

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015737.D
 Acq On : 27 Sep 2023 20:15
 Operator : SY/MD
 Sample : 04627-23
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 00:50:35 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)

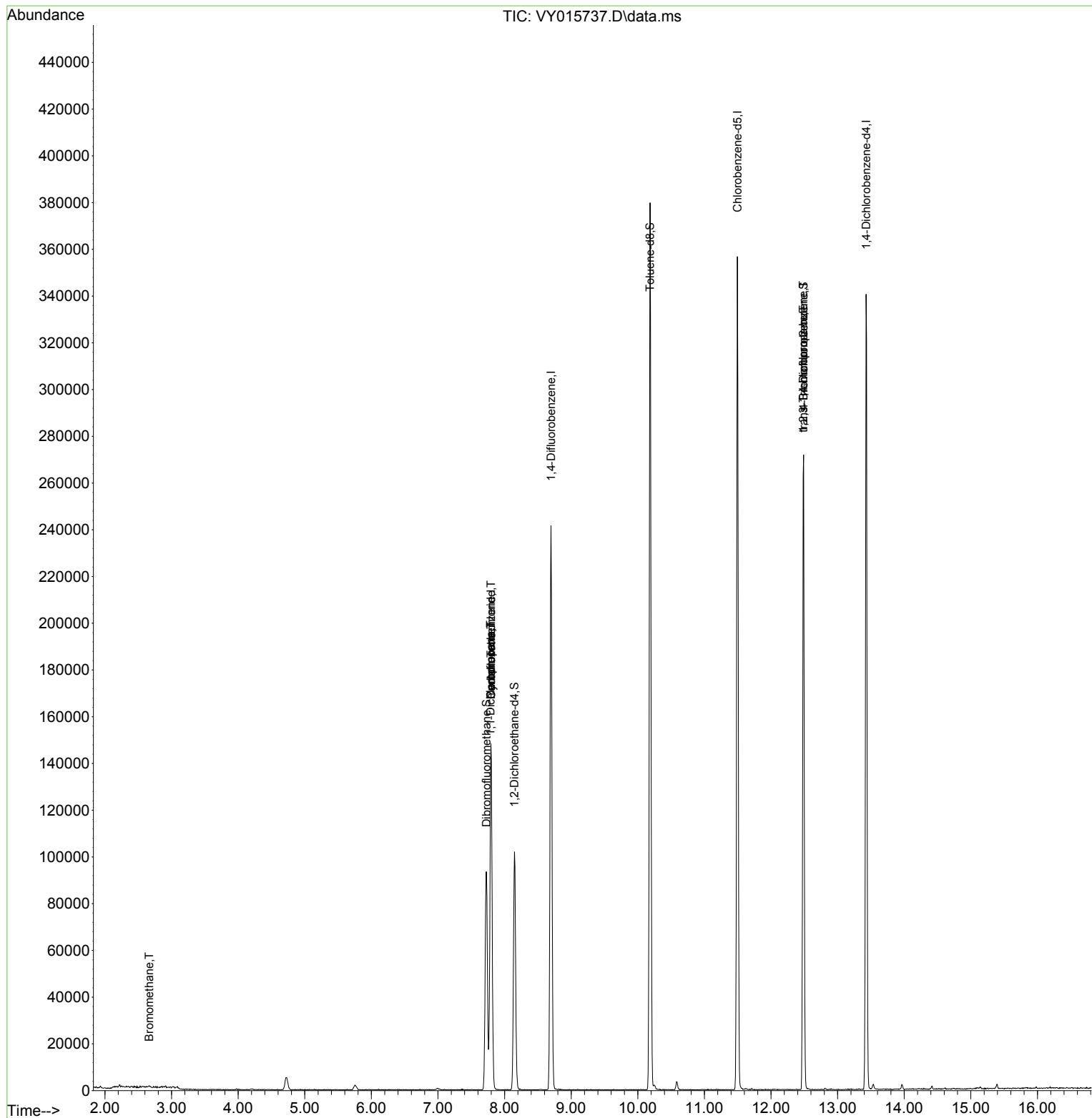
Internal Standards						
1) Pentafluorobenzene	7.795	168	116984	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	206983	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	192776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	80290	62.378	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.760%	
35) Dibromofluoromethane	7.728	113	68097	54.967	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.940%	
50) Toluene-d8	10.185	98	244750	58.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.540%	
62) 4-Bromofluorobenzene	12.489	95	80486	48.826	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	132	2.670	ug/l #	2
20) Methylene Chloride	4.722	84	4136	Below Cal	#	86
31) Cyclohexane	7.795	56	2544	1.427	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8685	4.741	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11679	5.874	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	43770	31.284	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43770	70.448	ug/l #	11

