

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015374.D
 Acq On : 30 Aug 2023 13:52
 Operator : SY/MD
 Sample : 04203-04
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:00:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

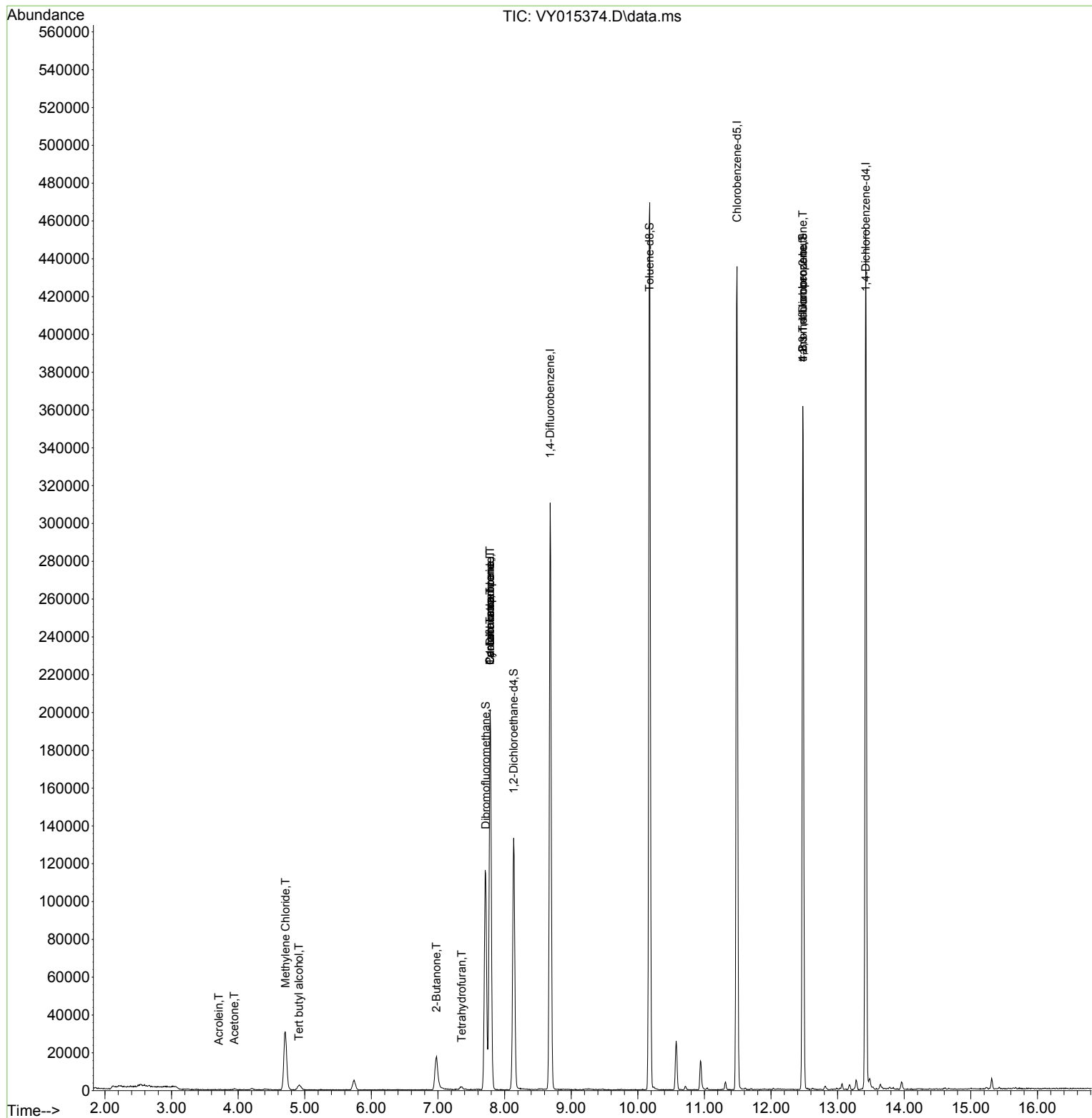
Internal Standards						
1) Pentafluorobenzene	7.783	168	156039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102740	61.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.840%	
35) Dibromofluoromethane	7.716	113	82085	54.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.940%	
50) Toluene-d8	10.179	98	310518	56.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.800%	
62) 4-Bromofluorobenzene	12.477	95	104446	51.552	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	3179	8.196	ug/l #	89
13) Acrolein	3.710	56	27	11.701	ug/l #	14
16) Acetone	3.942	43	908	1.301	ug/l #	78
20) Methylene Chloride	4.710	84	23298	4.764	ug/l	90
25) 2-Butanone	6.978	43	1193	1.205	ug/l #	49
29) Tetrahydrofuran	7.356	42	976	1.569	ug/l #	59
31) Cyclohexane	7.783	56	3292	1.108	ug/l #	31
36) 1,1-Dichloropropene	7.783	75	12301	4.649	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15590	5.704	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	57750	38.450	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	57750	84.467	ug/l #	11

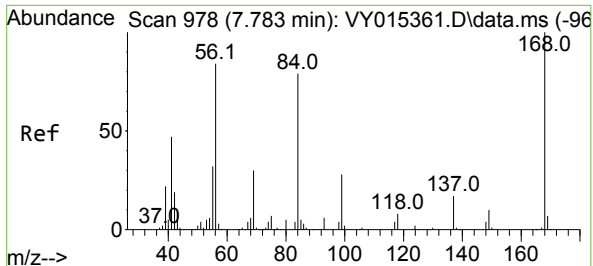
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
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Quant Time: Aug 31 01:00:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
Response via : Initial Calibration

