

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012296.D
 Acq On : 20 Jan 2023 17:23
 Operator : KP/MD
 Sample : 01232-06
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-19A

Quant Time: Jan 23 02:23:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

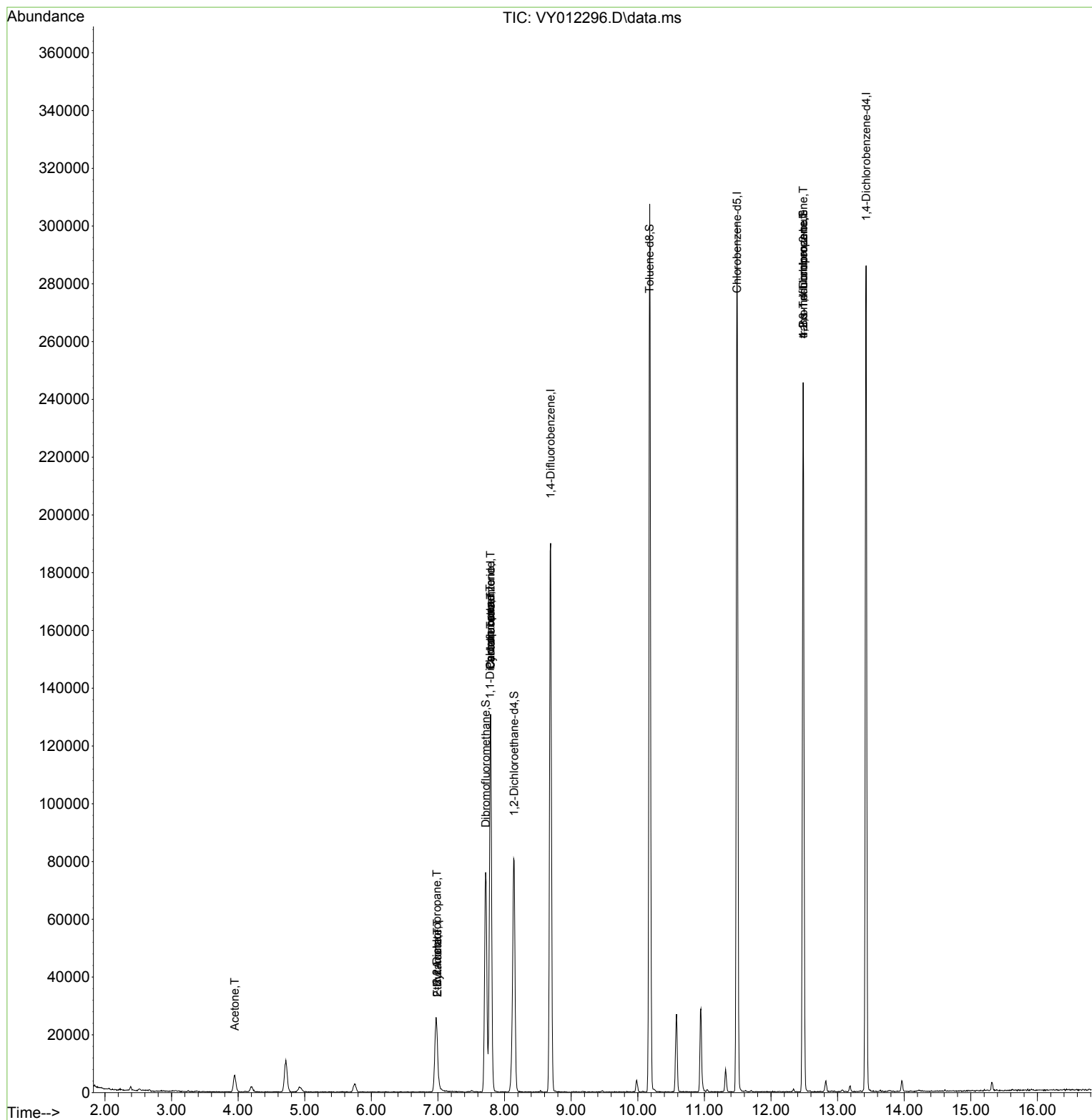
Internal Standards						
1) Pentafluorobenzene	7.789	168	104914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	172382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64373	76.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 152.140%	
35) Dibromofluoromethane	7.716	113	54078	59.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.100%	
50) Toluene-d8	10.179	98	206718	66.583	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.160%	
62) 4-Bromofluorobenzene	12.483	95	69182	53.587	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.912	59	882	Below Cal	#	74
16) Acetone	3.948	43	10085	34.521	ug/l	95
20) Methylene Chloride	4.710	84	9084	Below Cal	#	85
25) 2-Butanone	6.990	43	3111	9.646	ug/l	# 81
26) 2,2-Dichloropropane	6.984	77	1961	1.096	ug/l	# 53
31) Cyclohexane	7.789	56	1767	1.155	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	7152	4.595	ug/l	# 50
37) Ethyl Acetate	6.990	43	3111	4.534	ug/l	# 58
38) Carbon Tetrachloride	7.789	117	10046	4.998	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	35912	49.112	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	35912	101.191	ug/l	# 13

