

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012598.D
 Acq On : 14 Feb 2023 19:19
 Operator : KP/MD
 Sample : 01552-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-4.0-6.0

Quant Time: Feb 15 01:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

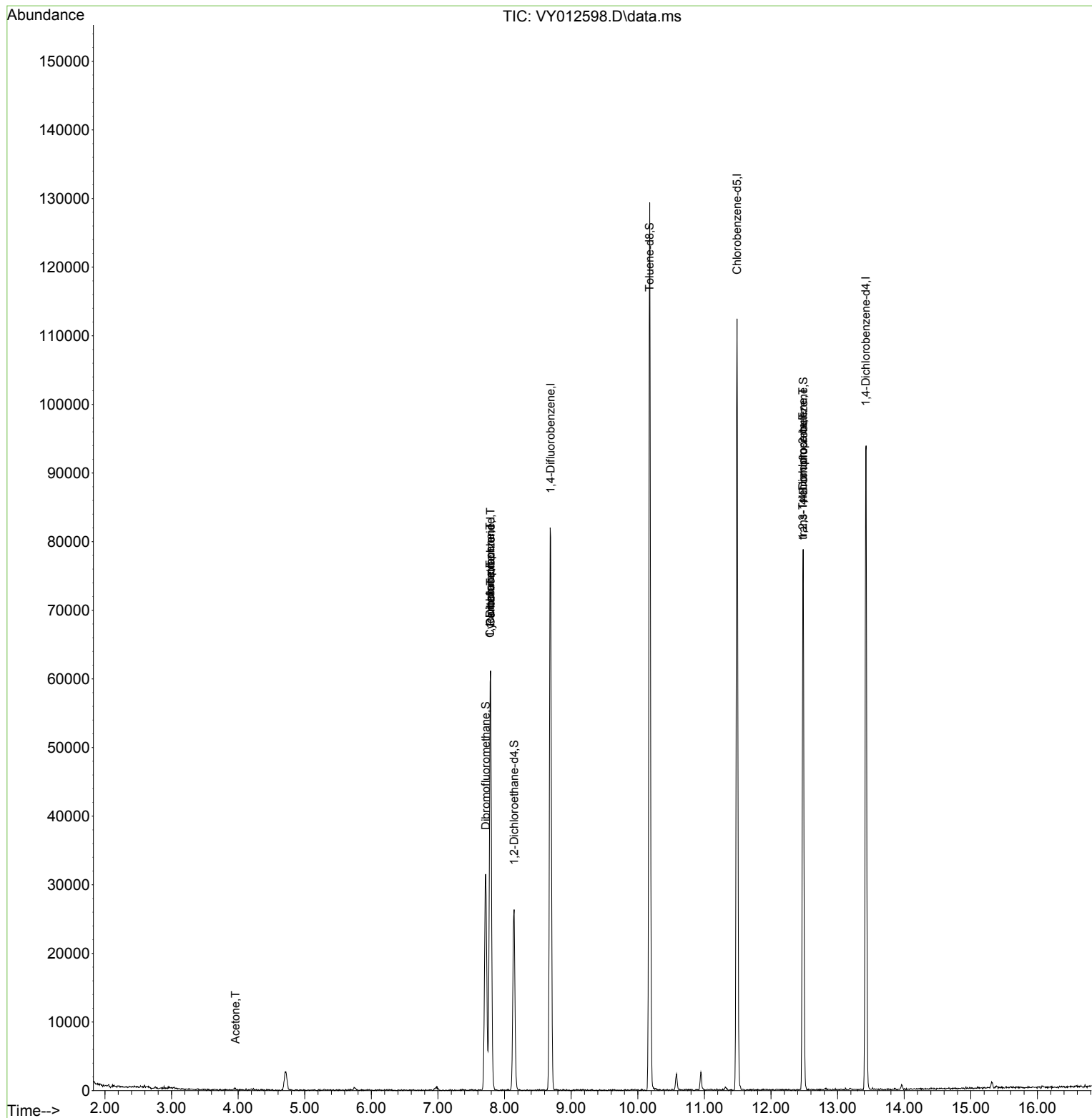
Internal Standards						
1) Pentafluorobenzene	7.789	168	48889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	76131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	67053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	22612	36.372	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	72.740%		
35) Dibromofluoromethane	7.716	113	21661	39.069	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.140%		
50) Toluene-d8	10.179	98	88035	38.148	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	76.300%		
62) 4-Bromofluorobenzene	12.483	95	22851	28.389	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	56.780%		
Target Compounds						
5) Bromomethane	2.656	94	23	Below Cal	#	57
16) Acetone	3.960	43	367	2.453	ug/l #	84
20) Methylene Chloride	4.716	84	2270	Below Cal		92
31) Cyclohexane	7.783	56	870	1.210	ug/l #	47
36) 1,1-Dichloropropene	7.783	75	3093	4.122	ug/l #	52
38) Carbon Tetrachloride	7.789	117	4736	4.702	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	12409	40.299	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	12409	90.877	ug/l #	12

