

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015521.D
 Acq On : 12 Sep 2023 20:33
 Operator : SY/MD
 Sample : 04394-01
 Misc : 3.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

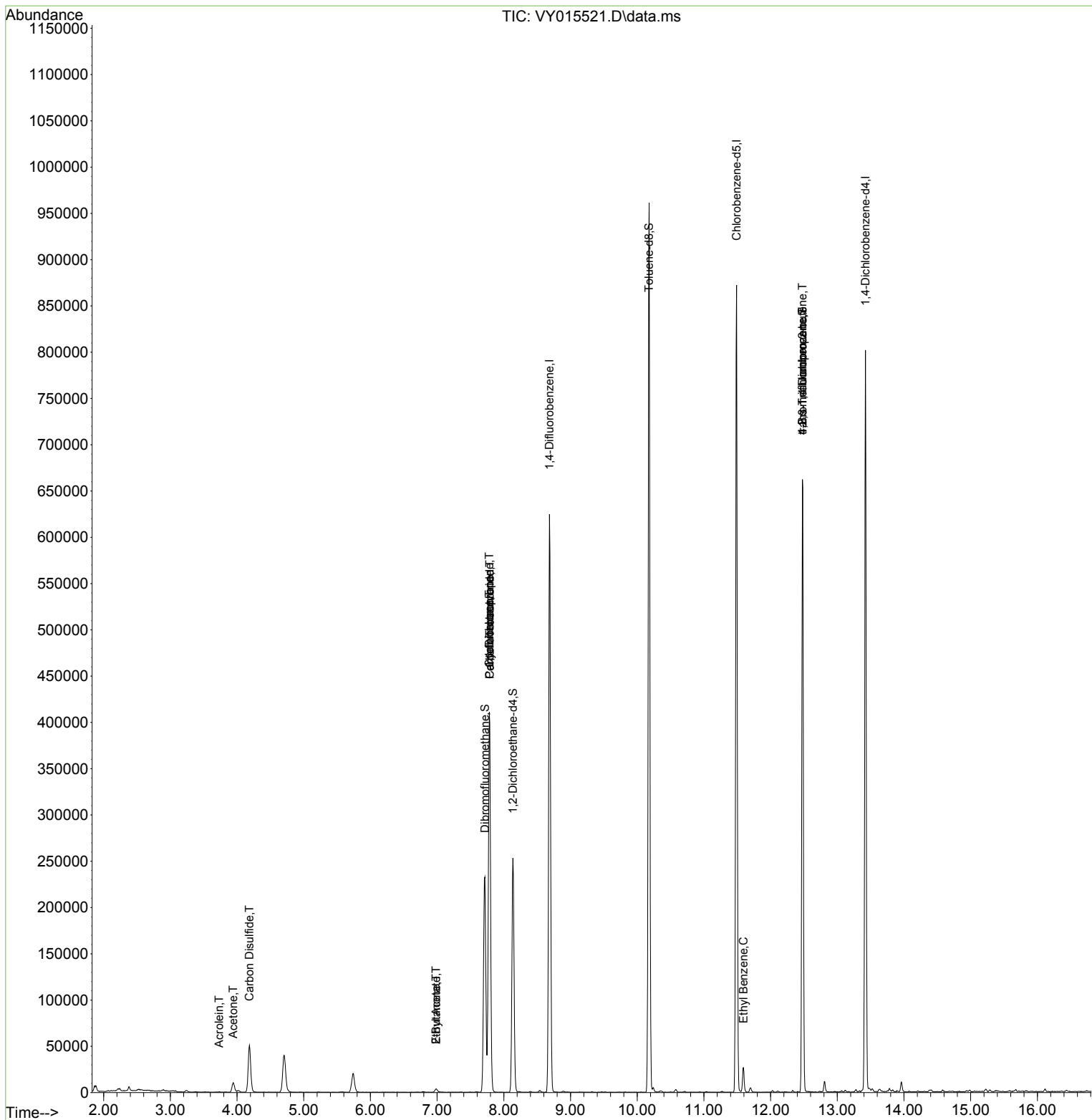
Quant Time: Sep 13 05:57:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

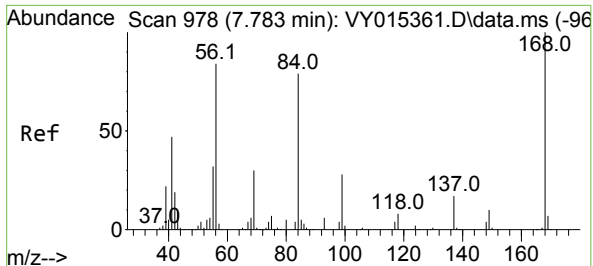
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	324092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	536035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	470845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	196633	56.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.200%
35) Dibromofluoromethane	7.715	113	167035	54.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.178	98	625056	55.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.800%
62) 4-Bromofluorobenzene	12.477	95	197579	47.601	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	178	Below Cal	#	89
13) Acrolein	3.728	56	354	11.995	ug/l #	71
16) Acetone	3.942	43	18472	12.738	ug/l #	88
17) Carbon Disulfide	4.186	76	102786	10.672	ug/l	100
25) 2-Butanone	6.984	43	6275	3.051	ug/l	94
31) Cyclohexane	7.782	56	6776	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	24864	4.586	ug/l #	50
37) Ethyl Acetate	6.984	43	6275	1.501	ug/l #	71
38) Carbon Tetrachloride	7.789	117	32517	5.808	ug/l #	16
67) Ethyl Benzene	11.593	91	19224	1.055	ug/l	91
76) 1,2,3-Trichloropropane	12.477	75	106855	40.381	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	106855	89.075	ug/l #	11

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

Quant Time: Sep 13 05:57:34 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

