

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015402.D
 Acq On : 31 Aug 2023 14:38
 Operator : SY/MD
 Sample : 04243-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 002

Quant Time: Sep 01 00:47:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

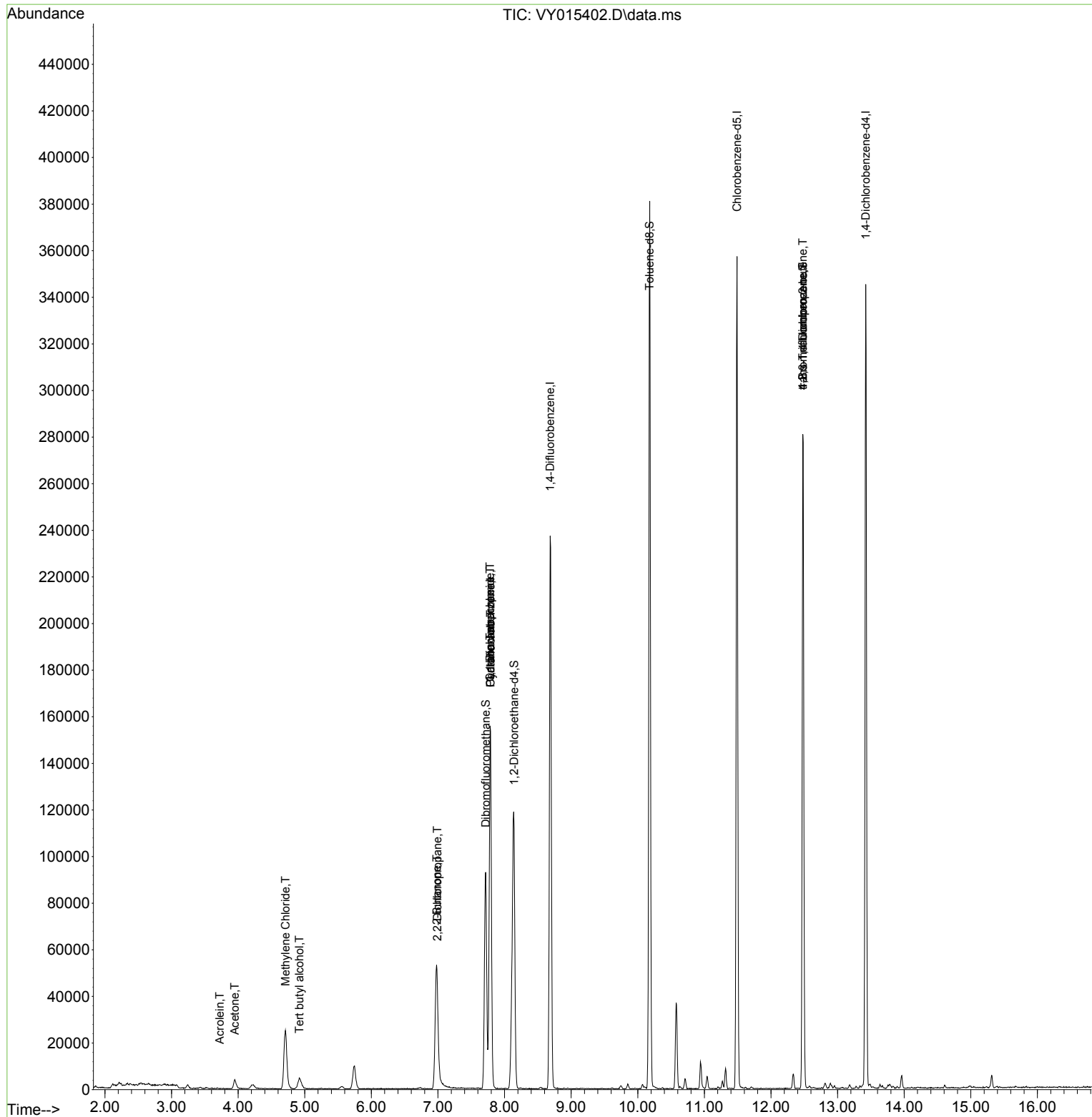
Internal Standards						
1) Pentafluorobenzene	7.789	168	120150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80271	62.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.640%	
35) Dibromofluoromethane	7.716	113	65761	55.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.179	98	242939	56.759	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.520%	
62) 4-Bromofluorobenzene	12.477	95	80050	50.379	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	5394	2.483	ug/l #	89
13) Acrolein	3.723	56	18	11.694	ug/l #	1
16) Acetone	3.948	43	6857	12.755	ug/l	98
20) Methylene Chloride	4.710	84	18845	5.336	ug/l #	89
25) 2-Butanone	6.984	43	4078	5.348	ug/l #	70
26) 2,2-Dichloropropane	6.990	77	4085	2.000	ug/l #	54
31) Cyclohexane	7.789	56	2507	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10203	4.916	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11853	5.530	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	44479	37.974	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44479	83.766	ug/l #	11

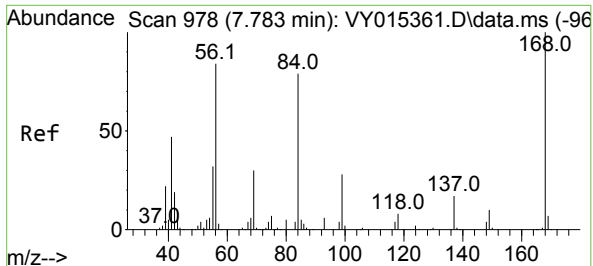
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
Data File : VY015402.D
Acq On : 31 Aug 2023 14:38
Operator : SY/MD
Sample : 04243-02
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
002