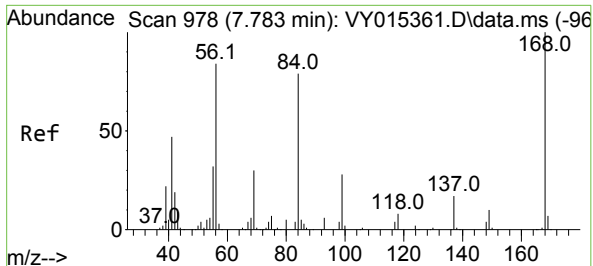
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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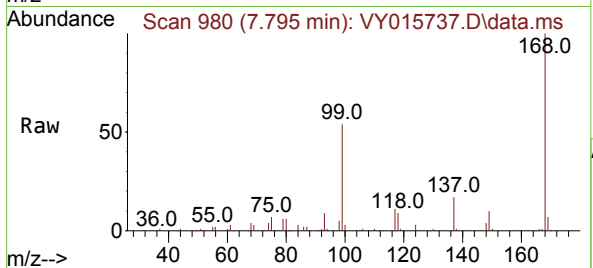
Quant Time: Sep 28 00:50:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration



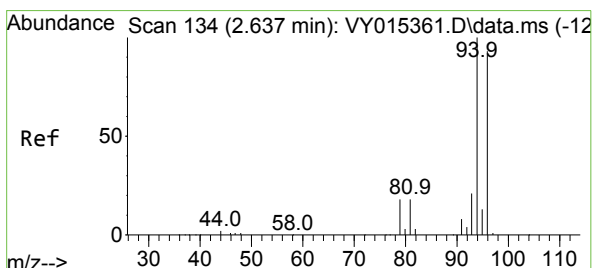
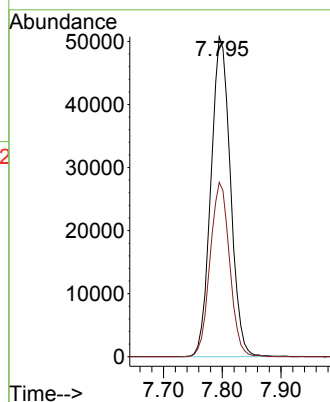
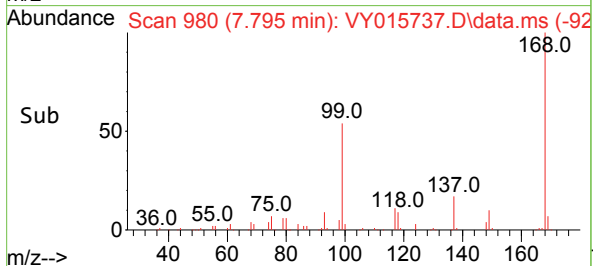


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015737.D
Acq: 27 Sep 2023 20:15

Instrument :
MSVOA_Y
ClientSampleId :

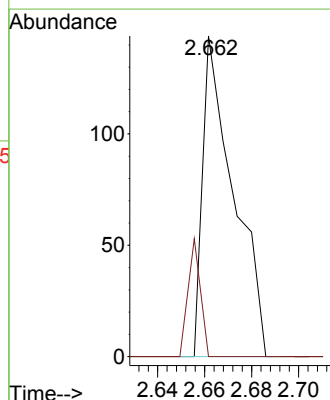
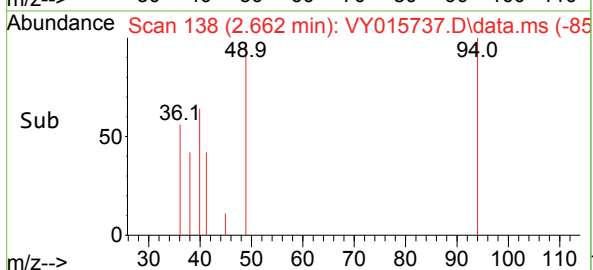
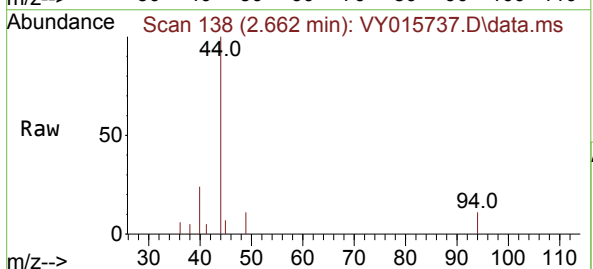


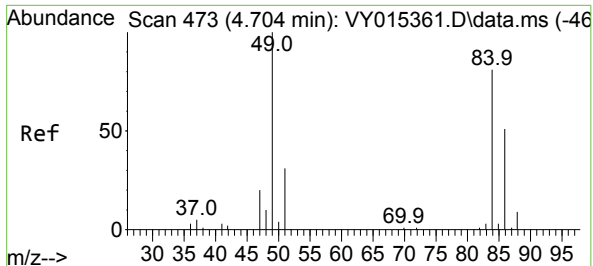
Tgt Ion:168 Resp: 116984
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#5
Bromomethane
Concen: 2.670 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015737.D
Acq: 27 Sep 2023 20:15

