

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076490.D
 Acq On : 20 Jun 2023 14:16
 Operator : KP/SY
 Sample : 03289-07
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Jun 21 06:46:21 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)

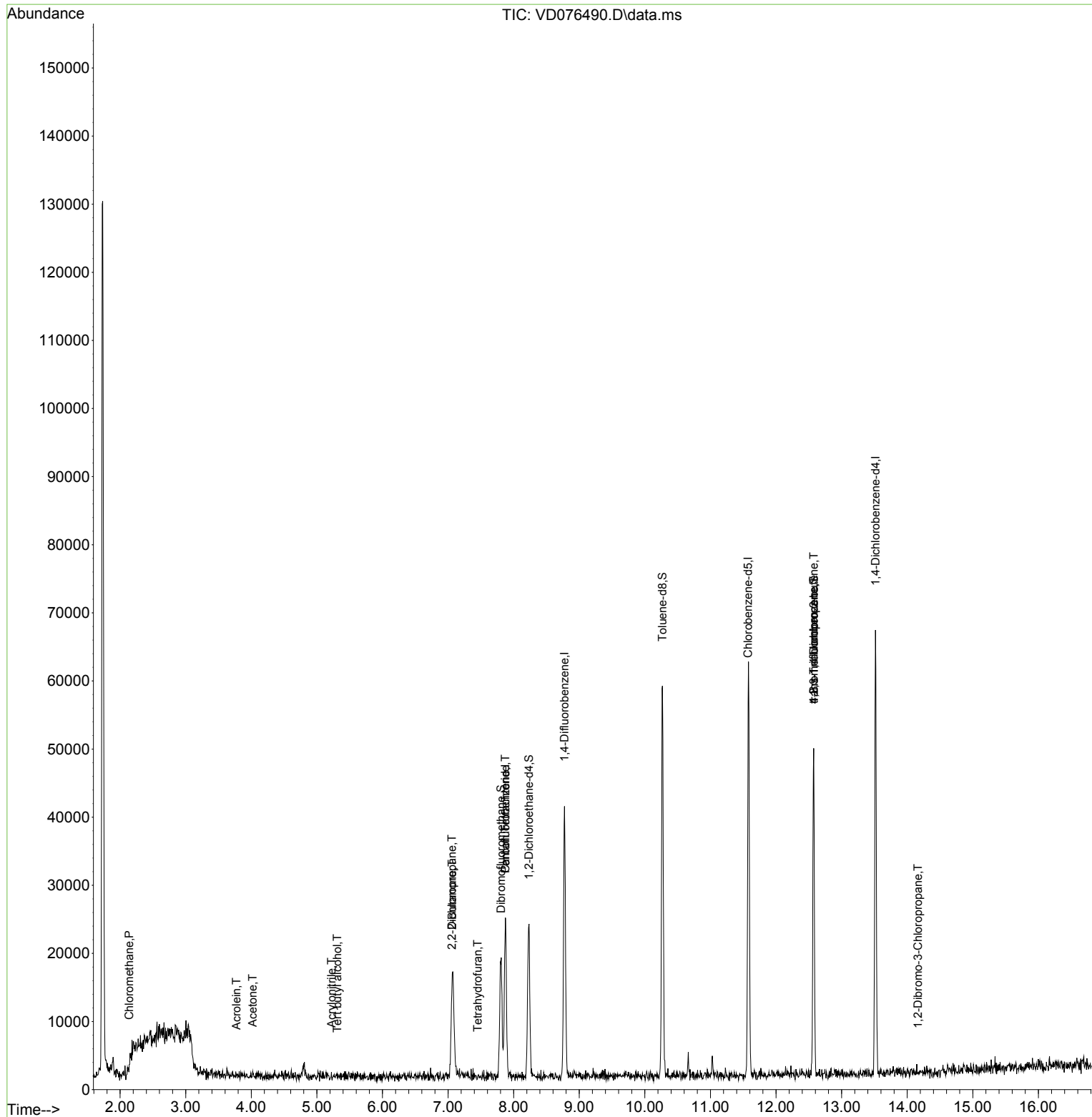
Internal Standards						
1) Pentafluorobenzene	7.875	168	18655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	34290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	33898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	16901	90.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.840%#	
35) Dibromofluoromethane	7.810	113	13054	64.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.160%	
50) Toluene-d8	10.269	98	38479	49.808	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.575	95	13747	54.829	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.660%	
Target Compounds						Qvalue
3) Chloromethane	2.140	50	370	1.255	ug/l #	41
11) Tert butyl alcohol	5.310	59	58	3.594	ug/l #	73
13) Acrolein	3.775	56	64	3.682	ug/l #	15
15) Acrylonitrile	5.222	53	62	1.184	ug/l #	18
16) Acetone	4.022	43	734	16.503	ug/l #	32
20) Methylene Chloride	4.781	84	823	Below Cal	#	44
25) 2-Butanone	7.063	43	865	12.574	ug/l #	37
26) 2,2-Dichloropropane	7.057	77	1255	3.862	ug/l #	49
28) Bromochloromethane	7.198	49	70	Below Cal	#	1
29) Tetrahydrofuran	7.451	42	82	1.855	ug/l #	23
38) Carbon Tetrachloride	7.875	117	1801	7.064	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	7277	44.413	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	7277	97.319	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.163	75	54	1.564	ug/l #	1

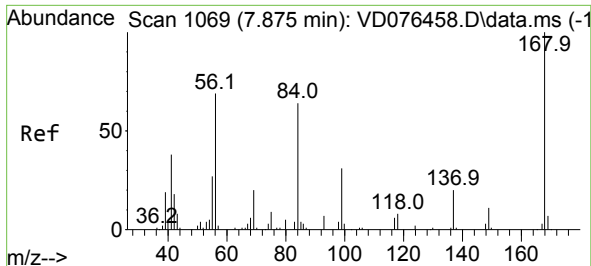
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
Data File : VD076490.D
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Misc : 5.03G/5.0ml/MSVOA_D/SOIL
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Instrument :
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SB-03-0-2.0

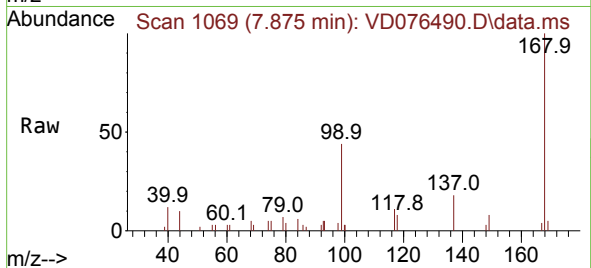
Quant Time: Jun 21 06:46:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration



