

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012332.D
 Acq On : 24 Jan 2023 10:55
 Operator : KP/MD
 Sample : VY0124SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:30:22 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)

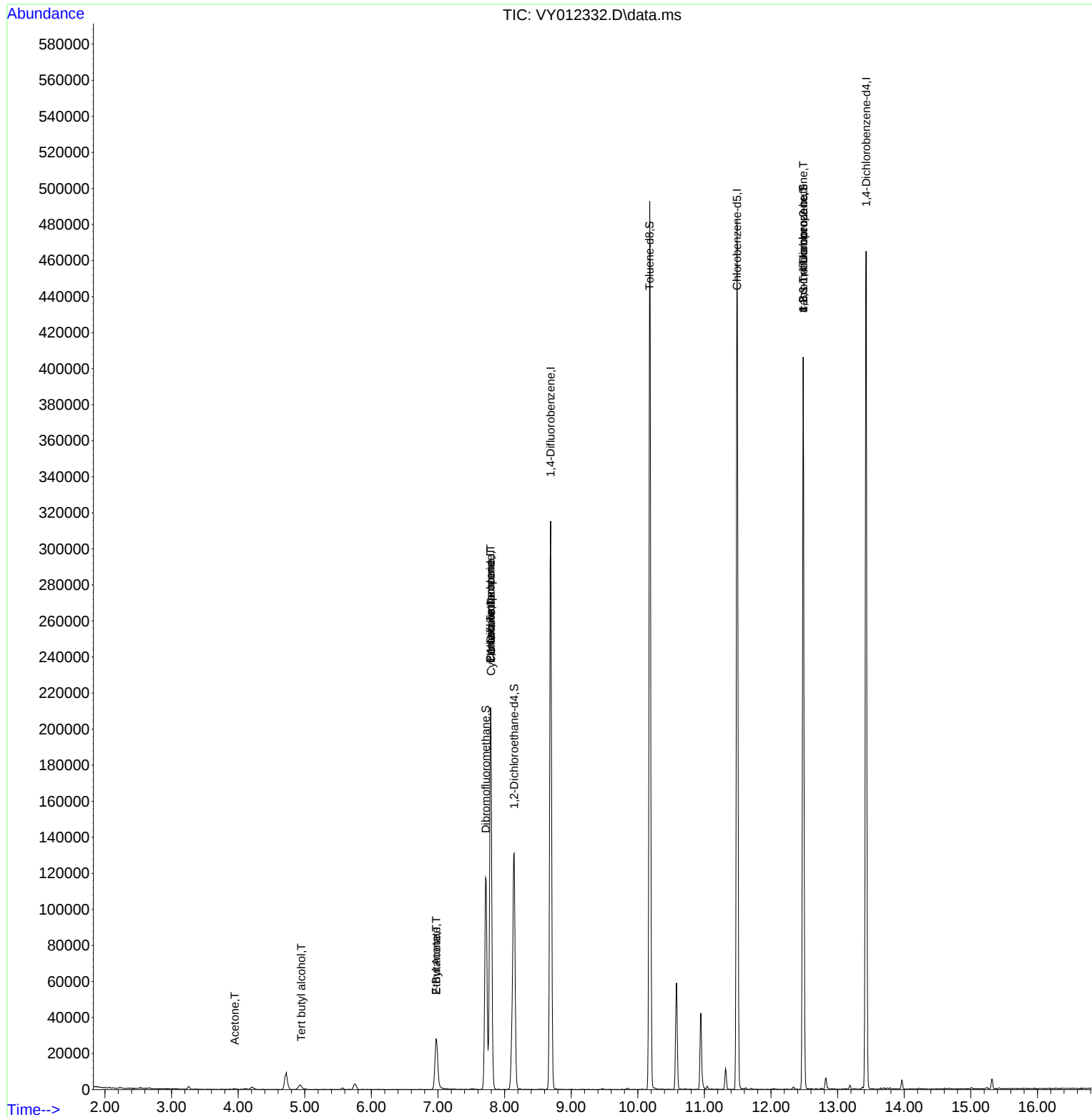
Internal Standards						
1) Pentafluorobenzene	7.789	168	166678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	99232	73.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.380%	
35) Dibromofluoromethane	7.716	113	80908	55.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.200%	
50) Toluene-d8	10.179	98	327020	65.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.260%	
62) 4-Bromofluorobenzene	12.483	95	109572	52.932	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	2520	3.216	ug/l #	74
16) Acetone	3.948	43	648	1.396	ug/l	90
20) Methylene Chloride	4.722	84	7139	Below Cal	#	83
25) 2-Butanone	6.972	43	1232	2.404	ug/l #	69
31) Cyclohexane	7.795	56	3189	1.312	ug/l #	33
36) 1,1-Dichloropropene	7.789	75	11262	4.513	ug/l #	52
37) Ethyl Acetate	6.972	43	1232	1.120	ug/l #	1
38) Carbon Tetrachloride	7.789	117	16830	5.222	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	59837	52.120	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59837	107.390	ug/l #	13

