

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092523\
 Data File : VY015700.D
 Acq On : 25 Sep 2023 13:33
 Operator : SY/MD
 Sample : 04566-03RE
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:23:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

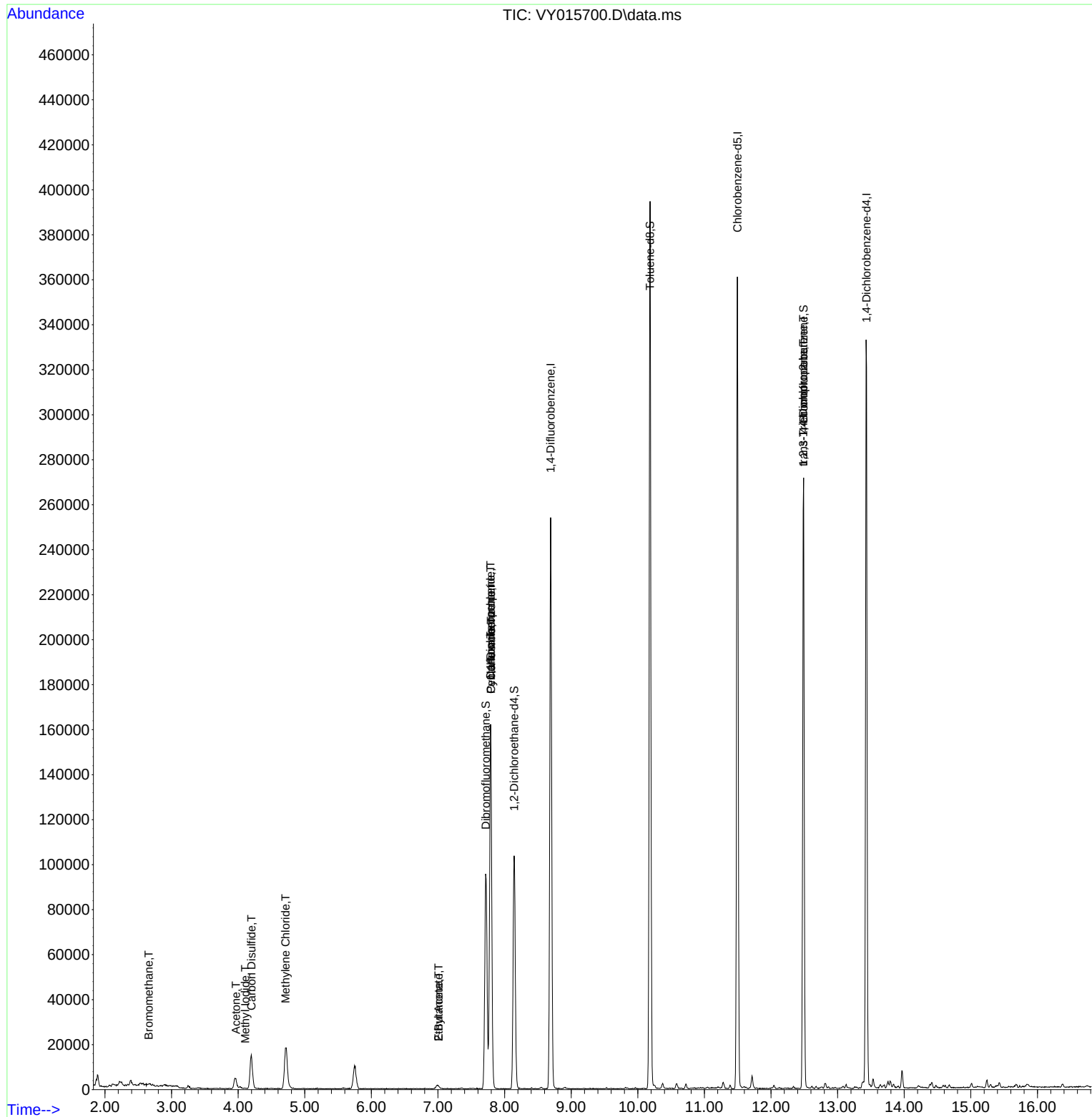
Internal Standards						
1) Pentafluorobenzene	7.795	168	124846	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	215021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83263	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81658	59.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.900%	
35) Dibromofluoromethane	7.716	113	69662	54.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.260%	
50) Toluene-d8	10.185	98	254167	58.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.500%	
62) 4-Bromofluorobenzene	12.489	95	80668	47.107	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	316	2.811	ug/l #	47
10) Methyl Iodide	4.107	142	399	2.986	ug/l #	38
11) Tert butyl alcohol	4.954	59	281	Below Cal	#	89
16) Acetone	3.966	43	8986	12.224	ug/l	97
17) Carbon Disulfide	4.198	76	30098	14.106	ug/l	99
20) Methylene Chloride	4.710	84	14001	4.270	ug/l	90
25) 2-Butanone	7.009	43	2322	2.235	ug/l	99
31) Cyclohexane	7.795	56	2627	1.381	ug/l #	3
36) 1,1-Dichloropropene	7.789	75	9973	5.241	ug/l #	50
37) Ethyl Acetate	7.009	43	2322	1.223	ug/l #	71
38) Carbon Tetrachloride	7.789	117	12200	5.906	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	42959	32.341	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42959	72.828	ug/l #	11

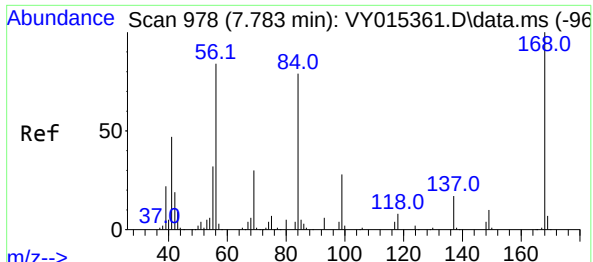
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092523\
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MSVOA_Y
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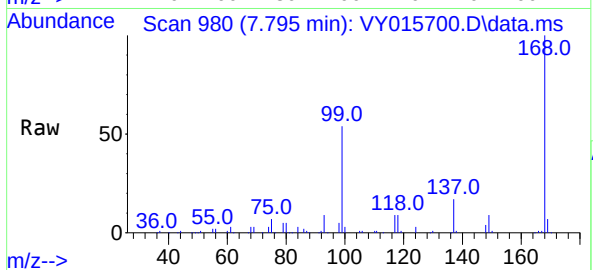
Quant Time: Sep 26 04:23:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration