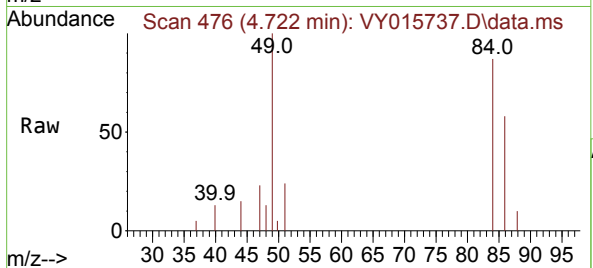
Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#





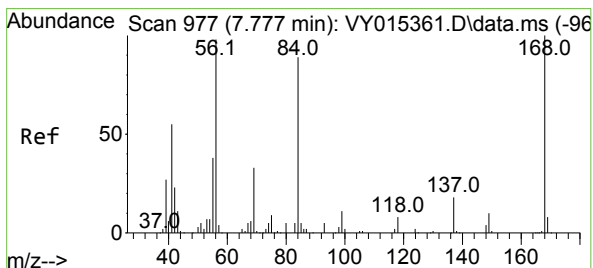
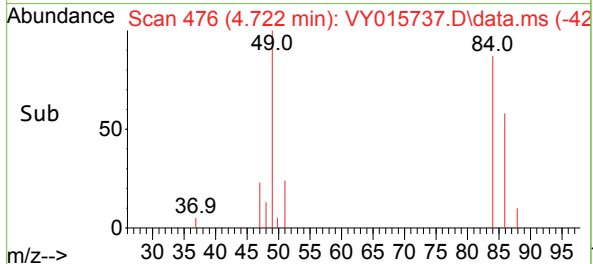
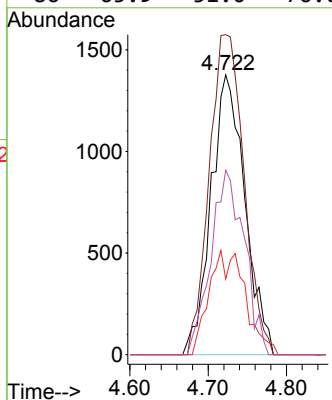
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY015737.D
Acq: 27 Sep 2023 20:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 4136

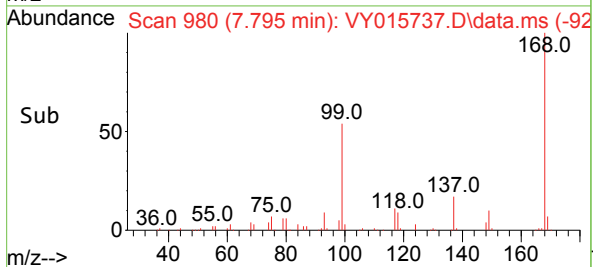
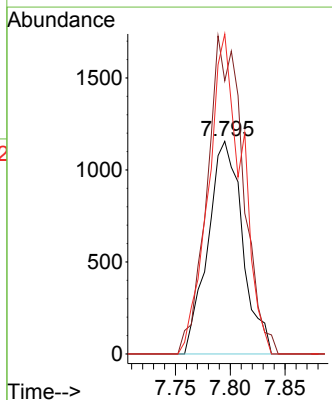
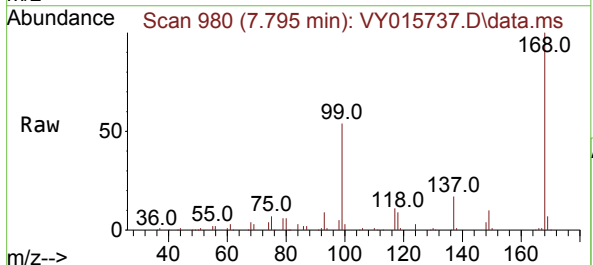
Ion	Ratio	Lower	Upper
84	100		
49	114.4	106.9	160.3
51	27.1	33.2	49.8#
86	65.9	51.0	76.6

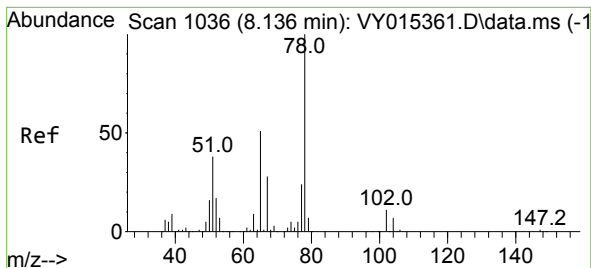


#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015737.D
Acq: 27 Sep 2023 20:15