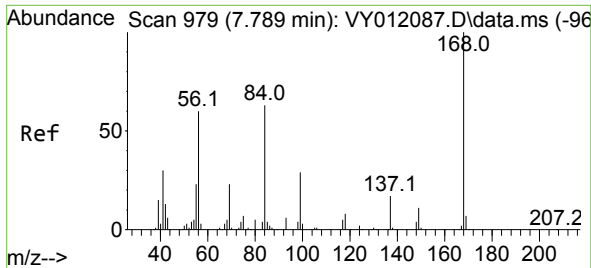
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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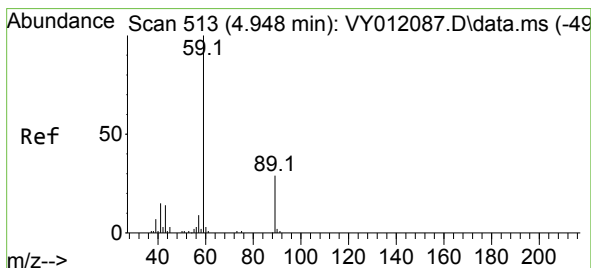
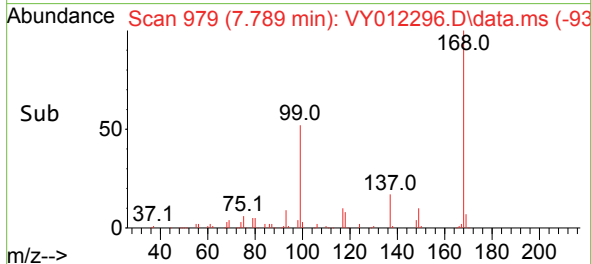
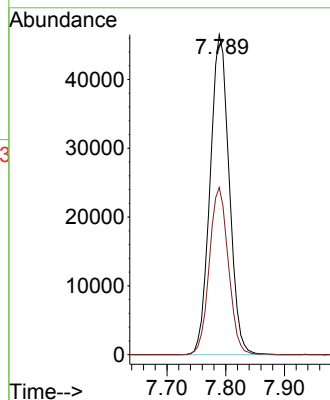
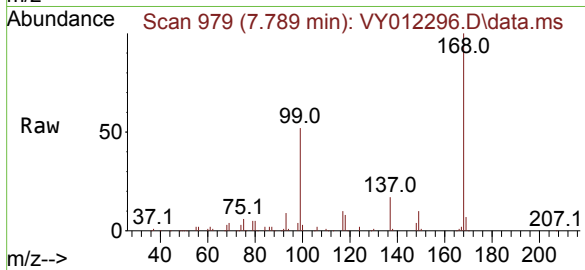




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

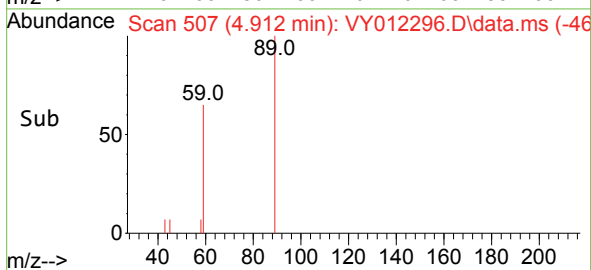
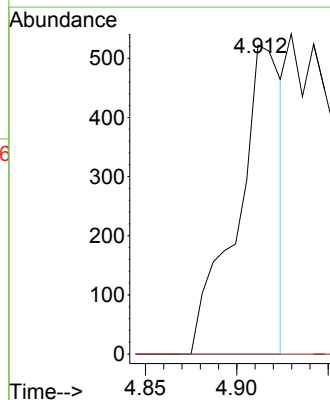
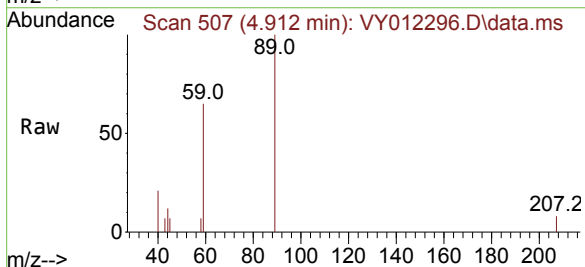
Instrument :
MSVOA_Y
ClientSampleId :
B-P-19A

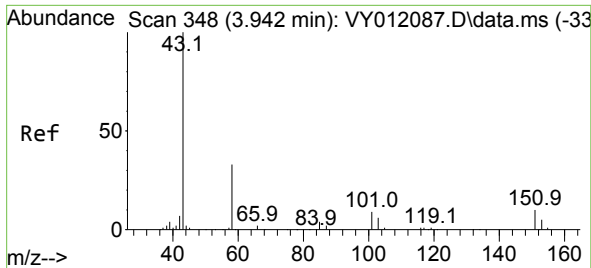
Tgt Ion:168 Resp: 104914
Ion Ratio Lower Upper
168 100
99 52.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.912 min Scan# 507
Delta R.T. -0.036 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

