

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012293.D
 Acq On : 20 Jan 2023 16:13
 Operator : KP/MD
 Sample : 01232-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-17B

Quant Time: Jan 23 02:21:47 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)

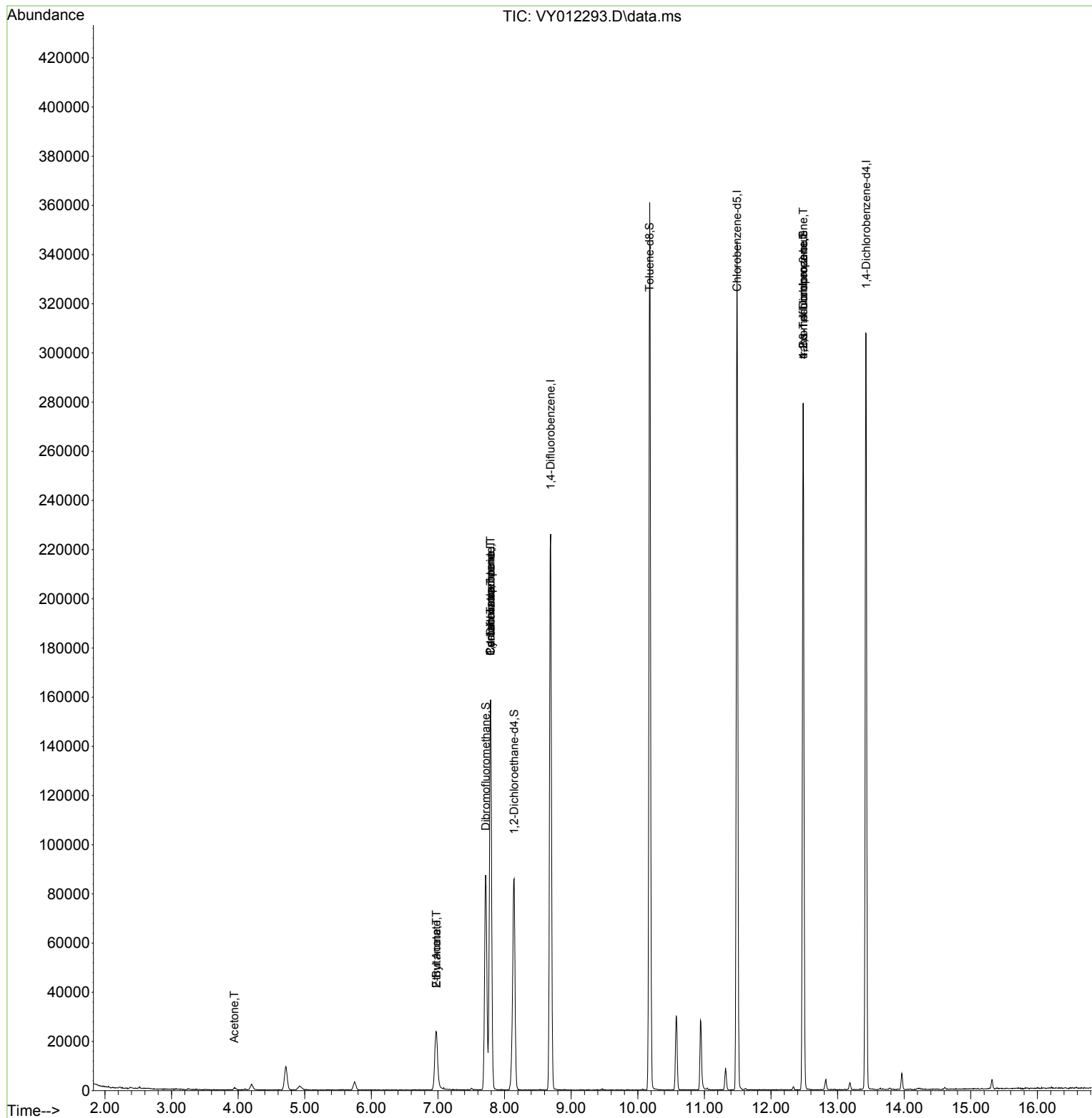
Internal Standards						
1) Pentafluorobenzene	7.789	168	128819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68078	64.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.860%	
35) Dibromofluoromethane	7.716	113	61725	55.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.760%	
50) Toluene-d8	10.179	98	243713	64.971	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.940%	
62) 4-Bromofluorobenzene	12.483	95	77411	49.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	961	Below Cal	#	74
16) Acetone	3.942	43	1425	3.973	ug/l #	87
20) Methylene Chloride	4.716	84	7821	Below Cal		87
25) 2-Butanone	6.978	43	1386	3.500	ug/l #	72
31) Cyclohexane	7.789	56	2055	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8793	4.684	ug/l #	50
37) Ethyl Acetate	6.978	43	1386	1.675	ug/l #	1
38) Carbon Tetrachloride	7.789	117	12258	5.055	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	39792	50.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39792	103.481	ug/l #	13

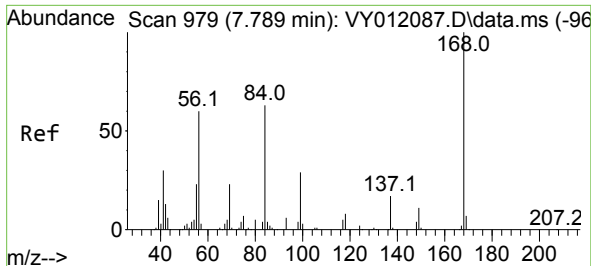
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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MSVOA_Y
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B-P-17B

Quant Time: Jan 23 02:21:47 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

