

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015734.D
 Acq On : 27 Sep 2023 19:04
 Operator : SY/MD
 Sample : 04627-17
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 00:49:32 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)

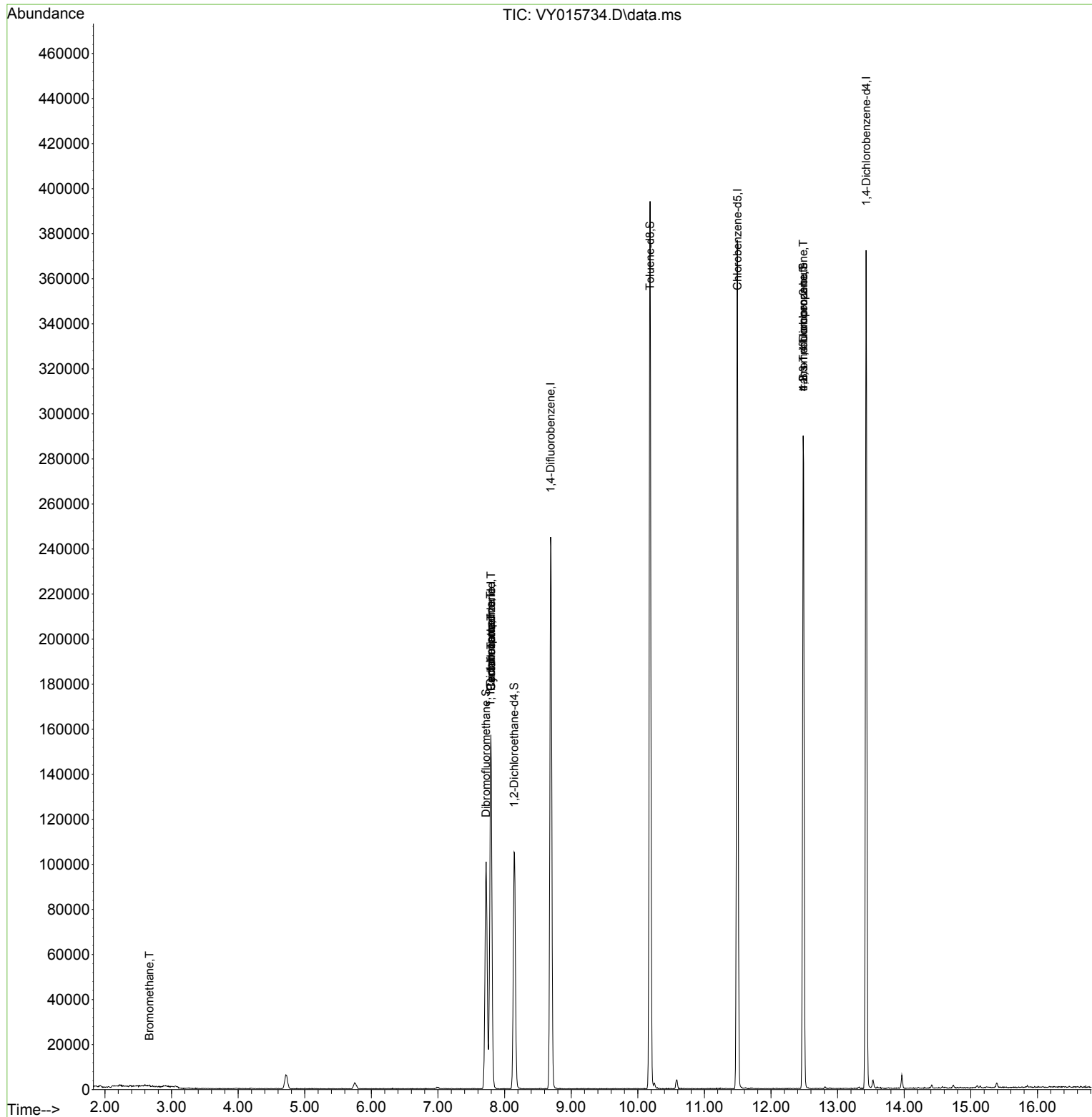
Internal Standards						
1) Pentafluorobenzene	7.795	168	121658	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	213278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83307	62.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.480%	
35) Dibromofluoromethane	7.722	113	70660	55.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.700%	
50) Toluene-d8	10.185	98	252968	58.445	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.900%	
62) 4-Bromofluorobenzene	12.483	95	84619	49.818	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.640%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	133	2.667	ug/l #	73
20) Methylene Chloride	4.716	84	4832	Below Cal	#	86
31) Cyclohexane	7.795	56	2564	1.383	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9224	4.887	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12088	5.900	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	45954	31.225	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45954	70.316	ug/l #	10