Tgt Ion: 59 Resp: 882
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

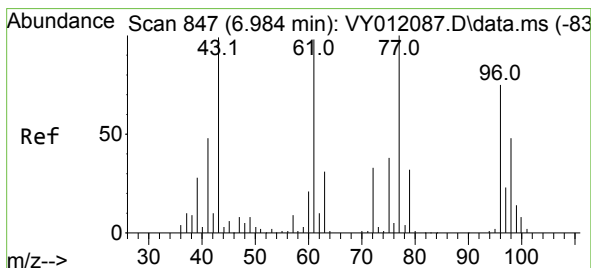
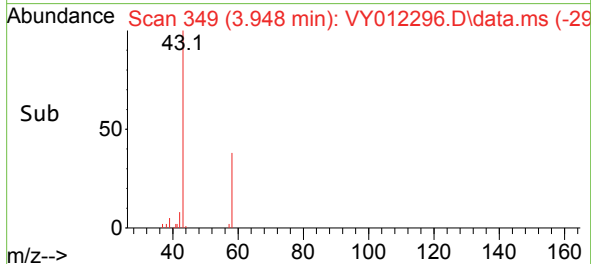
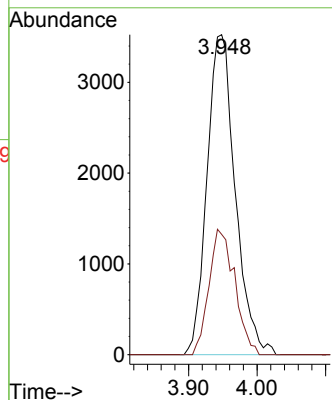
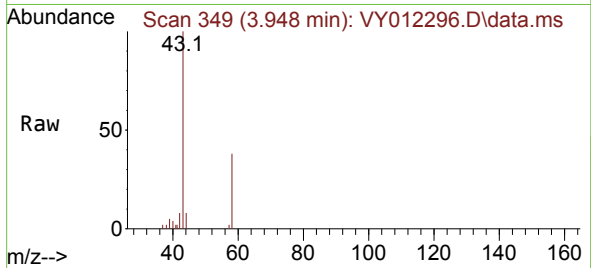




#16
Acetone
Concen: 34.521 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

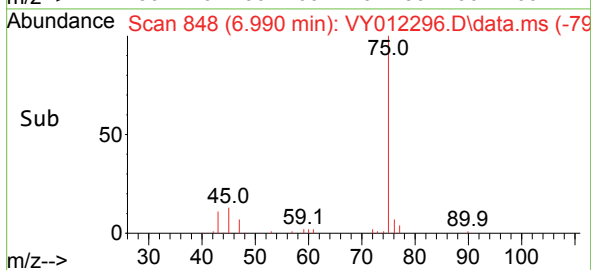
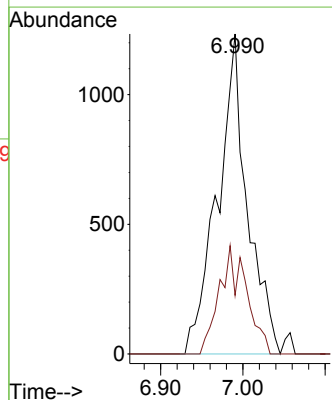
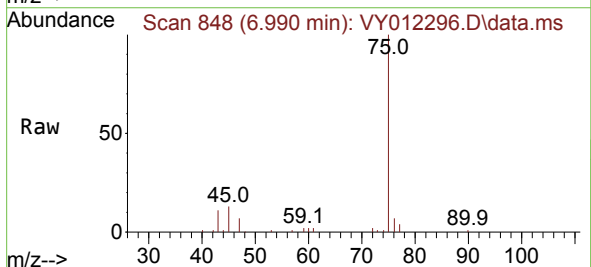
Instrument :
MSVOA_Y
ClientSampleId :
B-P-19A

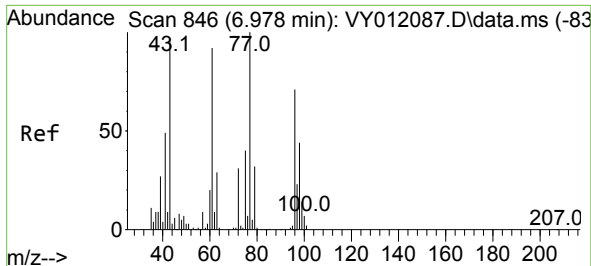
Tgt Ion: 43 Resp: 10085
Ion Ratio Lower Upper
43 100
58 37.6 27.9 41.9



#25
2-Butanone
Concen: 9.646 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

Tgt Ion: 43 Resp: 3111
Ion Ratio Lower Upper
43 100
72 18.3 22.6 34.0#

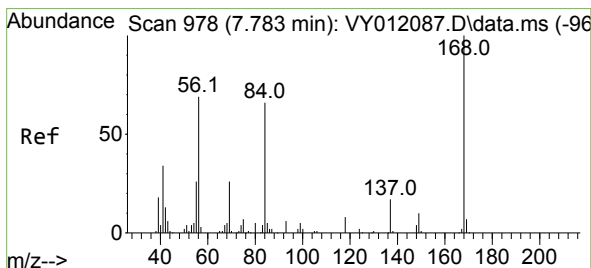
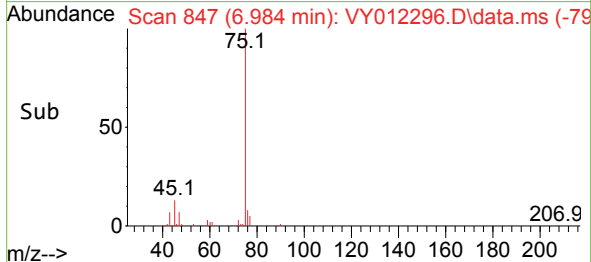
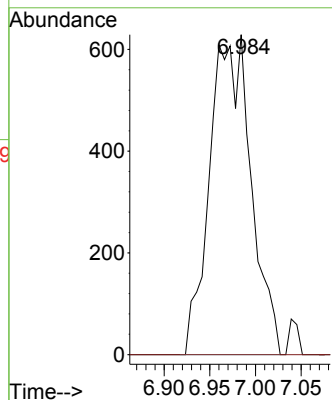
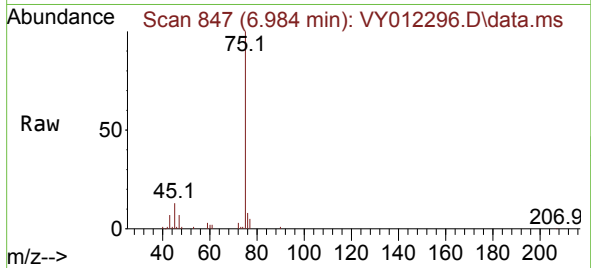




