

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015899.D
 Acq On : 10 Oct 2023 16:05
 Operator : SY/MD
 Sample : 04787-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:21:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

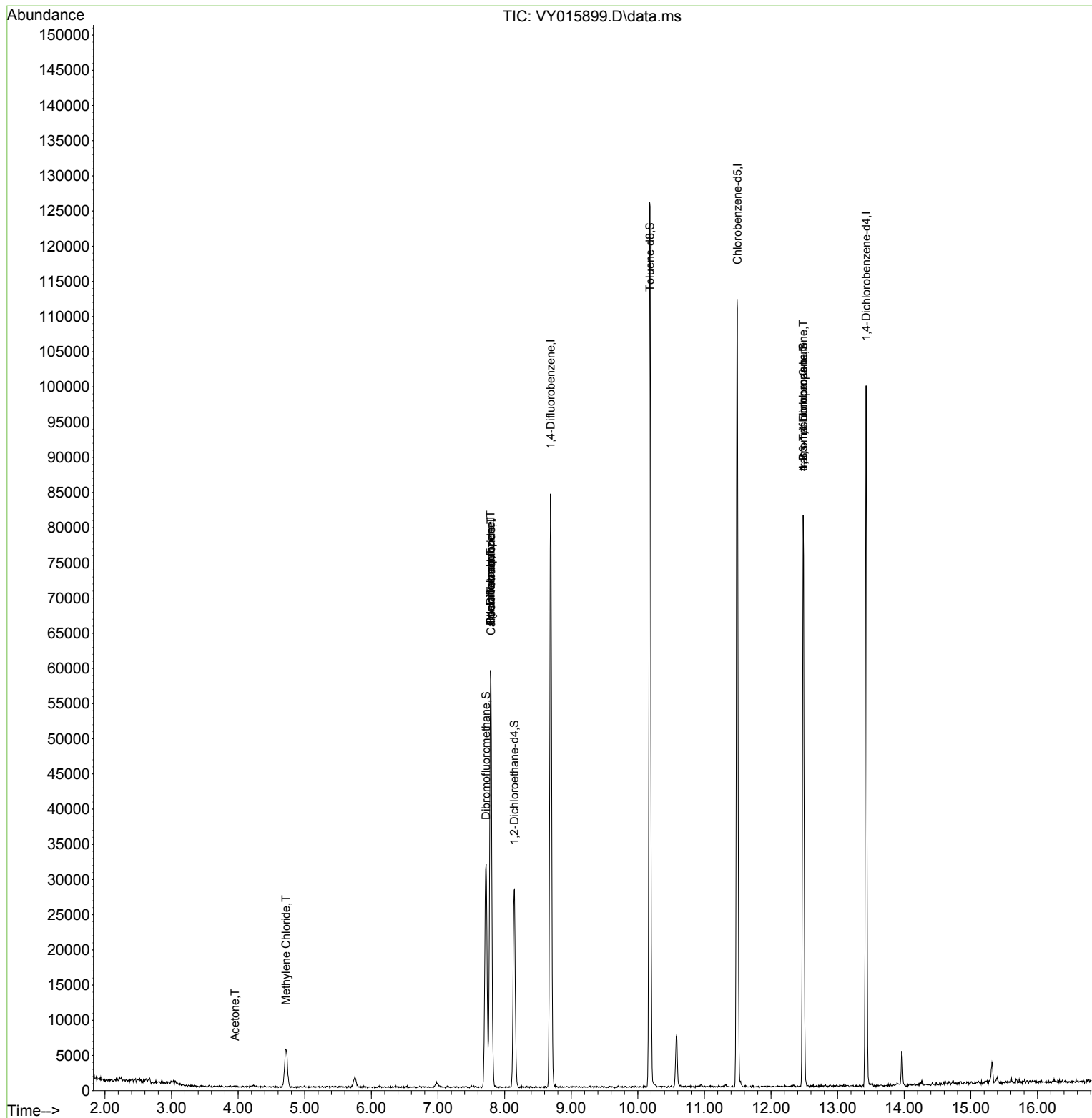
Internal Standards						
1) Pentafluorobenzene	7.789	168	46810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	75137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	65239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21945	52.102	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.200%			
35) Dibromofluoromethane	7.722	113	24516	58.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.000%			
50) Toluene-d8	10.185	98	86606	62.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 125.400%			
62) 4-Bromofluorobenzene	12.483	95	23780	42.387	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.780%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	268	7.439	ug/l #	46
20) Methylene Chloride	4.716	84	4618	1.358	ug/l #	83
31) Cyclohexane	7.789	56	897	1.988	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	3534	7.614	ug/l #	49
38) Carbon Tetrachloride	7.795	117	4668	8.374	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	12985	44.178	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12985	97.966	ug/l #	10