Quant Time: Sep 01 00:47:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

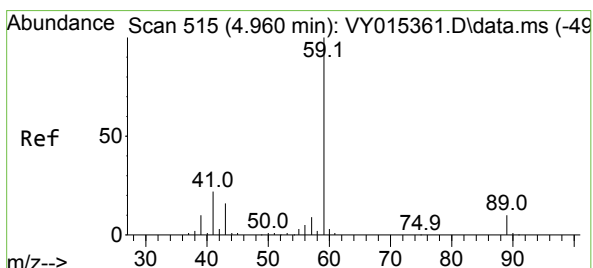
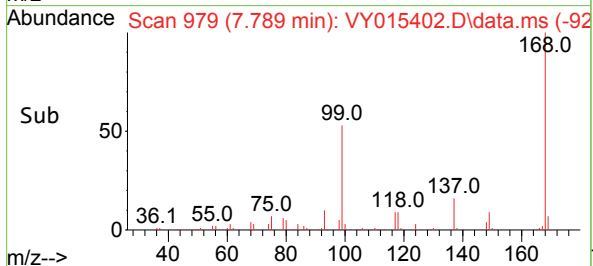
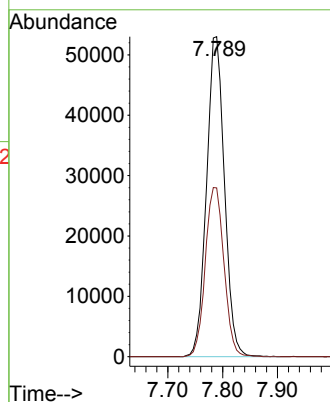
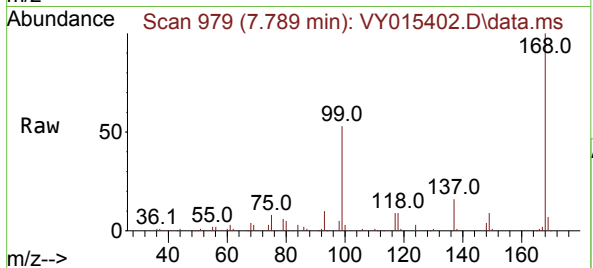




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

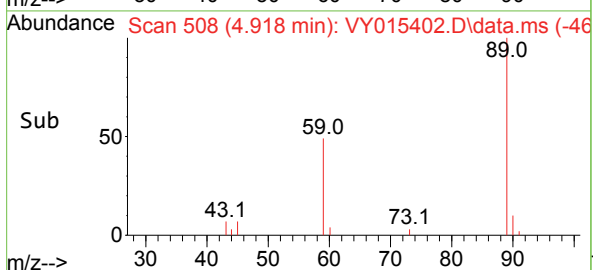
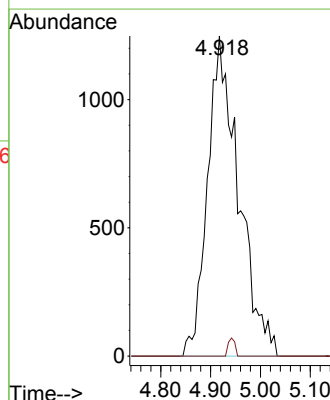
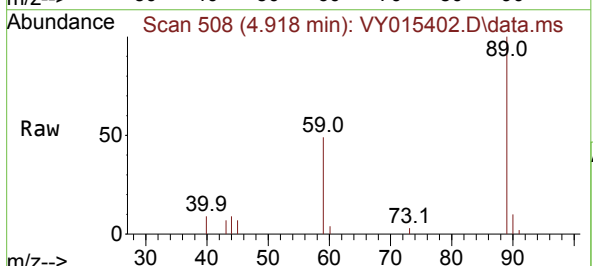
Instrument :
MSVOA_Y
ClientSampleId :
002

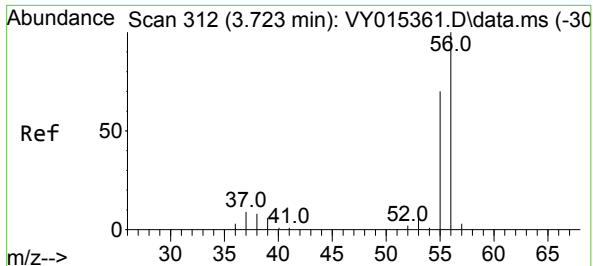
Tgt Ion:168 Resp: 120150
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.483 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

Tgt Ion: 59 Resp: 5394
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#13

Acrolein

Concen: 11.694 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY015402.D

Acq: 31 Aug 2023 14:38

Instrument :

MSVOA_Y

ClientSampleId :

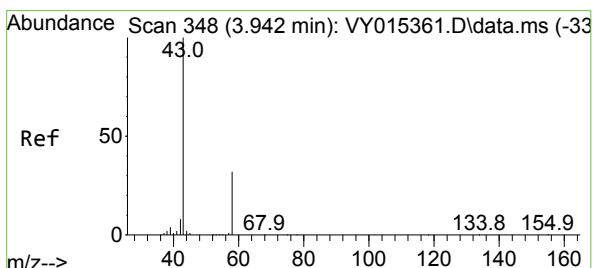
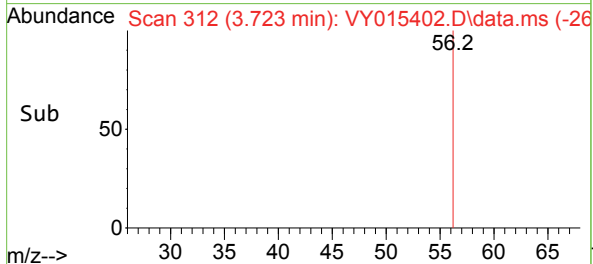
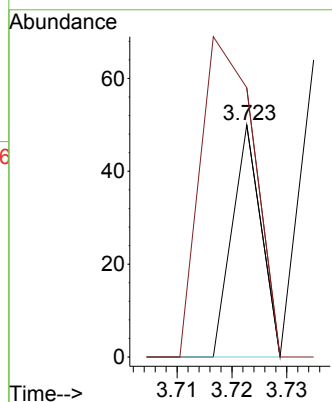
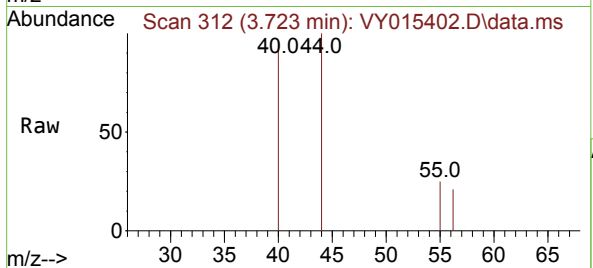
002

