

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022423\
 Data File : VY012724.D
 Acq On : 24 Feb 2023 15:55
 Operator : KP/MD
 Sample : 01611-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-26-SB02

Quant Time: Feb 25 00:50:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

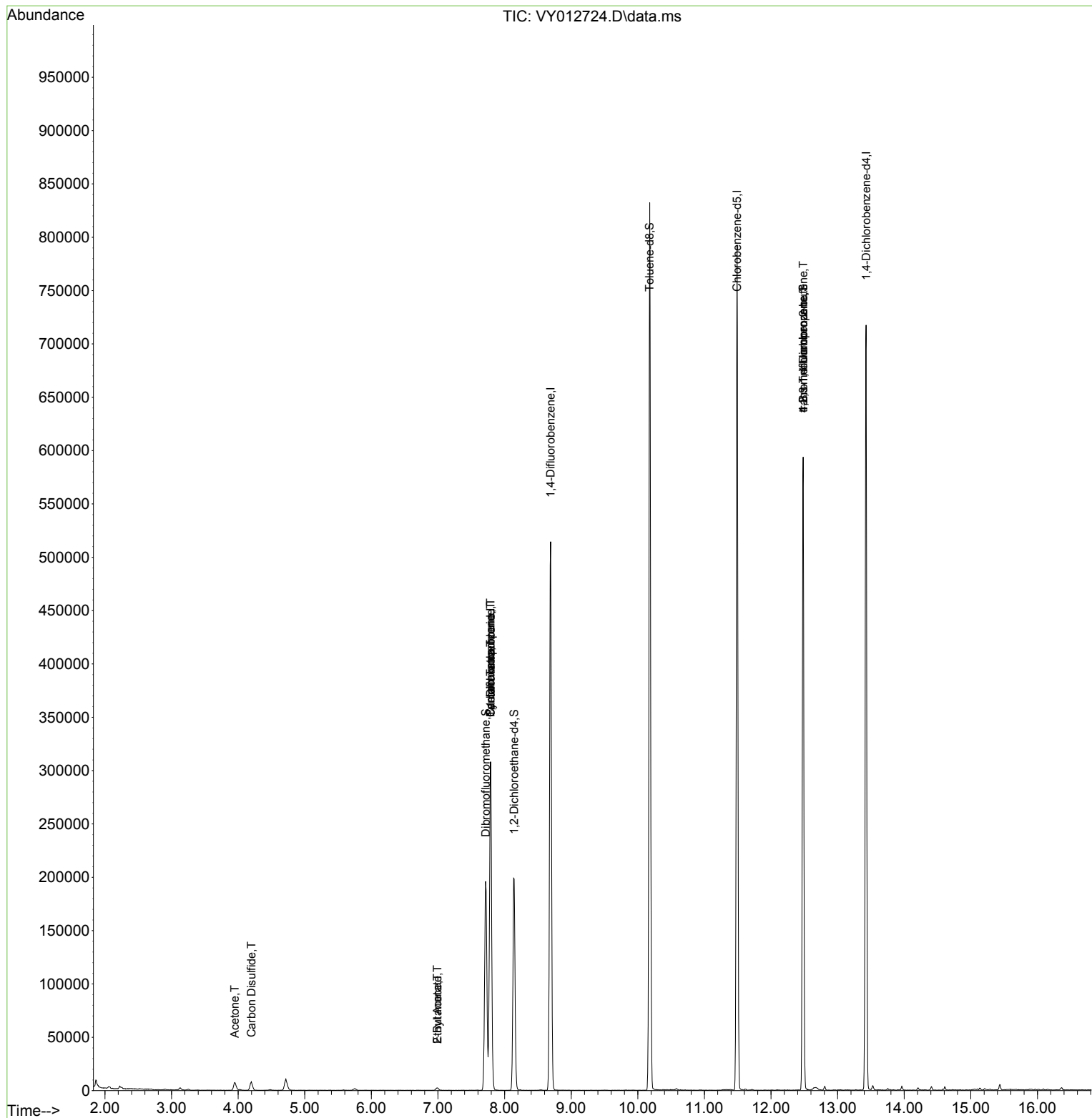
Internal Standards						
1) Pentafluorobenzene	7.789	168	238505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	431086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	408027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151526	53.793	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.580%			
35) Dibromofluoromethane	7.716	113	137508	47.226	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.460%			
50) Toluene-d8	10.179	98	516414	47.341	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.680%			
62) 4-Bromofluorobenzene	12.483	95	171064	49.005	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.000%			
Target Compounds						
3) Chloromethane	2.119	50	203	Below Cal	#	45
16) Acetone	3.948	43	13622	14.820	ug/l	97
17) Carbon Disulfide	4.198	76	15459	1.823	ug/l	97
20) Methylene Chloride	4.716	84	7020	Below Cal		97
25) 2-Butanone	6.990	43	3869	3.171	ug/l	95
31) Cyclohexane	7.789	56	5261	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	18117	3.925	ug/l #	50
37) Ethyl Acetate	6.990	43	3869	1.242	ug/l #	72
38) Carbon Tetrachloride	7.789	117	23006	4.821	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	92084	41.102	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	92084	87.074	ug/l #	10