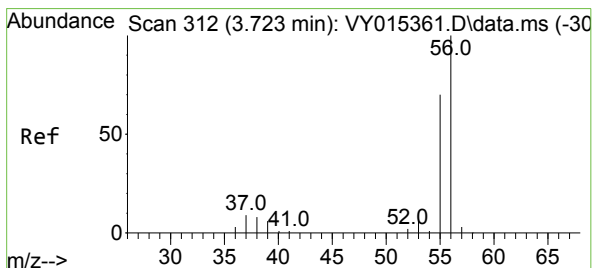
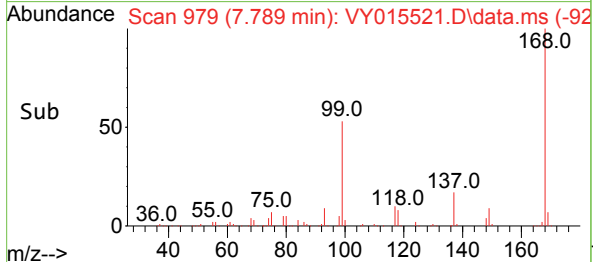
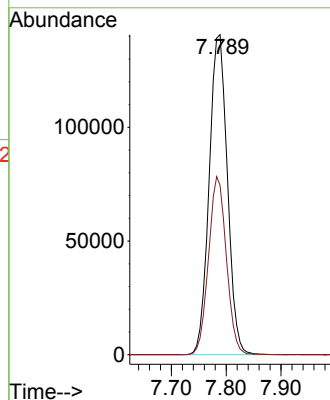
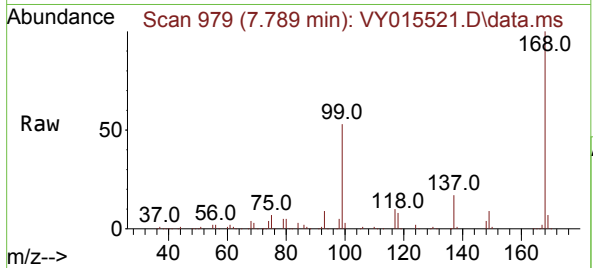




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015521.D
Acq: 12 Sep 2023 20:33

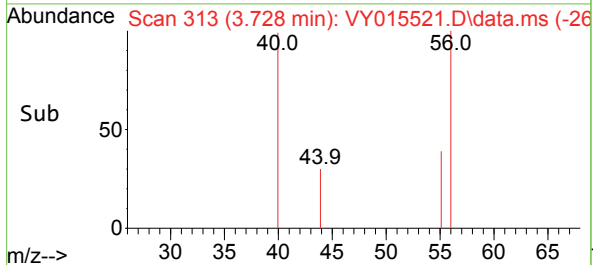
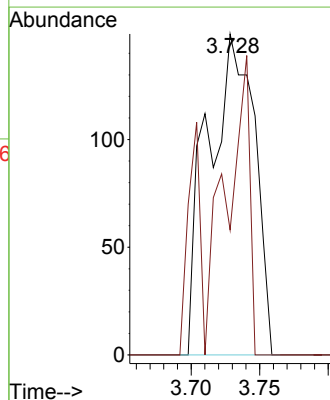
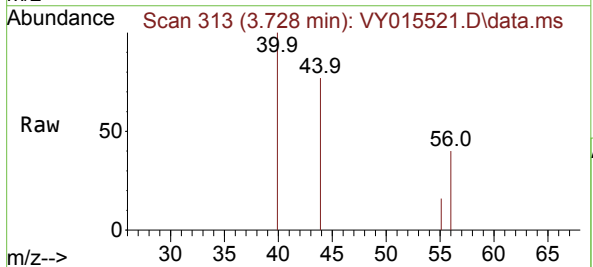
Instrument :
MSVOA_Y
ClientSampleId :

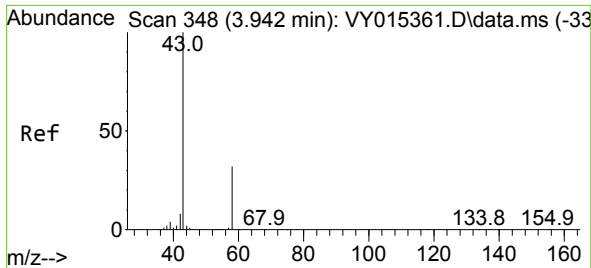
Tgt Ion:168 Resp: 324092
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#13
Acrolein
Concen: 11.995 ug/l
RT: 3.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: VY015521.D
Acq: 12 Sep 2023 20:33

Tgt Ion: 56 Resp: 354
Ion Ratio Lower Upper
56 100
55 46.9 57.0 85.4#





#16

Acetone

Concen: 12.738 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY015521.D

Acq: 12 Sep 2023 20:33

Instrument :

MSVOA_Y

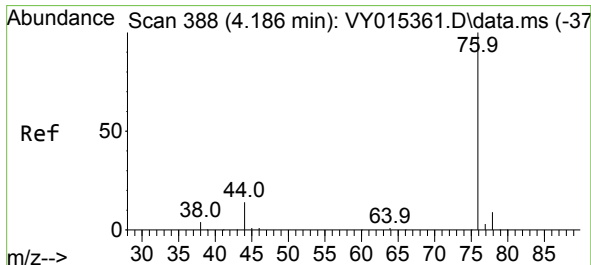
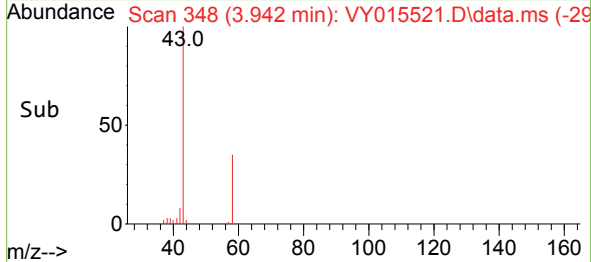
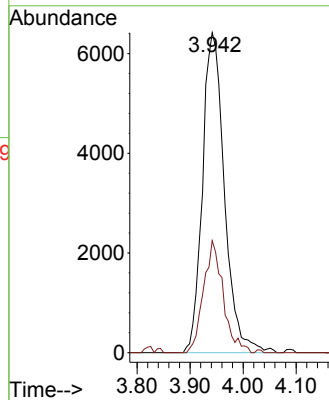
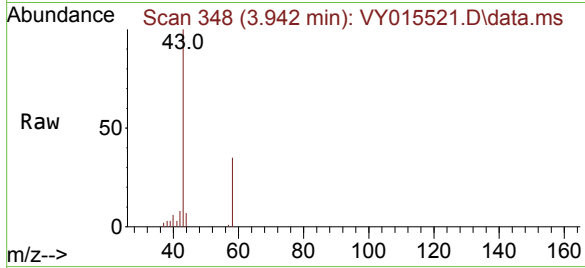
ClientSampleId :

