

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015743.D
 Acq On : 28 Sep 2023 12:16
 Operator : SY/MD
 Sample : VY0928SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 29 01:24:11 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)

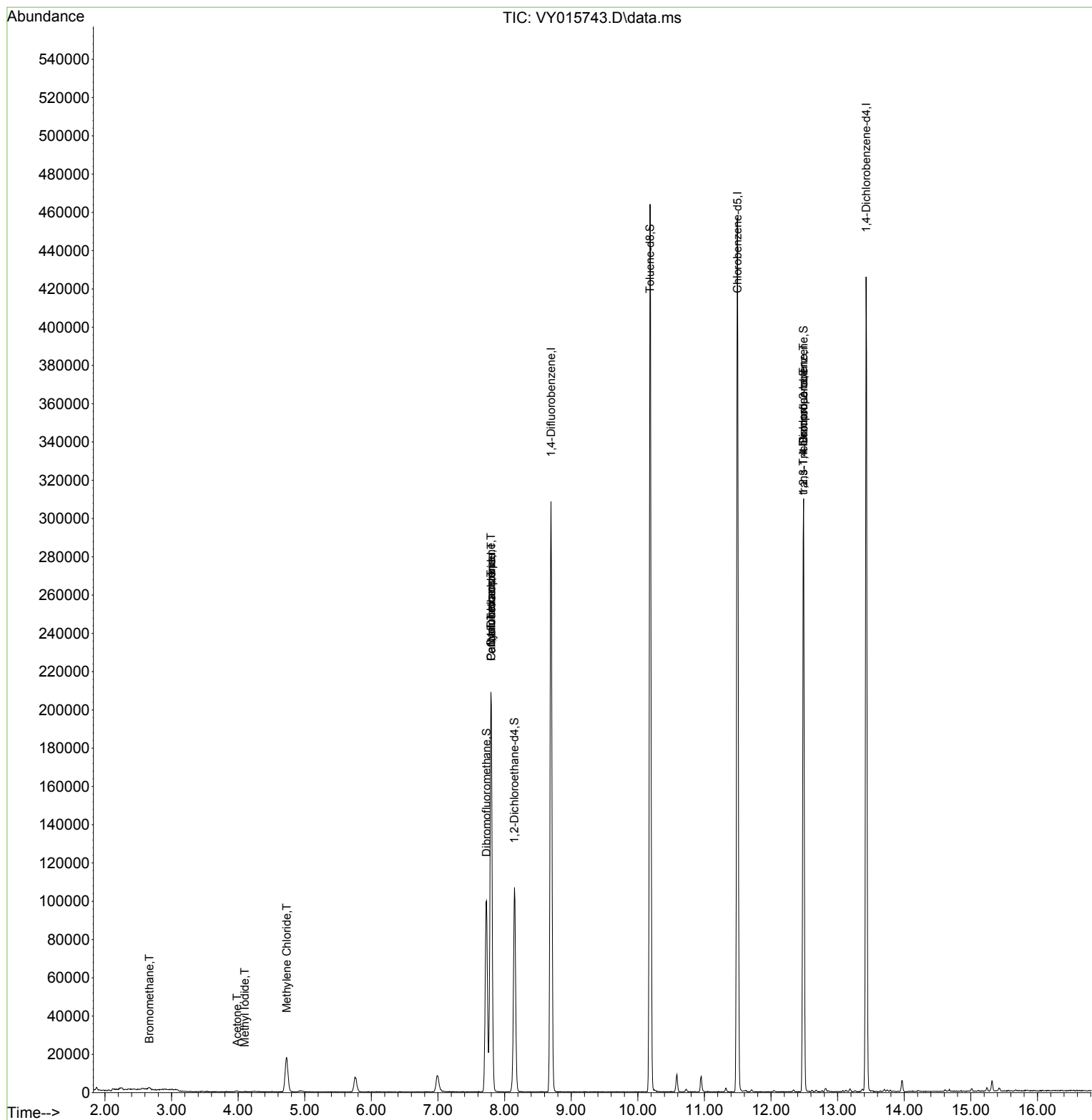
Internal Standards						
1) Pentafluorobenzene	7.801	168	161740	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	262129	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	248182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82172	46.175	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.340%
35) Dibromofluoromethane	7.728	113	72355	46.117	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.240%
50) Toluene-d8	10.185	98	293189	55.114	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.220%
62) 4-Bromofluorobenzene	12.489	95	89876	43.052	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.100%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	395	2.802	ug/l #	78
10) Methyl Iodide	4.101	142	345	2.901	ug/l #	70
11) Tert butyl alcohol	4.942	59	455	Below Cal	#	89
16) Acetone	3.985	43	1012	1.063	ug/l #	73
20) Methylene Chloride	4.728	84	13529	1.823	ug/l	86
31) Cyclohexane	7.795	56	3490	1.416	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12298	5.301	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16425	6.523	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	48229	27.988	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48229	63.026	ug/l #	10