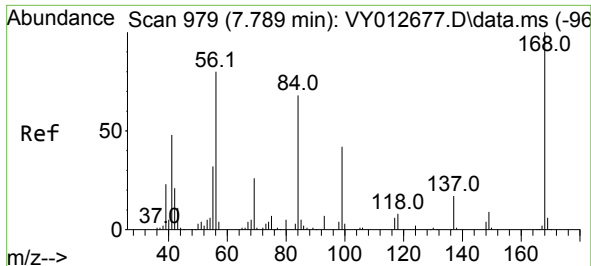
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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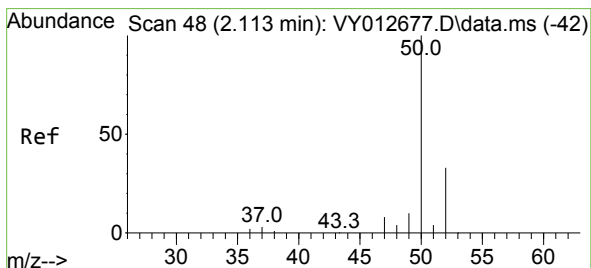
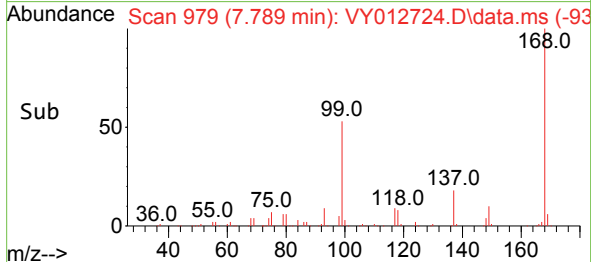
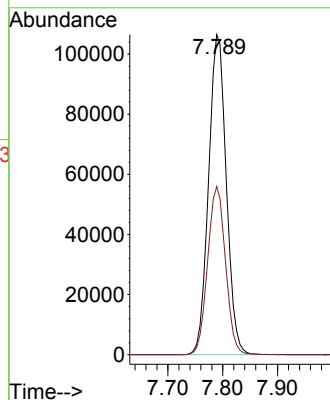
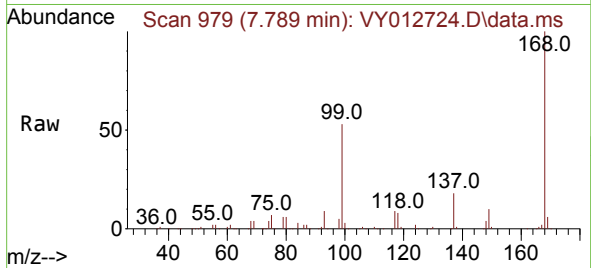




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

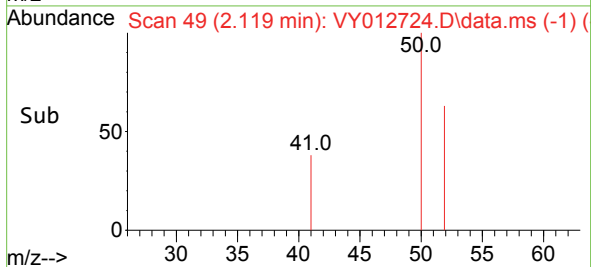
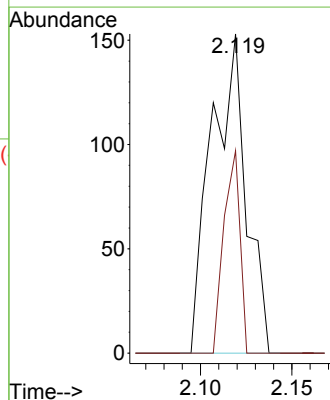
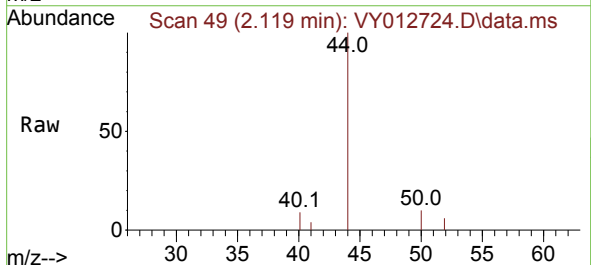
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

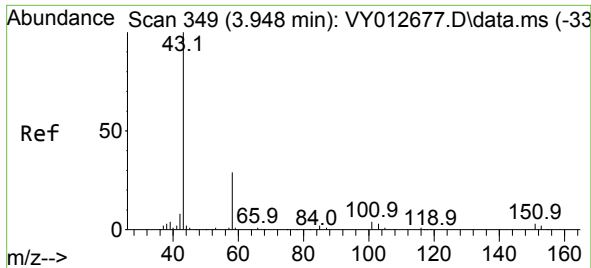
Tgt Ion:168 Resp: 238505
Ion Ratio Lower Upper
168 100
99 52.6 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

Tgt Ion: 50 Resp: 203
Ion Ratio Lower Upper
50 100
52 63.4 26.1 39.1#

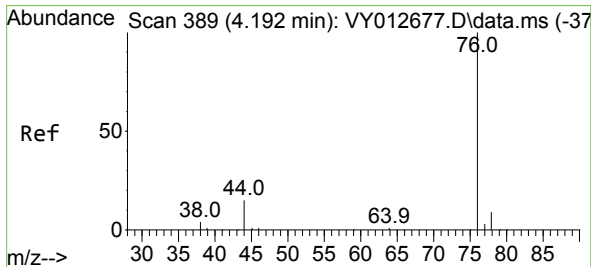
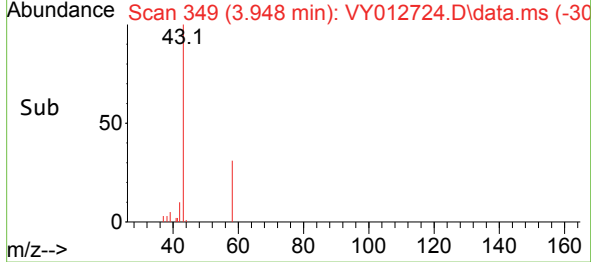
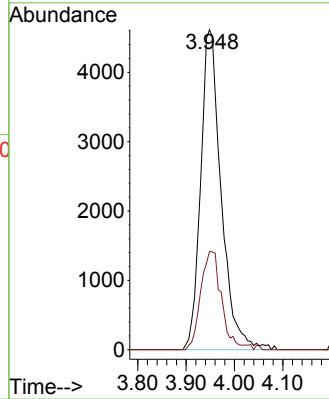
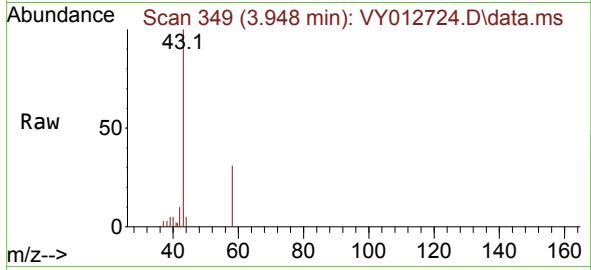