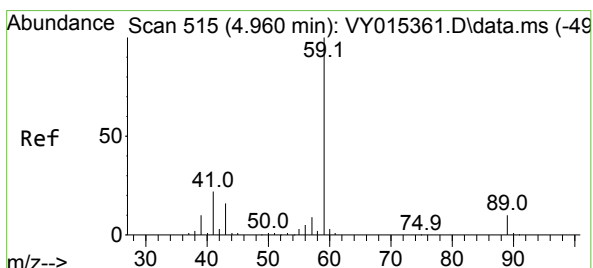
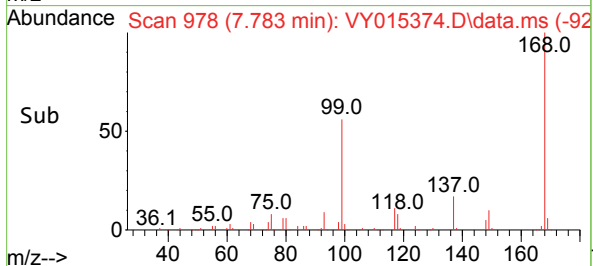
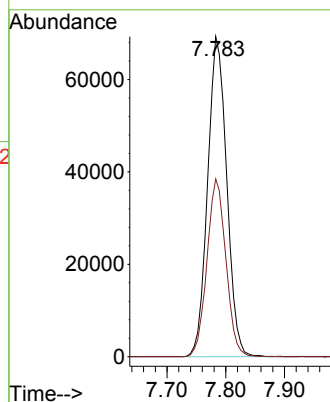
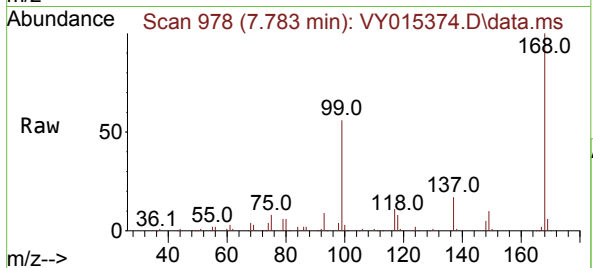




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

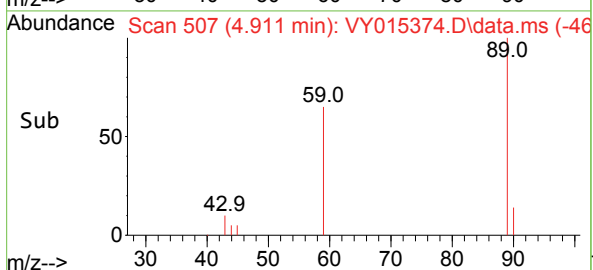
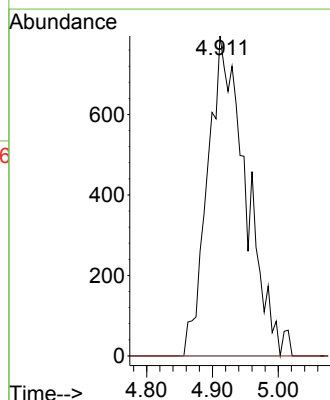
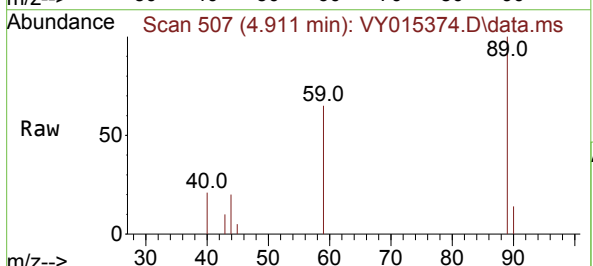
Instrument :
MSVOA_Y
ClientSampleId :

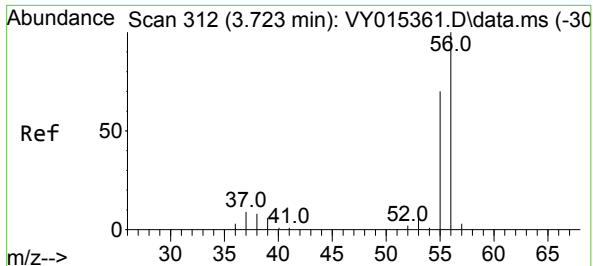
Tgt Ion:168 Resp: 156039
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.196 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.043 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

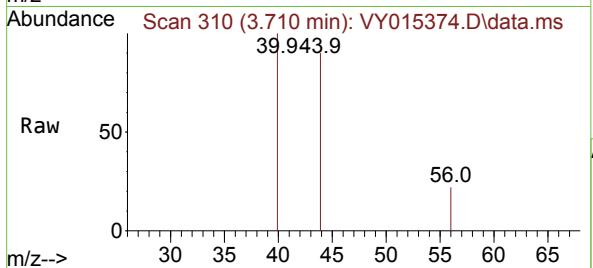
Tgt Ion: 59 Resp: 3179
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



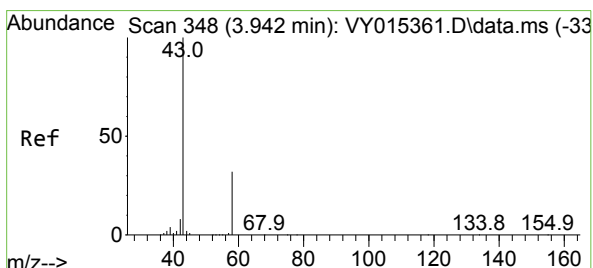
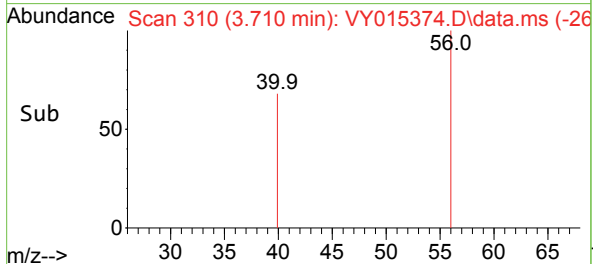
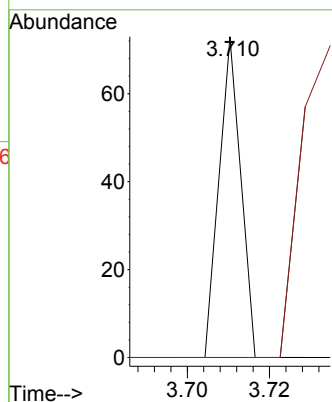