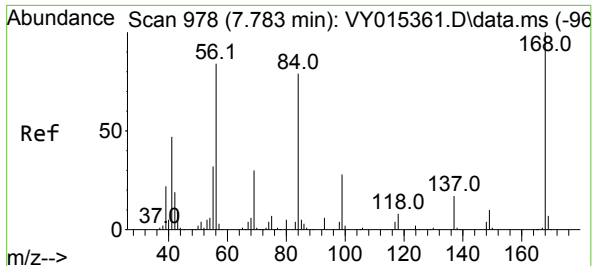
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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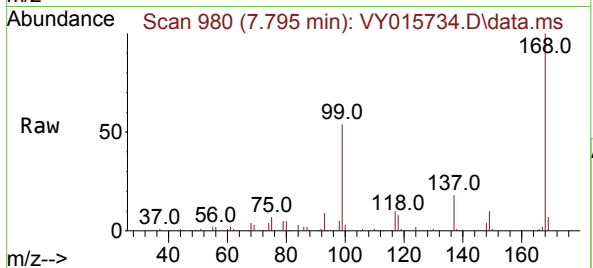
Quant Time: Sep 28 00:49:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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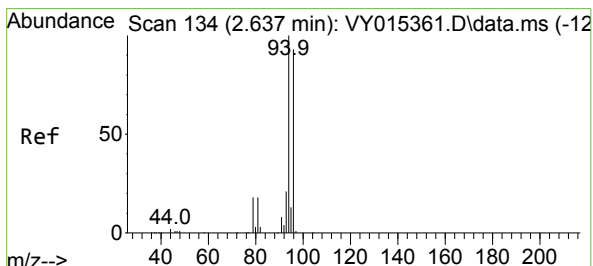
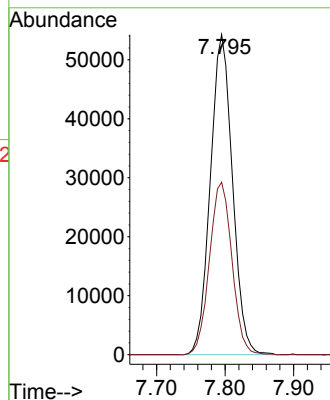
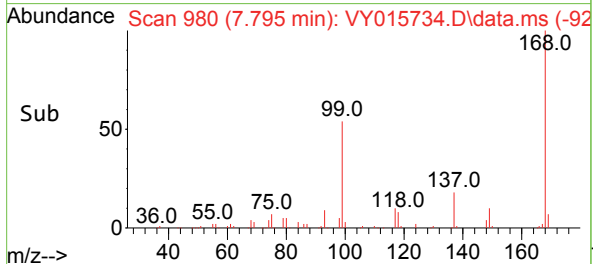


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

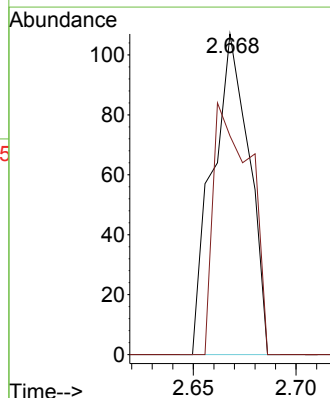
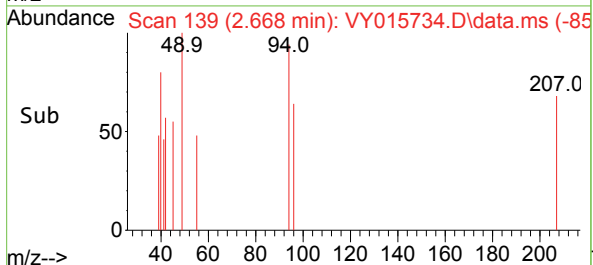
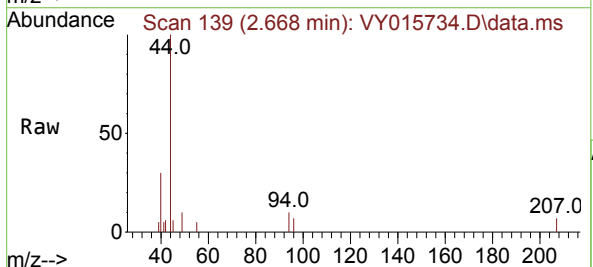