Tgt Ion: 43 Resp: 18472

Ion Ratio Lower Upper

43 100

58 35.0 22.7 34.1#



#17

Carbon Disulfide

Concen: 10.672 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY015521.D

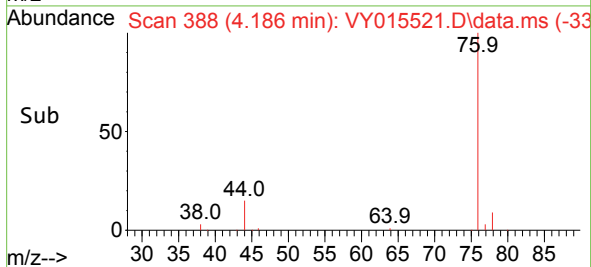
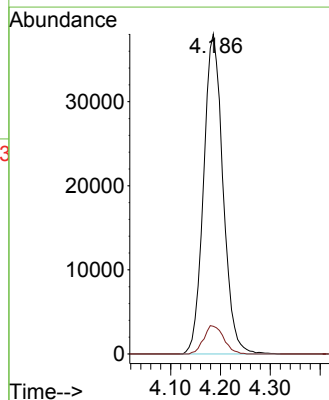
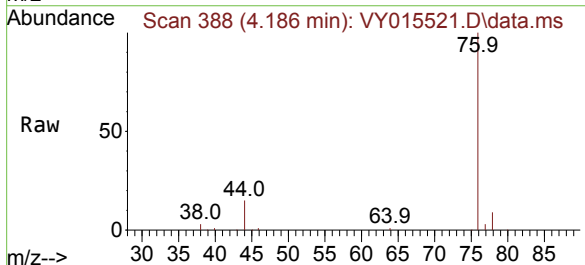
Acq: 12 Sep 2023 20:33

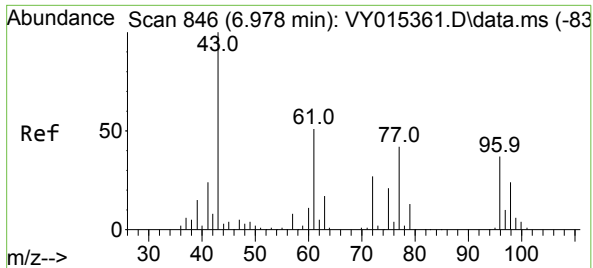
Tgt Ion: 76 Resp: 102786

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

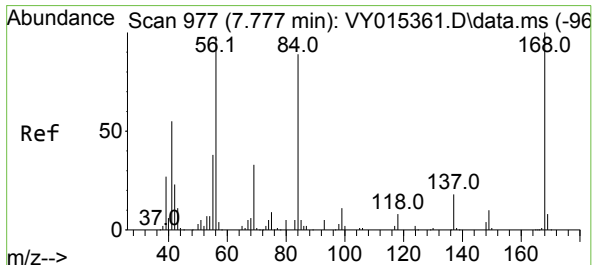
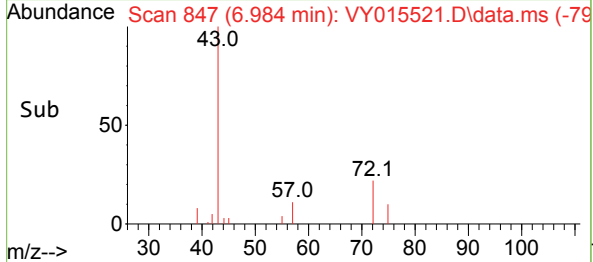
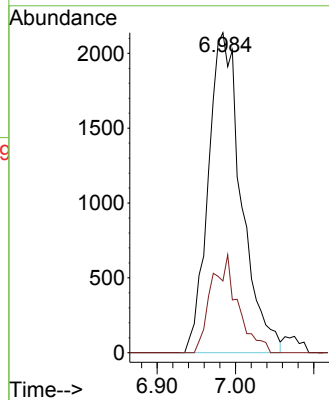
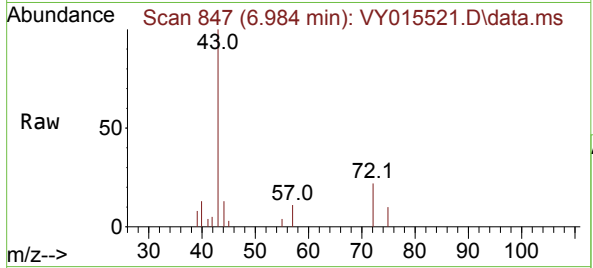




#25
2-Butanone
Concen: 3.051 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015521.D
Acq: 12 Sep 2023 20:33

