

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015891.D
 Acq On : 10 Oct 2023 12:56
 Operator : SY/MD
 Sample : 04808-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:19:02 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)

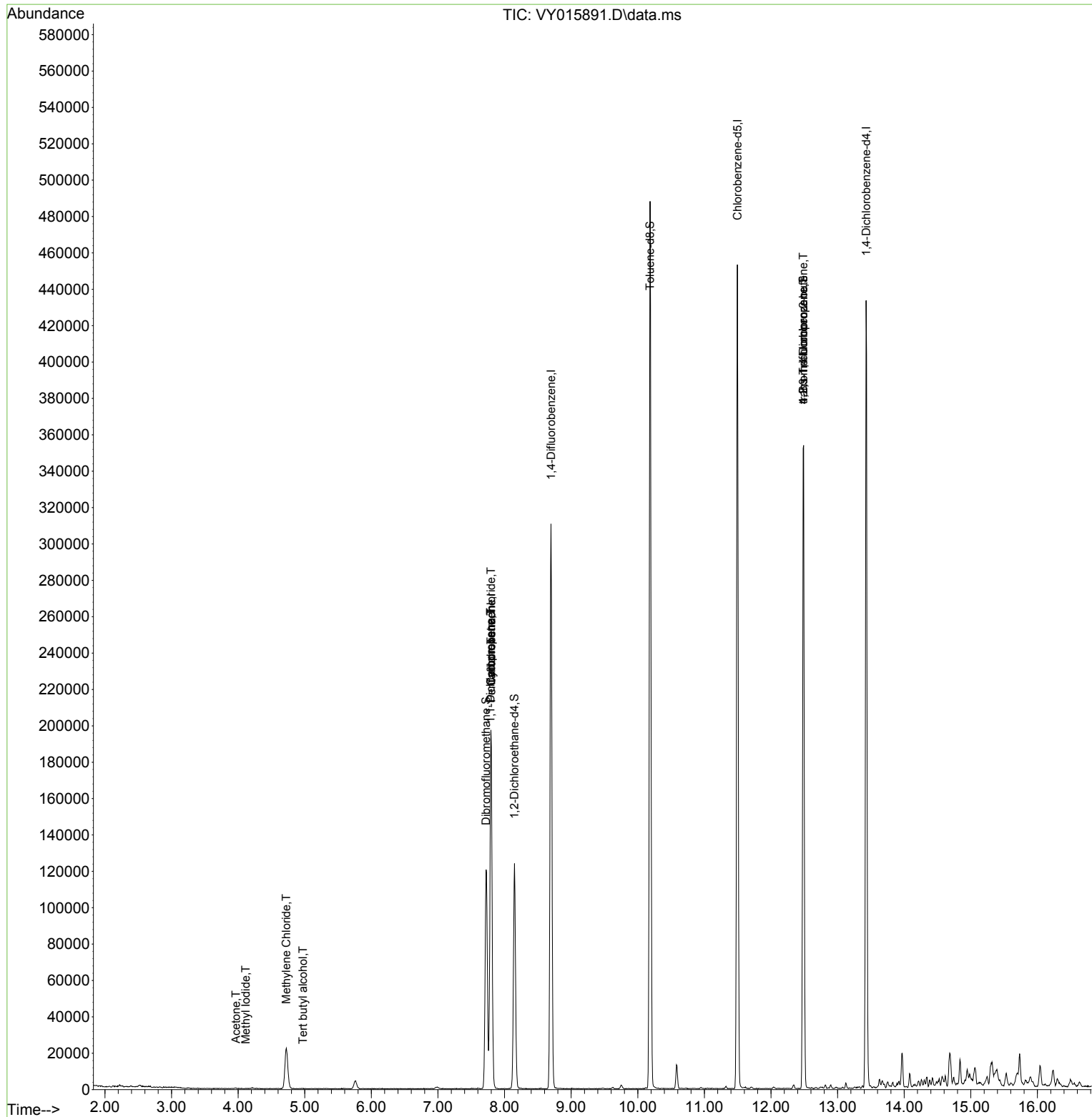
Internal Standards						
1) Pentafluorobenzene	7.801	168	156403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	269623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	248173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93026	66.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.200%
35) Dibromofluoromethane	7.722	113	87699	58.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.620%
50) Toluene-d8	10.185	98	320282	64.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	129.240%
62) 4-Bromofluorobenzene	12.483	95	108222	53.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.520%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	127	2.376	ug/l #	38
11) Tert butyl alcohol	4.973	59	45	10.952	ug/l #	89
16) Acetone	3.967	43	453	6.829	ug/l #	83
20) Methylene Chloride	4.723	84	18005	3.529	ug/l	87
31) Cyclohexane	7.795	56	2946	1.955	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11488	6.897	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15063	7.530	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	55307	41.828	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55307	92.753	ug/l #	11