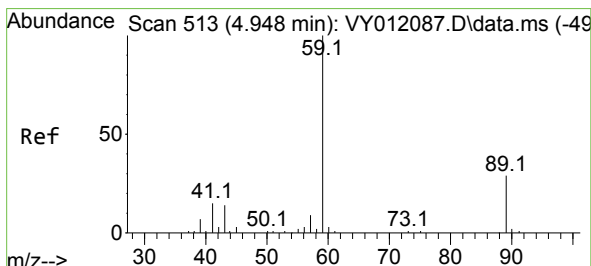
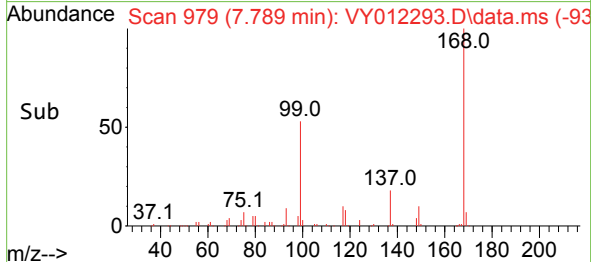
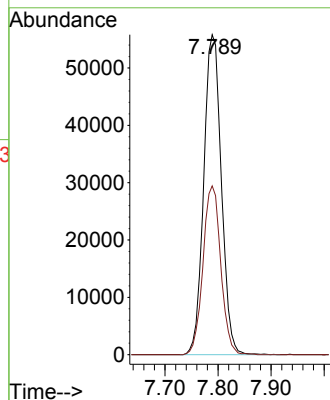
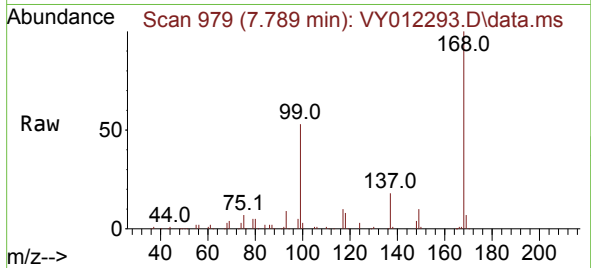




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

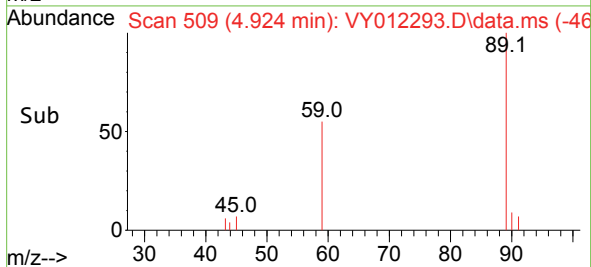
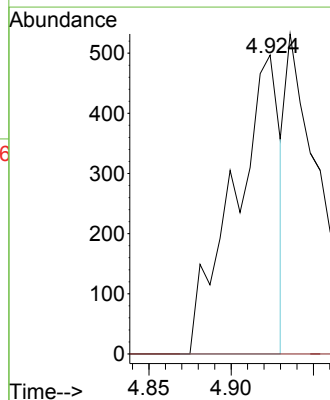
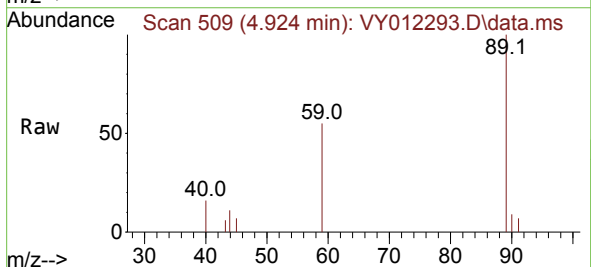
Instrument :
MSVOA_Y
ClientSampleId :
B-P-17B

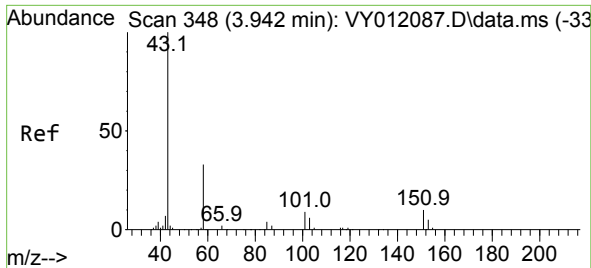
Tgt Ion:168 Resp: 128819
Ion Ratio Lower Upper
168 100
99 52.7 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

Tgt Ion: 59 Resp: 961
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 3.973 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY012293.D

Acq: 20 Jan 2023 16:13

Instrument :

MSVOA_Y

ClientSampleId :

