

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015839.D
 Acq On : 04 Oct 2023 19:47
 Operator : SY/MD
 Sample : 04731-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 05 06:59:05 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)

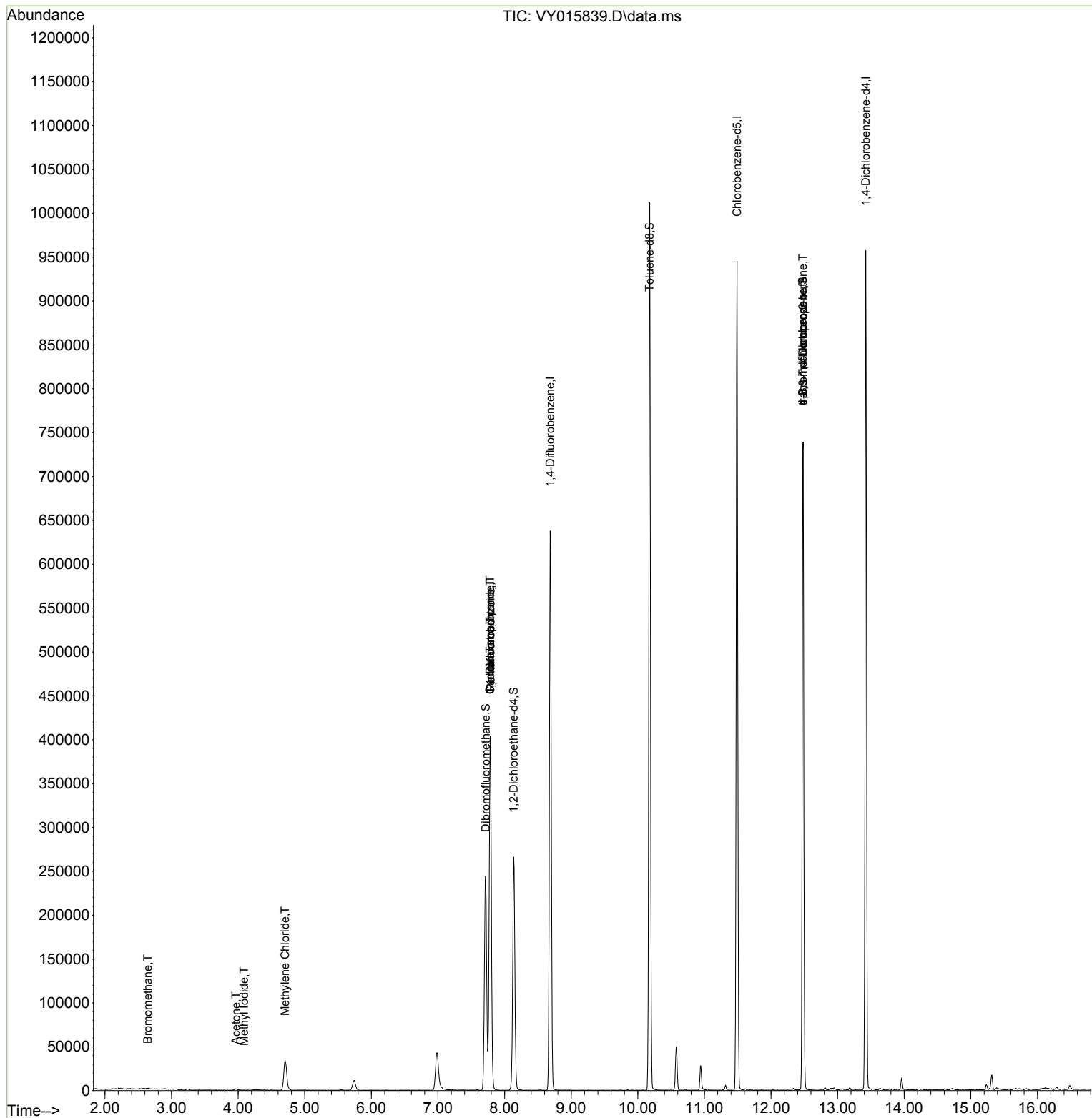
Internal Standards						
1) Pentafluorobenzene	7.789	168	319056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	552007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	505957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	238726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	202218	57.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.200%	
35) Dibromofluoromethane	7.716	113	174477	52.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.620%	
50) Toluene-d8	10.179	98	647919	57.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.680%	
62) 4-Bromofluorobenzene	12.477	95	227487	51.746	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.500%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.644	94	151	2.604	ug/l	89
10) Methyl Iodide	4.088	142	43	2.740	ug/l #	38
11) Tert butyl alcohol	4.985	59	592	Below Cal	#	89
16) Acetone	3.966	43	3351	1.784	ug/l	99
20) Methylene Chloride	4.704	84	26386	1.742	ug/l	92
31) Cyclohexane	7.783	56	6341	1.304	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	25060	5.130	ug/l #	50
38) Carbon Tetrachloride	7.783	117	30946	5.836	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	119594	31.402	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	119594	70.714	ug/l #	11