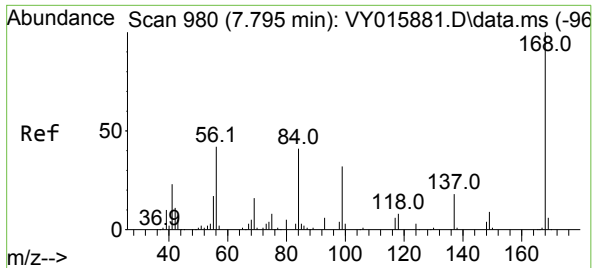
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

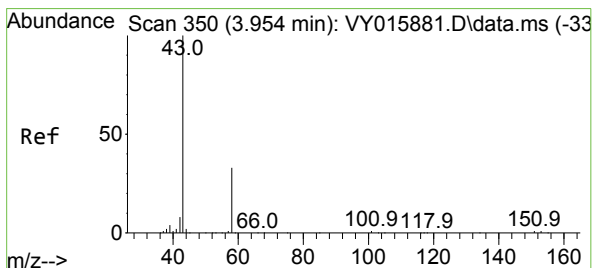
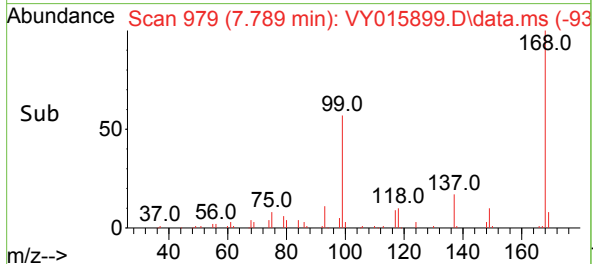
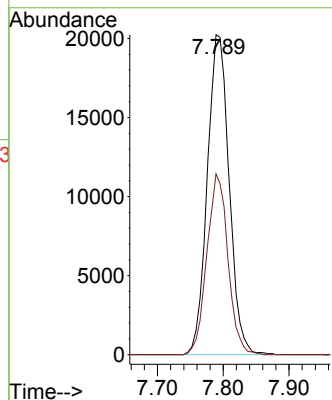
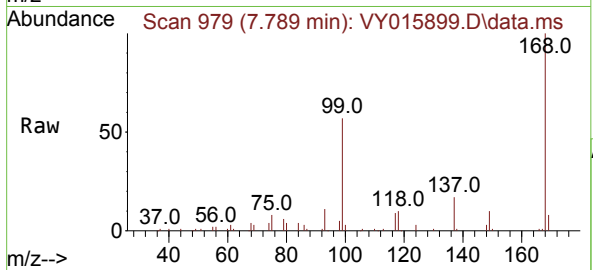




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

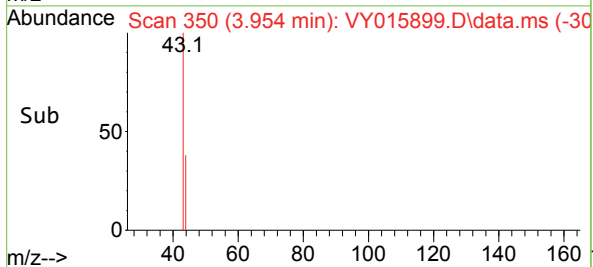
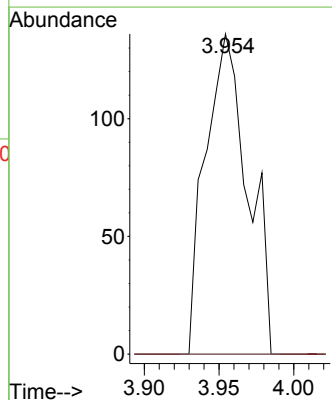
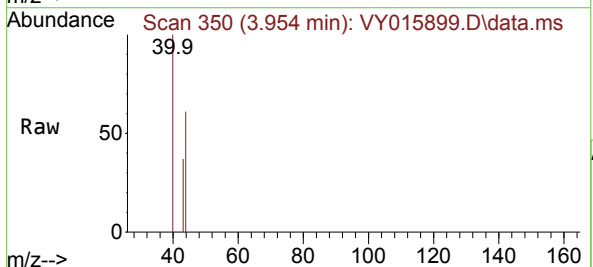
Instrument :
MSVOA_Y
ClientSampleId :

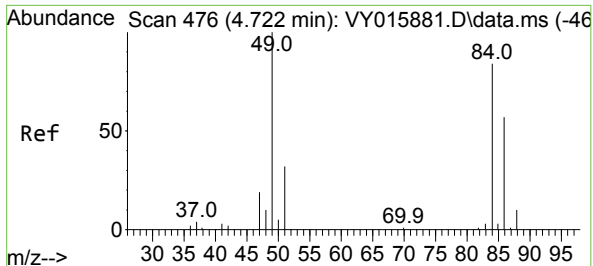
Tgt Ion:168 Resp: 46810
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#16
Acetone
Concen: 7.439 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