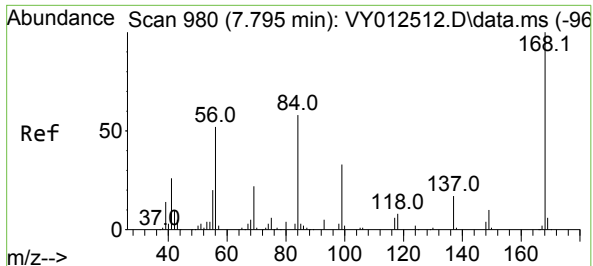
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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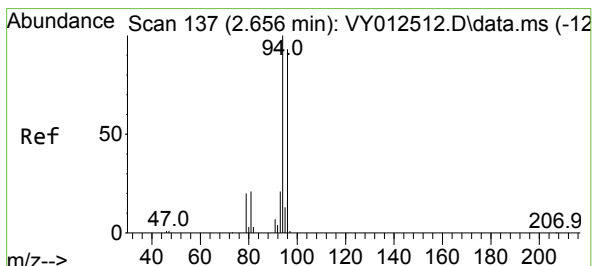
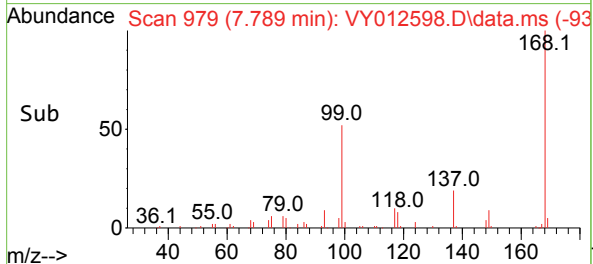
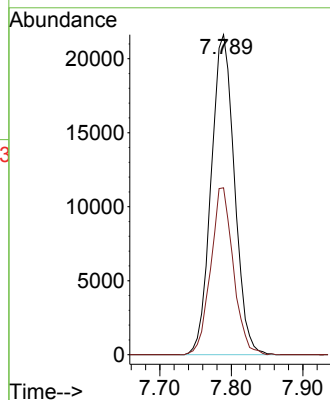
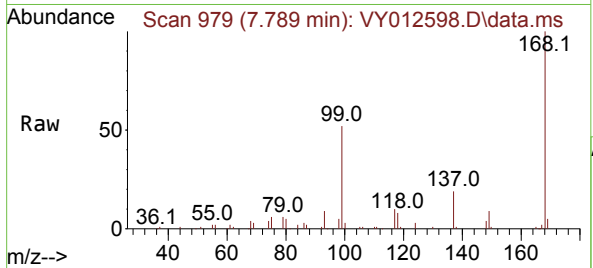




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

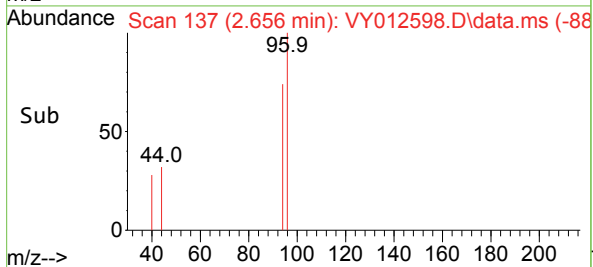
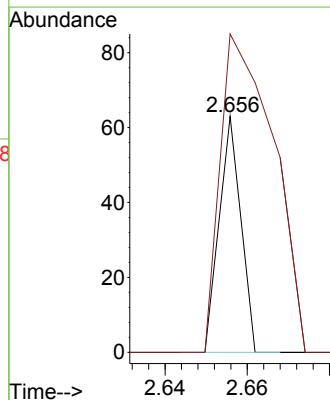
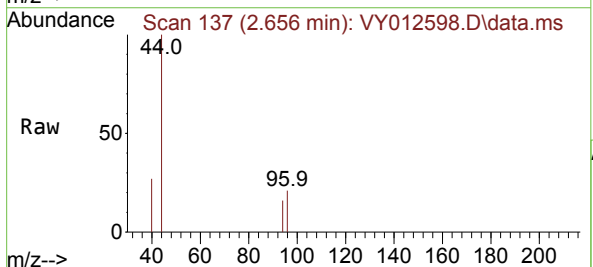
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-4.0-6.0

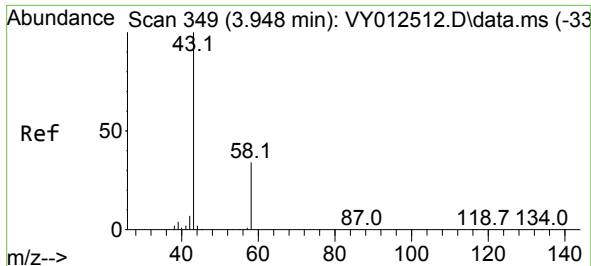
Tgt Ion:168 Resp: 48889
Ion Ratio Lower Upper
168 100
99 52.2 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