#16
Acetone
Concen: 14.820 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

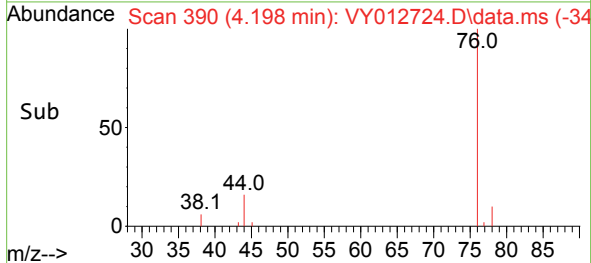
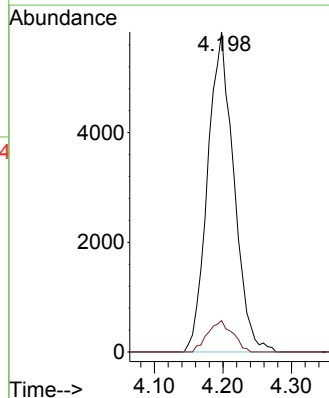
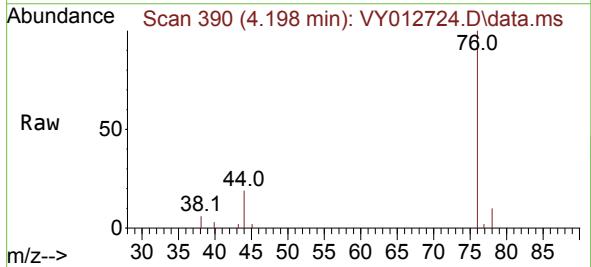
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

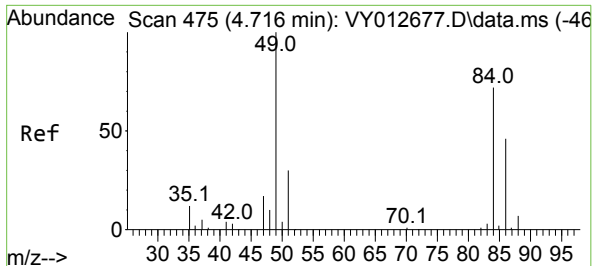
Tgt Ion: 43 Resp: 13622
Ion Ratio Lower Upper
43 100
58 30.7 23.3 34.9



#17
Carbon Disulfide
Concen: 1.823 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

Tgt Ion: 76 Resp: 15459
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012724.D

Acq: 24 Feb 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

B-26-SB02

Tgt Ion: 84 Resp: 7020

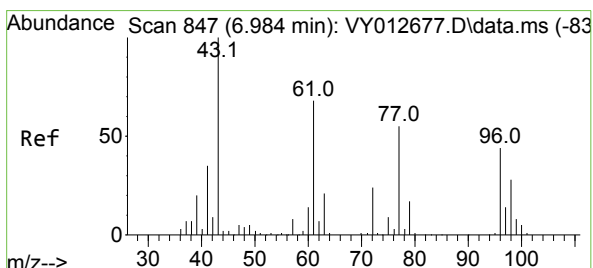
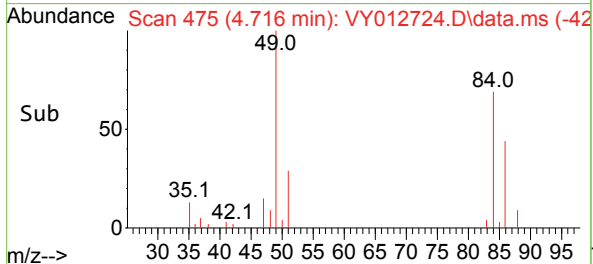
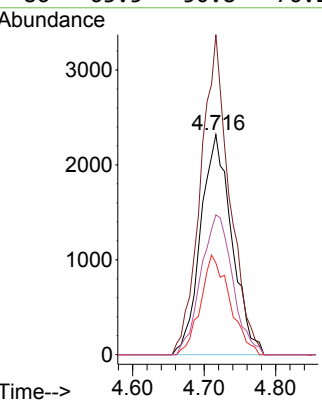
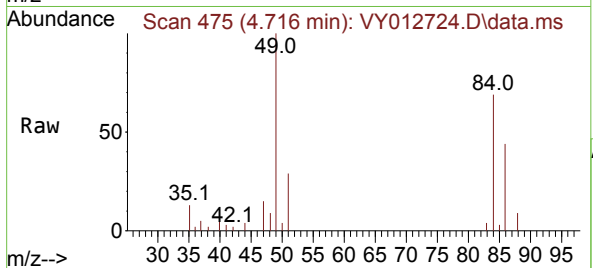
Ion Ratio Lower Upper