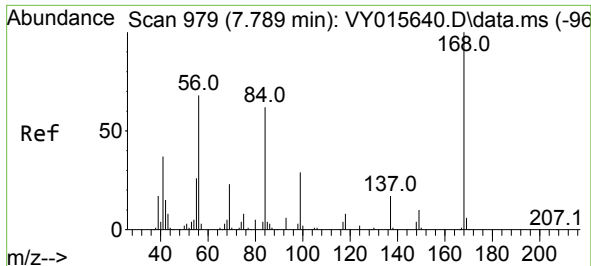
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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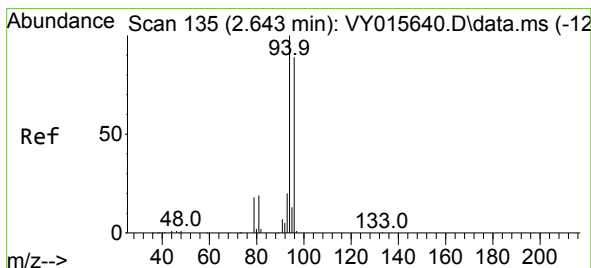
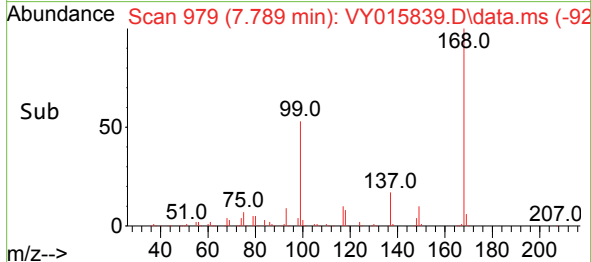
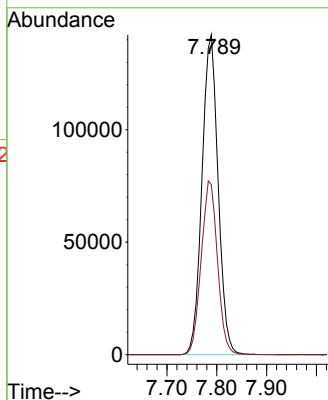
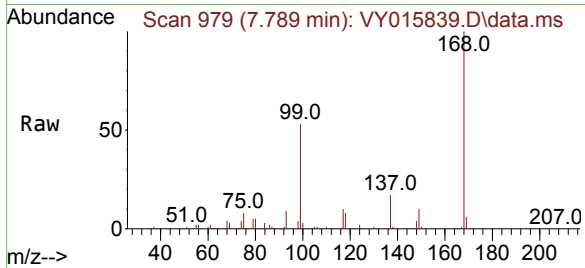




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

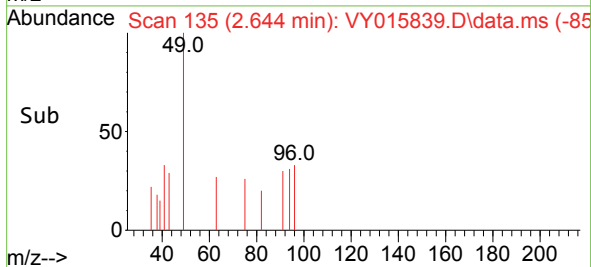
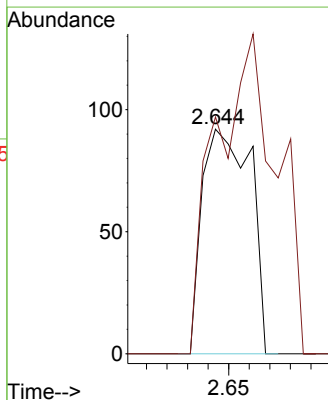
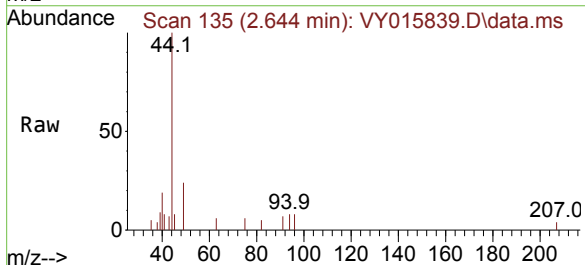
Instrument :
MSVOA_Y
ClientSampleId :

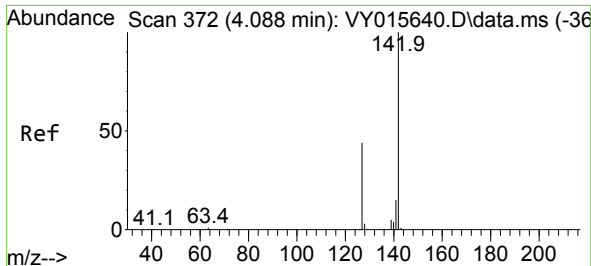
Tgt Ion:168 Resp: 319056
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#5
Bromomethane
Concen: 2.604 ug/l
RT: 2.644 min Scan# 135
Delta R.T. 0.007 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

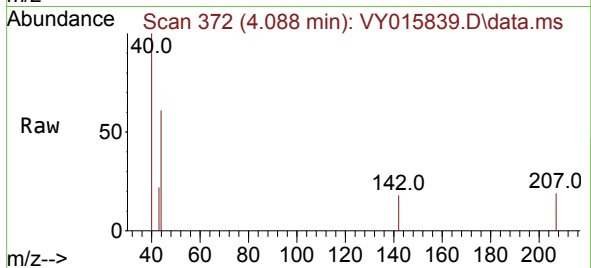
Tgt Ion: 94 Resp: 151
Ion Ratio Lower Upper
94 100
96 105.4 75.8 113.6



