

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015726.D
 Acq On : 27 Sep 2023 15:45
 Operator : SY/MD
 Sample : 04627-01
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 00:46:46 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)

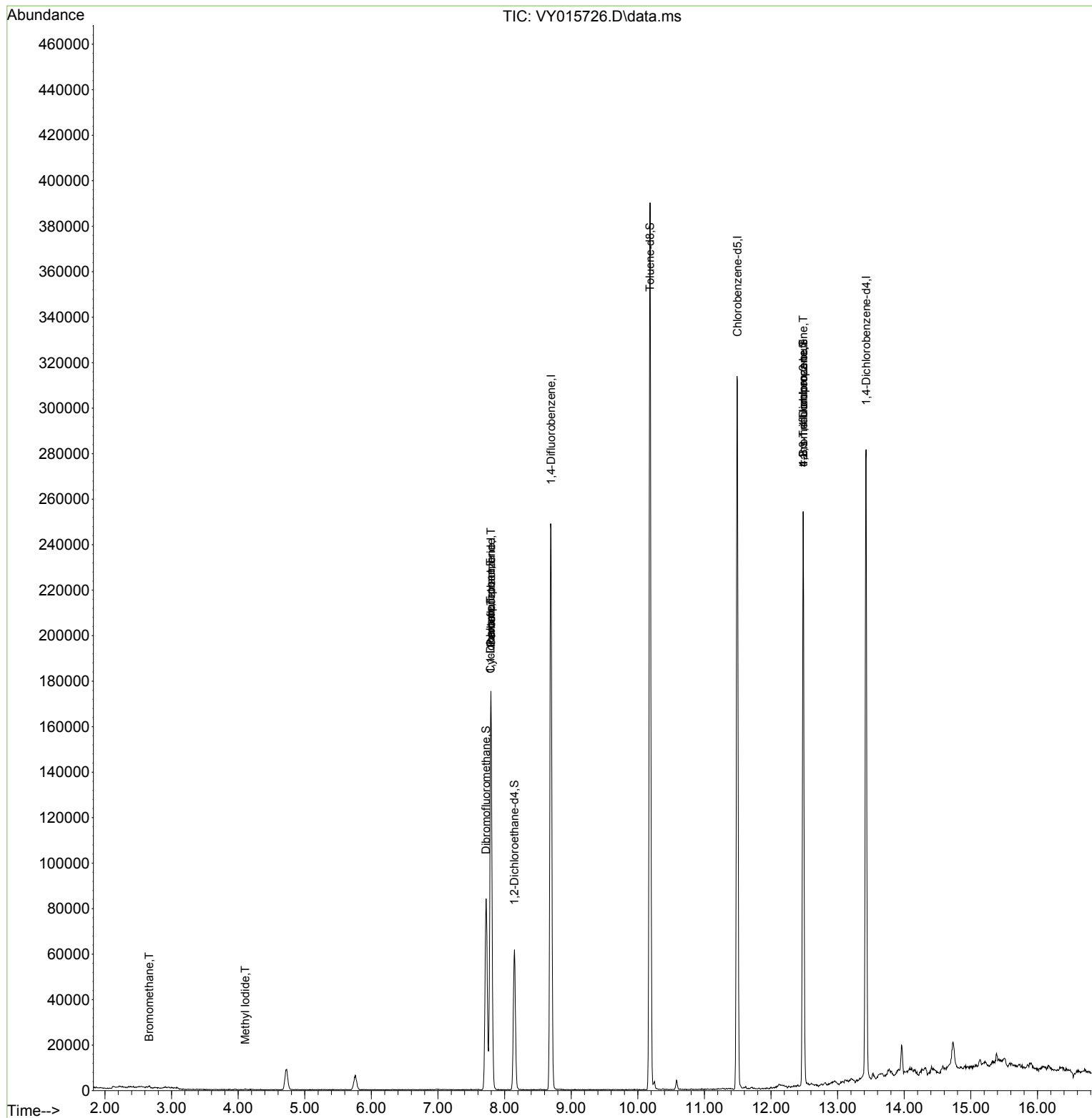
Internal Standards						
1) Pentafluorobenzene	7.795	168	134871	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	217243	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	176161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	48194	32.477	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.960%
35) Dibromofluoromethane	7.722	113	59900	46.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.140%
50) Toluene-d8	10.185	98	255091	57.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.720%
62) 4-Bromofluorobenzene	12.483	95	69661	40.263	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.520%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	247	2.741	ug/l #	65
10) Methyl Iodide	4.106	142	194	2.845	ug/l #	71
20) Methylene Chloride	4.728	84	7086	Below Cal	#	82
31) Cyclohexane	7.789	56	2842	1.382	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	10483	5.453	ug/l #	49
38) Carbon Tetrachloride	7.795	117	12894	6.179	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	36976	31.883	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36976	71.797	ug/l #	11