#26
2,2-Dichloropropane
Concen: 1.096 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

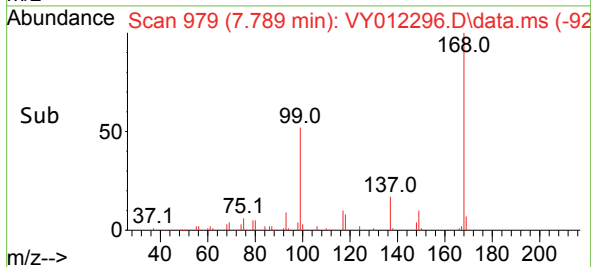
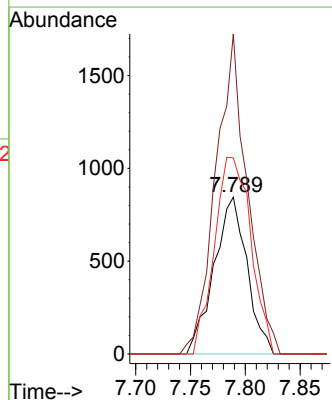
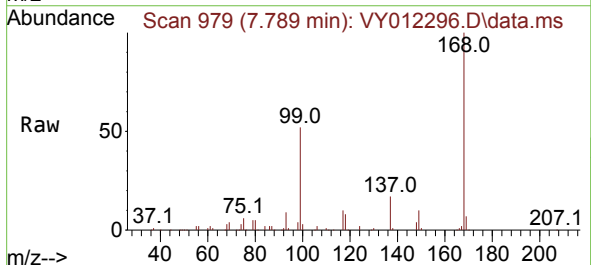
Instrument :
MSVOA_Y
ClientSampleId :
B-P-19A

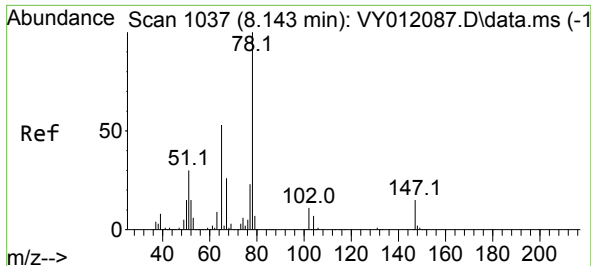
Tgt Ion: 77 Resp: 1961
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

Tgt Ion: 56 Resp: 1767
Ion Ratio Lower Upper
56 100
69 204.0 29.2 43.8#
84 125.1 72.6 108.8#

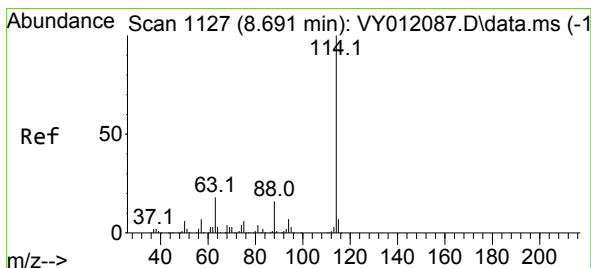
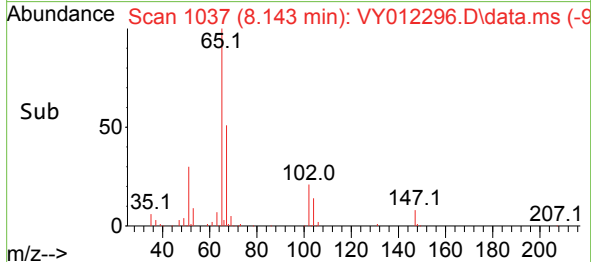
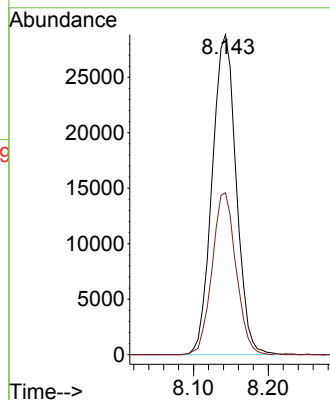
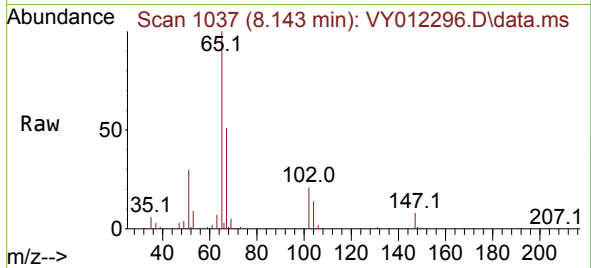




#33
 1,2-Dichloroethane-d4
 Concen: 76.075 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012296.D
 Acq: 20 Jan 2023 17:23

