

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015779.D
 Acq On : 02 Oct 2023 16:05
 Operator : SY/MD
 Sample : 04686-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:23:02 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)

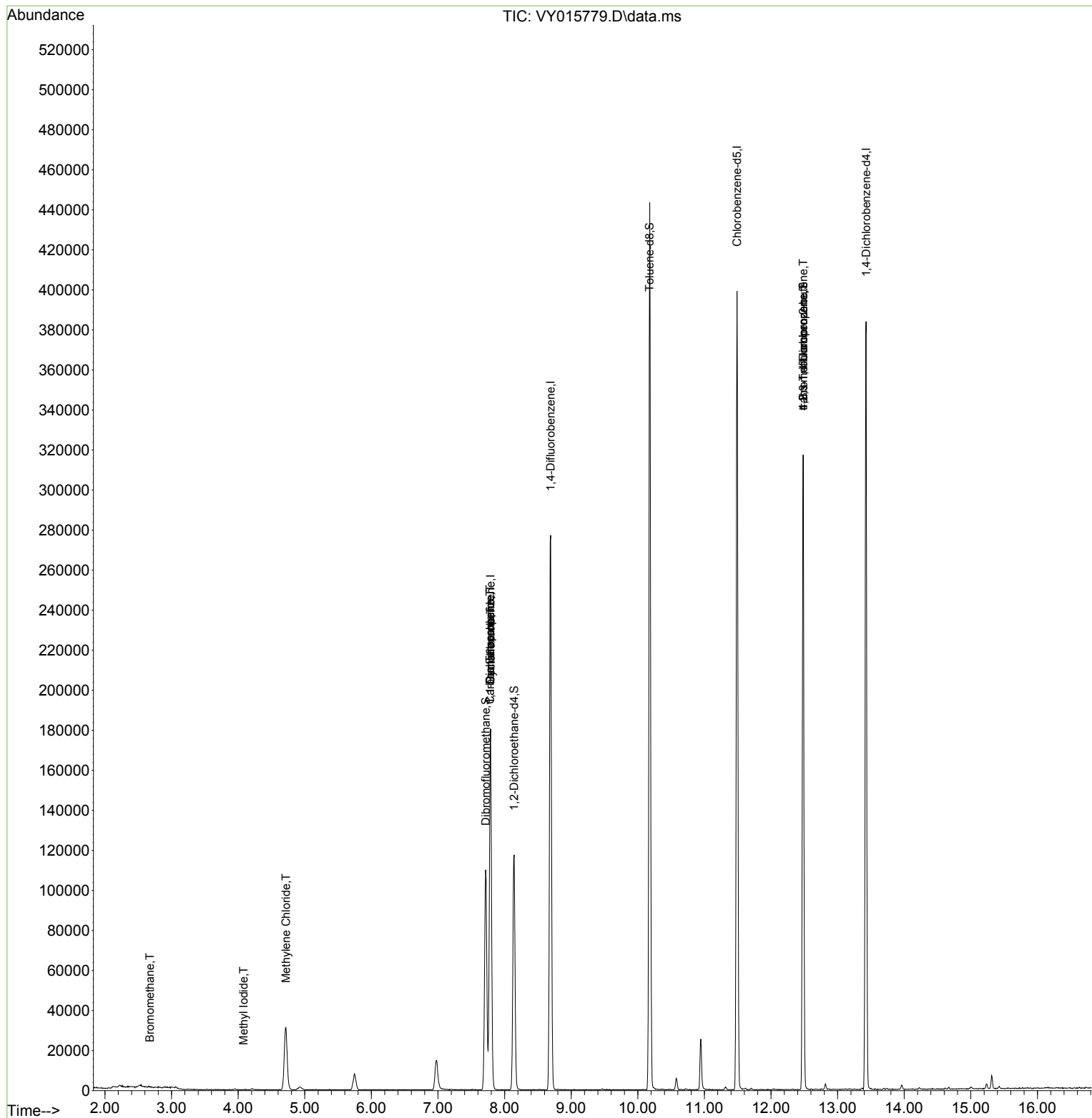
Internal Standards						
1) Pentafluorobenzene	7.789	168	139008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92583	60.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.060%	
35) Dibromofluoromethane	7.716	113	76975	53.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.340%	
50) Toluene-d8	10.179	98	284741	58.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.020%	
62) 4-Bromofluorobenzene	12.483	95	94512	49.064	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	190	2.694	ug/l #	64
10) Methyl Iodide	4.082	142	53	2.759	ug/l #	38
11) Tert butyl alcohol	4.923	59	1838	Below Cal	#	89
20) Methylene Chloride	4.716	84	23884	9.393	ug/l	90
31) Cyclohexane	7.789	56	2952	1.393	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11077	5.175	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13548	5.831	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	50009	31.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50009	70.283	ug/l #	10