Tgt Ion: 94 Resp: 23
Ion Ratio Lower Upper
94 100
96 134.9 74.7 112.1#





#16

Acetone

Concen: 2.453 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY012598.D

Acq: 14 Feb 2023 19:19

Instrument :

MSVOA_Y

ClientSampleId :

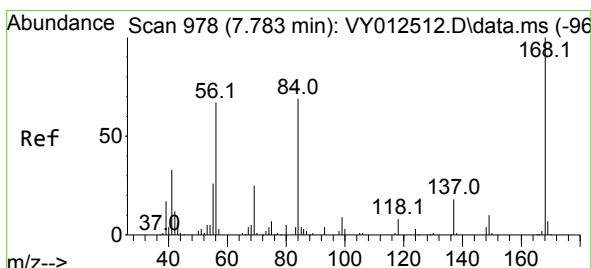
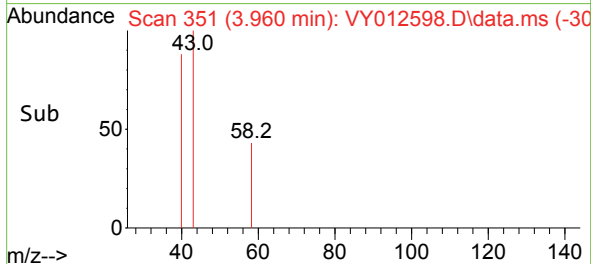
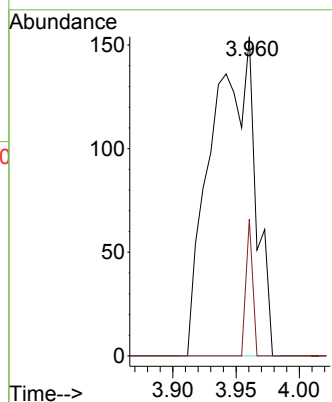
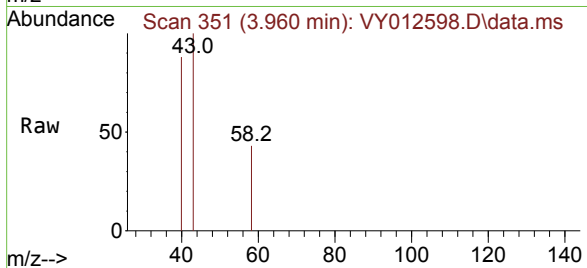
SB-05-4.0-6.0

Tgt Ion: 43 Resp: 367

Ion Ratio Lower Upper

43 100

58 42.9 27.1 40.7#



#31

Cyclohexane

Concen: 1.210 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY012598.D

Acq: 14 Feb 2023 19:19

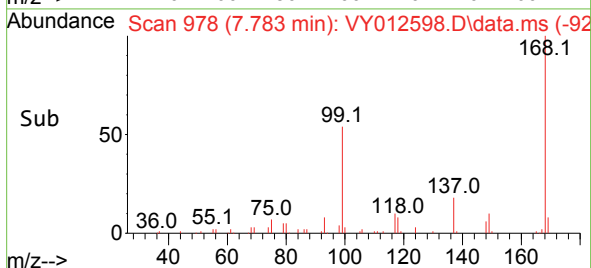
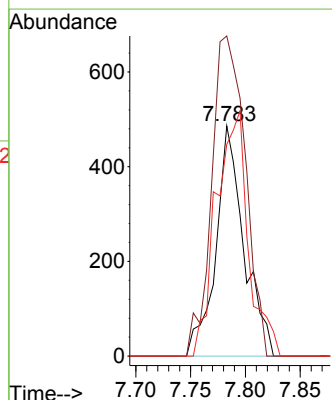
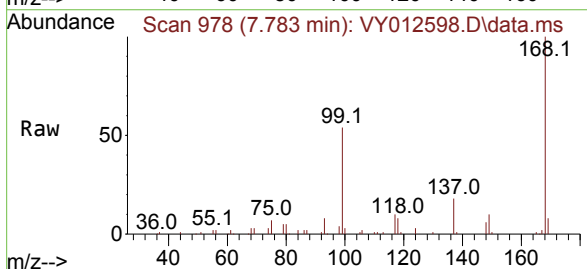
Tgt Ion: 56 Resp: 870