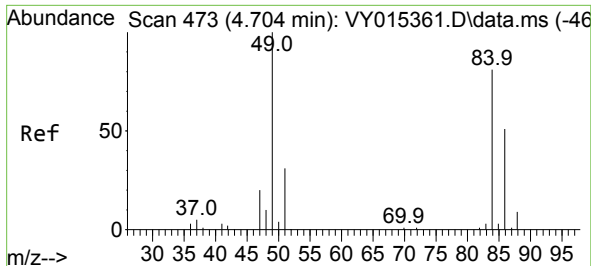
Tgt Ion:168 Resp: 121658
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#5
Bromomethane
Concen: 2.667 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.031 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

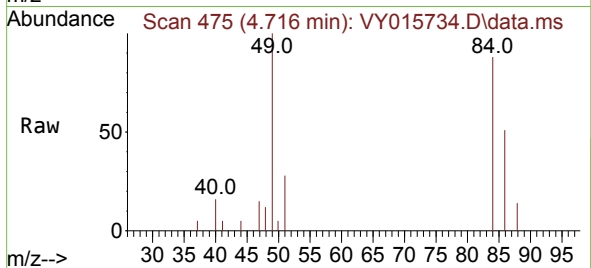
Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 68.2 75.8 113.6#



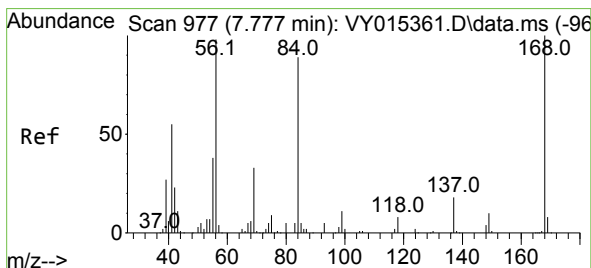
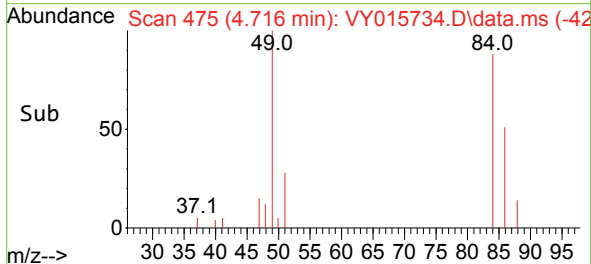
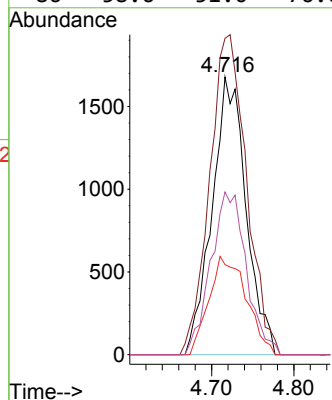


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

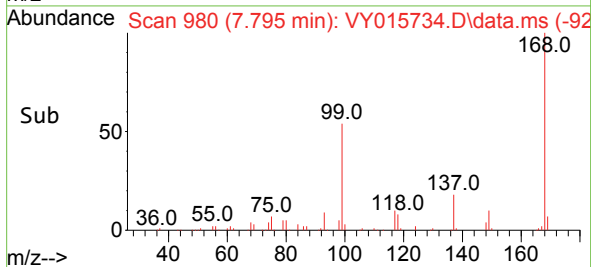
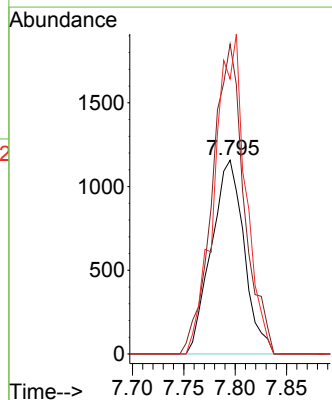
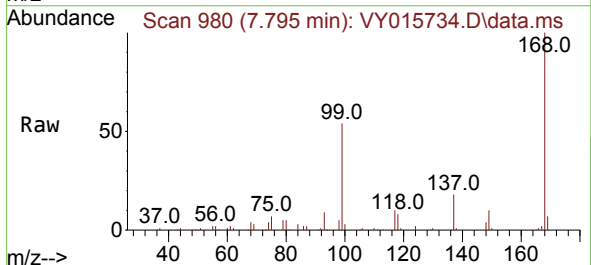


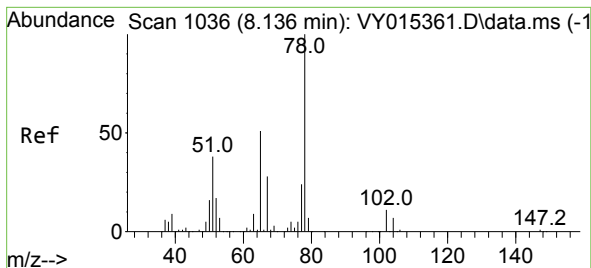
Tgt Ion:	84	Resp:	4832
Ion	Ratio	Lower	Upper
84	100		
49	113.9	106.9	160.3
51	32.4	33.2	49.8#
86	58.6	51.0	76.6