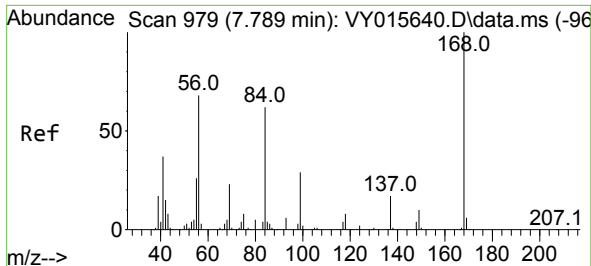
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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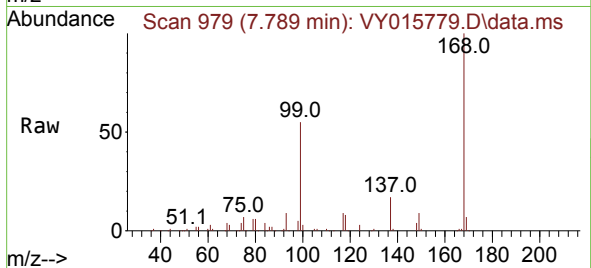
Quant Time: Oct 03 01:23:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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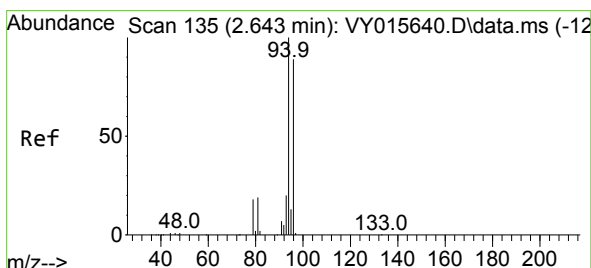
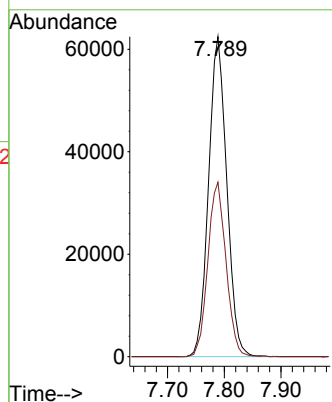
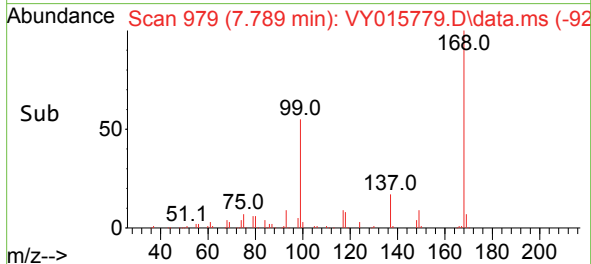


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

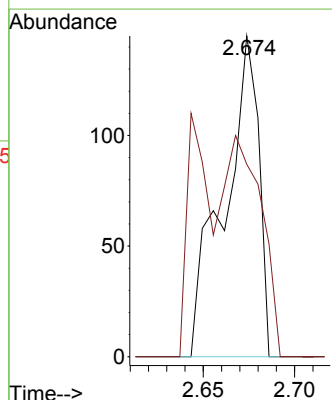
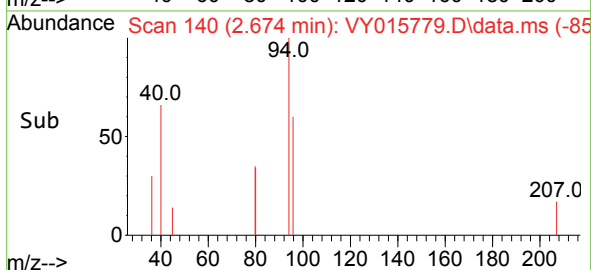
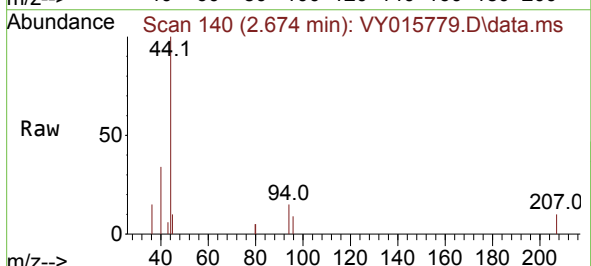


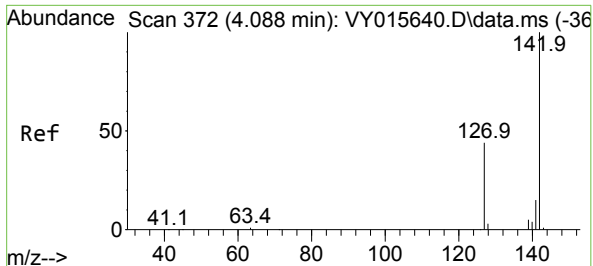
Tgt Ion:168 Resp: 139008
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#5
Bromomethane
Concen: 2.694 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.037 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