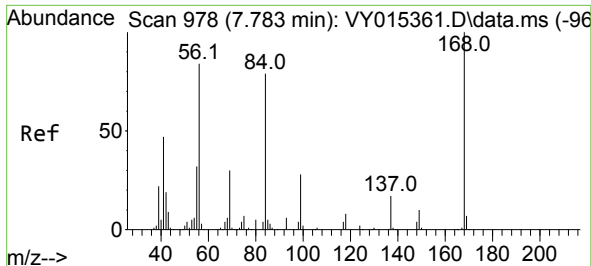
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 28 00:46:46 2023
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Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

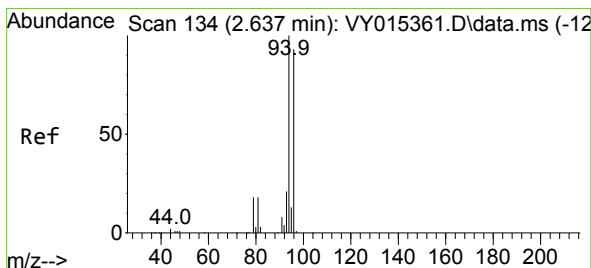
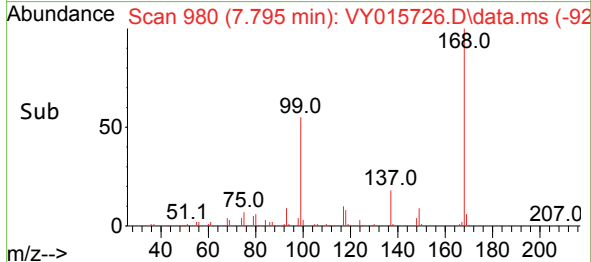
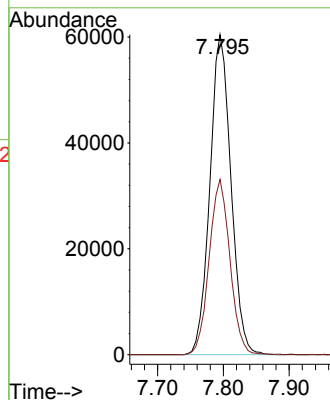
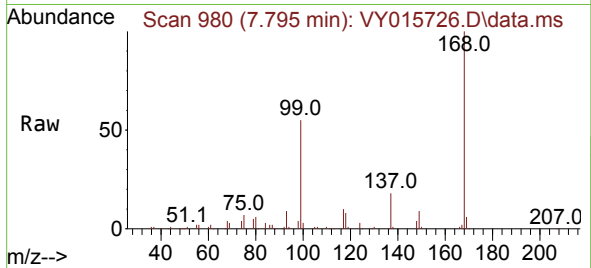




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015726.D
Acq: 27 Sep 2023 15:45

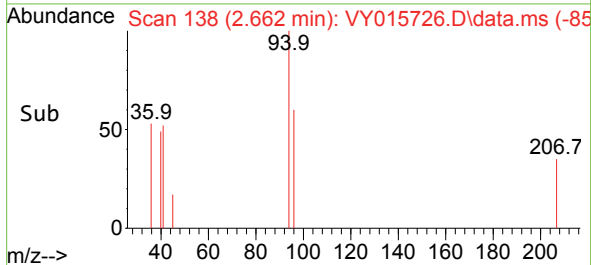
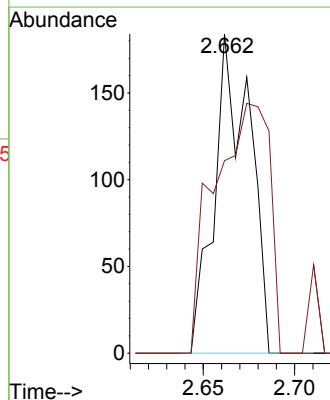
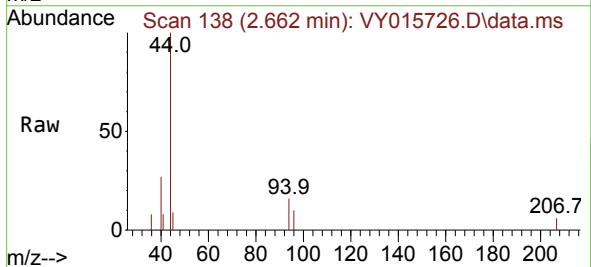
Instrument :
MSVOA_Y
ClientSampleId :