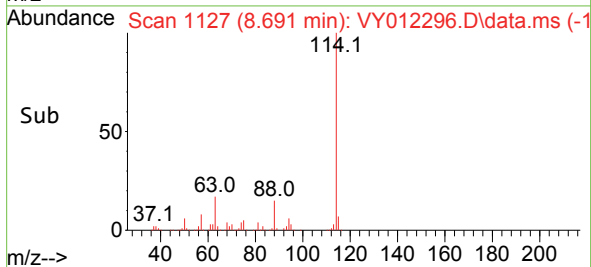
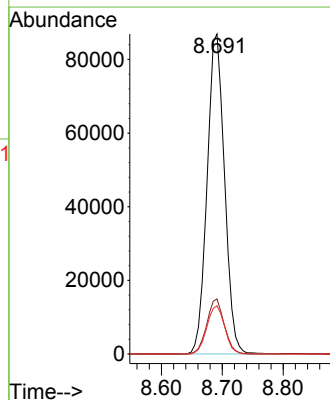
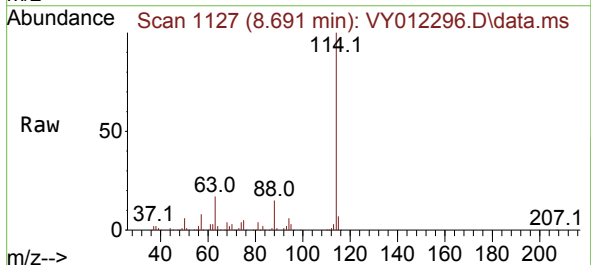
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-19A

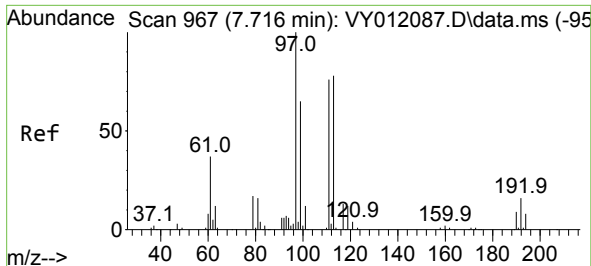
Tgt Ion: 65 Resp: 64373
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012296.D
 Acq: 20 Jan 2023 17:23

Tgt Ion: 114 Resp: 172958
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 39.6
 88 15.1 0.0 32.2

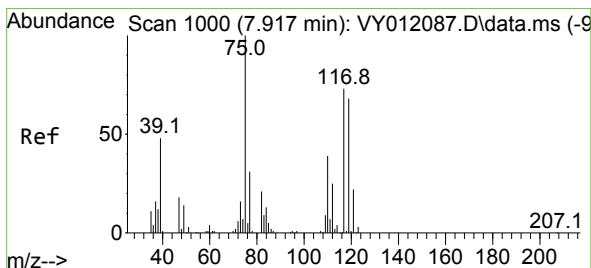
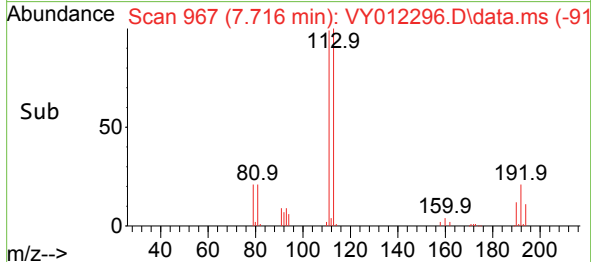
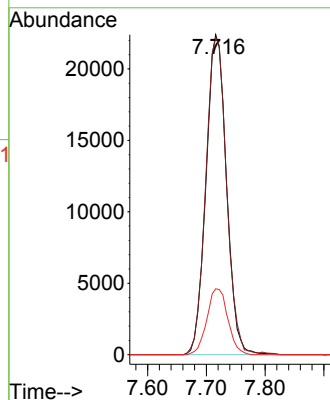
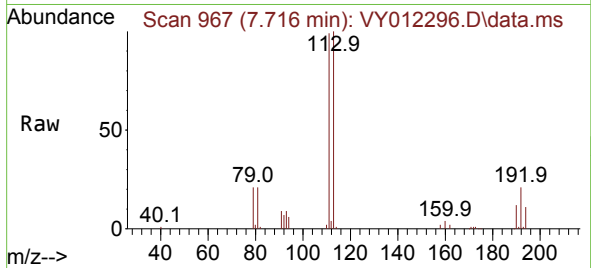




#35
Dibromofluoromethane
Concen: 59.049 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

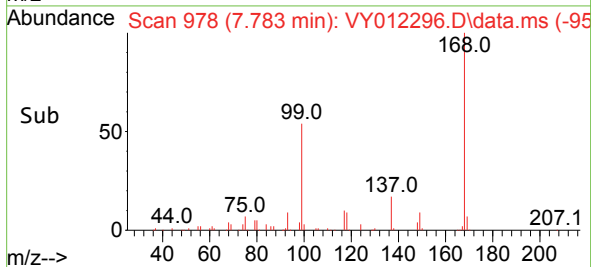
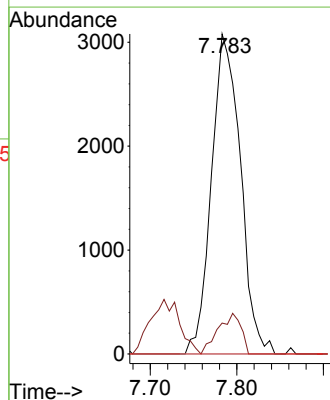
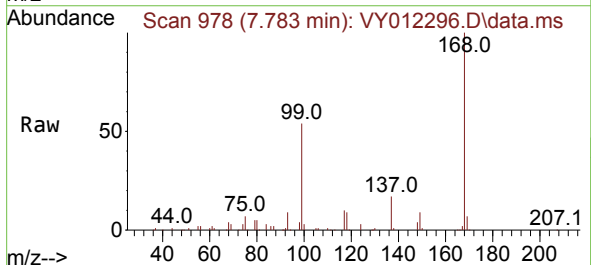
Instrument :
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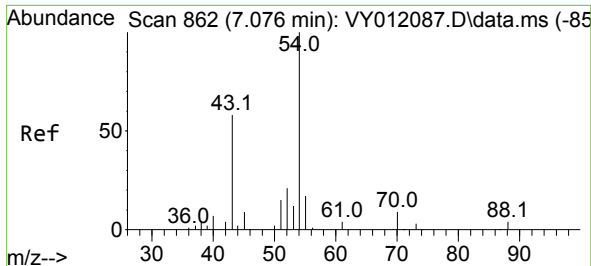
Tgt Ion:113 Resp: 54078
Ion Ratio Lower Upper
113 100
111 100.9 83.0 124.4
192 21.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.595 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