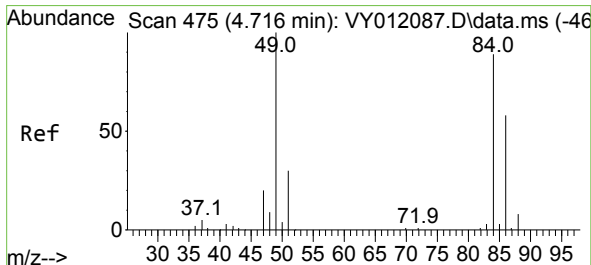
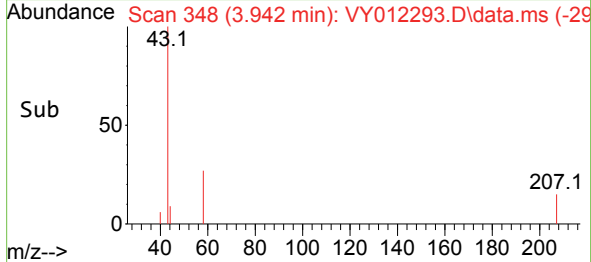
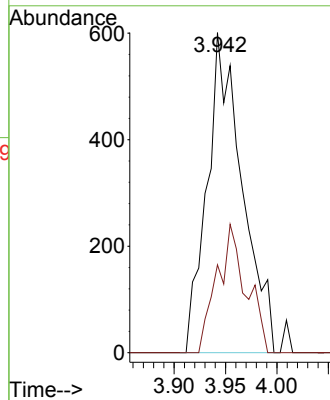
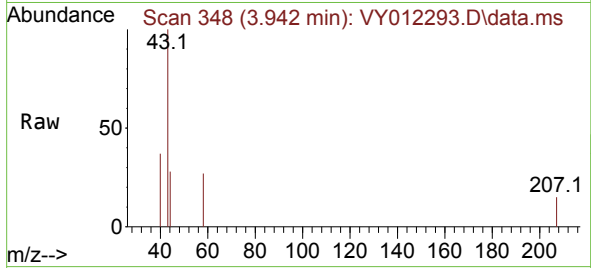
B-P-17B

Tgt Ion: 43 Resp: 1425

Ion Ratio Lower Upper

43 100

58 27.5 27.9 41.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012293.D

Acq: 20 Jan 2023 16:13

Tgt Ion: 84 Resp: 7821

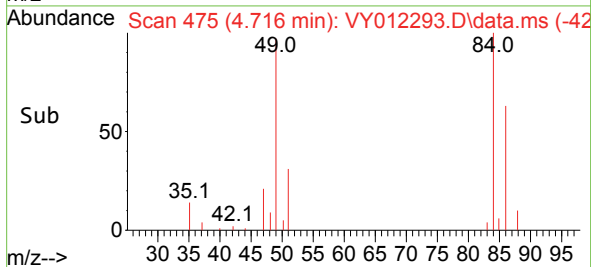
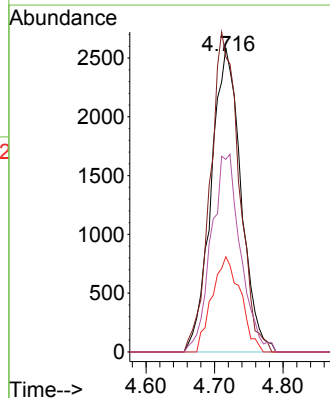
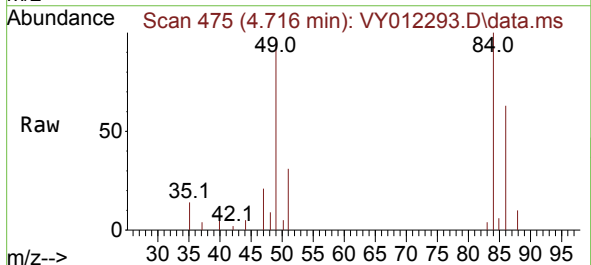
Ion Ratio Lower Upper

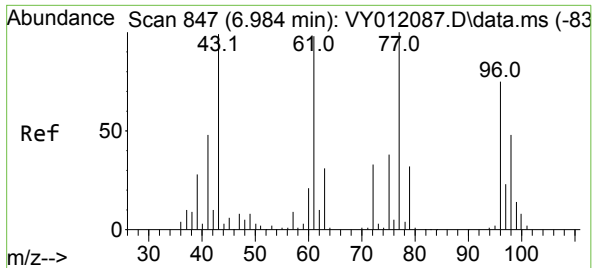
84 100

49 97.0 95.4 143.2

51 31.3 29.9 44.9

86 63.4 49.6 74.4





#25

2-Butanone

Concen: 3.500 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012293.D

Acq: 20 Jan 2023 16:13

Instrument :

MSVOA_Y

ClientSampleId :

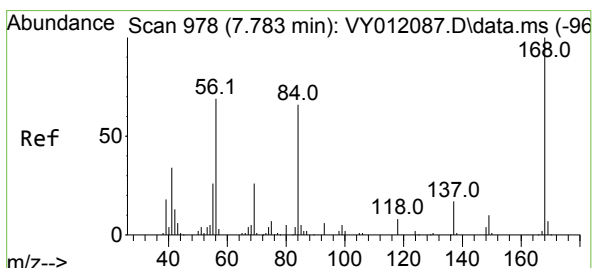
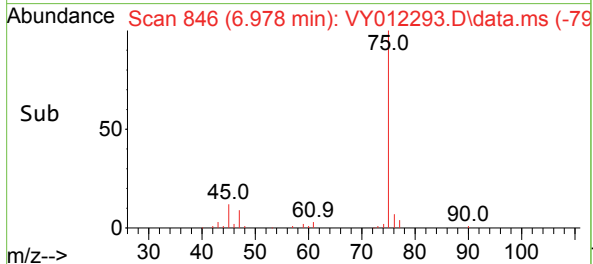
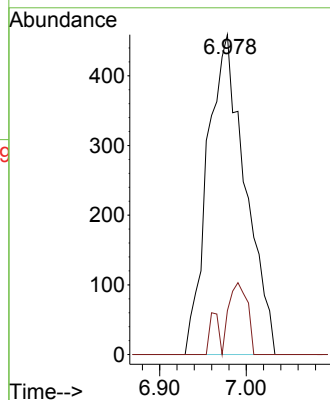
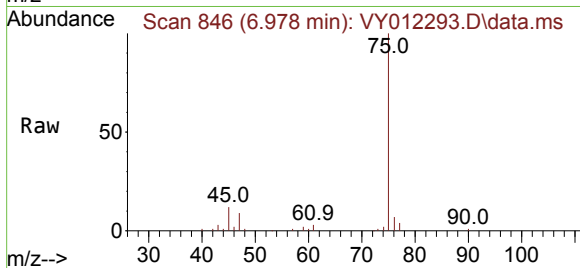
B-P-17B

Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

72 13.7 22.6 34.0#



#31

Cyclohexane

Concen: 1.094 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012293.D

Acq: 20 Jan 2023 16:13

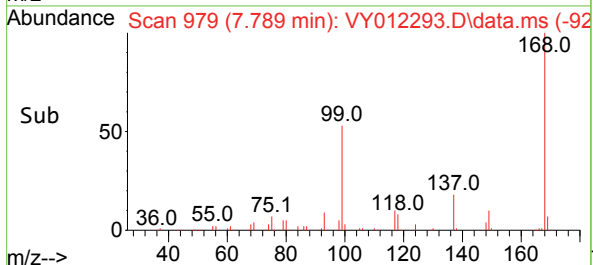
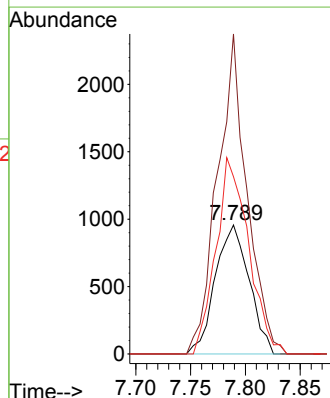
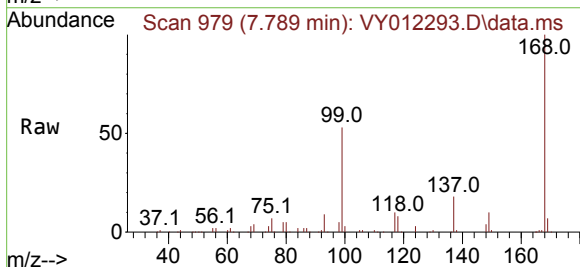
Tgt Ion: 56 Resp: 2055

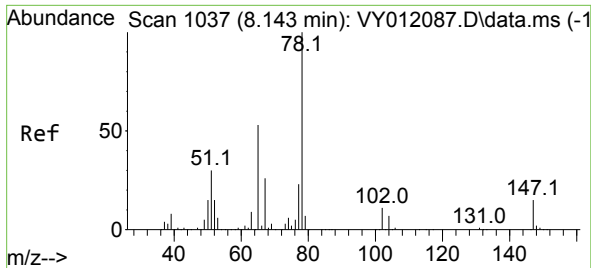
Ion Ratio Lower Upper

56 100

69 248.1 29.2 43.8#

84 137.4 72.6 108.8#

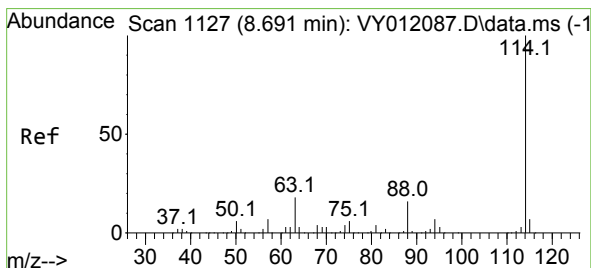
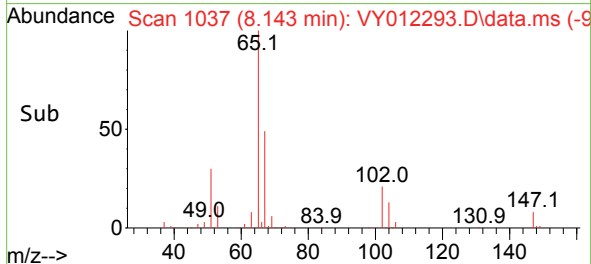
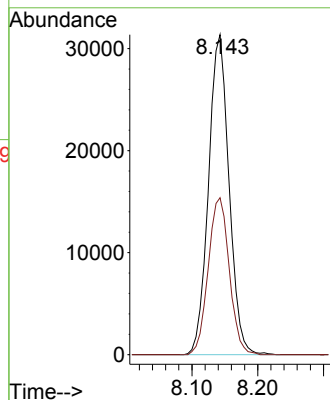
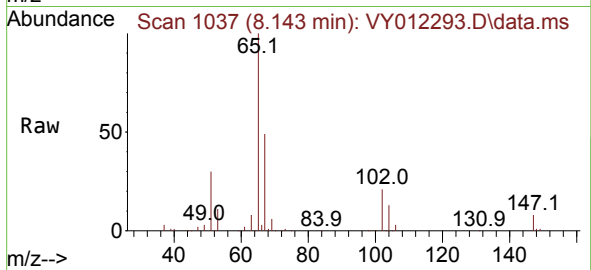




#33
 1,2-Dichloroethane-d4
 Concen: 64.932 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012293.D
 Acq: 20 Jan 2023 16:13