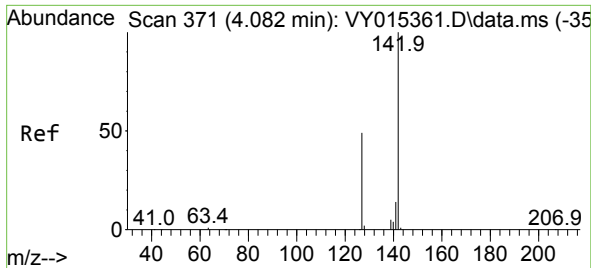
Tgt Ion:168 Resp: 134871
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#5
Bromomethane
Concen: 2.741 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015726.D
Acq: 27 Sep 2023 15:45

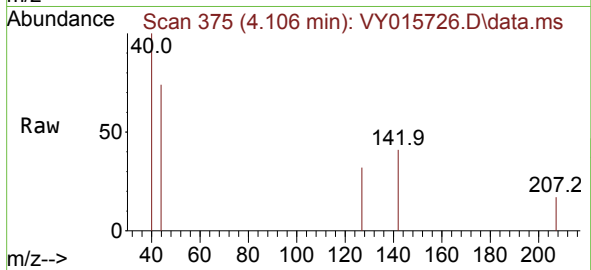
Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 60.3 75.8 113.6#



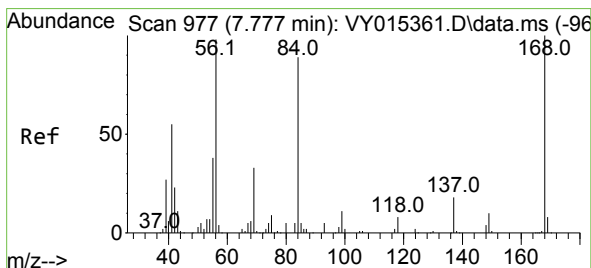
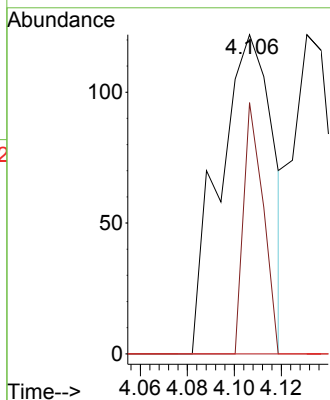
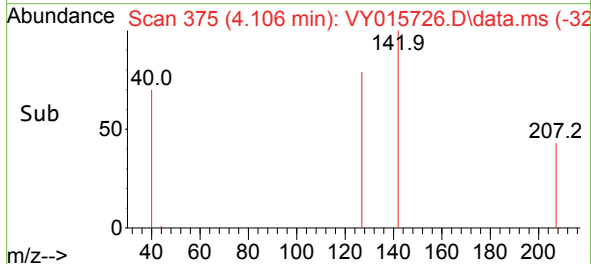


#10
Methyl Iodide
Concen: 2.845 ug/l
RT: 4.106 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY015726.D
Acq: 27 Sep 2023 15:45

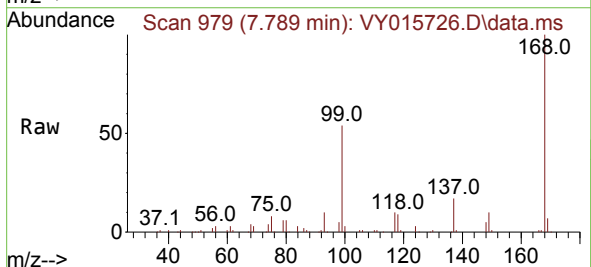
Instrument :
MSVOA_Y
ClientSampleId :



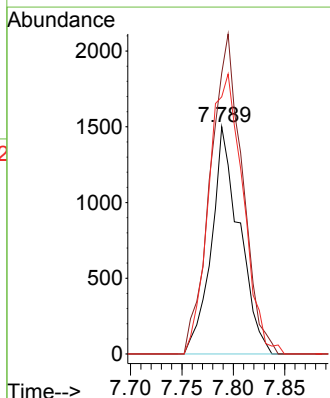
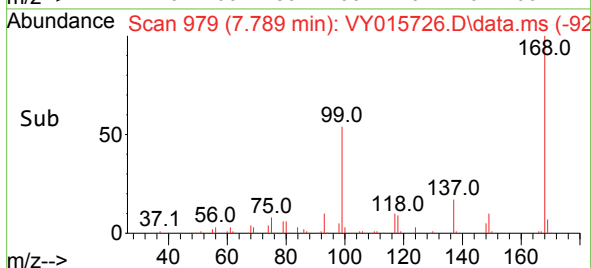
Tgt Ion:142 Resp: 194
Ion Ratio Lower Upper
142 100
127 28.9 37.6 56.4#
141 0.0 11.8 17.8#