Tgt Ion: 75 Resp: 7152
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 4.534 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.086 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

B-P-19A

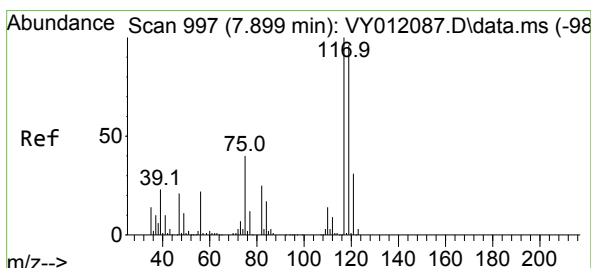
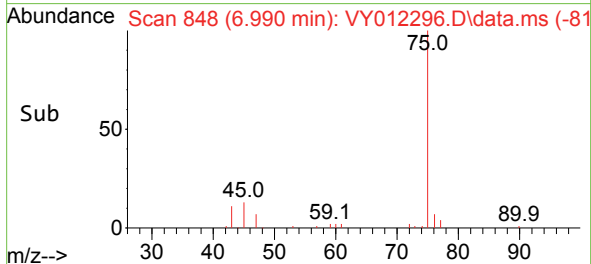
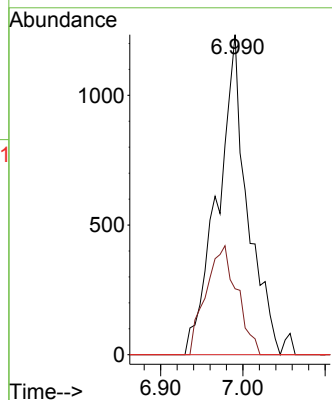
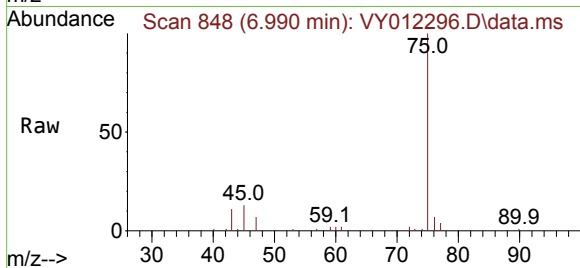
Tgt Ion: 43 Resp: 3111

Ion Ratio Lower Upper

43 100

61 35.7 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 4.998 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

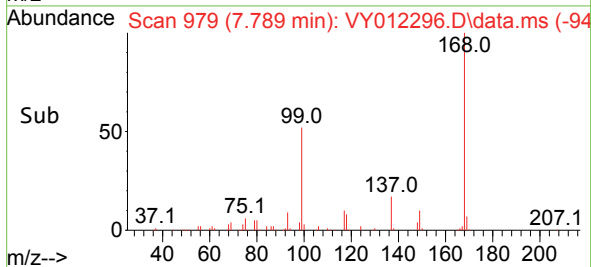
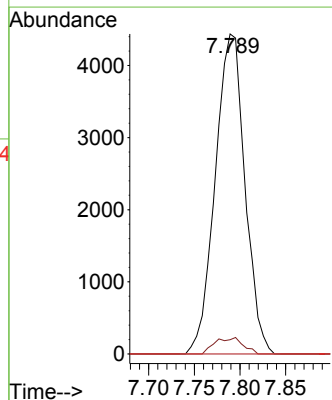
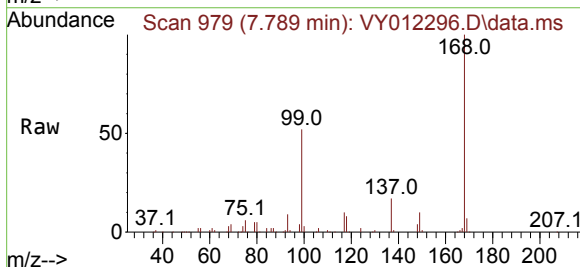
Tgt Ion: 117 Resp: 10046