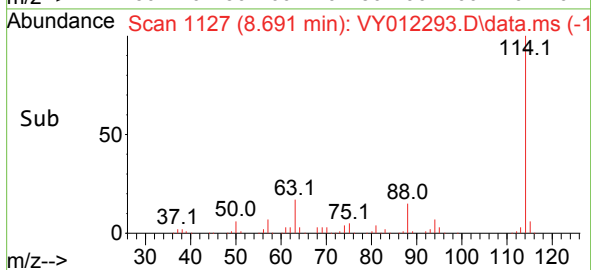
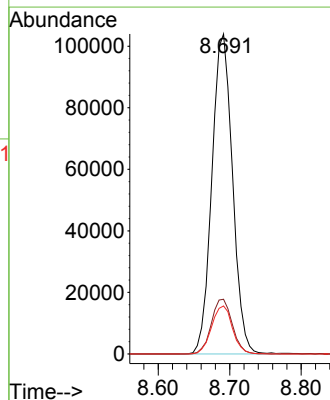
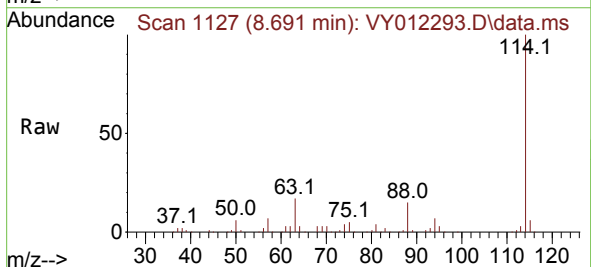
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-17B

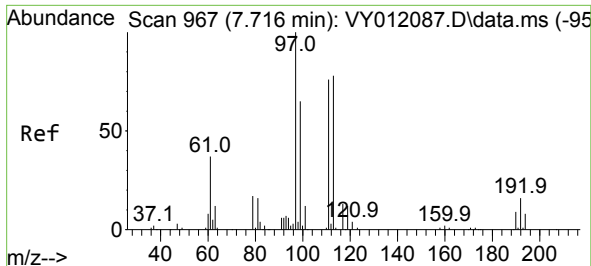
Tgt Ion: 65 Resp: 68078
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012293.D
 Acq: 20 Jan 2023 16:13

Tgt Ion: 114 Resp: 208628
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 39.6
 88 15.0 0.0 32.2

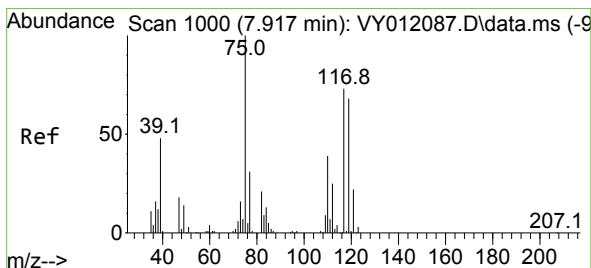
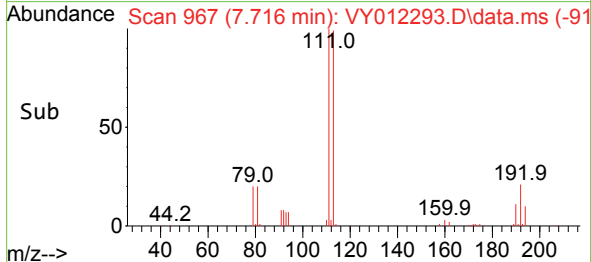
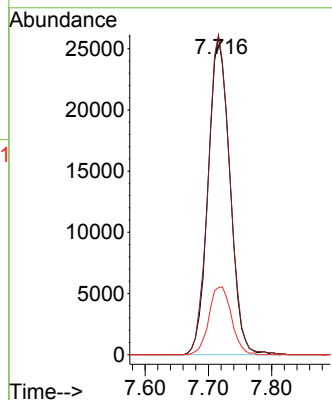
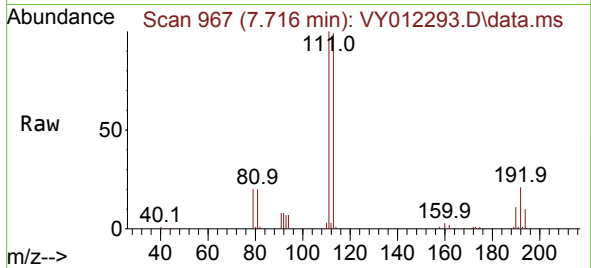




#35
Dibromofluoromethane
Concen: 55.876 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

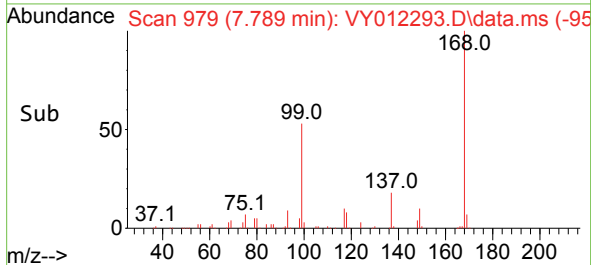
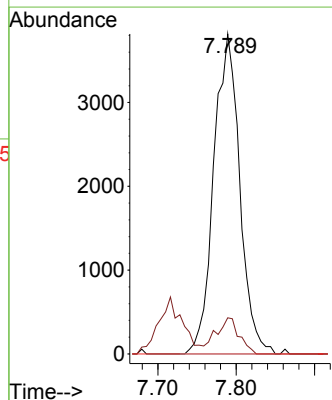
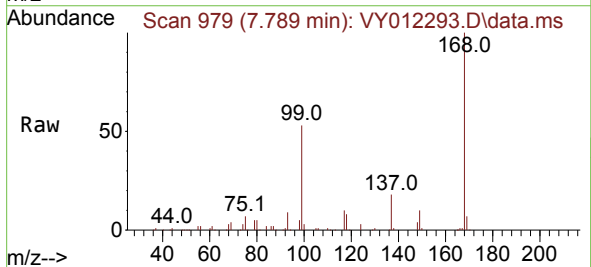
Instrument :
MSVOA_Y
ClientSampleId :
B-P-17B