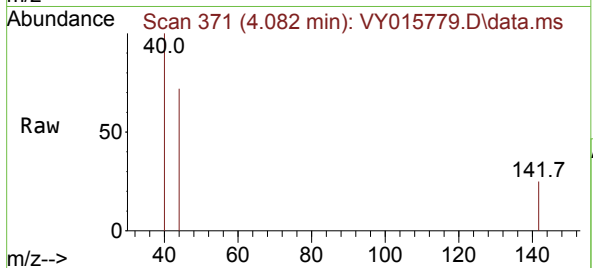
Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 60.0 75.8 113.6#



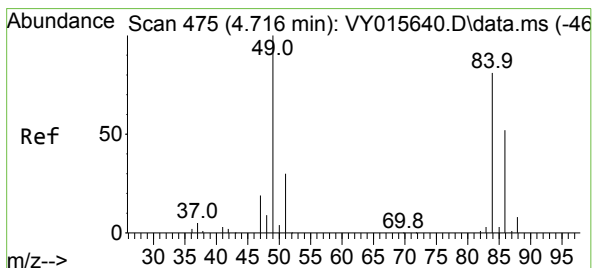
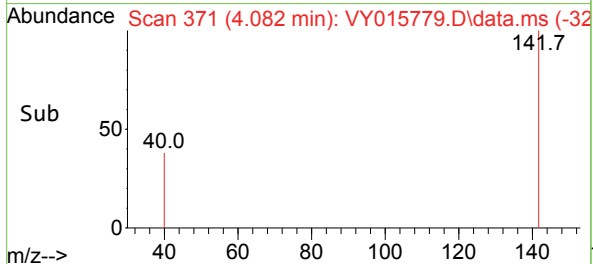
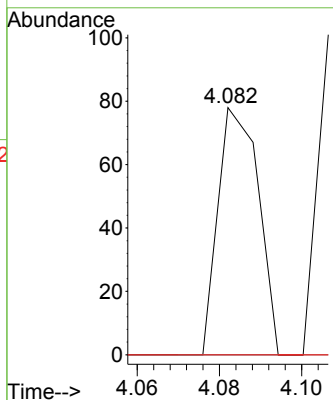


#10
Methyl Iodide
Concen: 2.759 ug/l
RT: 4.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

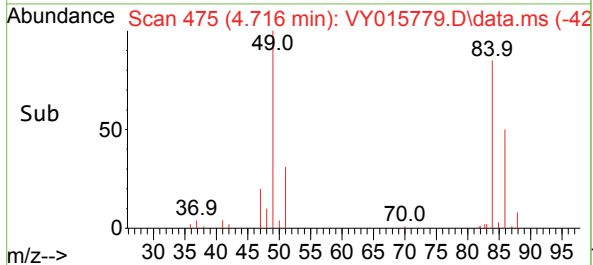
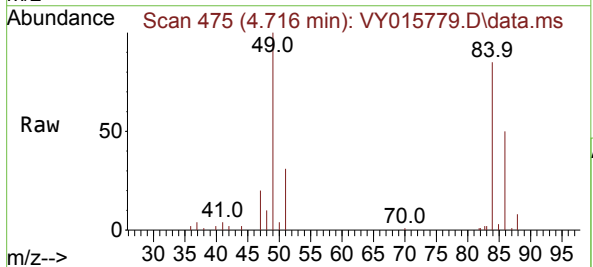
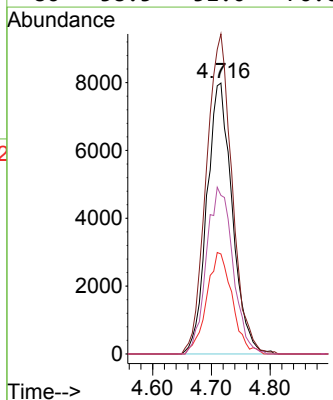


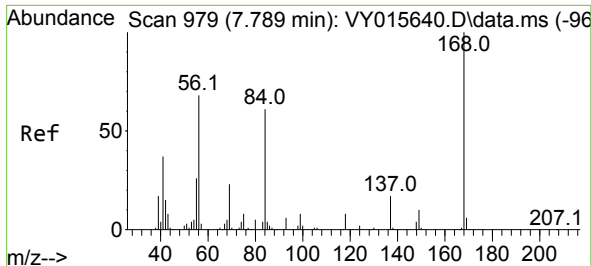
Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: 9.393 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

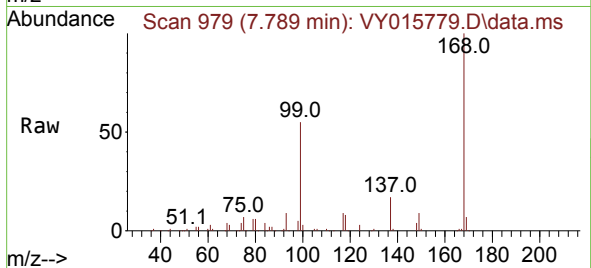
Tgt Ion: 84 Resp: 23884
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 36.9 33.2 49.8
86 58.5 51.0 76.6