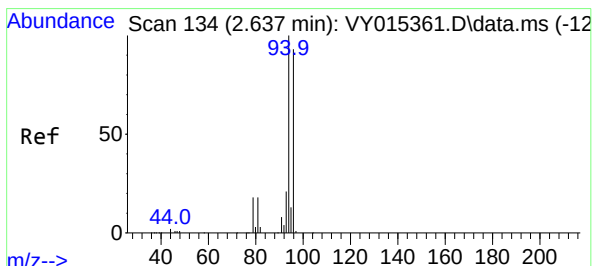
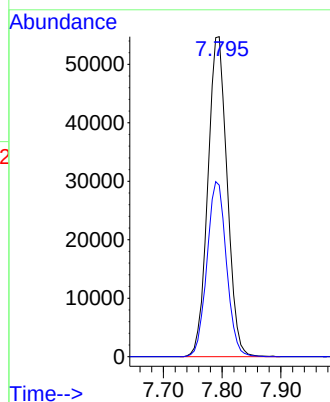
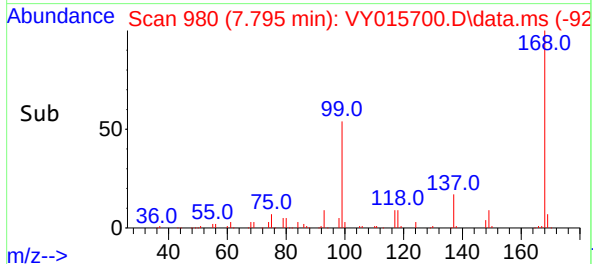


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Instrument :
MSVOA_Y
ClientSampleId :

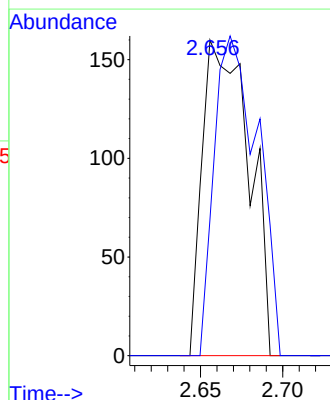
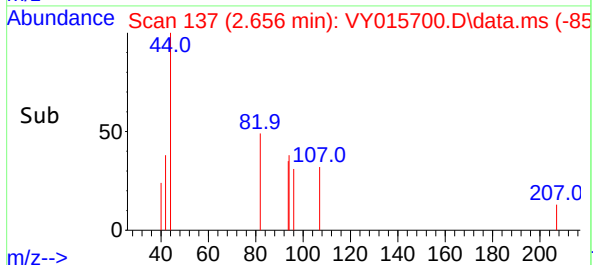
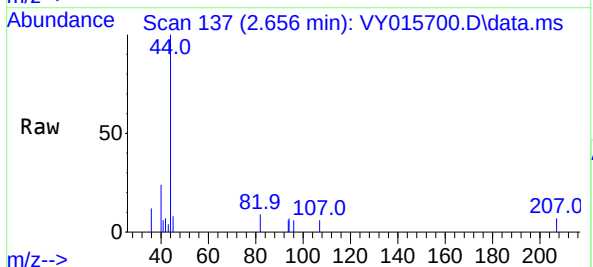


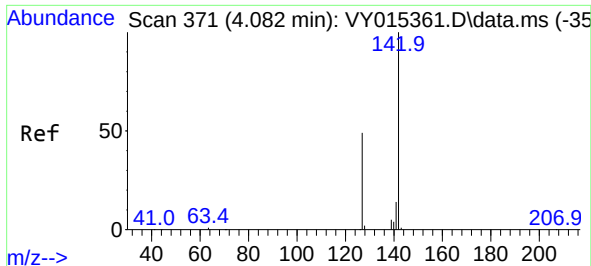
Tgt Ion:168 Resp: 124846
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#5
Bromomethane
Concen: 2.811 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

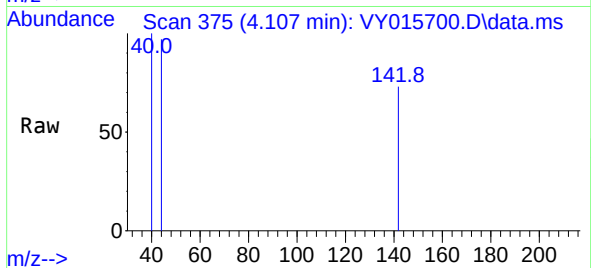
Tgt Ion: 94 Resp: 316
Ion Ratio Lower Upper
94 100
96 43.1 75.8 113.6#



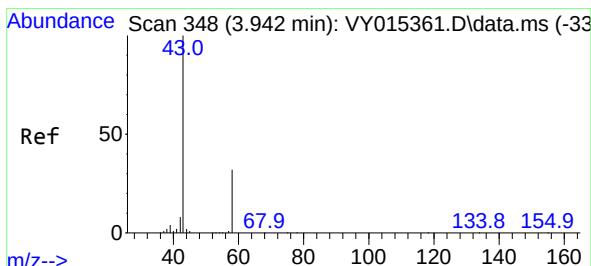
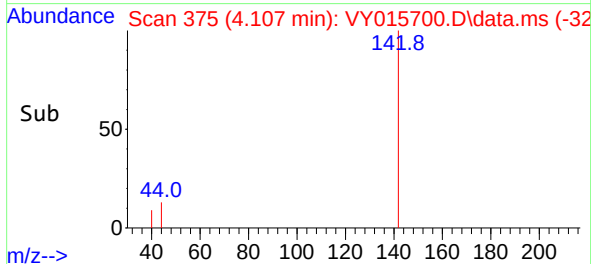
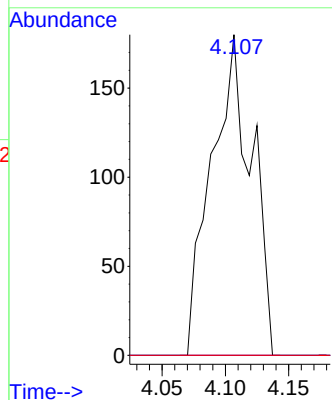