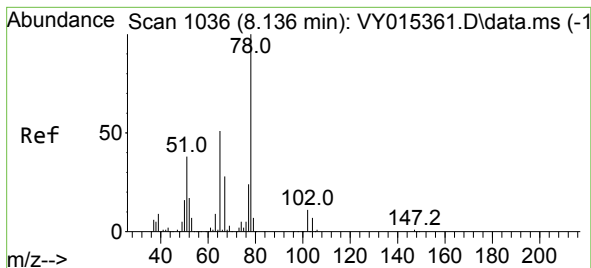


#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015726.D
Acq: 27 Sep 2023 15:45



Tgt Ion: 56 Resp: 2842
Ion Ratio Lower Upper
56 100
69 123.6 27.8 41.6#
84 113.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 32.477 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015726.D

Acq: 27 Sep 2023 15:45

Instrument :

MSVOA_Y

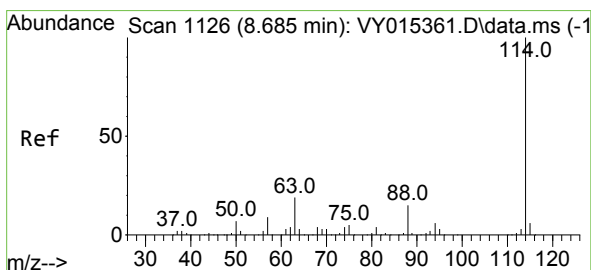
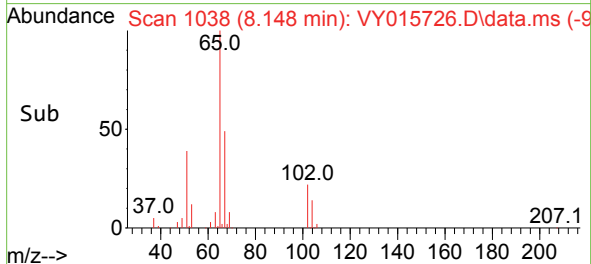
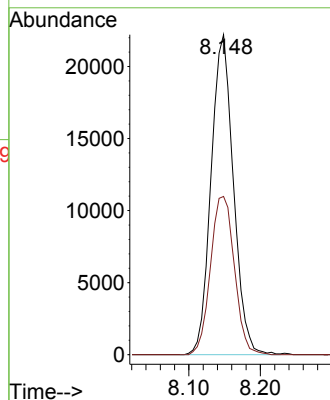
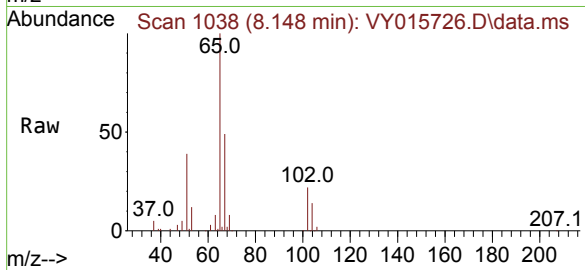
ClientSampleId :

Tgt Ion: 65 Resp: 48194

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015726.D

Acq: 27 Sep 2023 15:45

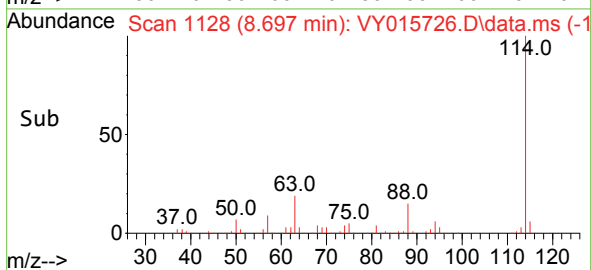
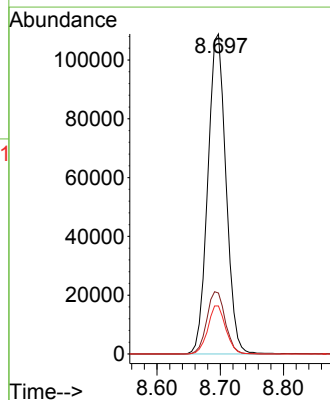
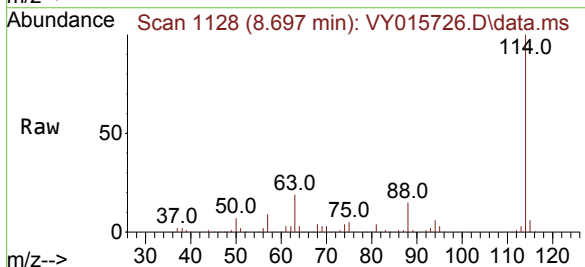
Tgt Ion: 114 Resp: 217243