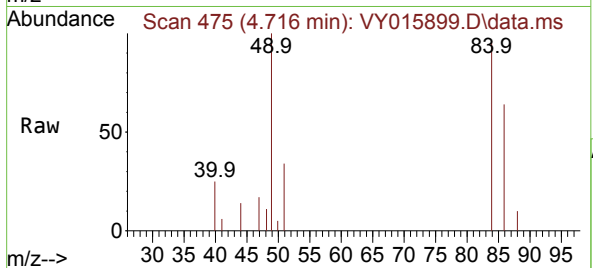
Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



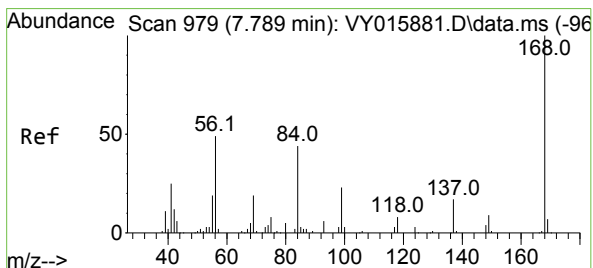
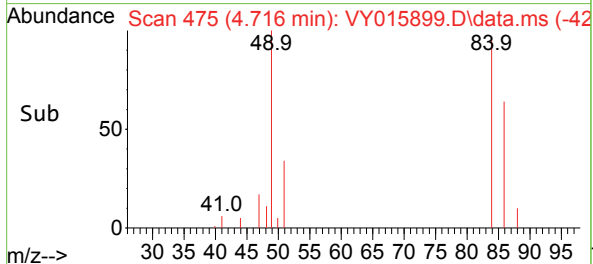
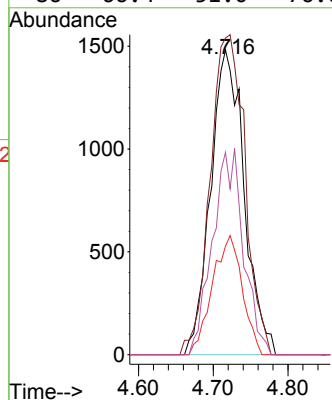


#20
Methylene Chloride
Concen: 1.358 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

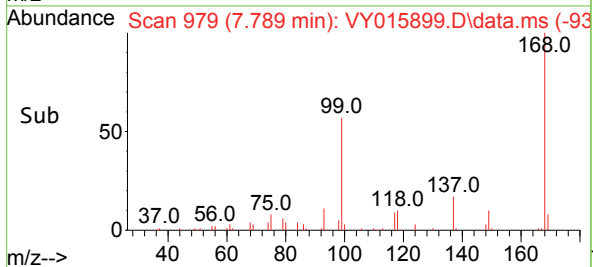
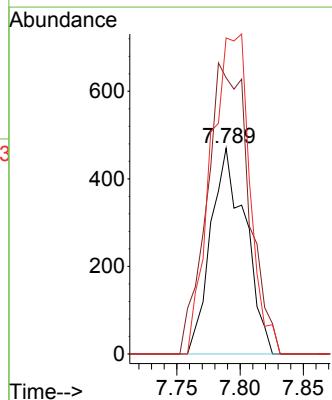
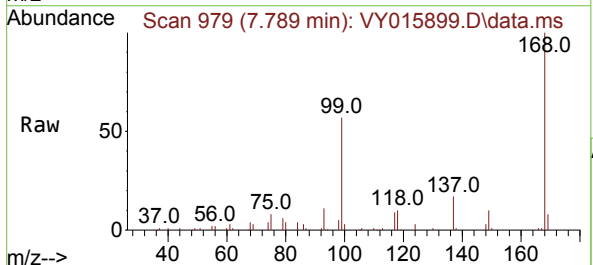


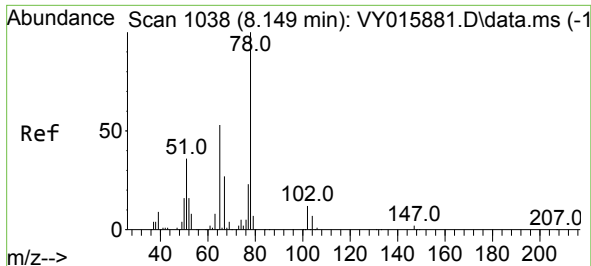
Tgt Ion: 84 Resp: 4618
Ion Ratio Lower Upper
84 100
49 104.0 106.9 160.3#
51 35.6 33.2 49.8
86 66.4 51.0 76.6