#13
Acrolein
Concen: 11.701 ug/l
RT: 3.710 min Scan# 312
Delta R.T. -0.013 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

Instrument :
MSVOA_Y
ClientSampleId :

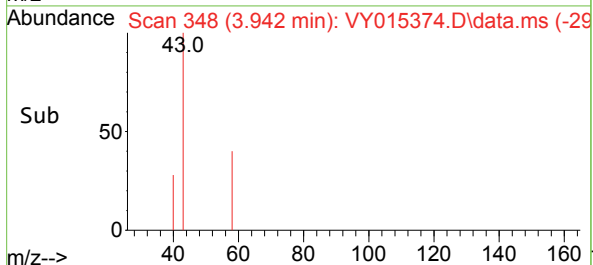
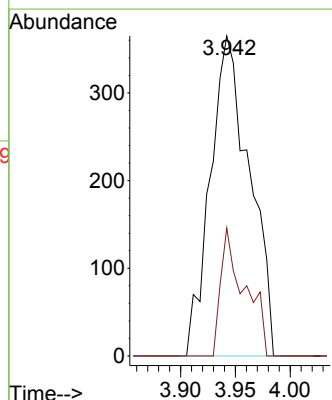
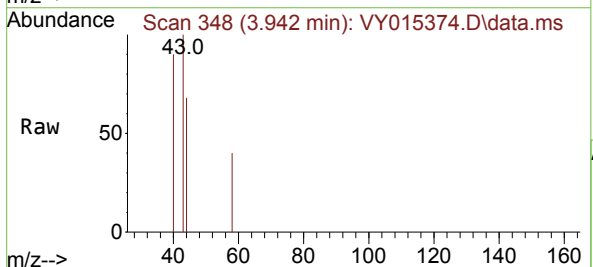


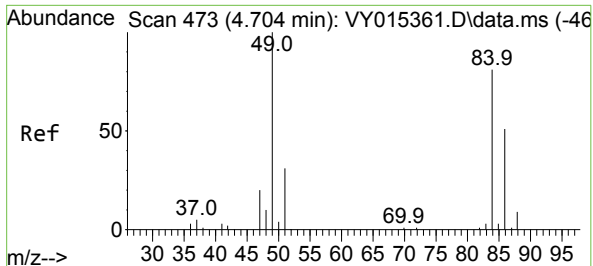
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#16
Acetone
Concen: 1.301 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 40.0 22.7 34.1#





#20

Methylene Chloride

Concen: 4.764 ug/l

RT: 4.710 min Scan# 473

Delta R.T. 0.006 min

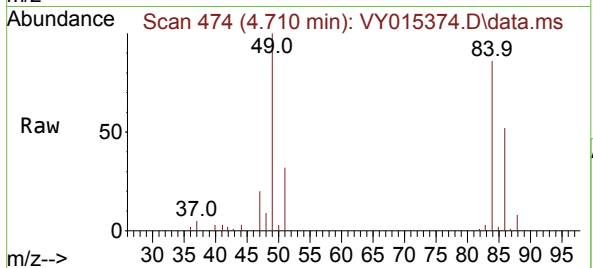
Lab File: VY015374.D

Acq: 30 Aug 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 23298

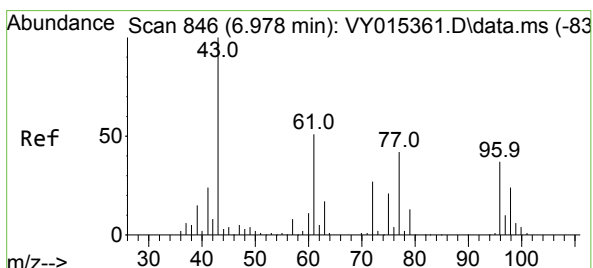
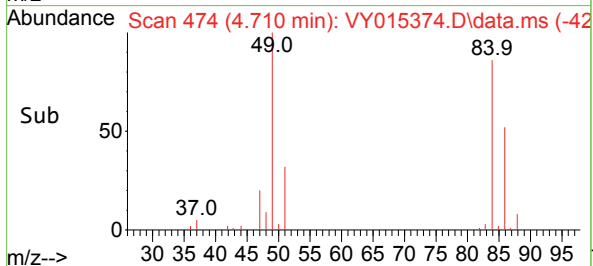
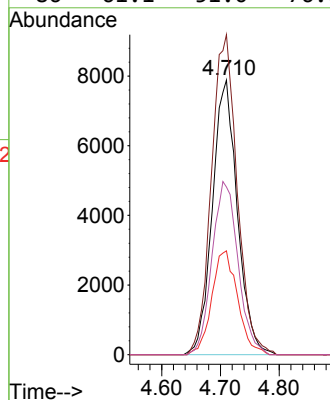
Ion Ratio Lower Upper