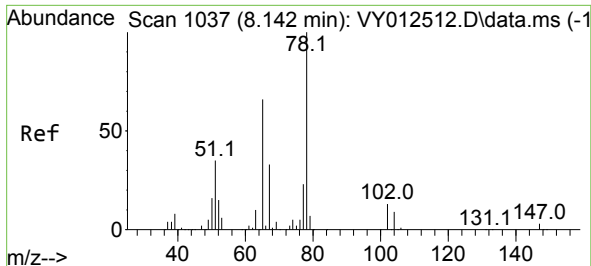
Ion Ratio Lower Upper

56 100

69 139.1 29.5 44.3#

84 92.0 81.9 122.9





#33

1,2-Dichloroethane-d4

Concen: 36.372 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY012598.D

Acq: 14 Feb 2023 19:19

Instrument :

MSVOA_Y

ClientSampleId :

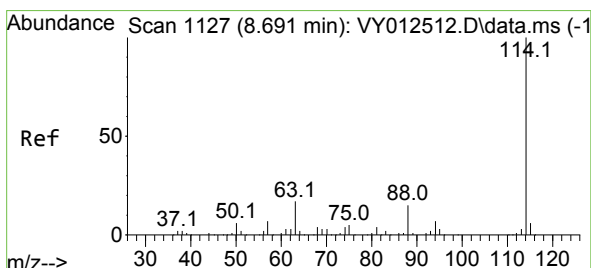
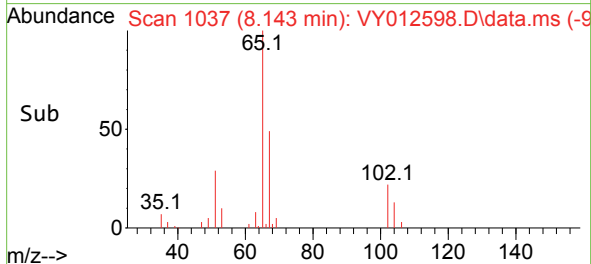
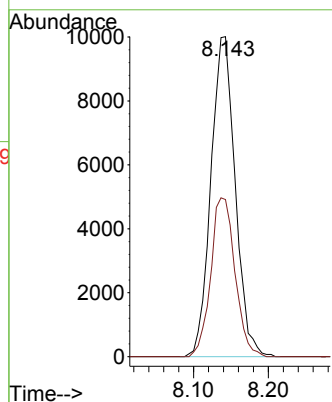
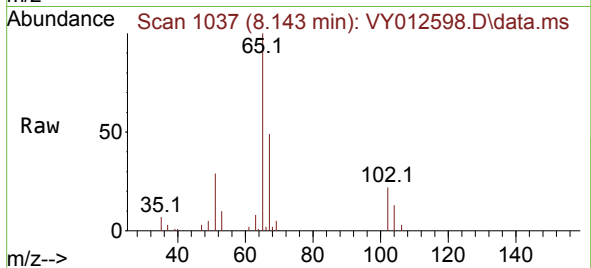
SB-05-4.0-6.0

Tgt Ion: 65 Resp: 22612

Ion Ratio Lower Upper

65 100

67 49.6 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012598.D

Acq: 14 Feb 2023 19:19

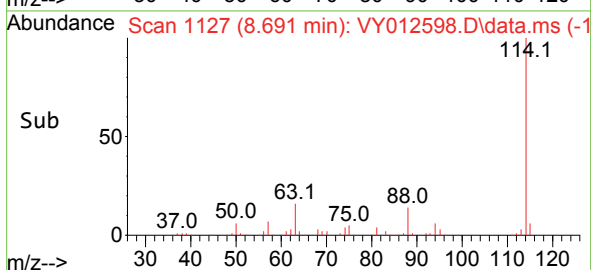
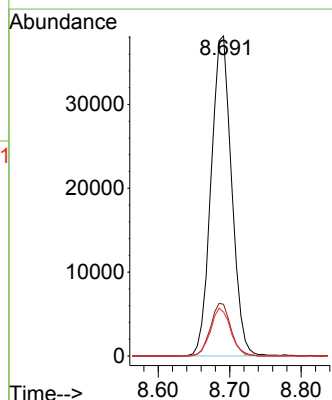
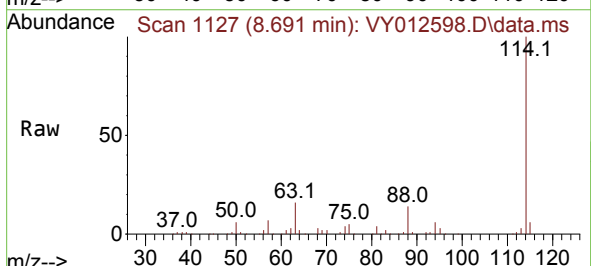
Tgt Ion: 114 Resp: 76131

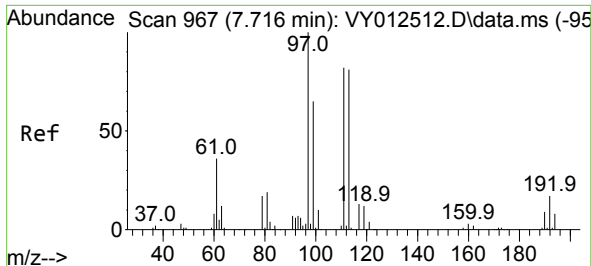
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.6