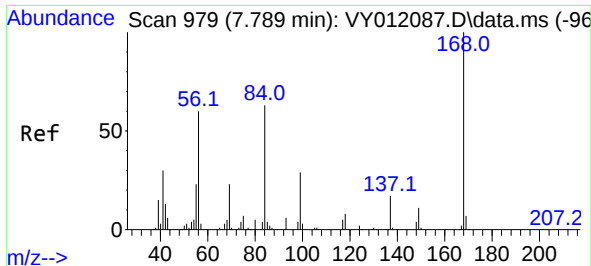
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
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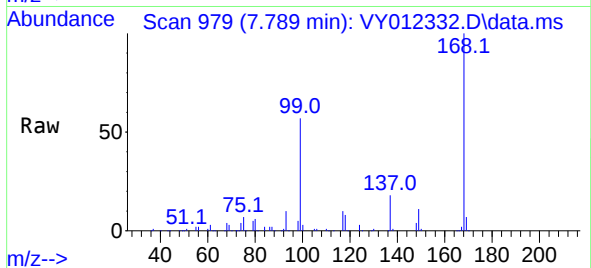
Quant Time: Jan 25 01:30:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
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QLast Update : Tue Jan 17 04:31:47 2023
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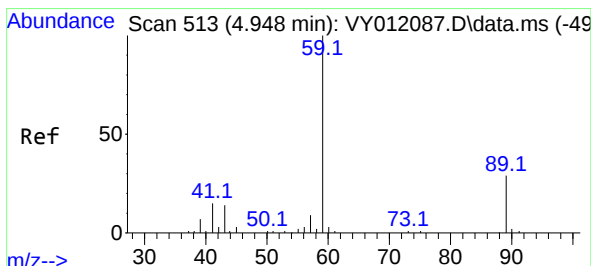
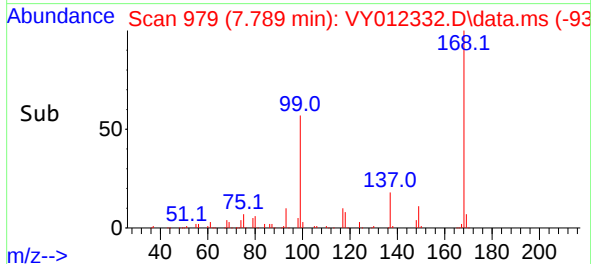
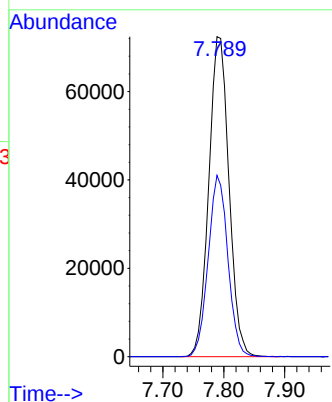


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55

Instrument :
MSVOA_Y
ClientSampleId :

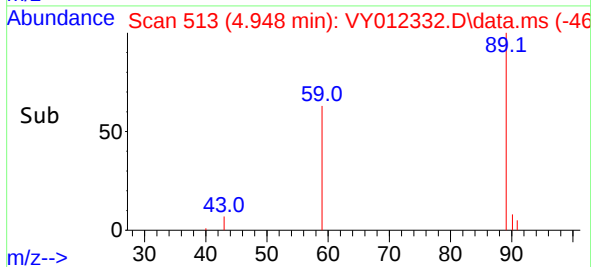
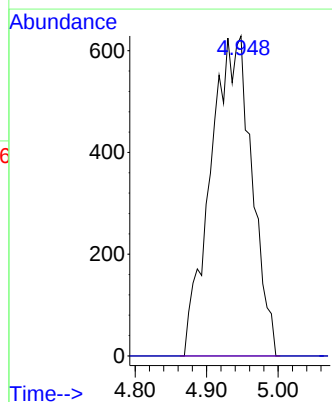
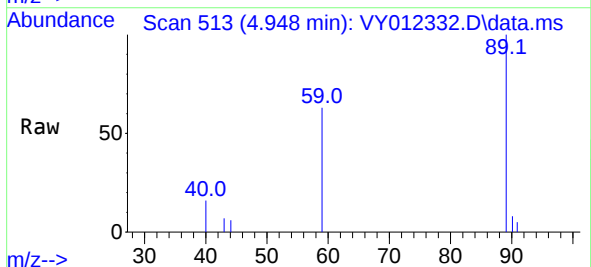


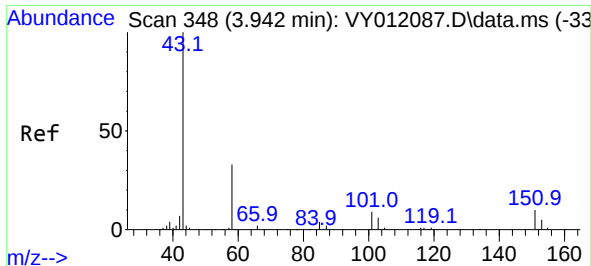
Tgt Ion:168 Resp: 166678
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#11
Tert butyl alcohol
Concen: 3.216 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55