84 100

49 116.6 106.9 160.3

51 37.8 33.2 49.8

86 61.1 51.0 76.6



#25

2-Butanone

Concen: 1.205 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015374.D

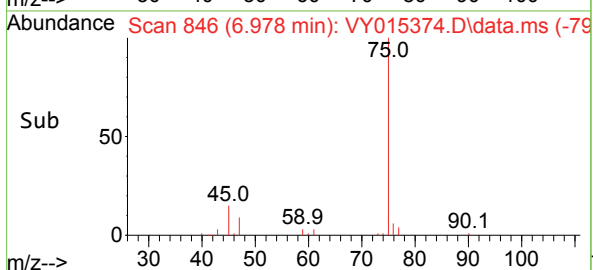
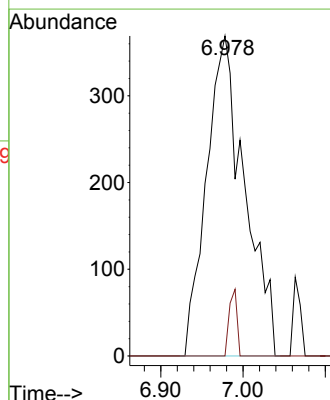
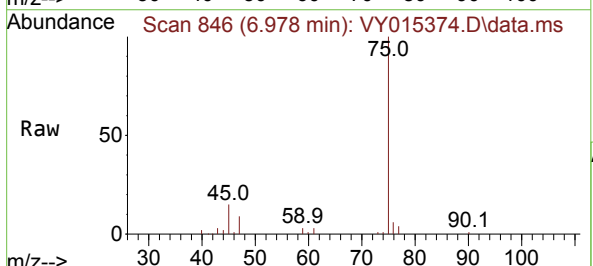
Acq: 30 Aug 2023 13:52

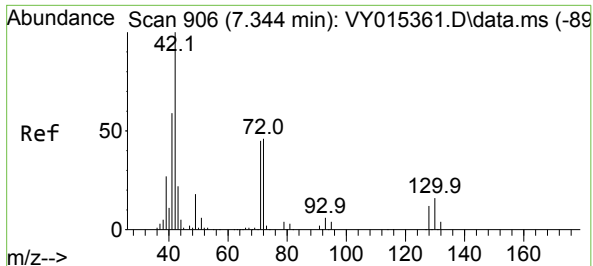
Tgt Ion: 43 Resp: 1193

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#





#29

Tetrahydrofuran

Concen: 1.569 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015374.D

Acq: 30 Aug 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

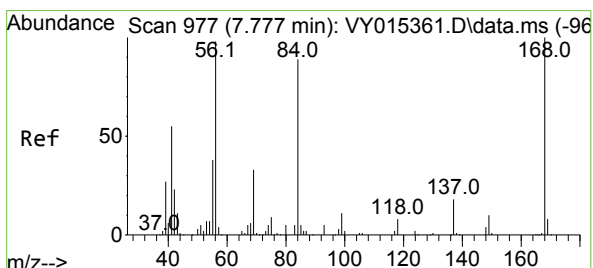
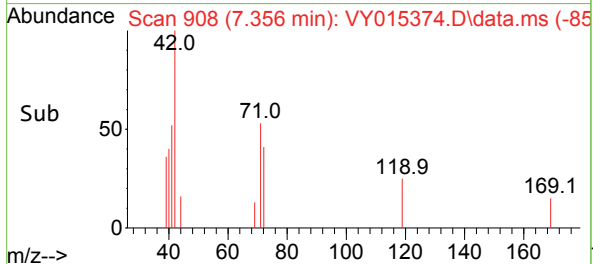
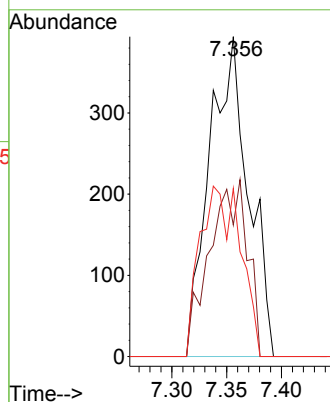
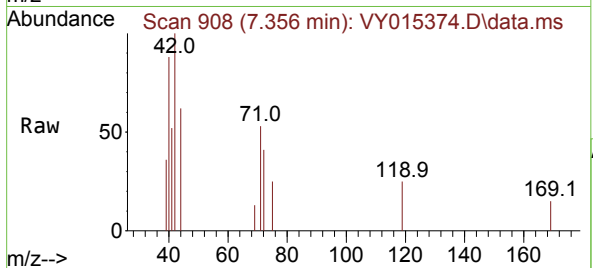
Tgt Ion: 42 Resp: 976

Ion Ratio Lower Upper

42 100

72 52.9 32.8 49.2#

71 0.0 31.0 46.4#



#31

Cyclohexane

Concen: 1.108 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY015374.D

Acq: 30 Aug 2023 13:52

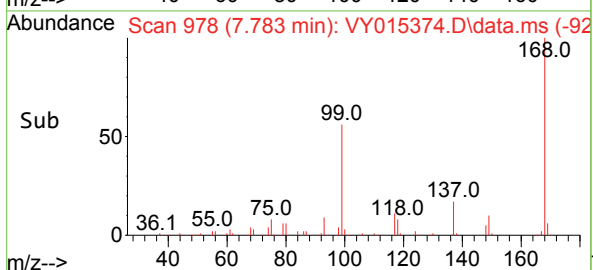
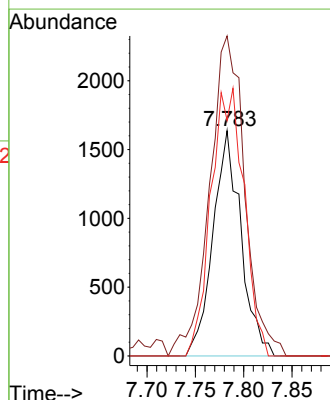
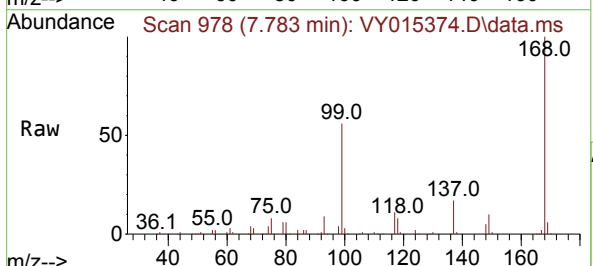
Tgt Ion: 56 Resp: 3292

