

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015785.D
 Acq On : 02 Oct 2023 18:38
 Operator : SY/MD
 Sample : 04657-02RE
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:25:59 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)

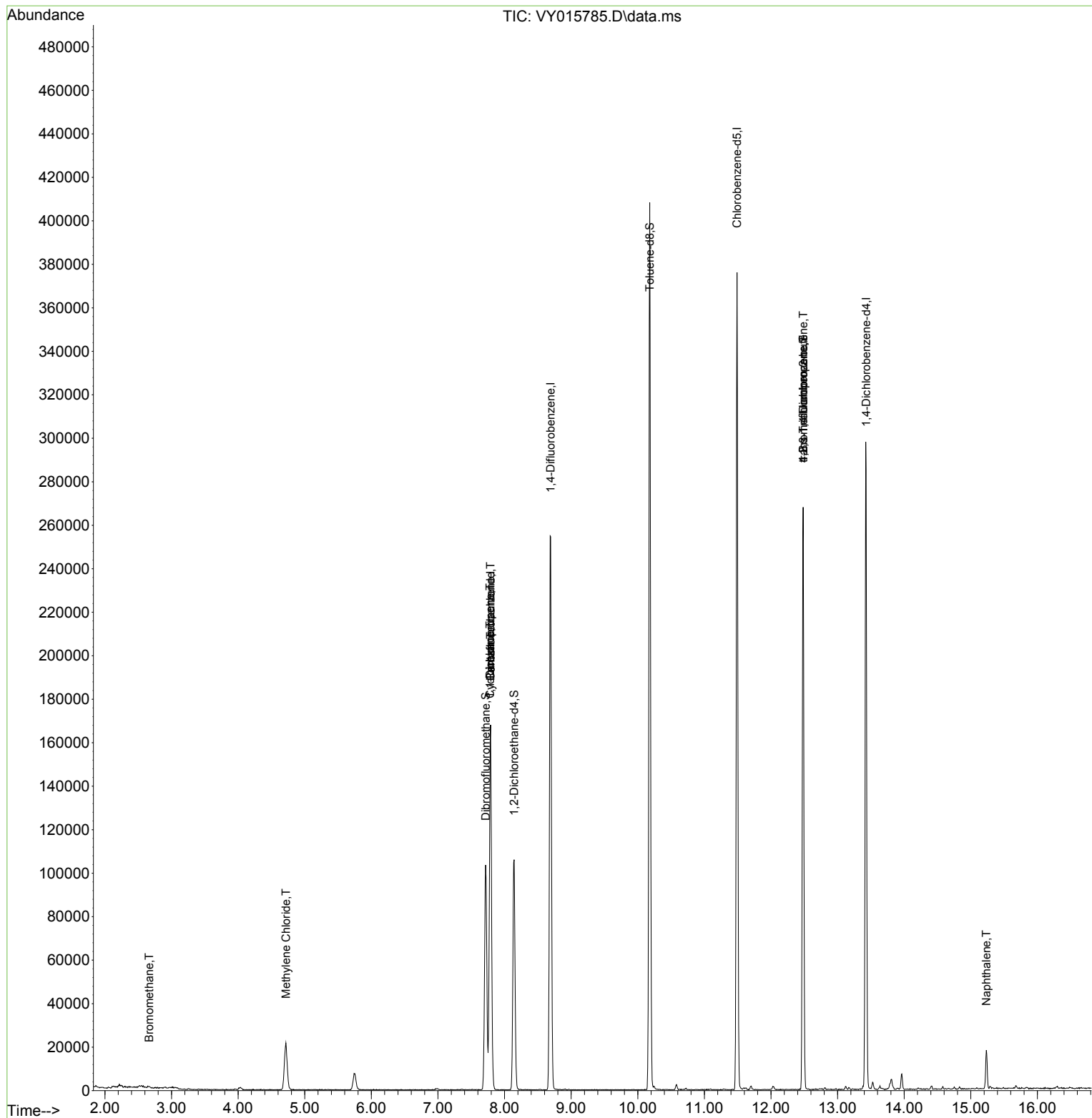
Internal Standards						
1) Pentafluorobenzene	7.789	168	128290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	199595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82551	58.483	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 116.960%	
35) Dibromofluoromethane	7.716	113	73121	54.626	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 109.260%	
50) Toluene-d8	10.179	98	263188	57.988	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 115.980%	
62) 4-Bromofluorobenzene	12.483	95	78858	44.274	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 88.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	74	2.615	ug/l #	2
11) Tert butyl alcohol	4.960	59	26	Below Cal	#	89
20) Methylene Chloride	4.716	84	16101	5.417	ug/l	95
31) Cyclohexane	7.783	56	2696	1.379	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9579	4.840	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12793	5.955	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	43054	35.119	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43054	79.085	ug/l #	10
95) Naphthalene	15.233	128	14943	3.513	ug/l	99