Tgt Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

55 255.6 57.0 85.4#



#16

Acetone

Concen: 12.755 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY015402.D

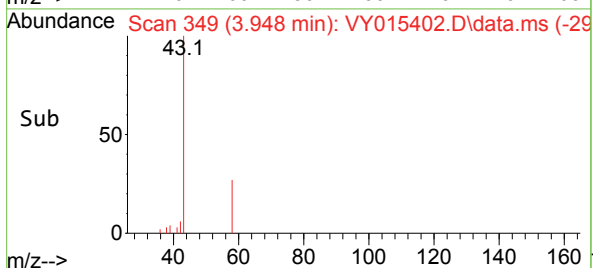
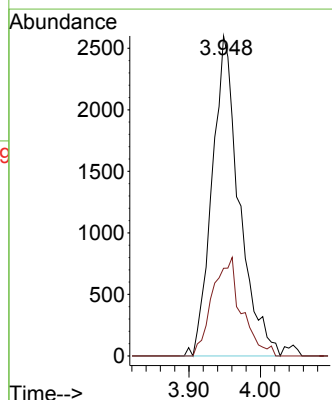
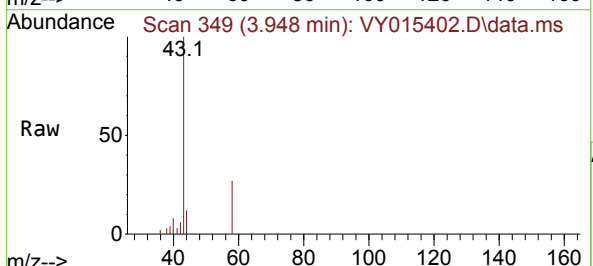
Acq: 31 Aug 2023 14:38

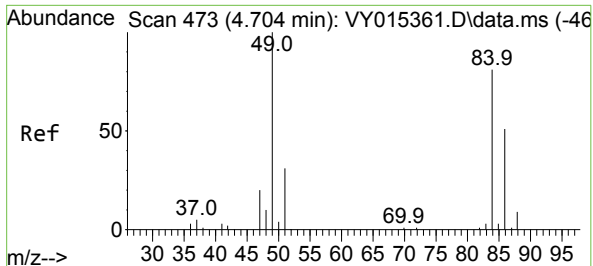
Tgt Ion: 43 Resp: 6857

Ion Ratio Lower Upper

43 100

58 27.4 22.7 34.1

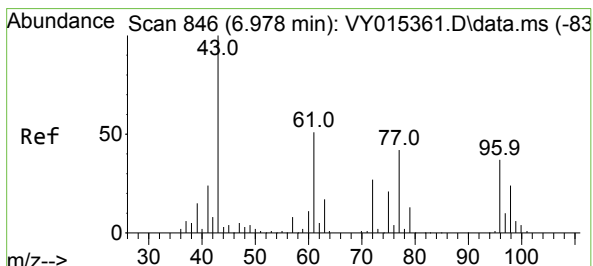
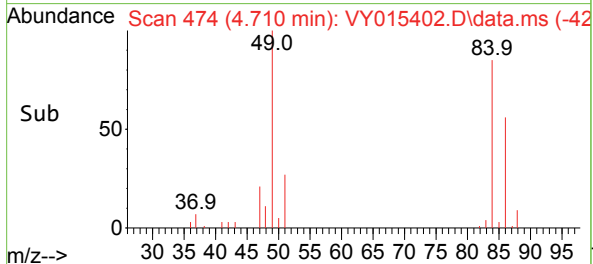
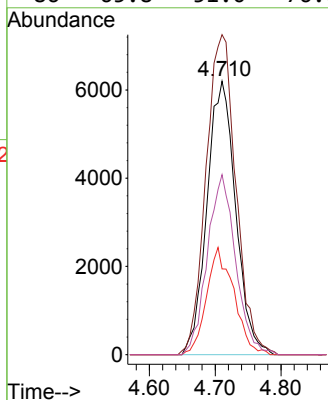
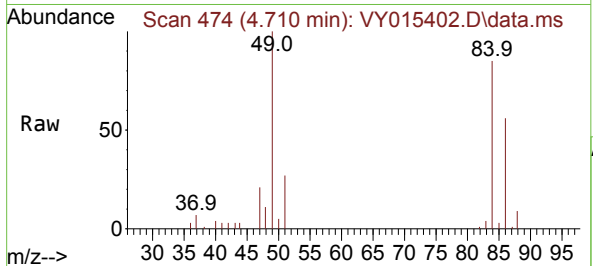




#20
Methylene Chloride
Concen: 5.336 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