84 100

49 145.4 111.1 166.7

51 41.7 33.5 50.3

86 63.5 50.8 76.2



#25

2-Butanone

Concen: 3.171 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY012724.D

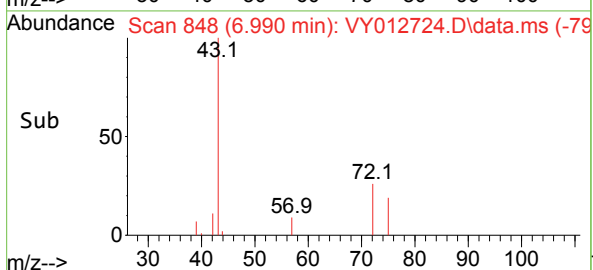
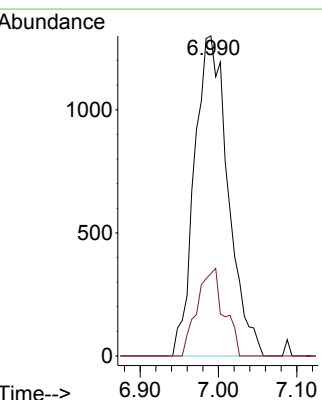
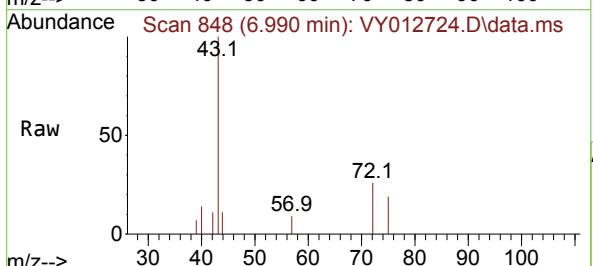
Acq: 24 Feb 2023 15:55

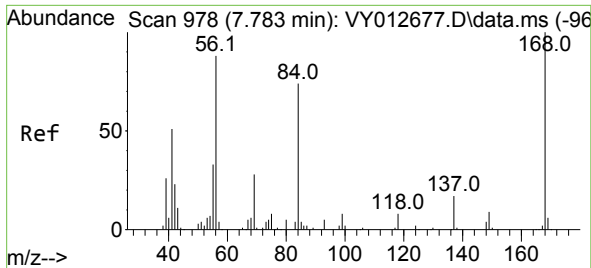
Tgt Ion: 43 Resp: 3869

Ion Ratio Lower Upper

43 100

72 25.8 18.8 28.2

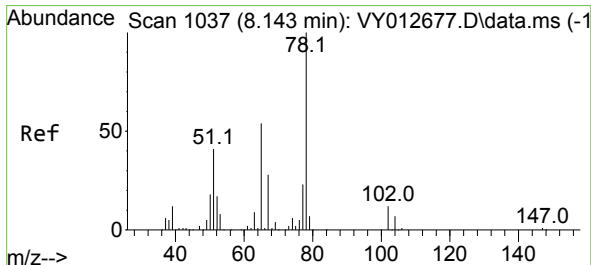
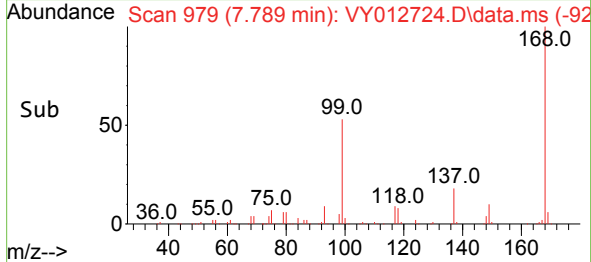
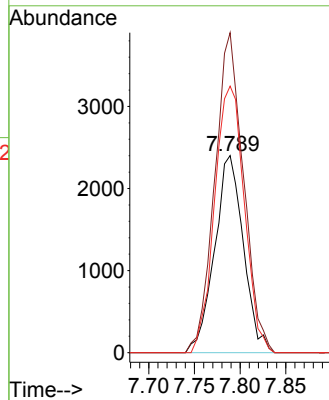
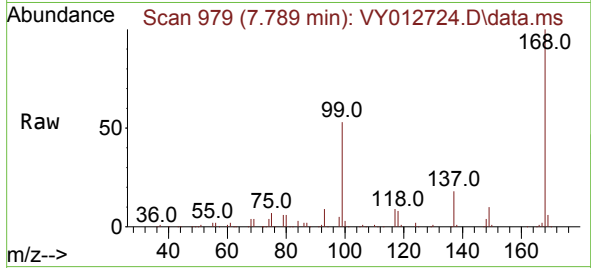




#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

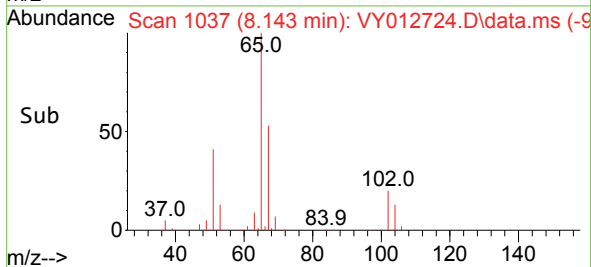
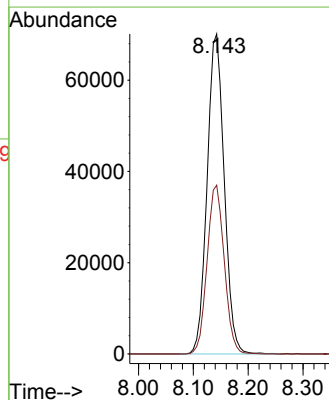
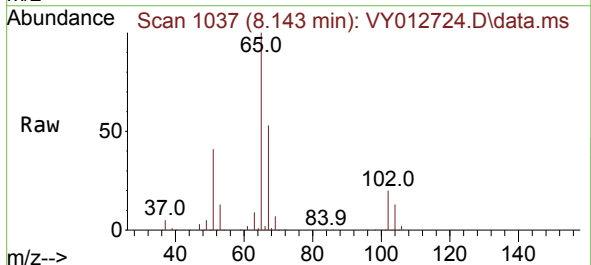
Instrument :
MSVOA_Y
ClientSampleId :
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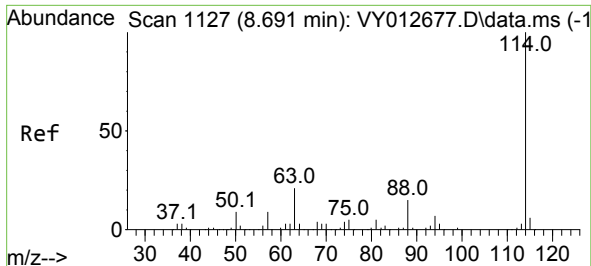
Tgt Ion: 56 Resp: 5261
Ion Ratio Lower Upper
56 100
69 162.3 25.4 38.2#
84 135.2 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 53.793 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