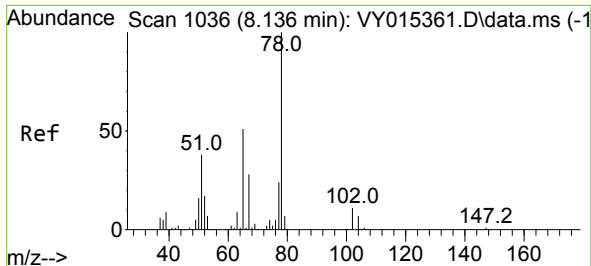
Ion Ratio Lower Upper

56 100

69 136.4 27.8 41.6#

84 104.5 66.4 99.6#

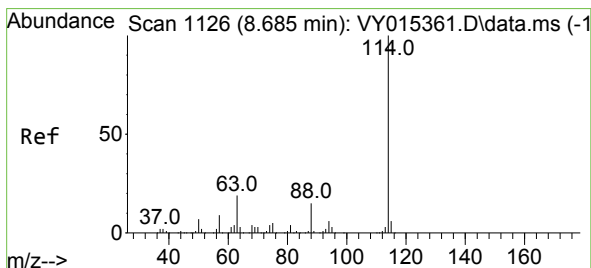
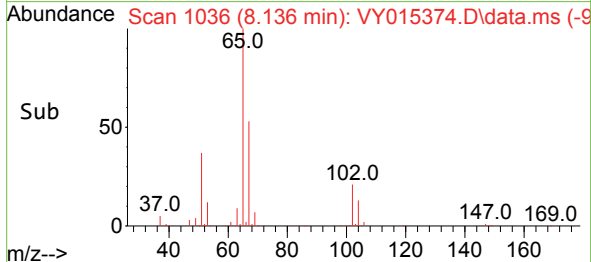
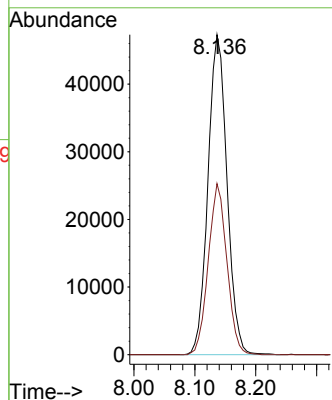
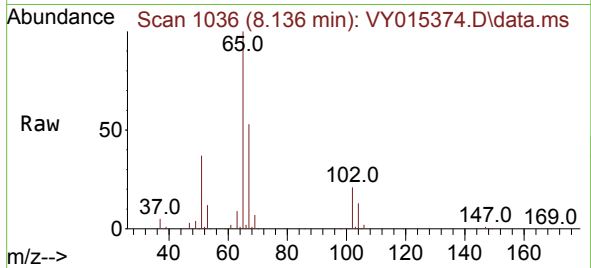




#33
 1,2-Dichloroethane-d4
 Concen: 61.421 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015374.D
 Acq: 30 Aug 2023 13:52

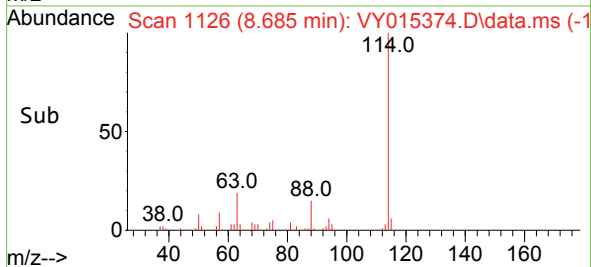
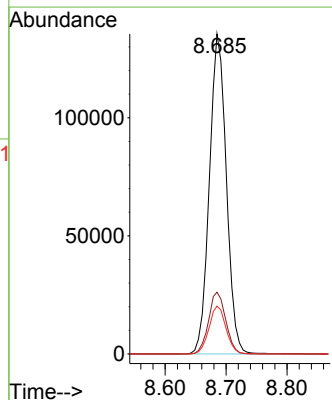
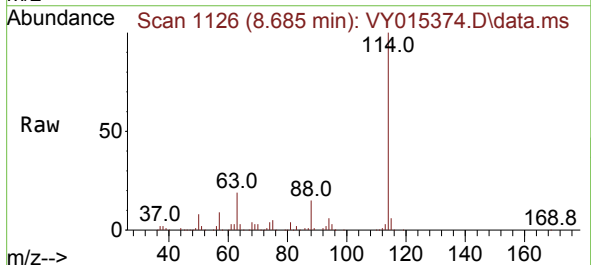
Instrument :
 MSVOA_Y
 ClientSampleId :

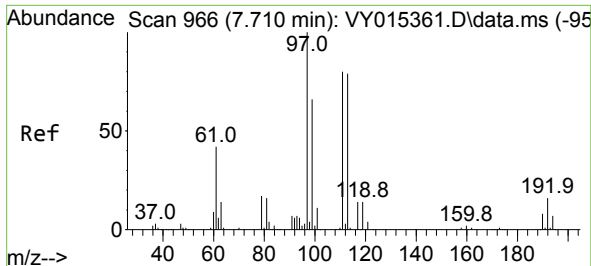
Tgt Ion: 65 Resp: 102740
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015374.D
 Acq: 30 Aug 2023 13:52

Tgt Ion: 114 Resp: 261645
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 14.9 0.0 30.6