#31
Cyclohexane
Concen: 1.988 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

Tgt Ion: 56 Resp: 897
Ion Ratio Lower Upper
56 100
69 134.3 27.8 41.6#
84 153.6 66.4 99.6#

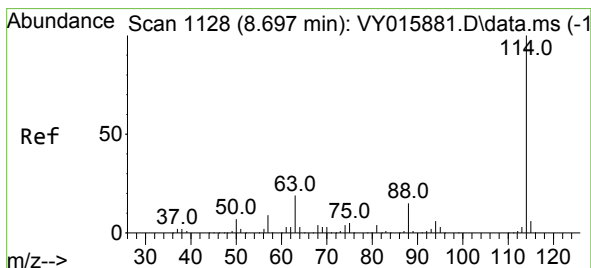
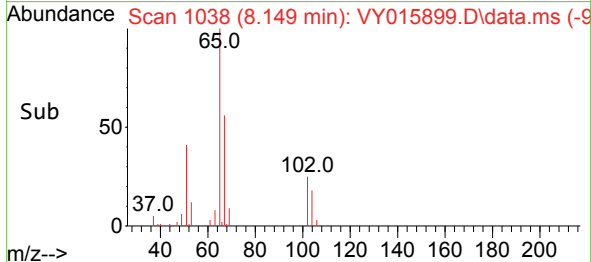
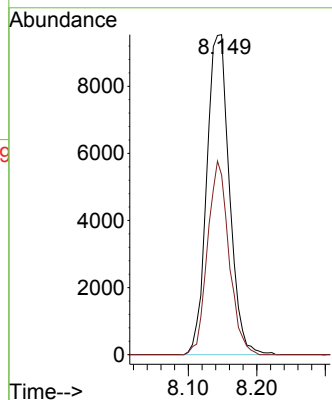
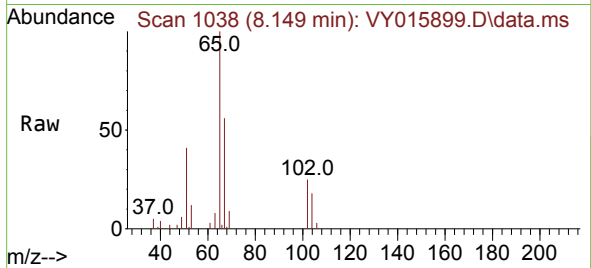




#33
1,2-Dichloroethane-d4
Concen: 52.102 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

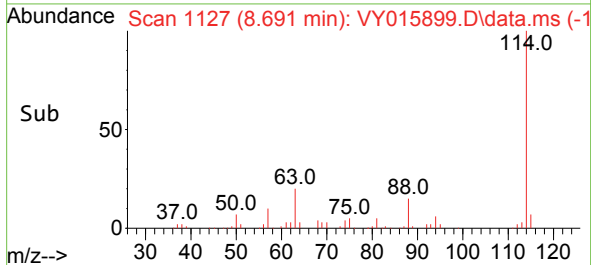
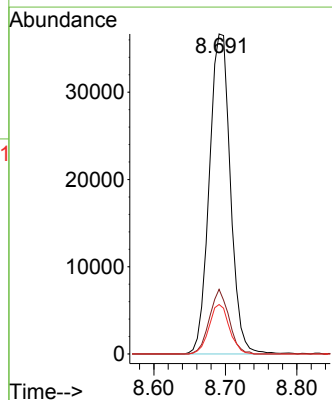
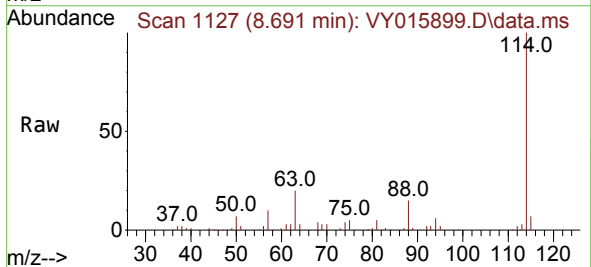
Instrument :
MSVOA_Y
ClientSampleId :

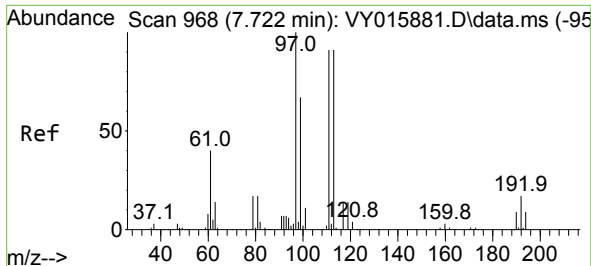
Tgt Ion: 65 Resp: 21945
Ion Ratio Lower Upper
65 100
67 57.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

