

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017924.D
 Acq On : 12 Apr 2024 14:31
 Operator : SY/MD
 Sample : P2090-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 13 00:35:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

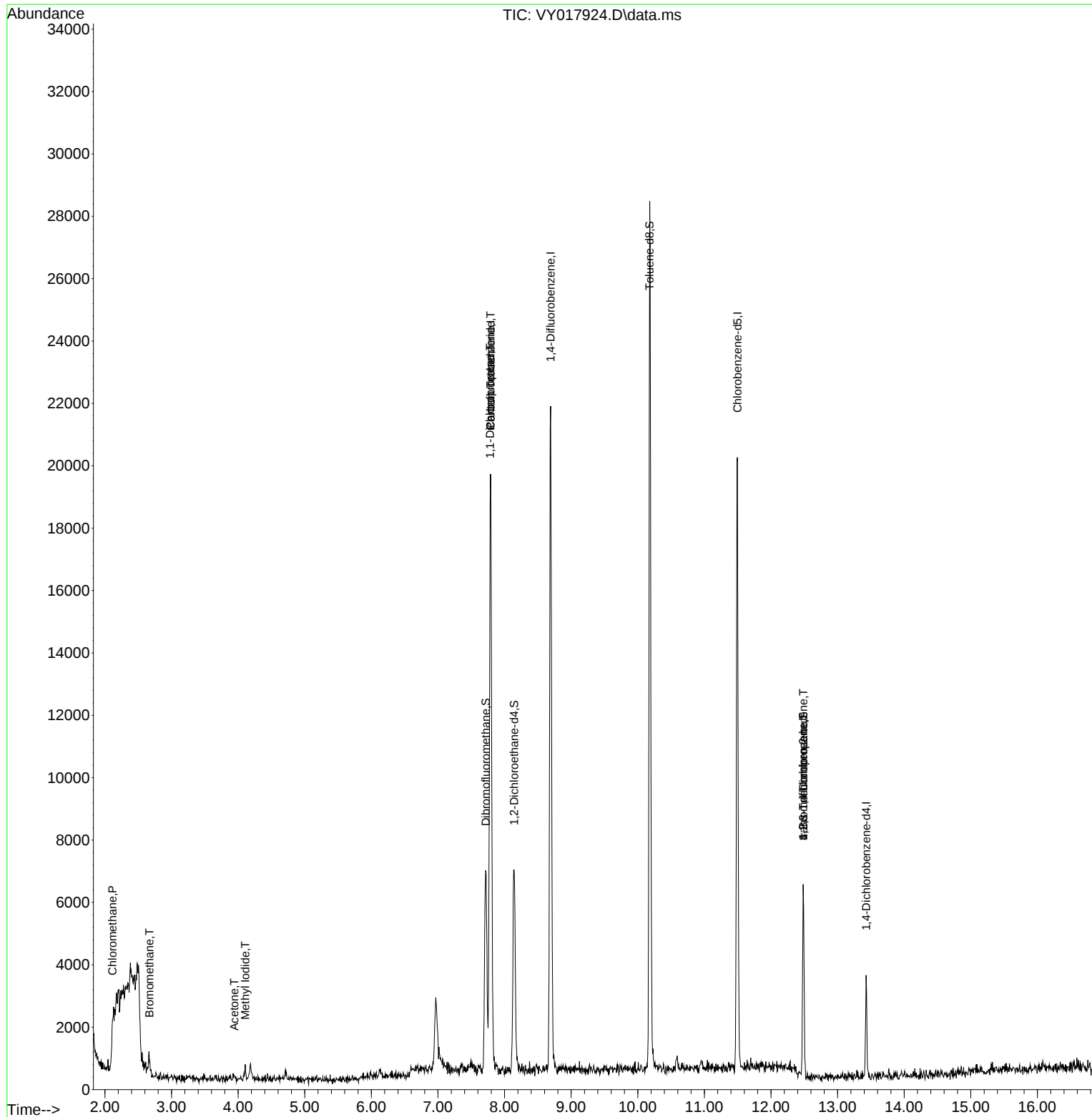
Internal Standards						
1) Pentafluorobenzene	7.789	168	16410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5664	39.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.78%
35) Dibromofluoromethane	7.716	113	5191	44.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.66%
50) Toluene-d8	10.179	98	19550	45.20	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.40%
62) 4-Bromofluorobenzene	12.483	95	1855	14.10	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	28.20%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	269	1.26	ug/l #	88
5) Bromomethane	2.668	94	301	1.33	ug/l #	74
10) Methyl Iodide	4.107	142	594	3.34	ug/l #	60
16) Acetone	3.942	43	165	5.62	ug/l #	36
20) Methylene Chloride	4.704	84	114	Below	Cal #	64
36) 1,1-Dichloropropene	7.783	75	1265	7.49	ug/l #	42
38) Carbon Tetrachloride	7.789	117	1597	9.11	ug/l #	13
51) 4-Methyl-2-Pentanone	10.100	43	24	Below	Cal #	31
76) 1,2,3-Trichloropropane	12.483	75	1009	105.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1009	172.55	ug/l #	16