#31
Cyclohexane
Concen: 1.383 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

Tgt Ion:	56	Resp:	2564
Ion	Ratio	Lower	Upper
56	100		
69	160.0	27.8	41.6#
84	141.9	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 62.236 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015734.D

Acq: 27 Sep 2023 19:04

Instrument :

MSVOA_Y

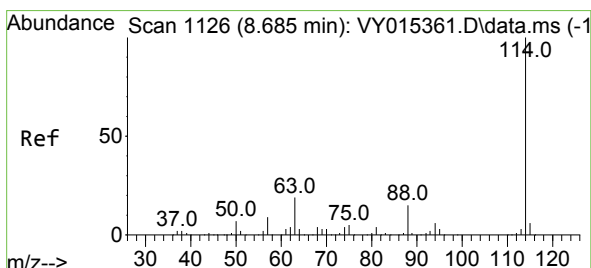
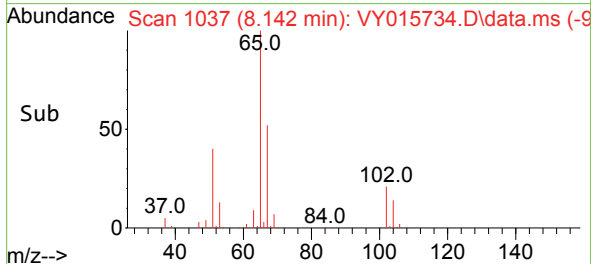
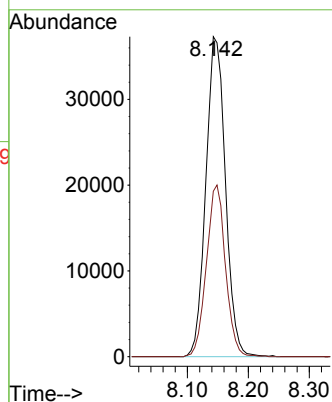
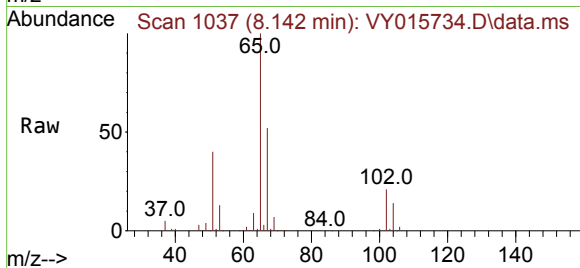
ClientSampleId :

Tgt Ion: 65 Resp: 83307

Ion Ratio Lower Upper

65 100

67 52.2 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: VY015734.D

Acq: 27 Sep 2023 19:04

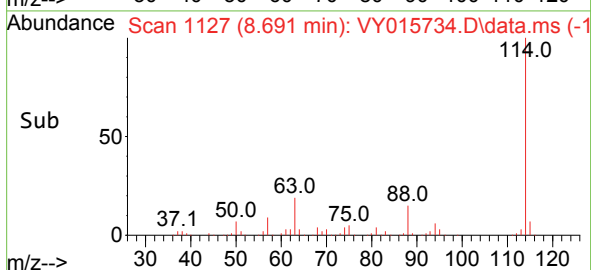
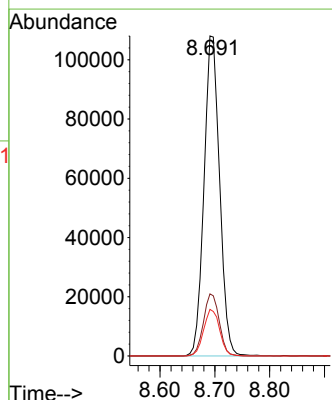
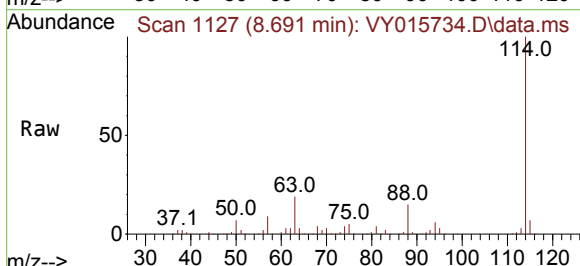
Tgt Ion: 114 Resp: 213278