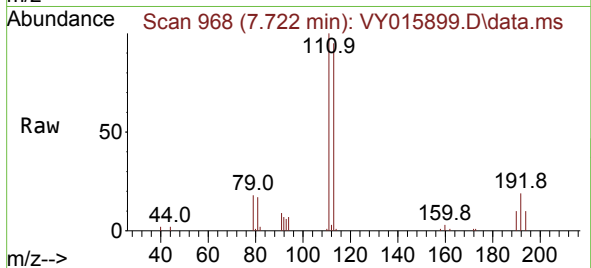
Tgt Ion: 114 Resp: 75137
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.4
88 15.5 0.0 30.6



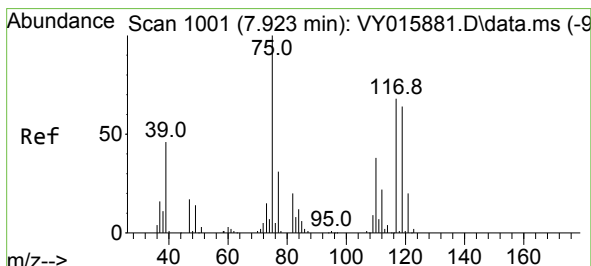
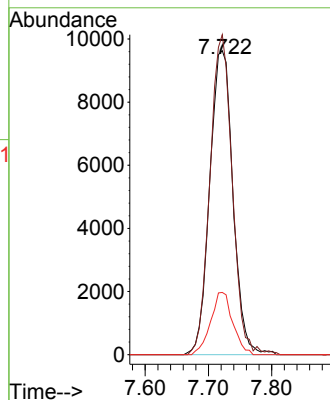
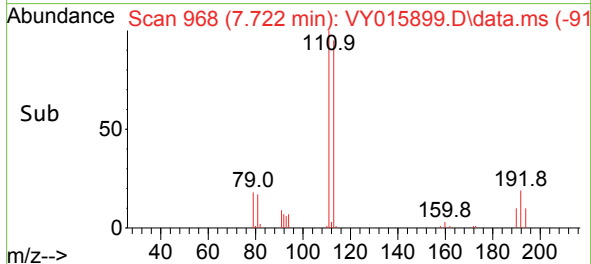


#35
Dibromofluoromethane
Concen: 58.497 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

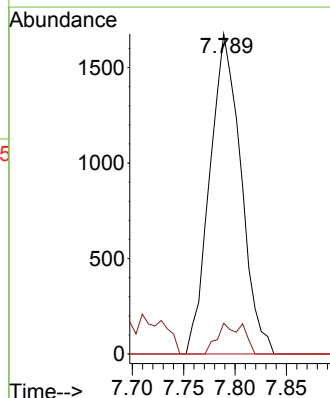
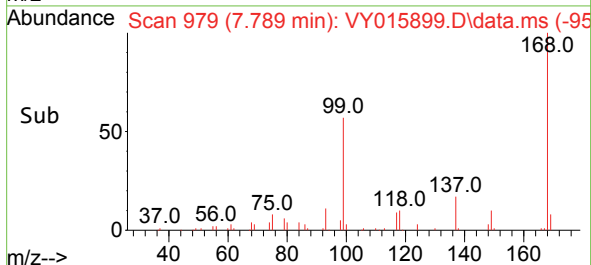
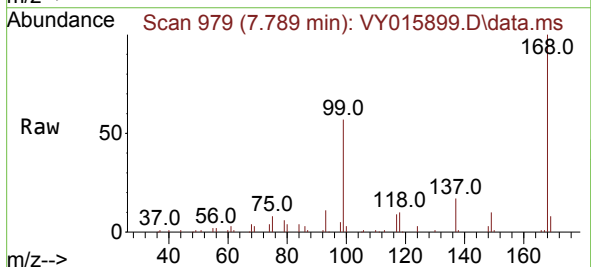


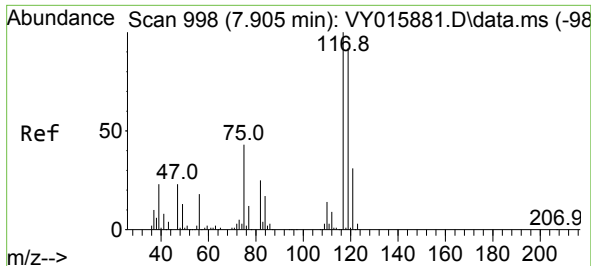
Tgt Ion:113 Resp: 24516
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.614 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