Tgt Ion: 59 Resp: 2520
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

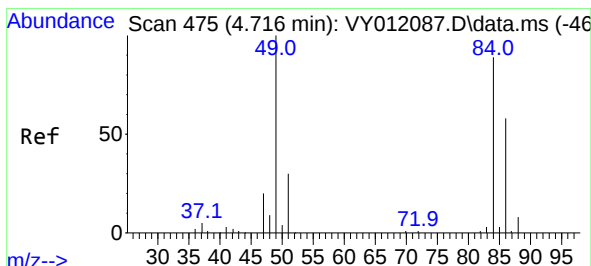
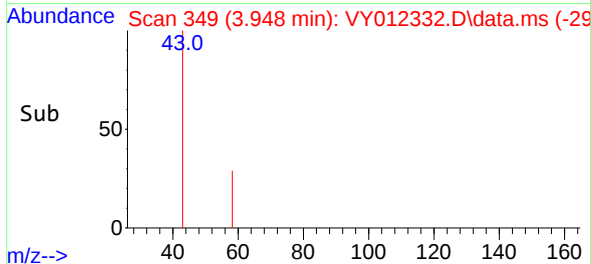
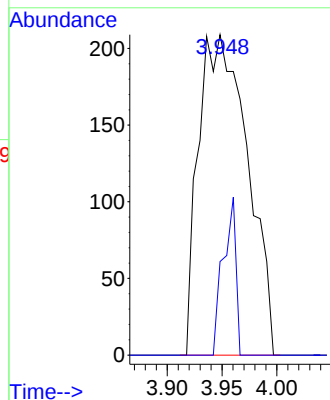
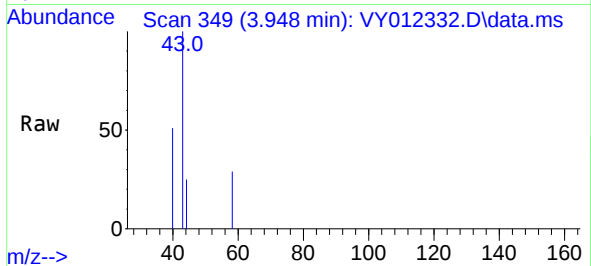




#16
Acetone
Concen: 1.396 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55

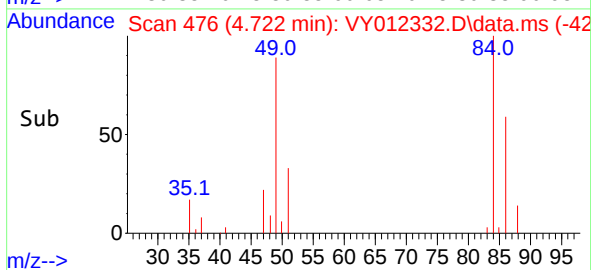
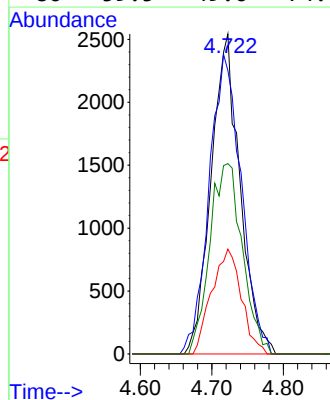
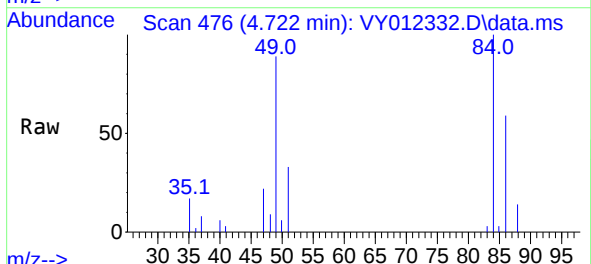
Instrument :
MSVOA_Y
ClientSampleId :

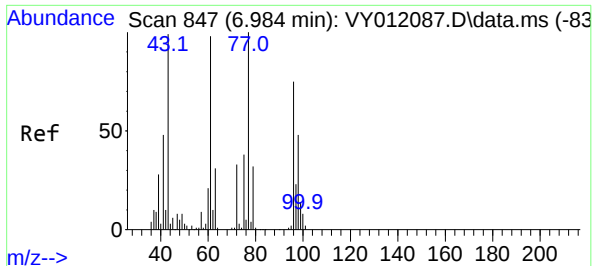
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 29.2 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55

Tgt Ion: 84 Resp: 7139
Ion Ratio Lower Upper
84 100
49 88.6 95.4 143.2#
51 32.8 29.9 44.9
86 59.5 49.6 74.4





#25

2-Butanone

Concen: 2.404 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012332.D

Acq: 24 Jan 2023 10:55

Instrument :

MSVOA_Y

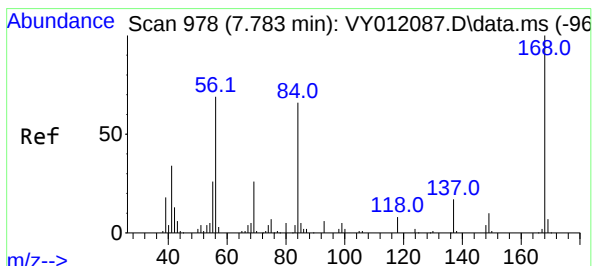
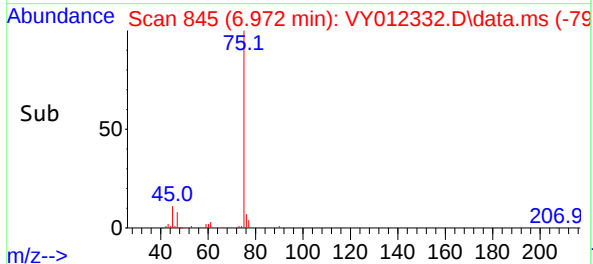
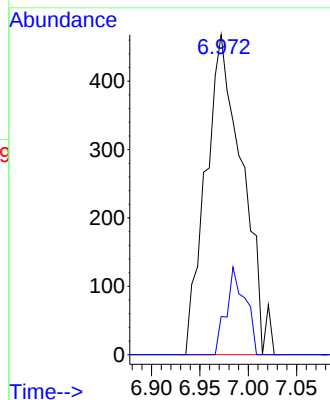
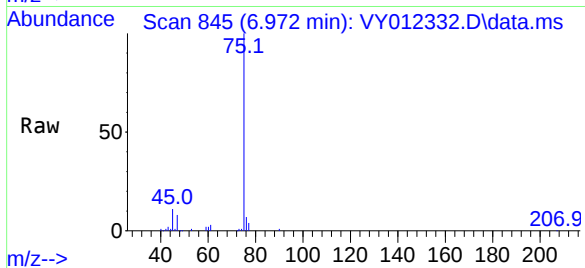
ClientSampleId :