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

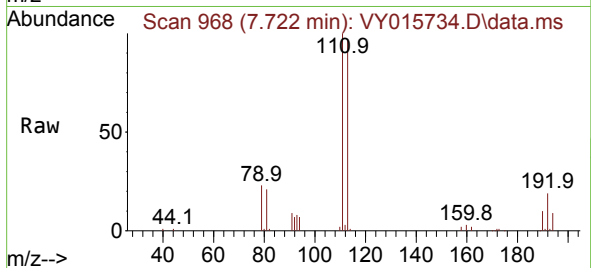
88 14.6 0.0 30.6



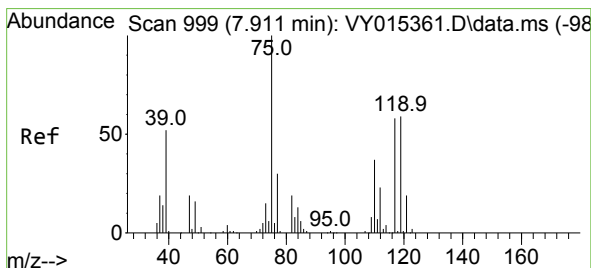
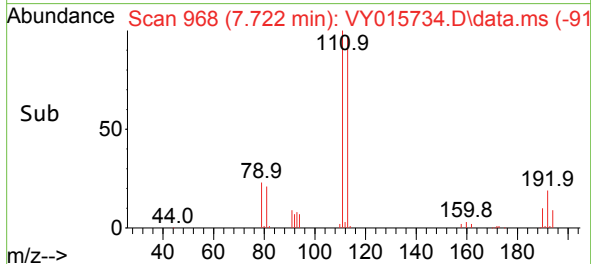
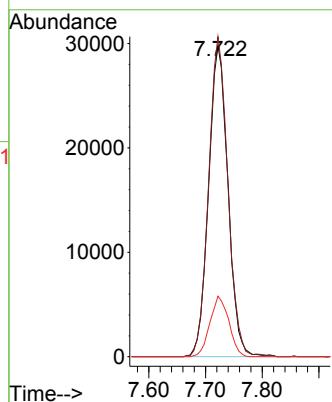


#35
Dibromofluoromethane
Concen: 55.353 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

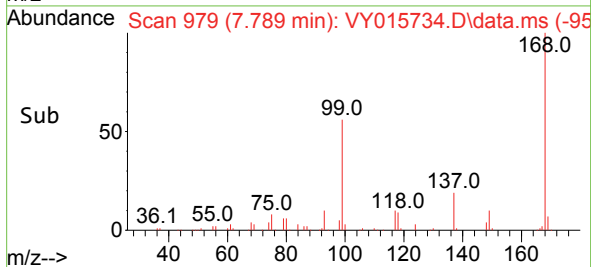
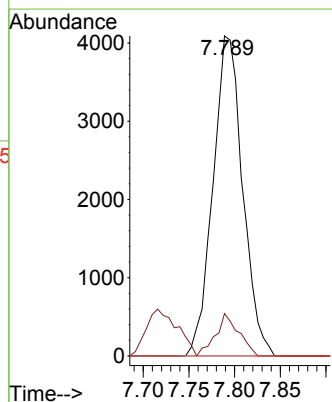
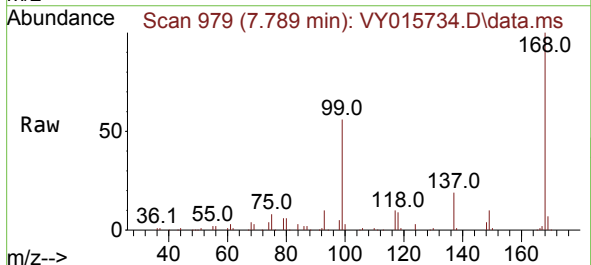


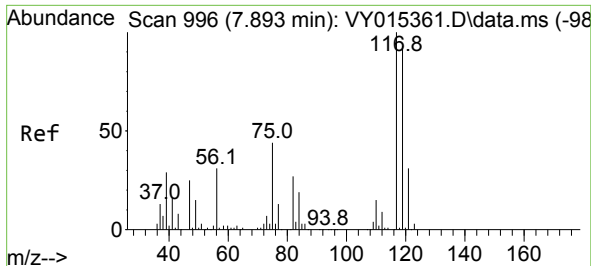
Tgt Ion:113 Resp: 70660
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