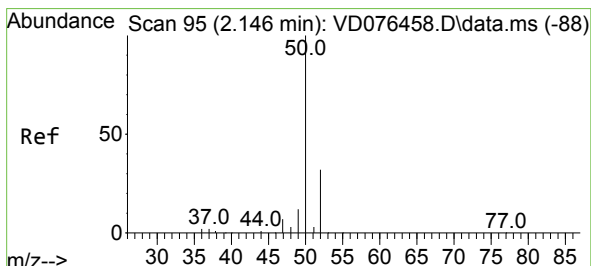
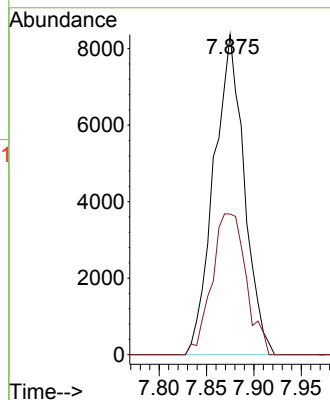
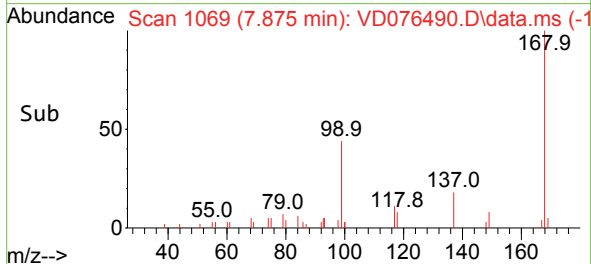


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

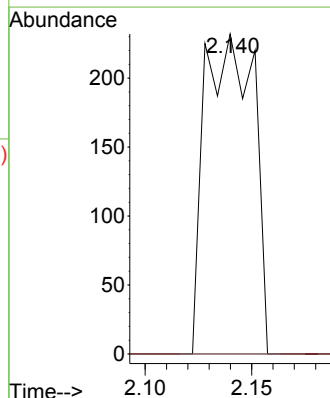
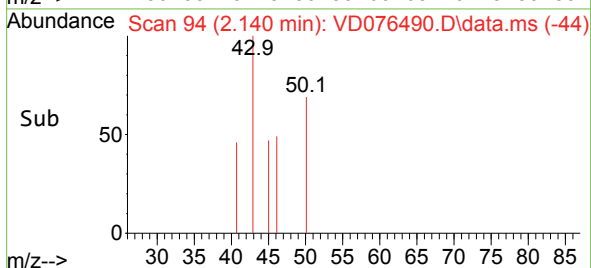
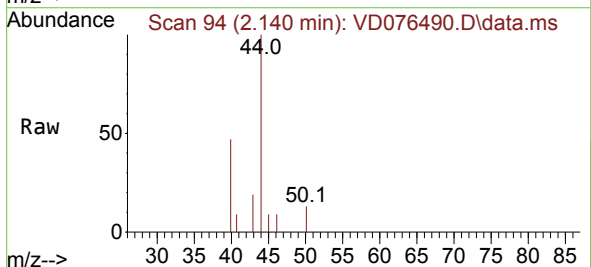


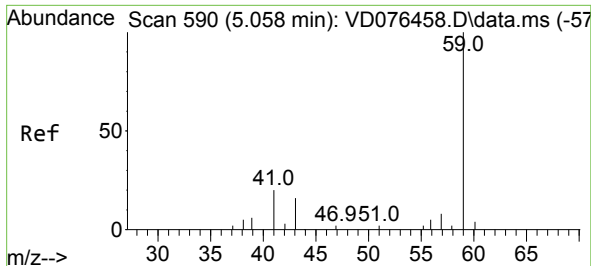
Tgt Ion:168 Resp: 18655
Ion Ratio Lower Upper
168 100
99 44.0 36.7 55.1



#3
Chloromethane
Concen: 1.255 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Tgt Ion: 50 Resp: 370
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





#11

Tert butyl alcohol

Concen: 3.594 ug/l

RT: 5.310 min Scan# 61

Delta R.T. 0.253 min

Lab File: VD076490.D

Acq: 20 Jun 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

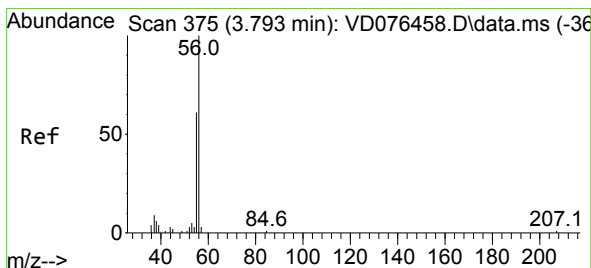
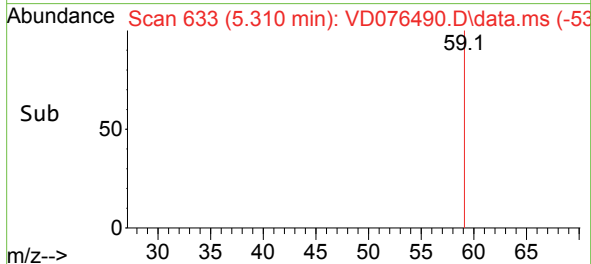
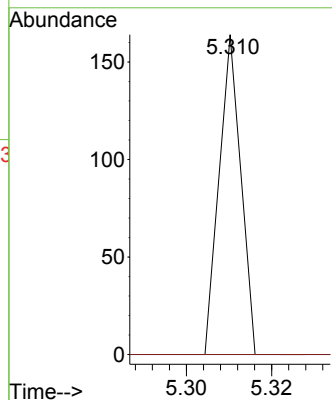
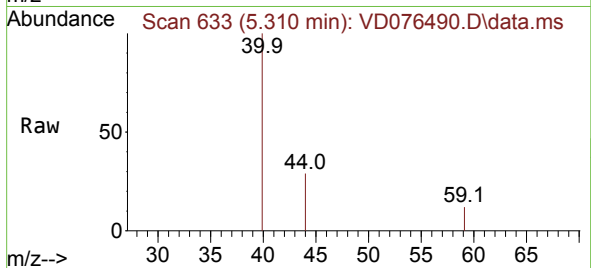
SB-03-0-2.0