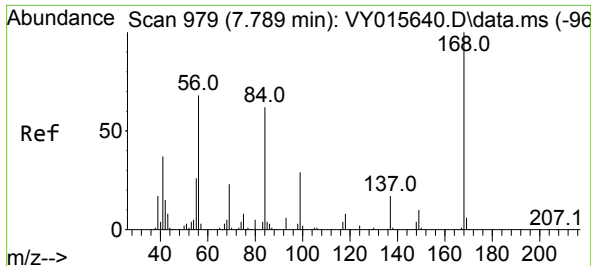
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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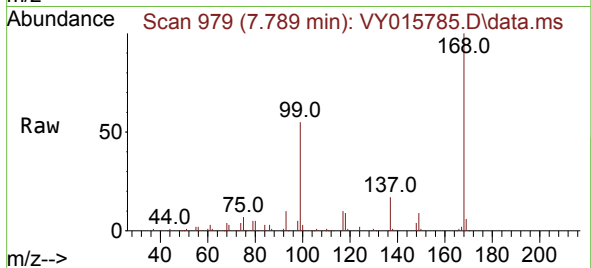
Quant Time: Oct 03 01:25:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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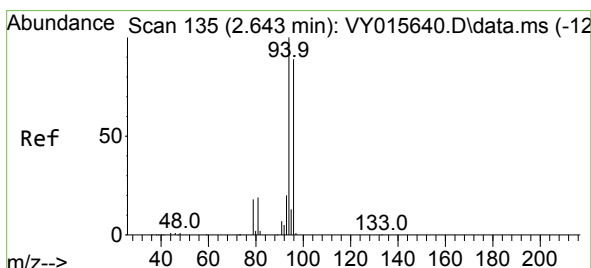
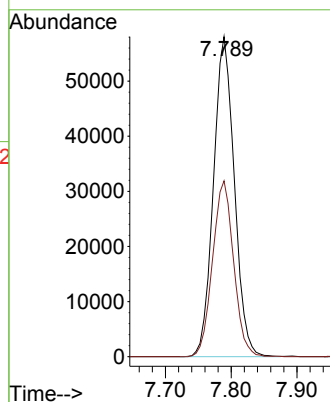
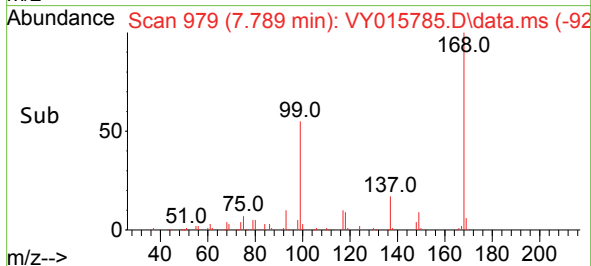


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Instrument :
MSVOA_Y
ClientSampleId :

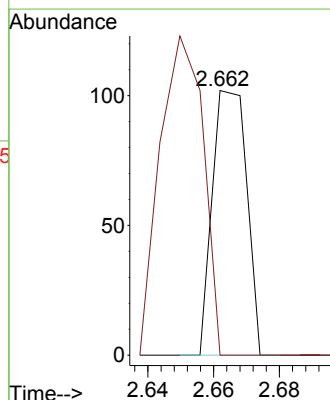
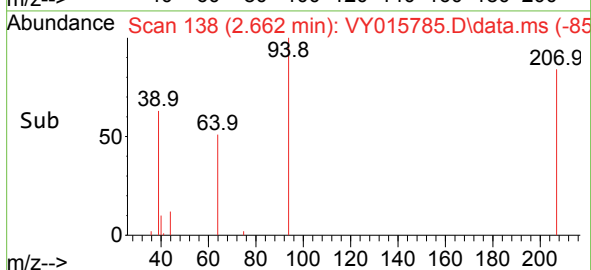
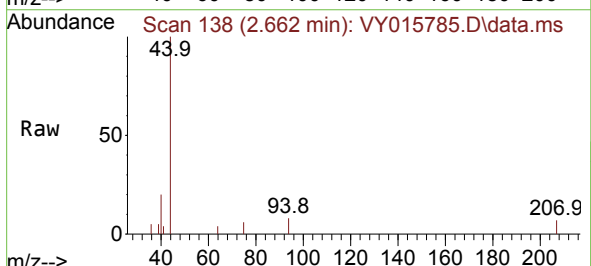


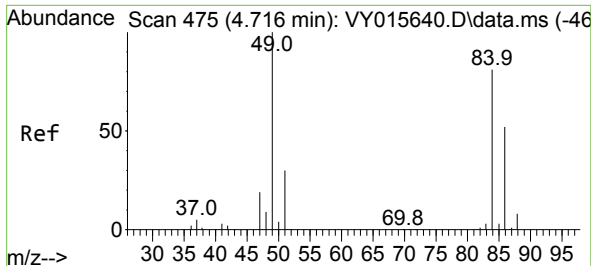
Tgt Ion:168 Resp: 128290
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#5
Bromomethane
Concen: 2.615 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Tgt Ion: 94 Resp: 74
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#