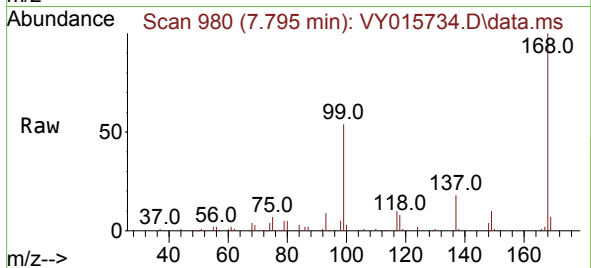
Tgt Ion: 75 Resp: 9224
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.5#
77 0.0 24.4 36.6#



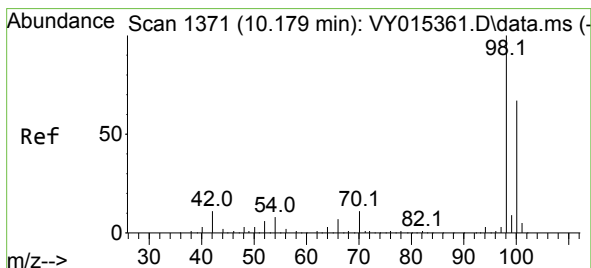
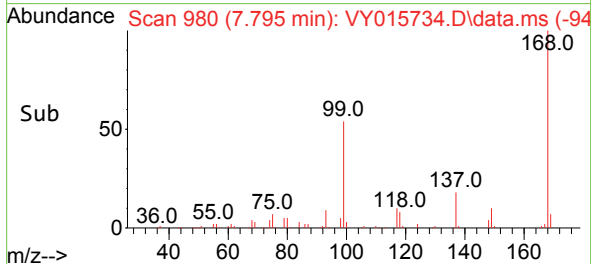
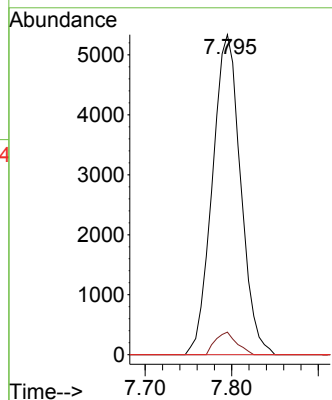


#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

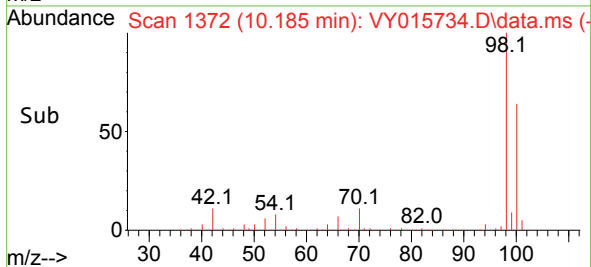
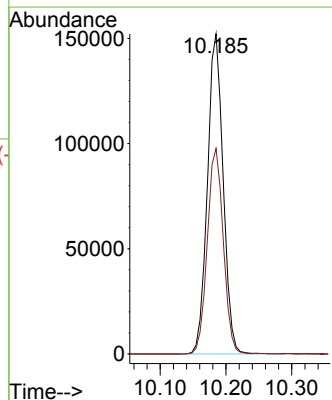
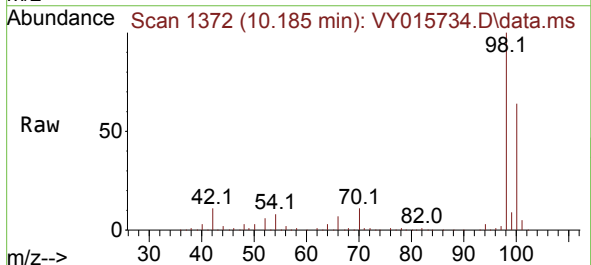


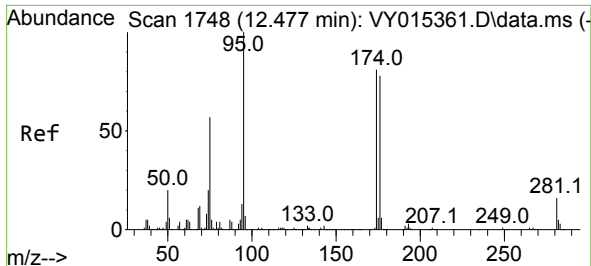
Tgt Ion:117 Resp: 12088
Ion Ratio Lower Upper
117 100
119 7.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.445 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