Tgt Ion: 56 Resp: 2544

Ion	Ratio	Lower	Upper
56	100		
69	128.4	27.8	41.6#
84	150.4	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 62.378 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015737.D

Acq: 27 Sep 2023 20:15

Instrument :

MSVOA_Y

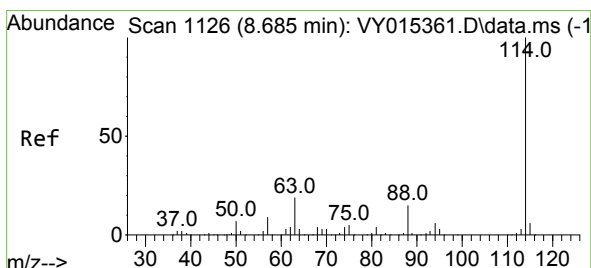
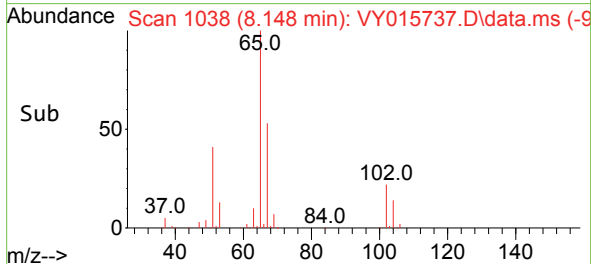
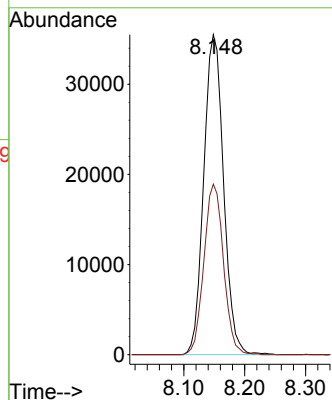
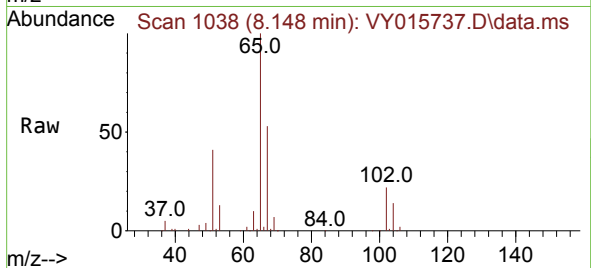
ClientSampleId :

Tgt Ion: 65 Resp: 80290

Ion Ratio Lower Upper

65 100

67 52.8 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: VY015737.D

Acq: 27 Sep 2023 20:15

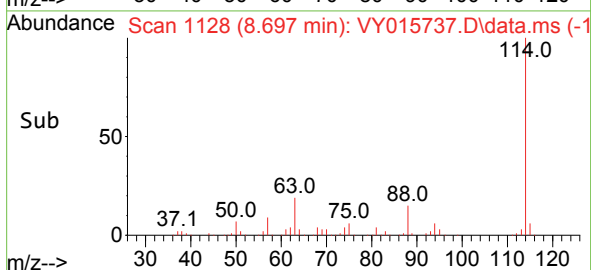
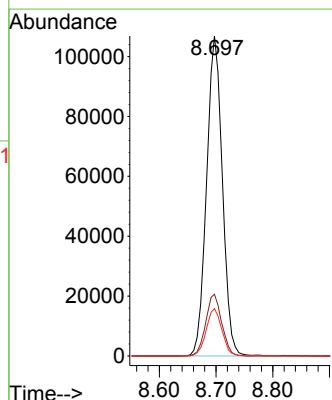
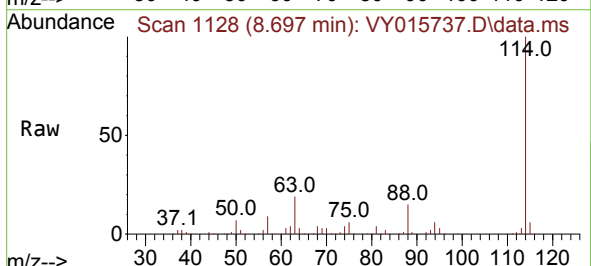
Tgt Ion: 114 Resp: 206983

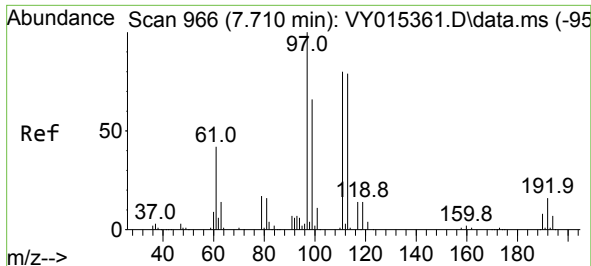
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.8 0.0 30.6