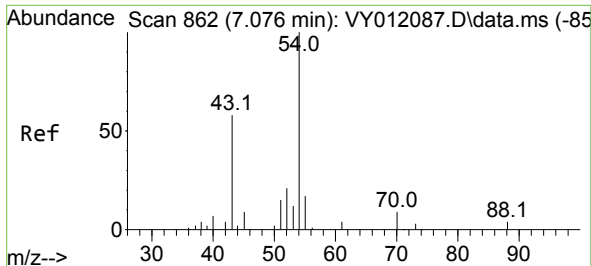
Tgt Ion:113 Resp: 61725
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.4
192 22.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

Tgt Ion: 75 Resp: 8793
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.675 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY012293.D

Acq: 20 Jan 2023 16:13

Instrument :

MSVOA_Y

ClientSampleId :

B-P-17B

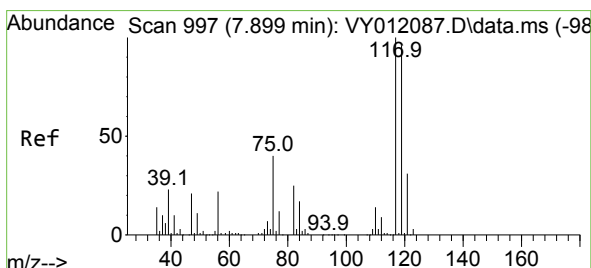
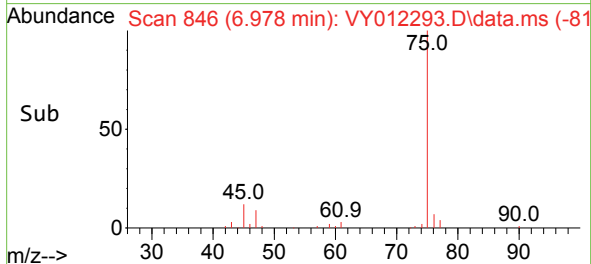
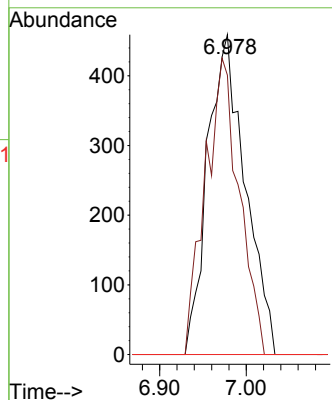
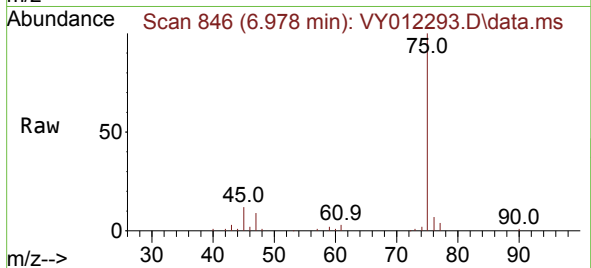
Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

61 83.5 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 5.055 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012293.D

Acq: 20 Jan 2023 16:13

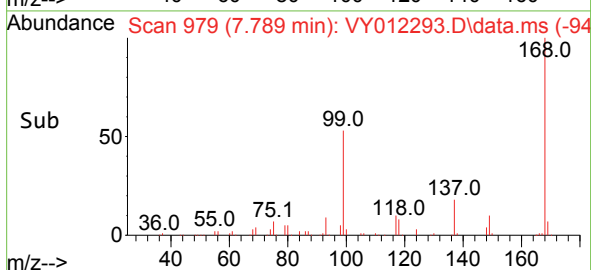
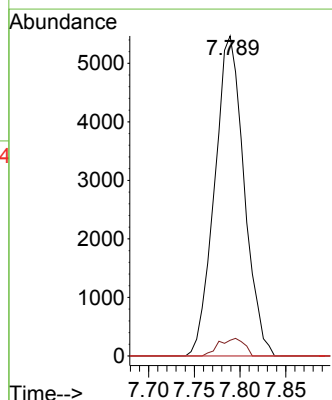
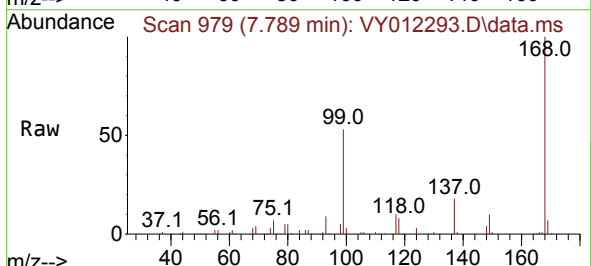
Tgt Ion: 117 Resp: 12258