88 13.7 0.0 29.8

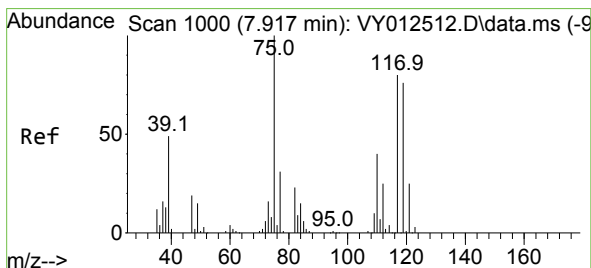
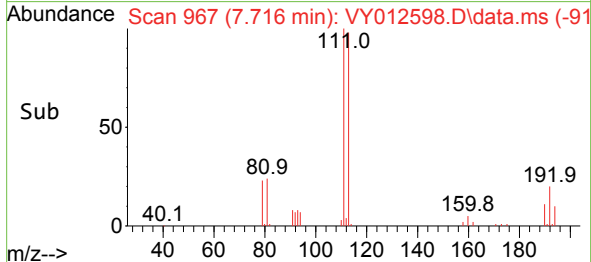
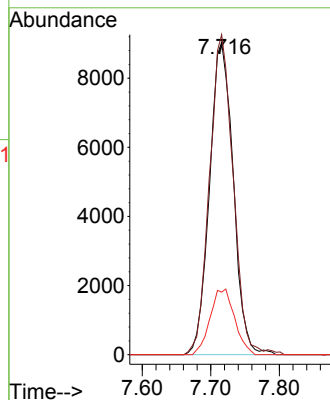
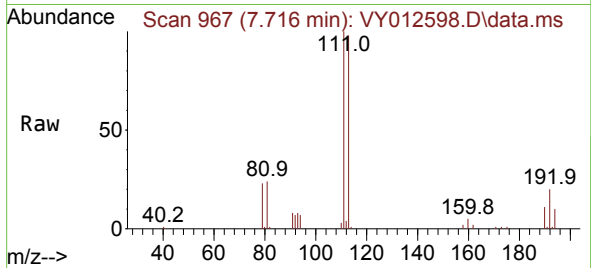




#35
Dibromofluoromethane
Concen: 39.069 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

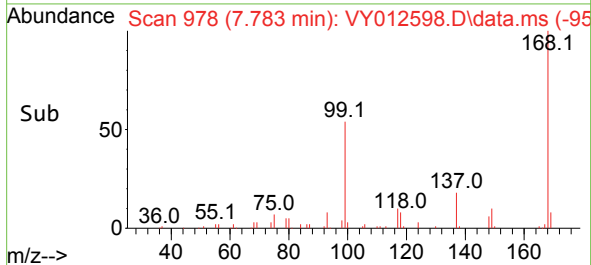
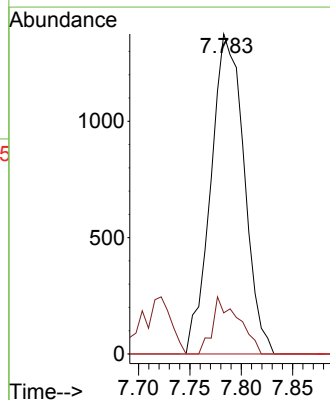
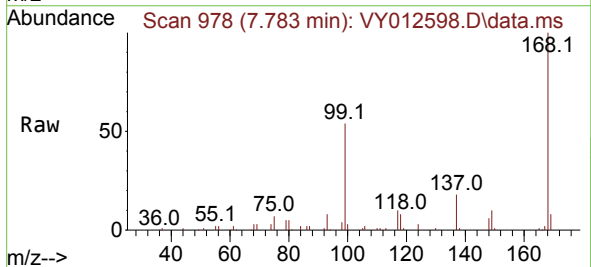
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-4.0-6.0

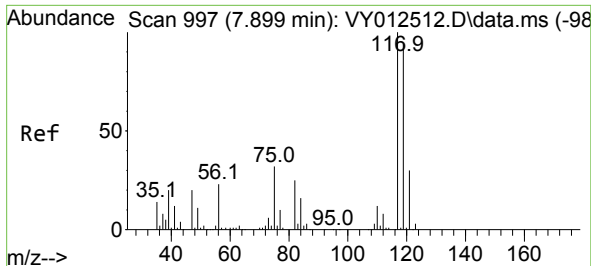
Tgt Ion:113 Resp: 21661
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 21.8 17.5 26.3



#36
1,1-Dichloropropene
Concen: 4.122 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

Tgt Ion: 75 Resp: 3093
Ion Ratio Lower Upper
75 100
110 14.1 19.5 58.5#
77 0.0 24.9 37.3#