Tgt Ion: 65 Resp: 151526
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.6

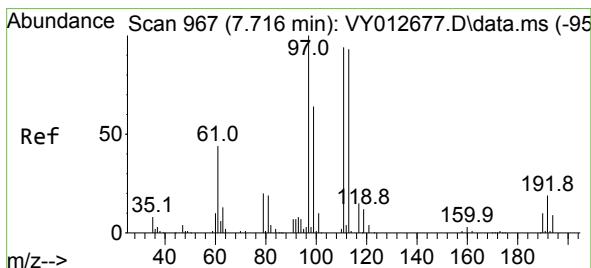
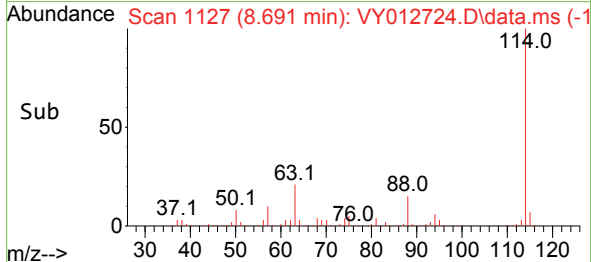
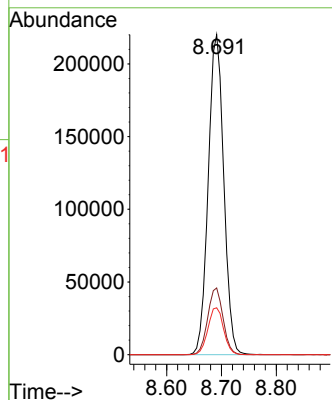
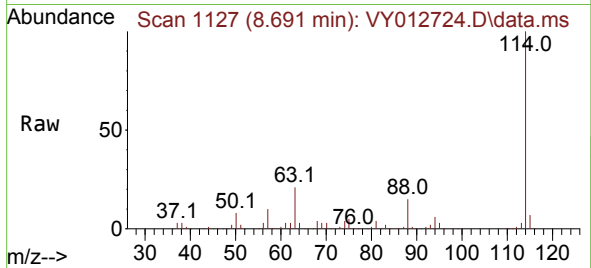




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

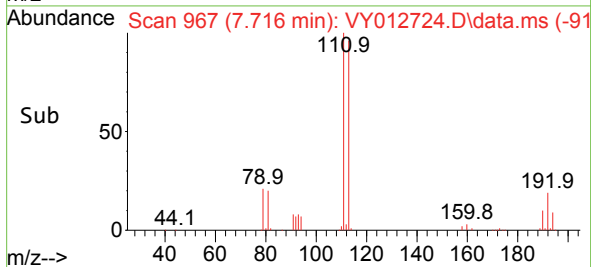
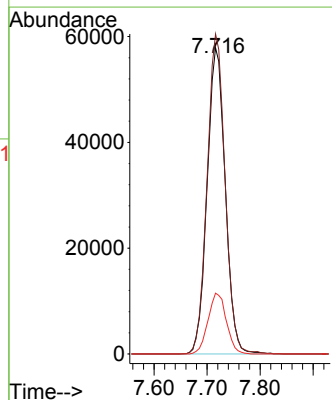
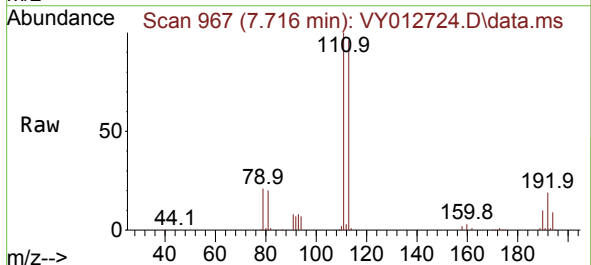
Instrument :
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ClientSampleId :
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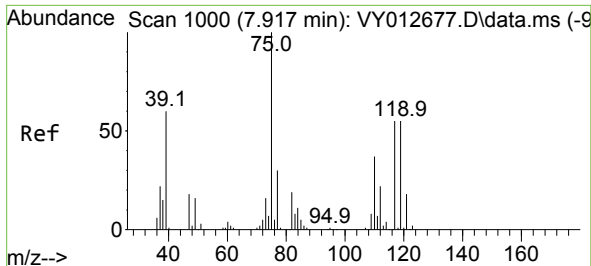
Tgt Ion:114 Resp: 431086
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 14.6 0.0 29.6



#35
Dibromofluoromethane
Concen: 47.226 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

Tgt Ion:113 Resp: 137508
Ion Ratio Lower Upper
113 100
111 103.8 82.0 123.0
192 20.0 16.2 24.2