Tgt Ion: 98 Resp: 252968
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

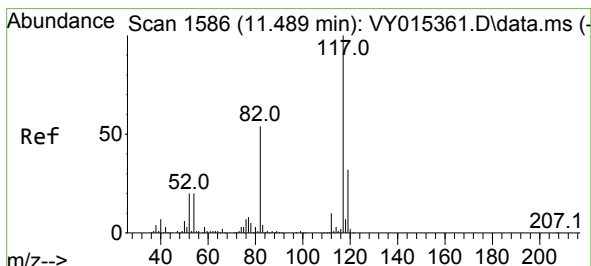
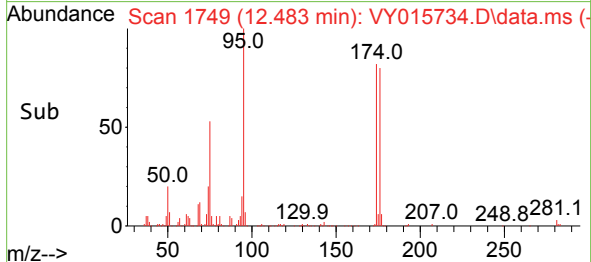
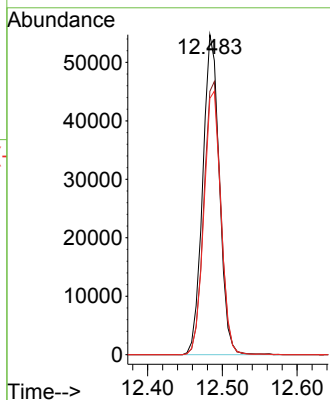
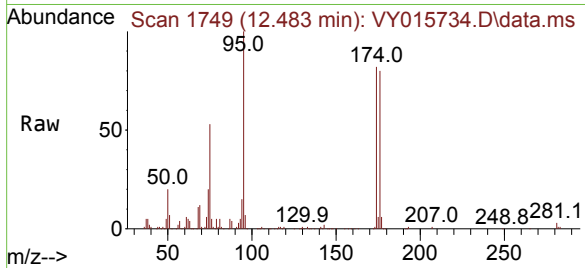




#62
4-Bromofluorobenzene
Concen: 49.818 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

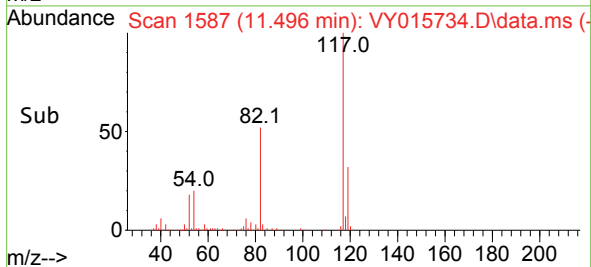
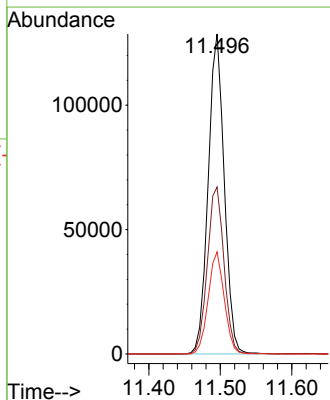
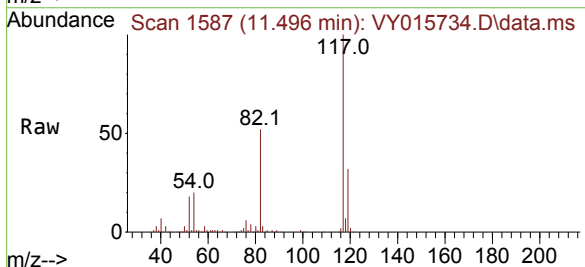
Instrument :
MSVOA_Y
ClientSampleId :

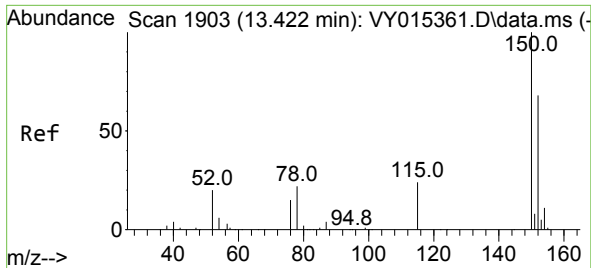
Tgt Ion: 95 Resp: 84619
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 84.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

Tgt Ion: 117 Resp: 200710
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.0
119 31.9 26.3 39.5

