

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015515.D
 Acq On : 12 Sep 2023 18:10
 Operator : SY/MD
 Sample : 04351-09
 Misc : 6.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:55:36 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)

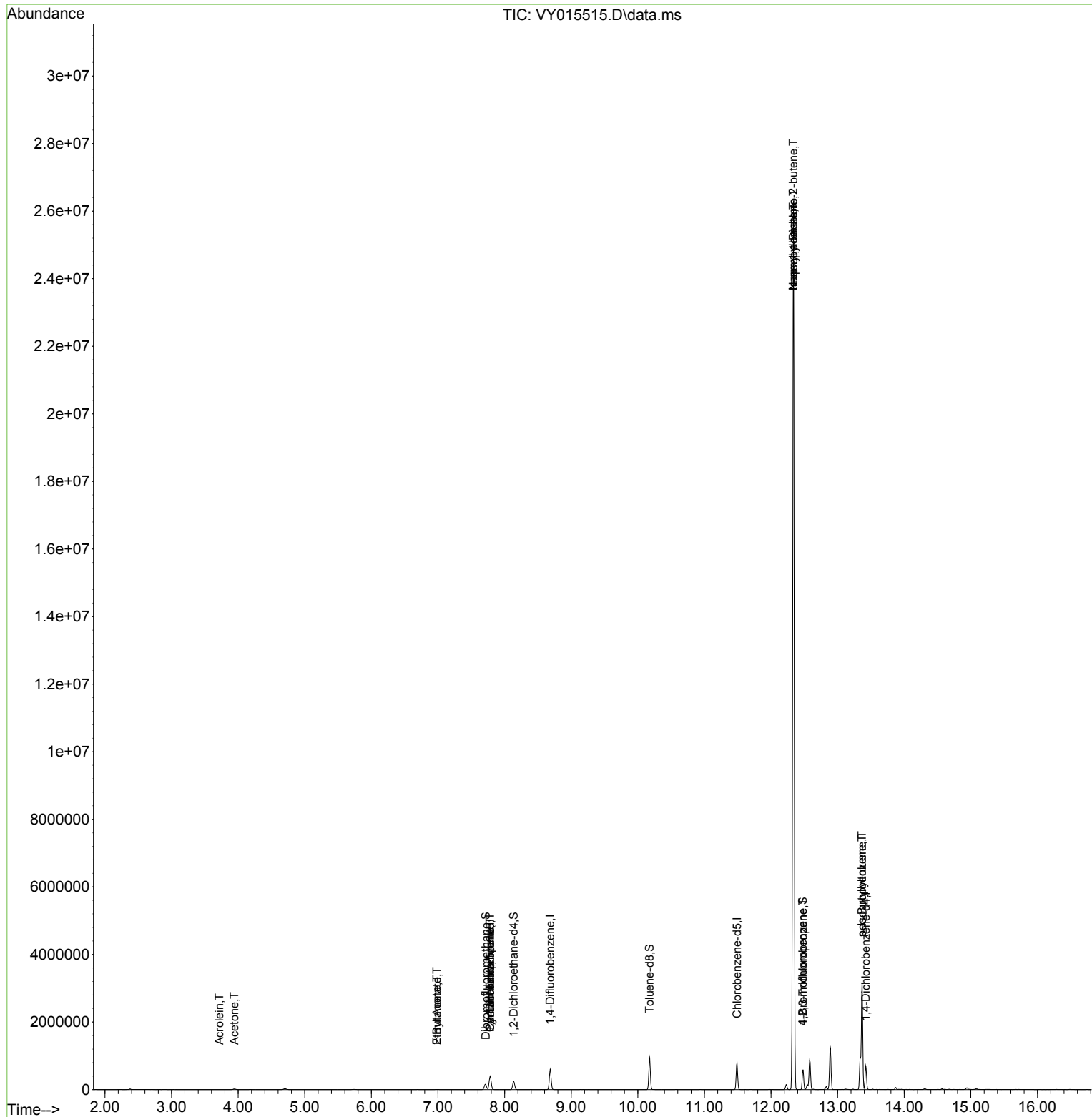
Internal Standards						
1) Pentafluorobenzene	7.783	168	307972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	511824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	426149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	191492	58.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.000%
35) Dibromofluoromethane	7.716	113	110687	37.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.100%
50) Toluene-d8	10.179	98	591644	55.419	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.840%
62) 4-Bromofluorobenzene	12.477	95	182853	46.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	547	Below Cal	#	89
13) Acrolein	3.716	56	150	11.802	ug/l	89
16) Acetone	3.942	43	38676	28.067	ug/l	93
20) Methylene Chloride	4.704	84	21922	Below Cal		85
25) 2-Butanone	6.984	43	7505	3.840	ug/l	93
31) Cyclohexane	7.783	56	6669	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	23106	4.464	ug/l #	50
37) Ethyl Acetate	6.984	43	7505	1.880	ug/l #	71
38) Carbon Tetrachloride	7.783	117	30632	5.730	ug/l #	16
73) Isopropylbenzene	12.337	105	1074794	84.154	ug/l #	57
74) N-amyl acetate	12.337	43	446855	104.142	ug/l #	8
76) 1,2,3-Trichloropropane	12.477	75	95881	42.523	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.337	75	32398	31.695	ug/l #	1
85) sec-Butylbenzene	13.367	105	74629	5.347	ug/l #	1
86) p-Isopropyltoluene	13.367	119	1716324	146.736	ug/l	98

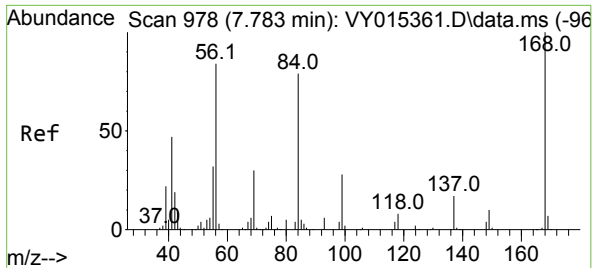
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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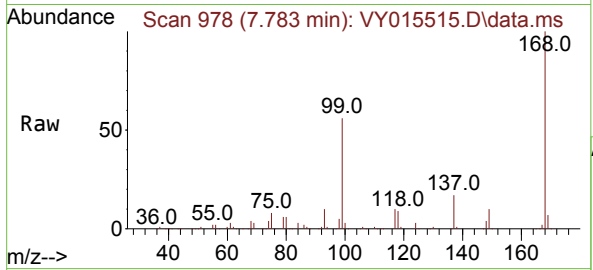
Quant Time: Sep 13 05:55:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