#10
Methyl Iodide
Concen: 2.986 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Instrument :
MSVOA_Y
ClientSampleId :

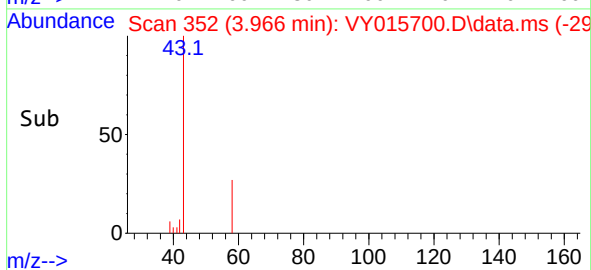
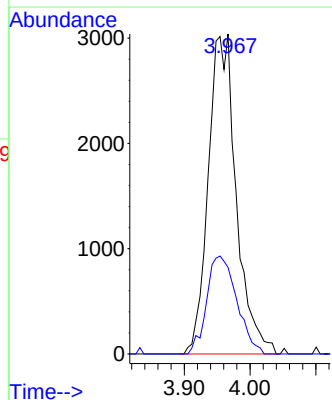
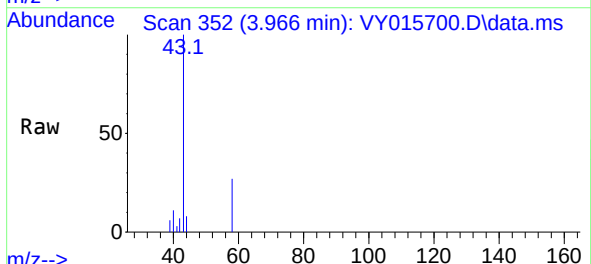


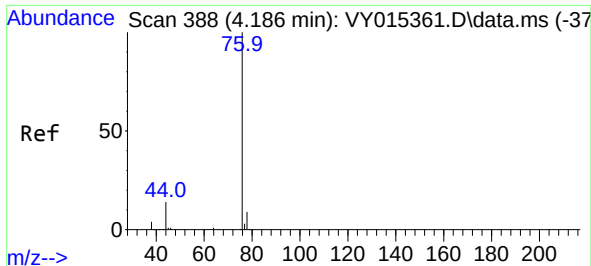
Tgt Ion:142 Resp: 399
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 12.224 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Tgt Ion: 43 Resp: 8986
Ion Ratio Lower Upper
43 100
58 27.1 22.7 34.1

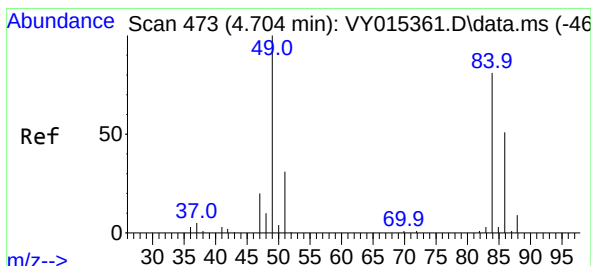
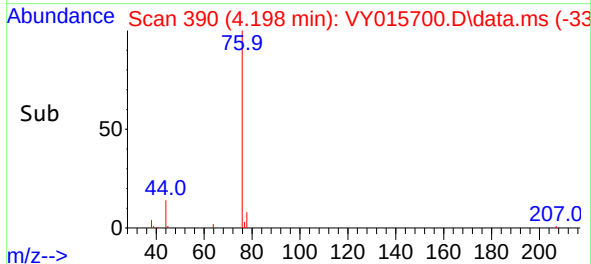
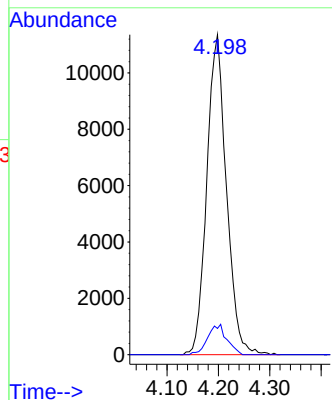
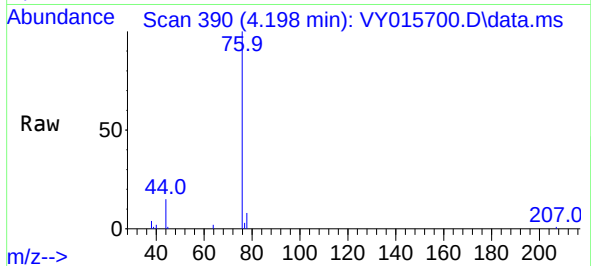




#17
Carbon Disulfide
Concen: 14.106 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

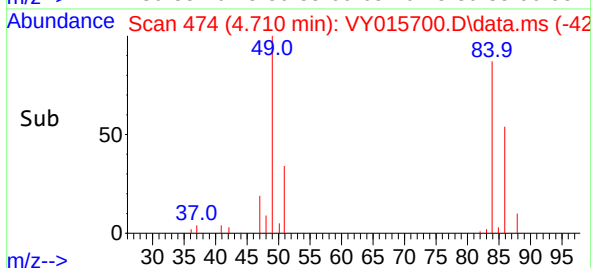
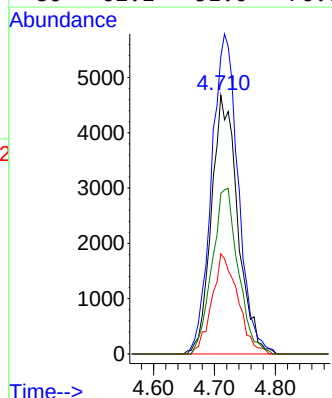
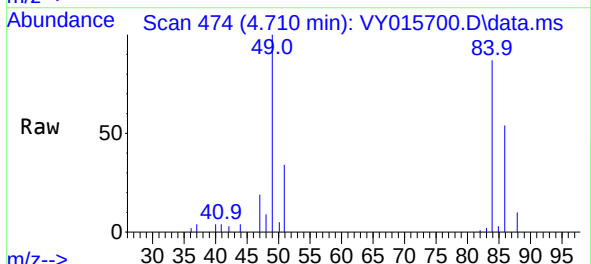
Instrument :
MSVOA_Y
ClientSampleId :