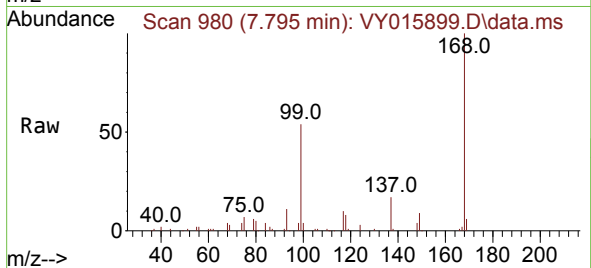
Tgt Ion: 75 Resp: 3534
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.5#
77 0.0 24.4 36.6#



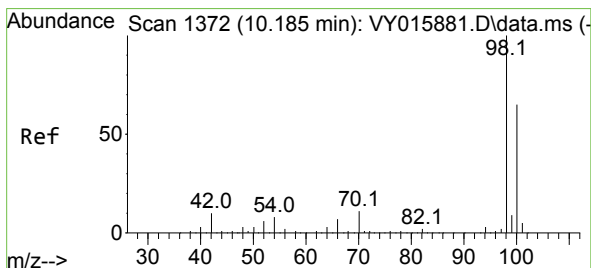
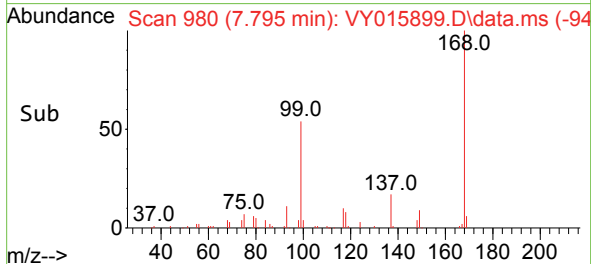
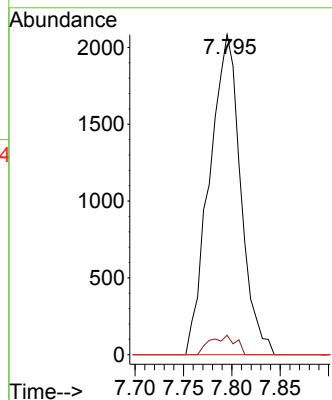


#38
Carbon Tetrachloride
Concen: 8.374 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

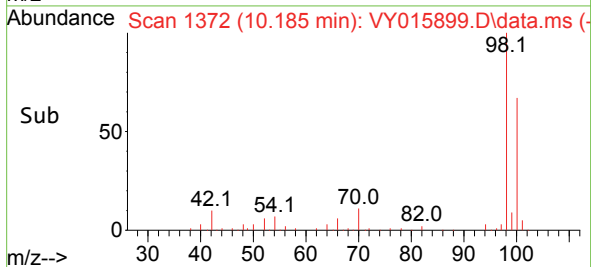
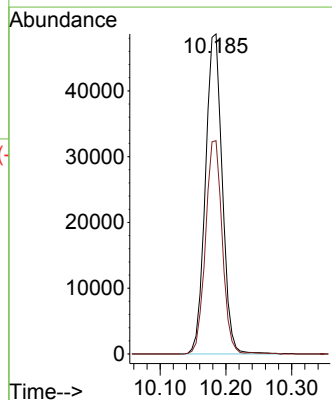
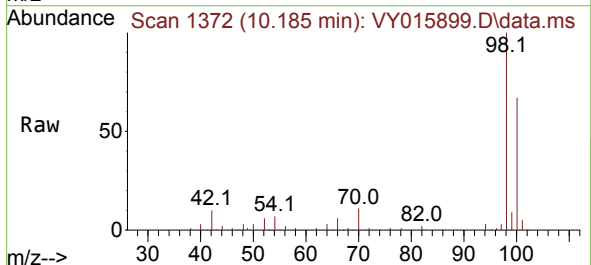


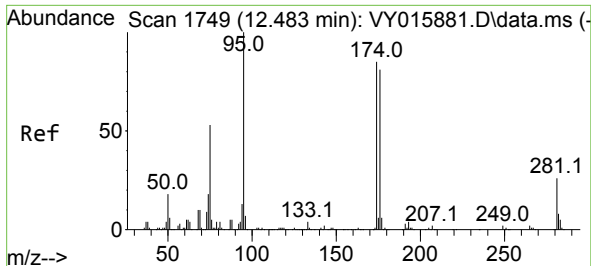
Tgt Ion:117 Resp: 4668
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 62.702 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