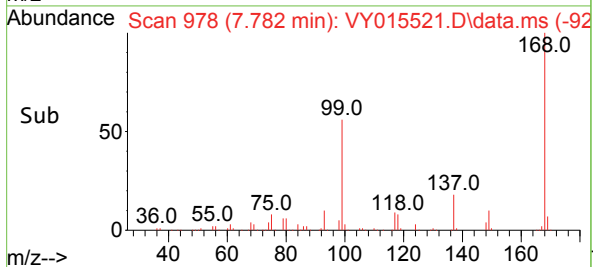
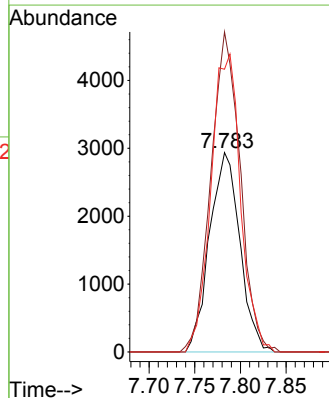
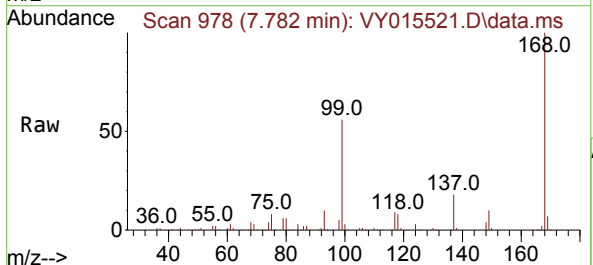
Instrument :
MSVOA_Y
ClientSampleId :

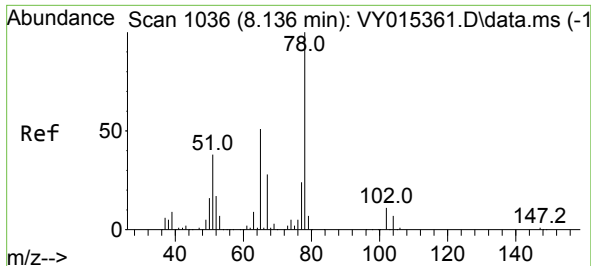
Tgt Ion: 43 Resp: 6275
Ion Ratio Lower Upper
43 100
72 22.4 20.5 30.7



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015521.D
Acq: 12 Sep 2023 20:33

Tgt Ion: 56 Resp: 6776
Ion Ratio Lower Upper
56 100
69 160.4 27.8 41.6#
84 141.8 66.4 99.6#

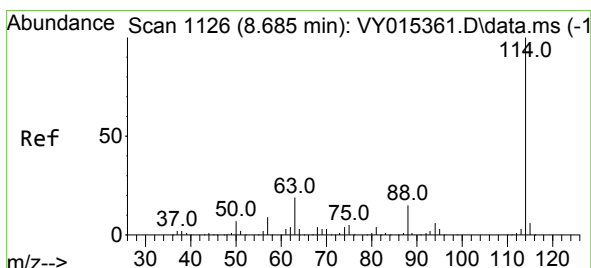
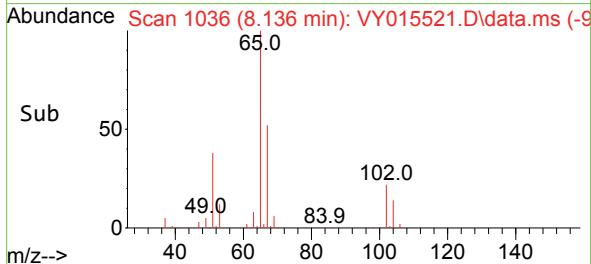
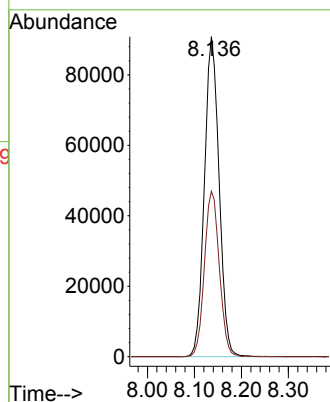
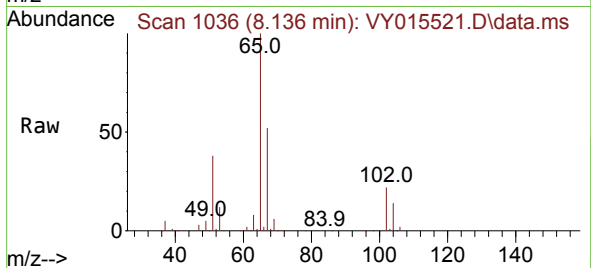




#33
 1,2-Dichloroethane-d4
 Concen: 56.598 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY015521.D
 Acq: 12 Sep 2023 20:33

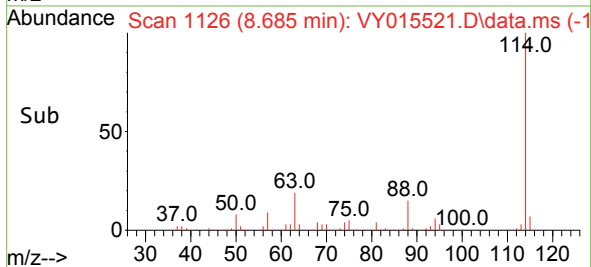
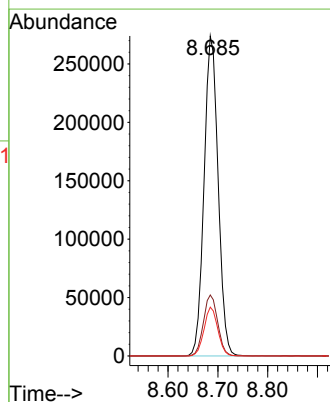
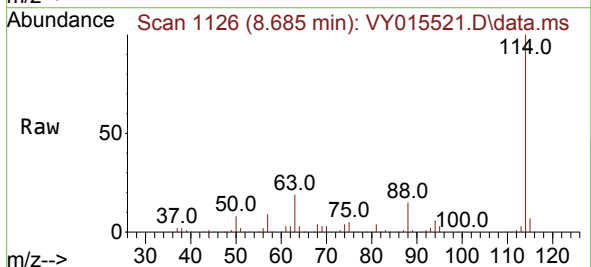
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 196633
 Ion Ratio Lower Upper
 65 100
 67 52.4 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: VY015521.D
 Acq: 12 Sep 2023 20:33