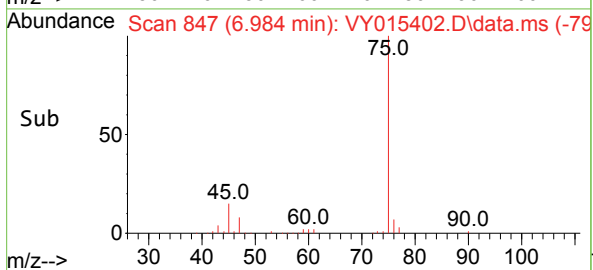
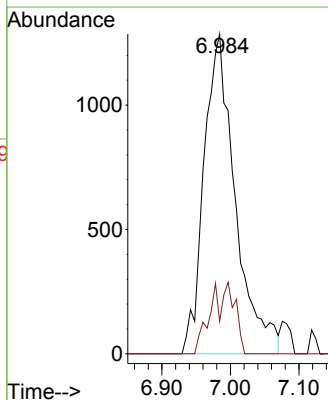
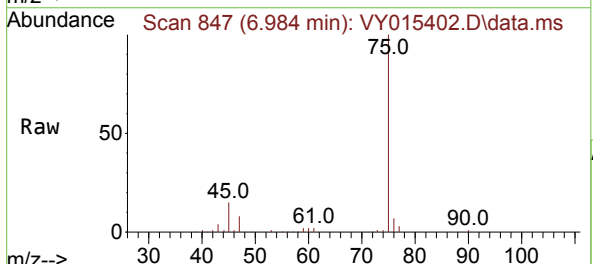
Instrument :
MSVOA_Y
ClientSampleId :
002

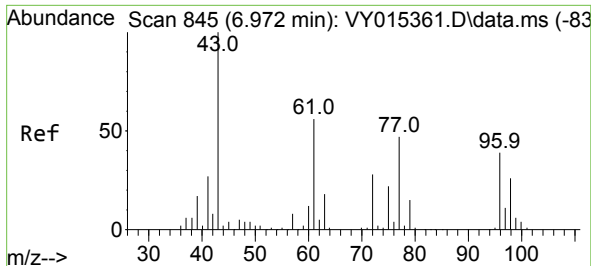
Tgt Ion:	84	Resp:	18845
Ion	Ratio	Lower	Upper
84	100		
49	117.0	106.9	160.3
51	31.3	33.2	49.8#
86	65.8	51.0	76.6



#25
2-Butanone
Concen: 5.348 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

Tgt Ion:	43	Resp:	4078
Ion	Ratio	Lower	Upper
43	100		
72	10.2	20.5	30.7#





#26

2,2-Dichloropropane

Concen: 2.000 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015402.D

Acq: 31 Aug 2023 14:38

Instrument :

MSVOA_Y

ClientSampleId :

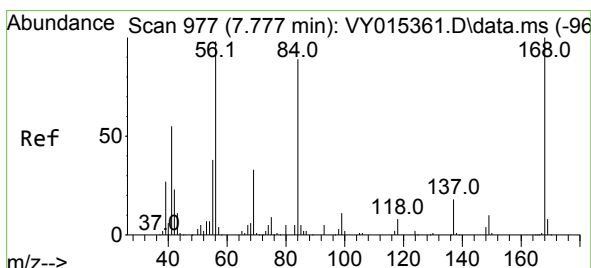
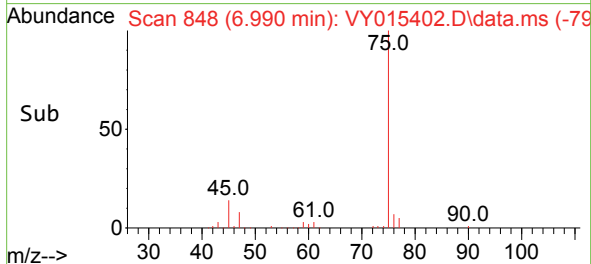
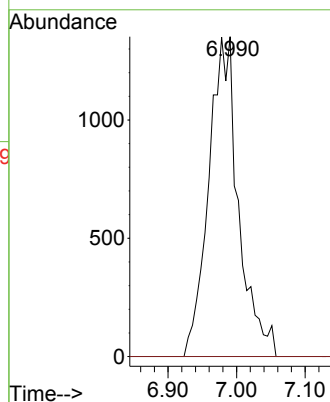
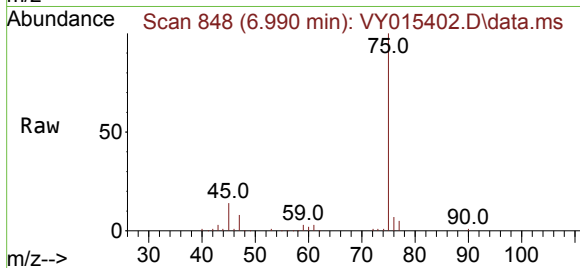
002

Tgt Ion: 77 Resp: 4085

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.096 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015402.D

Acq: 31 Aug 2023 14:38

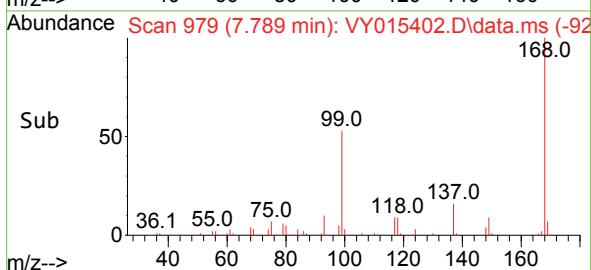
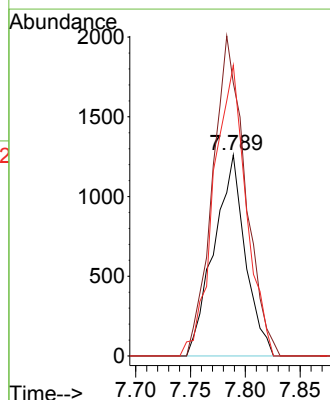
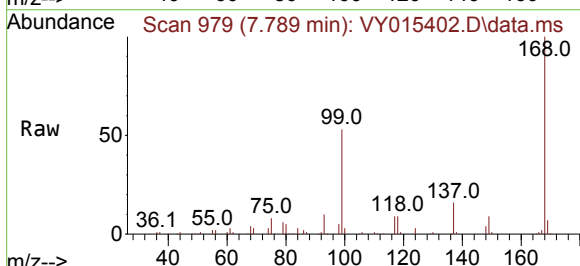
Tgt Ion: 56 Resp: 2507