Tgt Ion: 43 Resp: 1232

Ion Ratio Lower Upper

43 100

72 12.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.312 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY012332.D

Acq: 24 Jan 2023 10:55

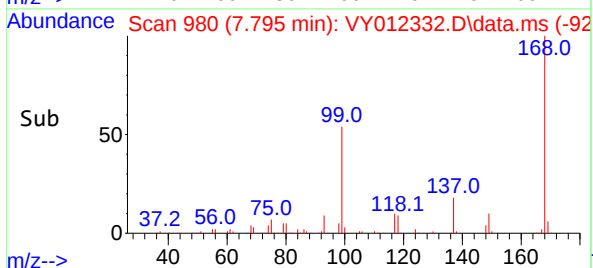
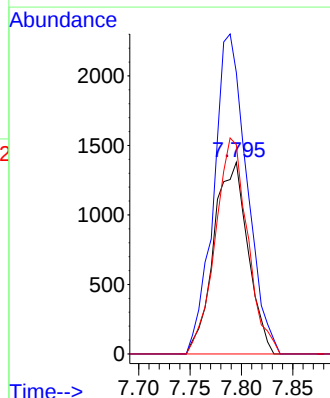
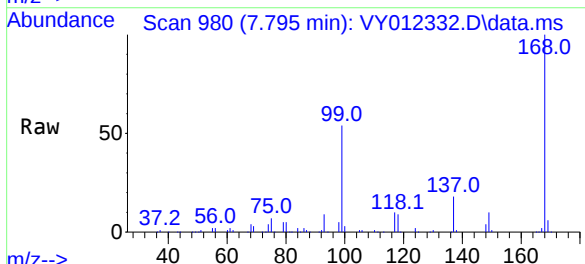
Tgt Ion: 56 Resp: 3189

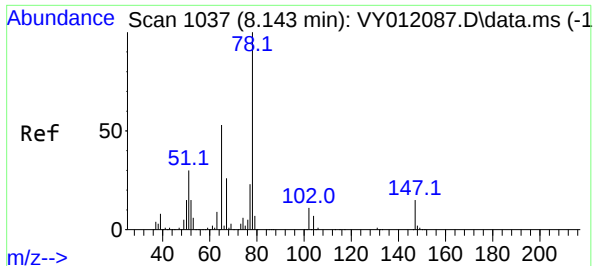
Ion Ratio Lower Upper

56 100

69 146.8 29.2 43.8#

84 109.2 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 73.688 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012332.D

Acq: 24 Jan 2023 10:55

Instrument :

MSVOA_Y

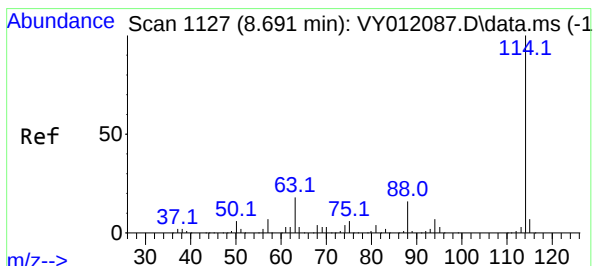
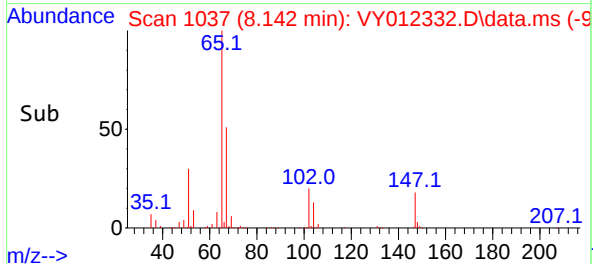
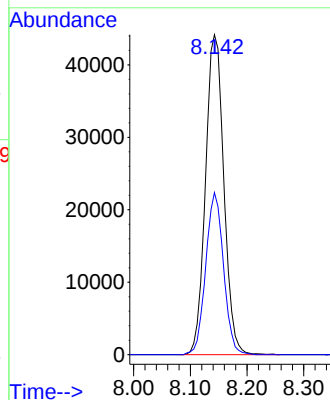
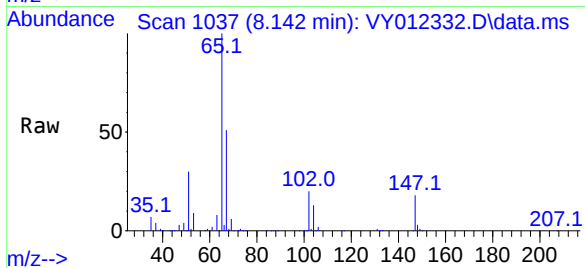
ClientSampleId :