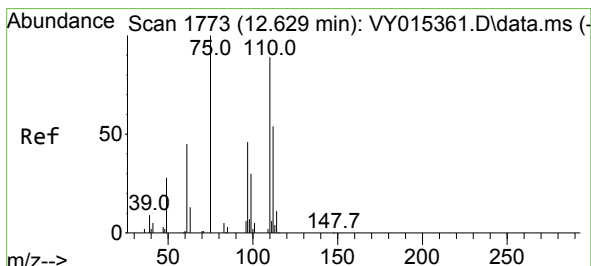
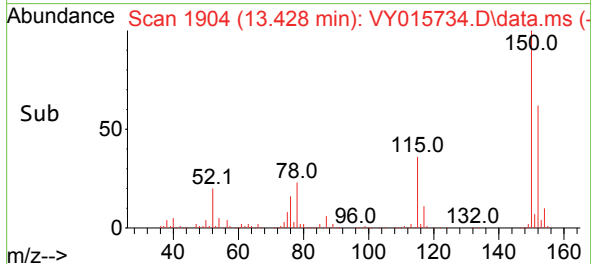
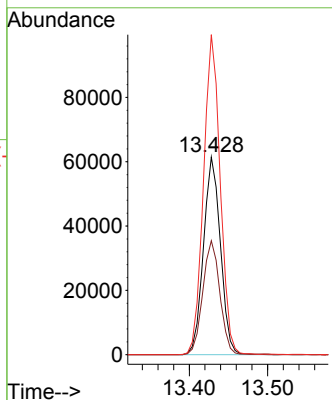
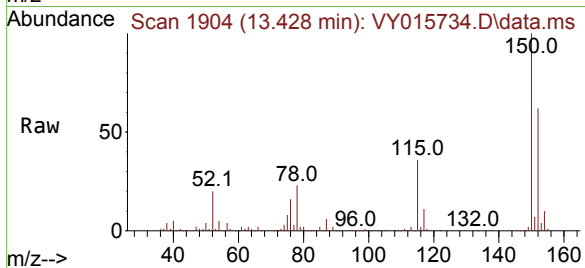




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015734.D
 Acq: 27 Sep 2023 19:04

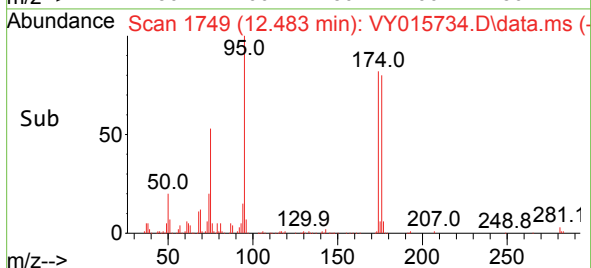
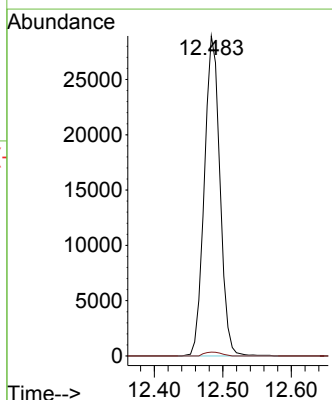
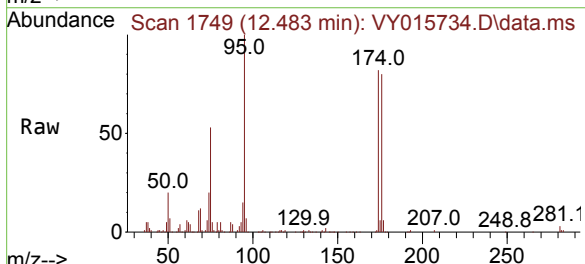
Instrument :
 MSVOA_Y
 ClientSampleId :

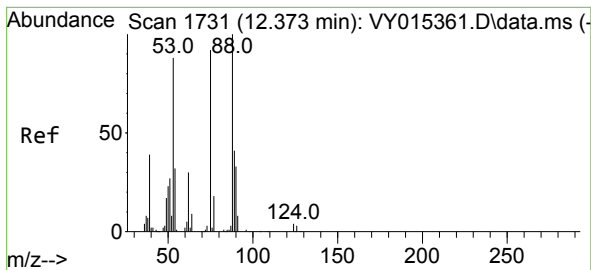
Tgt Ion:152 Resp: 92250
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 159.7 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 31.225 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015734.D
 Acq: 27 Sep 2023 19:04

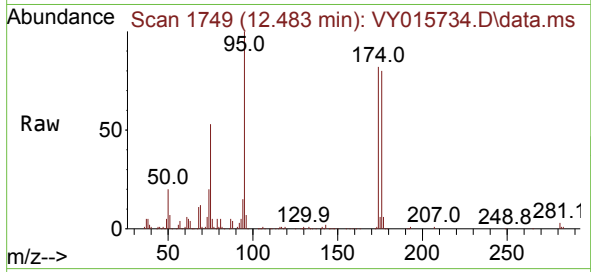
Tgt Ion: 75 Resp: 45954
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.316 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY015734.D
Acq: 27 Sep 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :



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