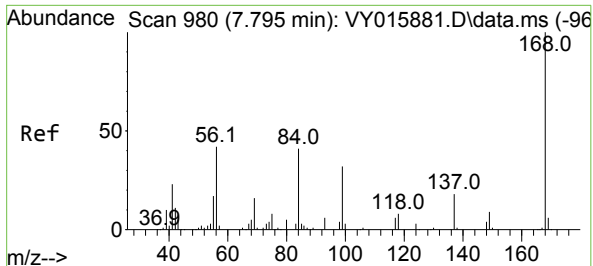
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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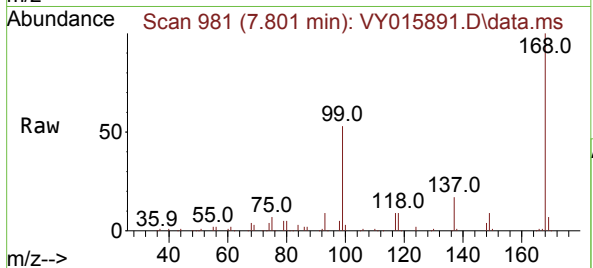
Quant Time: Oct 11 01:19:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
Response via : Initial Calibration



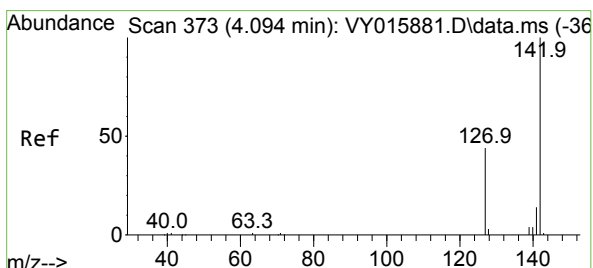
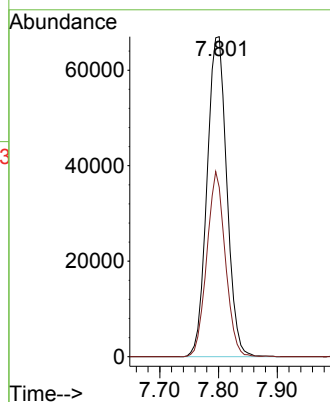
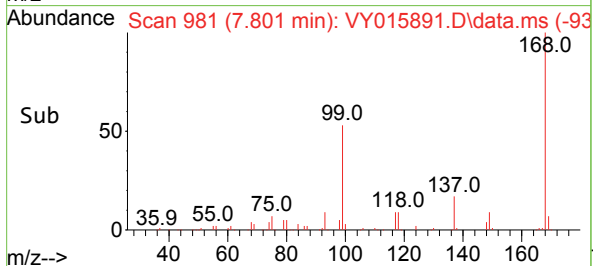


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

Instrument :
MSVOA_Y
ClientSampleId :

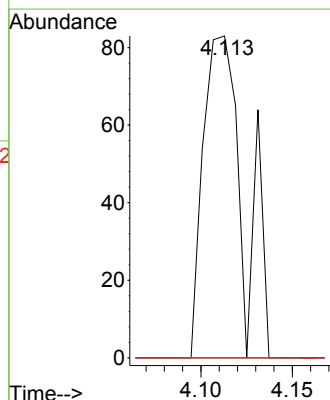
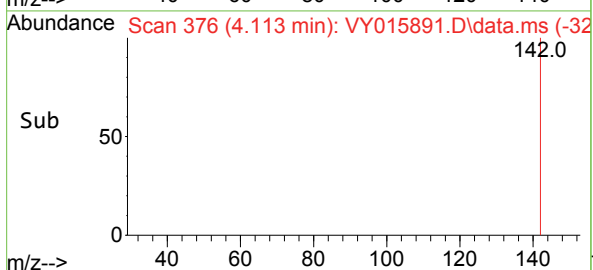
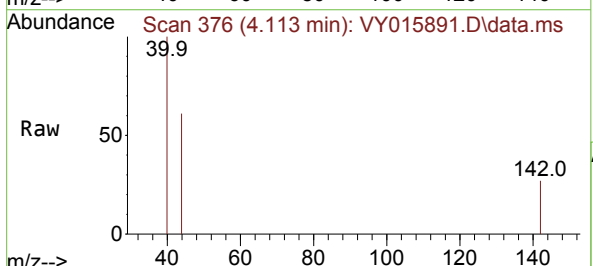


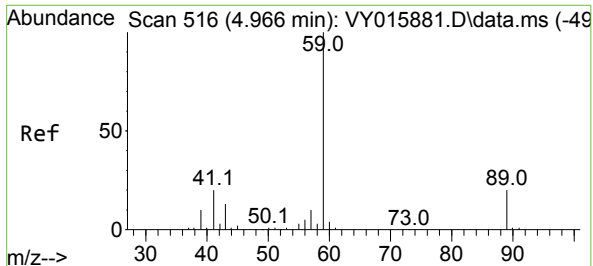
Tgt Ion:168 Resp: 156403
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.376 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.019 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

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





#11

Tert butyl alcohol

Concen: 10.952 ug/l

RT: 4.973 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015891.D

Acq: 10 Oct 2023 12:56

Instrument :