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

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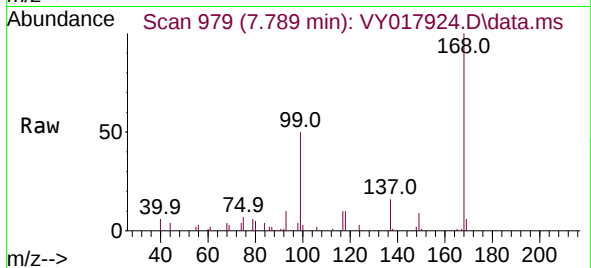
Quant Time: Apr 13 00:35:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
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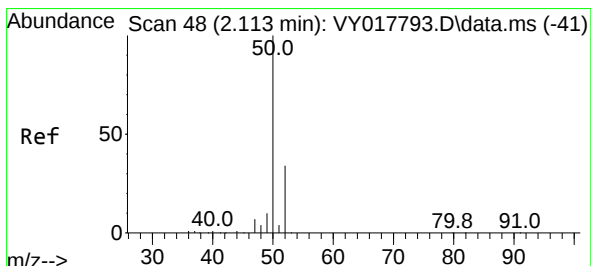
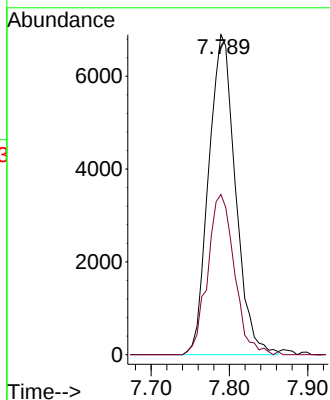
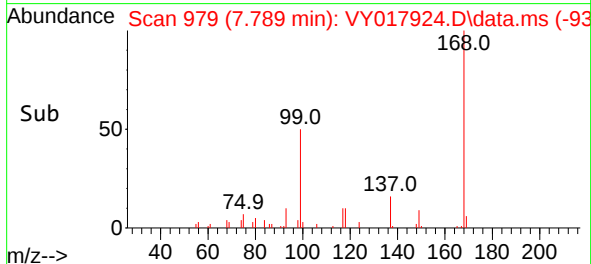


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

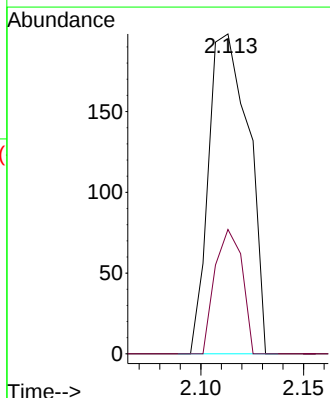
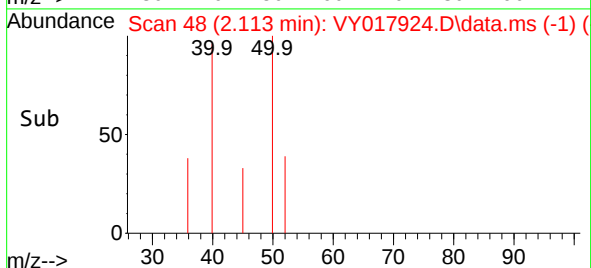
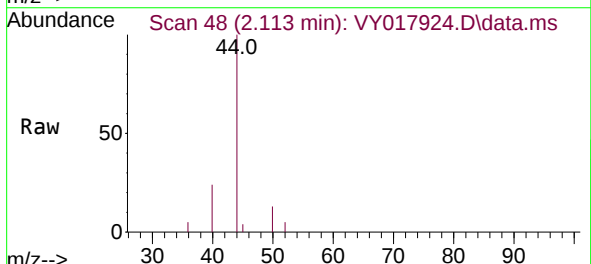


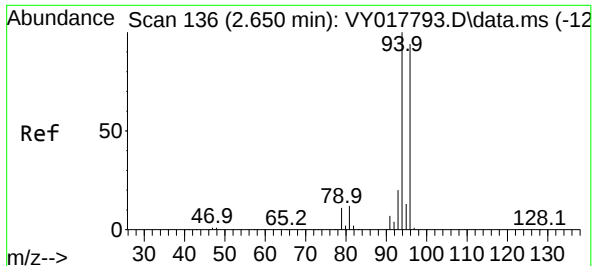
Tgt Ion:168 Resp: 16410
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#3
Chloromethane
Concen: 1.26 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