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.0 0.0 30.6

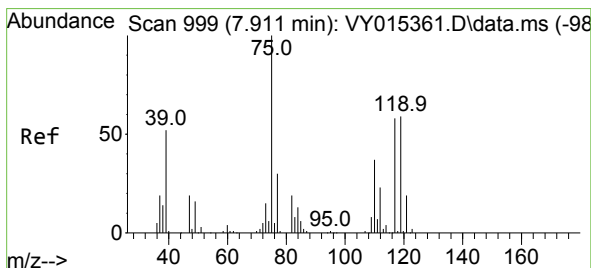
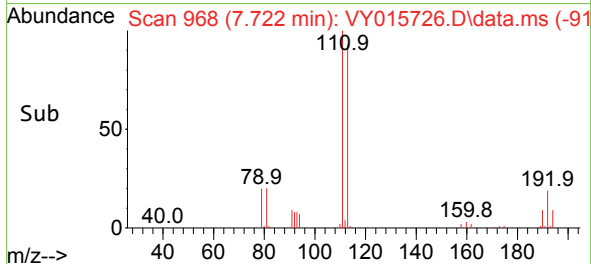
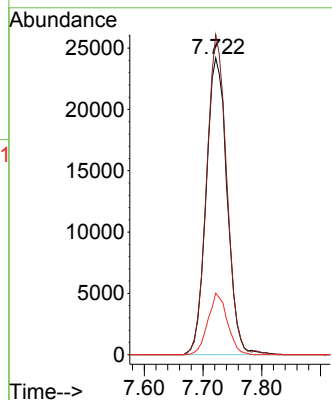
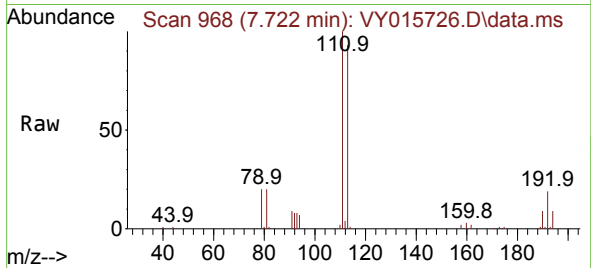




#35
Dibromofluoromethane
Concen: 46.067 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY015726.D
Acq: 27 Sep 2023 15:45

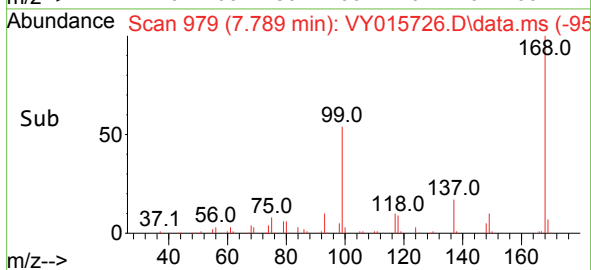
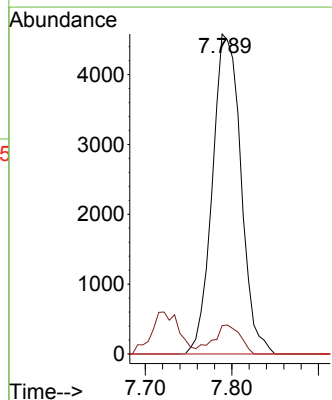
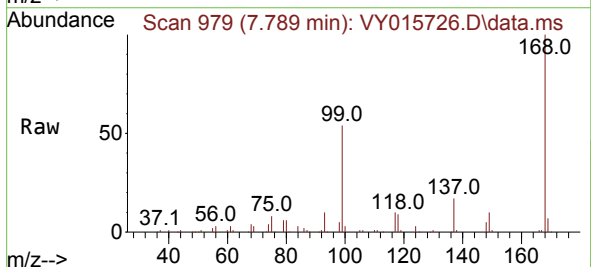
Instrument :
MSVOA_Y
ClientSampleId :

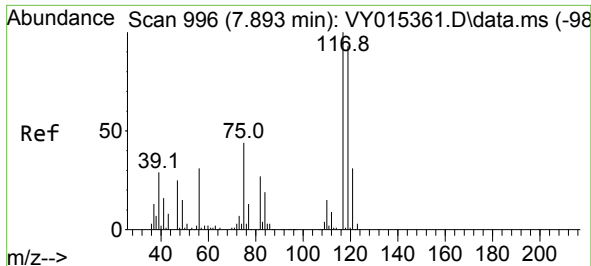
Tgt Ion:113 Resp: 59900
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.453 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015726.D
Acq: 27 Sep 2023 15:45

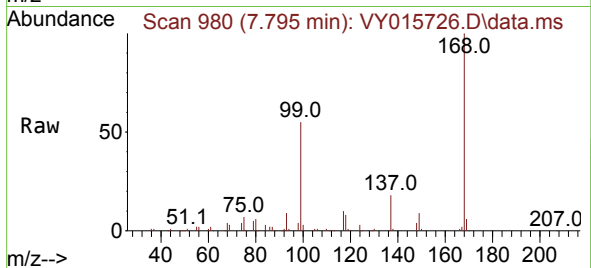
Tgt Ion: 75 Resp: 10483
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 24.4 36.6#