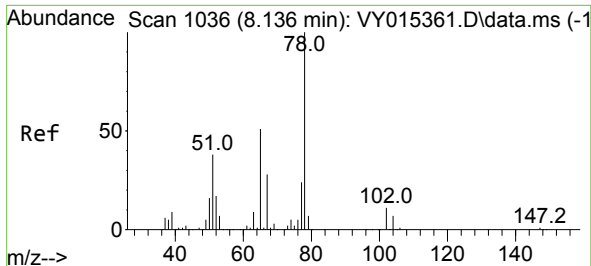
Ion Ratio Lower Upper

56 100

69 135.8 27.8 41.6#

84 144.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 62.323 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015402.D

Acq: 31 Aug 2023 14:38

Instrument :

MSVOA_Y

ClientSampleId :

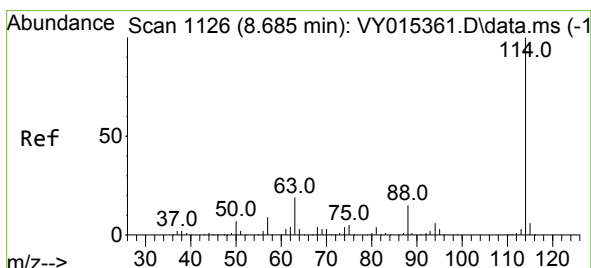
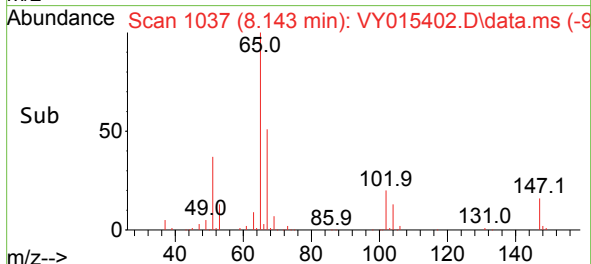
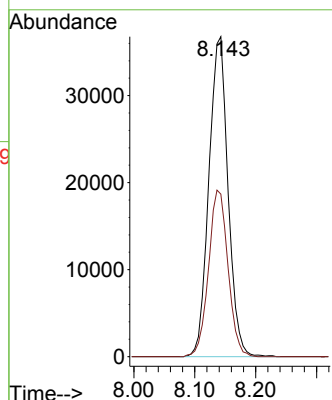
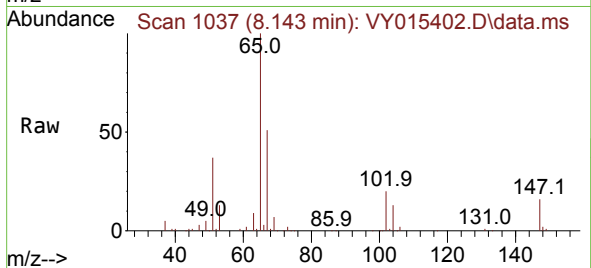
002

Tgt Ion: 65 Resp: 80271

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015402.D

Acq: 31 Aug 2023 14:38

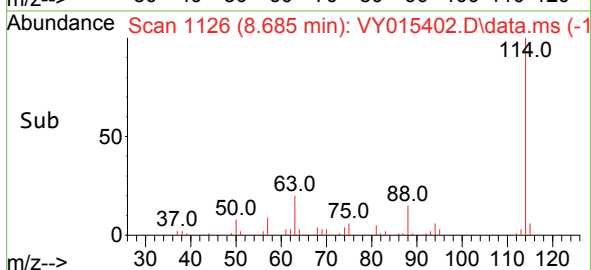
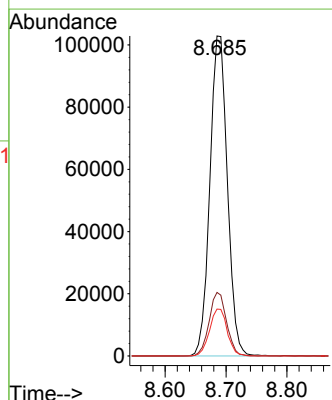
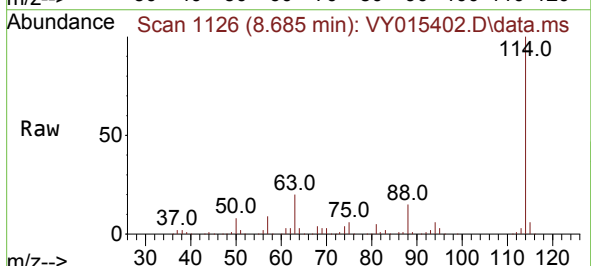
Tgt Ion: 114 Resp: 205202

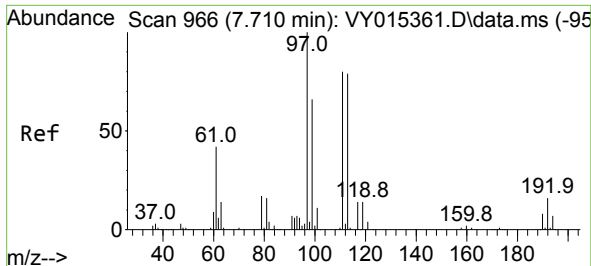
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 14.6 0.0 30.6