Tgt Ion: 59 Resp: 58

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 3.682 ug/l

RT: 3.775 min Scan# 372

Delta R.T. -0.018 min

Lab File: VD076490.D

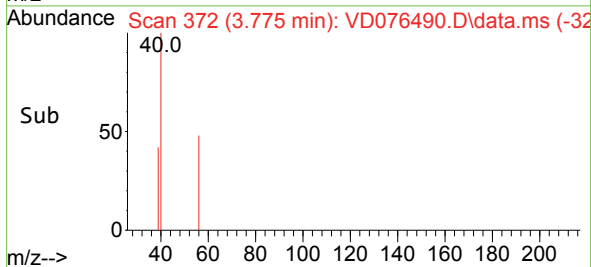
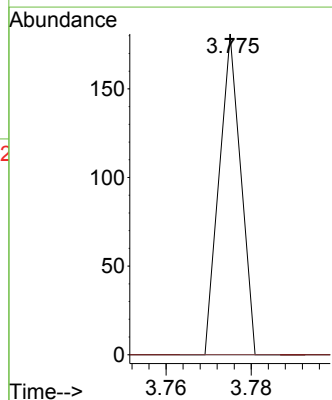
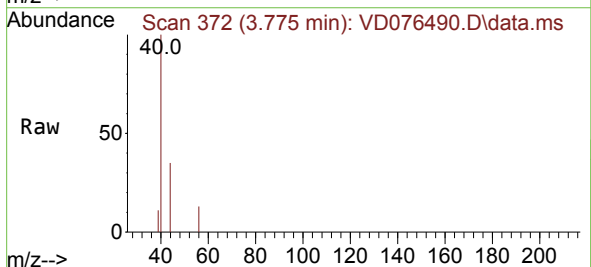
Acq: 20 Jun 2023 14:16

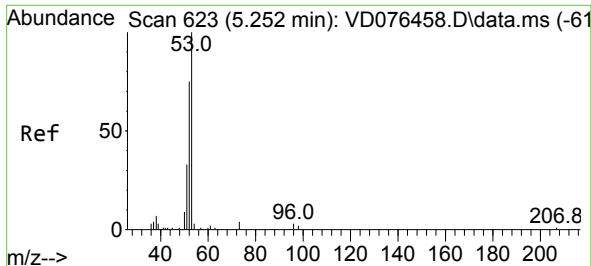
Tgt Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 0.0 55.1 82.7#

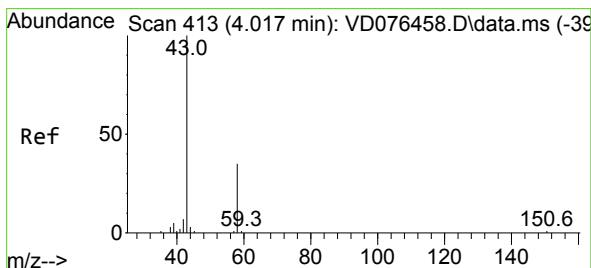
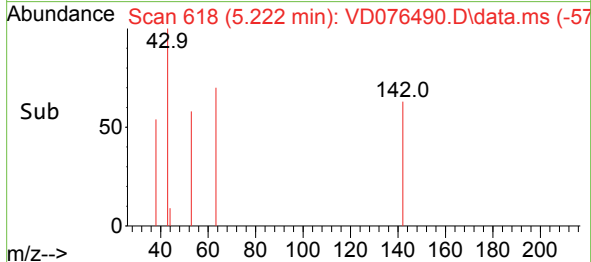
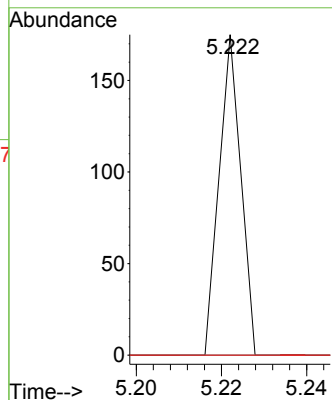
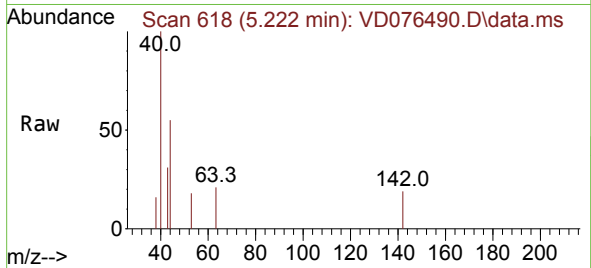




#15
Acrylonitrile
Concen: 1.184 ug/l
RT: 5.222 min Scan# 618
Delta R.T. -0.030 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

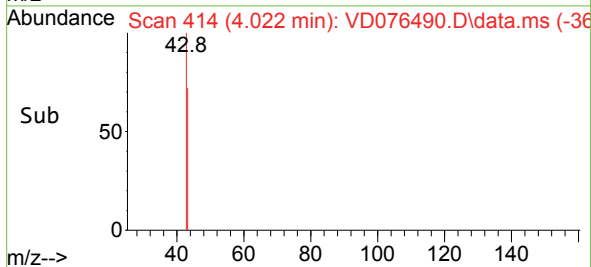
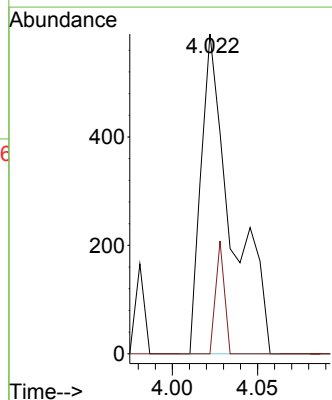
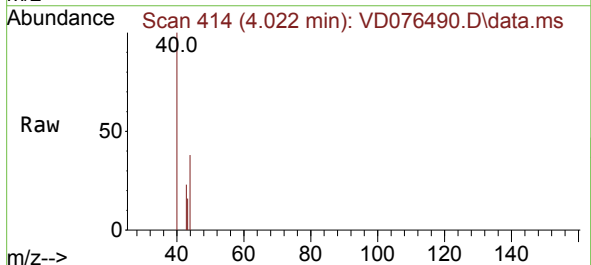
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

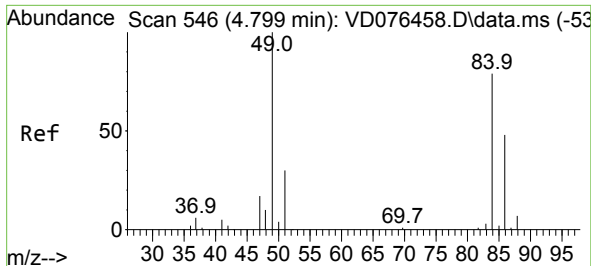
Tgt Ion: 53 Resp: 62
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.4#
51 0.0 28.3 42.5#