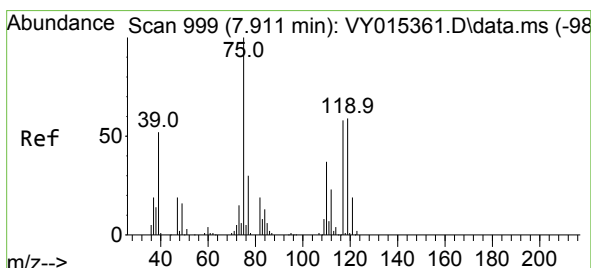
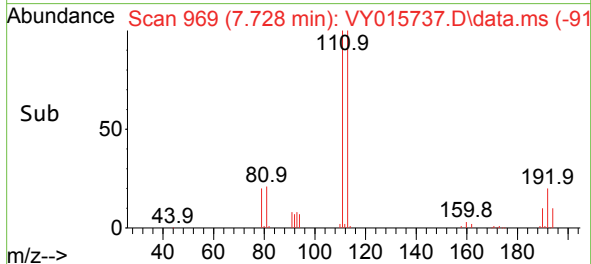
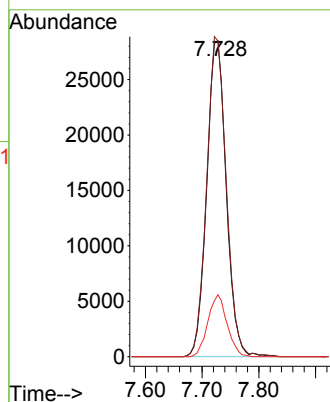
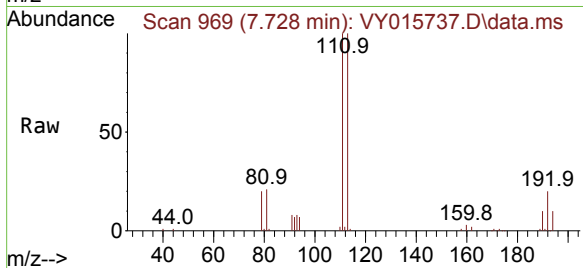




#35
Dibromofluoromethane
Concen: 54.967 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY015737.D
Acq: 27 Sep 2023 20:15

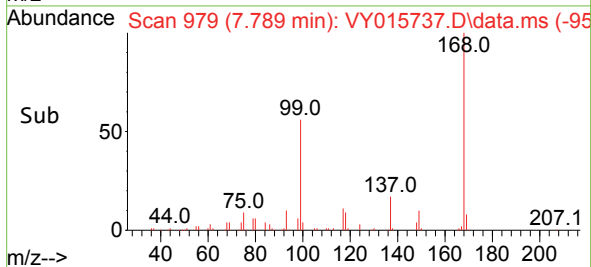
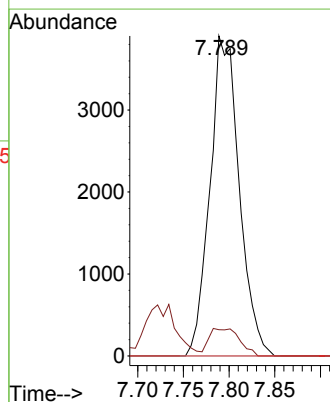
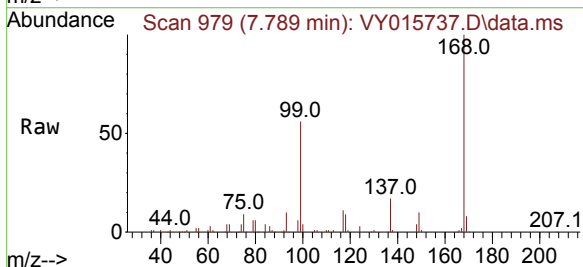
Instrument :
MSVOA_Y
ClientSampleId :

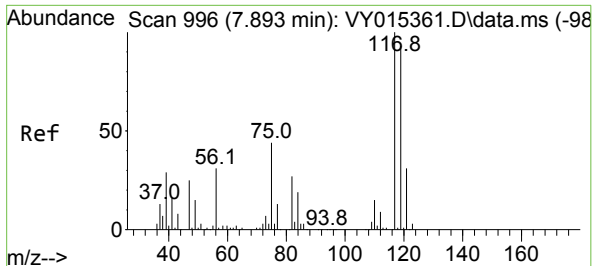
Tgt Ion:113 Resp: 68097
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.741 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015737.D
Acq: 27 Sep 2023 20:15