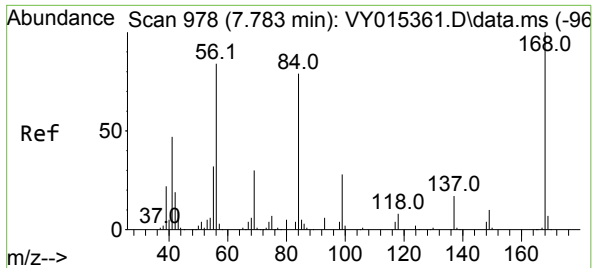
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 20 01:39:40 2023
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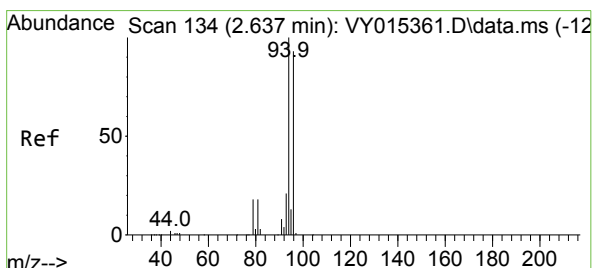
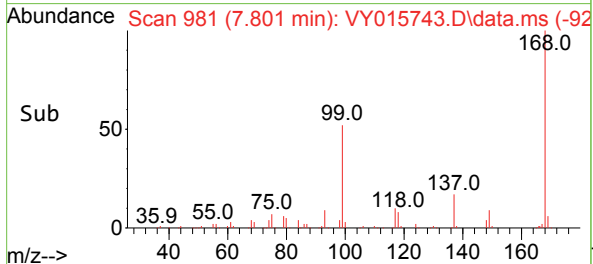
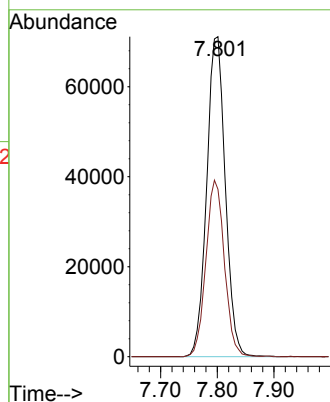
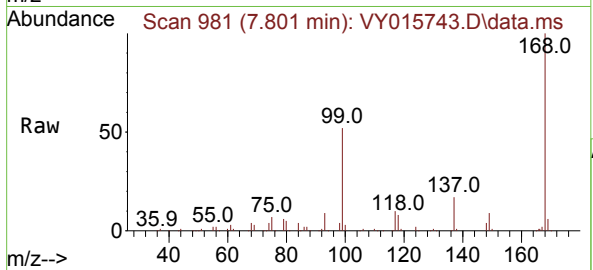




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

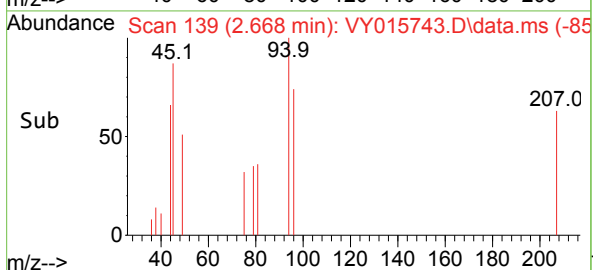
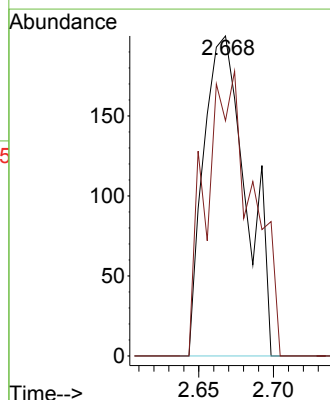
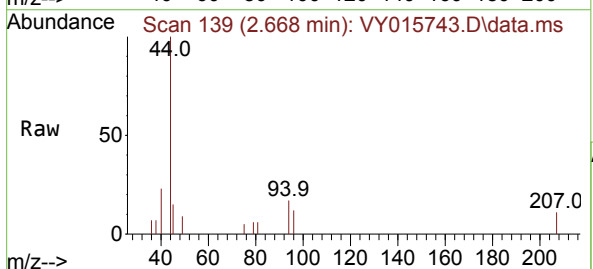
Instrument :
MSVOA_Y
ClientSampleId :

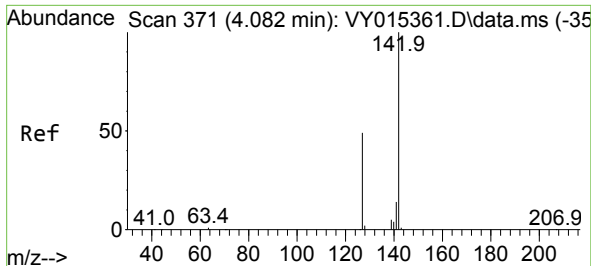
Tgt Ion:168 Resp: 161740
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#5
Bromomethane
Concen: 2.802 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.031 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

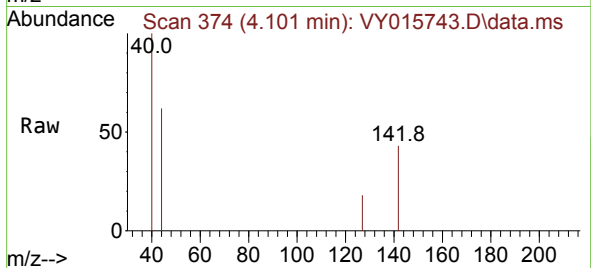
Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 73.5 75.8 113.6#