MSVOA_Y

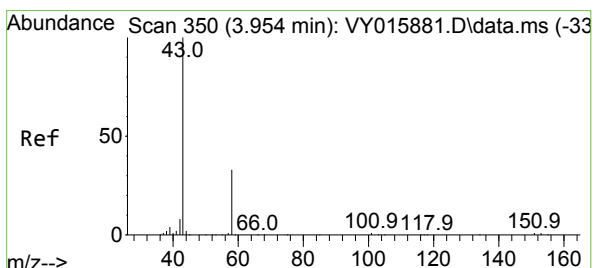
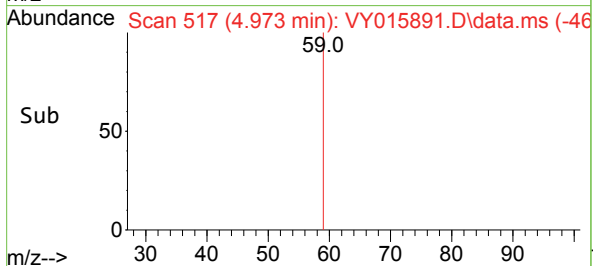
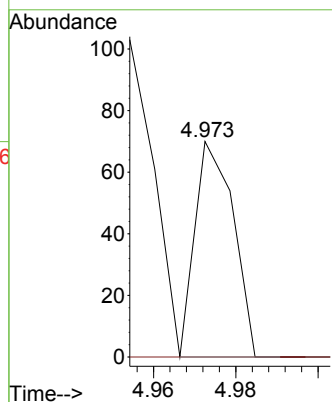
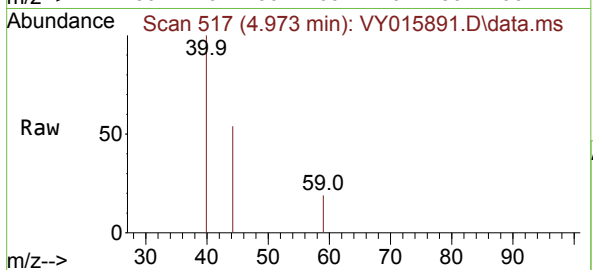
ClientSampleId :

Tgt Ion: 59 Resp: 45

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 6.829 ug/l

RT: 3.967 min Scan# 352

Delta R.T. 0.013 min

Lab File: VY015891.D

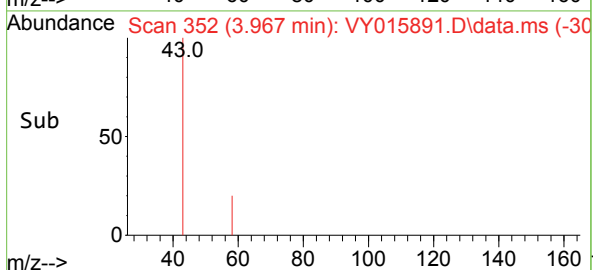
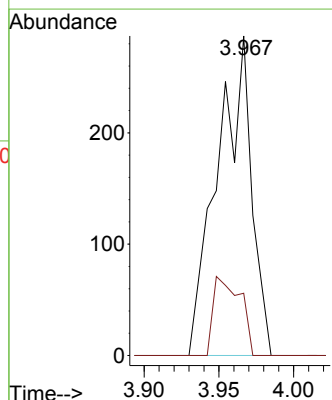
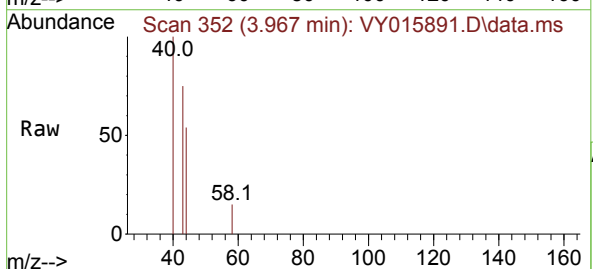
Acq: 10 Oct 2023 12:56

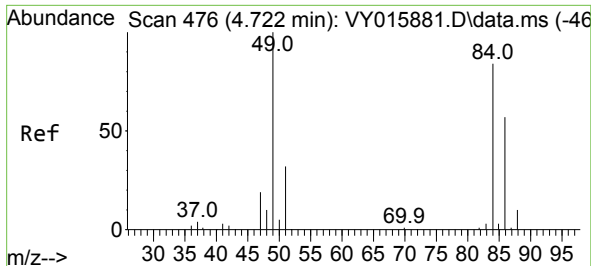
Tgt Ion: 43 Resp: 453

Ion Ratio Lower Upper

43 100

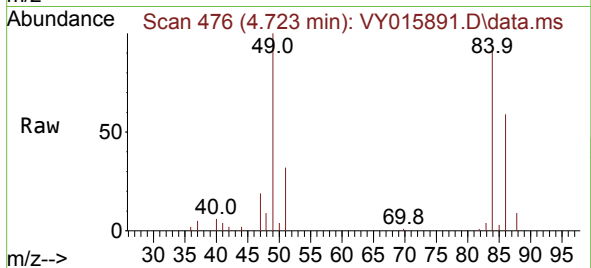
58 19.5 22.7 34.1#



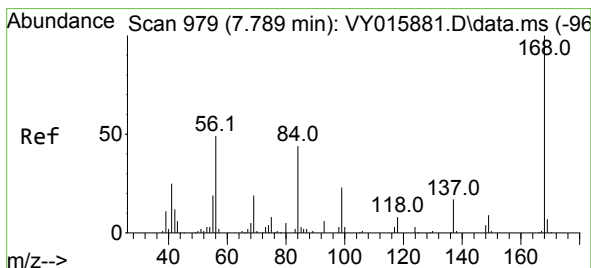
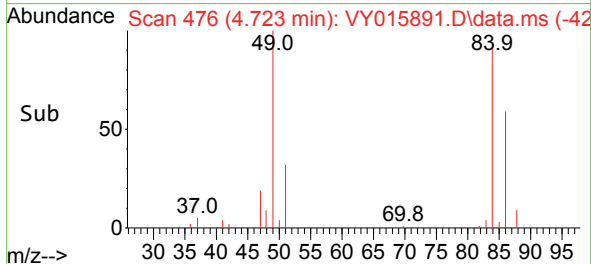
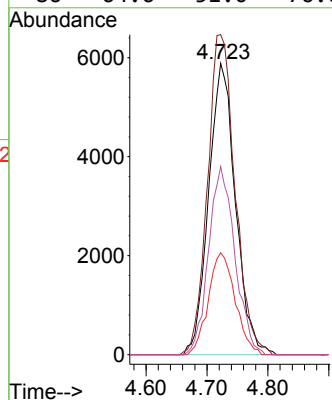