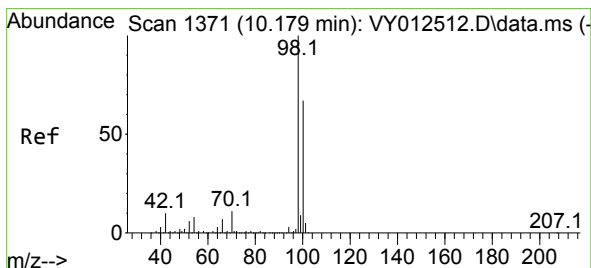
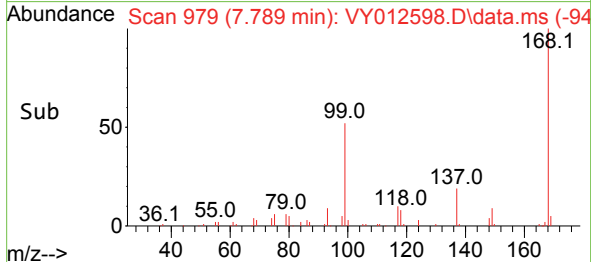
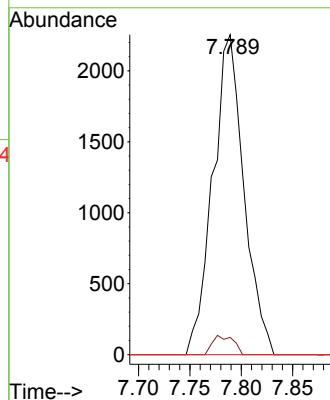
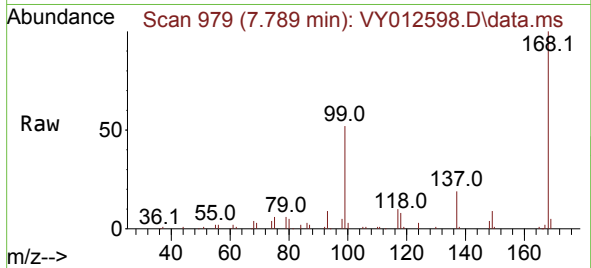




#38
Carbon Tetrachloride
Concen: 4.702 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

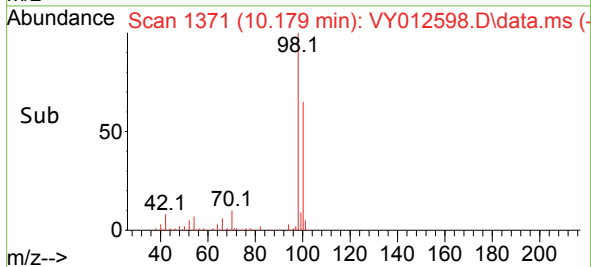
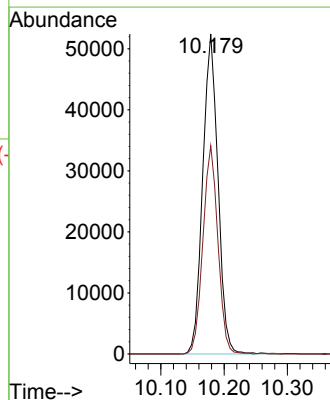
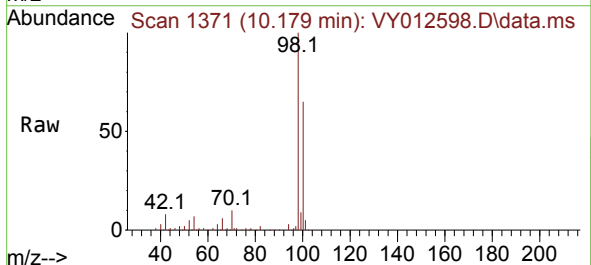
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ClientSampleId :
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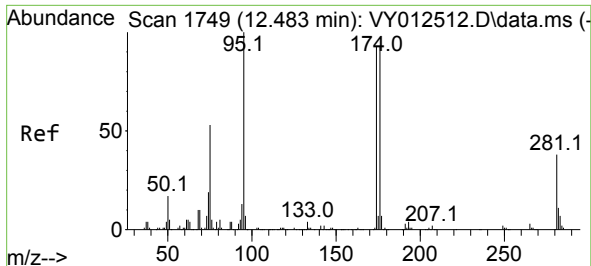
Tgt Ion:117 Resp: 4736
Ion Ratio Lower Upper
117 100
119 5.4 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 38.148 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