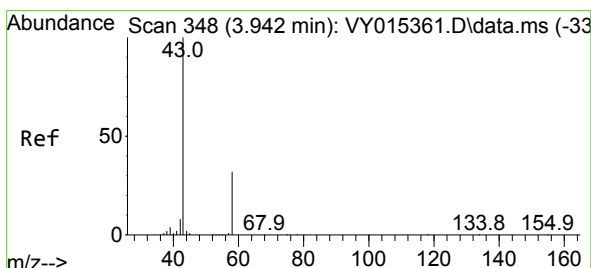
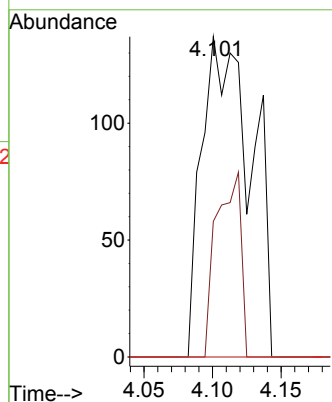
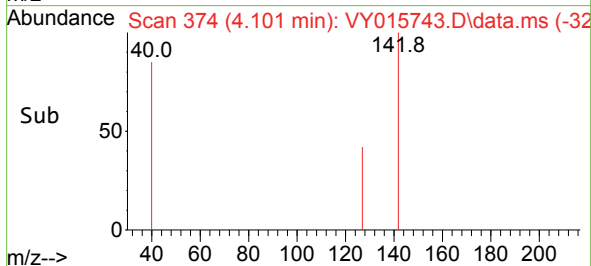


#10
Methyl Iodide
Concen: 2.901 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :

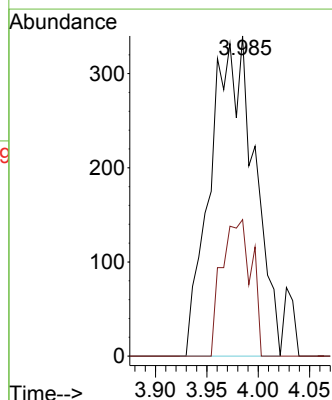
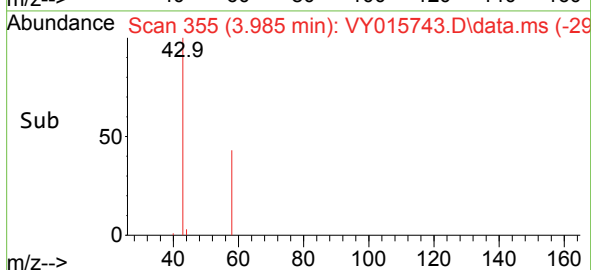
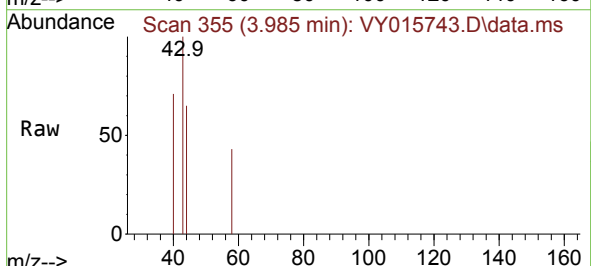


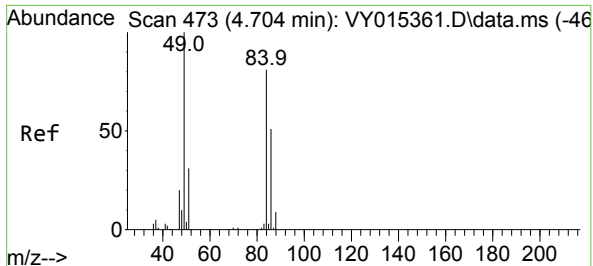
Tgt Ion:142 Resp: 345
Ion Ratio Lower Upper
142 100
127 28.4 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.063 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.043 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

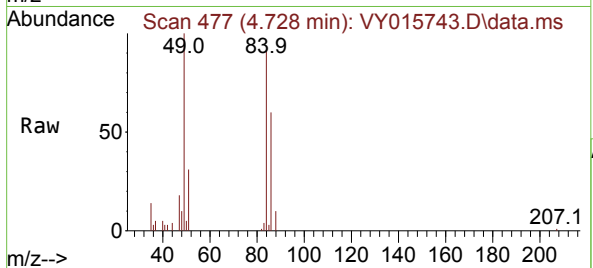
Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 42.6 22.7 34.1#



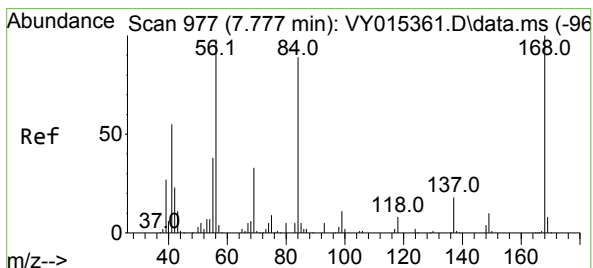
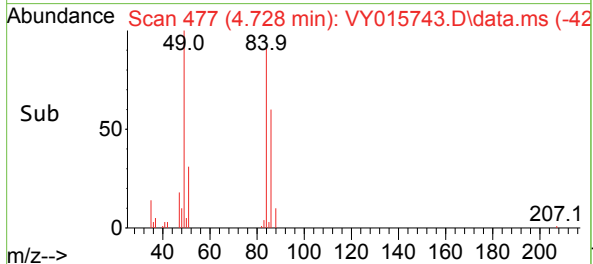
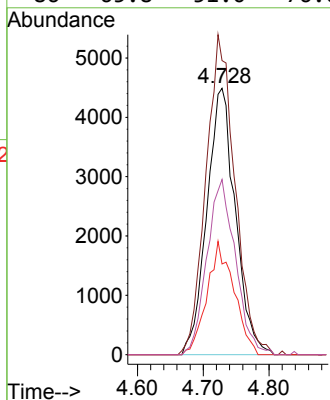