Tgt Ion: 98 Resp: 86606
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

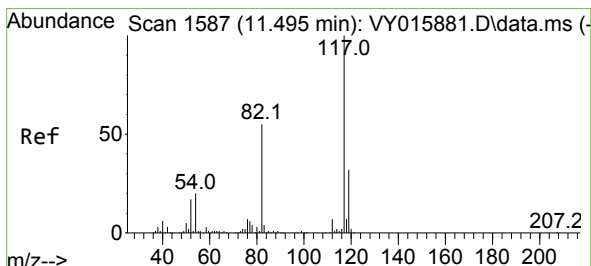
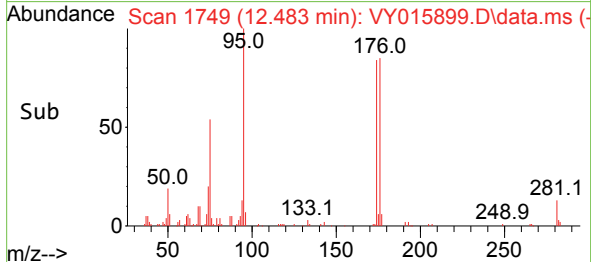
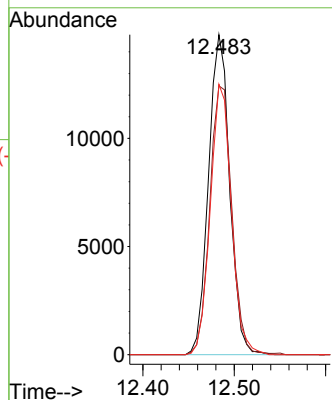
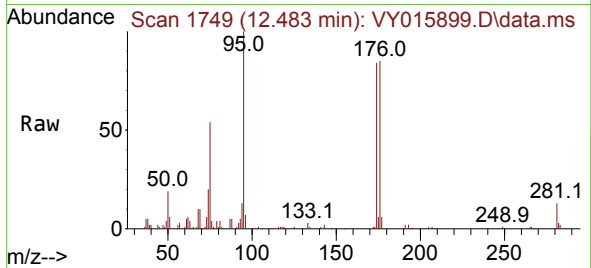




#62
4-Bromofluorobenzene
Concen: 42.387 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

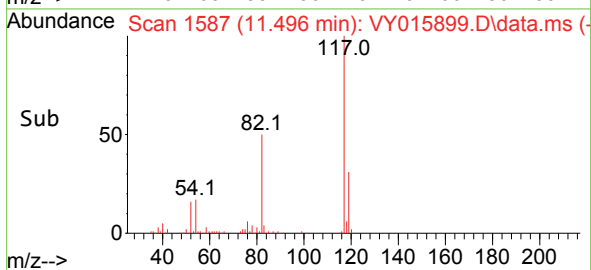
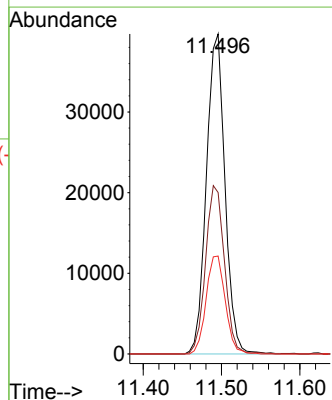
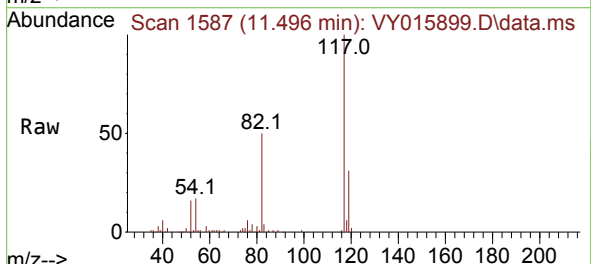
Instrument :
MSVOA_Y
ClientSampleId :

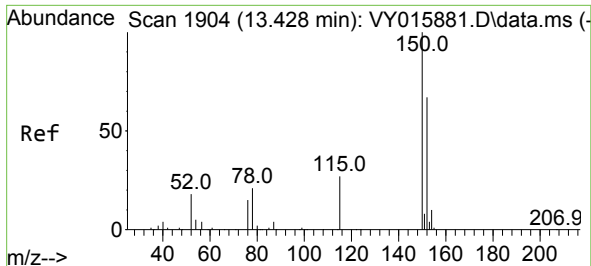
Tgt Ion: 95 Resp: 23780
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.2
176 84.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015899.D
Acq: 10 Oct 2023 16:05

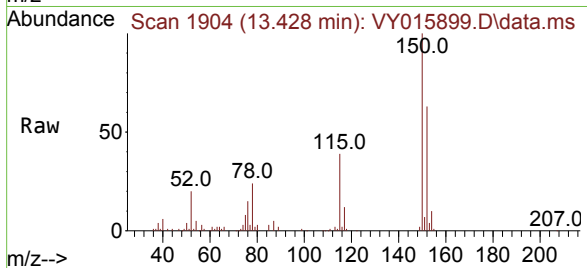
Tgt Ion: 117 Resp: 65239
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 30.6 26.3 39.5