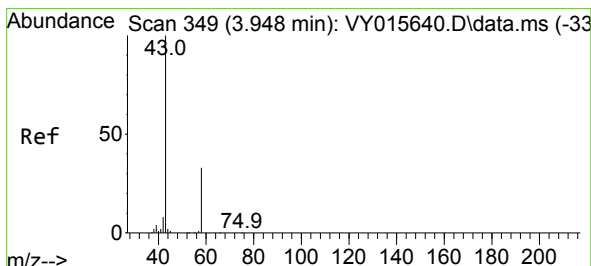
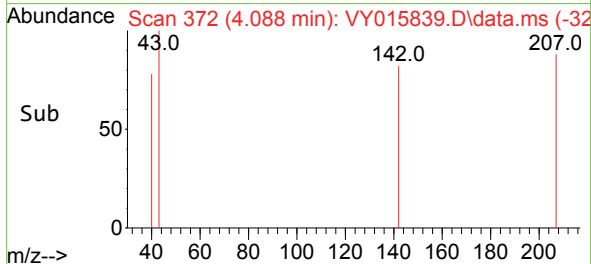
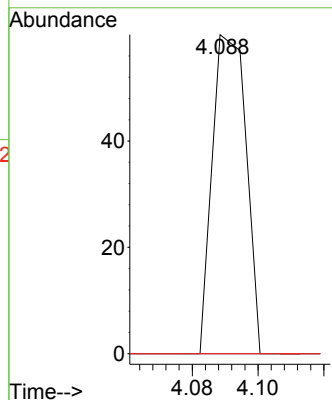


#10
Methyl Iodide
Concen: 2.740 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

Instrument :
MSVOA_Y
ClientSampleId :

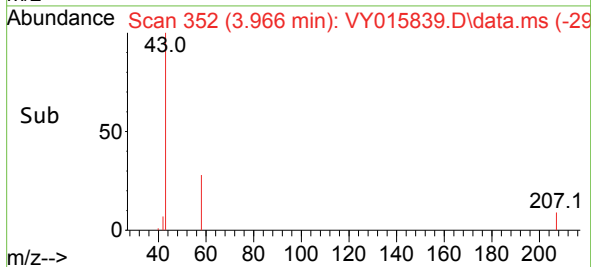
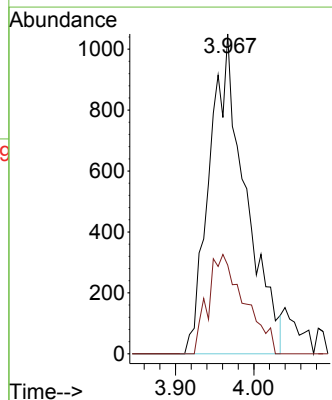
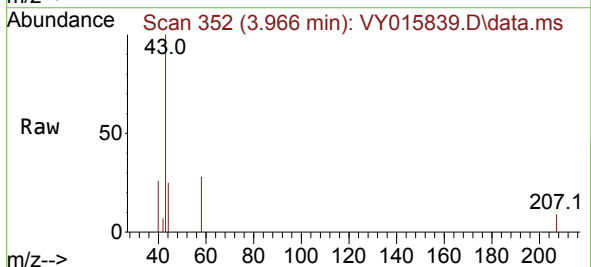


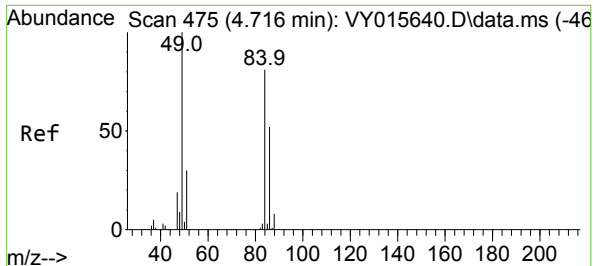
Tgt Ion:142 Resp: 43
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.784 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

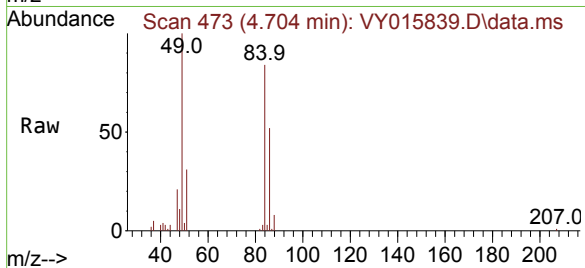
Tgt Ion: 43 Resp: 3351
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1



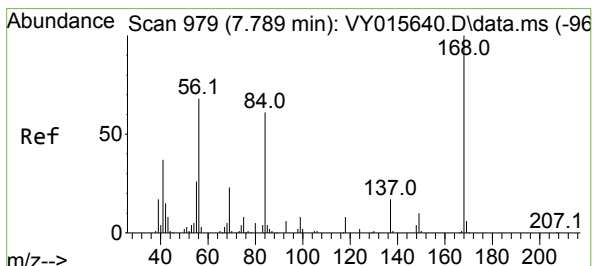
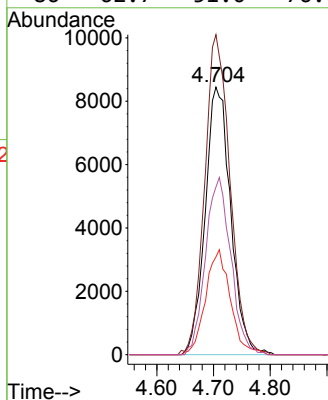
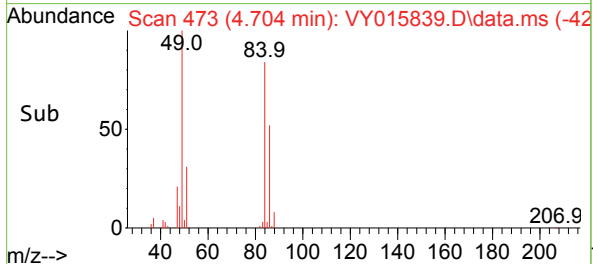