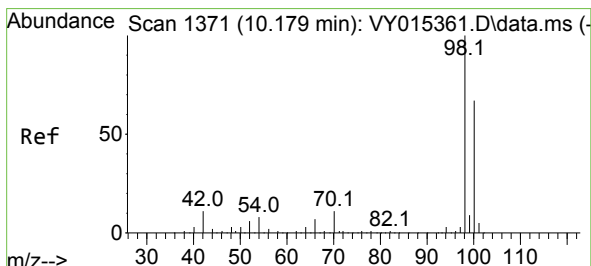
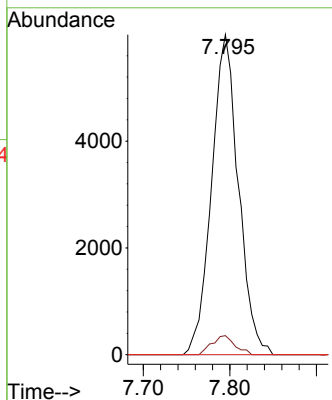
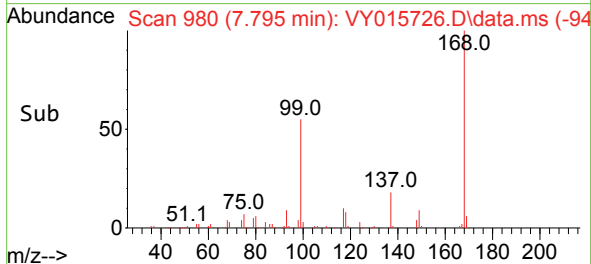


#38
Carbon Tetrachloride
Concen: 6.179 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015726.D
Acq: 27 Sep 2023 15:45

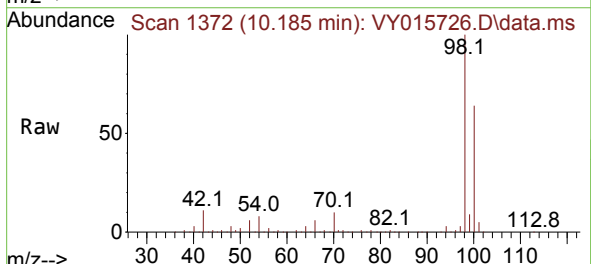
Instrument :
MSVOA_Y
ClientSampleId :



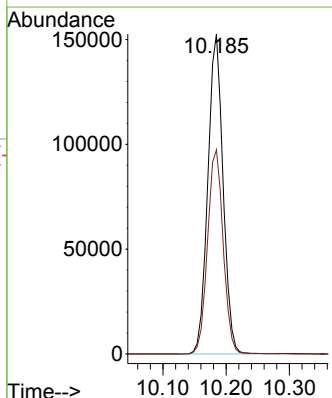
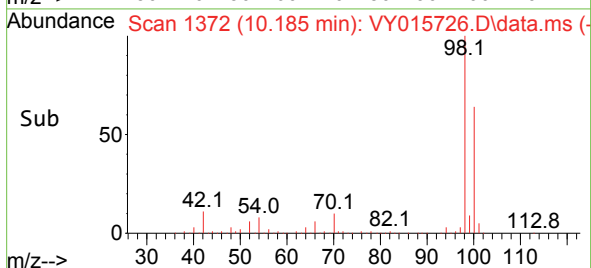
Tgt Ion:117 Resp: 12894
Ion Ratio Lower Upper
117 100
119 6.0 76.4 114.6#
121 0.0 25.8 38.6#

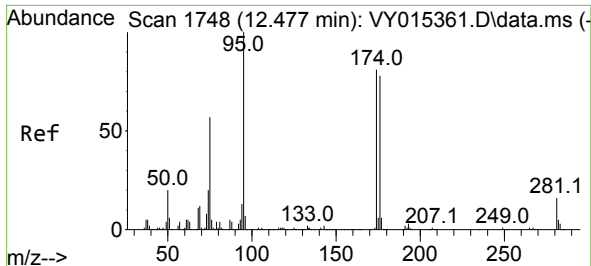


#50
Toluene-d8
Concen: 57.860 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015726.D
Acq: 27 Sep 2023 15:45



