Ion: 117 Resp: 4546
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 16.394 ug/l

RT: 9.404 min Scan# 11

Delta R.T. 0.018 min

Lab File: VD076523.D

Acq: 21 Jun 2023 20:22

Instrument :

MSVOA_D

ClientSampleId :

SB-05-6.5-7.0

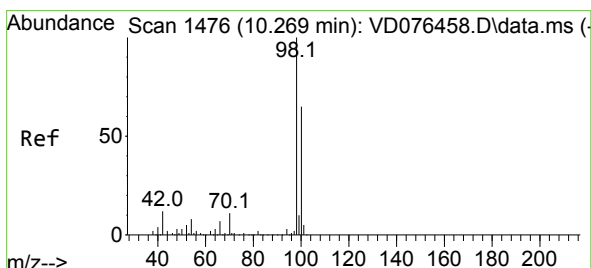
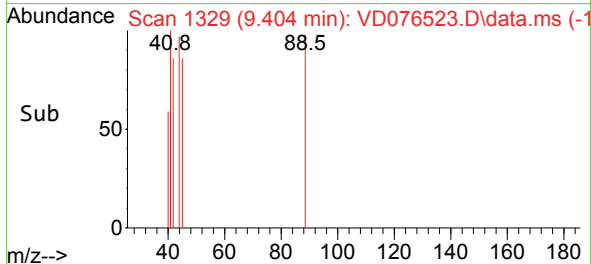
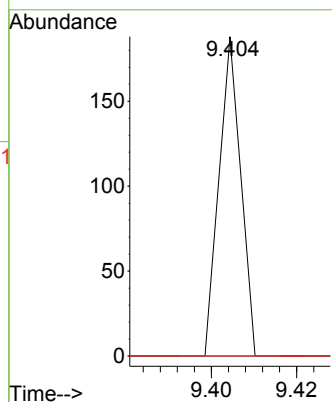
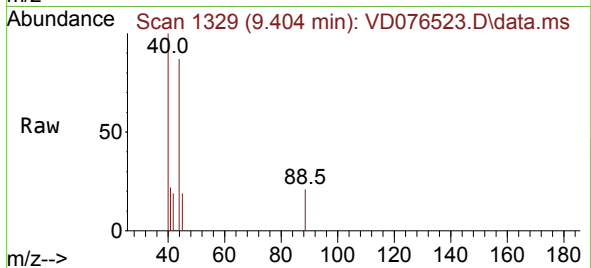
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 0.0 43.5 65.3#



#50

Toluene-d8

Concen: 53.068 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD076523.D

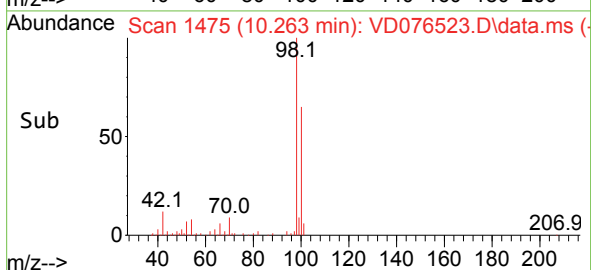
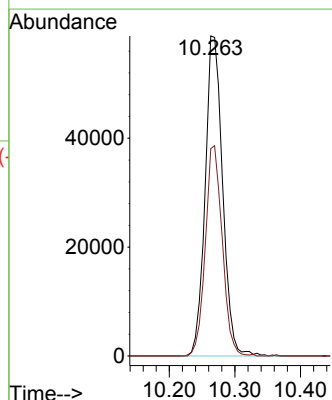
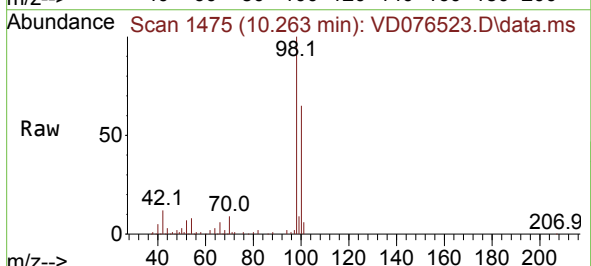
Acq: 21 Jun 2023 20:22