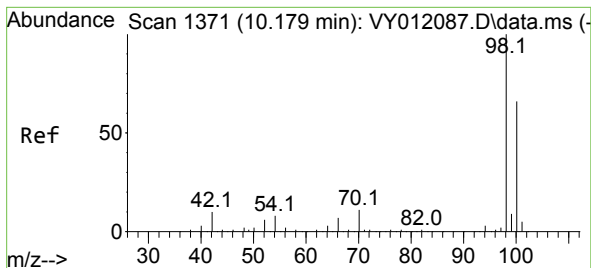
Ion Ratio Lower Upper

117 100

119 4.4 73.8 110.8#

121 0.0 25.2 37.8#





#50

Toluene-d8

Concen: 66.583 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

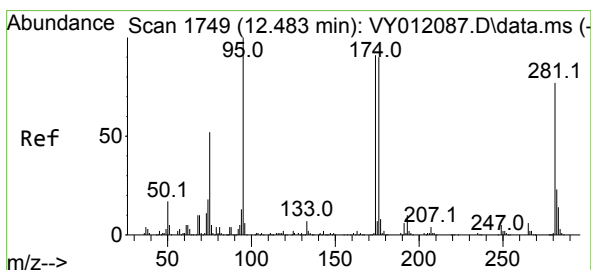
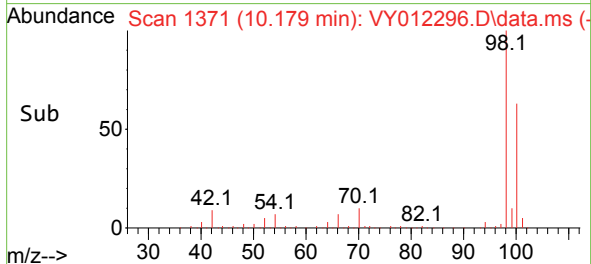
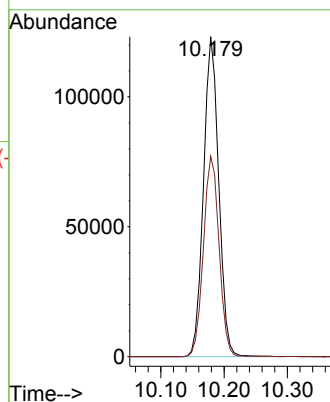
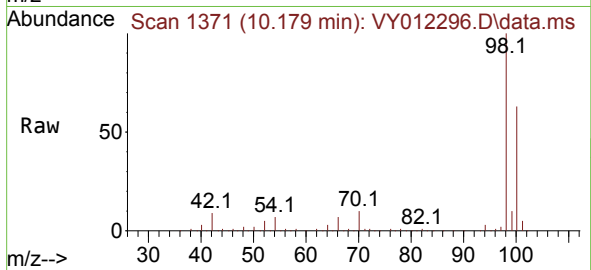
B-P-19A

Tgt Ion: 98 Resp: 206718

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.587 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

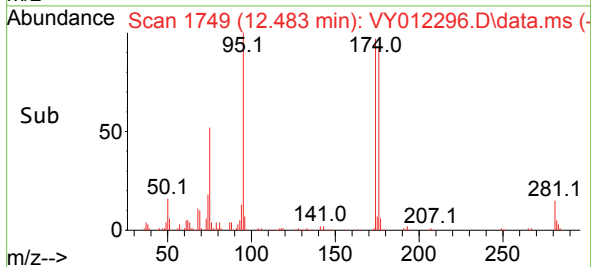
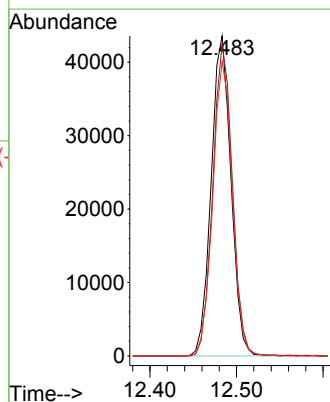
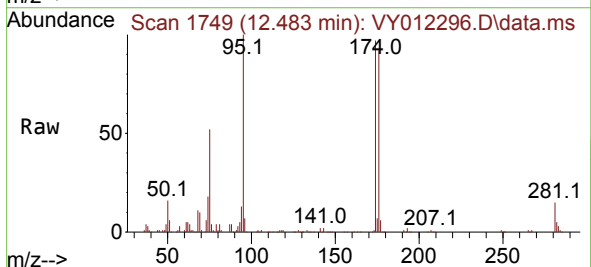
Tgt Ion: 95 Resp: 69182

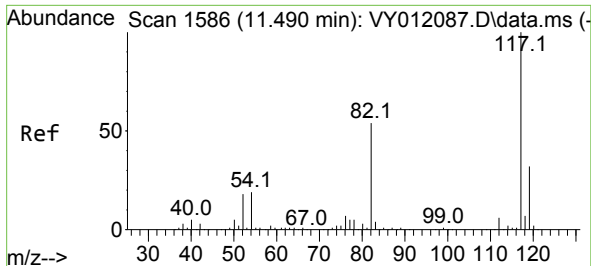
Ion Ratio Lower Upper

95 100

174 96.7 0.0 172.0

176 91.5 0.0 167.6

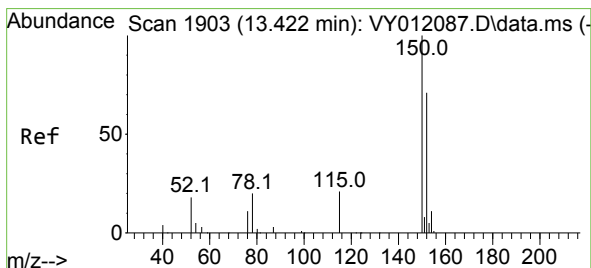
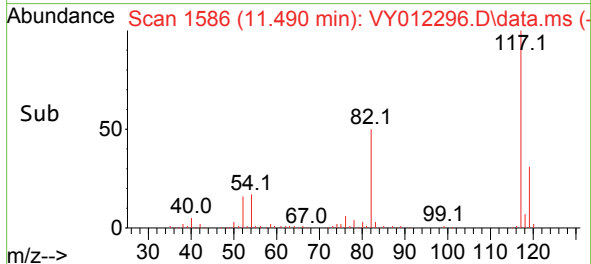
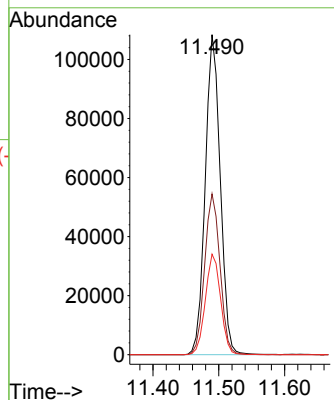
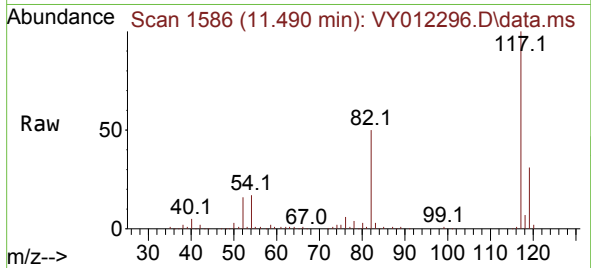