Tgt Ion:114 Resp: 536035
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 15.2 0.0 30.6

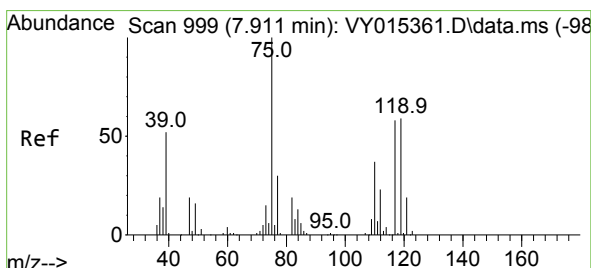
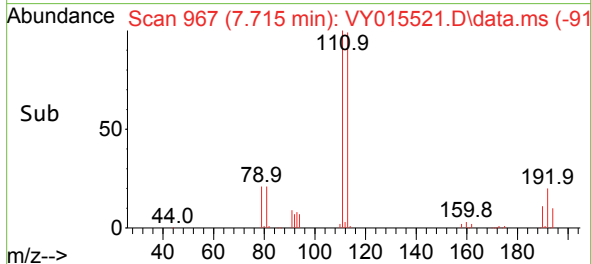
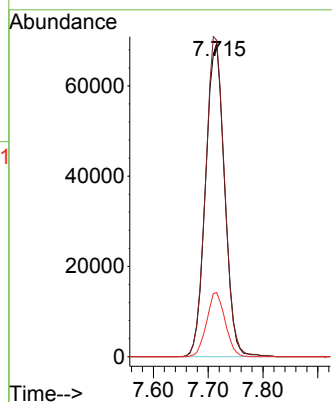
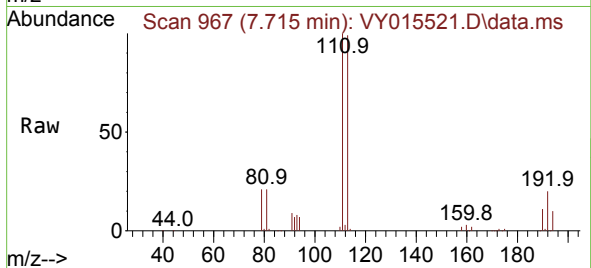




#35
Dibromofluoromethane
Concen: 54.101 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015521.D
Acq: 12 Sep 2023 20:33

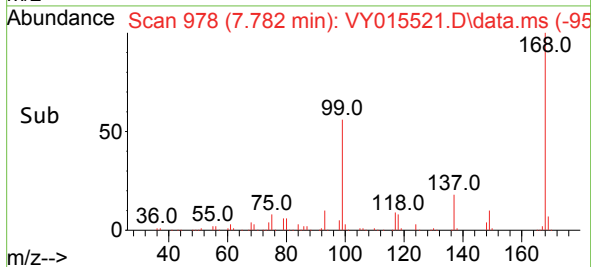
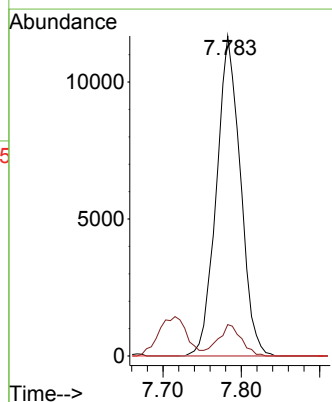
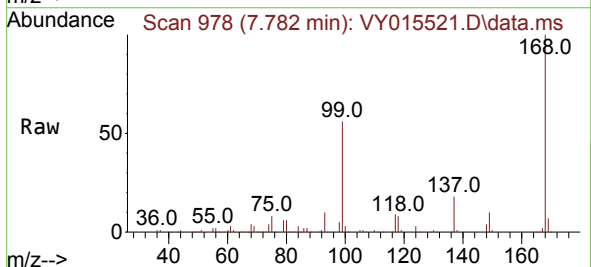
Instrument :
MSVOA_Y
ClientSampleId :

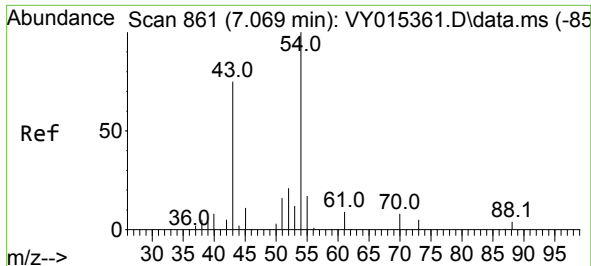
Tgt Ion:113 Resp: 167035
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015521.D
Acq: 12 Sep 2023 20:33

Tgt Ion: 75 Resp: 24864
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.501 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.080 min

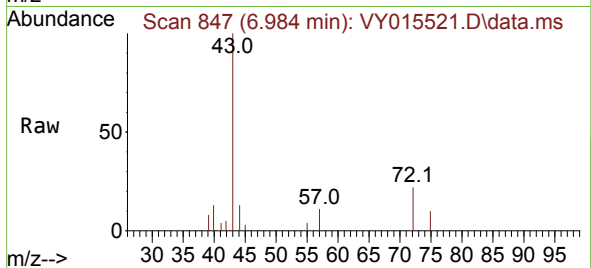
Lab File: VY015521.D

Acq: 12 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :



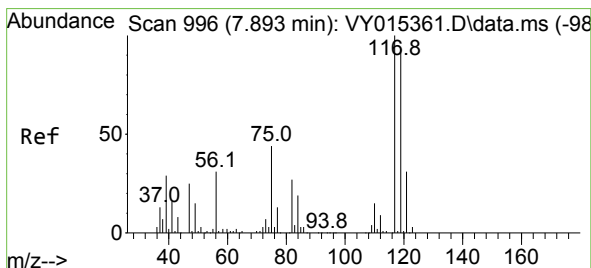
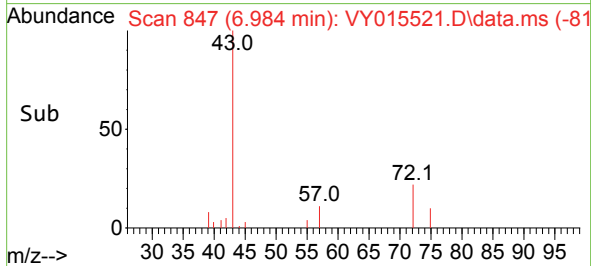
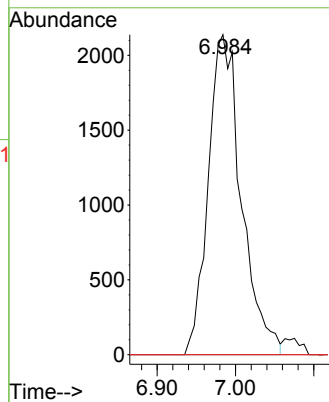
Tgt Ion: 43 Resp: 6275

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.808 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY015521.D

Acq: 12 Sep 2023 20:33

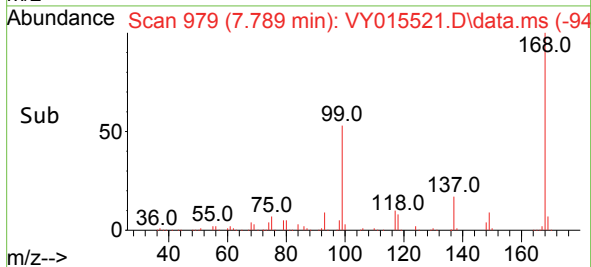
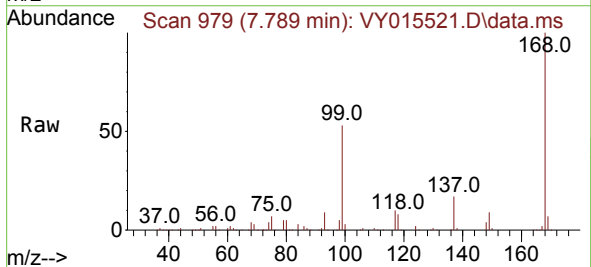
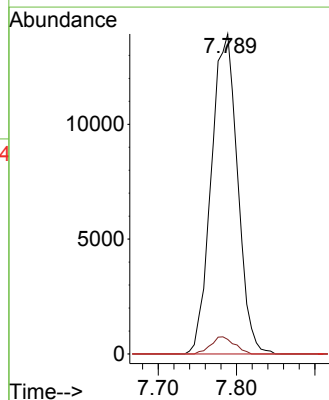
Tgt Ion: 117 Resp: 32517

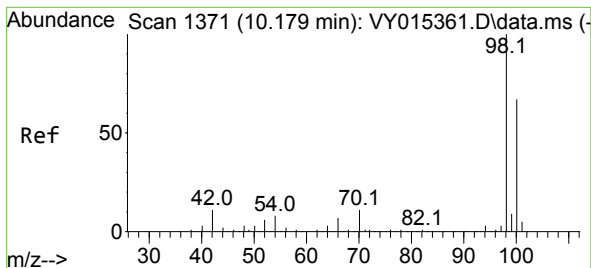
Ion Ratio Lower Upper

117 100

119 4.5 76.4 114.6#

121 0.0 25.8 38.6#

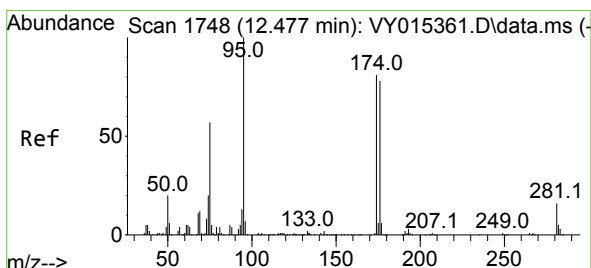
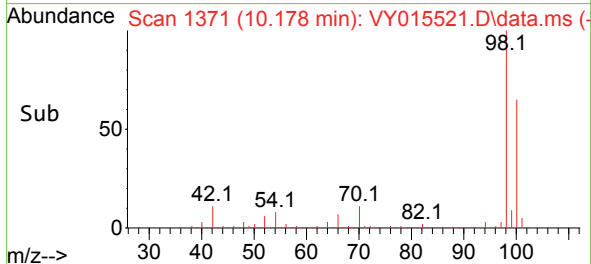
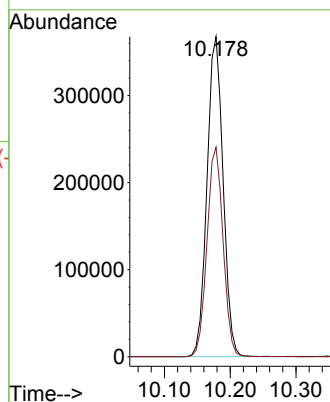
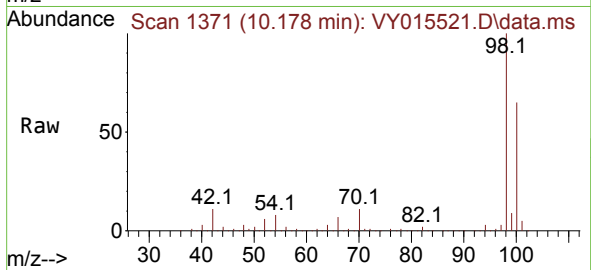