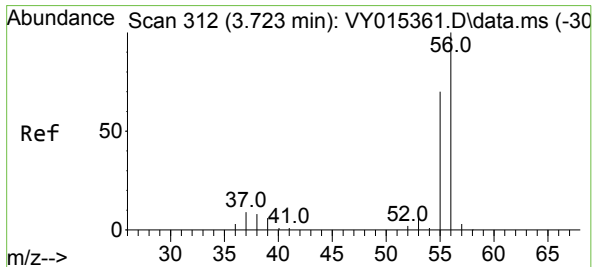
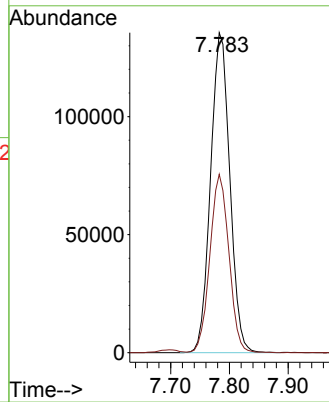
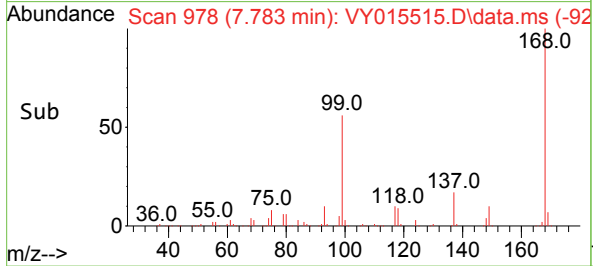


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :

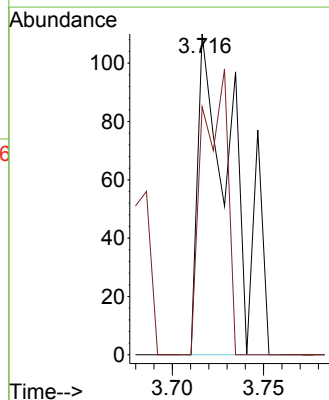
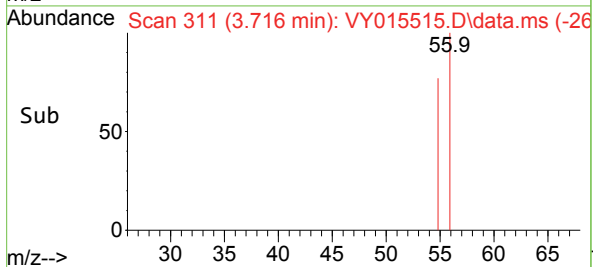
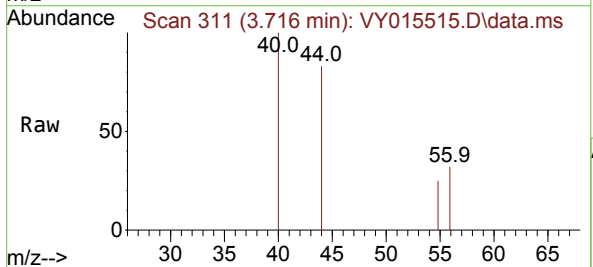


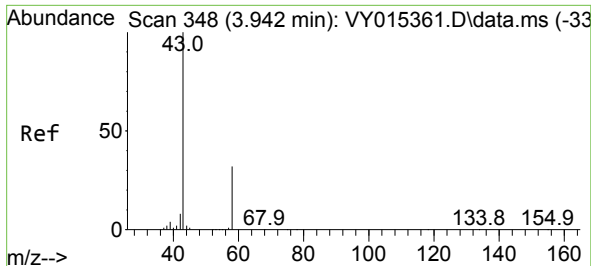
Tgt Ion:168 Resp: 307972
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#13
Acrolein
Concen: 11.802 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

Tgt Ion: 56 Resp: 150
Ion Ratio Lower Upper
56 100
55 62.0 57.0 85.4





#16

Acetone

Concen: 28.067 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

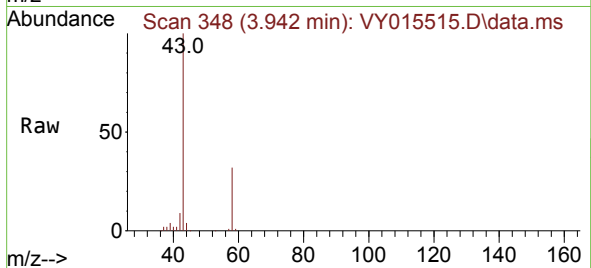
Lab File: VY015515.D

Acq: 12 Sep 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

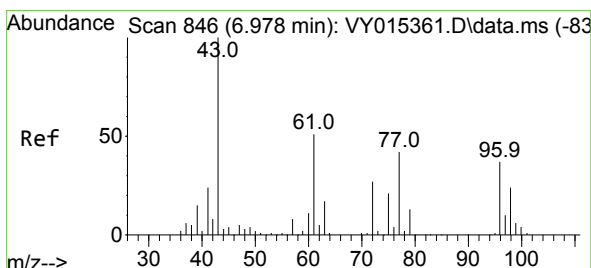
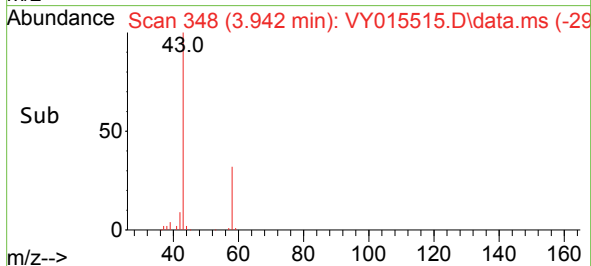
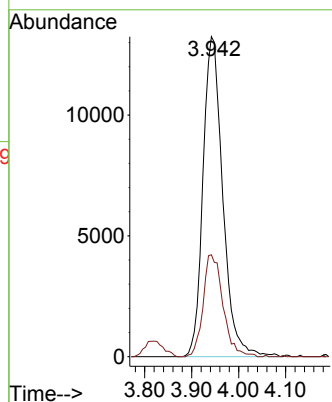