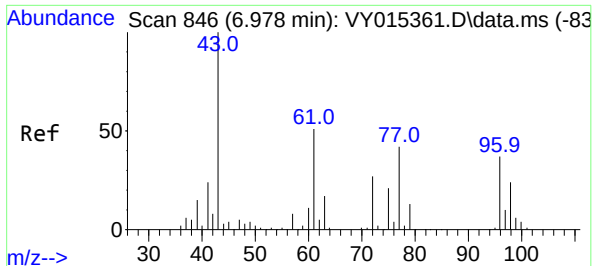
Tgt Ion: 76 Resp: 30098
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#20
Methylene Chloride
Concen: 4.270 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Tgt Ion: 84 Resp: 14001
Ion Ratio Lower Upper
84 100
49 115.1 106.9 160.3
51 38.7 33.2 49.8
86 62.1 51.0 76.6

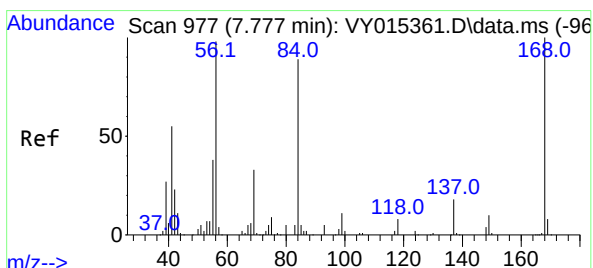
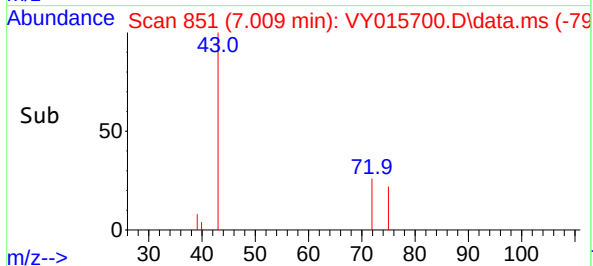
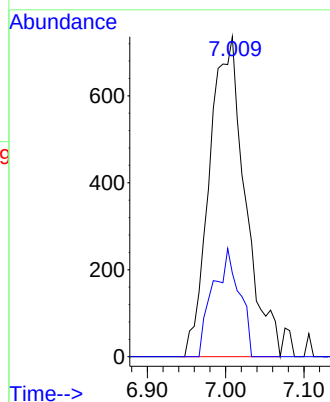
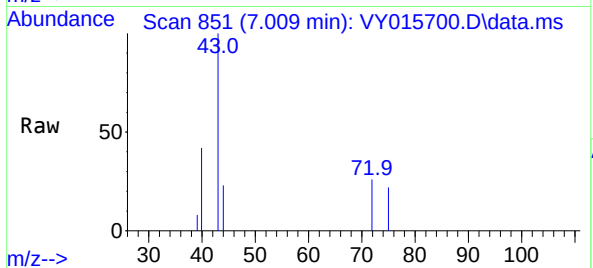




#25
2-Butanone
Concen: 2.235 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.031 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

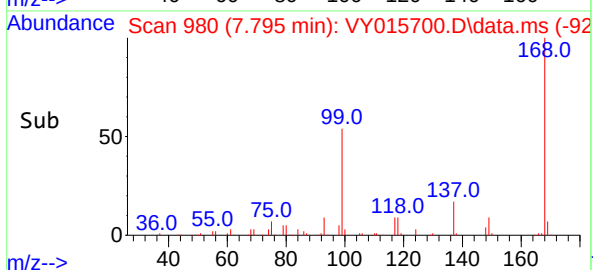
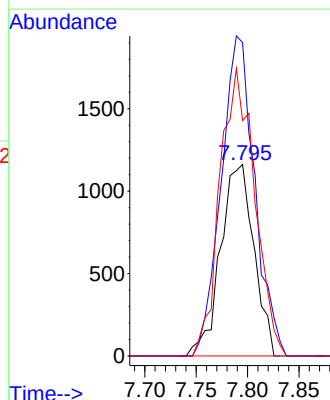
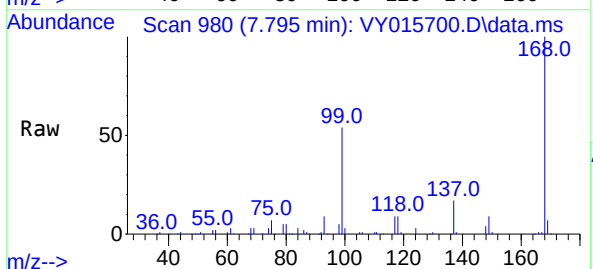
Instrument :
MSVOA_Y
ClientSampleId :

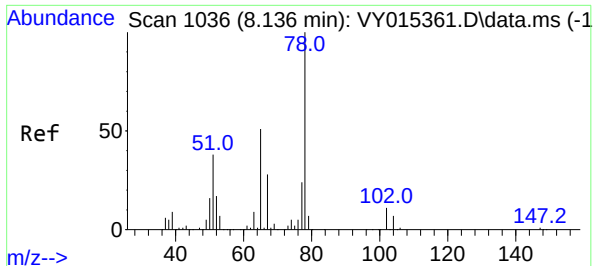
Tgt Ion: 43 Resp: 2322
Ion Ratio Lower Upper
43 100
72 26.1 20.5 30.7



#31
Cyclohexane
Concen: 1.381 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Tgt Ion: 56 Resp: 2627
Ion Ratio Lower Upper
56 100
69 163.7 27.8 41.6#
84 122.9 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.446 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY015700.D

Acq: 25 Sep 2023 13:33

Instrument :