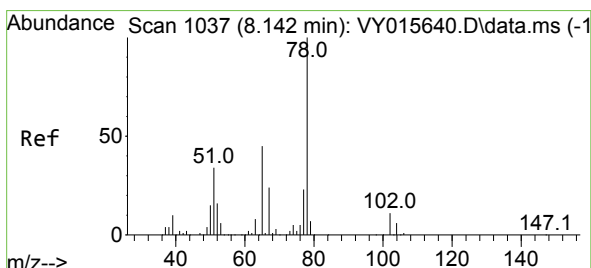
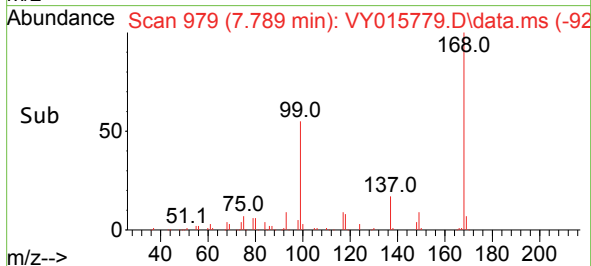
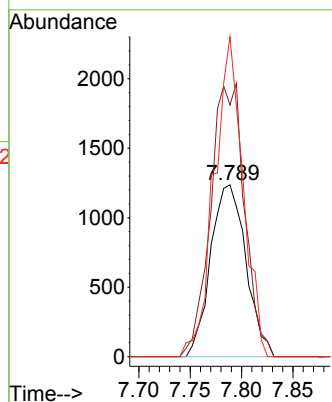


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

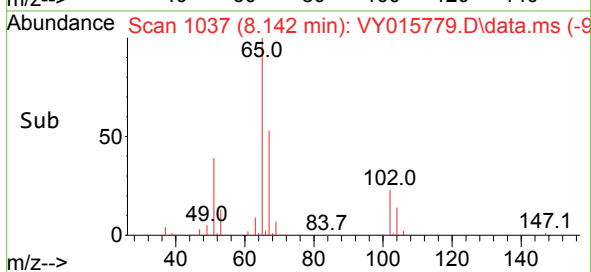
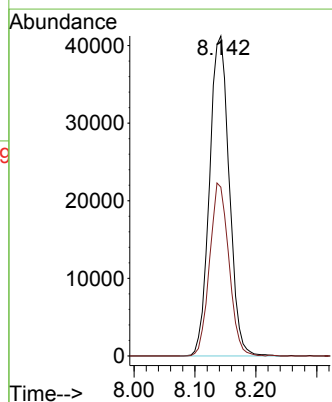
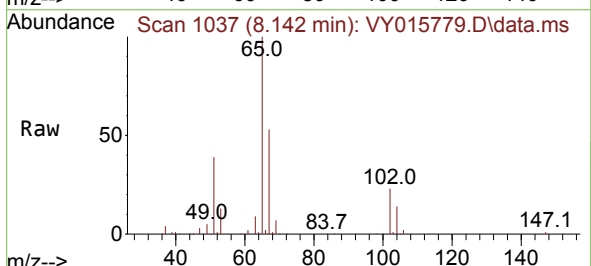


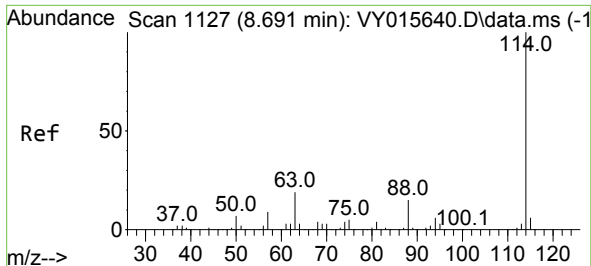
Tgt Ion	Ratio	Lower	Upper
56	100		
69	146.4	27.8	41.6#
84	186.2	66.4	99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.533 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.8	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: VY015779.D