#20
Methylene Chloride
Concen: 1.742 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

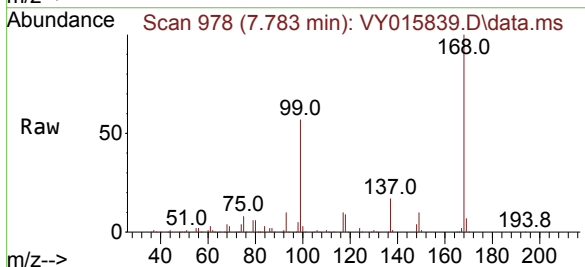
Instrument :
MSVOA_Y
ClientSampleId :



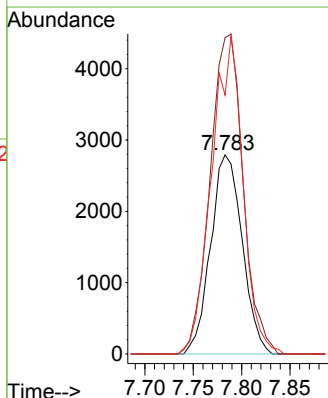
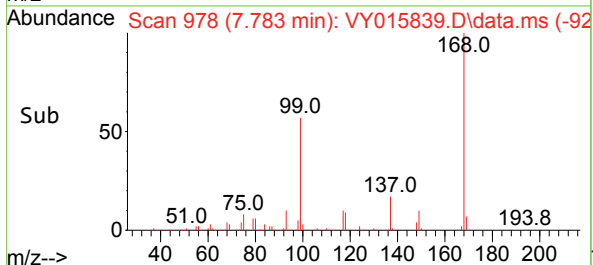
Tgt Ion:	84	Resp:	26386
Ion	Ratio	Lower	Upper
84	100		
49	119.6	106.9	160.3
51	36.5	33.2	49.8
86	62.7	51.0	76.6

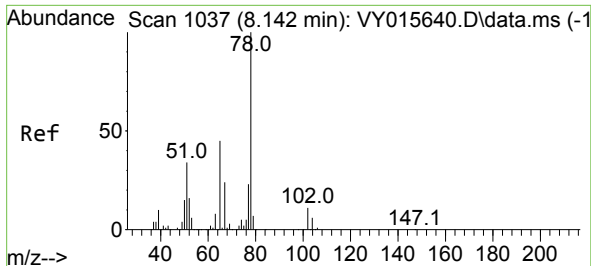


#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47



Tgt Ion:	56	Resp:	6341
Ion	Ratio	Lower	Upper
56	100		
69	158.9	27.8	41.6#
84	129.9	66.4	99.6#

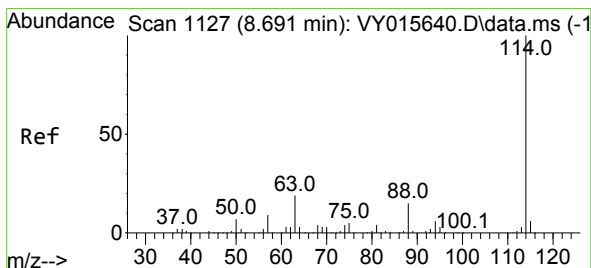
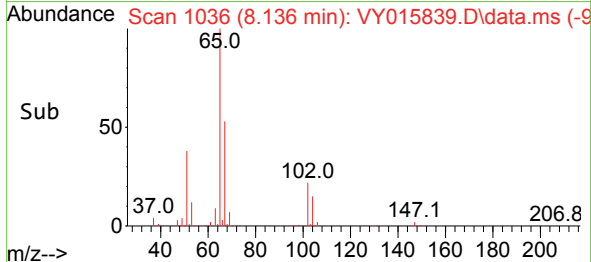
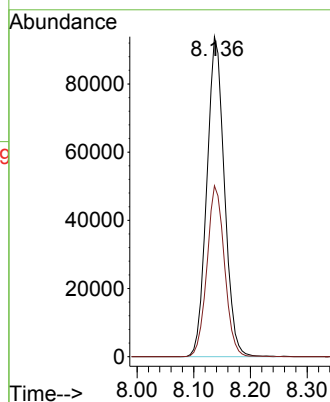
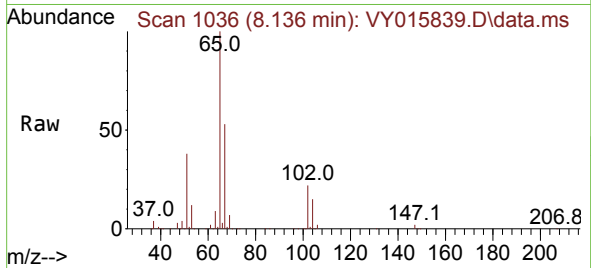