MSVOA_Y

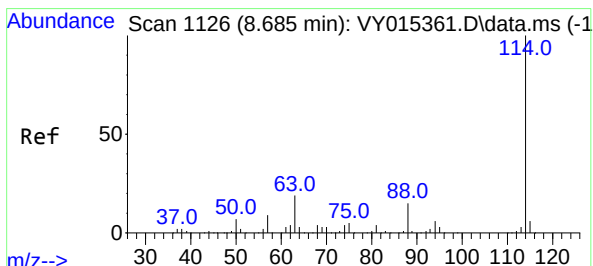
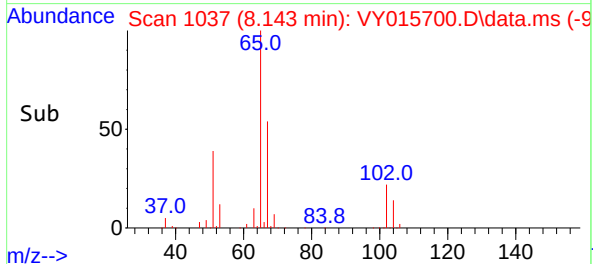
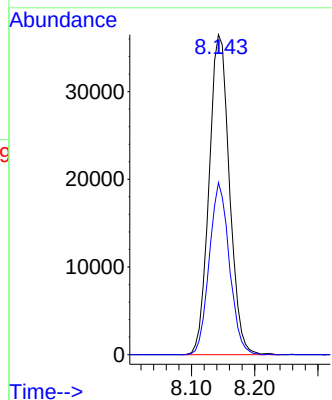
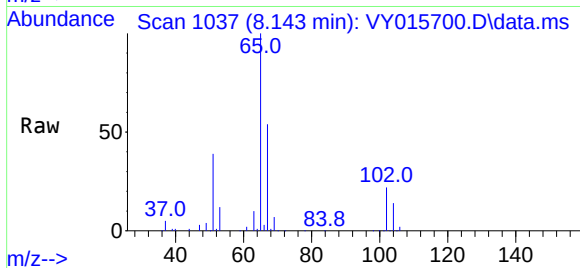
ClientSampleId :

Tgt Ion: 65 Resp: 81658

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015700.D

Acq: 25 Sep 2023 13:33

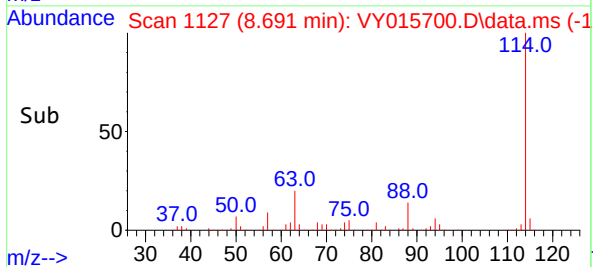
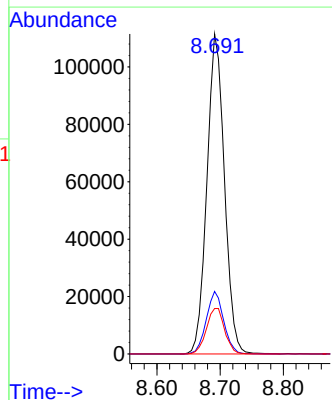
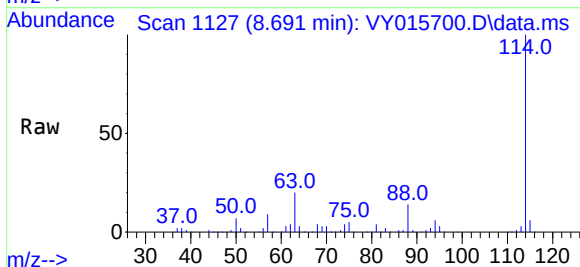
Tgt Ion: 114 Resp: 215021

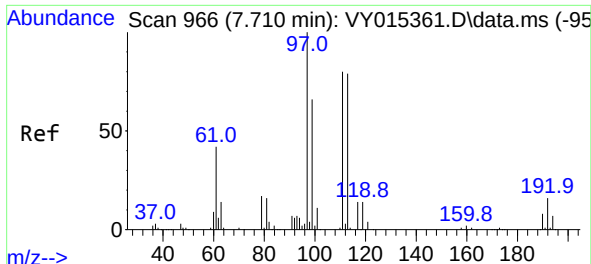
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.2 0.0 30.6

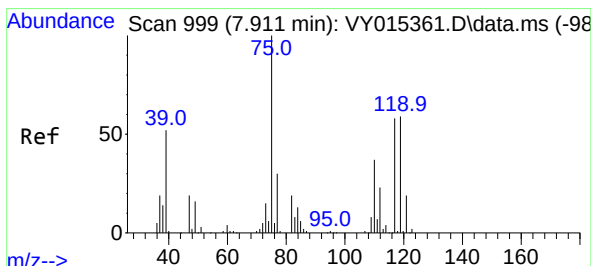
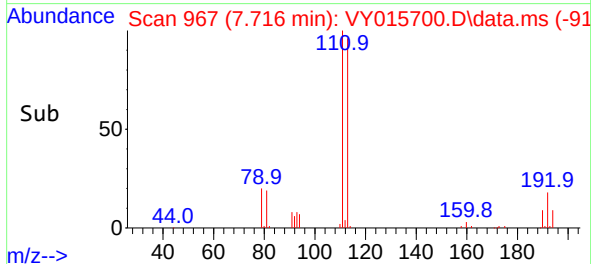
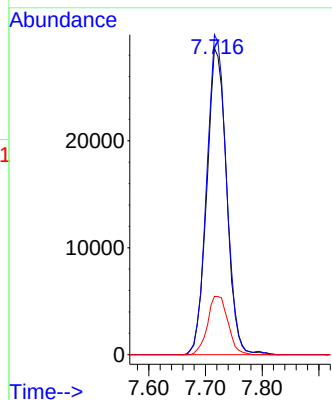
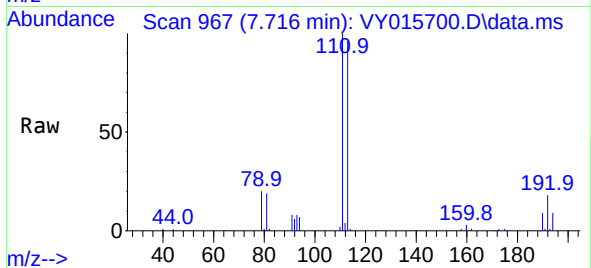