#20
Methylene Chloride
Concen: 1.823 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.024 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :

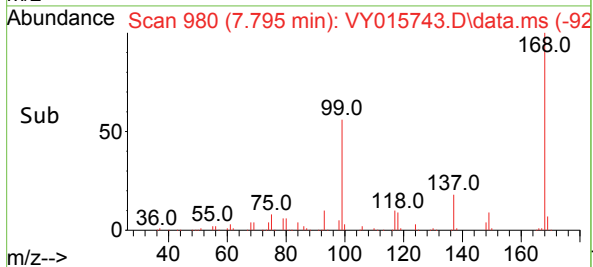
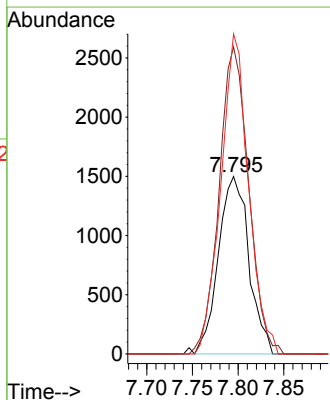
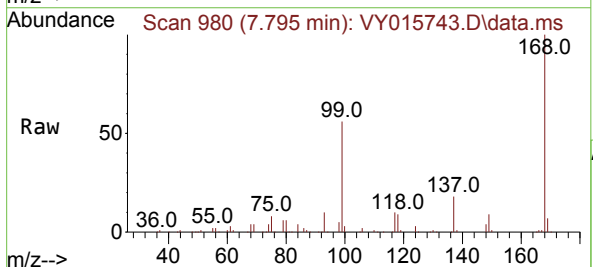


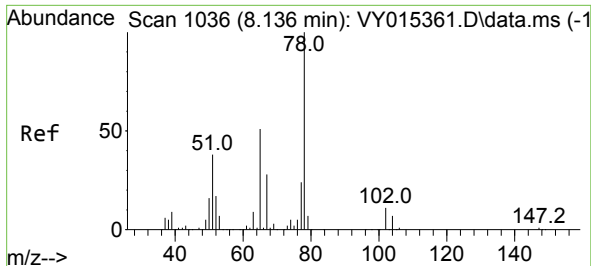
Tgt Ion:	84	Resp:	13529
Ion	Ratio	Lower	Upper
84	100		
49	110.4	106.9	160.3
51	34.0	33.2	49.8
86	65.8	51.0	76.6



#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

Tgt Ion:	56	Resp:	3490
Ion	Ratio	Lower	Upper
56	100		
69	173.0	27.8	41.6#
84	180.3	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 46.175 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY015743.D

Acq: 28 Sep 2023 12:16

Instrument :

MSVOA_Y

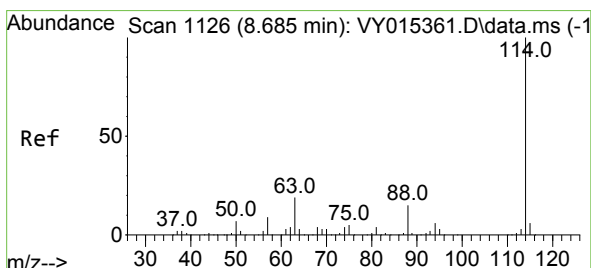
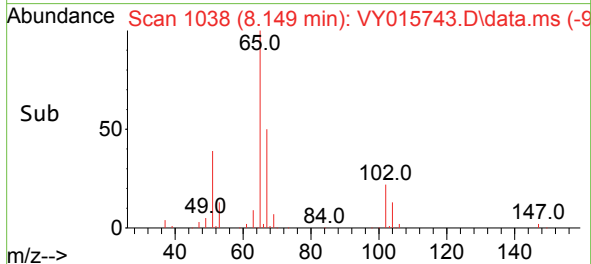
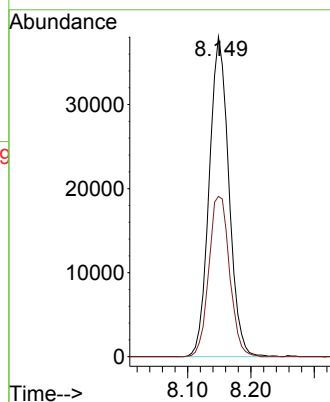
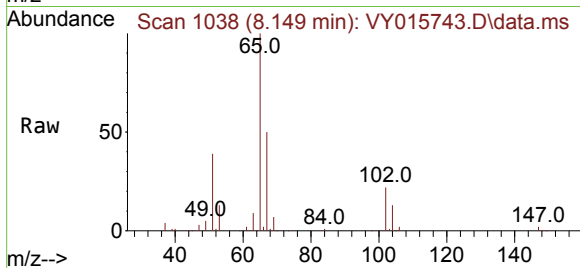
ClientSampleId :