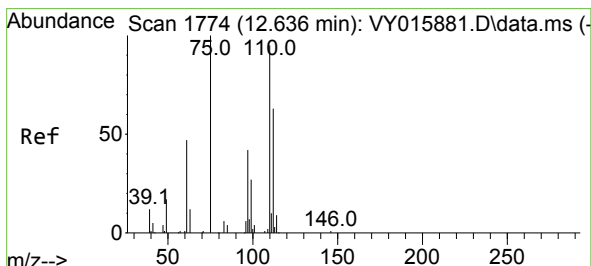
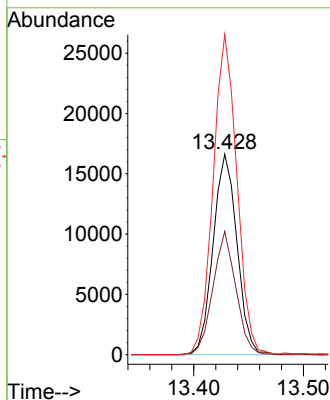
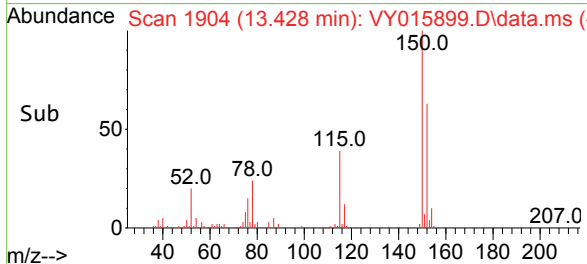


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015899.D
 Acq: 10 Oct 2023 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :

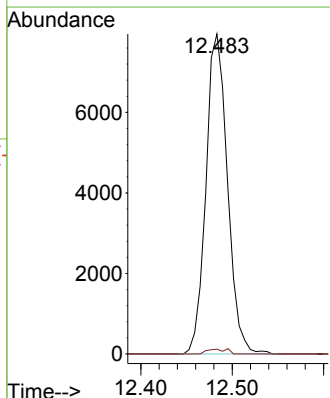
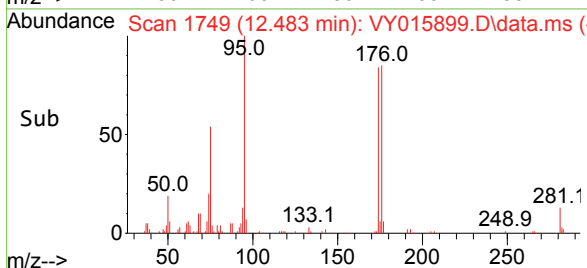
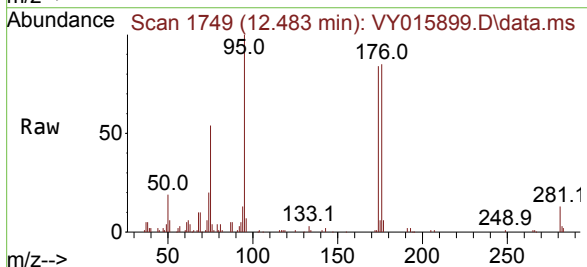


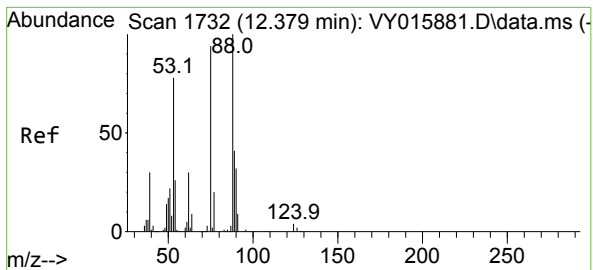
Tgt Ion:152 Resp: 25178
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.8 86.5
 150 159.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 44.178 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY015899.D
 Acq: 10 Oct 2023 16:05

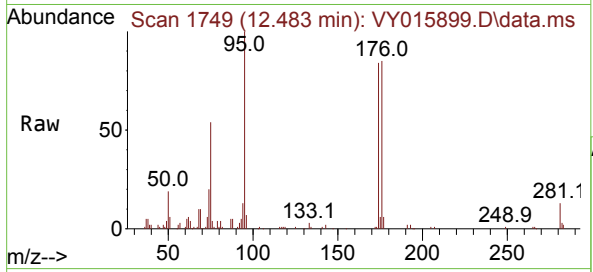
Tgt Ion: 75 Resp: 12985
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.966 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015899.D
 Acq: 10 Oct 2023 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	12985
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