#20

Methylene Chloride

Concen: 5.417 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.012 min

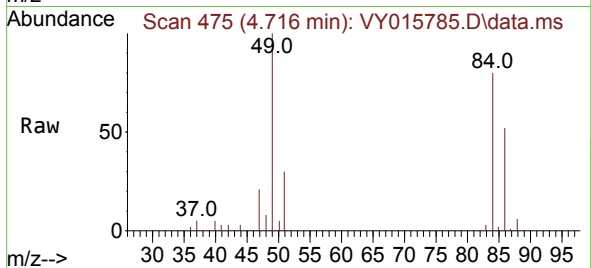
Lab File: VY015785.D

Acq: 02 Oct 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 16101

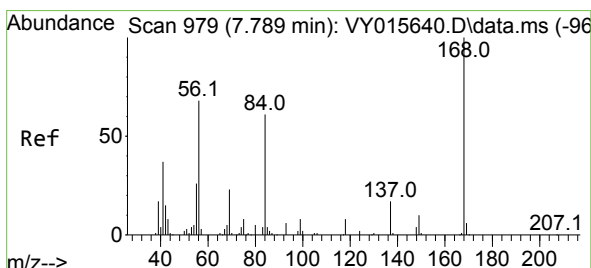
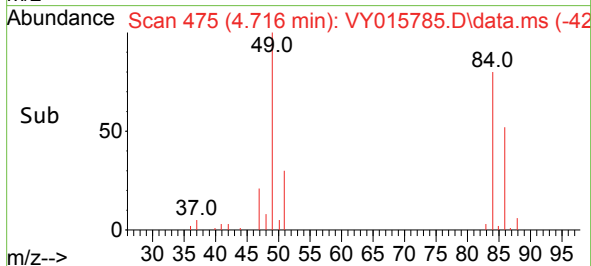
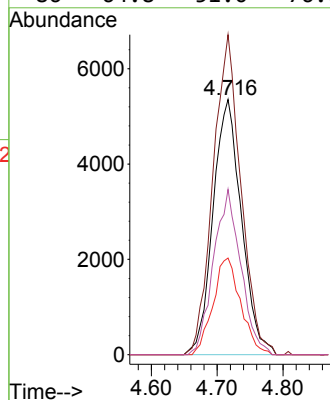
Ion Ratio Lower Upper

84 100

49 125.4 106.9 160.3

51 37.9 33.2 49.8

86 64.8 51.0 76.6



#31

Cyclohexane

Concen: 1.379 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY015785.D

Acq: 02 Oct 2023 18:38

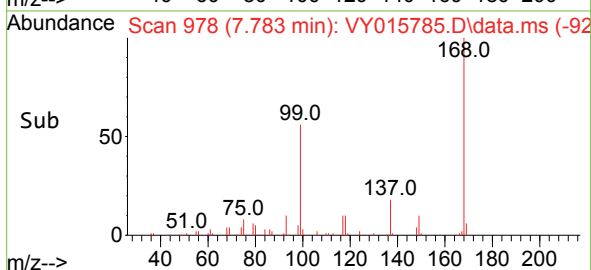
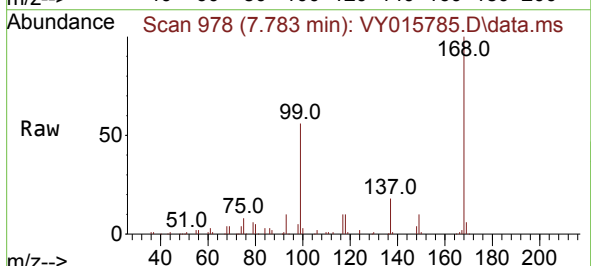
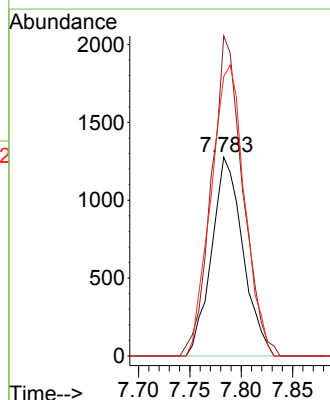
Tgt Ion: 56 Resp: 2696