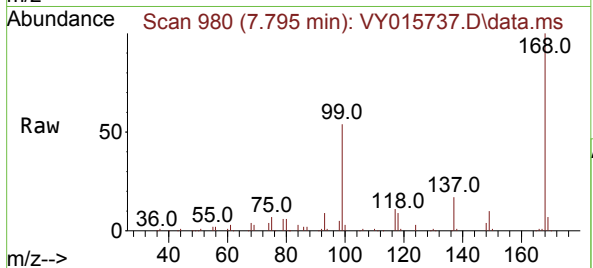
Tgt Ion: 75 Resp: 8685
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



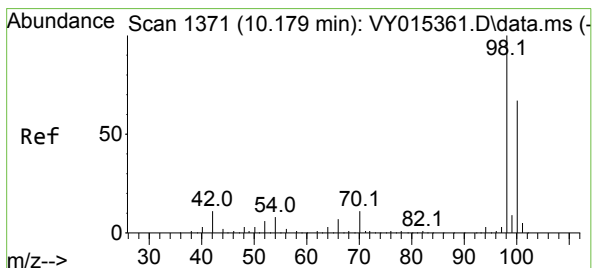
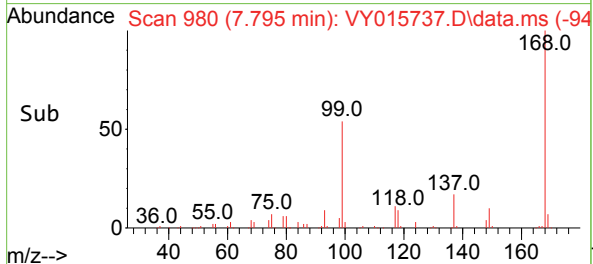
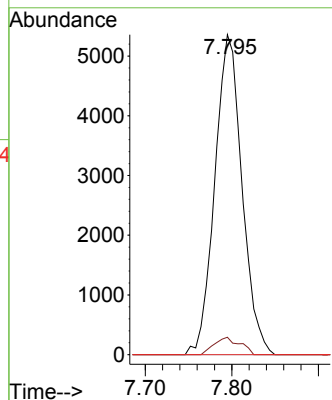


#38
Carbon Tetrachloride
Concen: 5.874 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015737.D
Acq: 27 Sep 2023 20:15

Instrument :
MSVOA_Y
ClientSampleId :

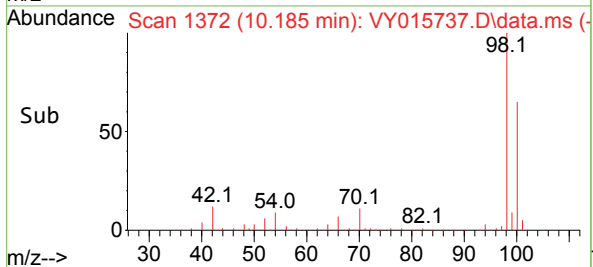
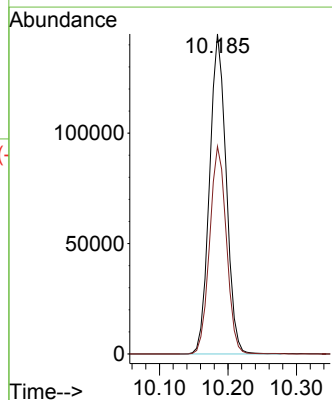
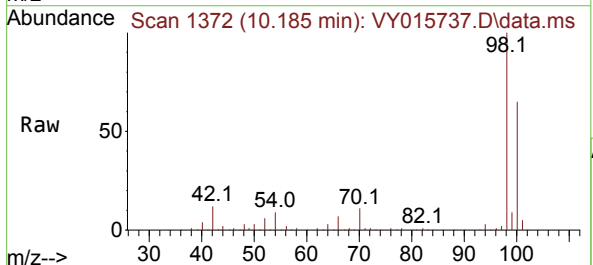


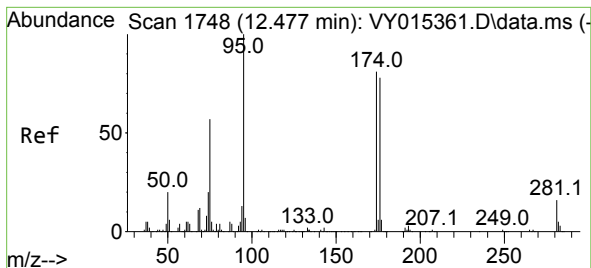
Tgt Ion:117 Resp: 11679
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.266 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015737.D
Acq: 27 Sep 2023 20:15