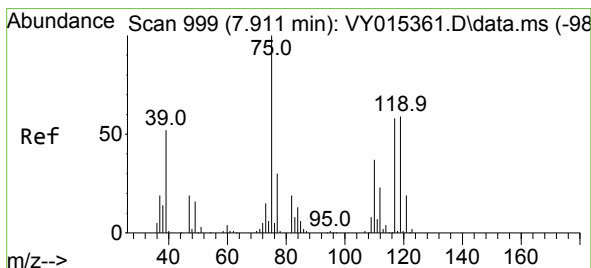
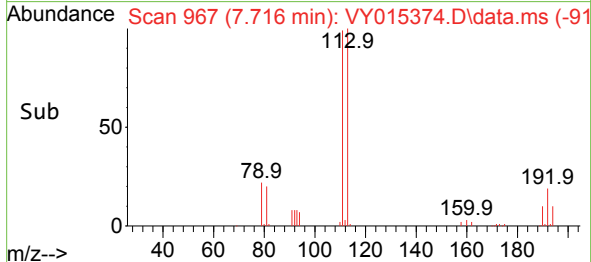
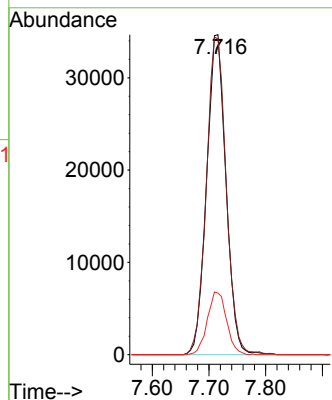
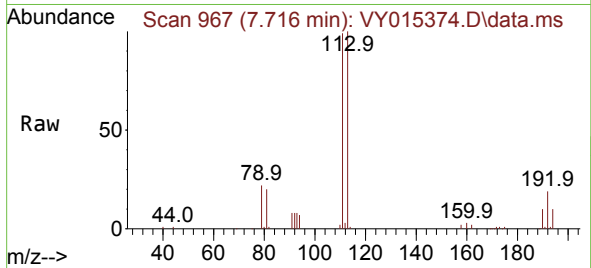




#35
Dibromofluoromethane
Concen: 54.468 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

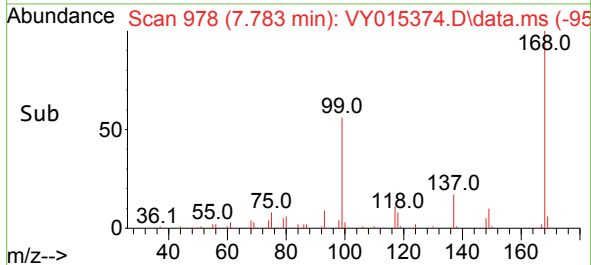
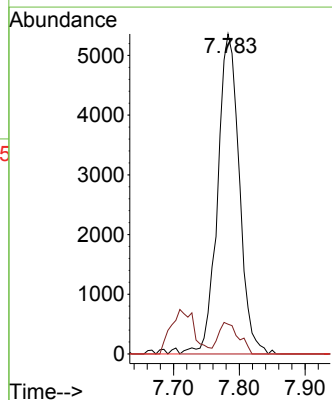
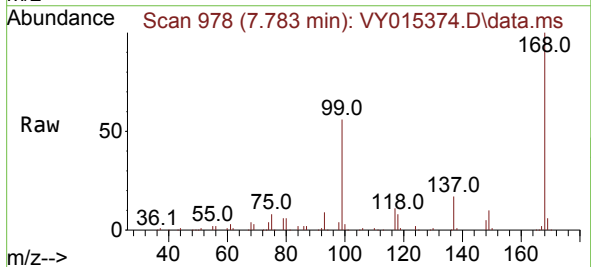
Instrument :
MSVOA_Y
ClientSampleId :

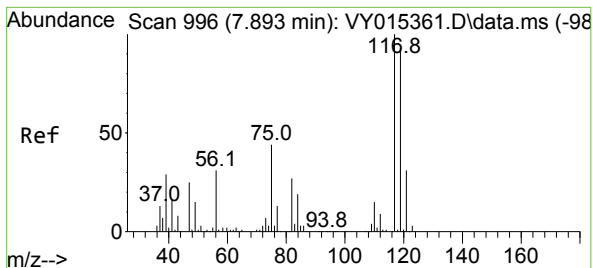
Tgt Ion:113 Resp: 82085
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.649 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

Tgt Ion: 75 Resp: 12301
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.704 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.110 min

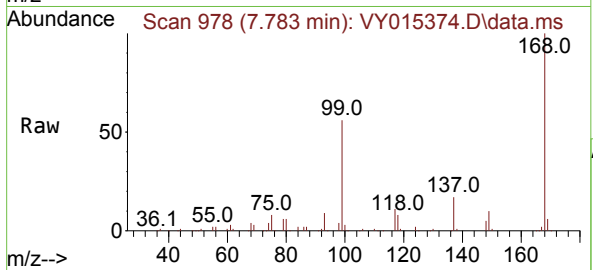
Lab File: VY015374.D

Acq: 30 Aug 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :



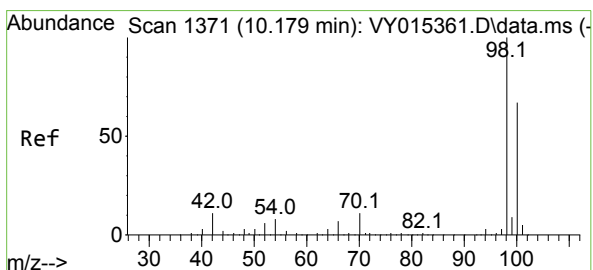
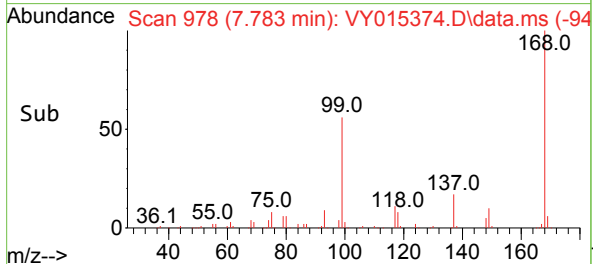
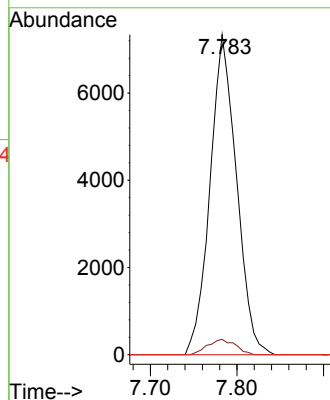
Tgt Ion:117 Resp: 15590

Ion Ratio Lower Upper

117 100

119 4.8 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 56.898 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015374.D