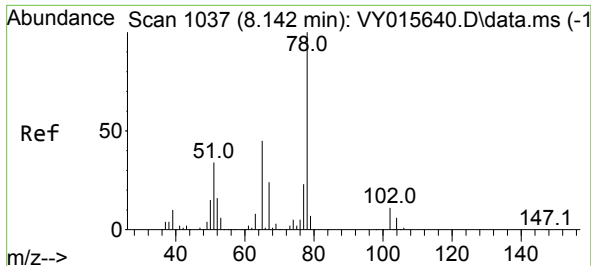
Ion Ratio Lower Upper

56 100

69 161.1 27.8 41.6#

84 140.5 66.4 99.6#

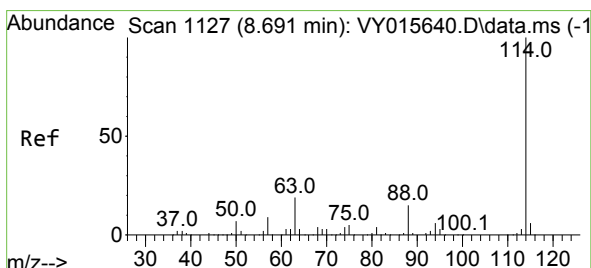
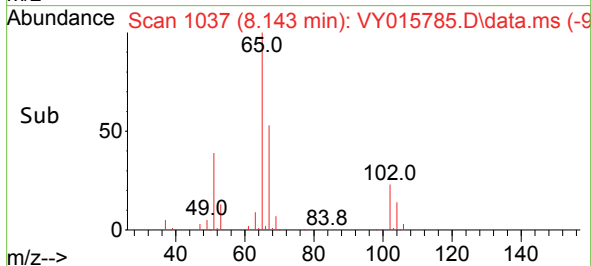
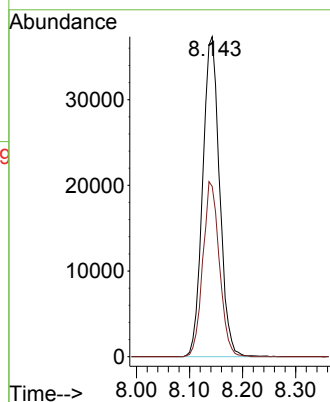
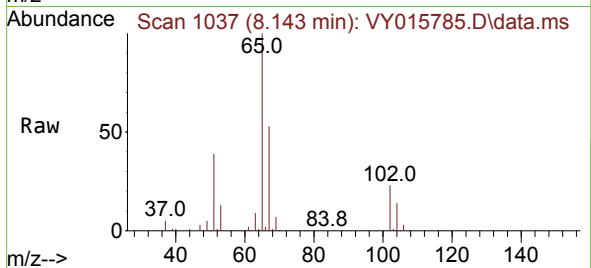




#33
 1,2-Dichloroethane-d4
 Concen: 58.483 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY015785.D
 Acq: 02 Oct 2023 18:38

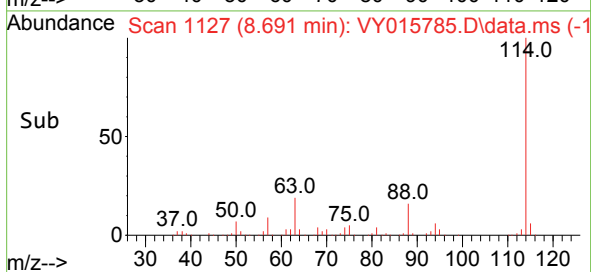
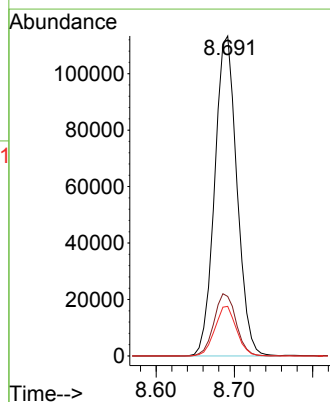
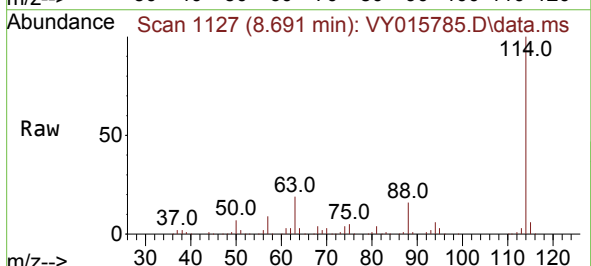
Instrument :
 MSVOA_Y
 ClientSampleId :

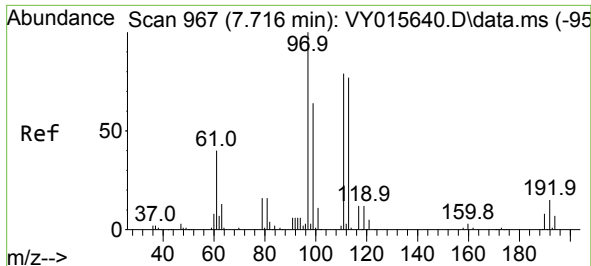
Tgt Ion: 65 Resp: 82551
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015785.D
 Acq: 02 Oct 2023 18:38

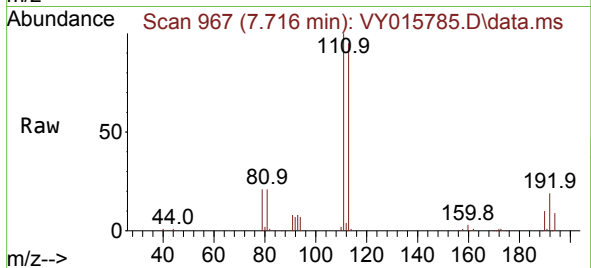
Tgt Ion: 114 Resp: 223644
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 15.5 0.0 30.6