#35
Dibromofluoromethane
Concen: 54.128 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

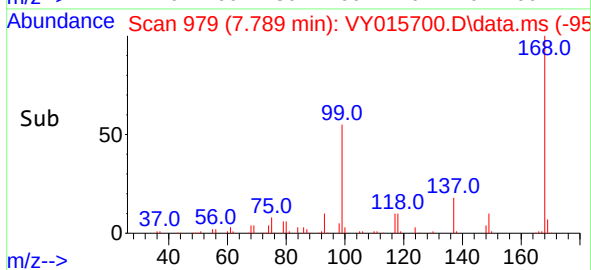
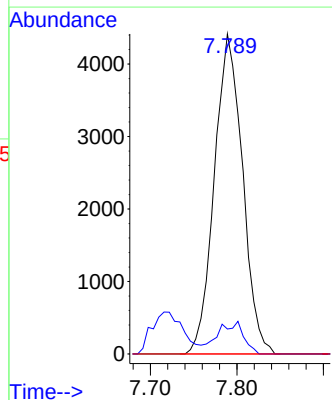
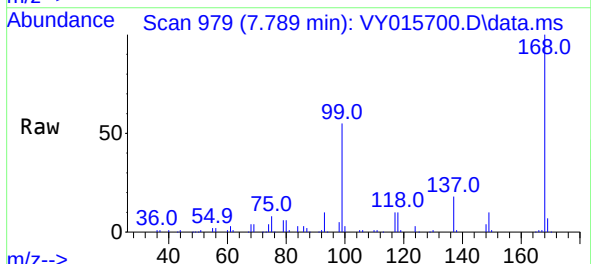
Instrument :
MSVOA_Y
ClientSampleId :

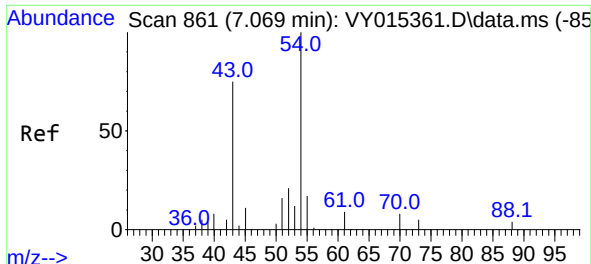
Tgt Ion:113 Resp: 69662
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.241 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

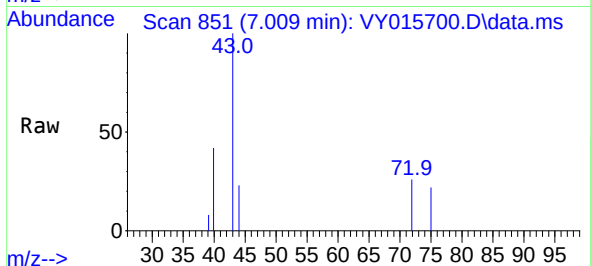
Tgt Ion: 75 Resp: 9973
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



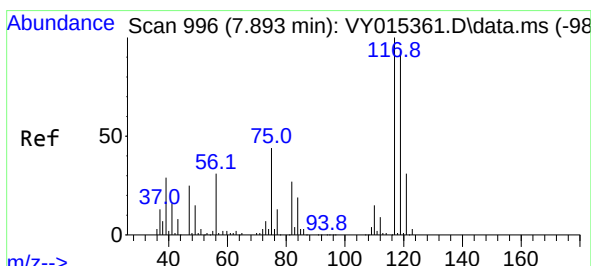
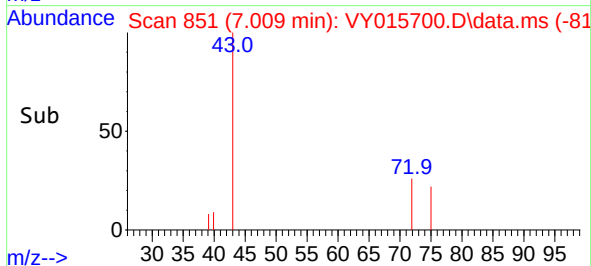
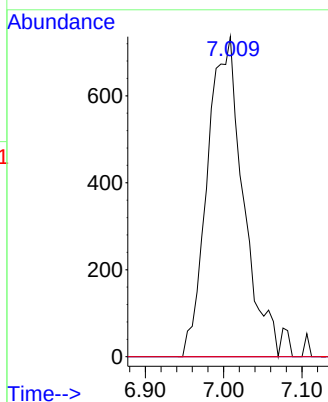


#37
Ethyl Acetate
Concen: 1.223 ug/l
RT: 7.009 min Scan# 81
Delta R.T. -0.054 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Instrument :
MSVOA_Y
ClientSampleId :

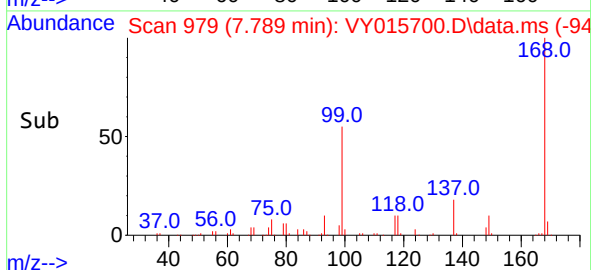
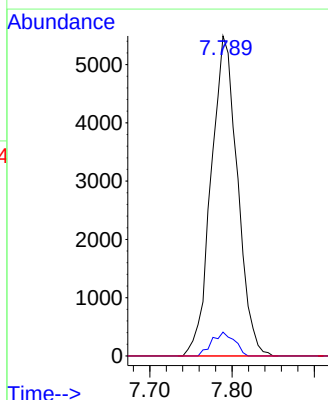
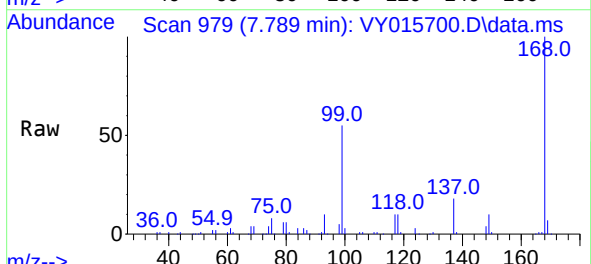