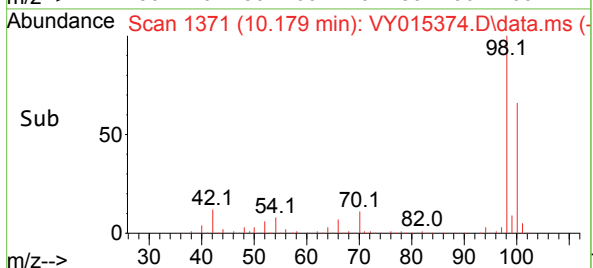
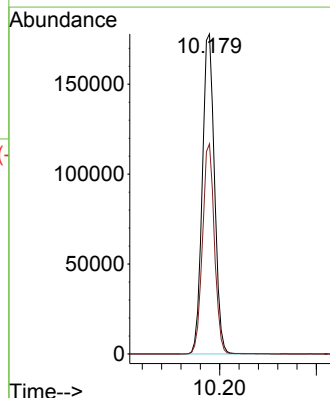
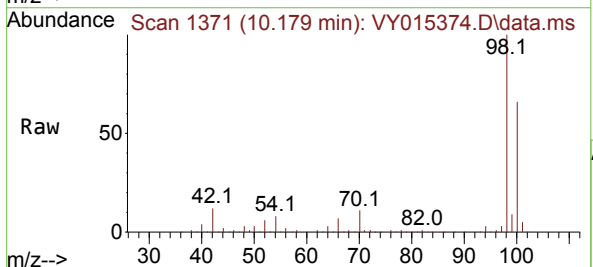
Acq: 30 Aug 2023 13:52

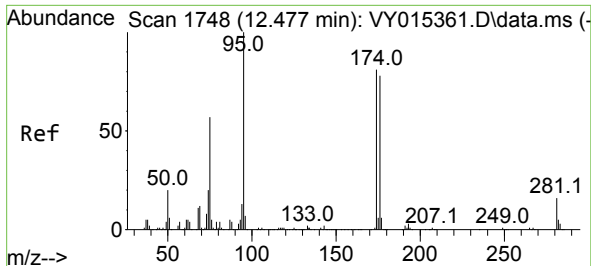
Tgt Ion: 98 Resp: 310518

Ion Ratio Lower Upper

98 100

100 64.3 50.1 75.1

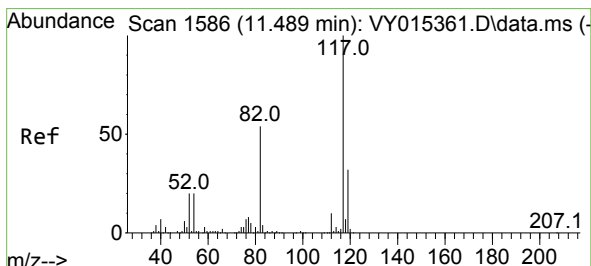
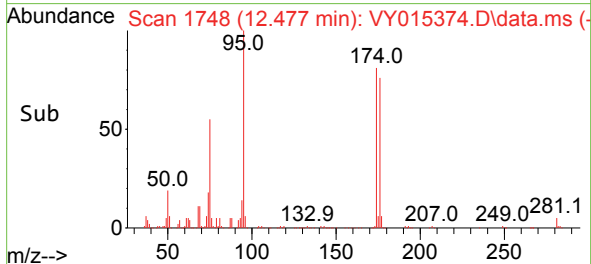
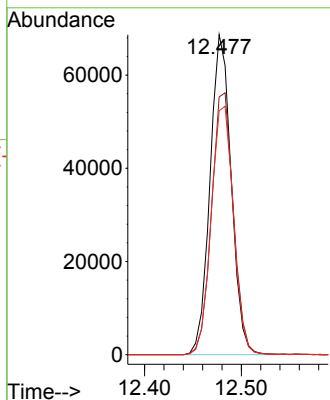
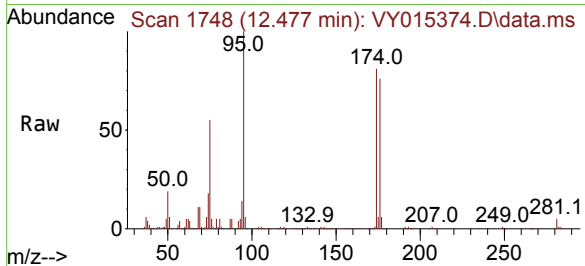




#62
4-Bromofluorobenzene
Concen: 51.552 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

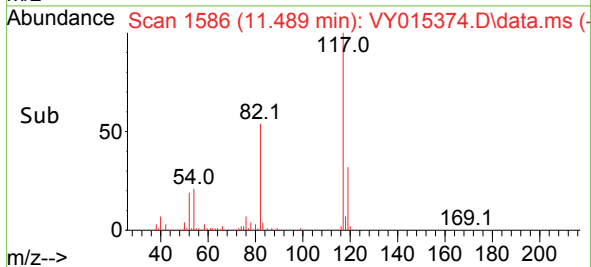
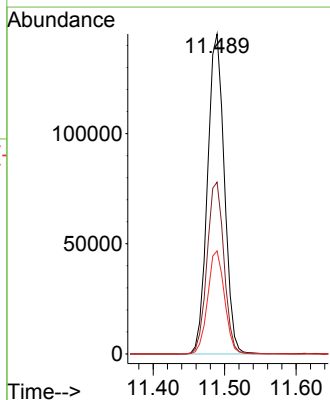
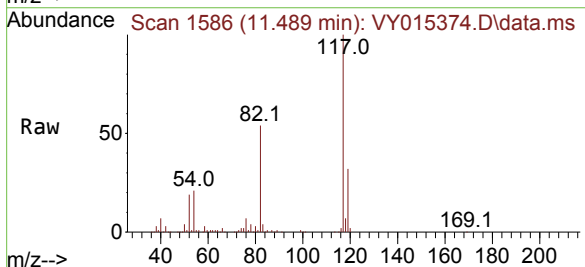
Instrument :
MSVOA_Y
ClientSampleId :