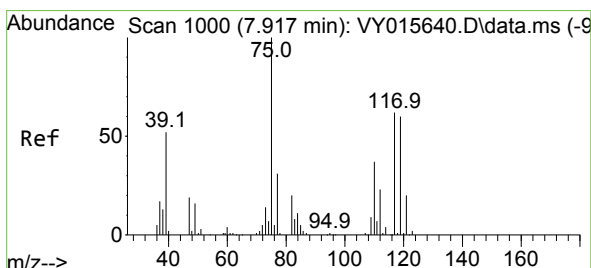
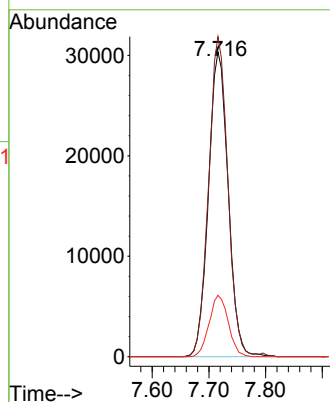
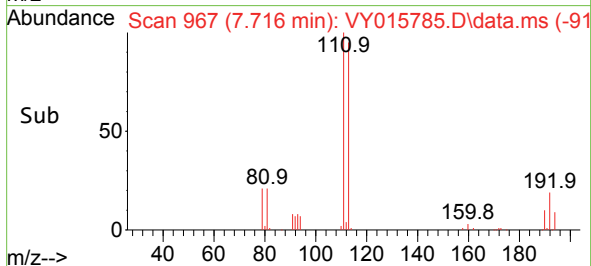


#35
Dibromofluoromethane
Concen: 54.626 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

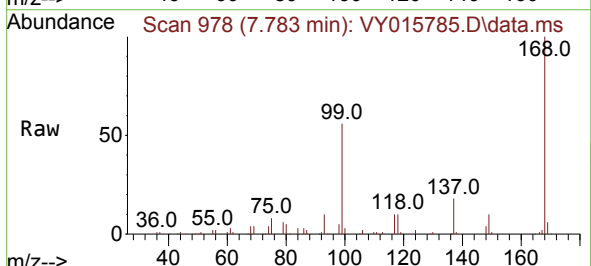
Instrument :
MSVOA_Y
ClientSampleId :



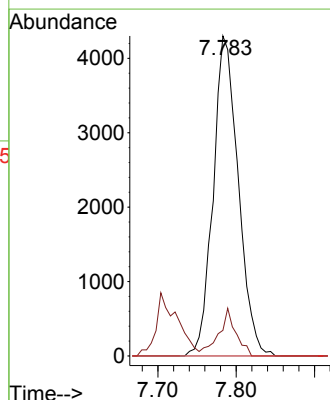
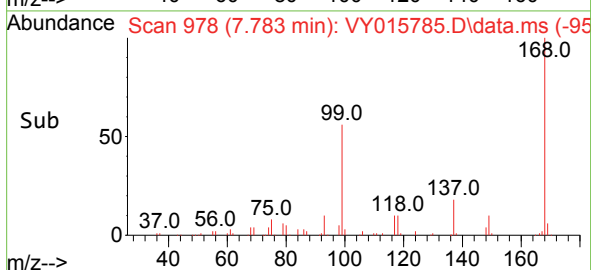
Tgt Ion:113 Resp: 73121
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3

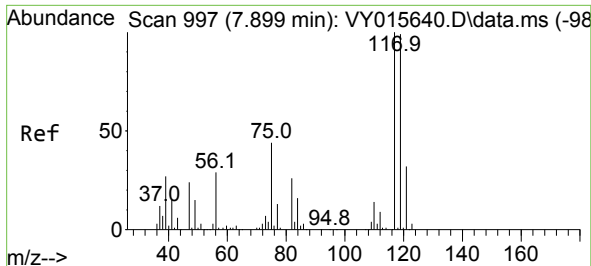


#36
1,1-Dichloropropene
Concen: 4.840 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38



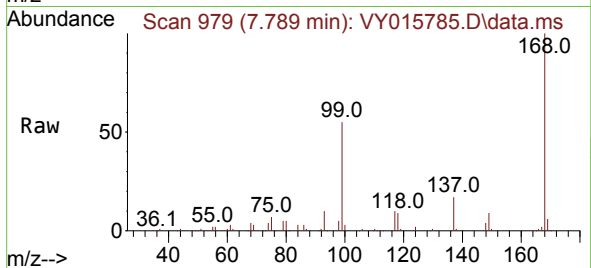
Tgt Ion: 75 Resp: 9579
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#