#50
Toluene-d8
Concen: 55.904 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015521.D
Acq: 12 Sep 2023 20:33

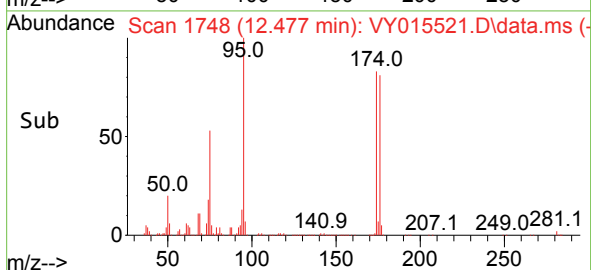
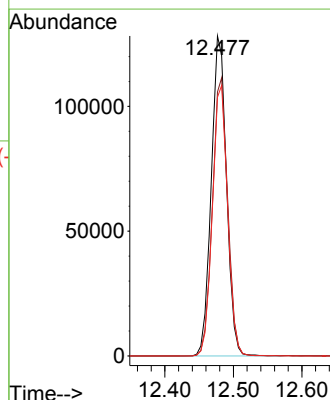
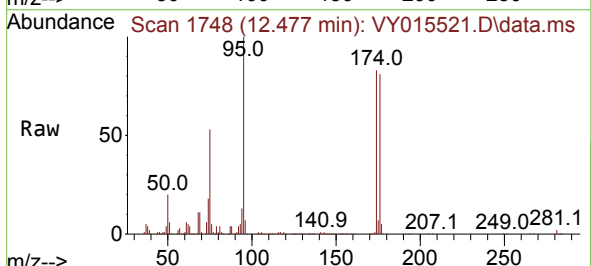
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 625056
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.601 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015521.D
Acq: 12 Sep 2023 20:33

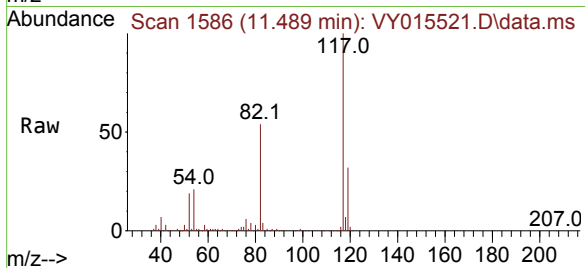
Tgt Ion: 95 Resp: 197579
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.2
176 84.7 0.0 173.8



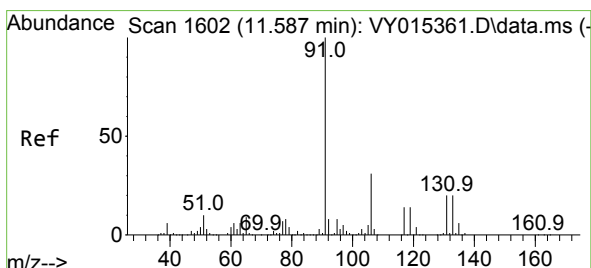
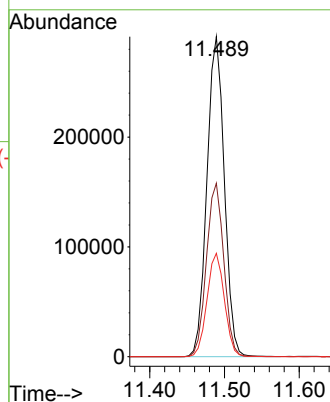
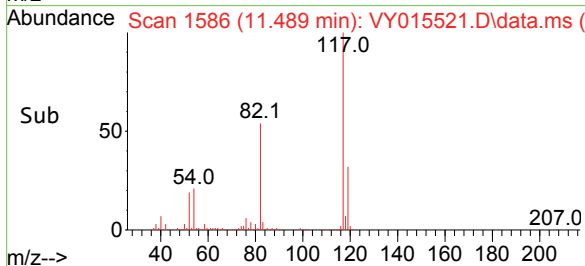


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015521.D
Acq: 12 Sep 2023 20:33

Instrument :
MSVOA_Y
ClientSampleId :

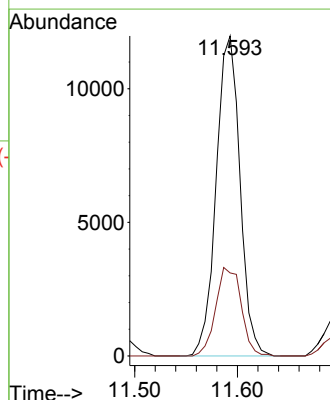
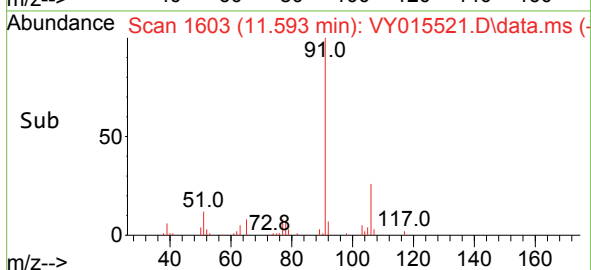
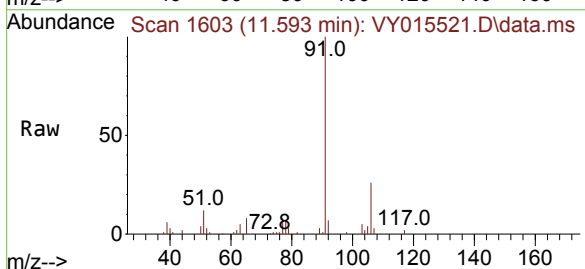