#33
 1,2-Dichloroethane-d4
 Concen: 57.604 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015839.D
 Acq: 04 Oct 2023 19:47

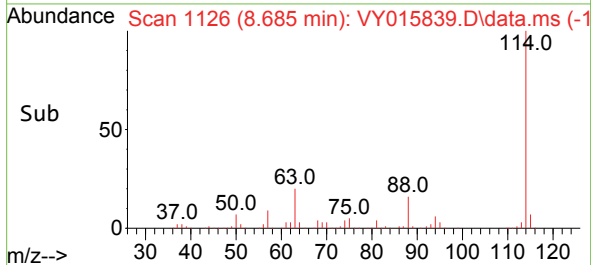
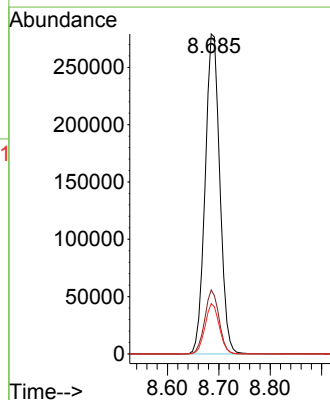
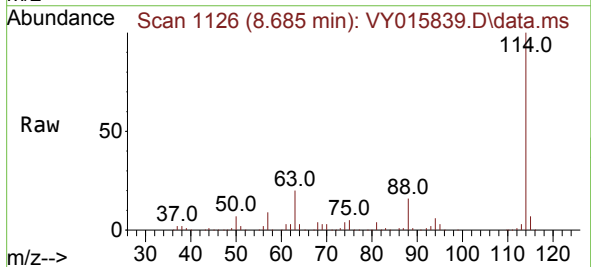
Instrument :
 MSVOA_Y
 ClientSampleId :

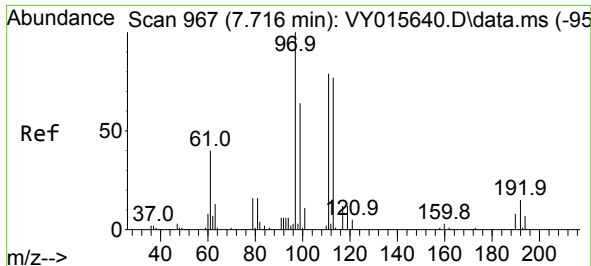
Tgt Ion: 65 Resp: 202218
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015839.D
 Acq: 04 Oct 2023 19:47

Tgt Ion: 114 Resp: 552007
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 15.8 0.0 30.6

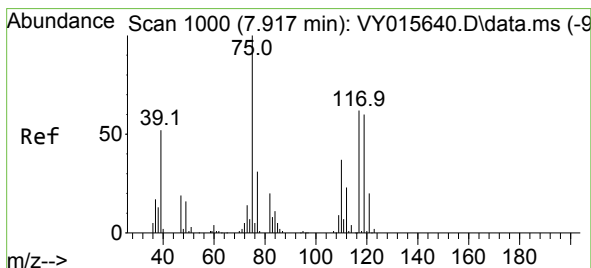
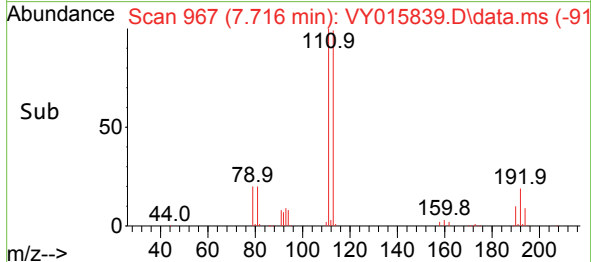
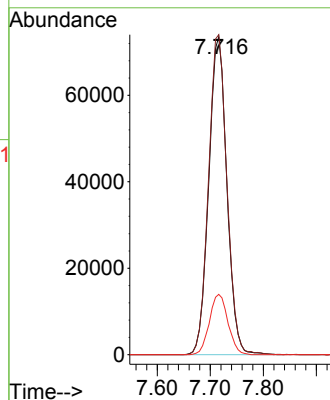
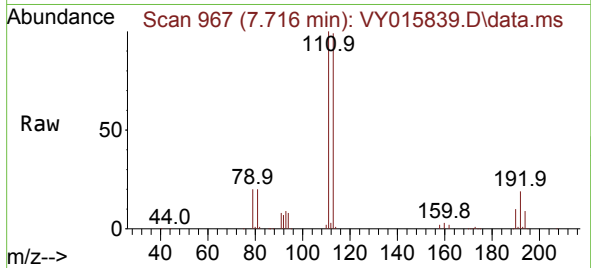




#35
Dibromofluoromethane
Concen: 52.809 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