Acq: 02 Oct 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

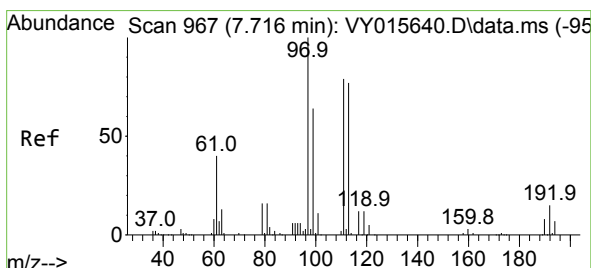
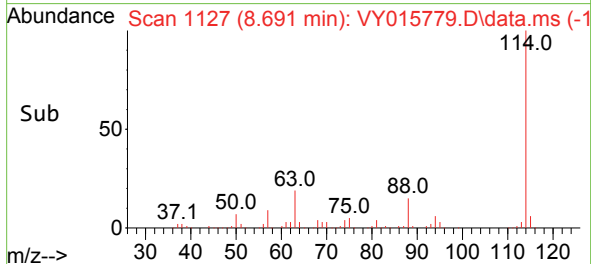
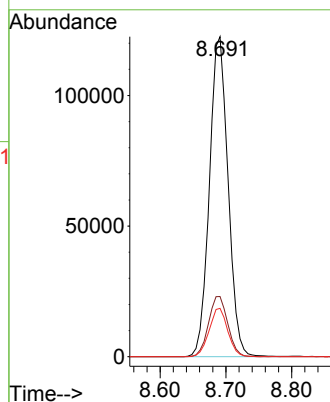
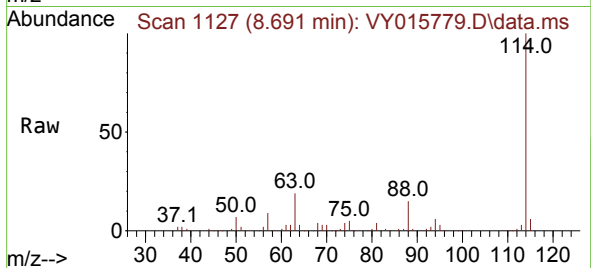
Tgt Ion:114 Resp: 241871

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.171 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015779.D

Acq: 02 Oct 2023 16:05

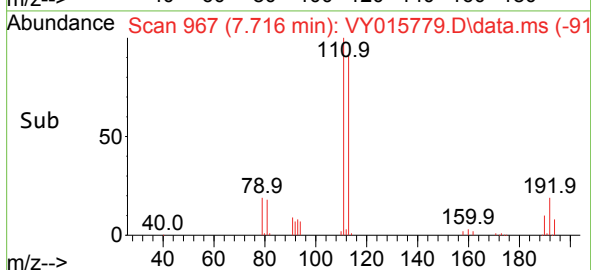
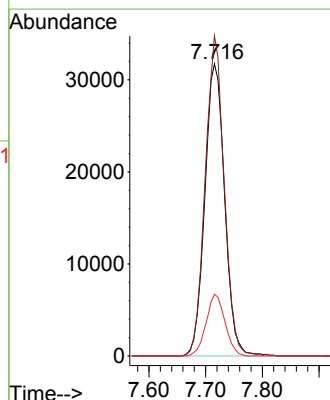
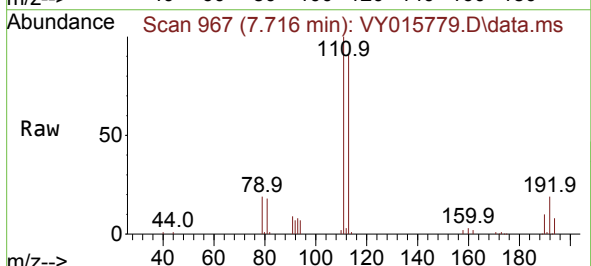
Tgt Ion:113 Resp: 76975

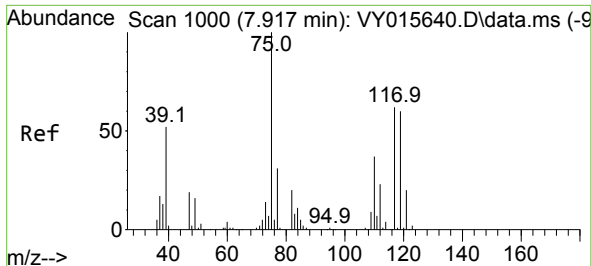
Ion Ratio Lower Upper

113 100

111 105.2 81.3 121.9

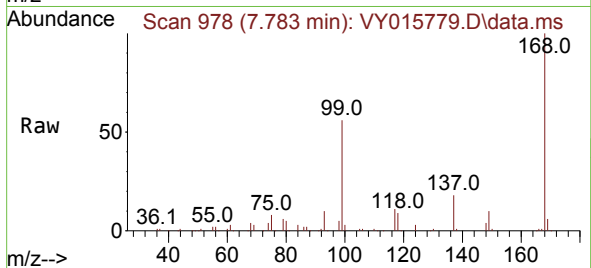
192 20.2 16.9 25.3



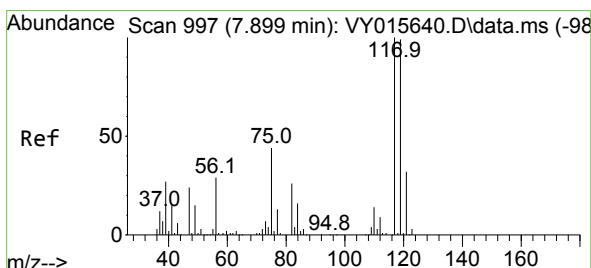
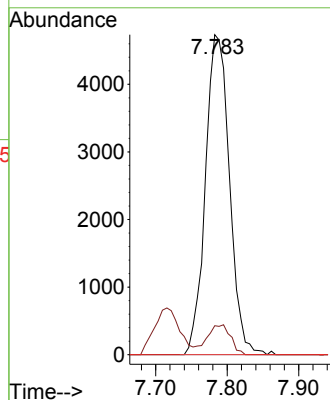
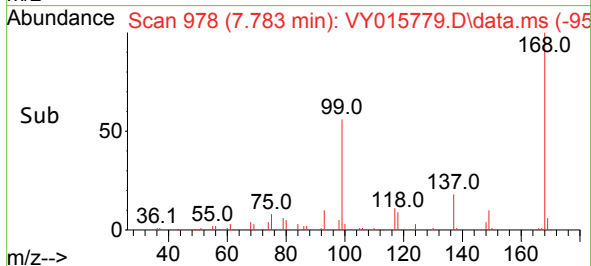