#16
Acetone
Concen: 16.503 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

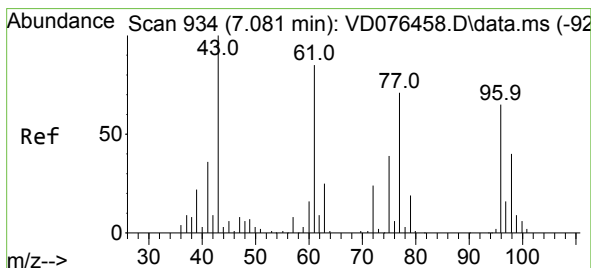
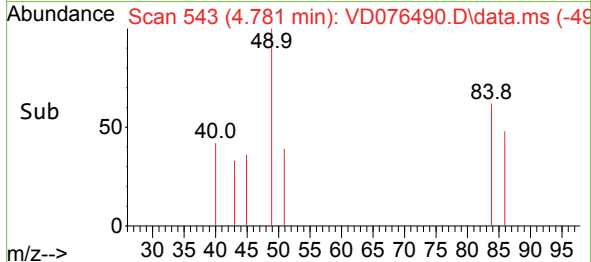
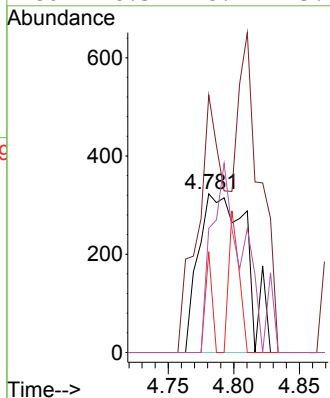
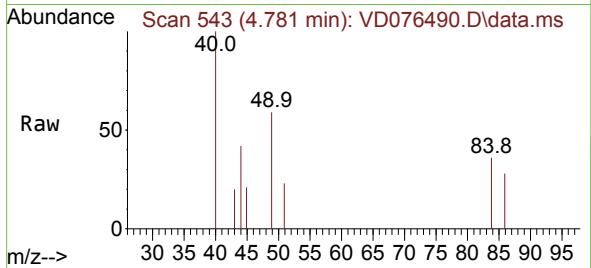




#20
Methylene Chloride
Concen: Below Cal
RT: 4.781 min Scan# 546
Delta R.T. -0.018 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

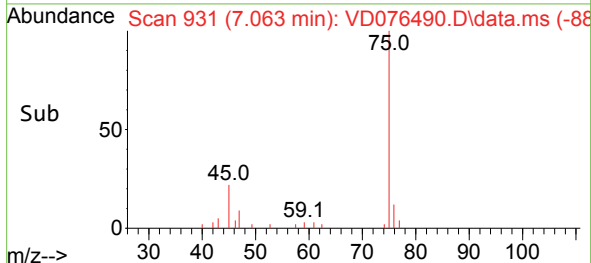
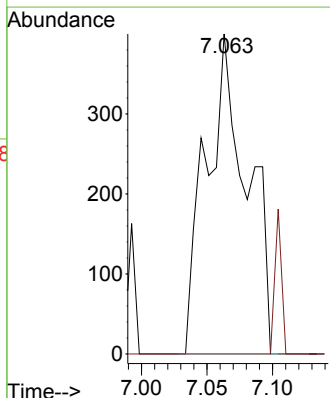
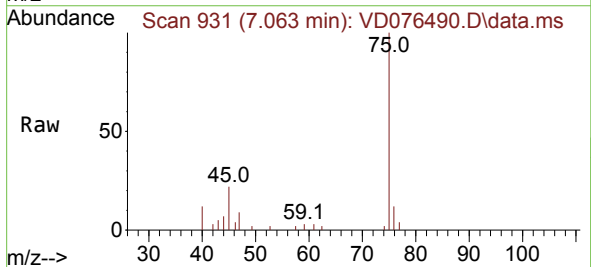
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

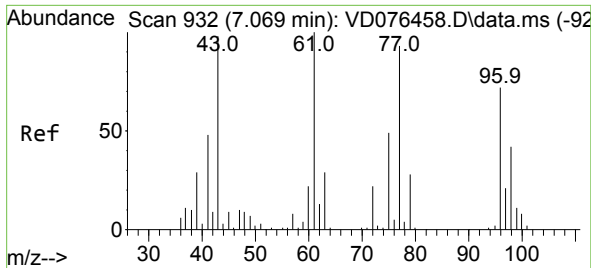
Tgt Ion: 84 Resp: 823
Ion Ratio Lower Upper
84 100
49 162.2 71.4 107.2#
51 63.5 24.5 36.7#
86 78.3 48.7 73.1#



#25
2-Butanone
Concen: 12.574 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#

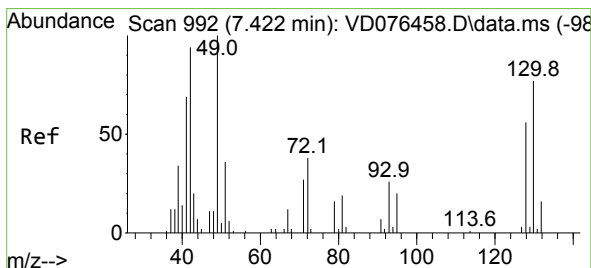
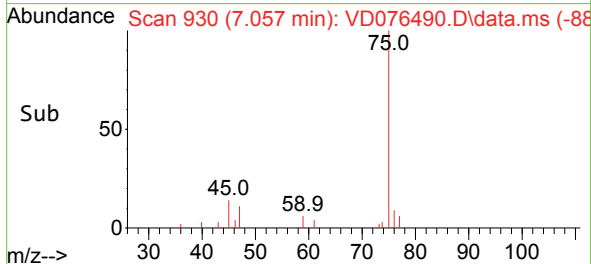
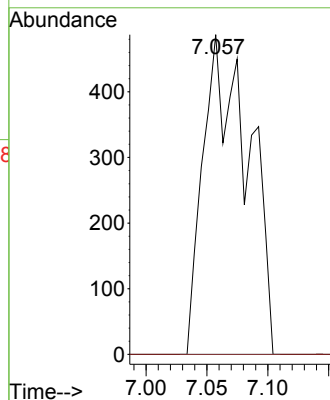
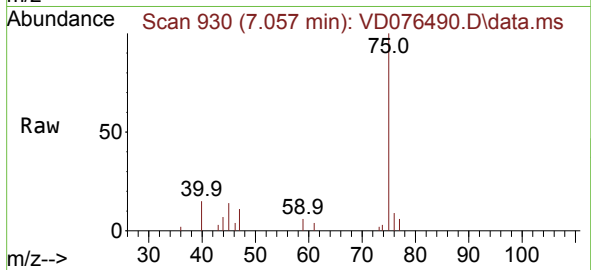




#26
2,2-Dichloropropane
Concen: 3.862 ug/l
RT: 7.057 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