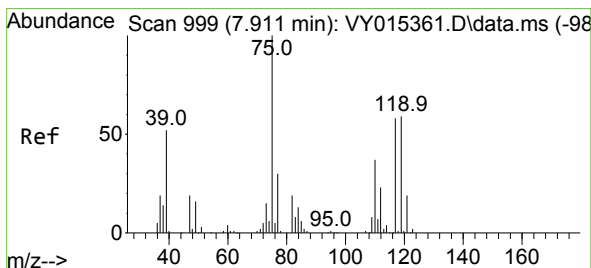
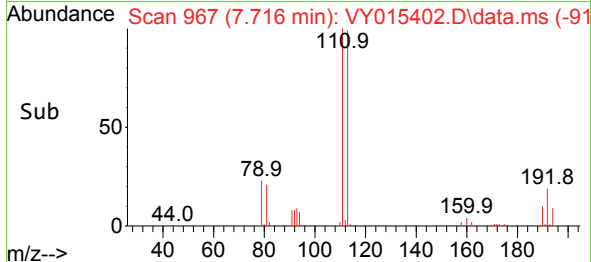
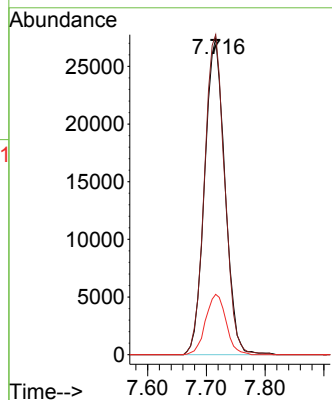
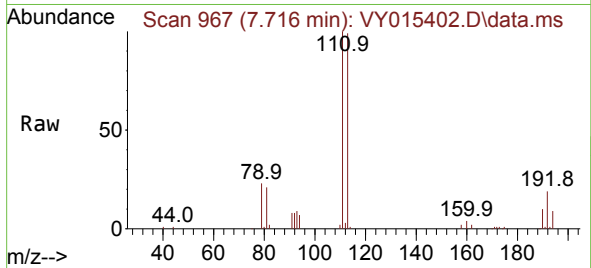




#35
Dibromofluoromethane
Concen: 55.639 ug/l
RT: 7.716 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

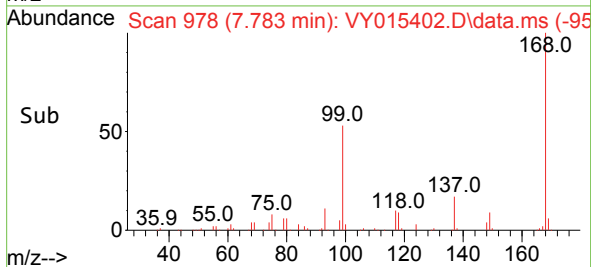
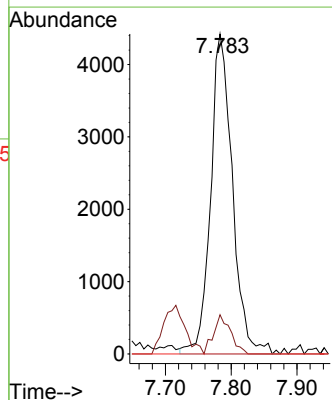
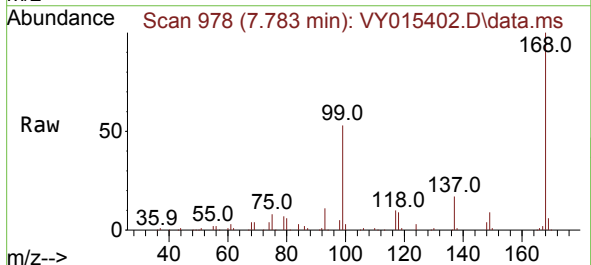
Instrument :
MSVOA_Y
ClientSampleId :
002

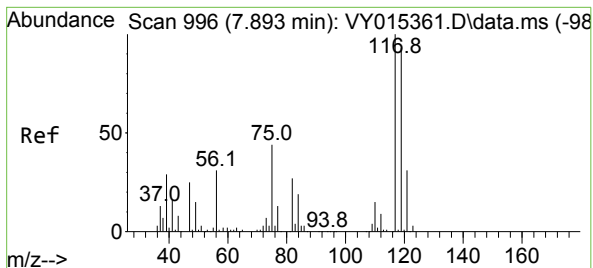
Tgt Ion:113 Resp: 65761
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

Tgt Ion: 75 Resp: 10203
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.530 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY015402.D

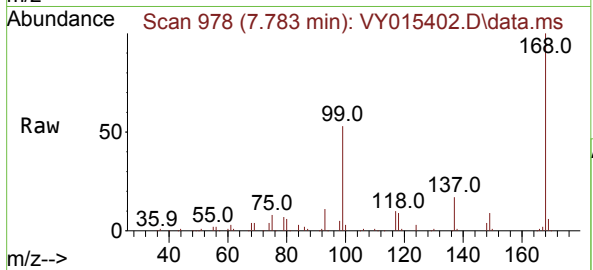
Acq: 31 Aug 2023 14:38

Instrument :

MSVOA_Y

ClientSampleId :

002



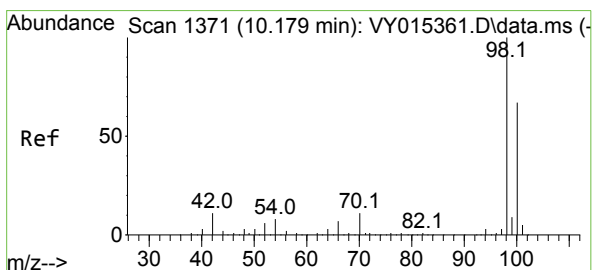
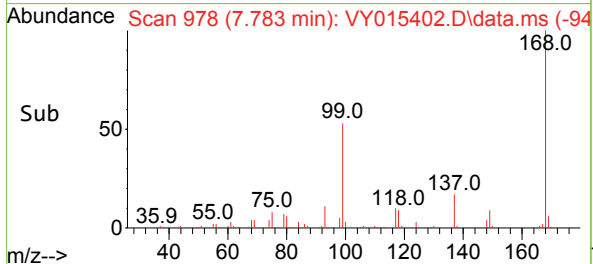
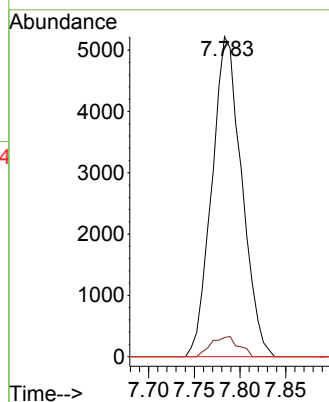
Tgt Ion:117 Resp: 11853