Tgt Ion: 43 Resp: 38676

Ion Ratio Lower Upper

43 100

58 31.8 22.7 34.1



#25

2-Butanone

Concen: 3.840 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015515.D

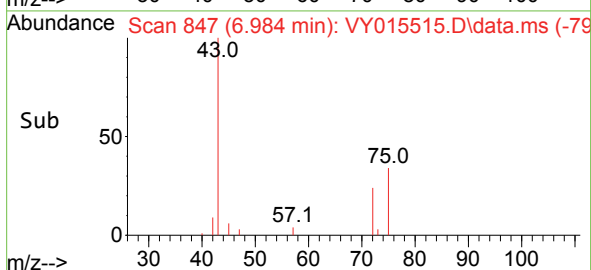
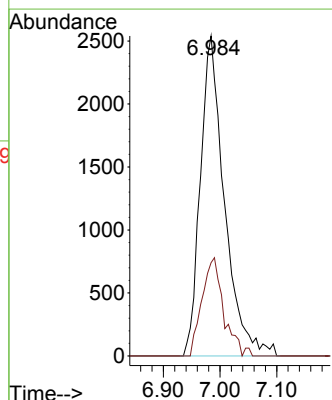
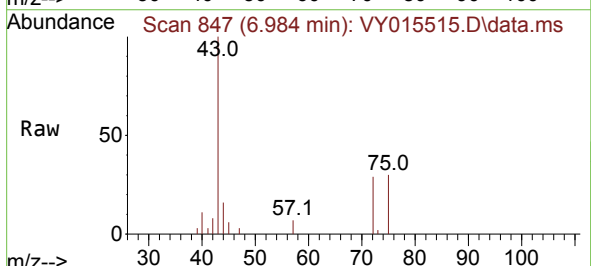
Acq: 12 Sep 2023 18:10

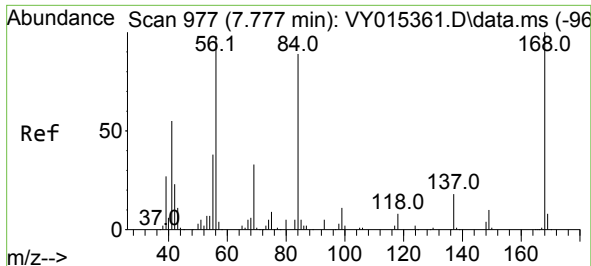
Tgt Ion: 43 Resp: 7505

Ion Ratio Lower Upper

43 100

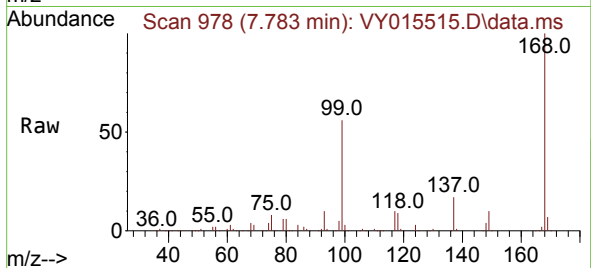
72 29.2 20.5 30.7



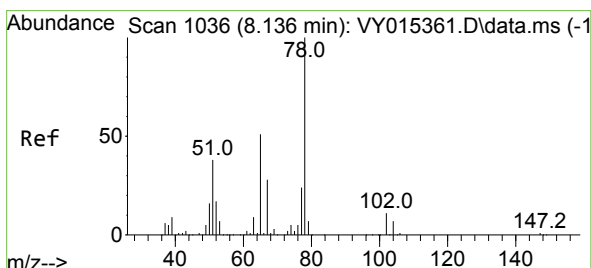
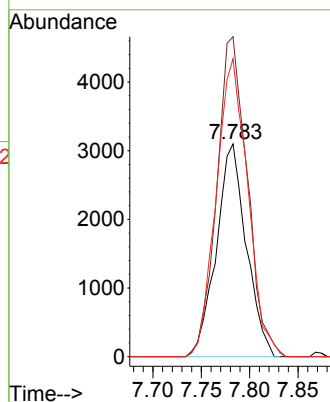
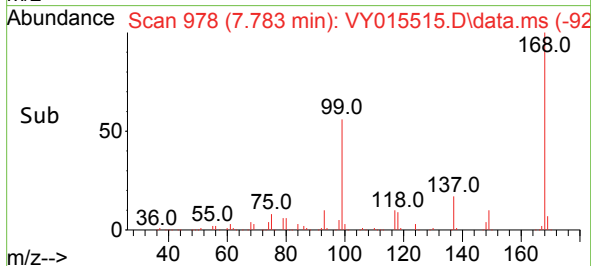


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :

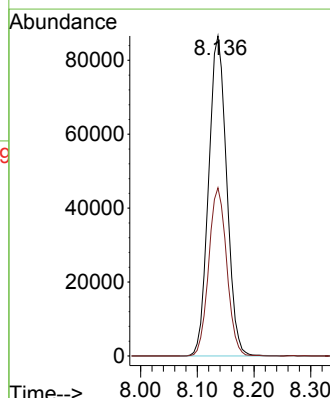
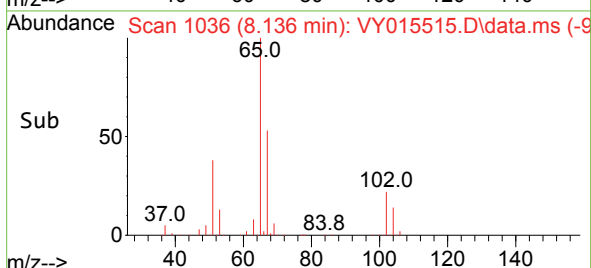
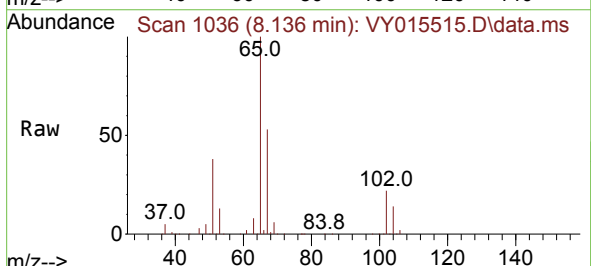


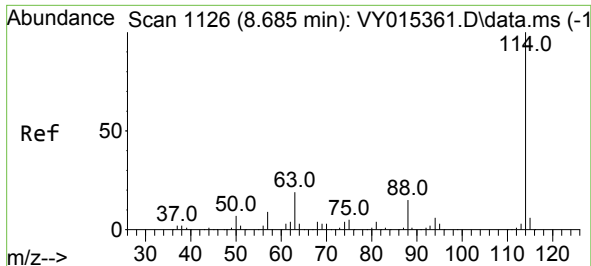
Tgt Ion: 56 Resp: 6669
Ion Ratio Lower Upper
56 100
69 150.4 27.8 41.6#
84 140.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.003 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