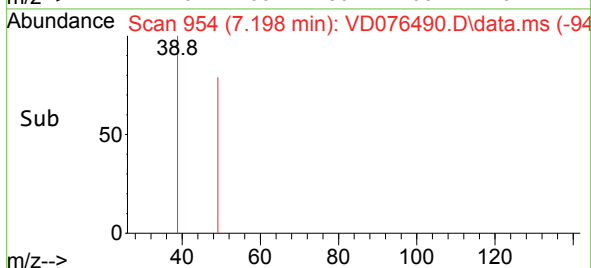
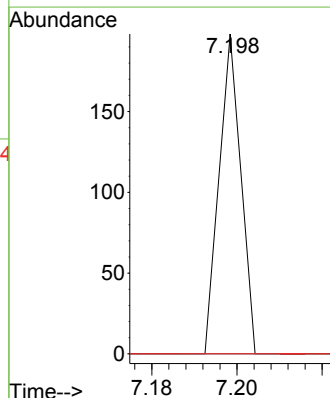
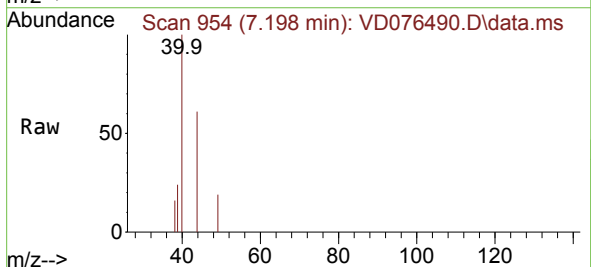
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

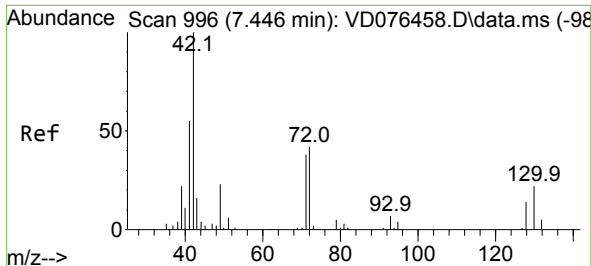
Tgt Ion: 77 Resp: 1255
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.198 min Scan# 954
Delta R.T. -0.224 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Tgt Ion: 49 Resp: 70
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#

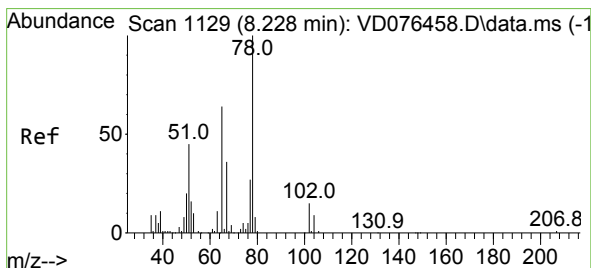
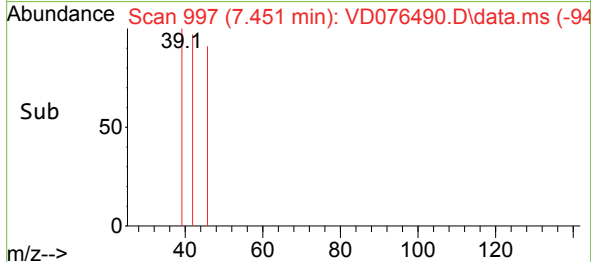
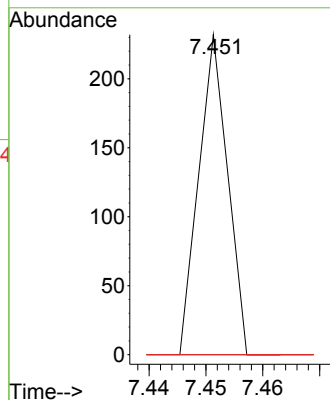
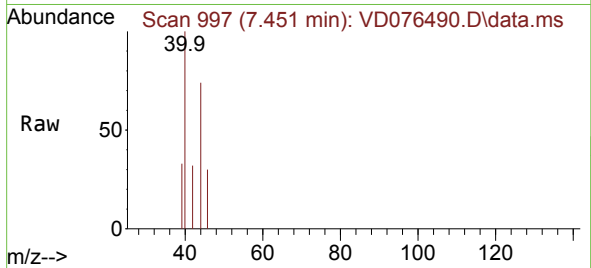




#29
Tetrahydrofuran
Concen: 1.855 ug/l
RT: 7.451 min Scan# 997
Delta R.T. 0.005 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

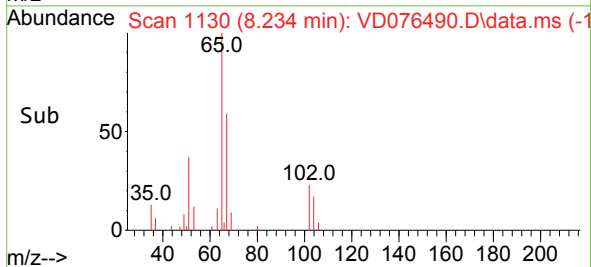
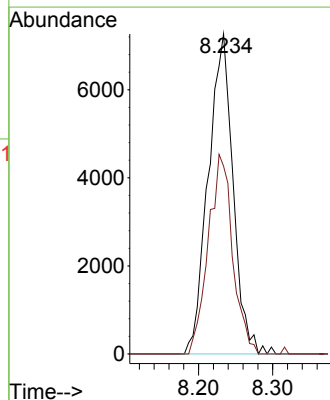
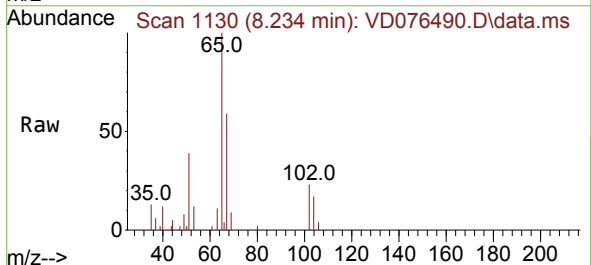
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

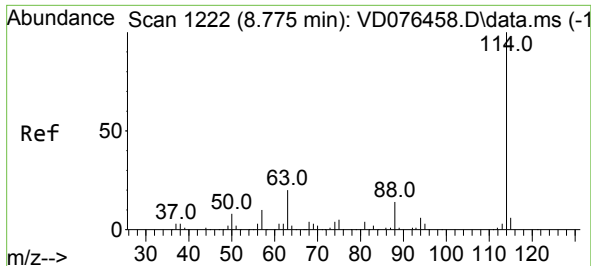
Tgt Ion: 42 Resp: 82
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 0.0 44.5 66.7#



#33
1,2-Dichloroethane-d4
Concen: 90.425 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Tgt Ion: 65 Resp: 16901
Ion Ratio Lower Upper
65 100
67 61.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076490.D