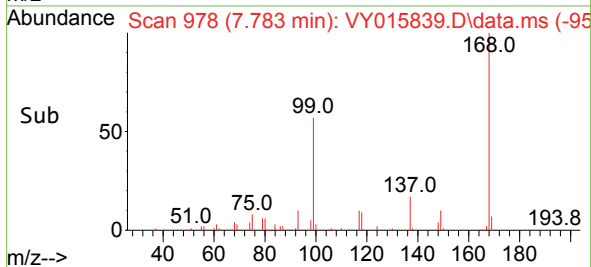
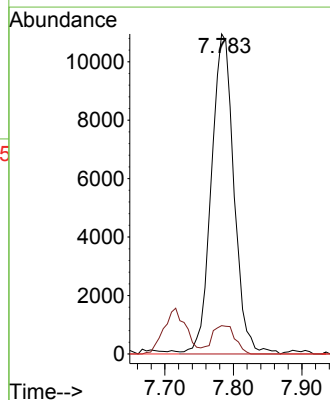
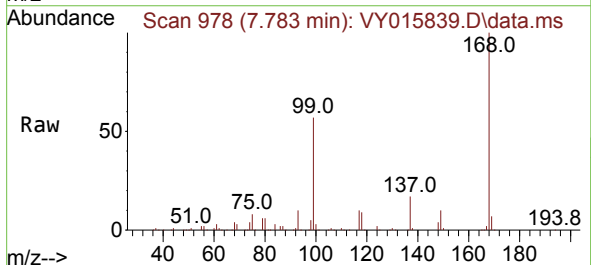
Instrument :
MSVOA_Y
ClientSampleId :

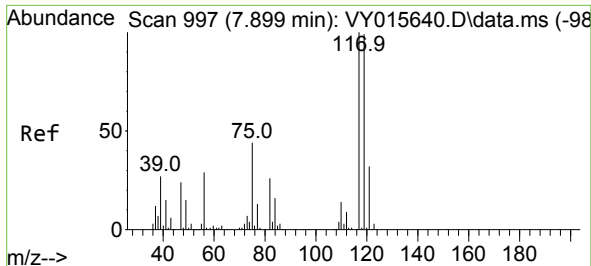
Tgt Ion:113 Resp: 174477
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

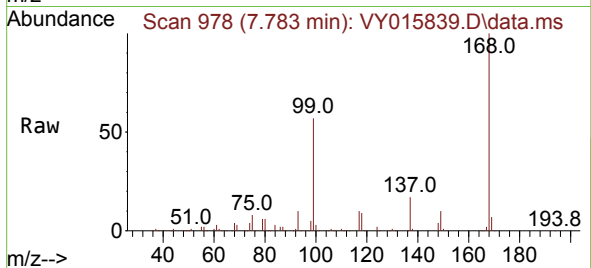
Tgt Ion: 75 Resp: 25060
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



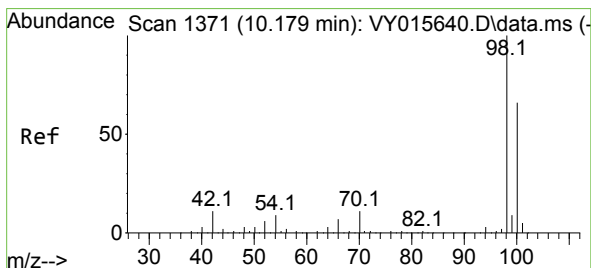
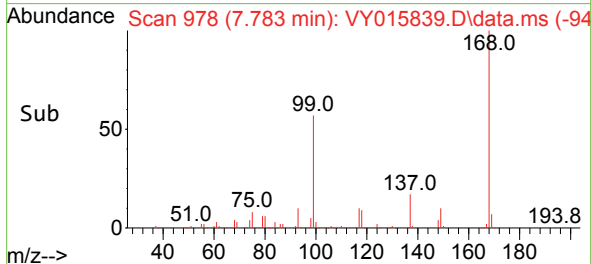
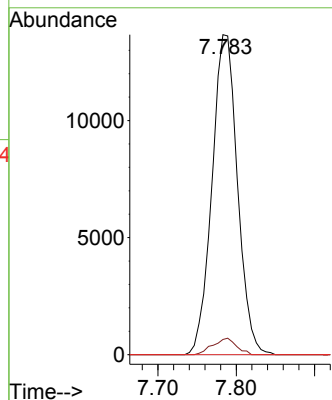


#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

Instrument :
MSVOA_Y
ClientSampleId :

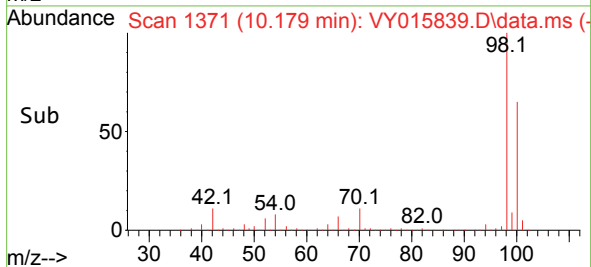
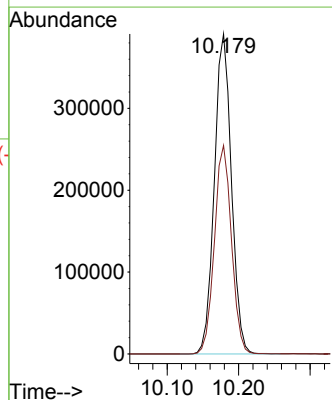
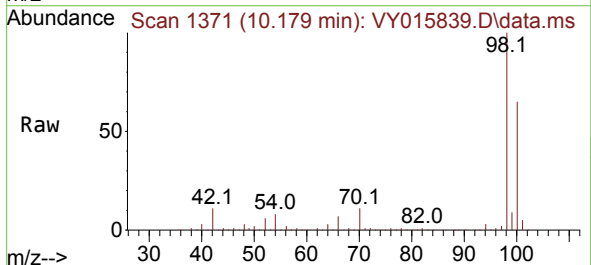