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

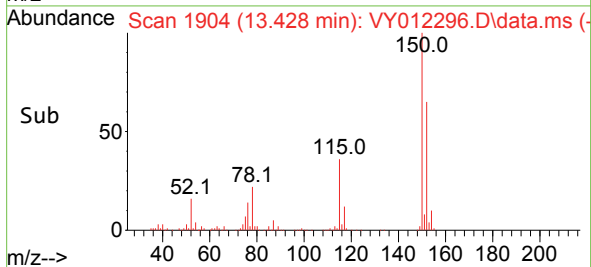
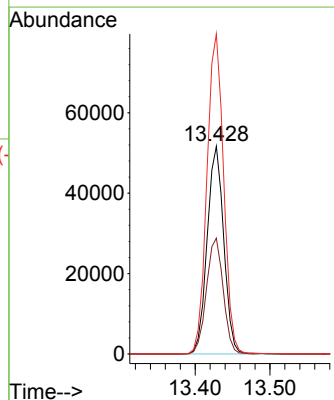
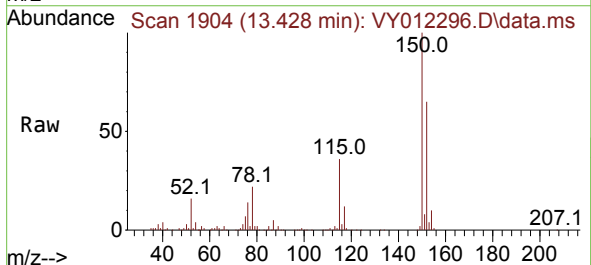
Instrument :
MSVOA_Y
ClientSampleId :
B-P-19A

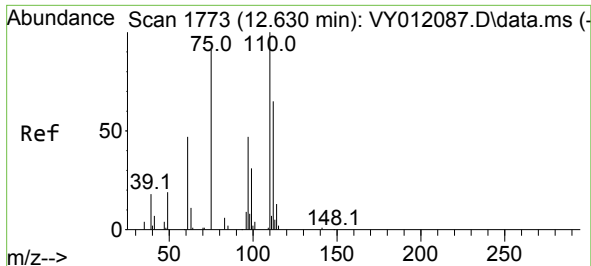
Tgt Ion:117 Resp: 172382
Ion Ratio Lower Upper
117 100
82 50.3 44.8 67.2
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

Tgt Ion:152 Resp: 79522
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 155.4 0.0 342.6

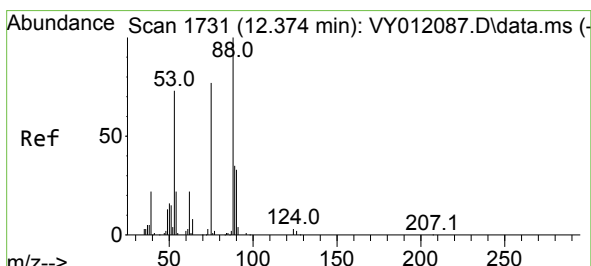
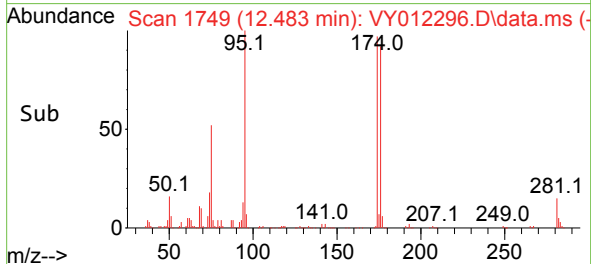
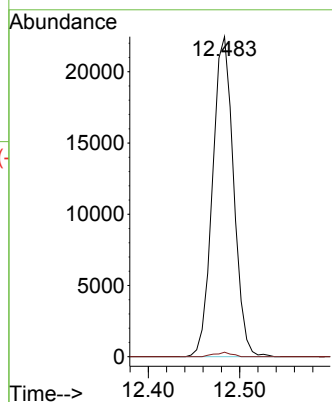
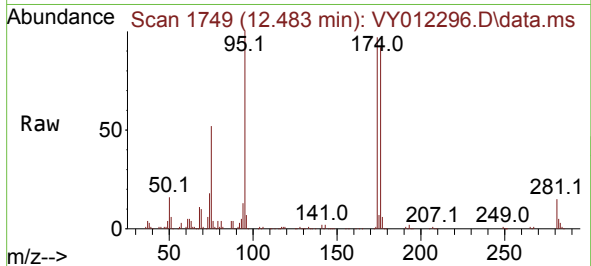




#76
1,2,3-Trichloropropane
Concen: 49.112 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
B-P-19A

Tgt Ion: 75 Resp: 35912
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.191 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

Tgt Ion: 75 Resp: 35912
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.2 37.0 55.4#