#36
 1,1-Dichloropropene
 Concen: 5.175 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY015779.D
 Acq: 02 Oct 2023 16:05

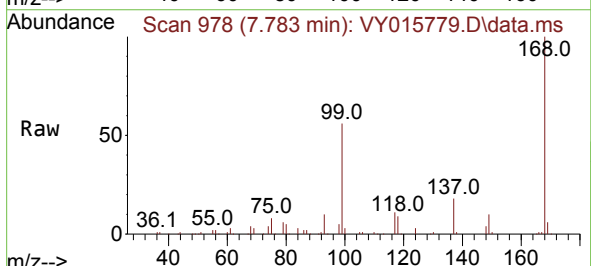
Instrument :
 MSVOA_Y
 ClientSampleId :



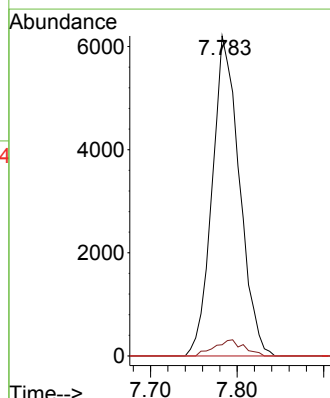
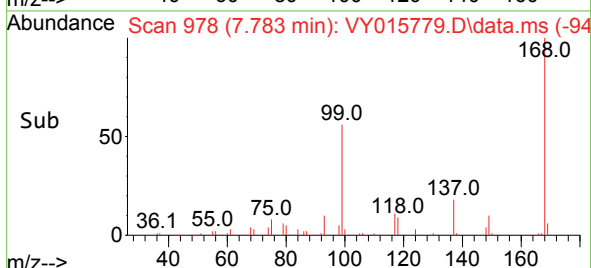
Tgt Ion: 75 Resp: 11077
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.8 53.5#
 77 0.0 24.4 36.6#

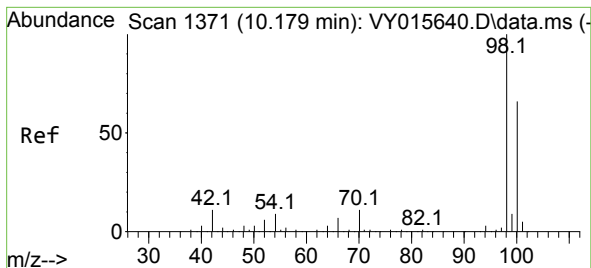


#38
 Carbon Tetrachloride
 Concen: 5.831 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY015779.D
 Acq: 02 Oct 2023 16:05



Tgt Ion: 117 Resp: 13548
 Ion Ratio Lower Upper
 117 100
 119 3.5 76.4 114.6#
 121 0.0 25.8 38.6#

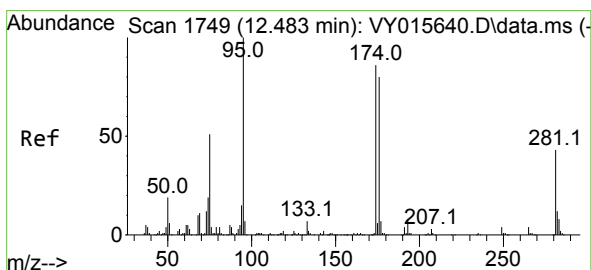
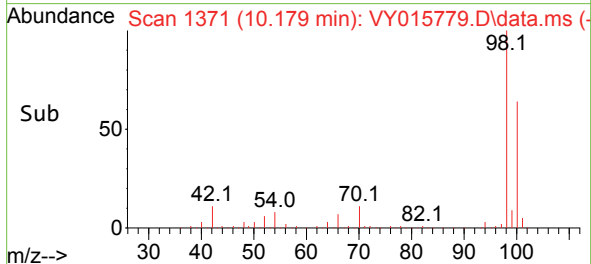
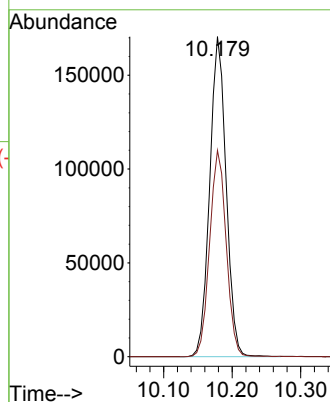
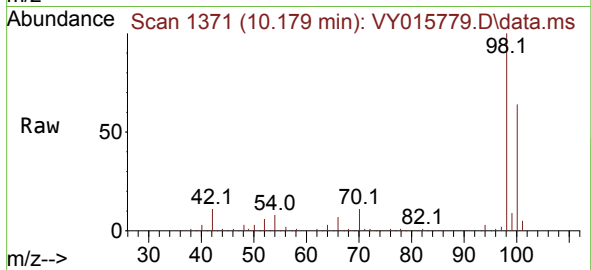