Tgt Ion: 65 Resp: 99232

Ion Ratio Lower Upper

65 100

67 49.1 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: VY012332.D

Acq: 24 Jan 2023 10:55

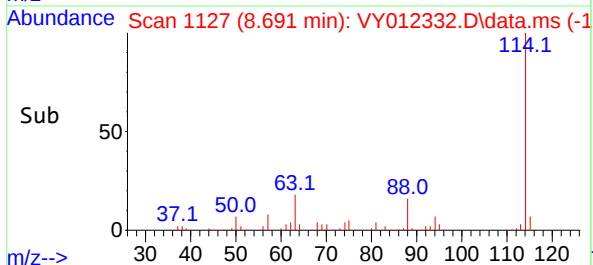
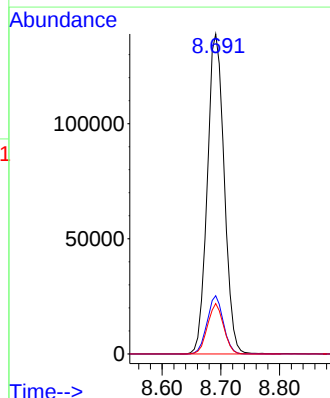
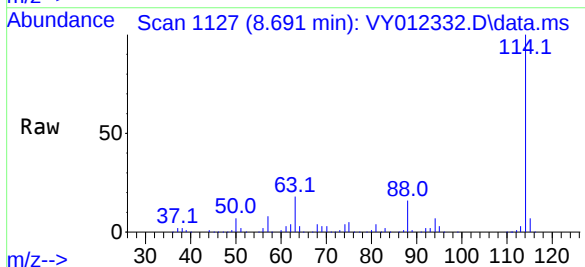
Tgt Ion:114 Resp: 277328

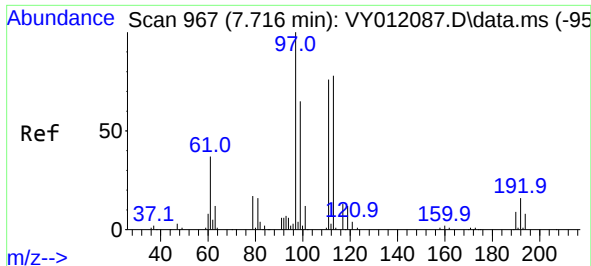
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

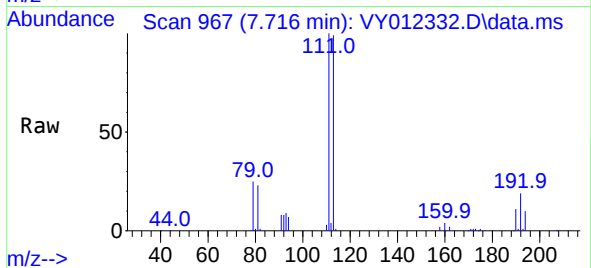
88 15.7 0.0 32.2



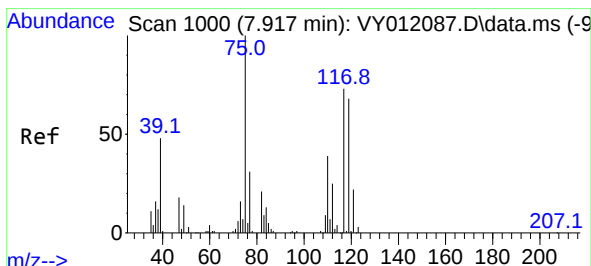
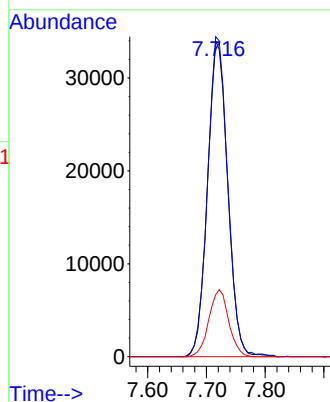
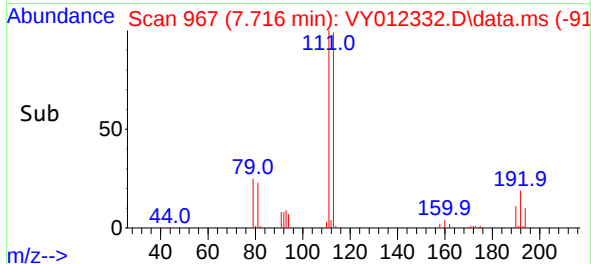


#35
Dibromofluoromethane
Concen: 55.097 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55

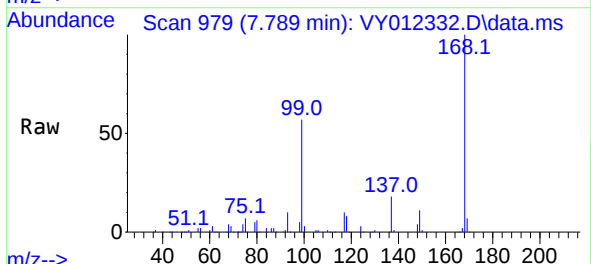
Instrument :
MSVOA_Y
ClientSampleId :



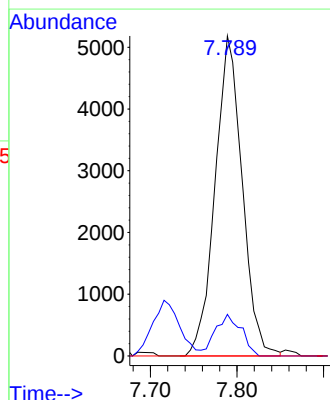
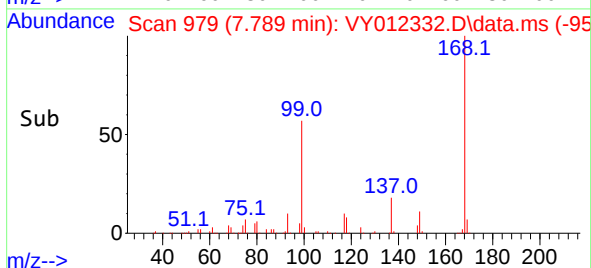
Tgt Ion:113 Resp: 80908
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 20.9 16.0 24.0