Tgt Ion: 98 Resp: 244750
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

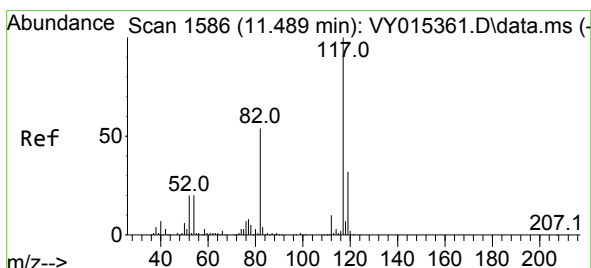
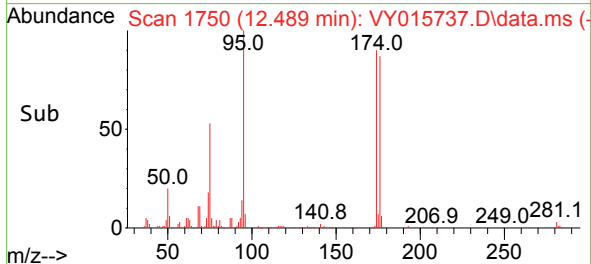
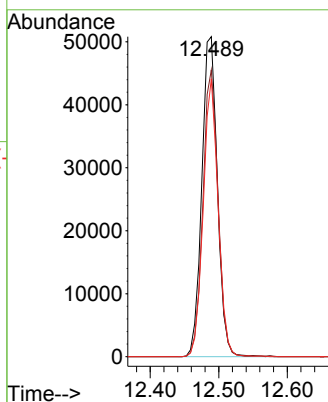
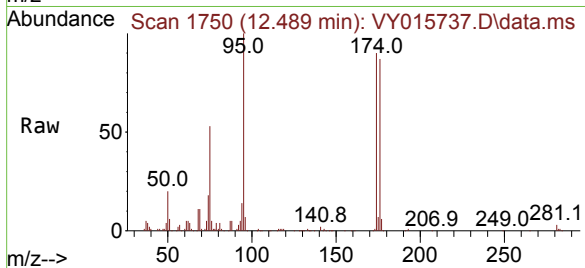




#62
4-Bromofluorobenzene
Concen: 48.826 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015737.D
Acq: 27 Sep 2023 20:15

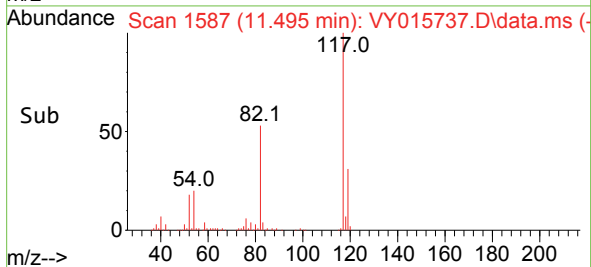
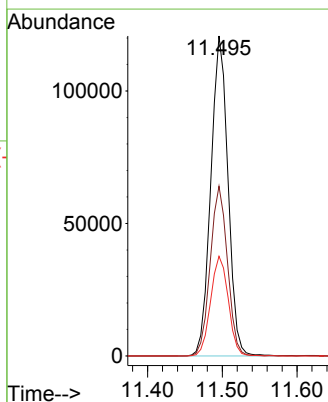
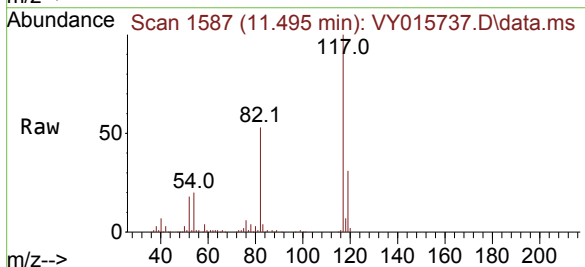
Instrument :
MSVOA_Y
ClientSampleId :

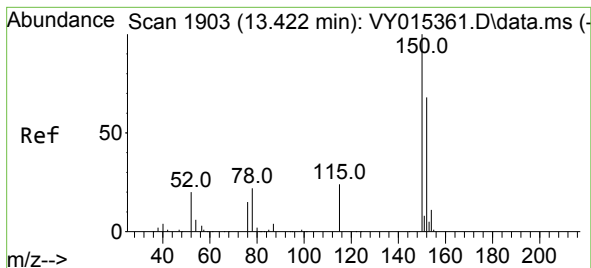
Tgt Ion: 95 Resp: 80486
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 83.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015737.D
Acq: 27 Sep 2023 20:15

Tgt Ion: 117 Resp: 192776
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.1 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: VY015737.D