#50
Toluene-d8
Concen: 58.009 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

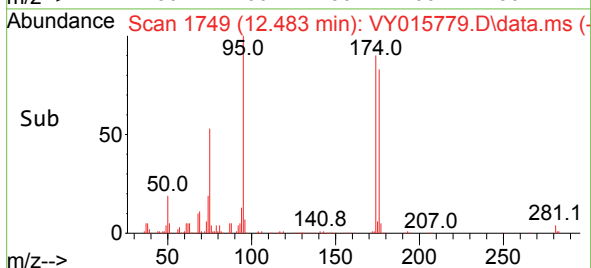
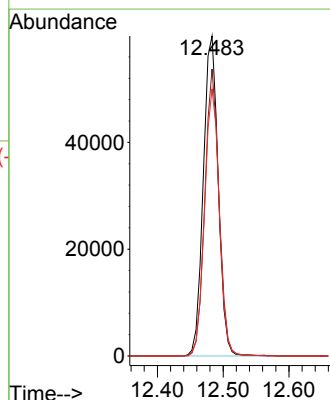
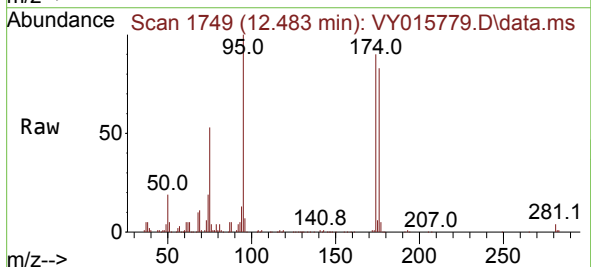
Instrument :
MSVOA_Y
ClientSampleId :

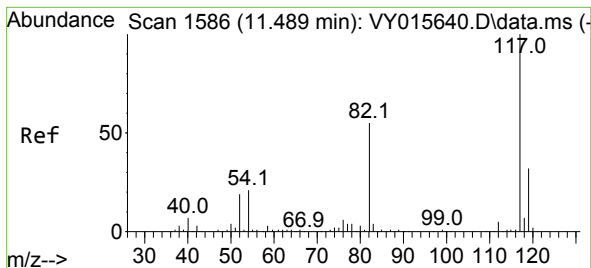
Tgt Ion: 98 Resp: 284741
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.064 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

Tgt Ion: 95 Resp: 94512
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.2 0.0 173.8

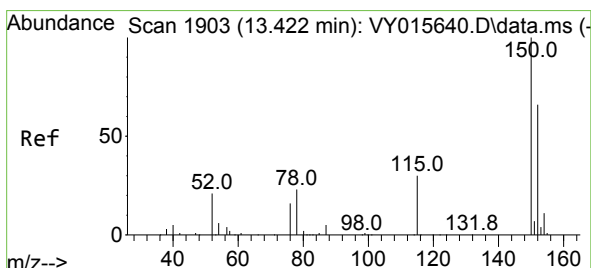
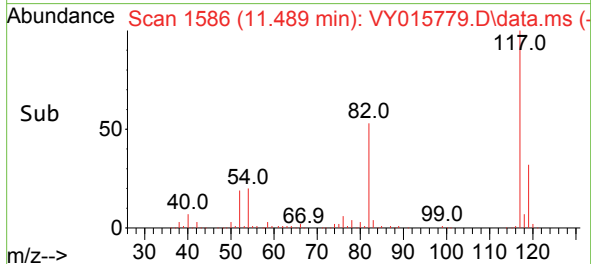
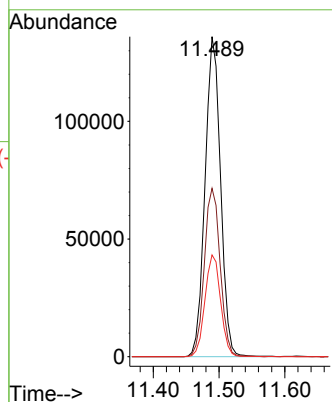
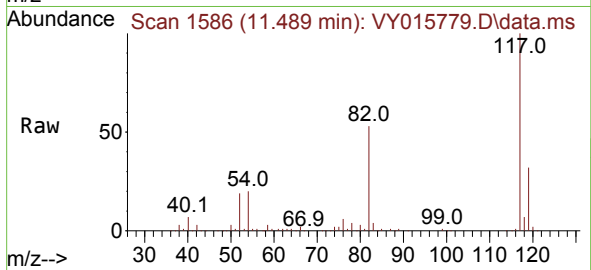