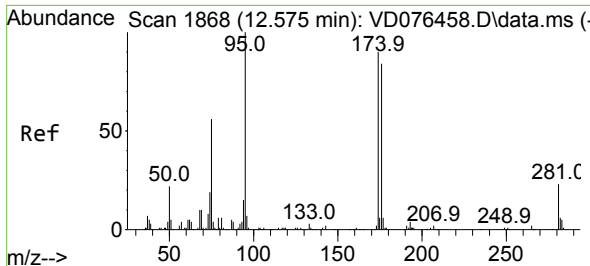
Tgt Ion: 98 Resp: 109024

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

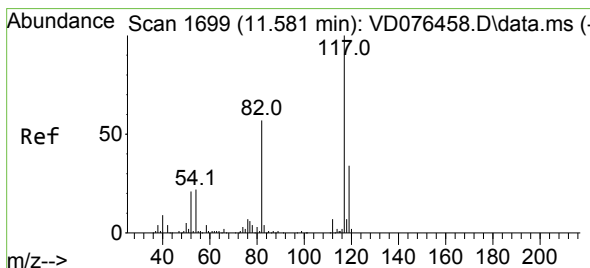
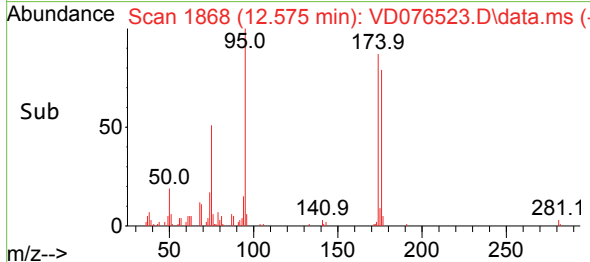
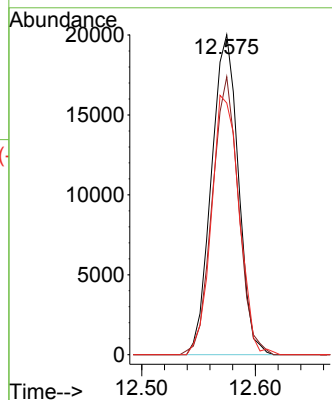
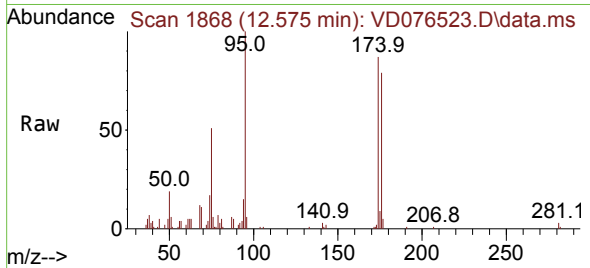




#62
4-Bromofluorobenzene
Concen: 49.530 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

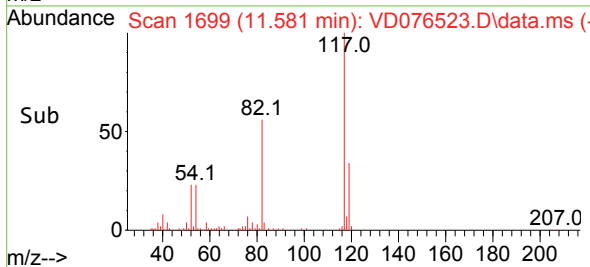
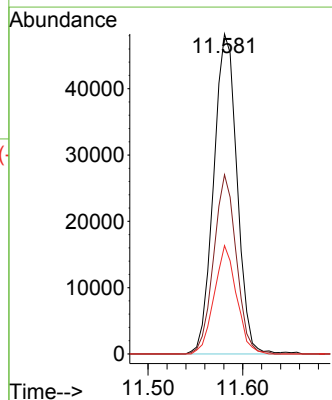
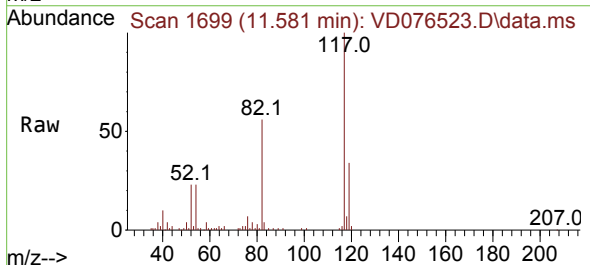
Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