#20
Methylene Chloride
Concen: 3.529 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.001 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

Instrument :
MSVOA_Y
ClientSampleId :

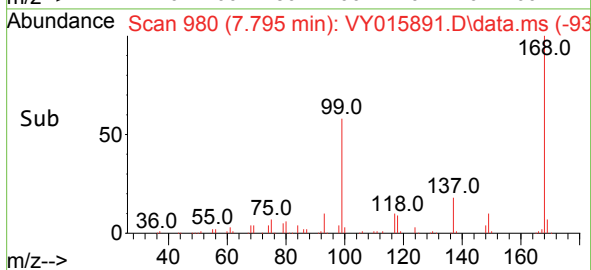
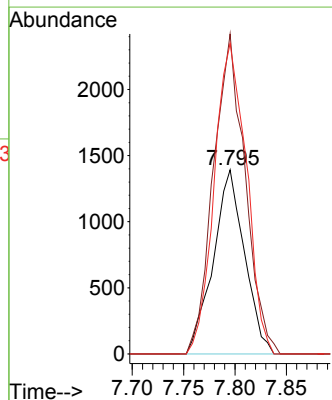
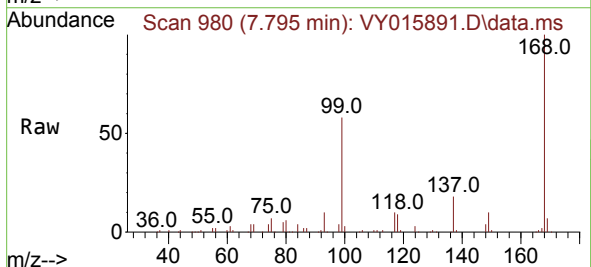


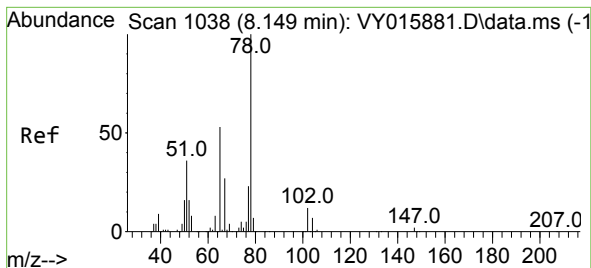
Tgt Ion:	84	Resp:	18005
Ion	Ratio	Lower	Upper
84	100		
49	109.9	106.9	160.3
51	35.0	33.2	49.8
86	64.6	51.0	76.6



#31
Cyclohexane
Concen: 1.955 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

Tgt Ion:	56	Resp:	2946
Ion	Ratio	Lower	Upper
56	100		
69	173.9	27.8	41.6#
84	168.8	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 66.102 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015891.D

Acq: 10 Oct 2023 12:56

Instrument :

MSVOA_Y

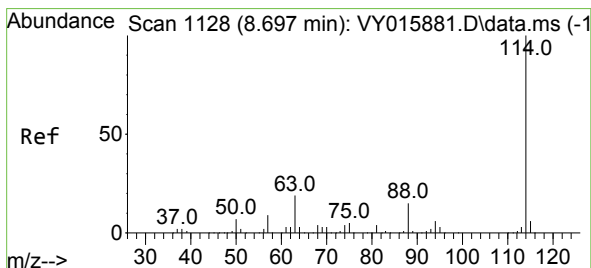
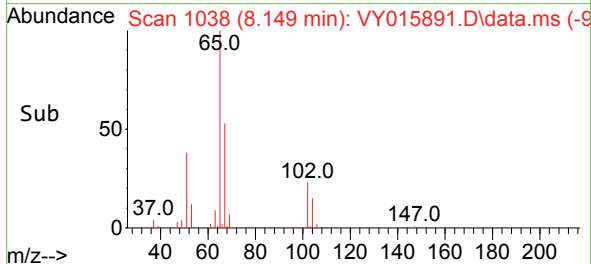
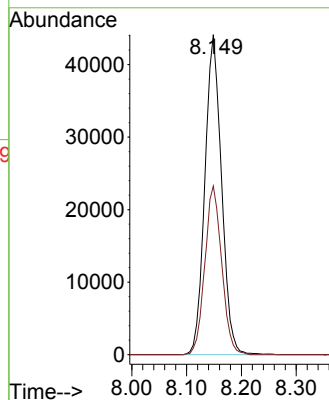
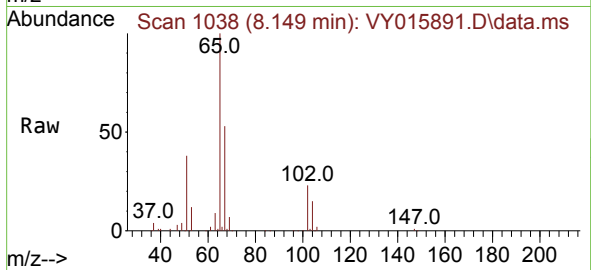
ClientSampleId :