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

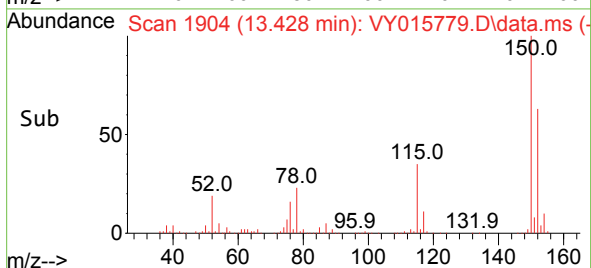
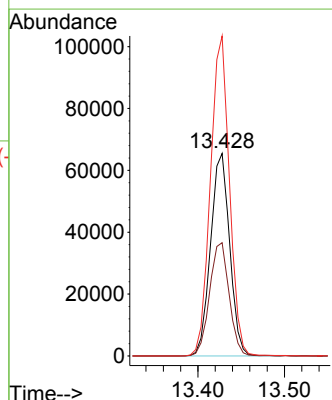
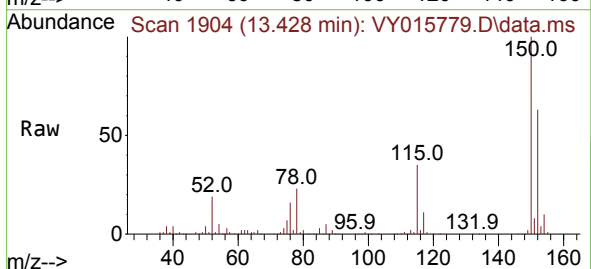
Instrument :
MSVOA_Y
ClientSampleId :

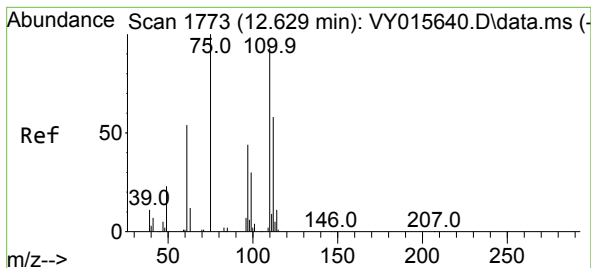
Tgt Ion:117 Resp: 222732
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015779.D
Acq: 02 Oct 2023 16:05

Tgt Ion:152 Resp: 100438
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.5
150 156.8 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 31.210 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015779.D

Acq: 02 Oct 2023 16:05

Instrument :

MSVOA_Y

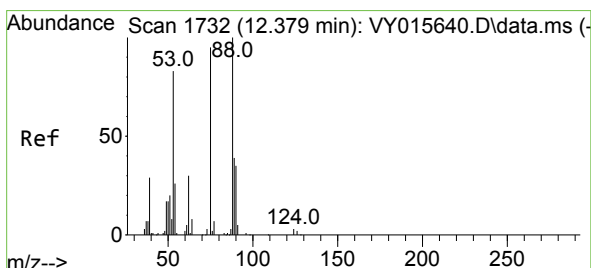
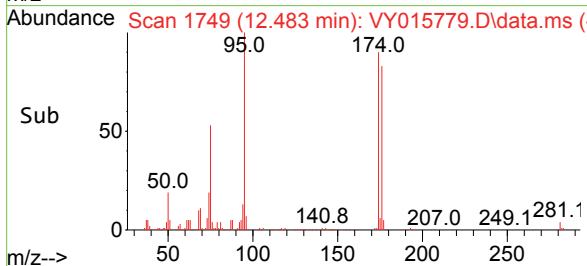
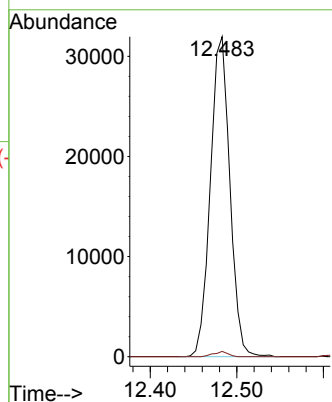
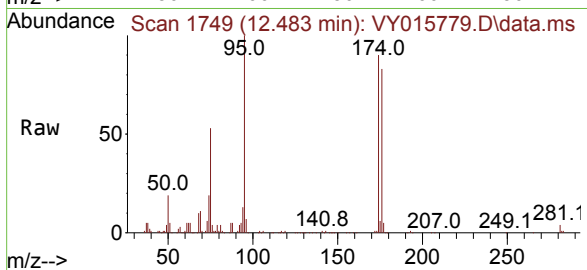
ClientSampleId :

Tgt Ion: 75 Resp: 50009

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.283 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY015779.D

Acq: 02 Oct 2023 16:05

Tgt Ion: 75 Resp: 50009

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