Acq: 20 Jun 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

SB-03-0-2.0

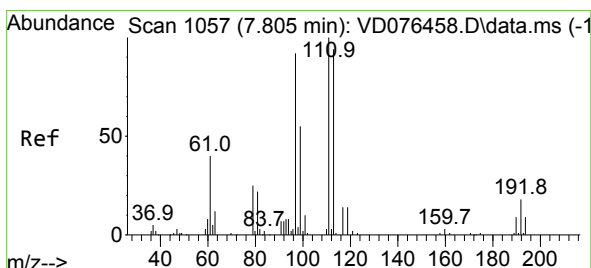
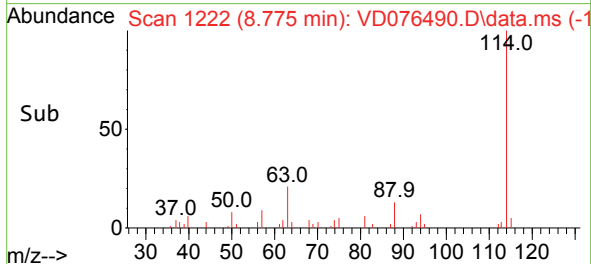
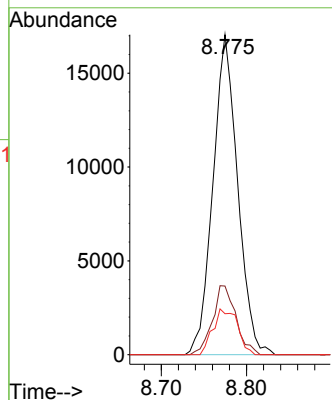
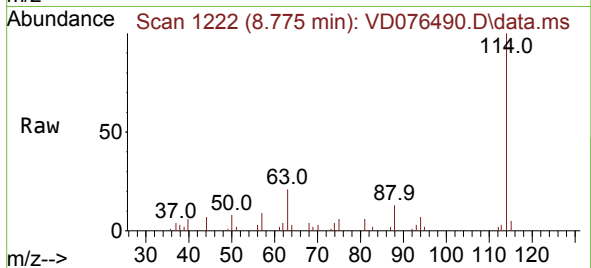
Tgt Ion:114 Resp: 34290

Ion Ratio Lower Upper

114 100

63 21.4 0.0 33.4

88 12.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 64.083 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076490.D

Acq: 20 Jun 2023 14:16

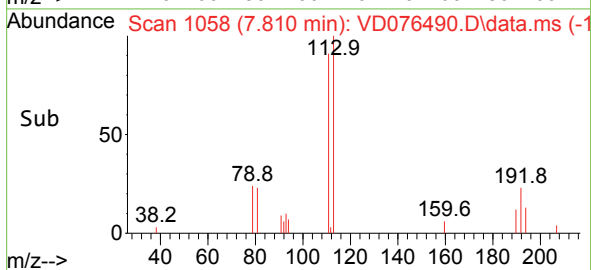
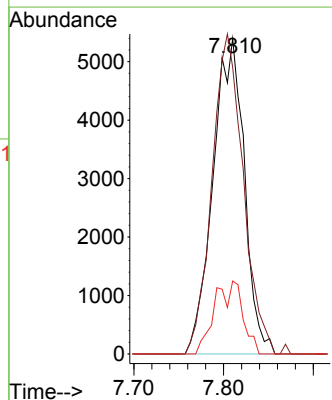
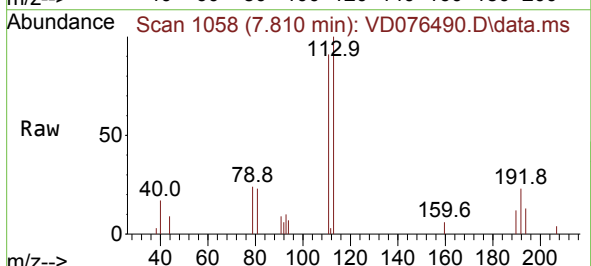
Tgt Ion:113 Resp: 13054

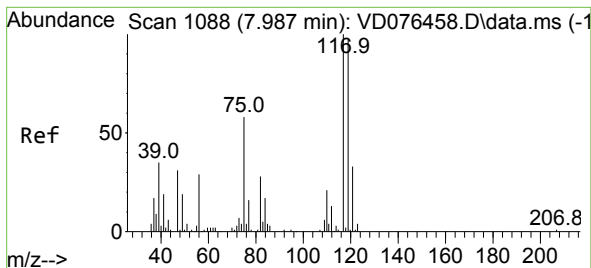
Ion Ratio Lower Upper

113 100

111 101.1 84.7 127.1

192 11.1 16.8 25.2#





#38

Carbon Tetrachloride

Concen: 7.064 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076490.D

Acq: 20 Jun 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

SB-03-0-2.0

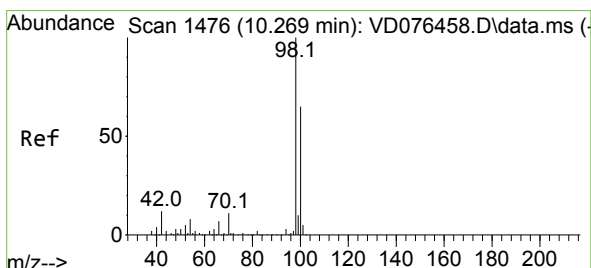
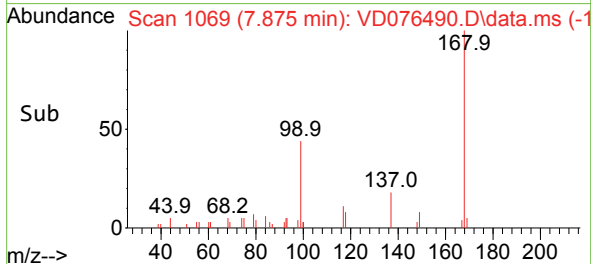
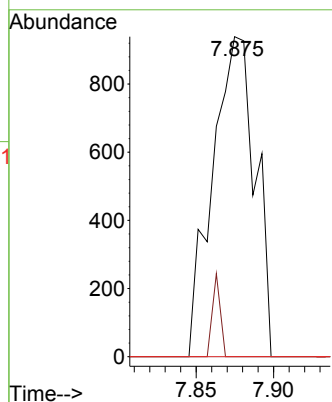
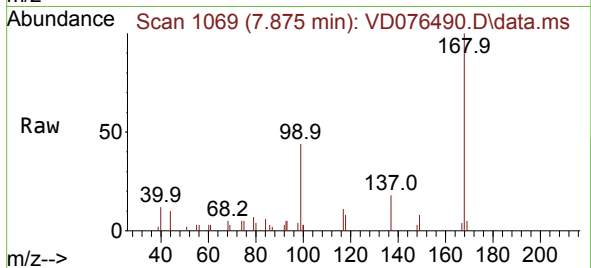
Tgt Ion:117 Resp: 1801

Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.808 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076490.D