Tgt Ion: 65 Resp: 191492
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

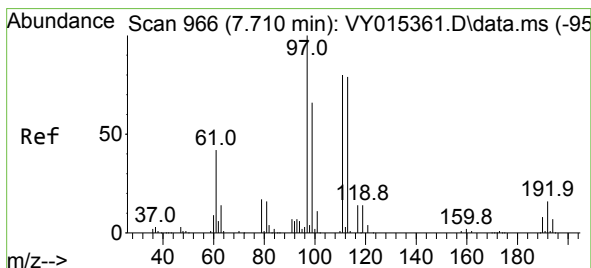
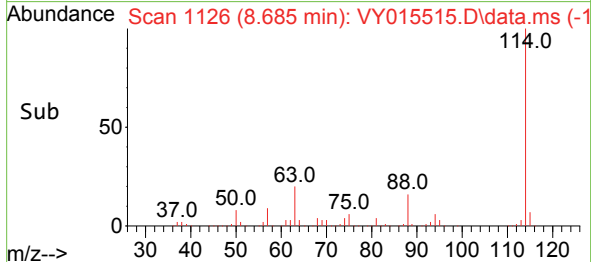
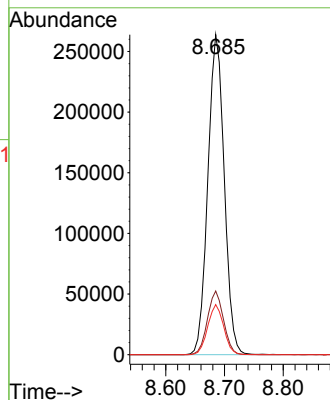
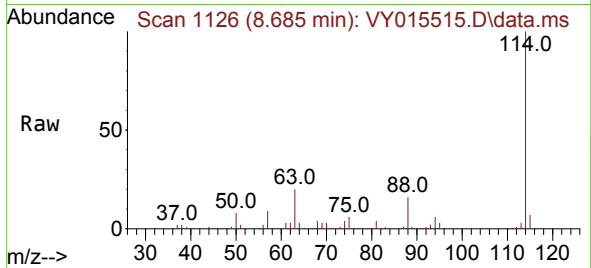




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

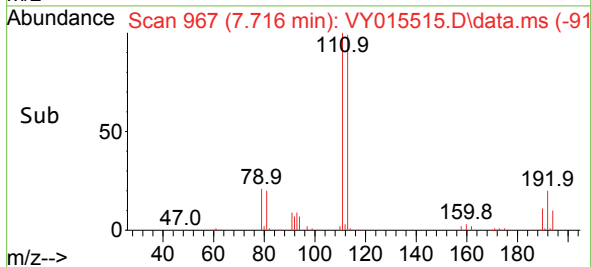
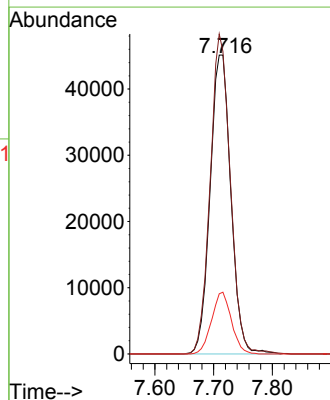
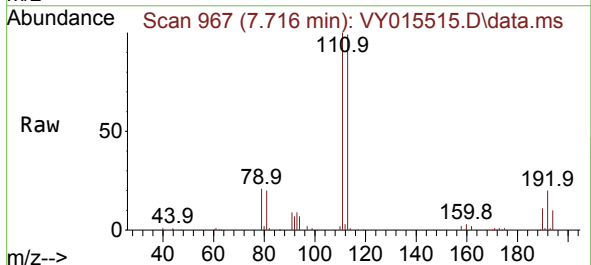
Instrument :
MSVOA_Y
ClientSampleId :

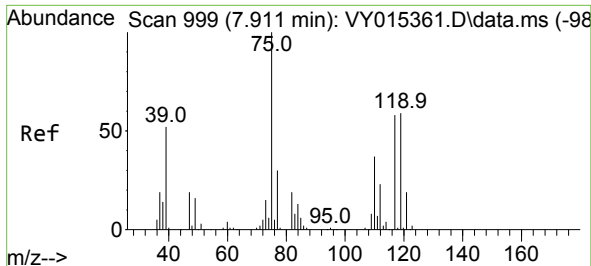
Tgt Ion:114 Resp: 511824
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 37.546 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

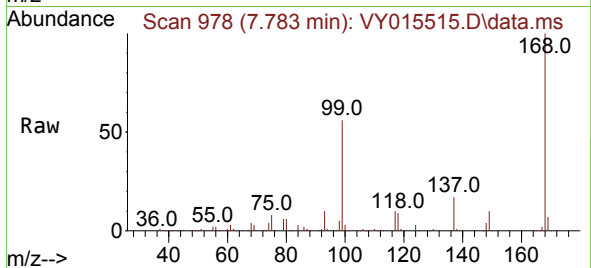
Tgt Ion:113 Resp: 110687
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.7 16.9 25.3



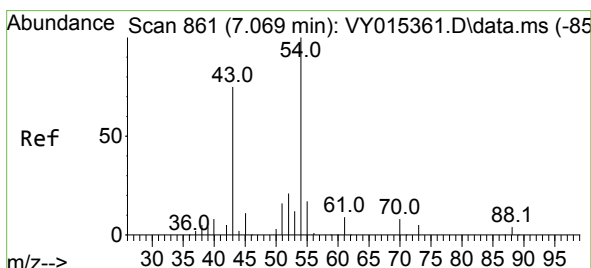
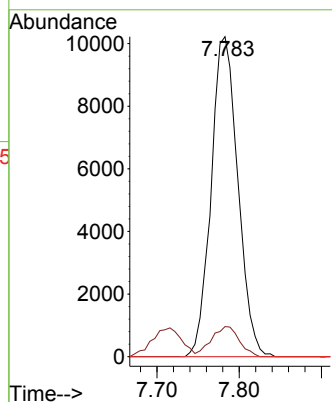
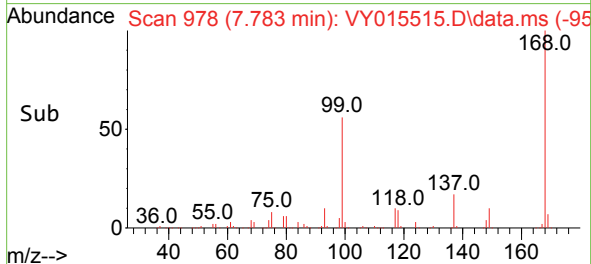