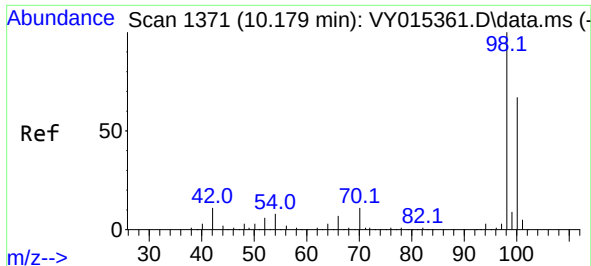
Tgt Ion: 43 Resp: 2322
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.906 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Tgt Ion: 117 Resp: 12200
Ion Ratio Lower Upper
117 100
119 7.4 76.4 114.6#
121 0.0 25.8 38.6#

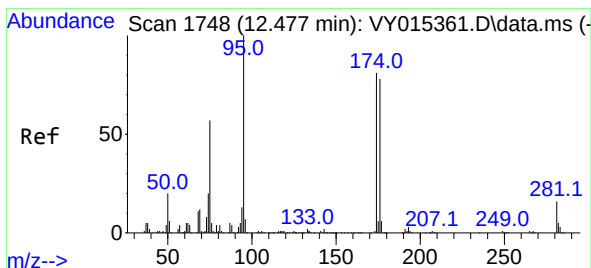
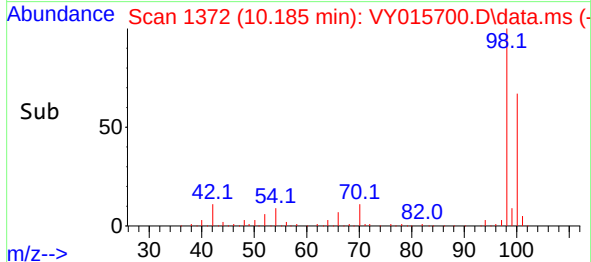
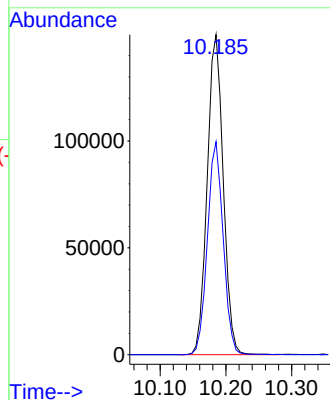
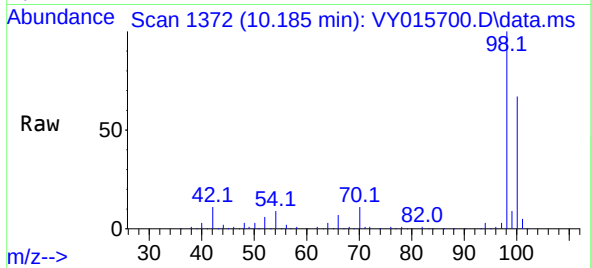




#50
Toluene-d8
Concen: 58.246 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

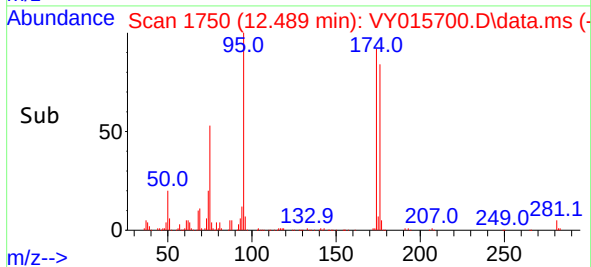
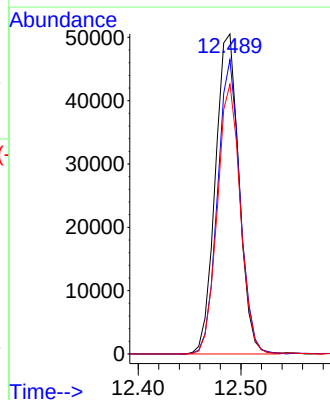
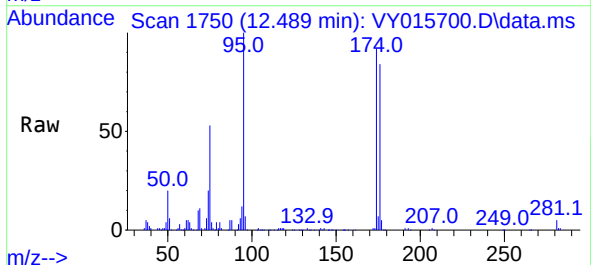
Instrument :
MSVOA_Y
ClientSampleId :

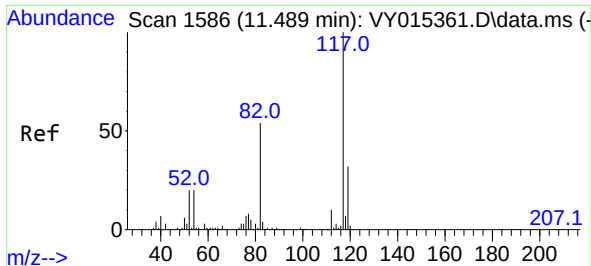
Tgt Ion: 98 Resp: 254167
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.107 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

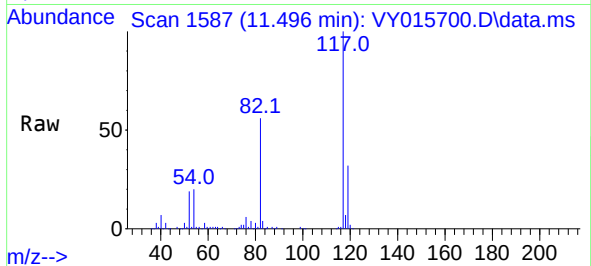
Tgt Ion: 95 Resp: 80668
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.2
176 82.2 0.0 173.8