Tgt Ion: 98 Resp: 88035
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2

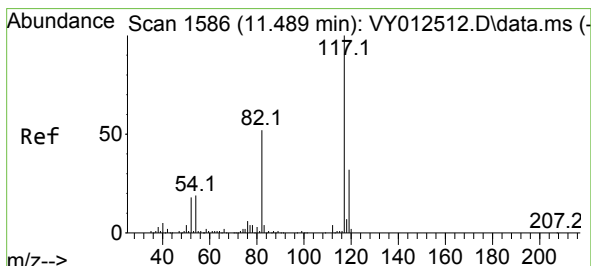
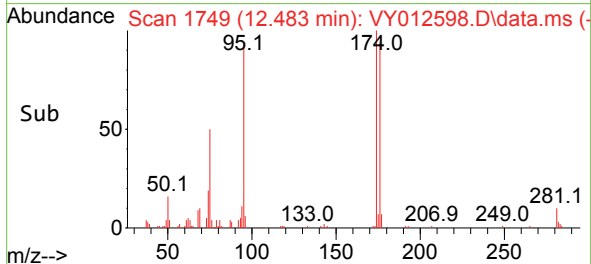
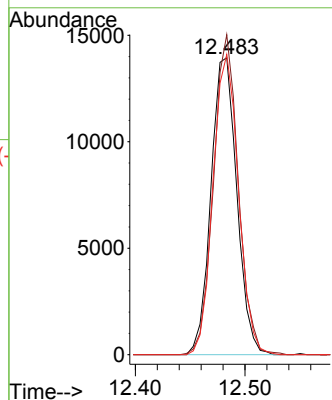
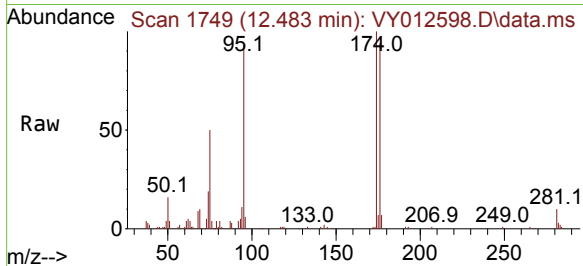




#62
4-Bromofluorobenzene
Concen: 28.389 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

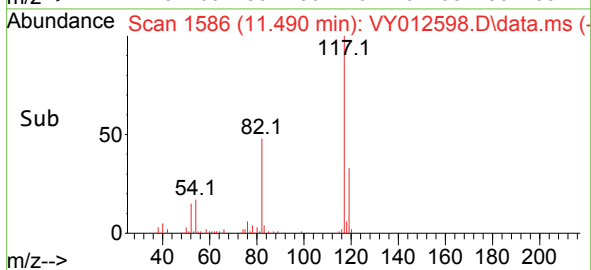
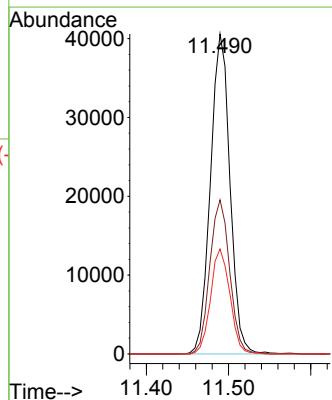
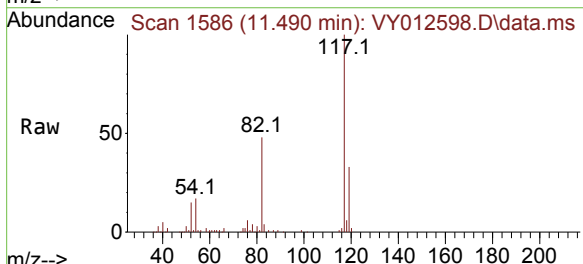
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MSVOA_Y
ClientSampleId :
SB-05-4.0-6.0

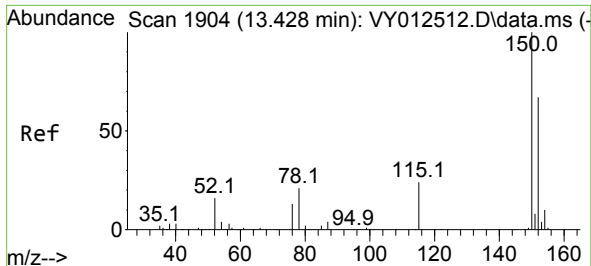
Tgt Ion:	95	Resp:	22851
Ion Ratio	Lower	Upper	
95	100		
174	103.3	0.0	188.0
176	99.6	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

Tgt Ion:	117	Resp:	67053
Ion Ratio	Lower	Upper	
117	100		
82	48.2	41.7	62.5
119	32.8	25.8	38.8