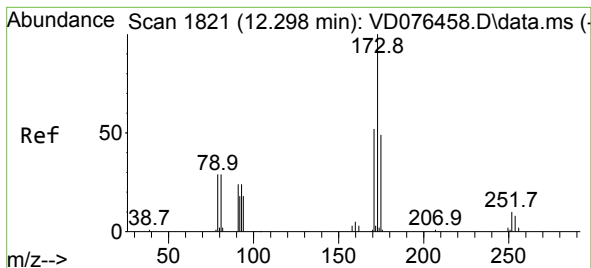
Tgt Ion:	95	Resp:	33024
Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	201.8
176	83.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Tgt Ion:	117	Resp:	82805
Ion	Ratio	Lower	Upper
117	100		
82	56.0	38.3	57.5
119	33.9	25.0	37.4





#71

Bromoform

Concen: 1.175 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.270 min

Lab File: VD076523.D

Acq: 21 Jun 2023 20:22

Instrument :

MSVOA_D

ClientSampleId :

SB-05-6.5-7.0

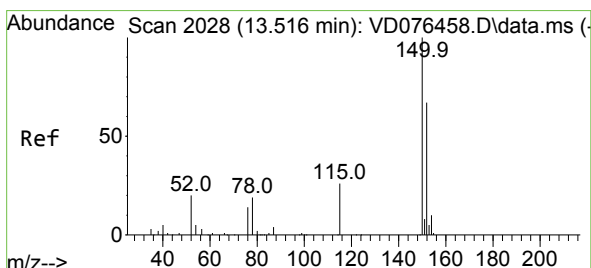
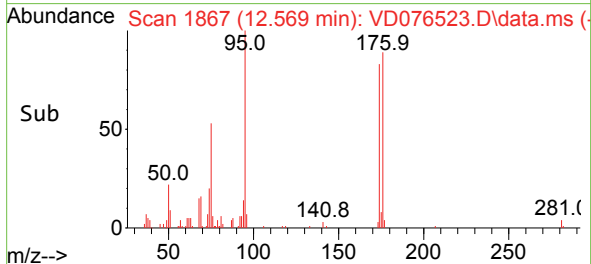
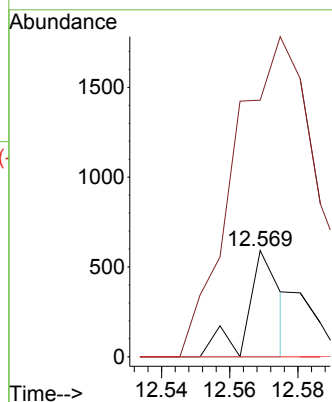
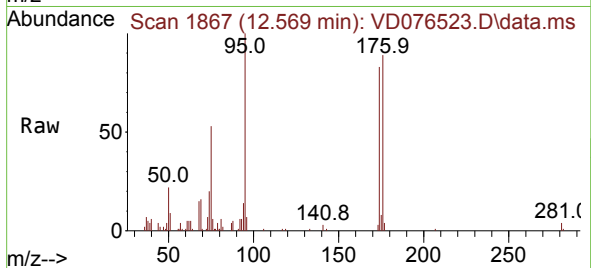
Tgt Ion:173 Resp: 397