Tgt Ion: 98 Resp: 255091
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

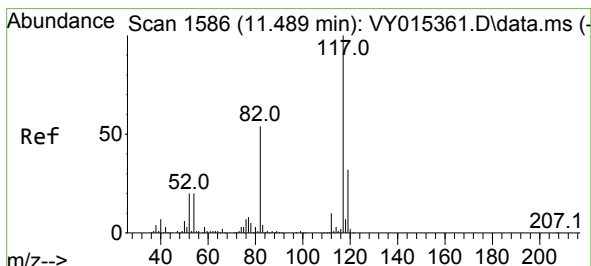
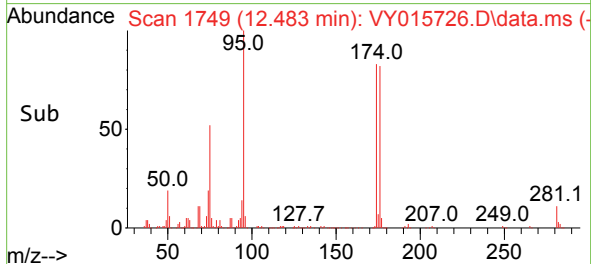
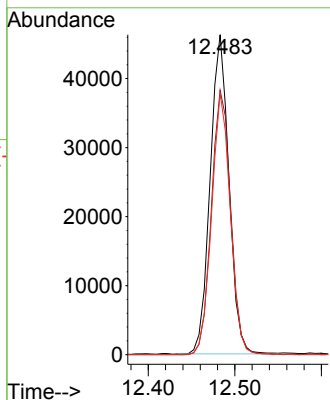
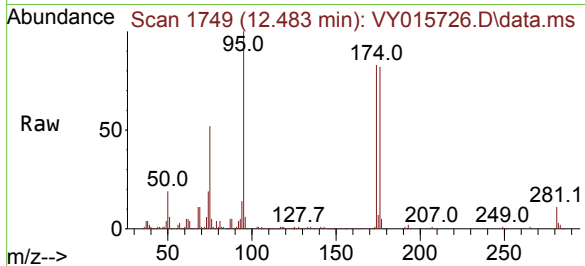




#62
4-Bromofluorobenzene
Concen: 40.263 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015726.D
Acq: 27 Sep 2023 15:45

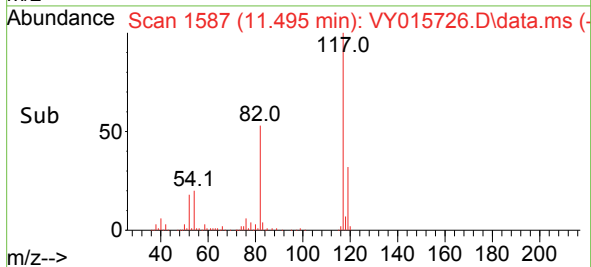
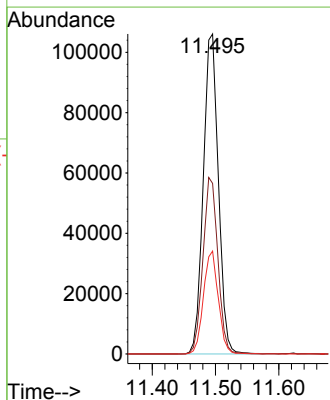
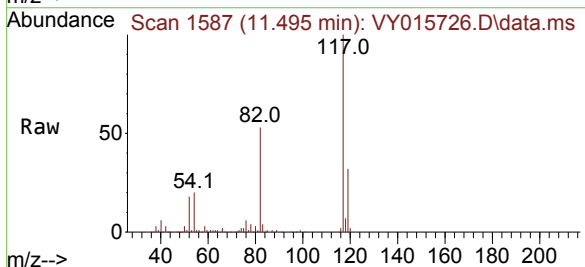
Instrument :
MSVOA_Y
ClientSampleId :

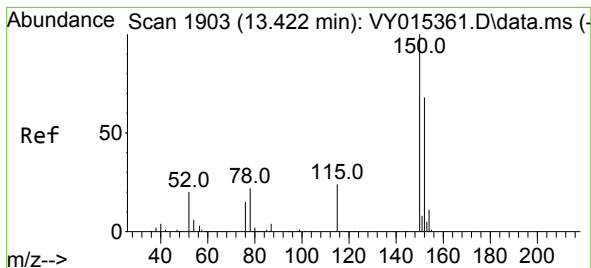
Tgt Ion: 95 Resp: 69661
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 81.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015726.D
Acq: 27 Sep 2023 15:45

Tgt Ion: 117 Resp: 176161
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015726.D