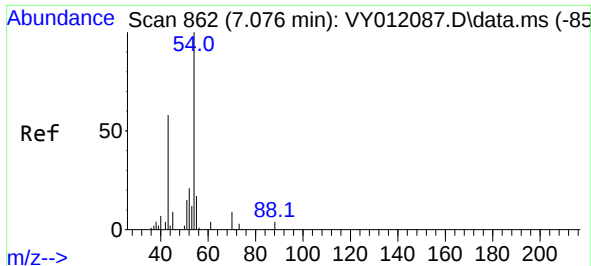


#36
1,1-Dichloropropene
Concen: 4.513 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55



Tgt Ion: 75 Resp: 11262
Ion Ratio Lower Upper
75 100
110 12.4 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.120 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.104 min

Lab File: VY012332.D

Acq: 24 Jan 2023 10:55

Instrument :

MSVOA_Y

ClientSampleId :

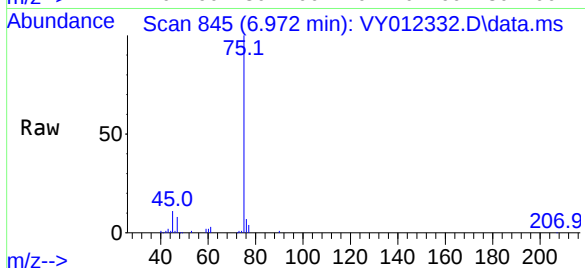
Tgt Ion: 43 Resp: 1232

Ion Ratio Lower Upper

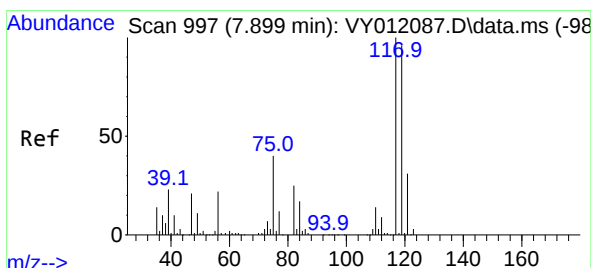
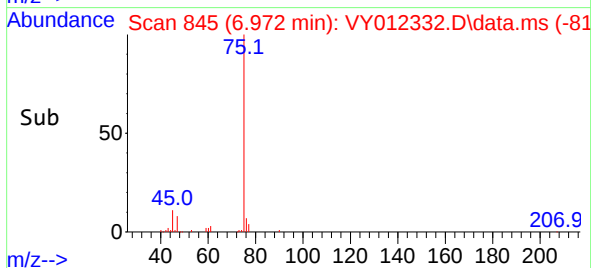
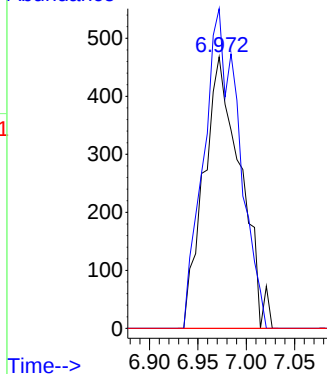
43 100

61 114.0 11.3 16.9#

70 0.0 8.2 12.4#



Abundance



#38

Carbon Tetrachloride

Concen: 5.222 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012332.D

Acq: 24 Jan 2023 10:55

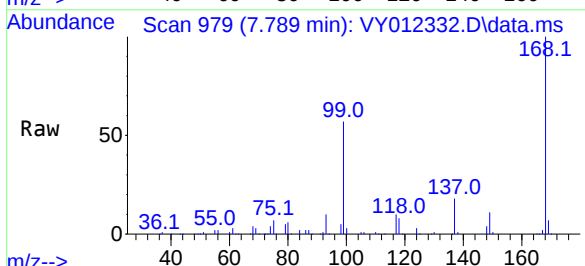
Tgt Ion: 117 Resp: 16830

Ion Ratio Lower Upper

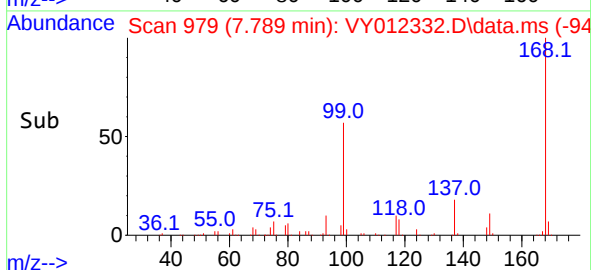
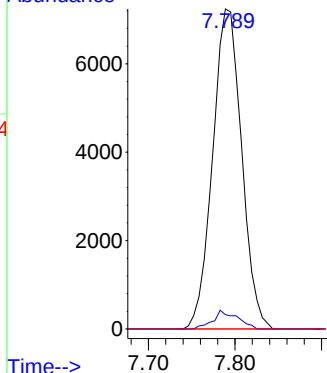
117 100