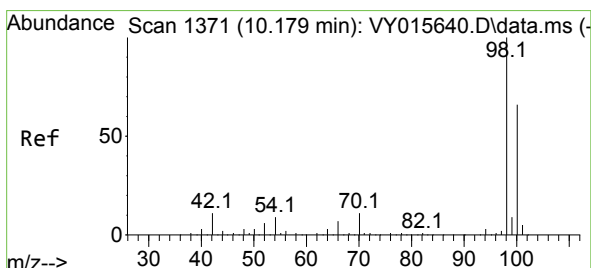
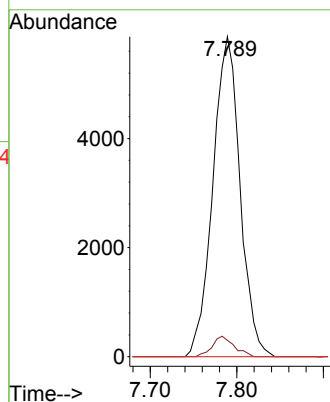
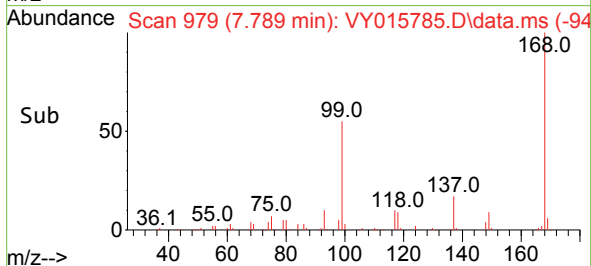


#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Instrument :
MSVOA_Y
ClientSampleId :

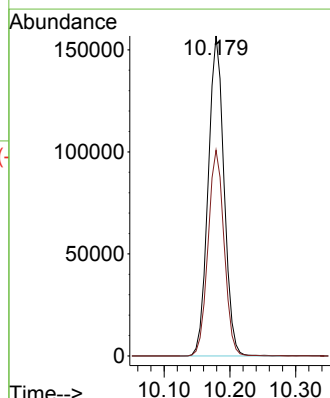
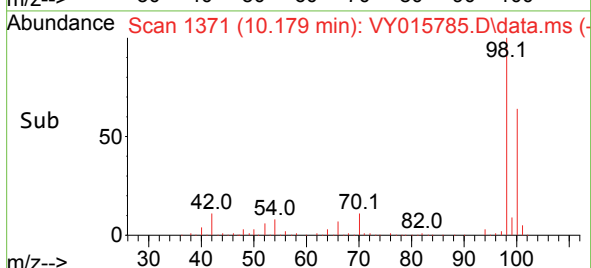
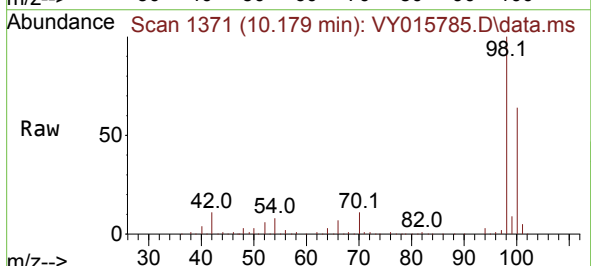


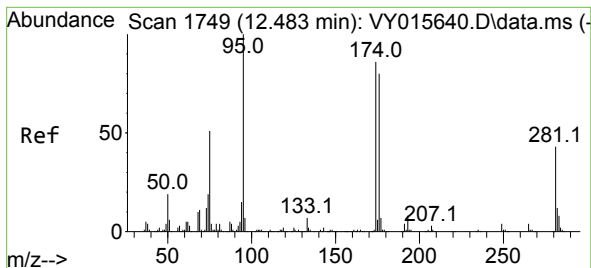
Tgt Ion:117 Resp: 12793
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 57.988 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Tgt Ion: 98 Resp: 263188
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

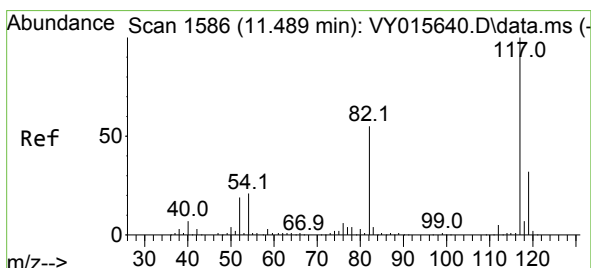
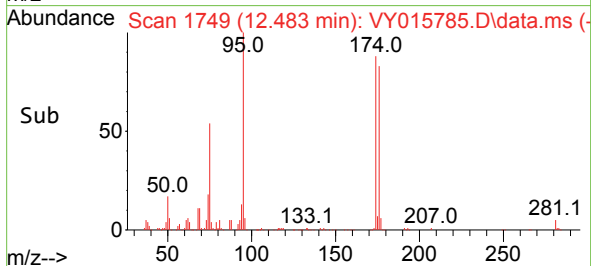
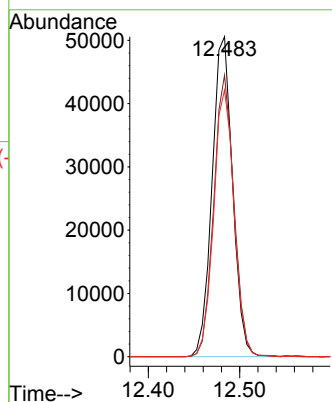
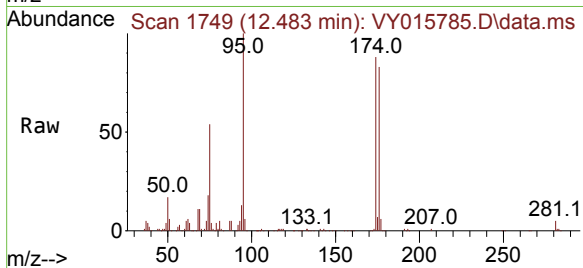