Tgt Ion: 65 Resp: 82172

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: VY015743.D

Acq: 28 Sep 2023 12:16

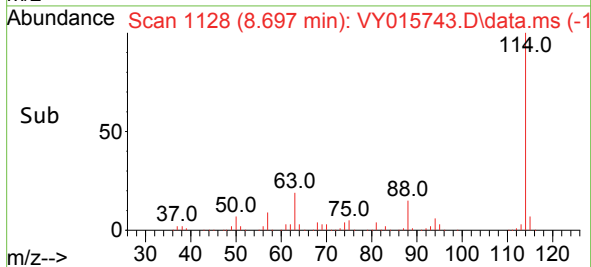
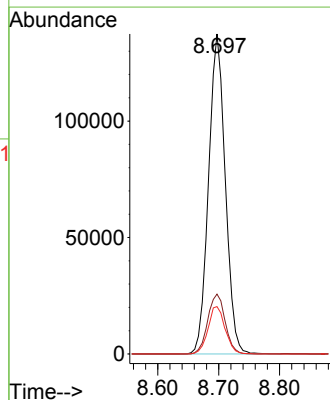
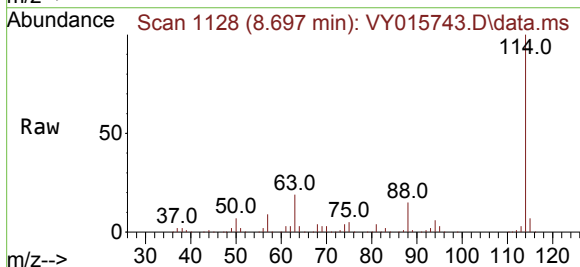
Tgt Ion: 114 Resp: 262129

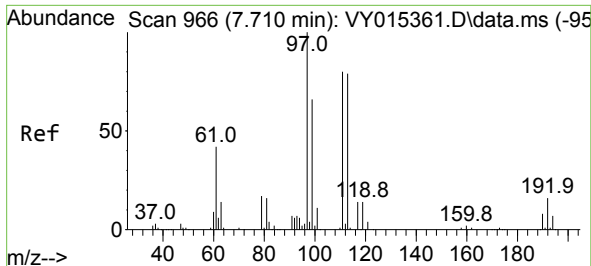
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

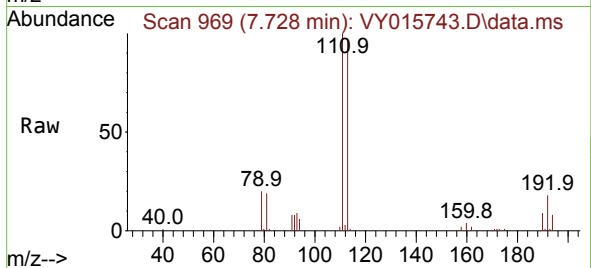
88 14.8 0.0 30.6



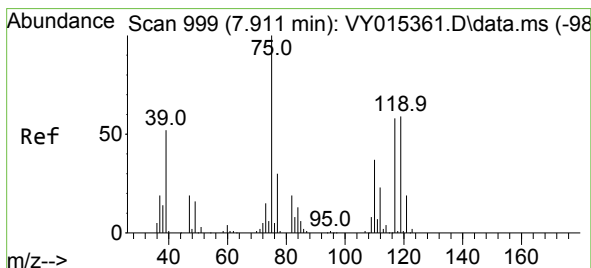
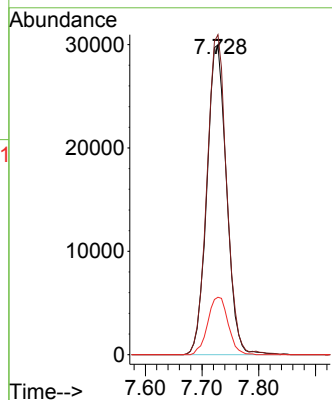
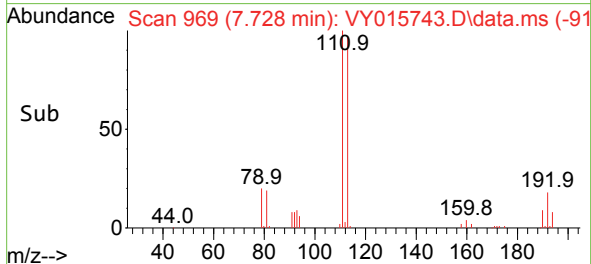


#35
Dibromofluoromethane
Concen: 46.117 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :

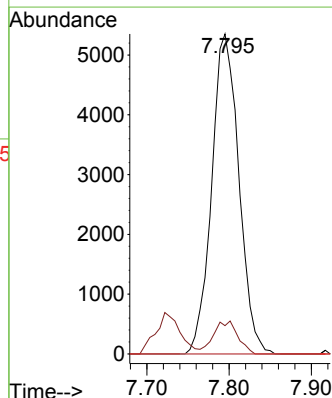
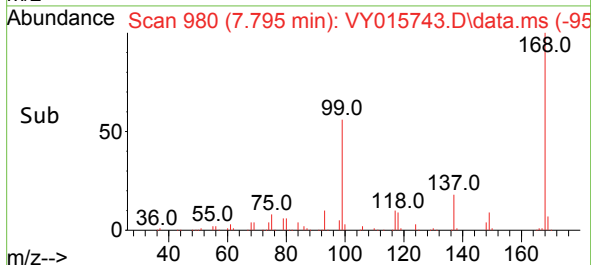
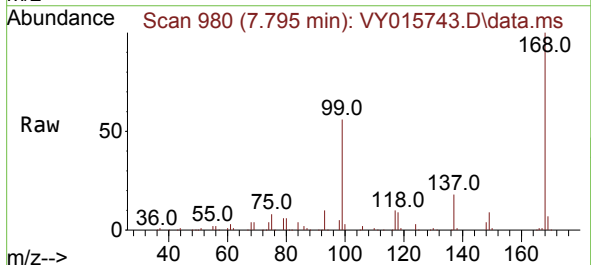


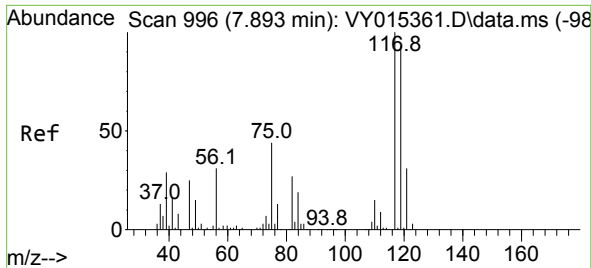
Tgt Ion:113 Resp: 72355
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.301 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

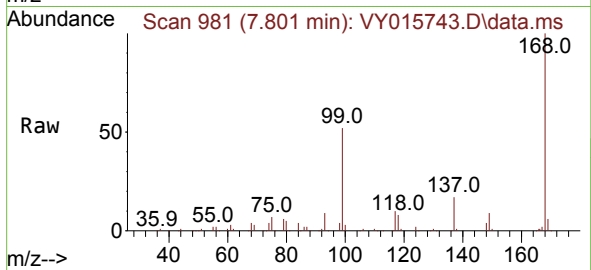
Tgt Ion: 75 Resp: 12298
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



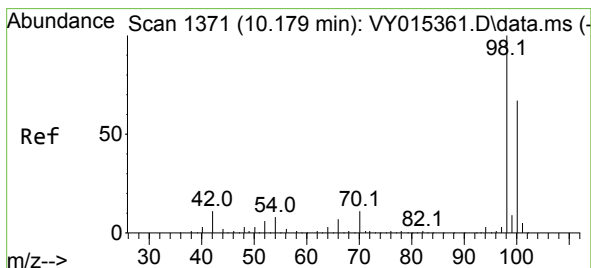
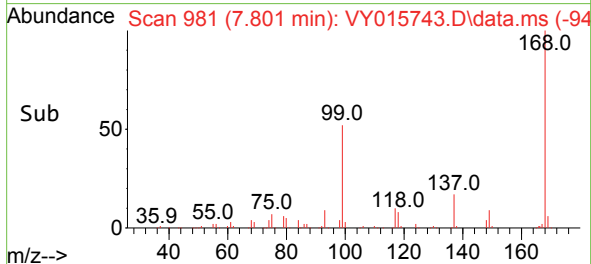
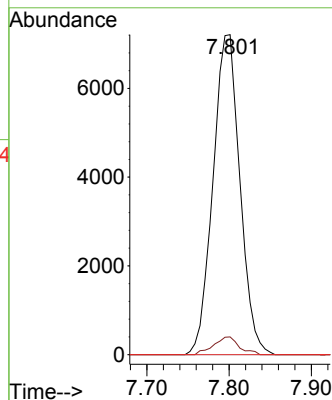


#38
Carbon Tetrachloride
Concen: 6.523 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.092 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :

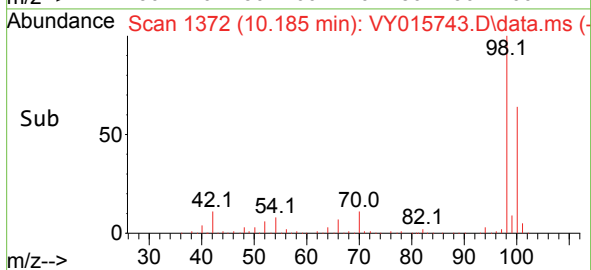
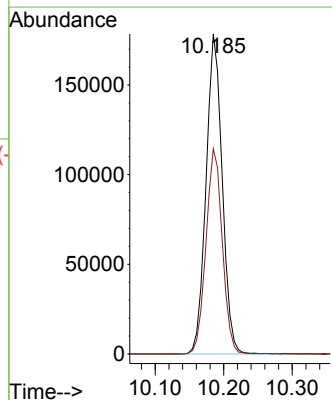
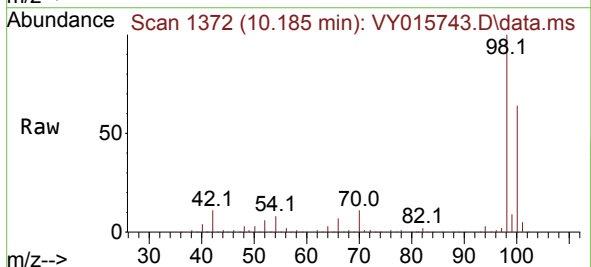