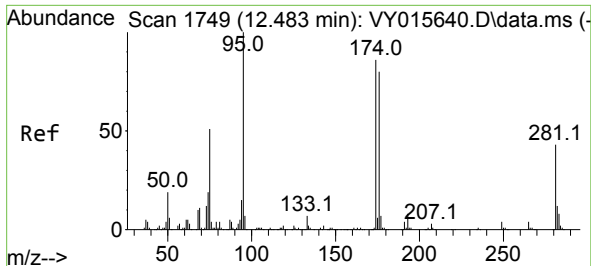
Tgt Ion:117 Resp: 30946
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 57.837 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

Tgt Ion: 98 Resp: 647919
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

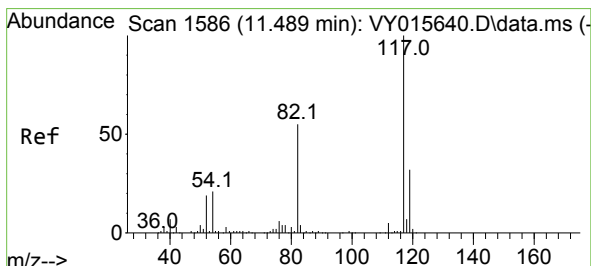
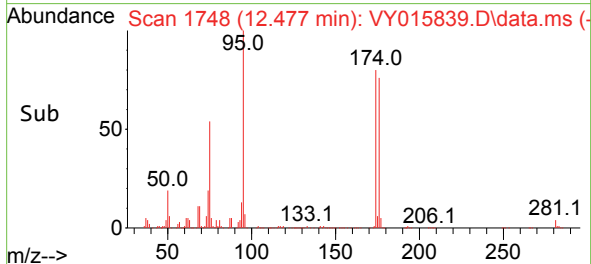
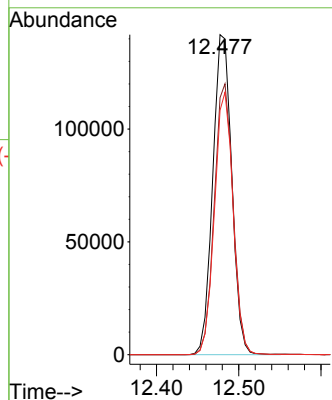
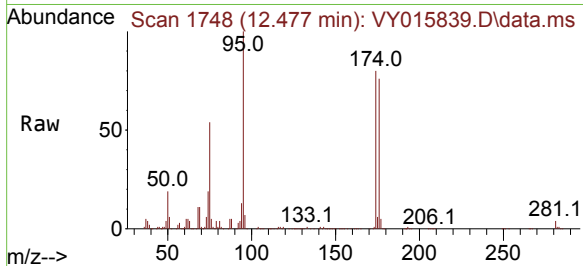




#62
4-Bromofluorobenzene
Concen: 51.746 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

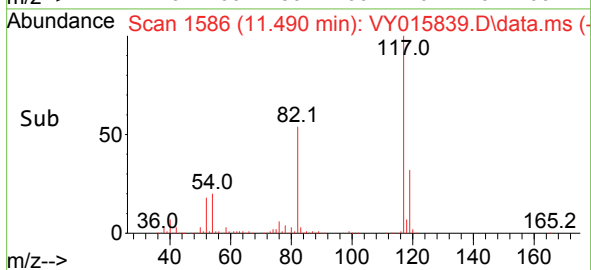
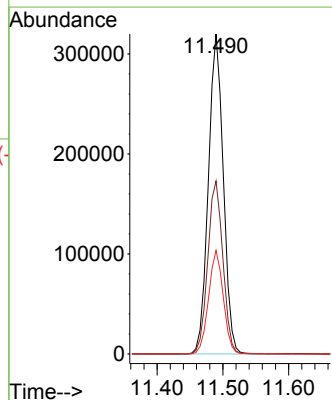
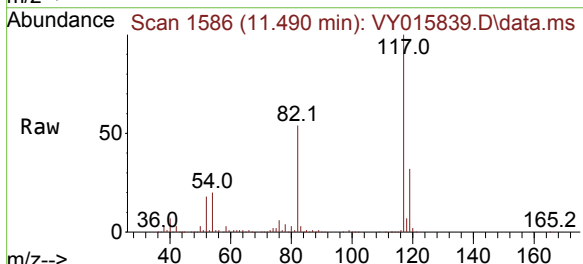
Instrument :
MSVOA_Y
ClientSampleId :

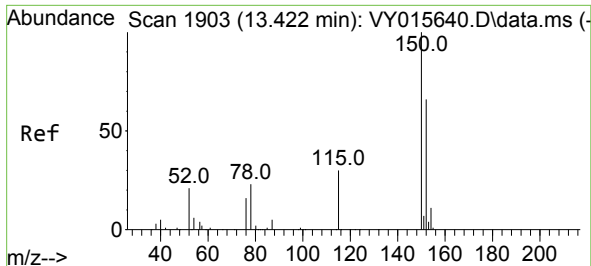
Tgt Ion: 95 Resp: 227487
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 80.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