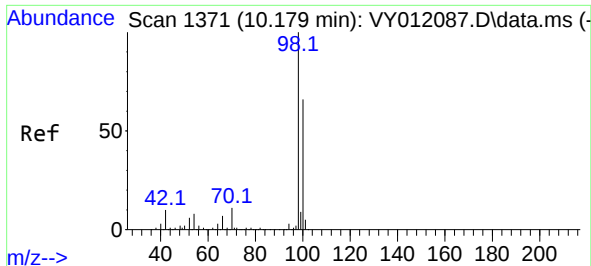
119 4.4 73.8 110.8#

121 0.0 25.2 37.8#



Abundance

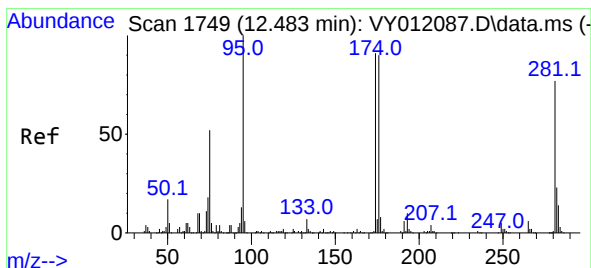
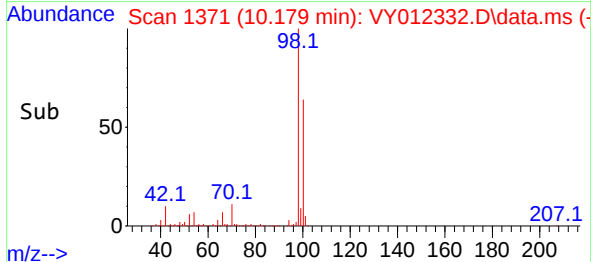
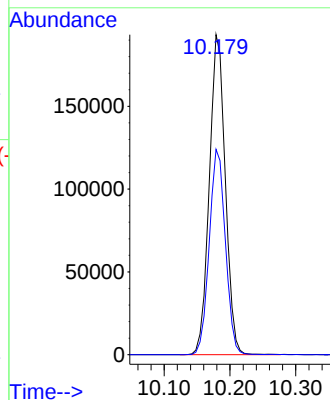
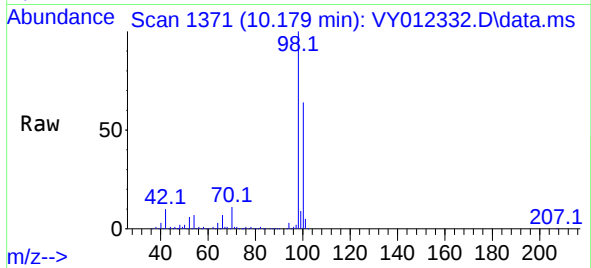




#50
Toluene-d8
Concen: 65.628 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55

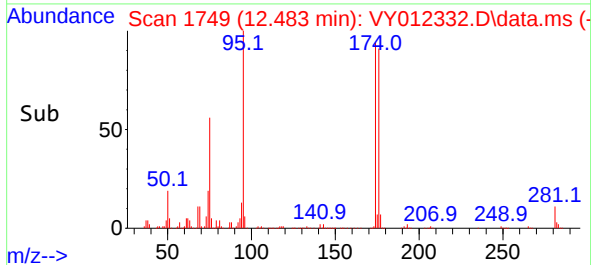
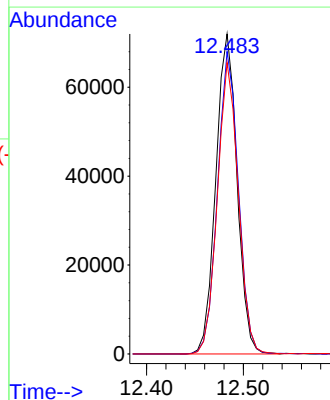
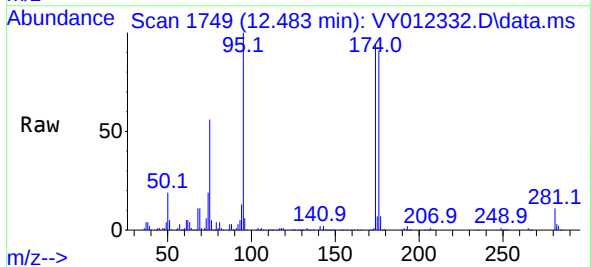
Instrument :
MSVOA_Y
ClientSampleId :

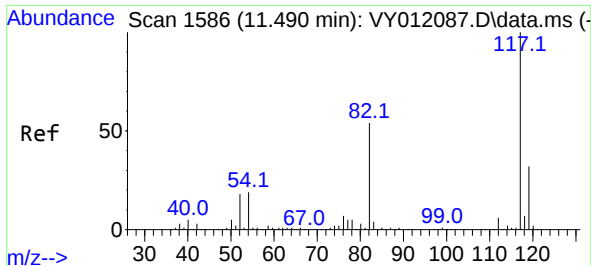
Tgt Ion: 98 Resp: 327020
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55

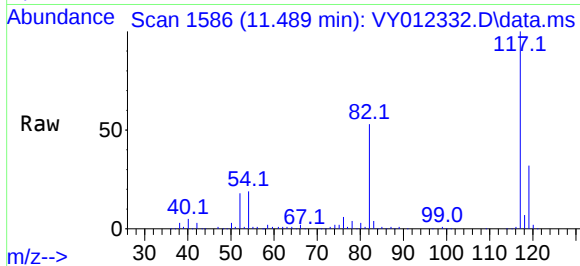
Tgt Ion: 95 Resp: 109572
Ion Ratio Lower Upper
95 100
174 92.9 0.0 172.0
176 89.8 0.0 167.6