Acq: 27 Sep 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

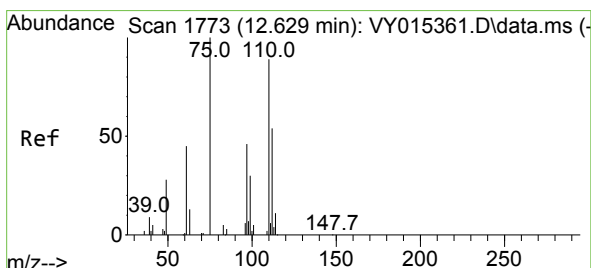
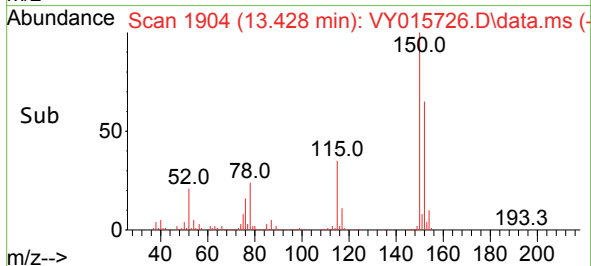
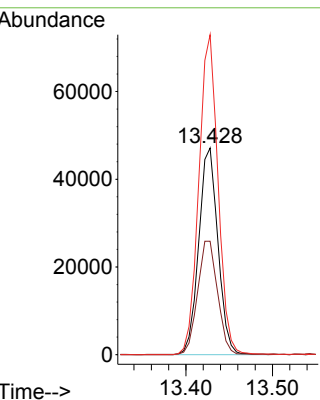
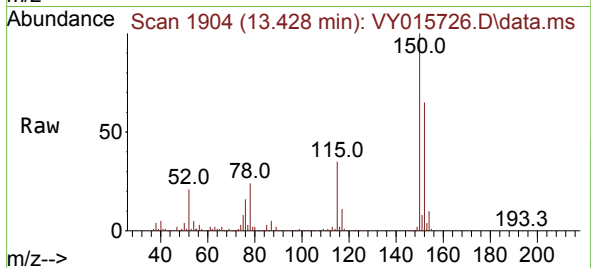
Tgt Ion:152 Resp: 72696

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 154.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 31.883 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015726.D

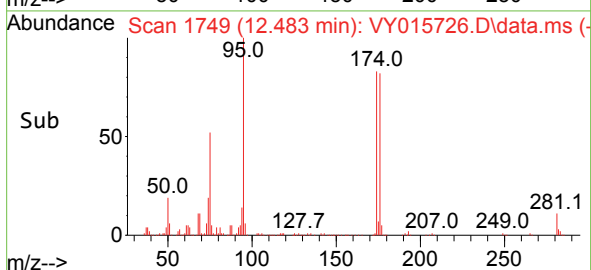
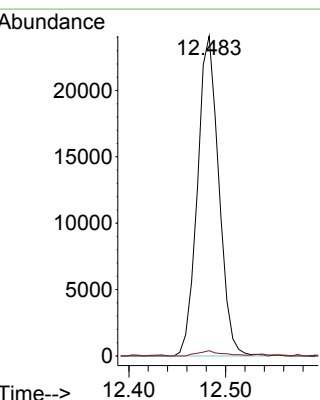
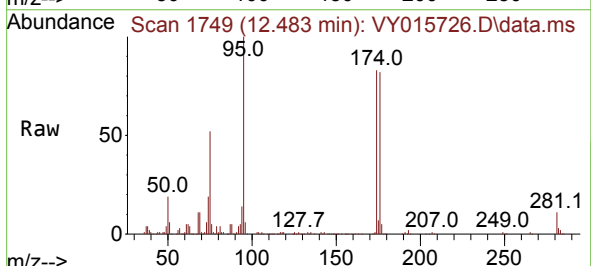
Acq: 27 Sep 2023 15:45

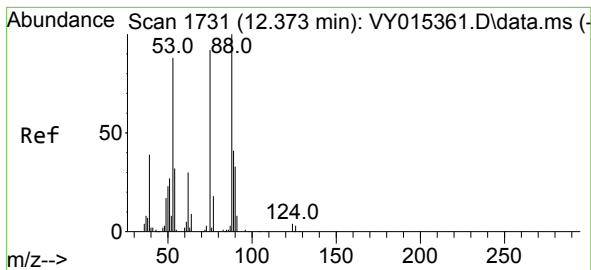
Tgt Ion: 75 Resp: 36976

Ion Ratio Lower Upper

75 100

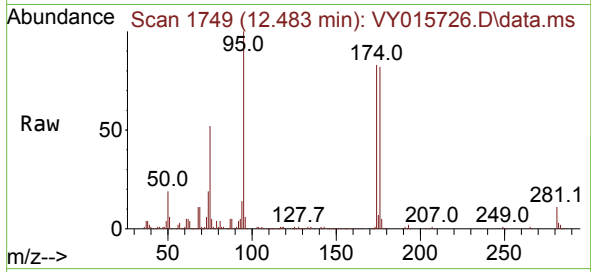
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.797 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015726.D
 Acq: 27 Sep 2023 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36976
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