Tgt Ion: 65 Resp: 93026

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015891.D

Acq: 10 Oct 2023 12:56

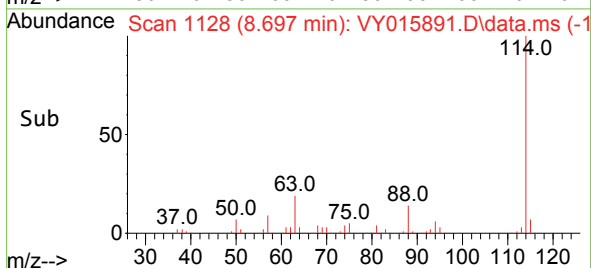
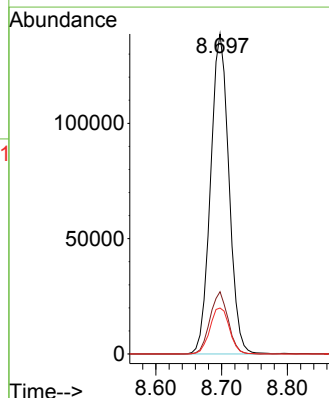
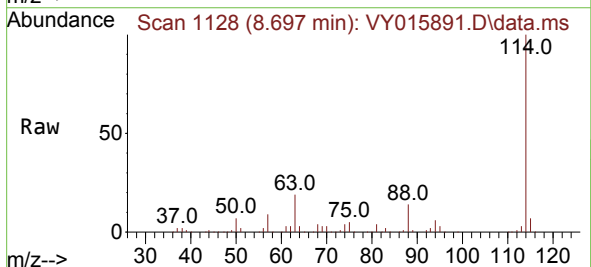
Tgt Ion:114 Resp: 269623

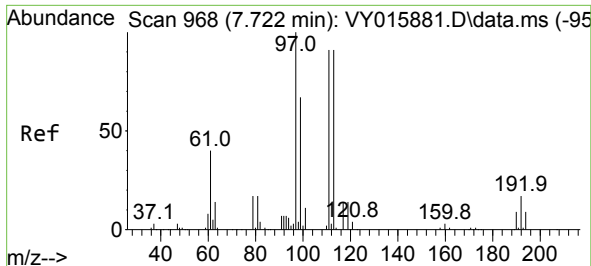
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.4 0.0 30.6

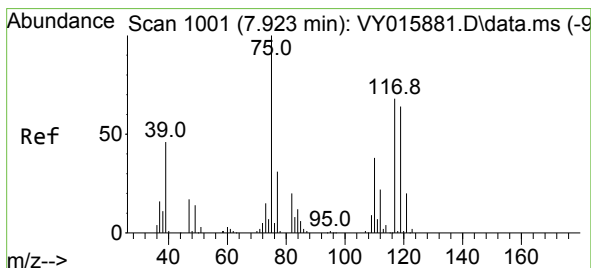
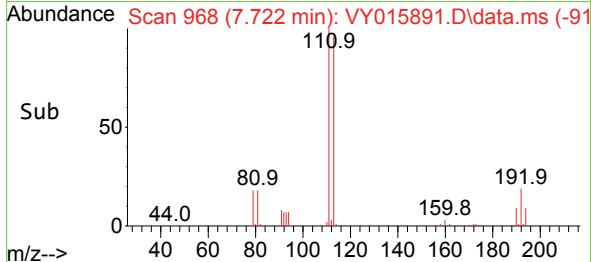
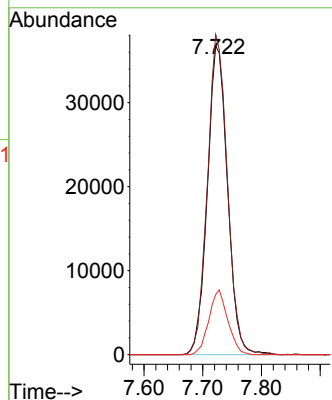
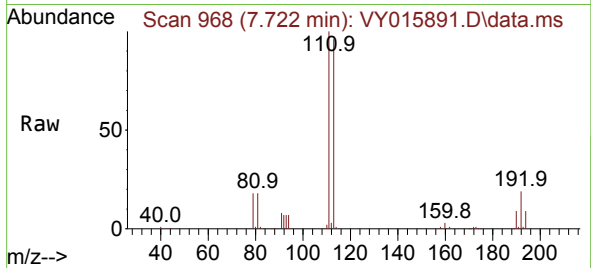




#35
Dibromofluoromethane
Concen: 58.315 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