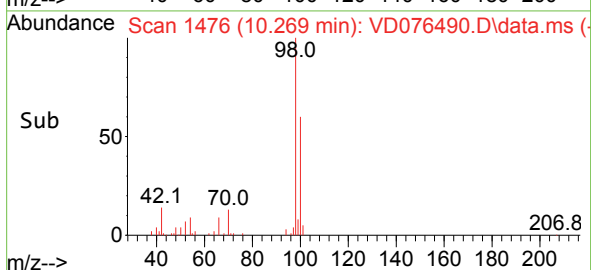
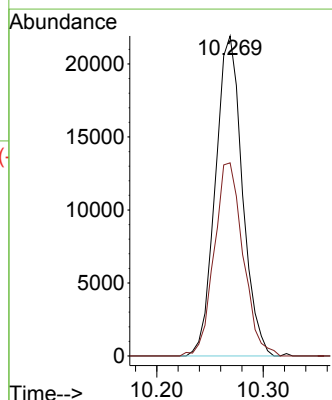
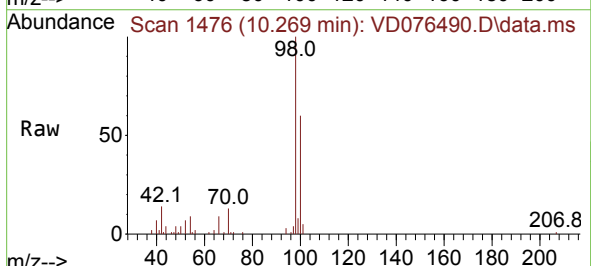
Acq: 20 Jun 2023 14:16

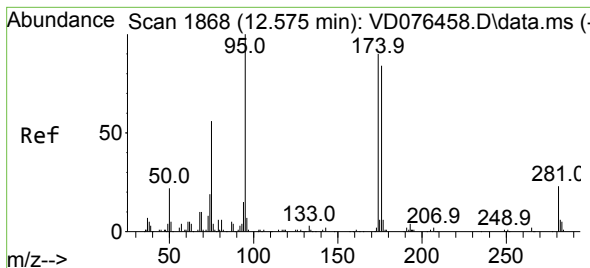
Tgt Ion: 98 Resp: 38479

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

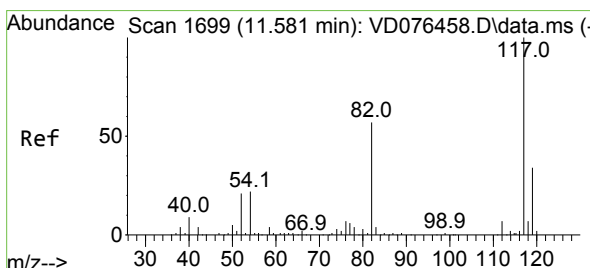
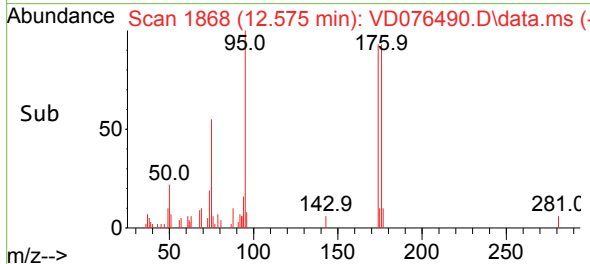
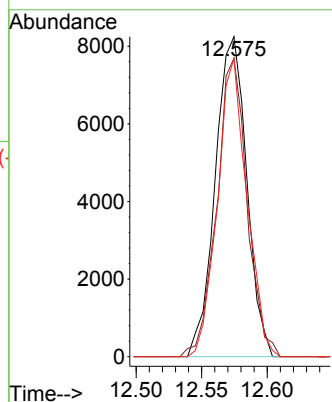
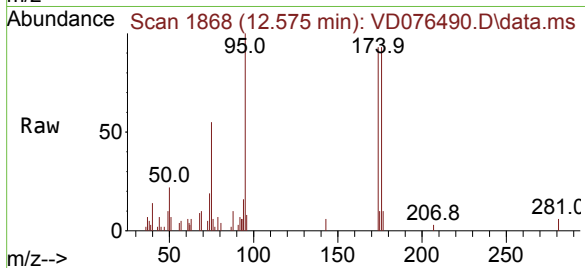




#62
4-Bromofluorobenzene
Concen: 54.829 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

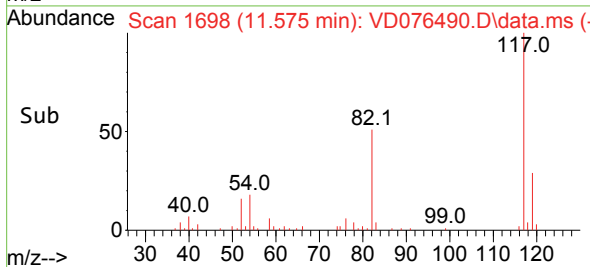
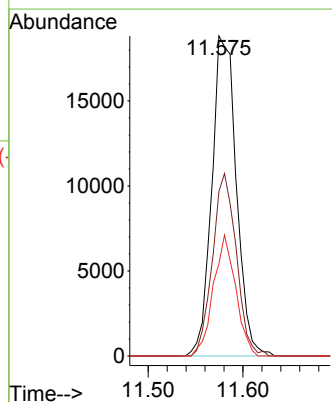
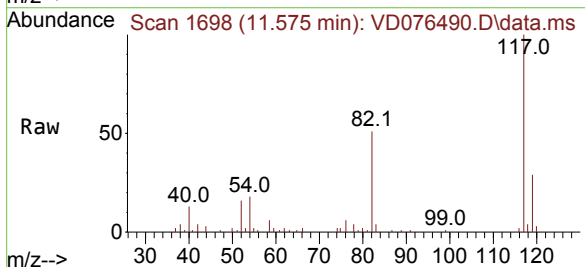
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

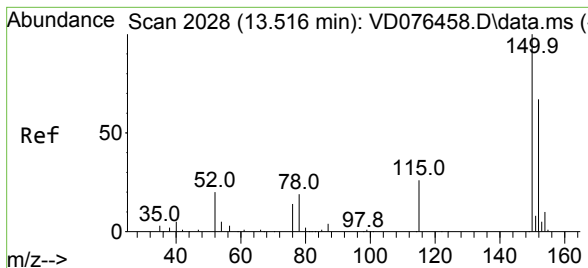
Tgt Ion:	95	Resp:	13747
Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	201.8
176	86.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Tgt Ion:	117	Resp:	33898
Ion	Ratio	Lower	Upper
117	100		
82	51.4	38.3	57.5
119	28.7	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD076490.D