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076523.D

Acq: 21 Jun 2023 20:22

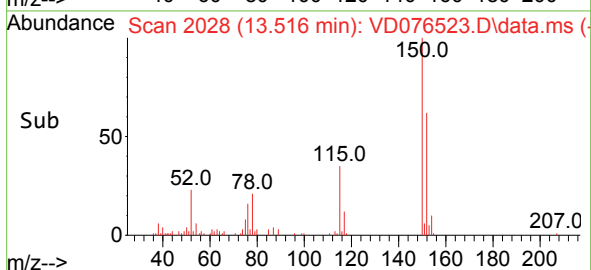
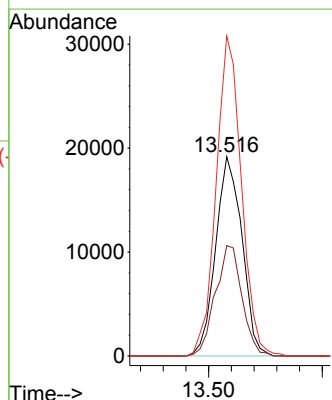
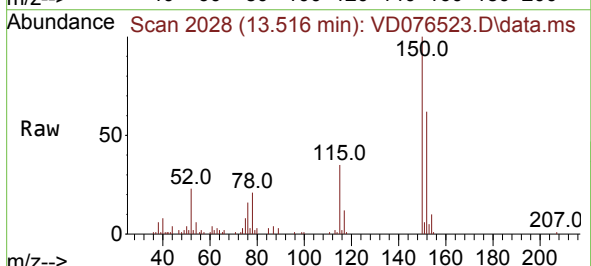
Tgt Ion:152 Resp: 30913

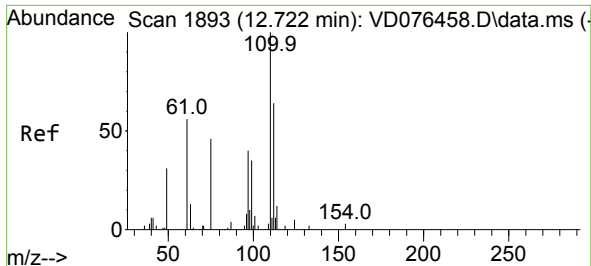
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 154.0 0.0 353.6

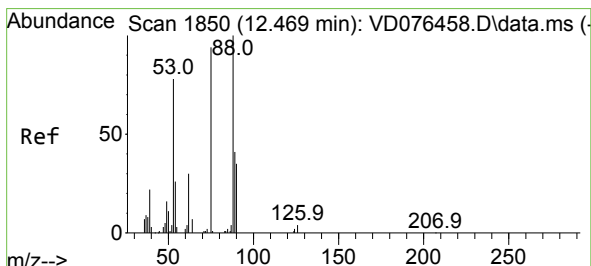
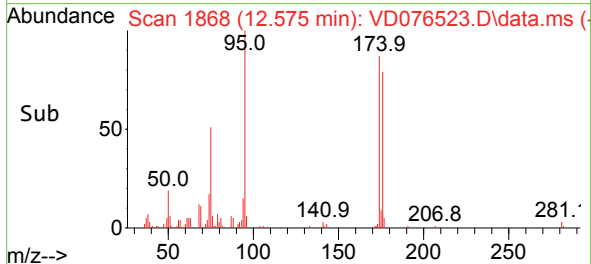
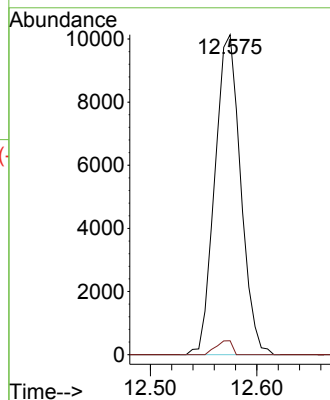
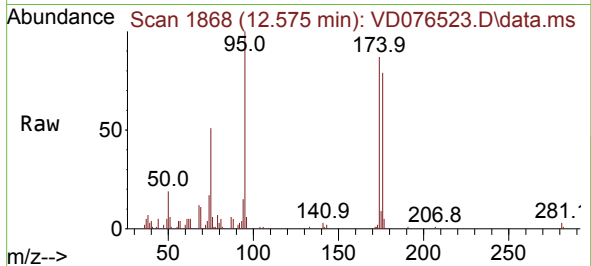




#76
1,2,3-Trichloropropane
Concen: 55.505 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Instrument :
MSVOA_D
ClientSampleId :
SB-05-6.5-7.0

Tgt Ion: 75 Resp: 17029
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.623 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076523.D
Acq: 21 Jun 2023 20:22

Tgt Ion: 75 Resp: 17029
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