#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :

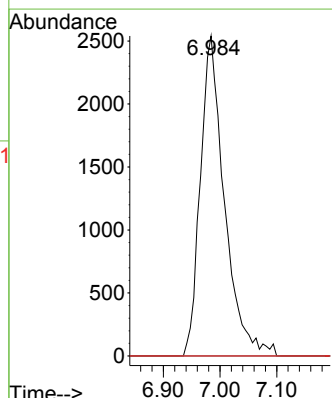
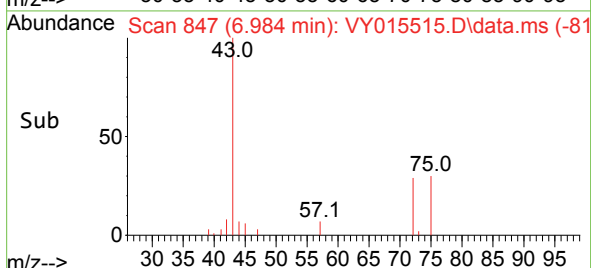
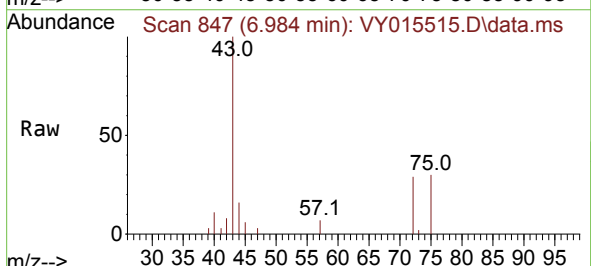


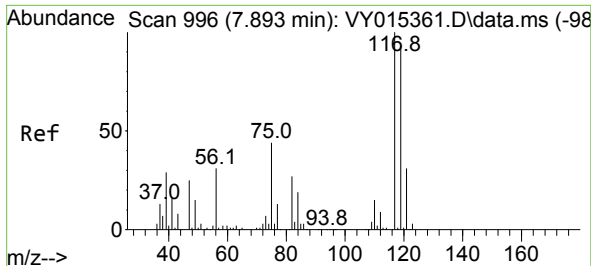
Tgt Ion: 75 Resp: 23106
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.880 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

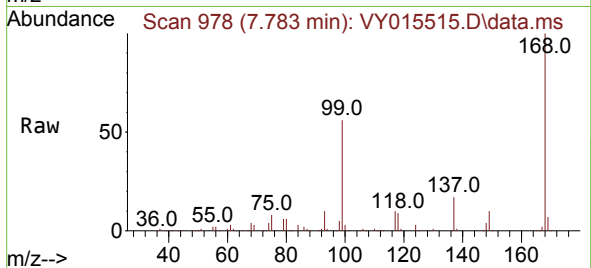
Tgt Ion: 43 Resp: 7505
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



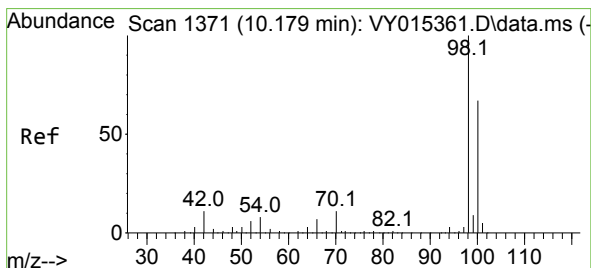
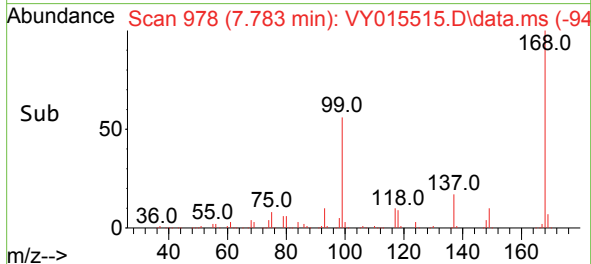
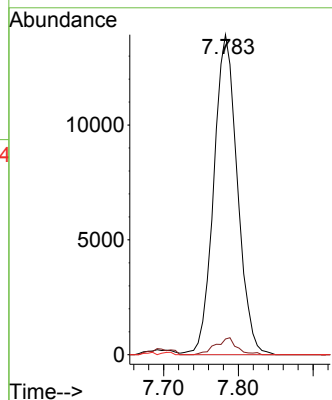


#38
Carbon Tetrachloride
Concen: 5.730 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :

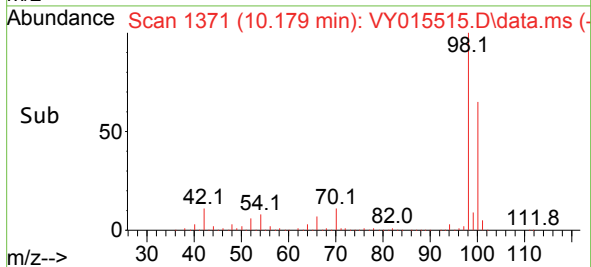
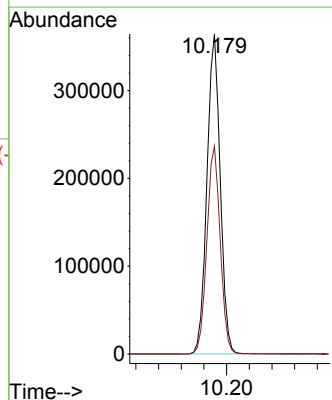
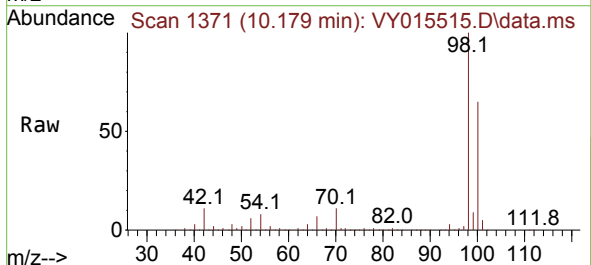