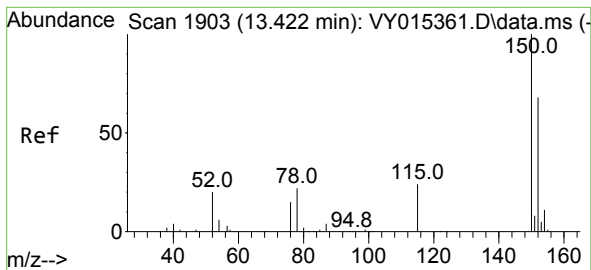
Tgt Ion: 95 Resp: 104446
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015374.D
Acq: 30 Aug 2023 13:52

Tgt Ion: 117 Resp: 237055
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.2 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: VY015374.D

Acq: 30 Aug 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

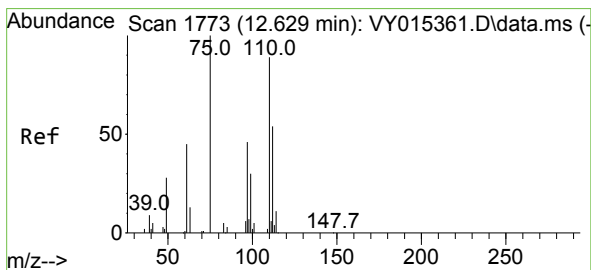
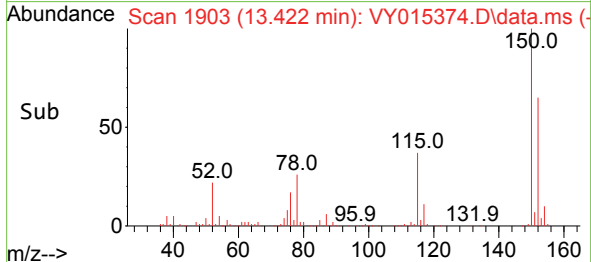
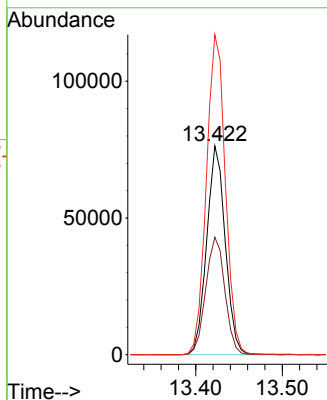
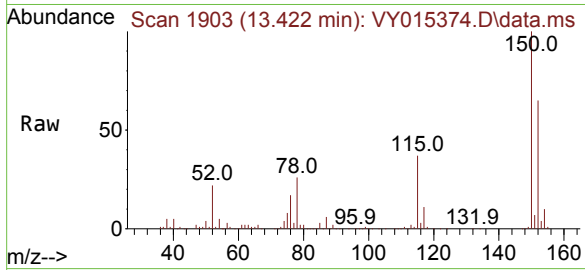
Tgt Ion:152 Resp: 113729

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 156.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.450 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015374.D

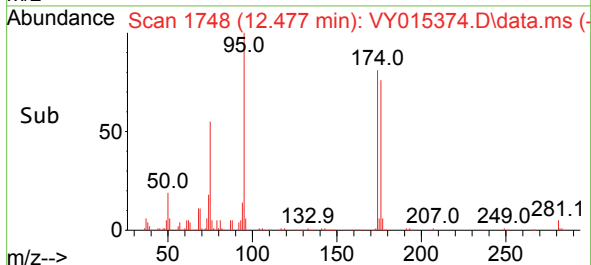
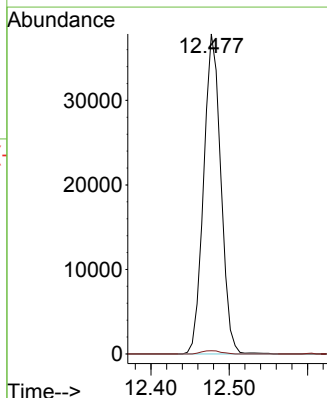
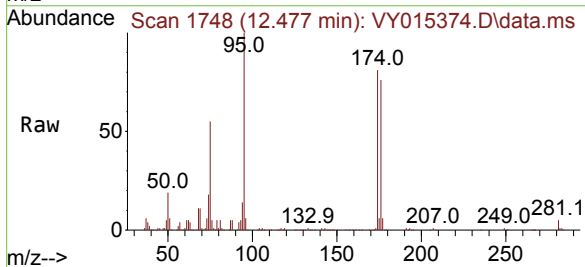
Acq: 30 Aug 2023 13:52

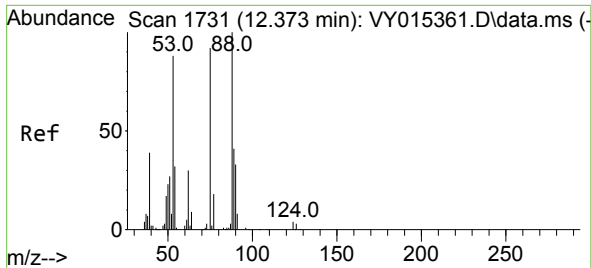
Tgt Ion: 75 Resp: 57750

Ion Ratio Lower Upper

75 100

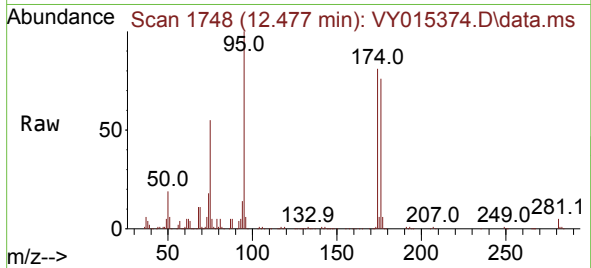
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.467 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015374.D
 Acq: 30 Aug 2023 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