#36

1,1-Dichloropropene

Concen: 3.925 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012724.D

Acq: 24 Feb 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

B-26-SB02

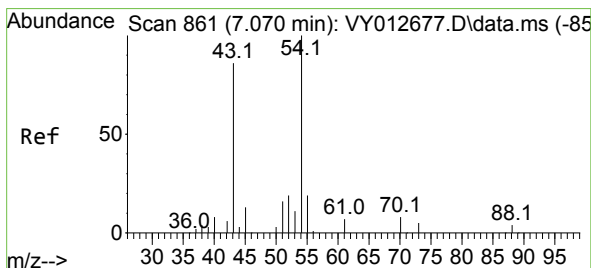
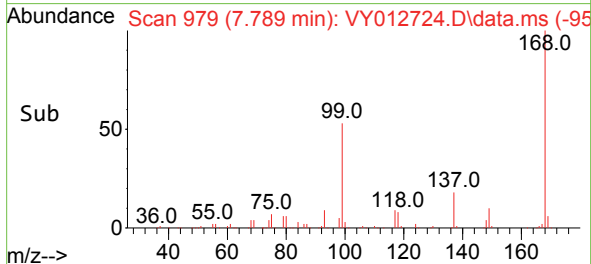
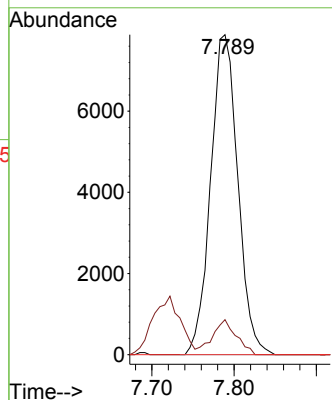
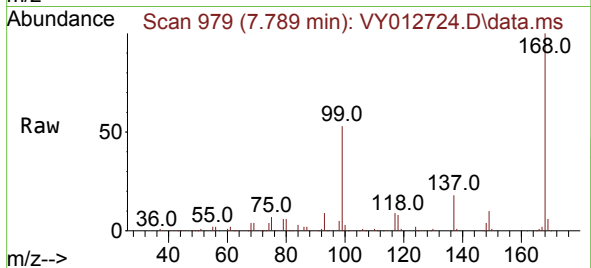
Tgt Ion: 75 Resp: 18117

Ion Ratio Lower Upper

75 100

110 9.3 17.6 52.8#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 1.242 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.080 min

Lab File: VY012724.D

Acq: 24 Feb 2023 15:55

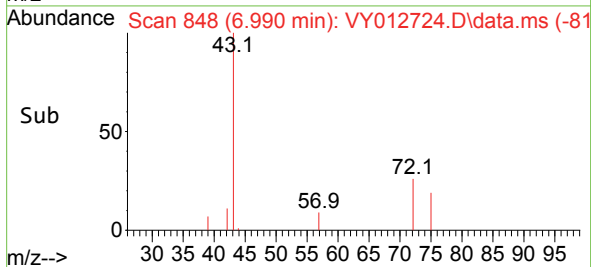
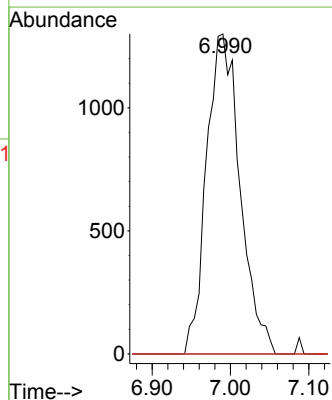
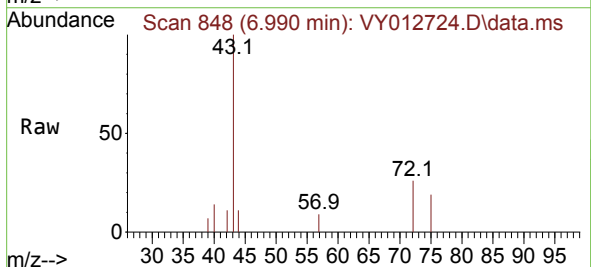
Tgt Ion: 43 Resp: 3869

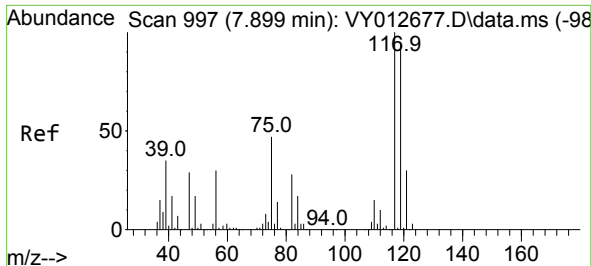
Ion Ratio Lower Upper

43 100

61 0.0 9.9 14.9#

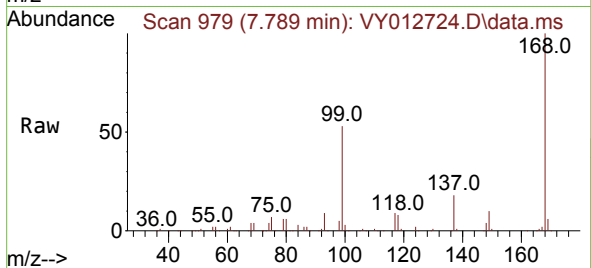
70 0.0 6.4 9.6#



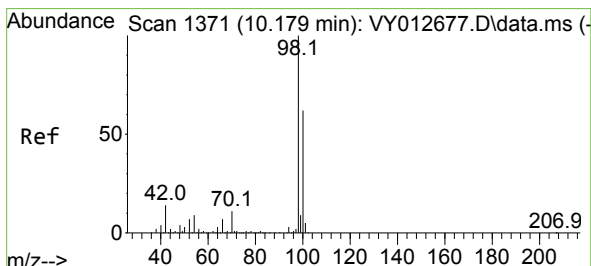
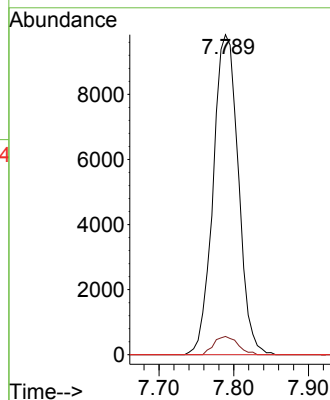
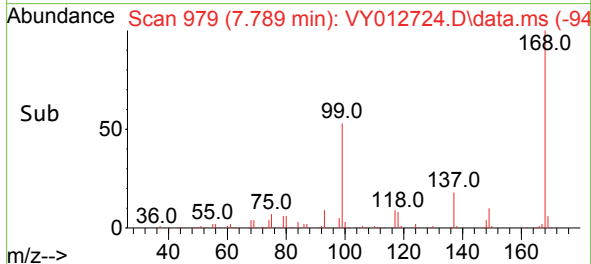


#38
Carbon Tetrachloride
Concen: 4.821 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