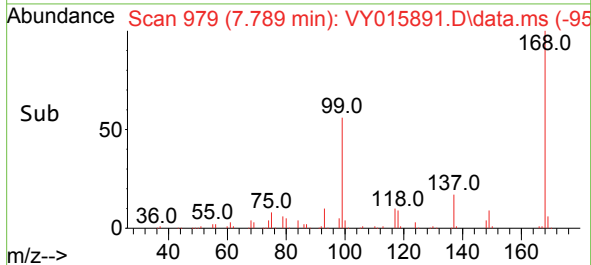
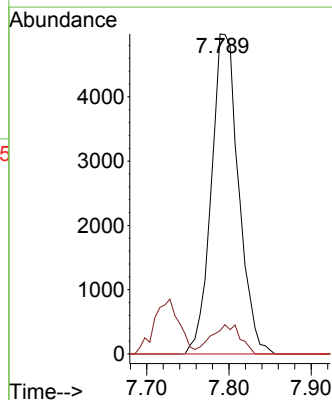
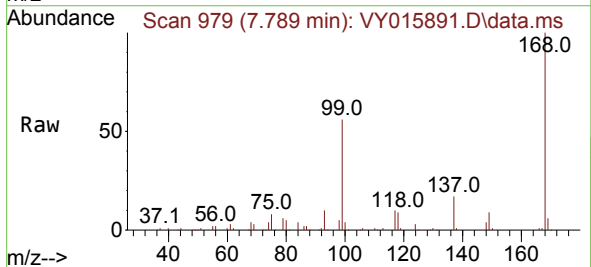
Instrument :
MSVOA_Y
ClientSampleId :

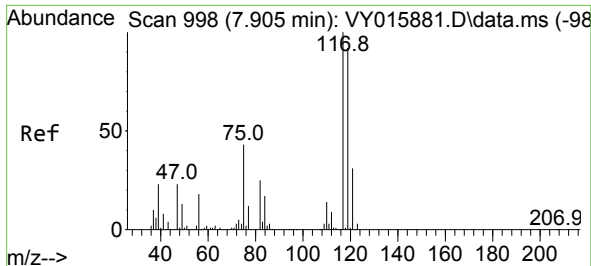
Tgt Ion:113 Resp: 87699
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.897 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

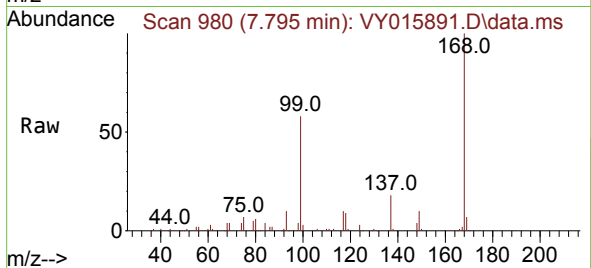
Tgt Ion: 75 Resp: 11488
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



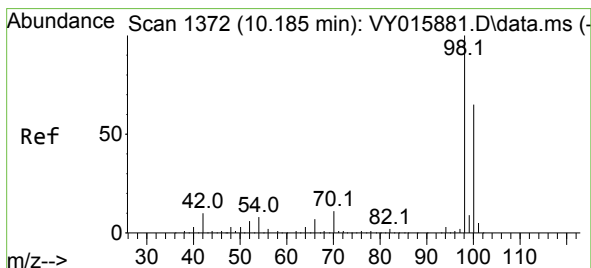
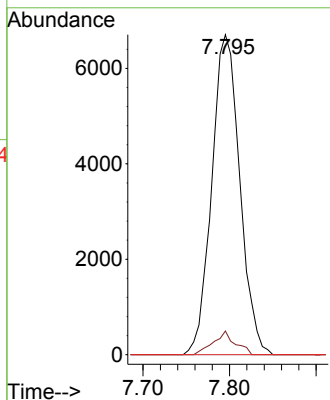
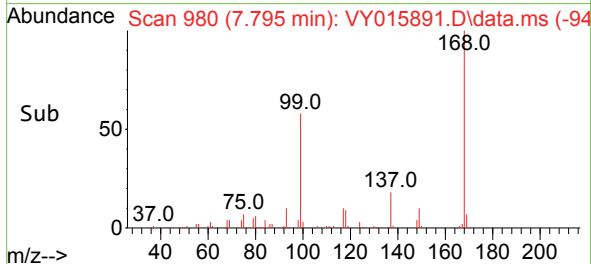


#38
Carbon Tetrachloride
Concen: 7.530 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

Instrument :
MSVOA_Y
ClientSampleId :

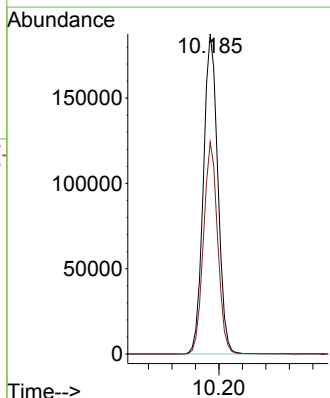
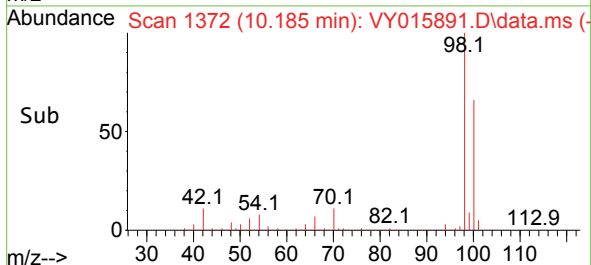
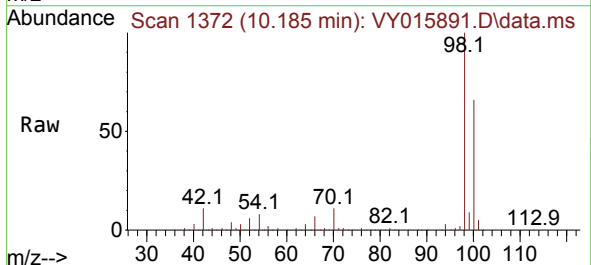