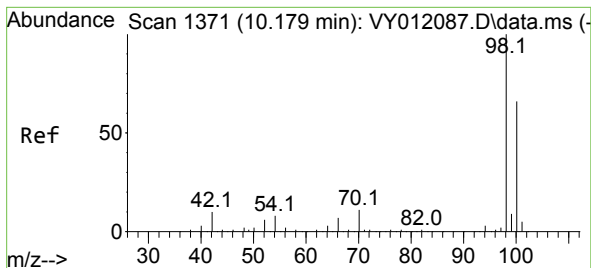
Ion Ratio Lower Upper

117 100

119 4.9 73.8 110.8#

121 0.0 25.2 37.8#

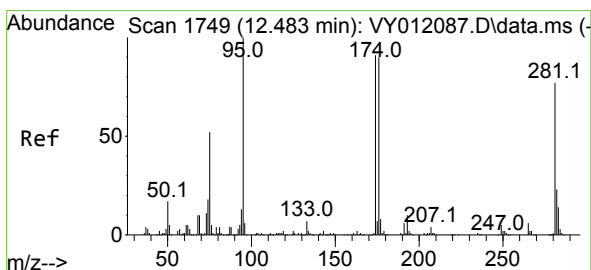
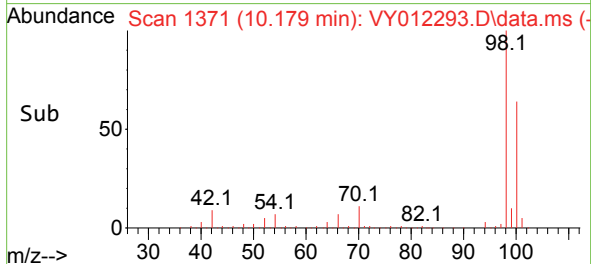
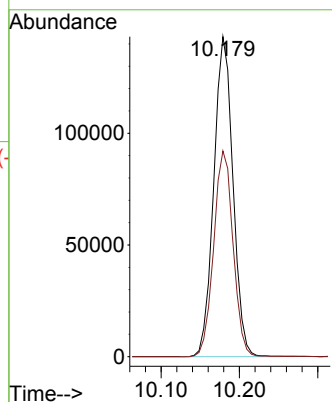
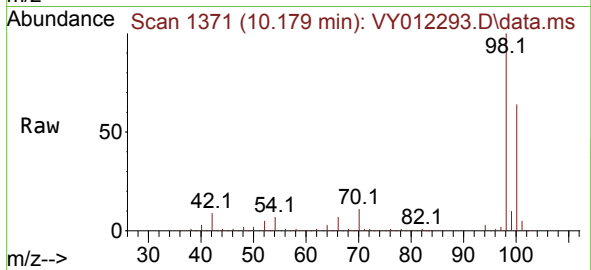




#50
Toluene-d8
Concen: 64.971 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

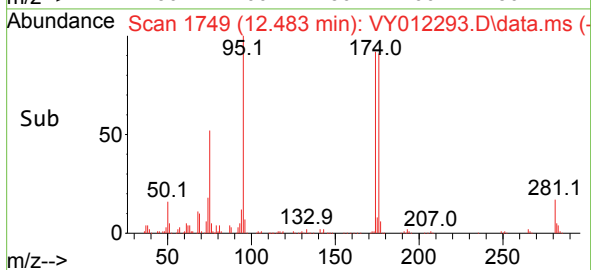
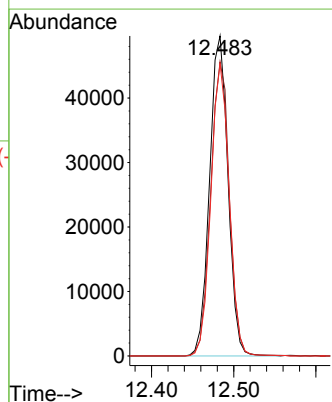
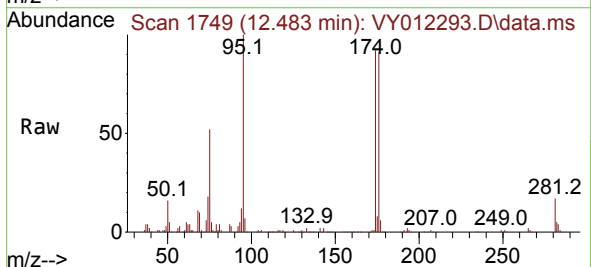
Instrument :
MSVOA_Y
ClientSampleId :
B-P-17B

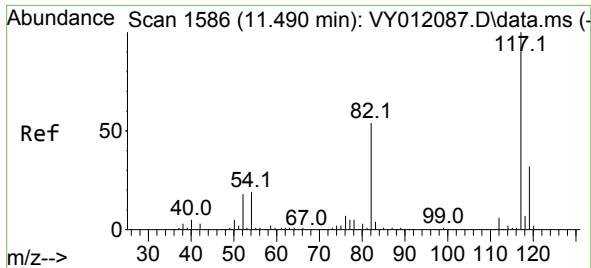
Tgt Ion: 98 Resp: 243713
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.709 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

Tgt Ion: 95 Resp: 77411
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 90.7 0.0 167.6

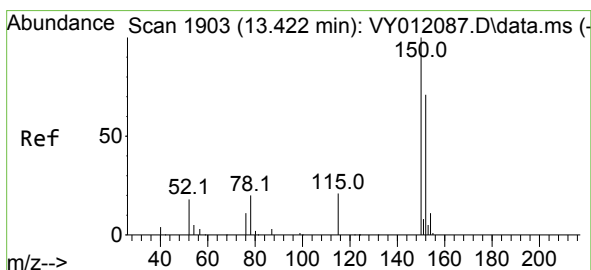
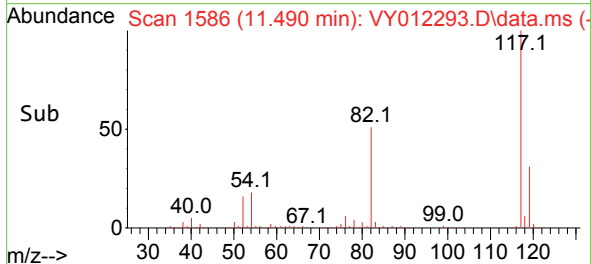
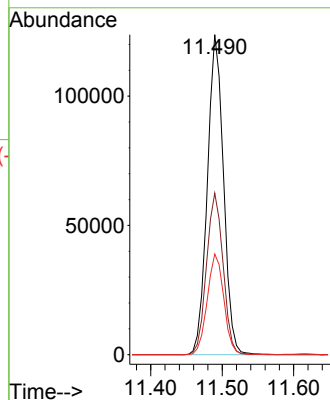
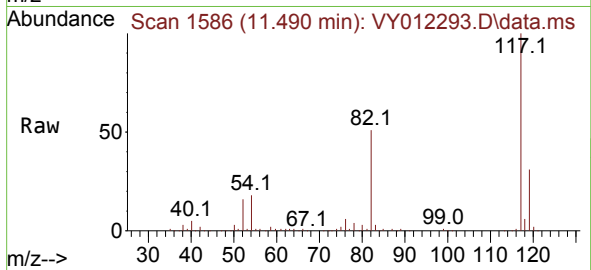