Ion Ratio Lower Upper

117 100

119 6.0 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 56.759 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015402.D

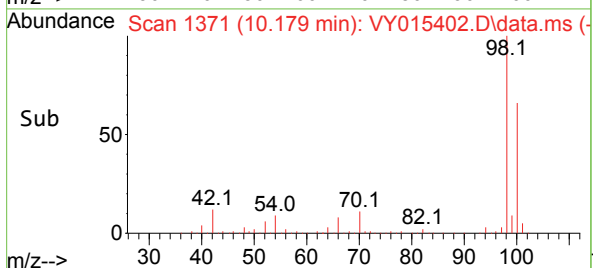
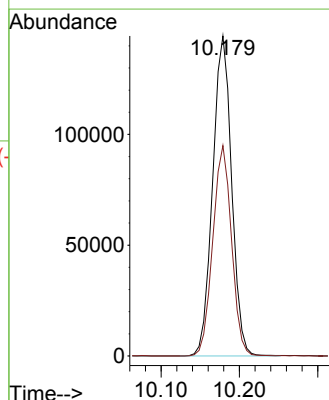
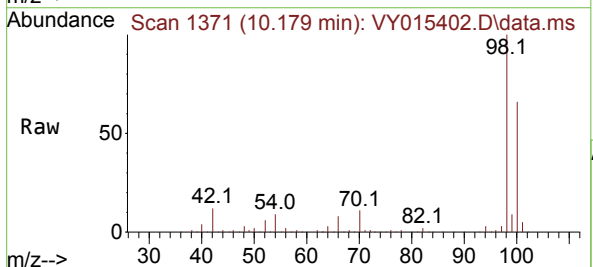
Acq: 31 Aug 2023 14:38

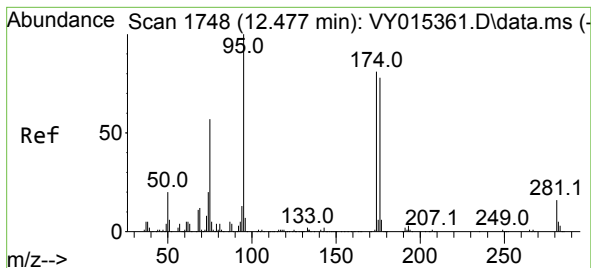
Tgt Ion: 98 Resp: 242939

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 50.379 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015402.D

Acq: 31 Aug 2023 14:38

Instrument :

MSVOA_Y

ClientSampleId :

002

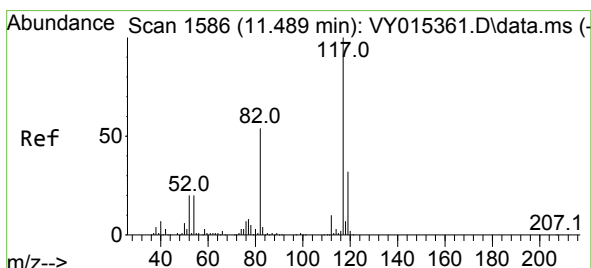
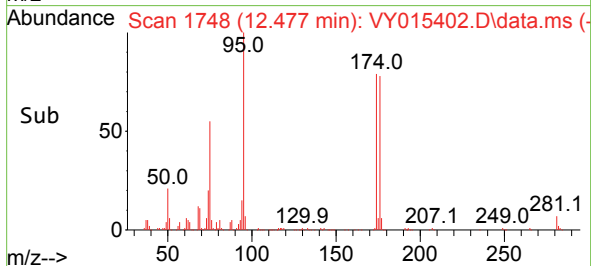
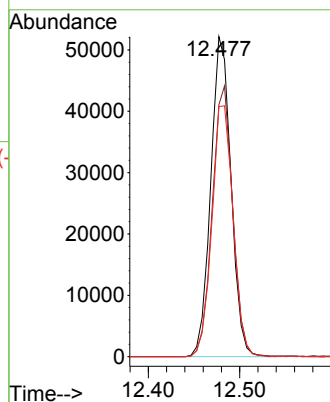
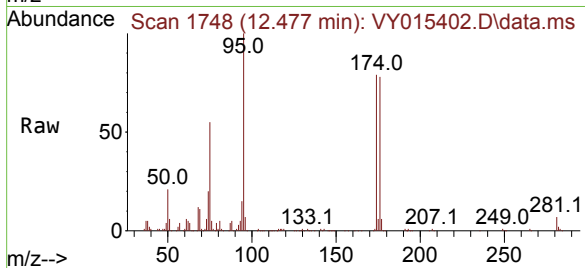
Tgt Ion: 95 Resp: 80050

Ion Ratio Lower Upper

95 100

174 85.6 0.0 178.2

176 82.4 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY015402.D

Acq: 31 Aug 2023 14:38

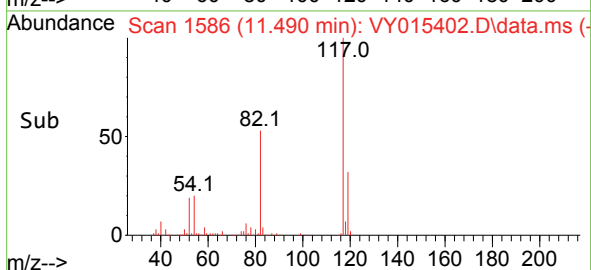
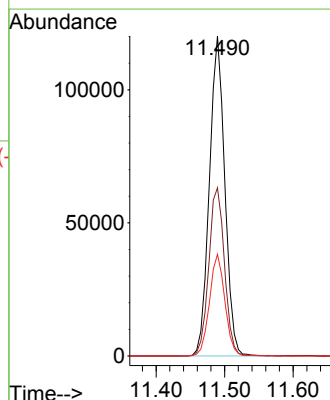
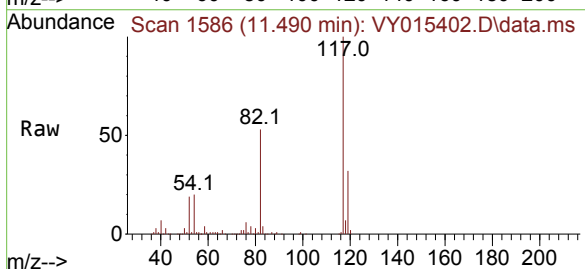
Tgt Ion: 117 Resp: 188269