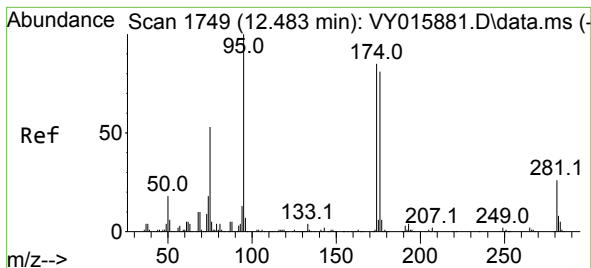
Tgt Ion:117 Resp: 15063
Ion Ratio Lower Upper
117 100
119 7.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 64.620 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

Tgt Ion: 98 Resp: 320282
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

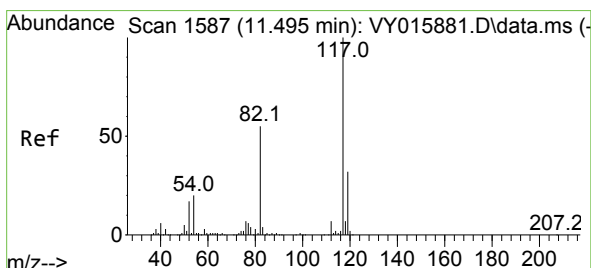
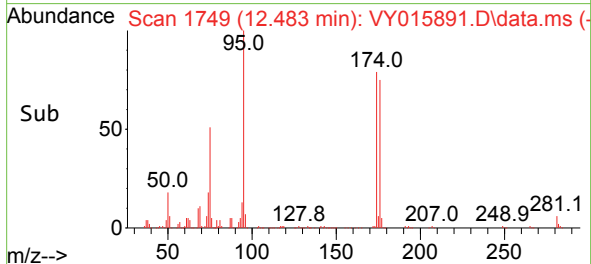
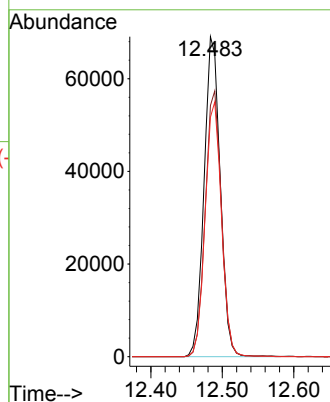
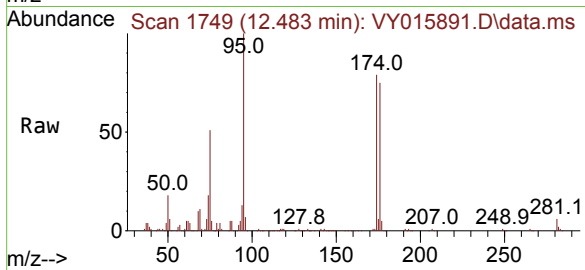




#62
4-Bromofluorobenzene
Concen: 53.757 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

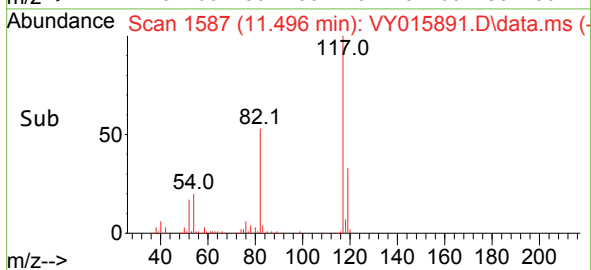
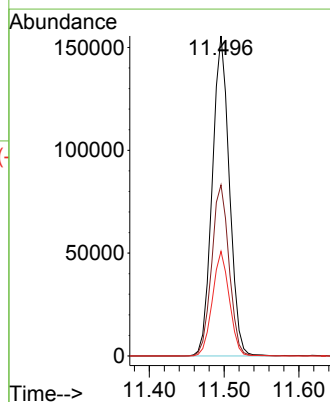
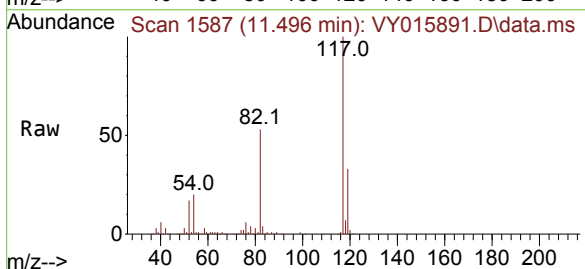
Instrument :
MSVOA_Y
ClientSampleId :

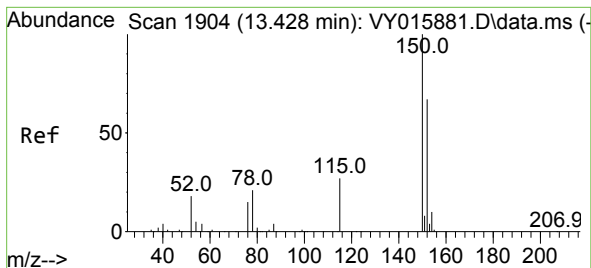
Tgt Ion: 95 Resp: 108222
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