Instrument :
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ClientSampleId :
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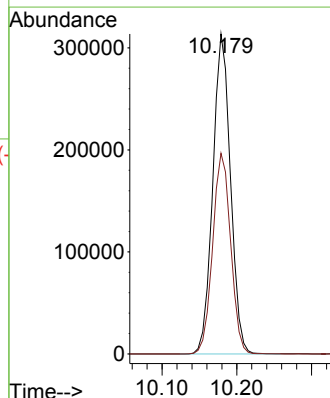
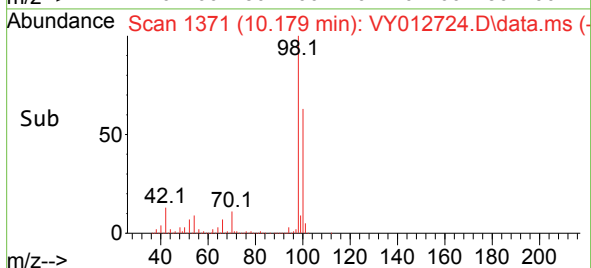
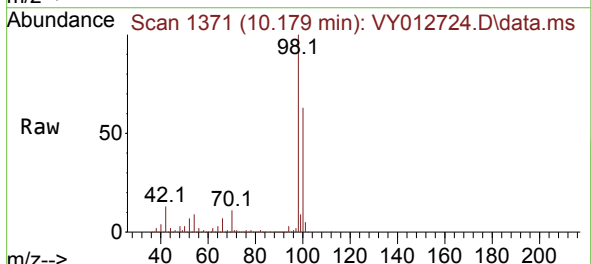


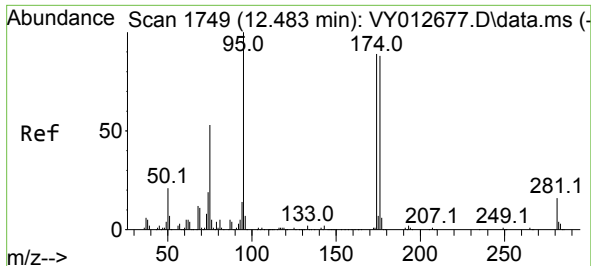
Tgt Ion:117 Resp: 23006
Ion Ratio Lower Upper
117 100
119 5.7 75.5 113.3#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 47.341 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

Tgt Ion: 98 Resp: 516414
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8

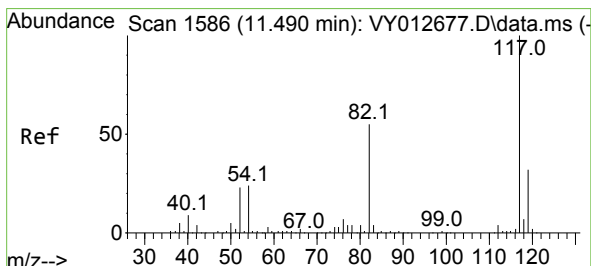
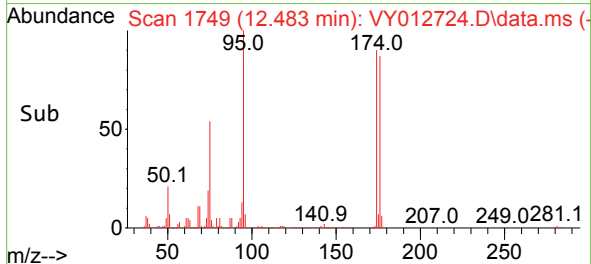
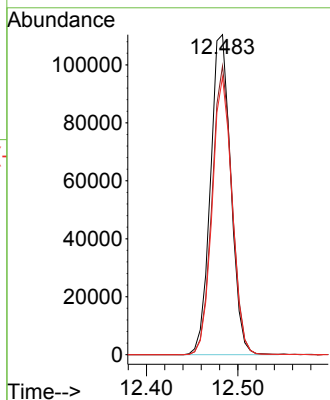
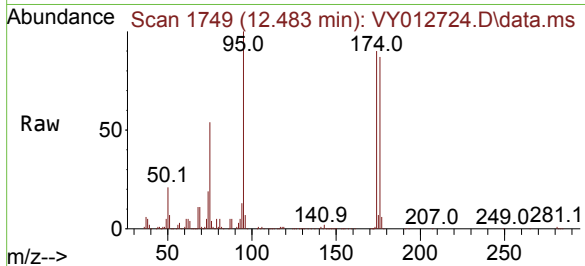




#62
4-Bromofluorobenzene
Concen: 49.005 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

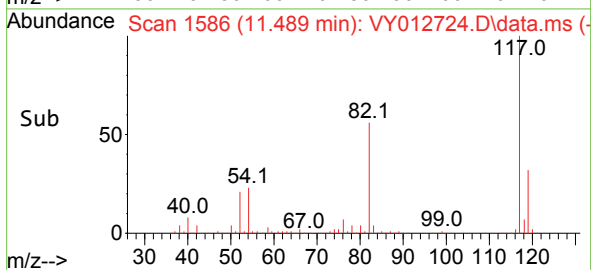
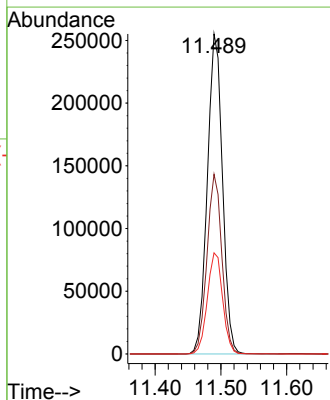
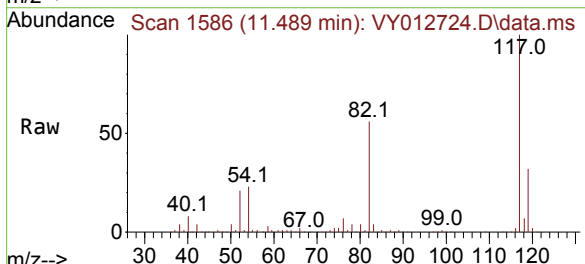
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