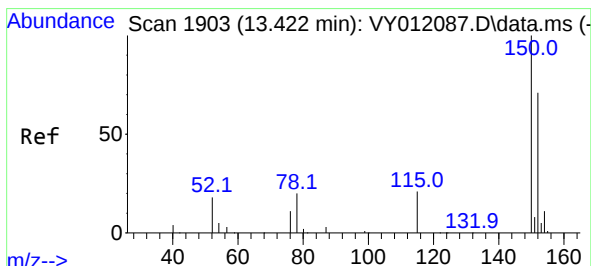
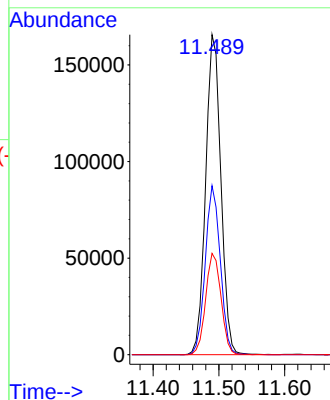
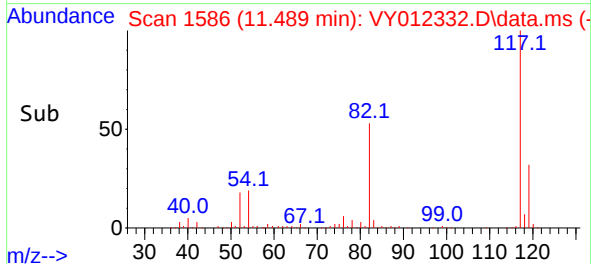


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55

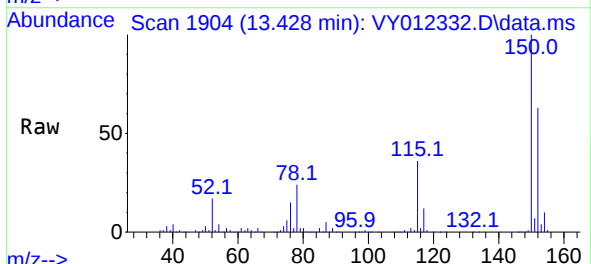
Instrument :
MSVOA_Y
ClientSampleId :



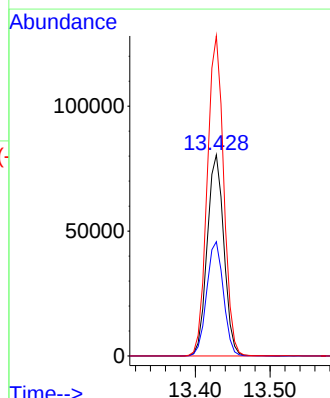
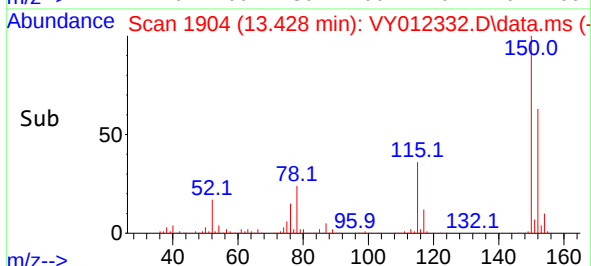
Tgt Ion:117 Resp: 266951
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 31.6 25.4 38.2

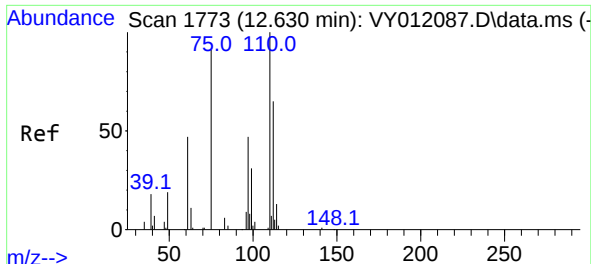


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55



Tgt Ion:152 Resp: 124852
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 157.0 0.0 342.6

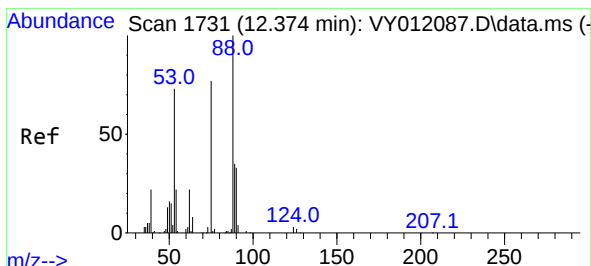
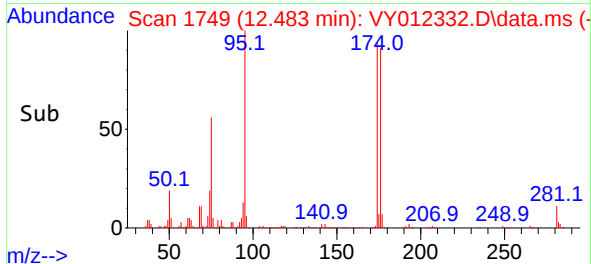
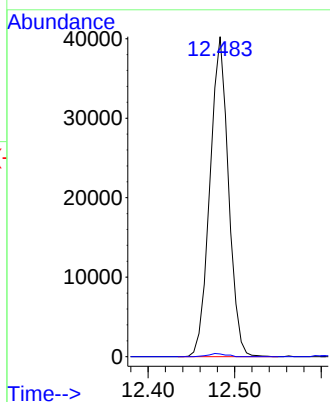
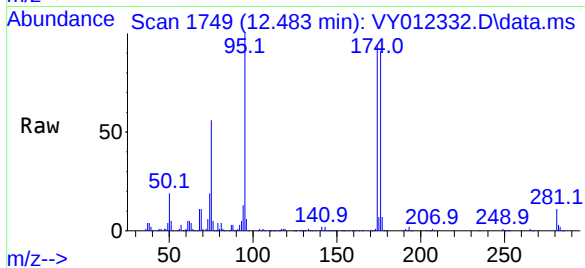




#76
1,2,3-Trichloropropane
Concen: 52.120 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 59837
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.390 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012332.D
Acq: 24 Jan 2023 10:55

Tgt Ion: 75 Resp: 59837
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.2 37.0 55.4#