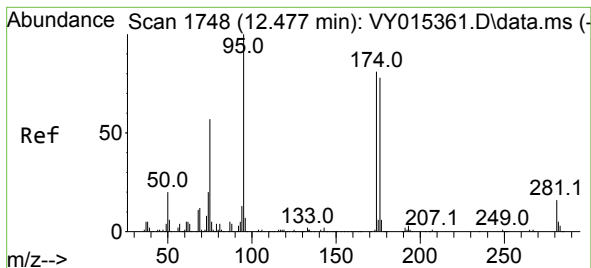
Tgt Ion:117 Resp: 16425
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.114 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

Tgt Ion: 98 Resp: 293189
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

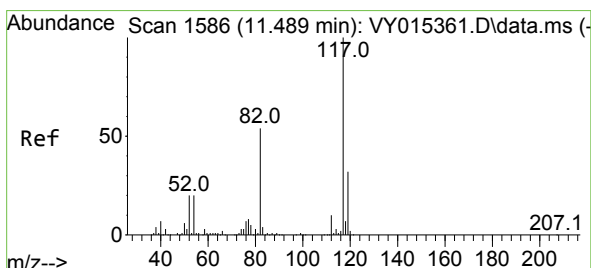
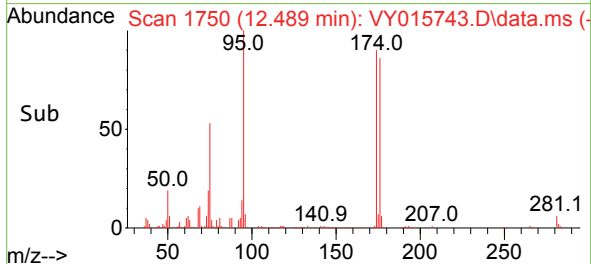
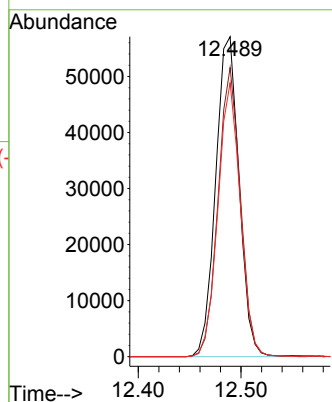
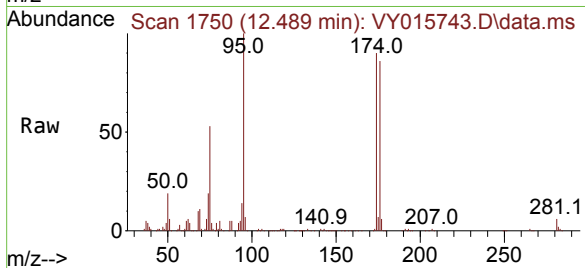




#62
4-Bromofluorobenzene
Concen: 43.052 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

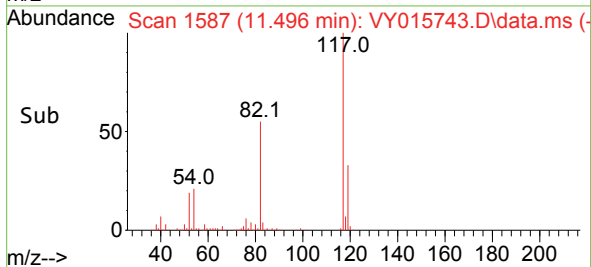
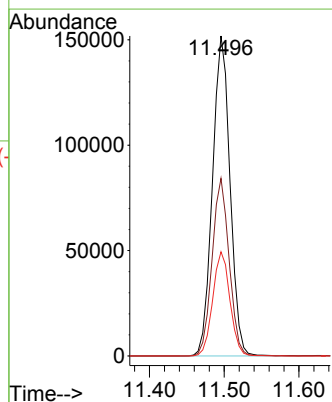
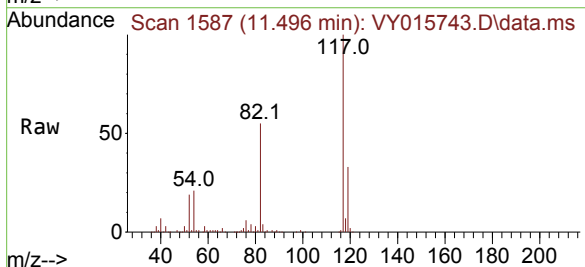
Instrument :
MSVOA_Y
ClientSampleId :

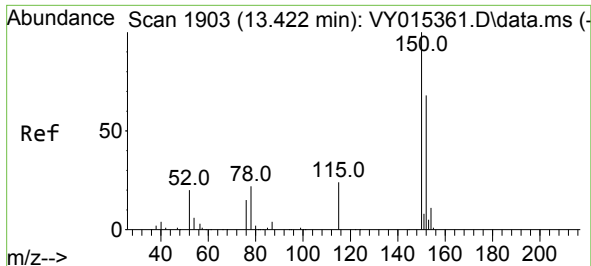
Tgt Ion: 95 Resp: 89876
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