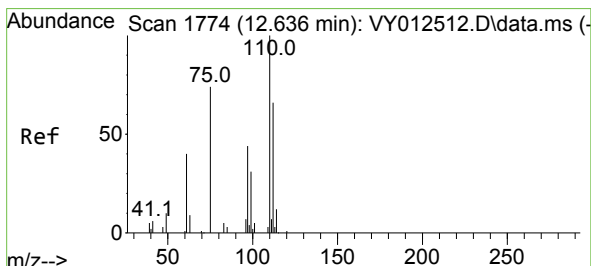
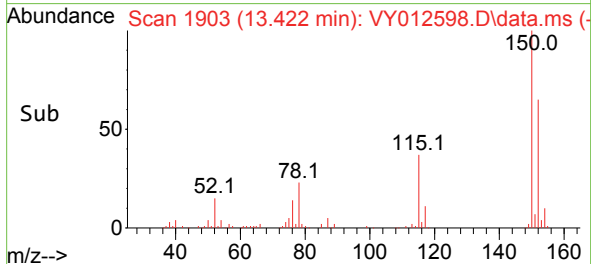
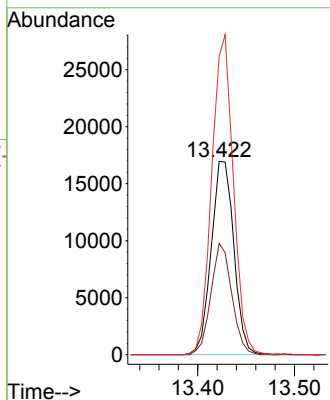
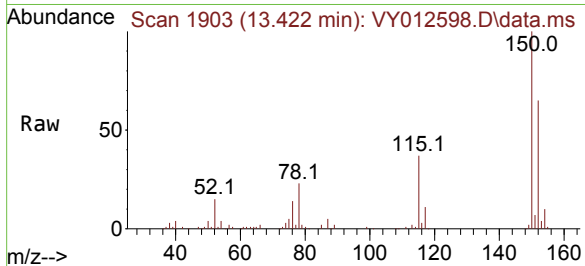




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY012598.D
 Acq: 14 Feb 2023 19:19

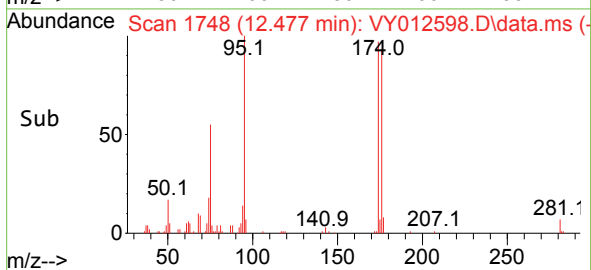
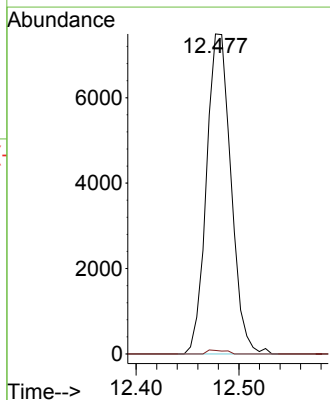
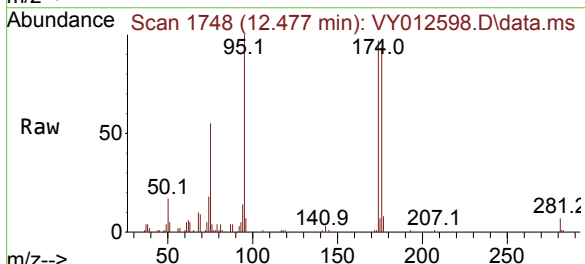
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-4.0-6.0

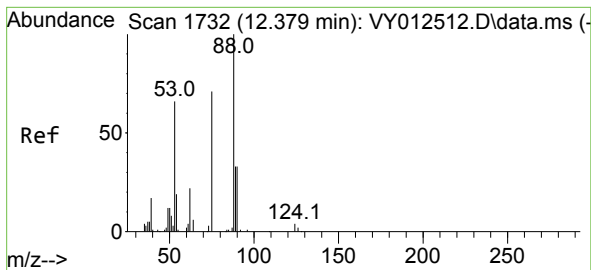
Tgt Ion:152 Resp: 27561
 Ion Ratio Lower Upper
 152 100
 115 53.1 28.1 84.3
 150 157.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 40.299 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY012598.D
 Acq: 14 Feb 2023 19:19

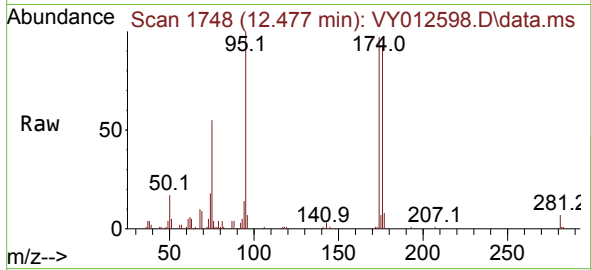
Tgt Ion: 75 Resp: 12409
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.877 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY012598.D
 Acq: 14 Feb 2023 19:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-4.0-6.0



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.1	109.7#
89	0.0	39.9	59.9#