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

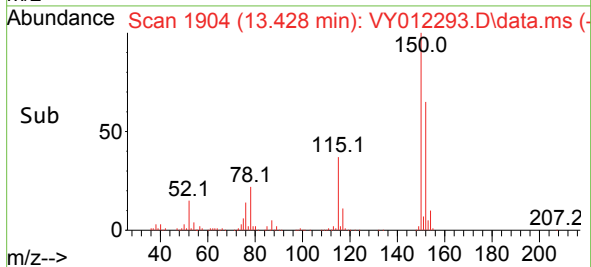
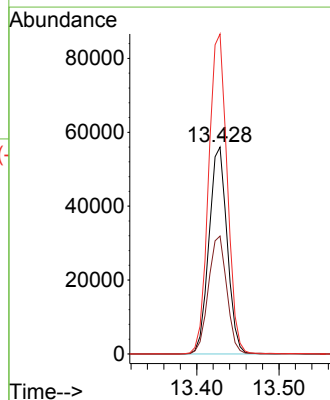
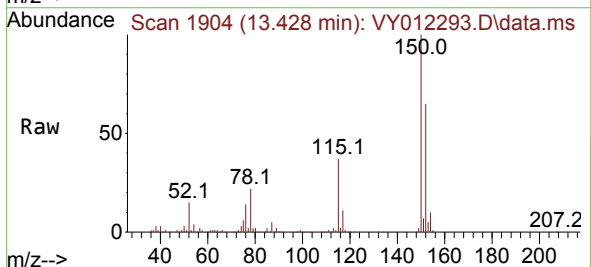
Instrument :
MSVOA_Y
ClientSampleId :
B-P-17B

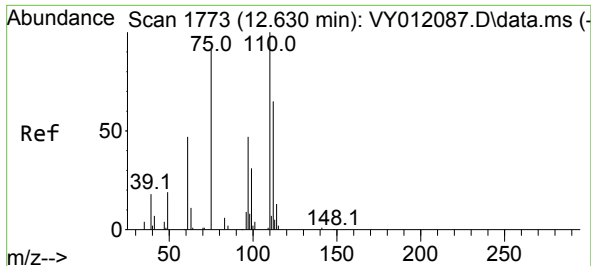
Tgt Ion:117 Resp: 194650
Ion Ratio Lower Upper
117 100
82 50.5 44.8 67.2
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

Tgt Ion:152 Resp: 86164
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 157.7 0.0 342.6

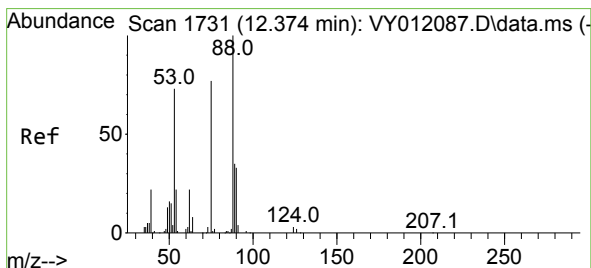
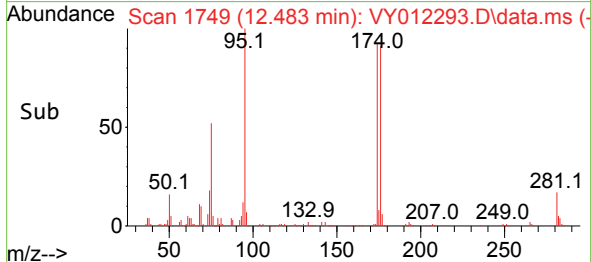
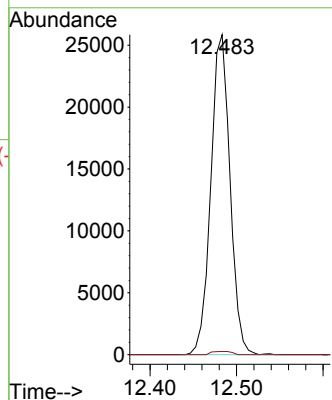
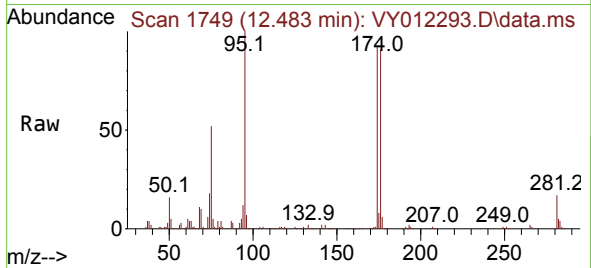




#76
1,2,3-Trichloropropane
Concen: 50.223 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :
B-P-17B

Tgt Ion: 75 Resp: 39792
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.481 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012293.D
Acq: 20 Jan 2023 16:13

Tgt Ion: 75 Resp: 39792
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