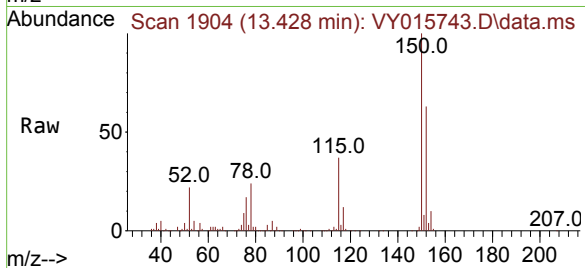
Tgt Ion: 117 Resp: 248182
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.6 26.3 39.5



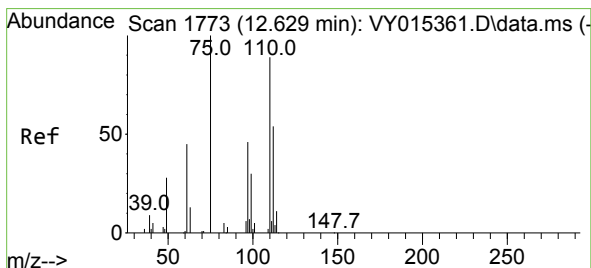
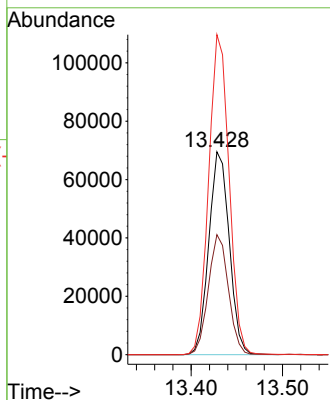
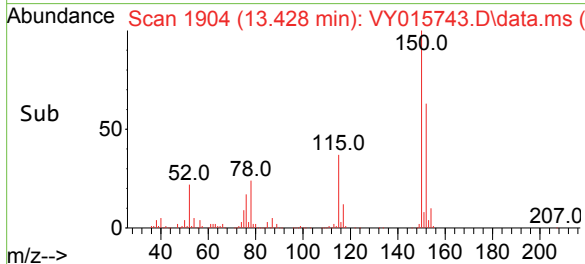


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015743.D
 Acq: 28 Sep 2023 12:16

Instrument :
 MSVOA_Y
 ClientSampleId :

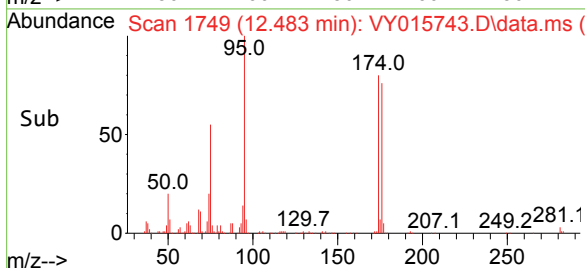
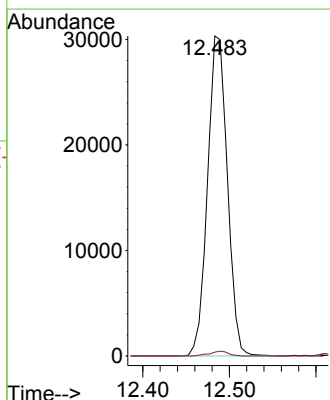
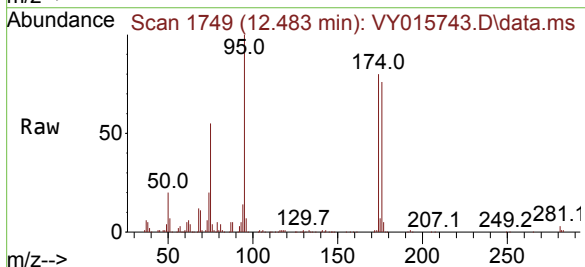


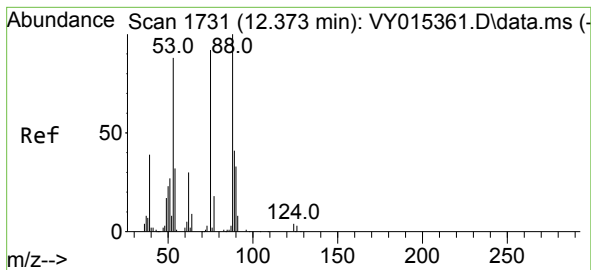
Tgt Ion:152 Resp: 108016
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.8 86.5
 150 157.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 27.988 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015743.D
 Acq: 28 Sep 2023 12:16

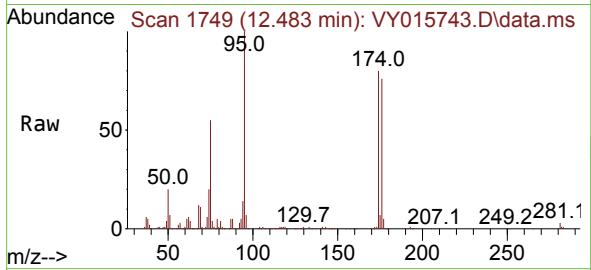
Tgt Ion: 75 Resp: 48229
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.026 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015743.D
 Acq: 28 Sep 2023 12:16

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#