#62
4-Bromofluorobenzene
Concen: 44.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

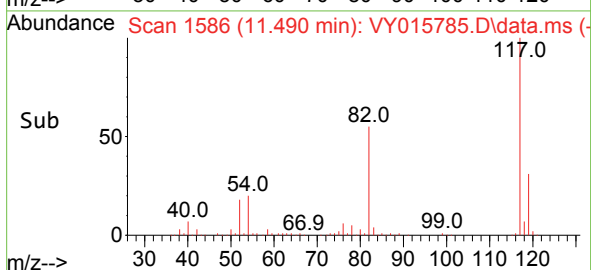
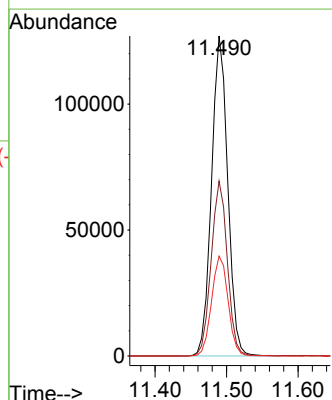
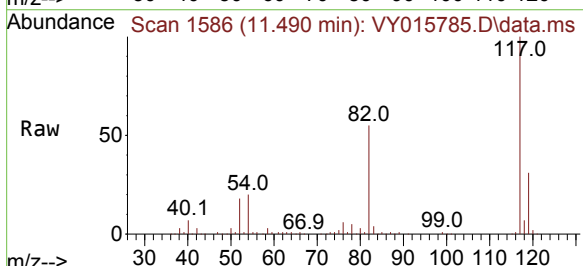
Instrument :
MSVOA_Y
ClientSampleId :

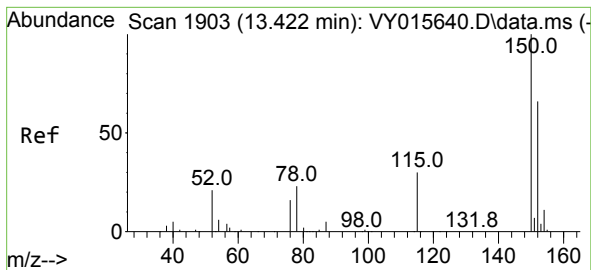
Tgt Ion: 95 Resp: 78858
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 83.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Tgt Ion: 117 Resp: 199595
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.2 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: VY015785.D

Acq: 02 Oct 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :

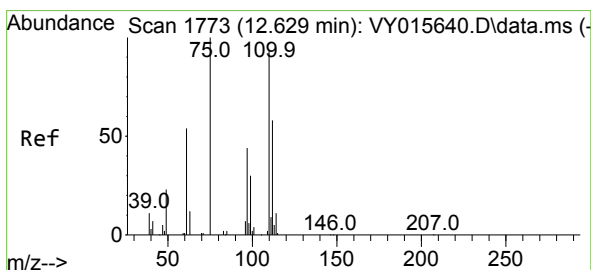
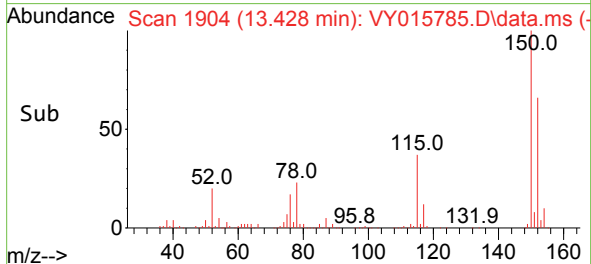
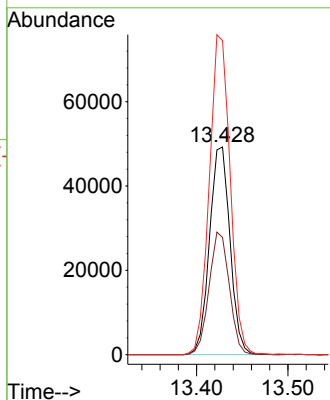
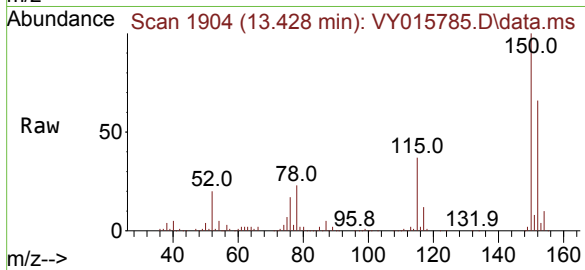
Tgt Ion:152 Resp: 76845