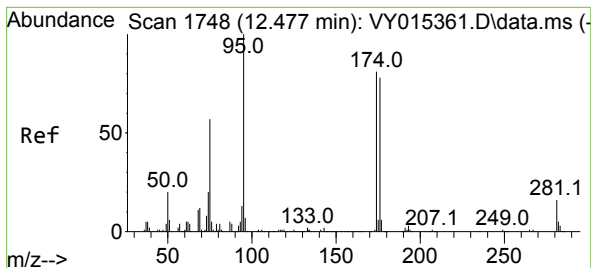
Tgt Ion:117 Resp: 30632
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.419 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

Tgt Ion: 98 Resp: 591644
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

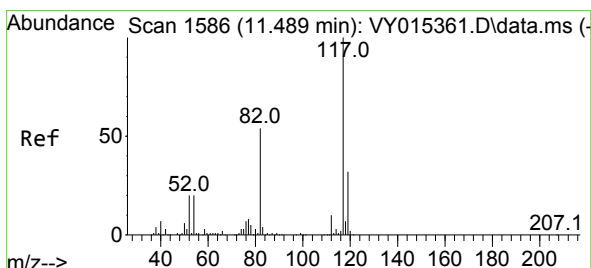
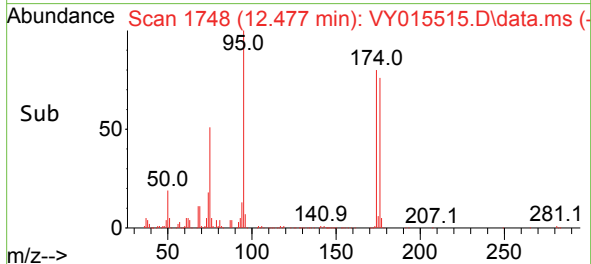
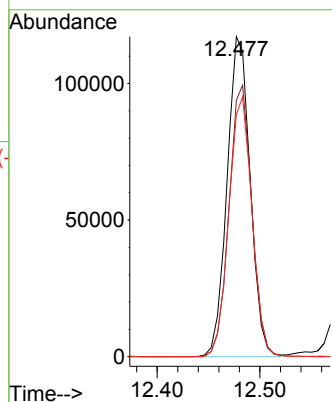
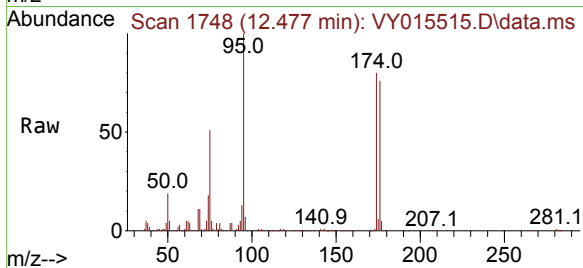




#62
4-Bromofluorobenzene
Concen: 46.137 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

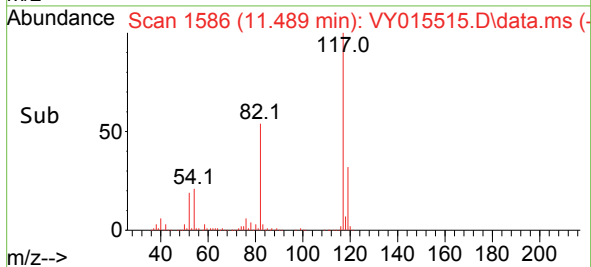
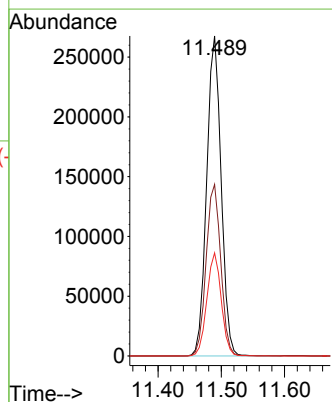
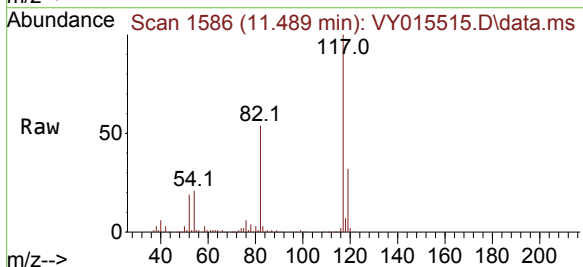
Instrument :
MSVOA_Y
ClientSampleId :

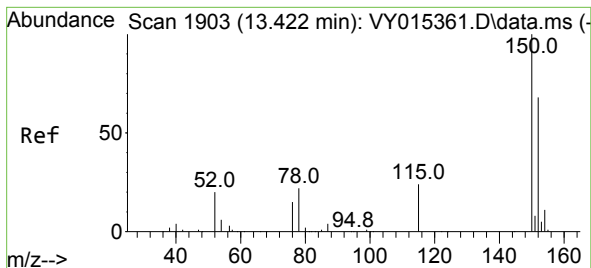
Tgt Ion: 95 Resp: 182853
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

Tgt Ion: 117 Resp: 426149
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.2 26.3 39.5

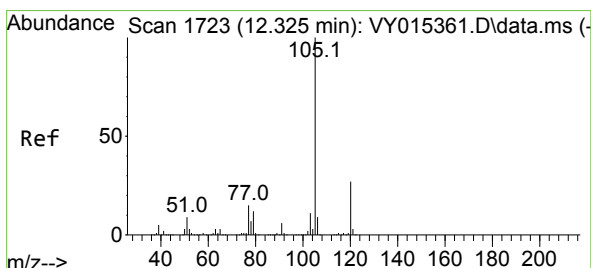
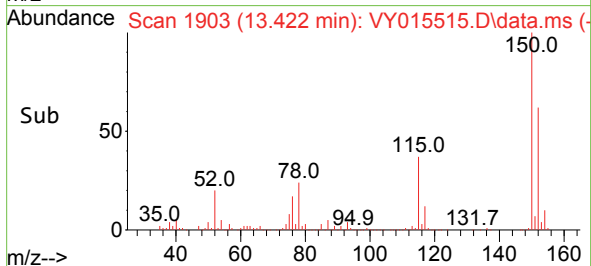
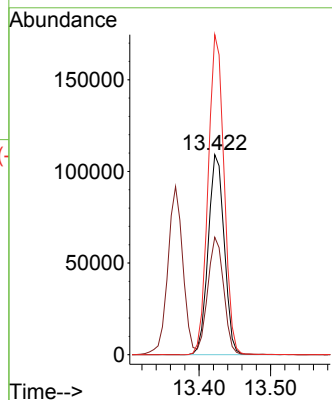
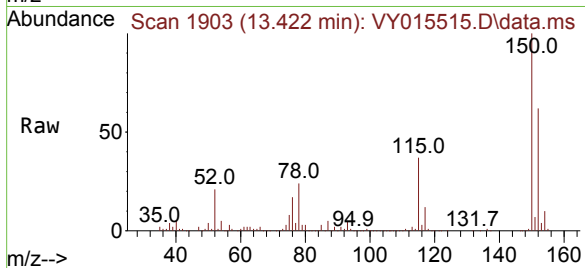