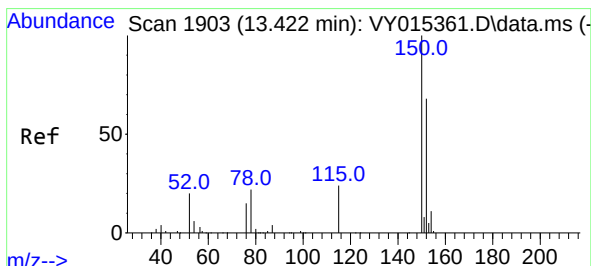
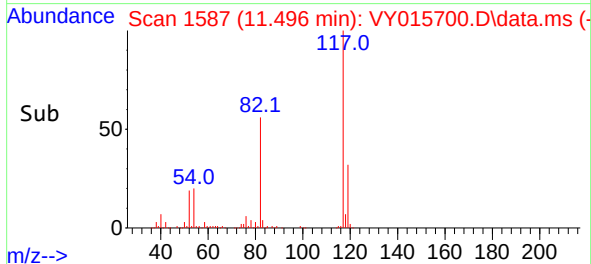
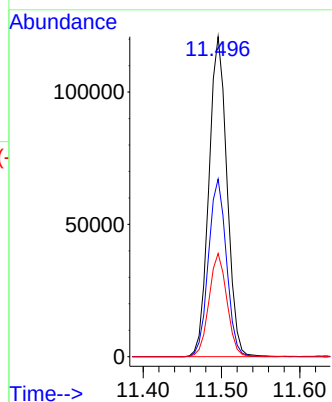
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:117 Resp: 193983

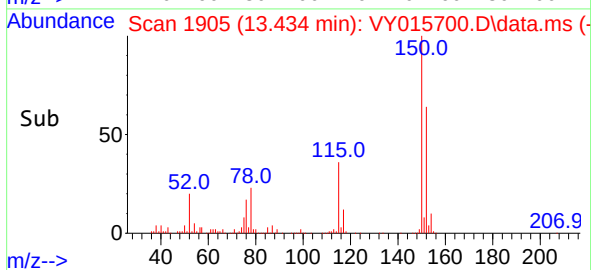
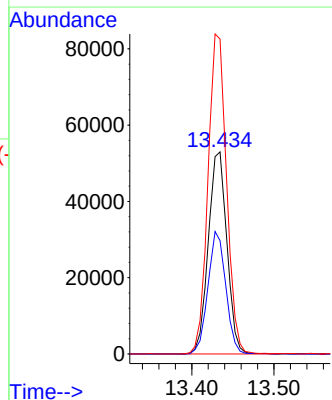
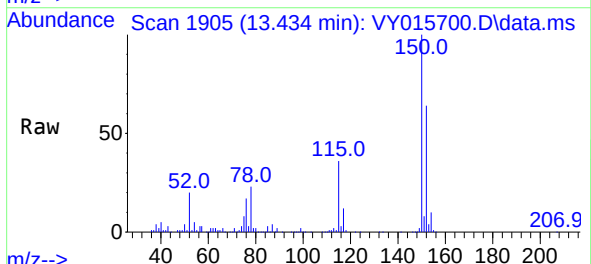
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.4	65.0
119	32.3	26.3	39.5

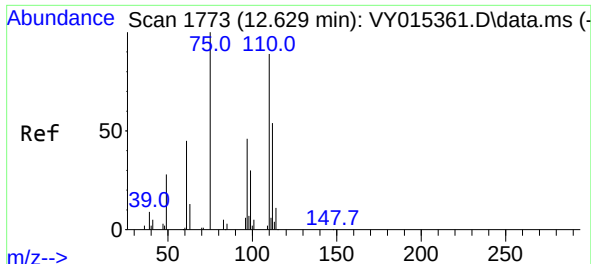


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Tgt Ion:152 Resp: 83263

Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.5
150	157.7	0.0	348.8

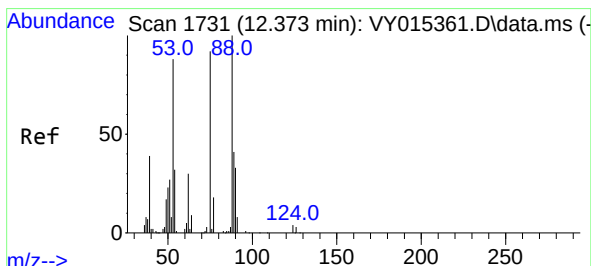
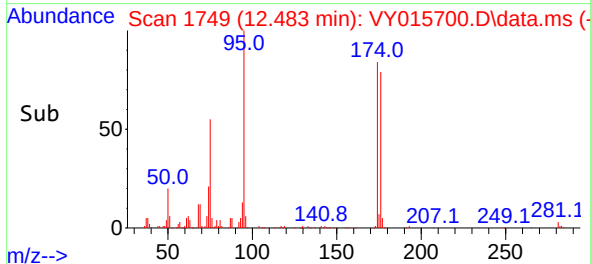
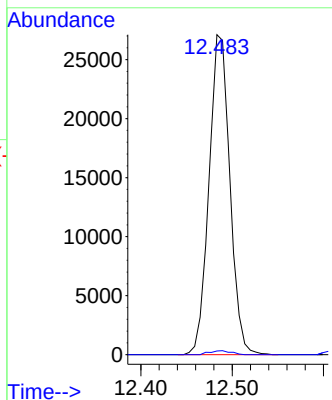
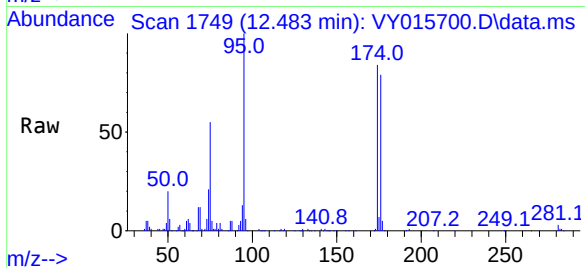




#76
1,2,3-Trichloropropane
Concen: 32.341 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 42959
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.828 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015700.D
Acq: 25 Sep 2023 13:33

Tgt Ion: 75 Resp: 42959
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