Acq: 20 Jun 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

SB-03-0-2.0

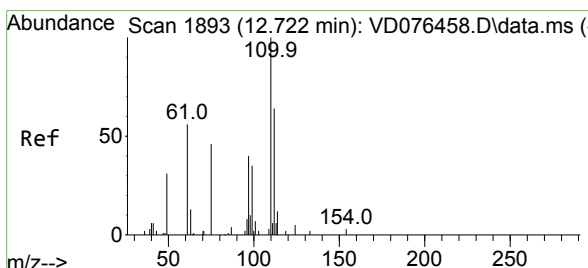
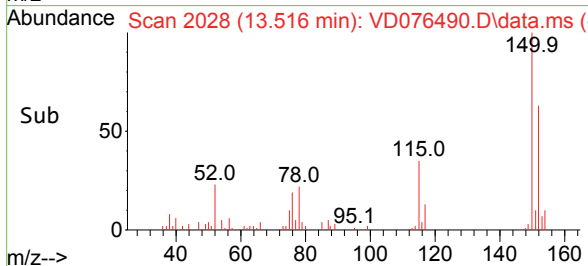
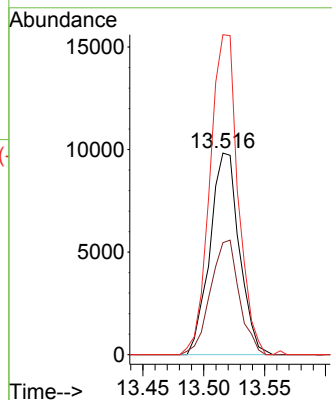
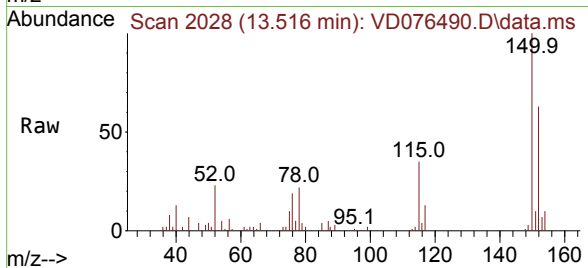
Tgt Ion:152 Resp: 16509

Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 151.9 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 44.413 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076490.D

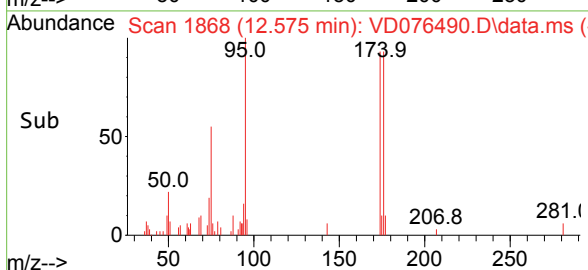
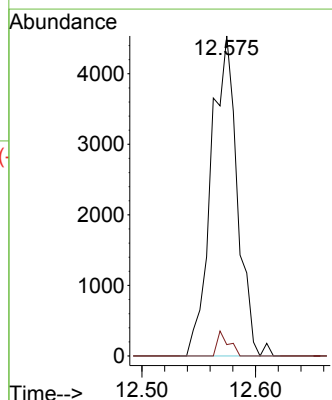
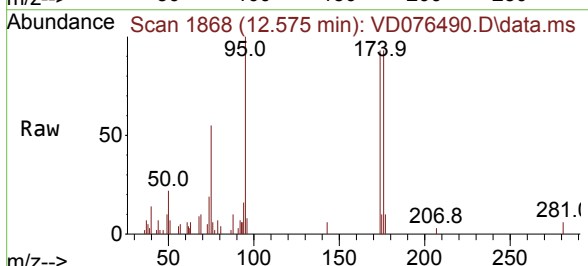
Acq: 20 Jun 2023 14:16

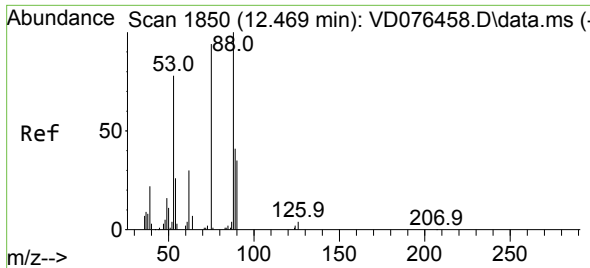
Tgt Ion: 75 Resp: 7277

Ion Ratio Lower Upper

75 100

77 3.4 0.0 0.0#

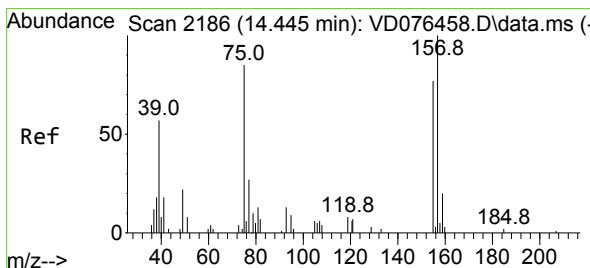
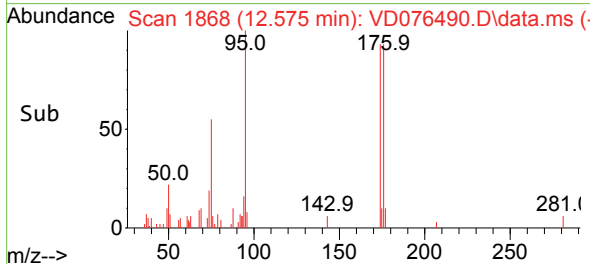
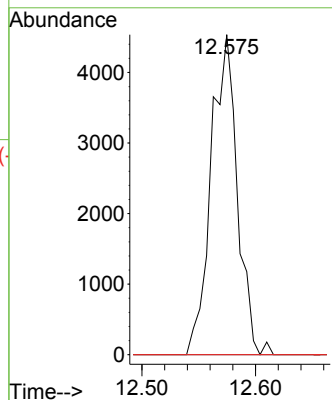
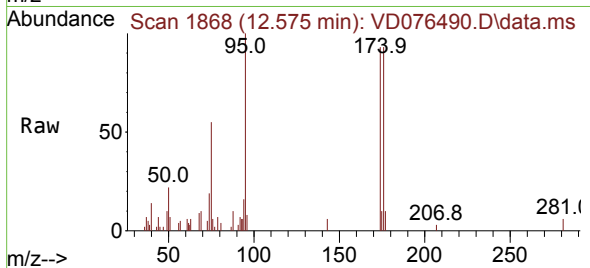




#81
trans-1,4-Dichloro-2-butene
Concen: 97.319 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

Tgt Ion: 75 Resp: 7277
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.564 ug/l
RT: 14.163 min Scan# 2138
Delta R.T. -0.283 min
Lab File: VD076490.D
Acq: 20 Jun 2023 14:16

Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
155 0.0 47.9 143.8#
157 0.0 59.9 179.7#