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

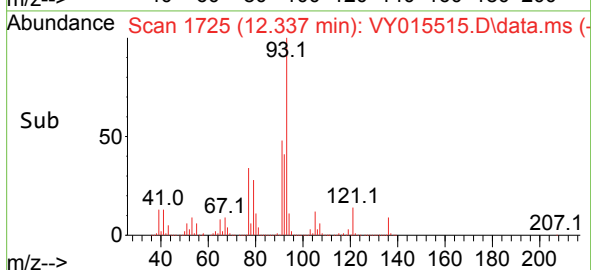
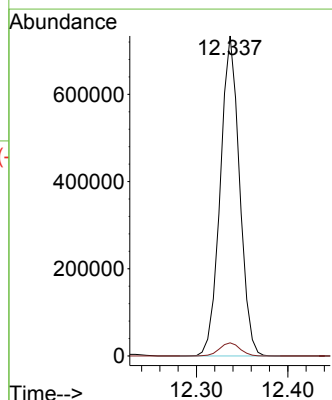
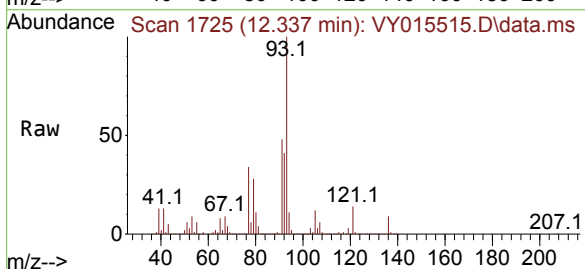
Instrument :
MSVOA_Y
ClientSampleId :

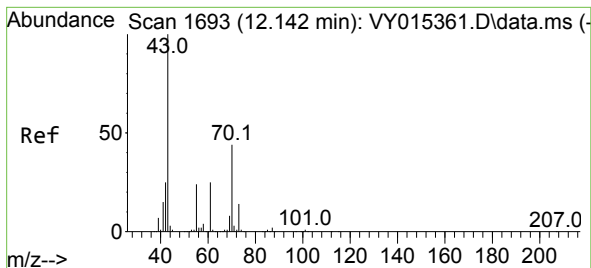
Tgt Ion:152 Resp: 170033
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 159.3 0.0 348.8



#73
Isopropylbenzene
Concen: 84.154 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

Tgt Ion:105 Resp: 1074794
Ion Ratio Lower Upper
105 100
120 4.3 13.3 39.9#





#74

N-amy1 acetate

Concen: 104.142 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.195 min

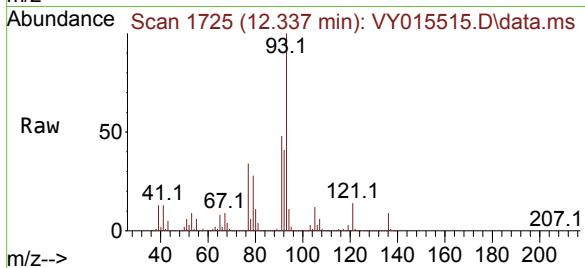
Lab File: VY015515.D

Acq: 12 Sep 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 446855

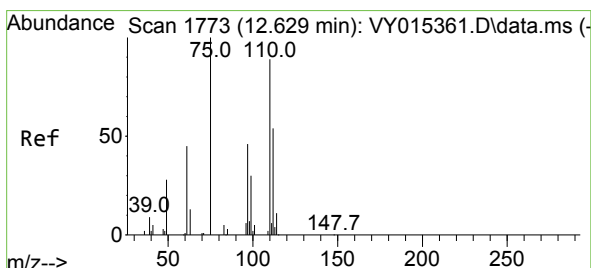
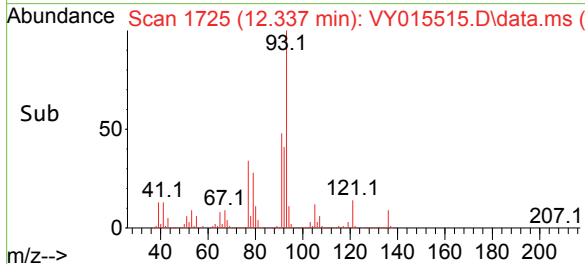
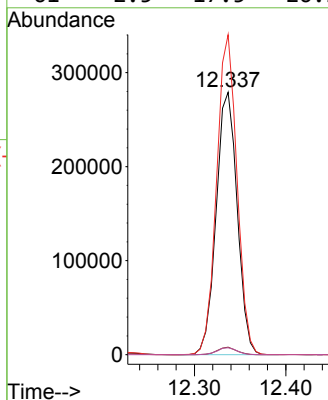
Ion Ratio Lower Upper

43 100

70 2.6 29.7 44.5#

55 117.7 18.3 27.5#

61 2.5 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 42.523 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015515.D

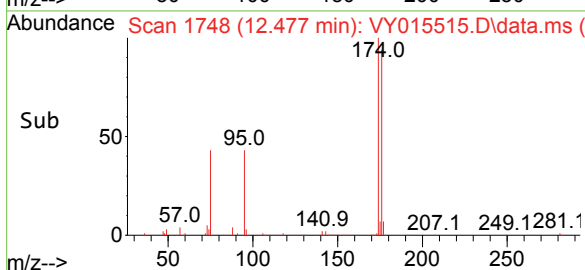
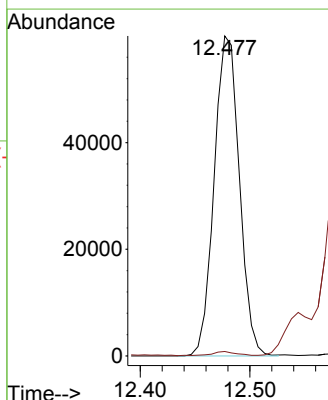
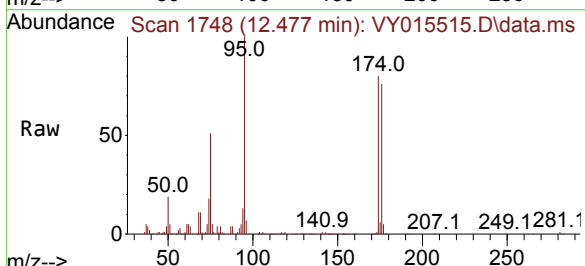
Acq: 12 Sep 2023 18:10