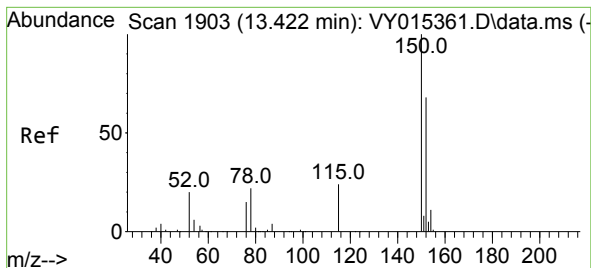
Tgt Ion:117 Resp: 470845
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.3 26.3 39.5



#67
Ethyl Benzene
Concen: 1.055 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015521.D
Acq: 12 Sep 2023 20:33

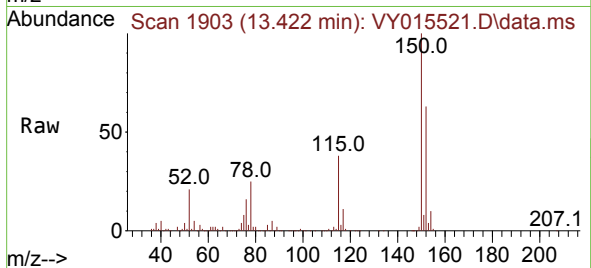
Tgt Ion: 91 Resp: 19224
Ion Ratio Lower Upper
91 100
106 25.9 24.6 36.8



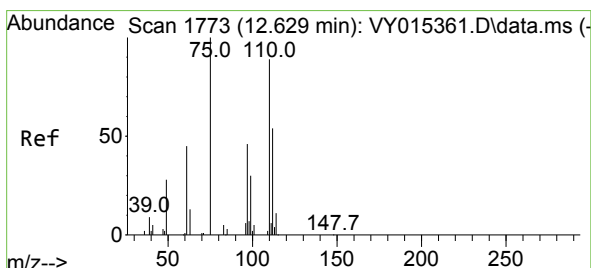
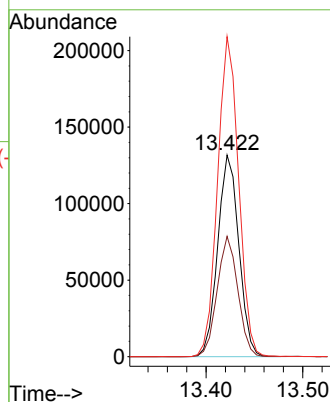
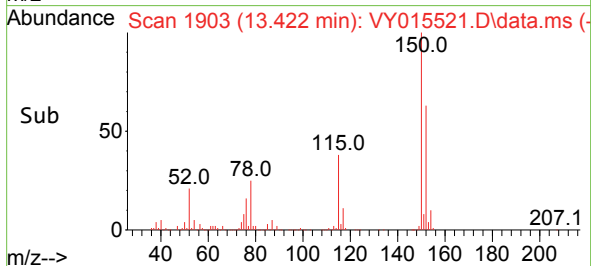


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015521.D
 Acq: 12 Sep 2023 20:33

Instrument :
 MSVOA_Y
 ClientSampleId :

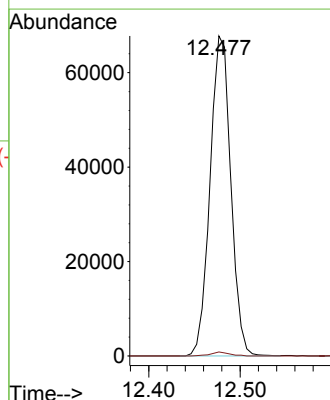
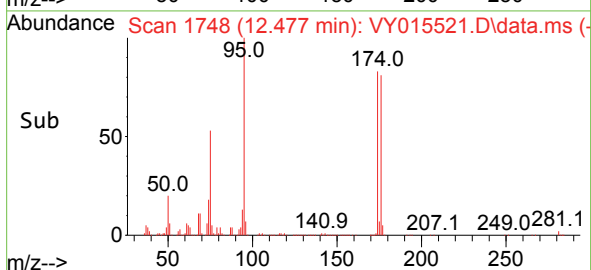
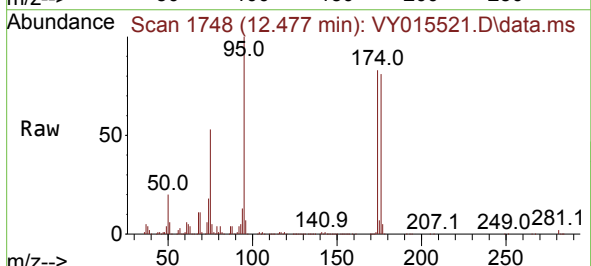


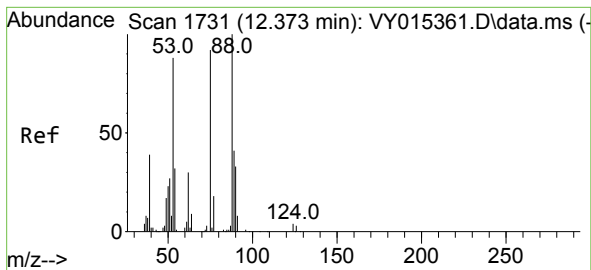
Tgt Ion:152 Resp: 199546
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.8 86.5
 150 158.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.381 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY015521.D
 Acq: 12 Sep 2023 20:33

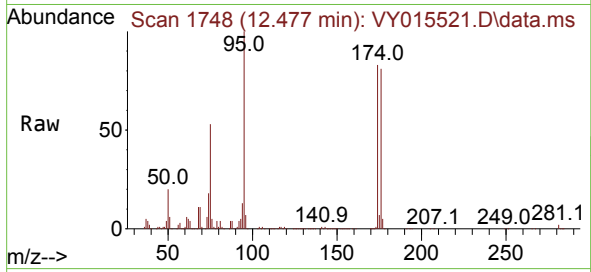
Tgt Ion: 75 Resp: 106855
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.075 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015521.D
 Acq: 12 Sep 2023 20:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 106855
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