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 156.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 35.119 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015785.D

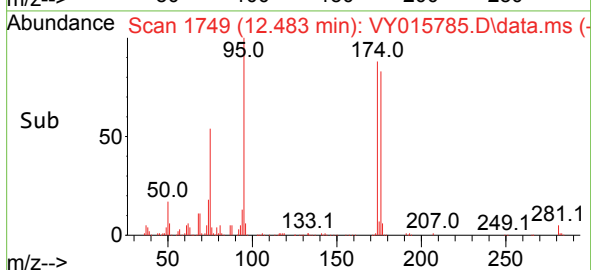
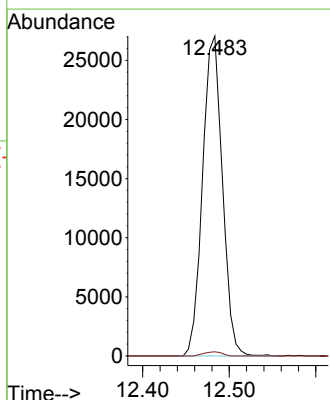
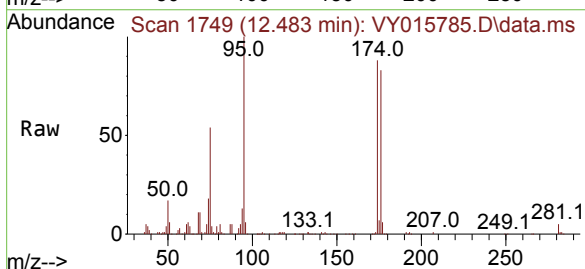
Acq: 02 Oct 2023 18:38

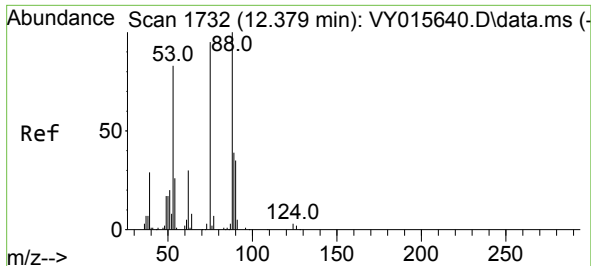
Tgt Ion: 75 Resp: 43054

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

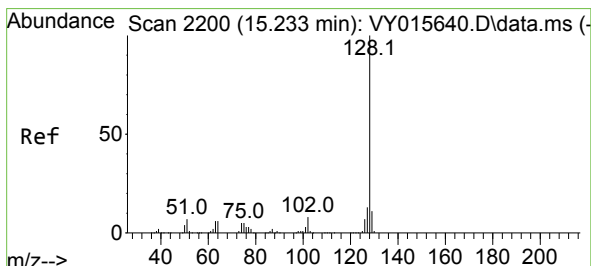
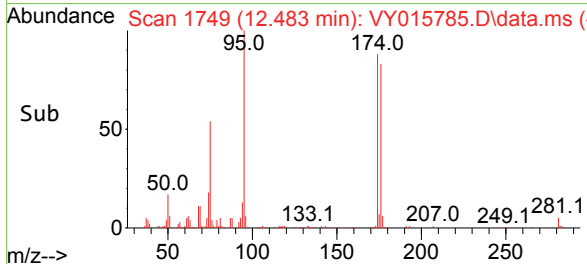
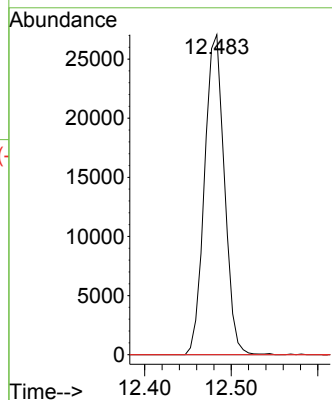
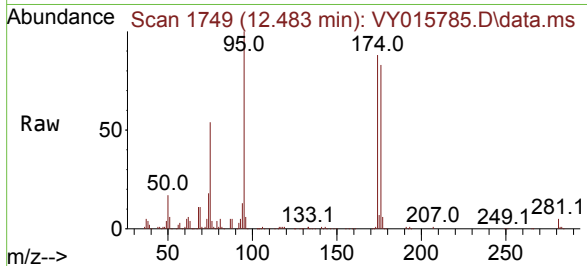




#81
trans-1,4-Dichloro-2-butene
Concen: 79.085 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 43054
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 3.513 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Tgt Ion:128 Resp: 14943
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.7 8.6 13.0