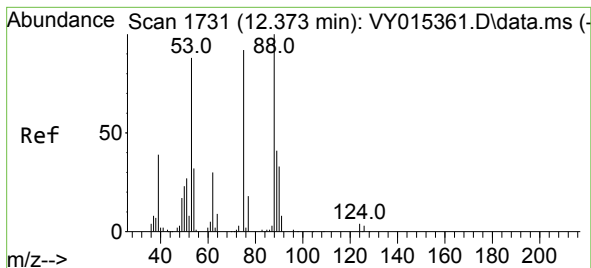
Tgt Ion: 75 Resp: 95881

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

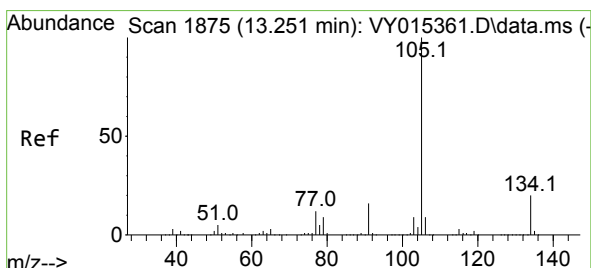
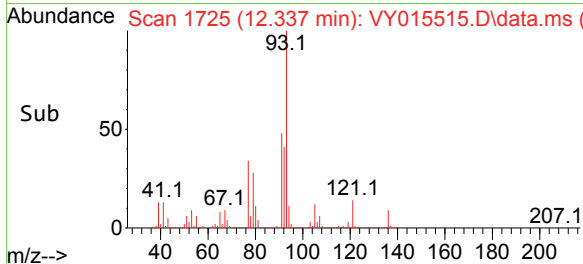
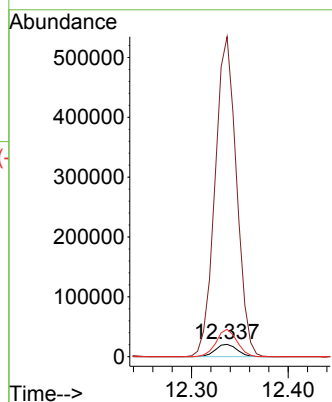
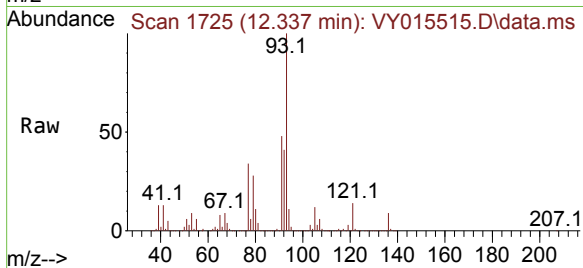




#81
trans-1,4-Dichloro-2-butene
Concen: 31.695 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.043 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

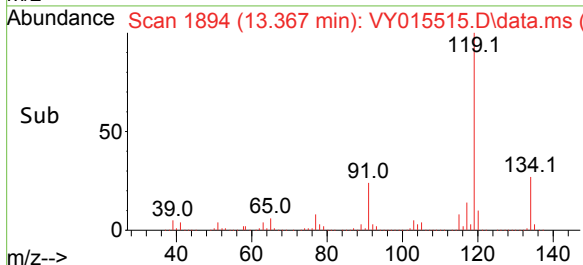
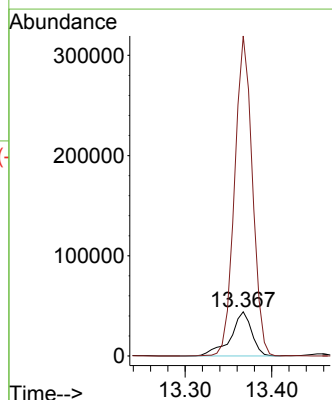
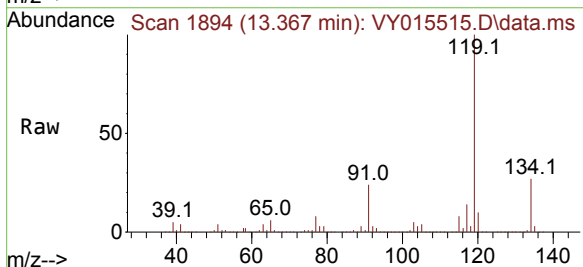
Instrument :
MSVOA_Y
ClientSampleId :

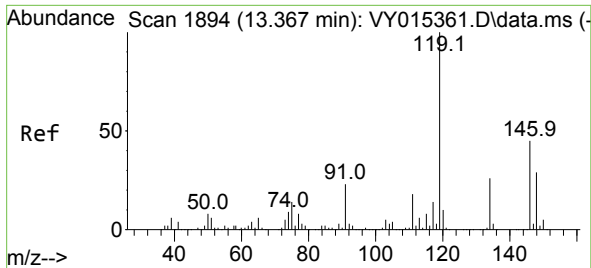
Tgt Ion: 75 Resp: 32398
Ion Ratio Lower Upper
75 100
53 2543.3 77.8 116.8#
89 212.6 37.4 56.0#



#85
sec-Butylbenzene
Concen: 5.347 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.116 min
Lab File: VY015515.D
Acq: 12 Sep 2023 18:10

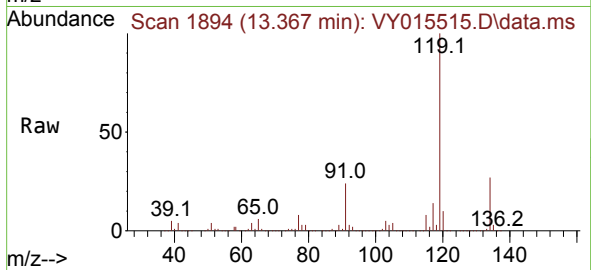
Tgt Ion:105 Resp: 74629
Ion Ratio Lower Upper
105 100
134 611.4 10.2 30.6#





#86
 p-Isopropyltoluene
 Concen: 146.736 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY015515.D
 Acq: 12 Sep 2023 18:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:119 Resp: 1716324

Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	26.4	12.4	37.4