Acq: 27 Sep 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

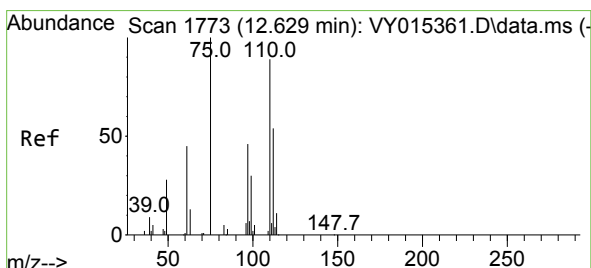
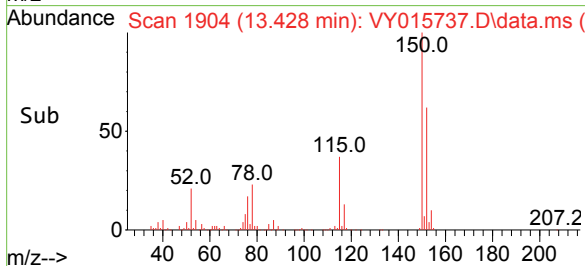
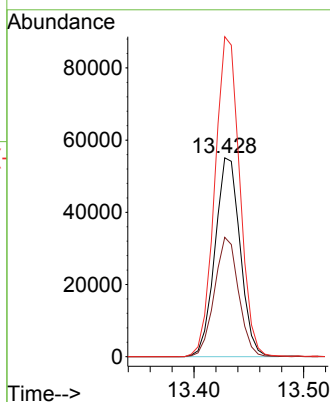
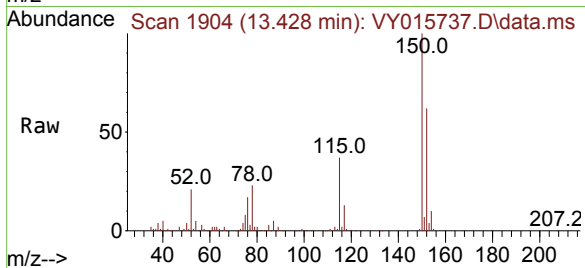
Tgt Ion:152 Resp: 87701

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 159.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 31.284 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015737.D

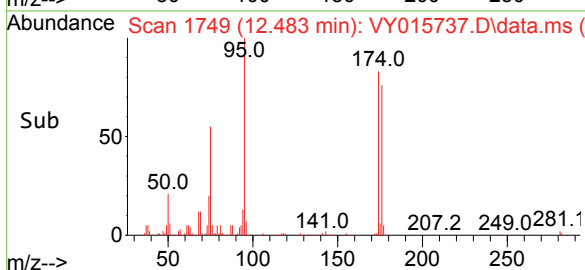
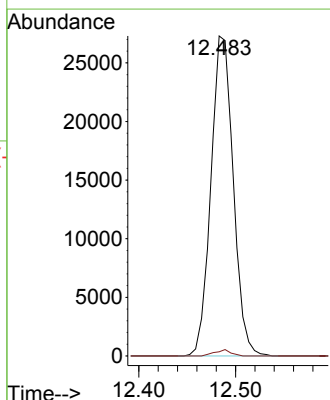
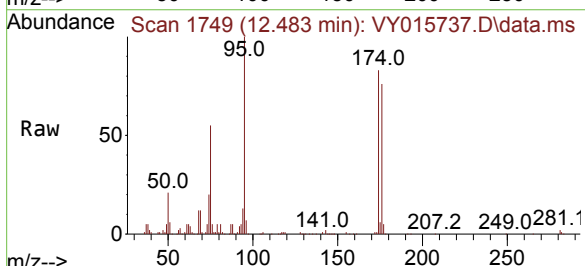
Acq: 27 Sep 2023 20:15

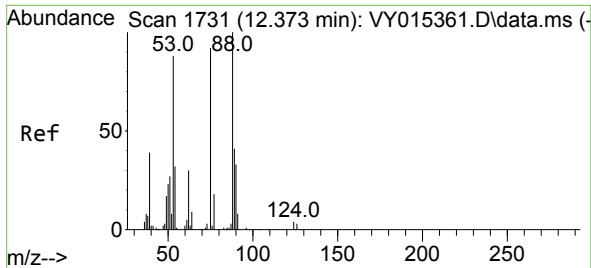
Tgt Ion: 75 Resp: 43770

Ion Ratio Lower Upper

75 100

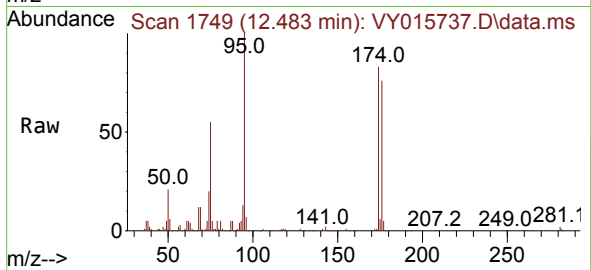
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.448 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015737.D
 Acq: 27 Sep 2023 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 43770
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