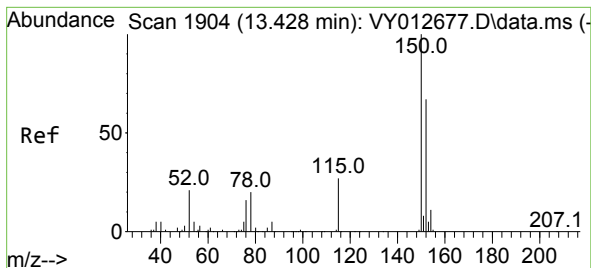
Tgt Ion:	95	Resp:	171064
Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	172.8
176	84.9	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

Tgt Ion:	117	Resp:	408027
Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.1	66.1
119	31.6	25.5	38.3

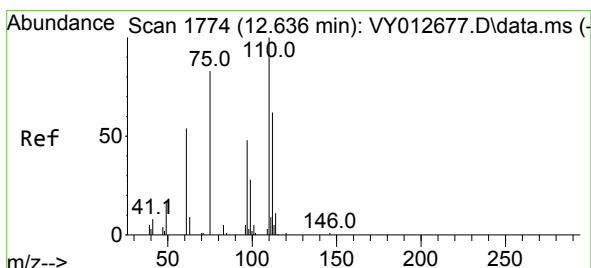
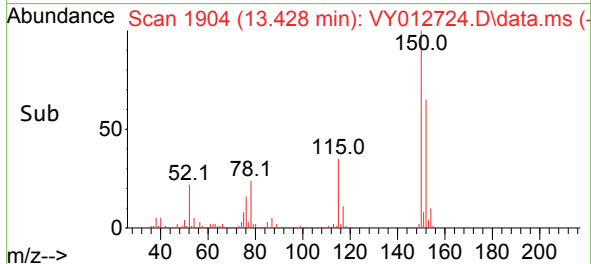
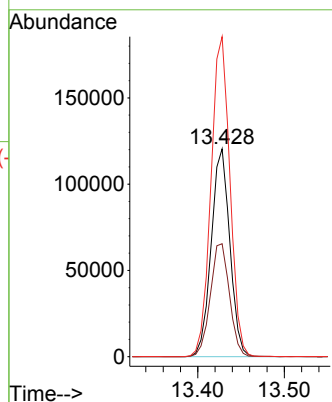
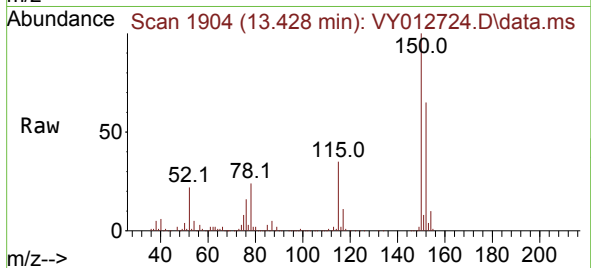




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012724.D
 Acq: 24 Feb 2023 15:55

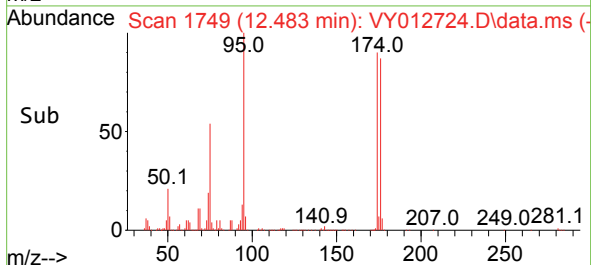
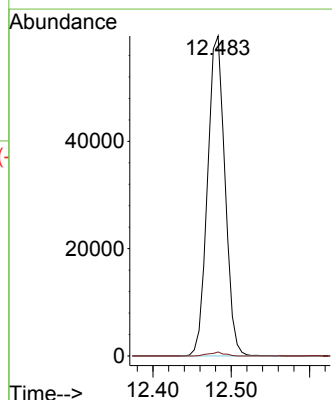
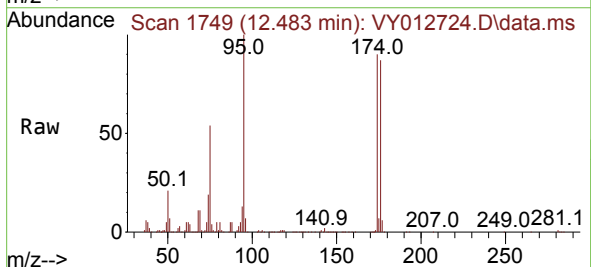
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-26-SB02

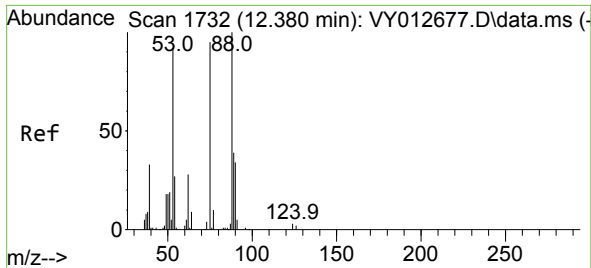
Tgt Ion:152 Resp: 179710
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.7 86.3
 150 156.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.102 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012724.D
 Acq: 24 Feb 2023 15:55

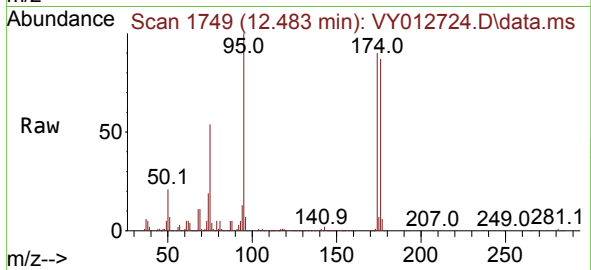
Tgt Ion: 75 Resp: 92084
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.074 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012724.D
 Acq: 24 Feb 2023 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-26-SB02



Tgt Ion: 75 Resp: 92084
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.4 120.6#
 89 0.0 36.5 54.7#