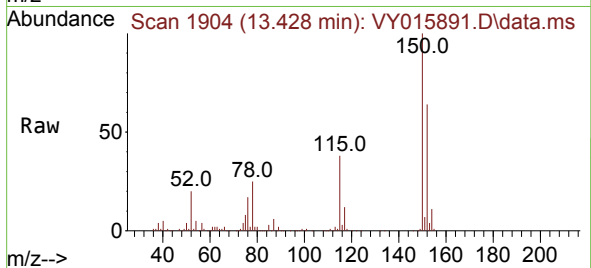
Tgt Ion: 117 Resp: 248173
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.7 26.3 39.5



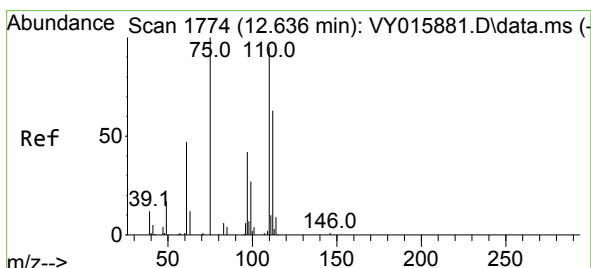
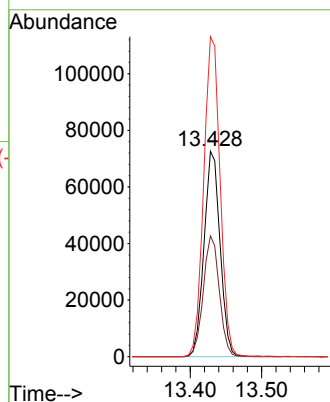
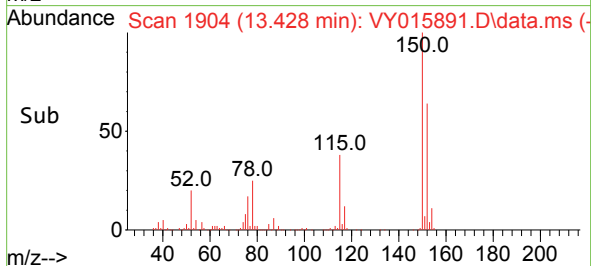


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

Instrument :
MSVOA_Y
ClientSampleId :

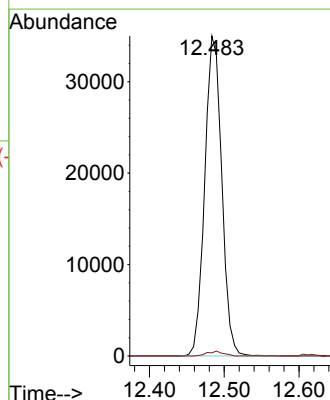
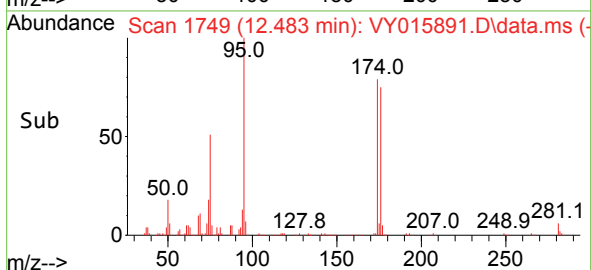
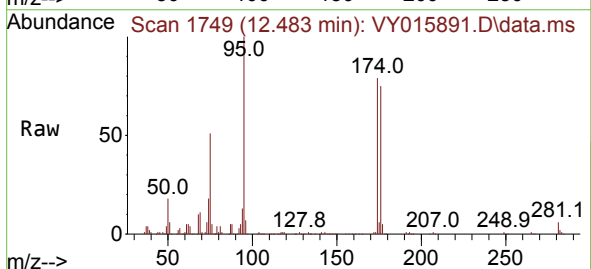


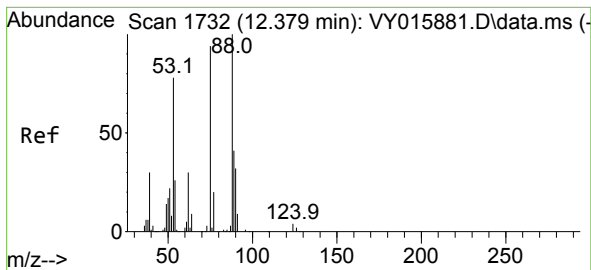
Tgt Ion:152 Resp: 113267
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 159.3 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.828 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY015891.D
Acq: 10 Oct 2023 12:56

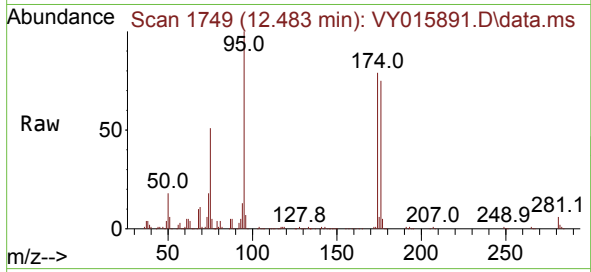
Tgt Ion: 75 Resp: 55307
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.753 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015891.D
 Acq: 10 Oct 2023 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 55307
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