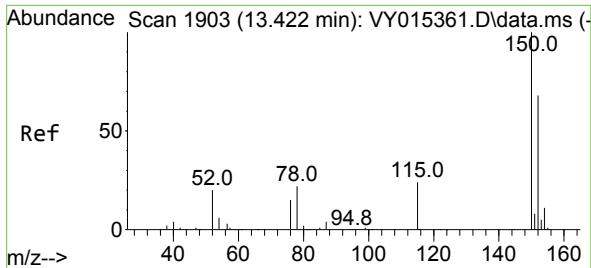
Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 31.8 26.3 39.5

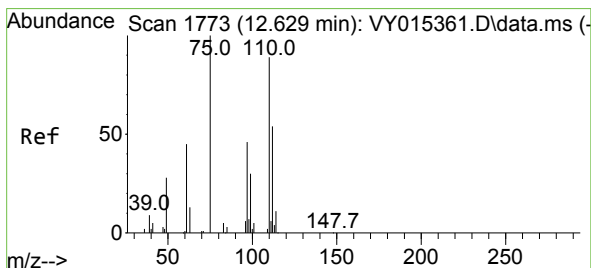
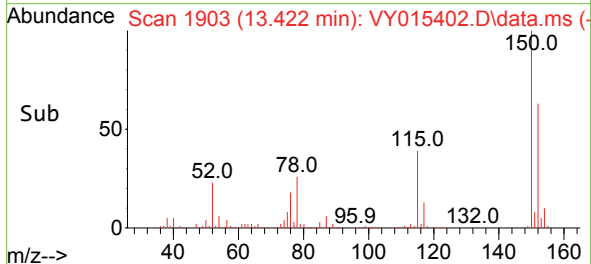
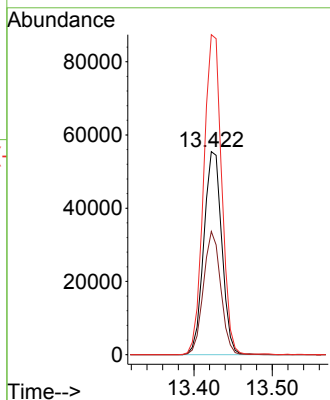
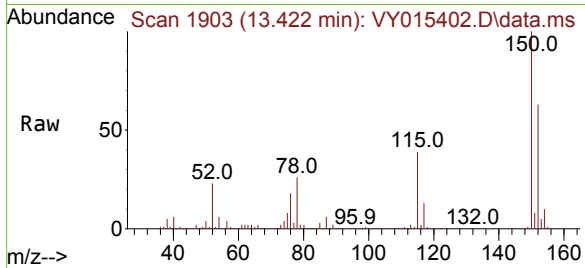




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015402.D
 Acq: 31 Aug 2023 14:38

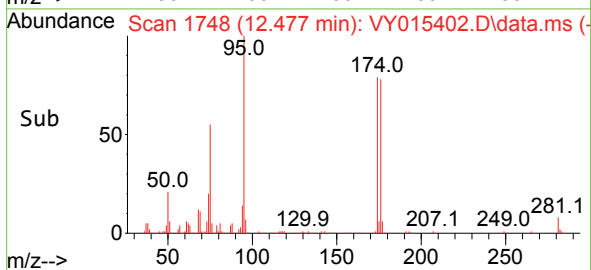
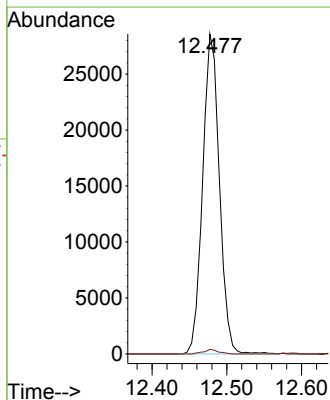
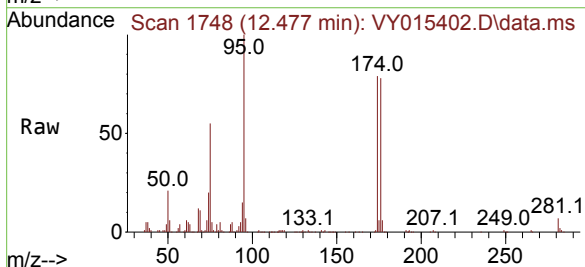
Instrument :
 MSVOA_Y
 ClientSampleId :
 002

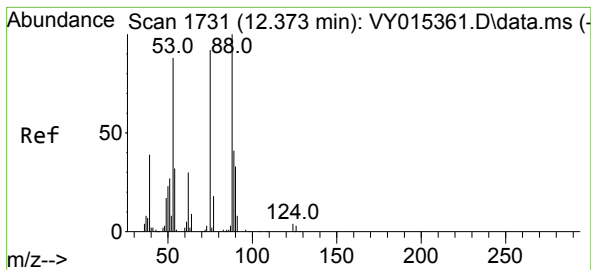
Tgt Ion:152 Resp: 88327
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 157.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.974 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015402.D
 Acq: 31 Aug 2023 14:38

Tgt Ion: 75 Resp: 44479
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.766 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015402.D
 Acq: 31 Aug 2023 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 002

Tgt Ion: 75 Resp: 44479
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