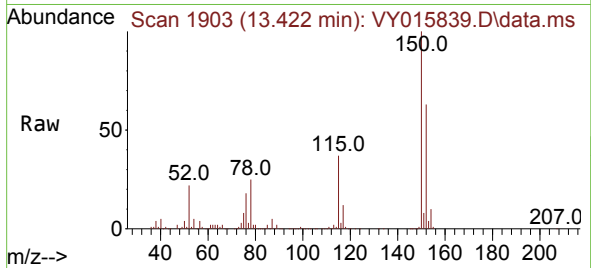
Tgt Ion: 117 Resp: 505957
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.3 26.3 39.5



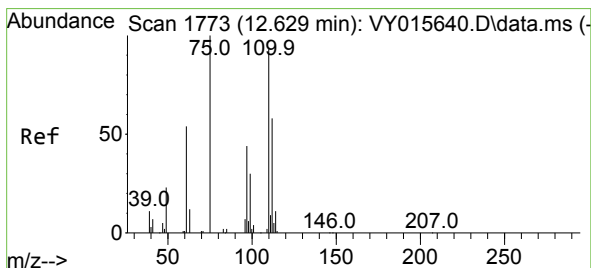
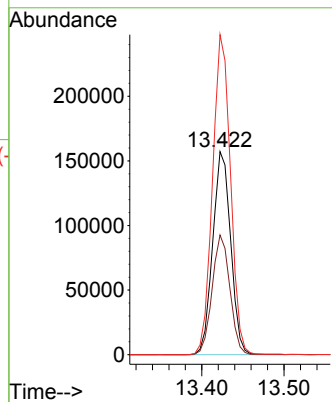
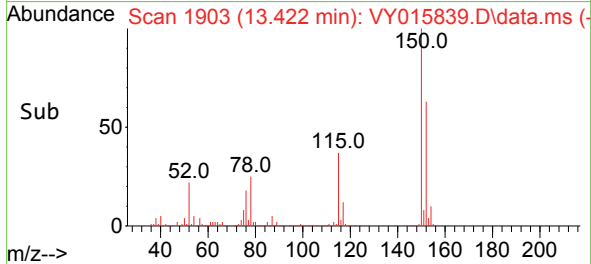


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015839.D
 Acq: 04 Oct 2023 19:47

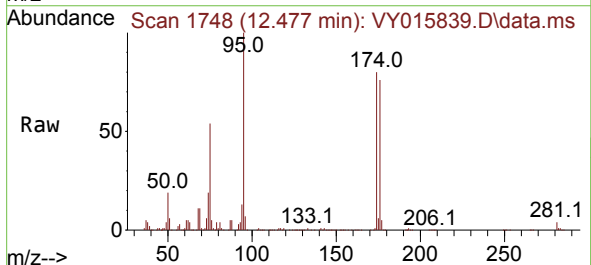
Instrument :
 MSVOA_Y
 ClientSampleId :



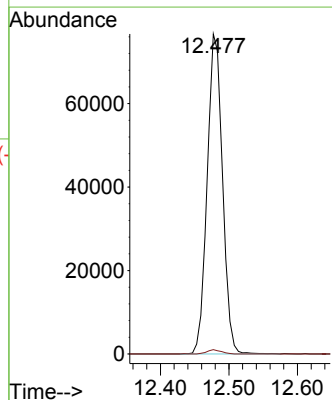
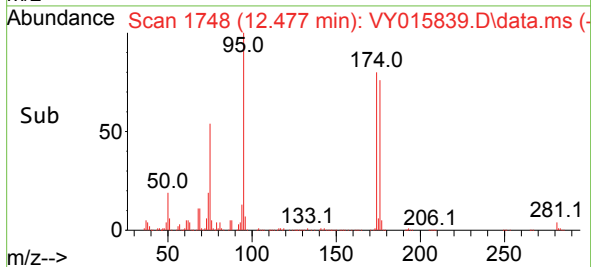
Tgt Ion:152 Resp: 238726
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.5
 150 157.2 0.0 348.8

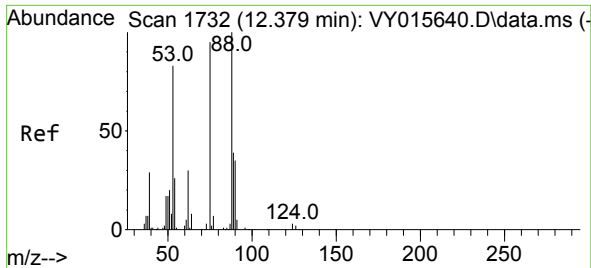


#76
 1,2,3-Trichloropropane
 Concen: 31.402 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015839.D
 Acq: 04 Oct 2023 19:47



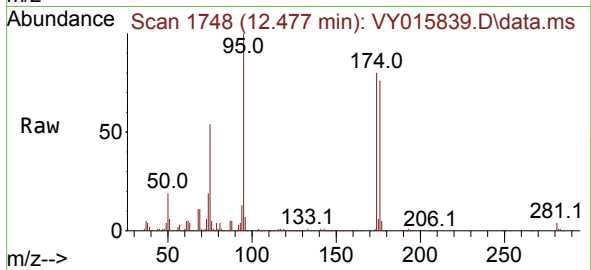
Tgt Ion: 75 Resp: 119594
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.714 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015839.D
 Acq: 04 Oct 2023 19:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 119594
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