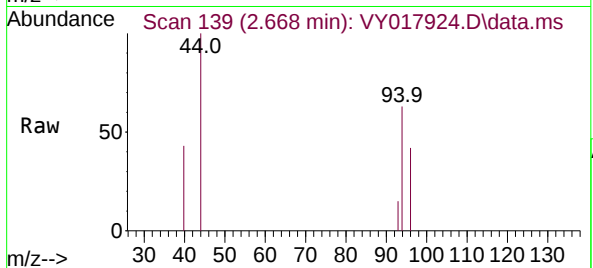
Tgt Ion: 50 Resp: 269
Ion Ratio Lower Upper
50 100
52 38.9 25.6 38.4#



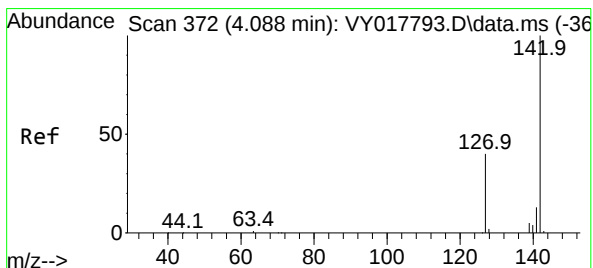
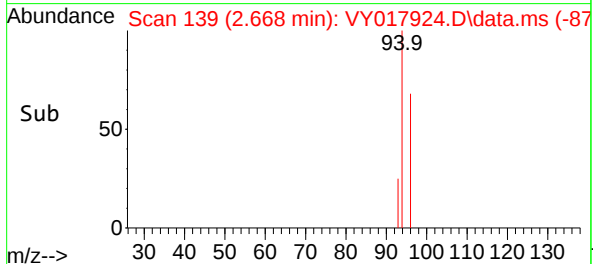
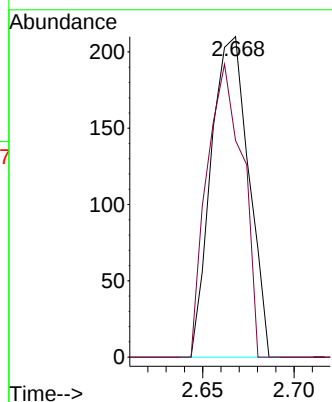


#5
Bromomethane
Concen: 1.33 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

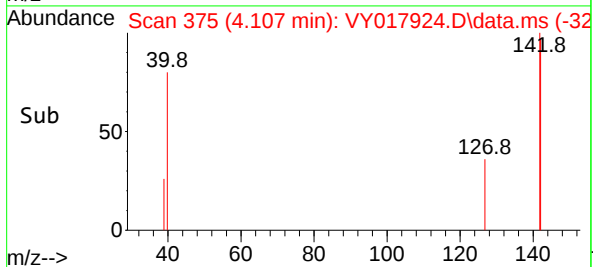
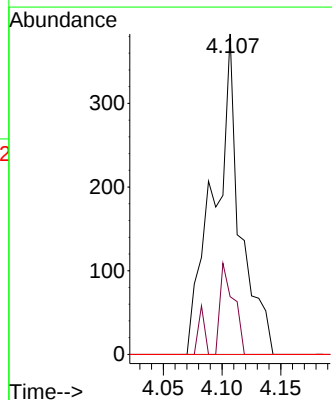
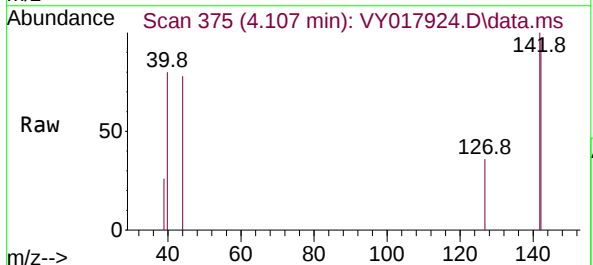


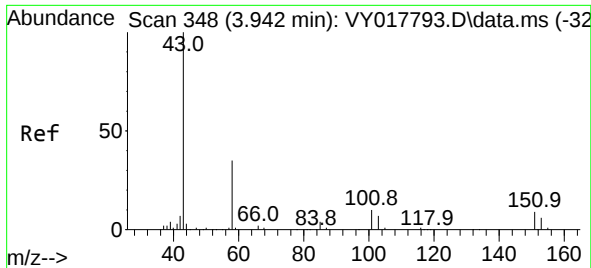
Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 67.6 74.1 111.1#



#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

Tgt Ion:142 Resp: 594
Ion Ratio Lower Upper
142 100
127 14.8 32.8 49.2#
141 0.0 11.4 17.2#





#16

Acetone

Concen: 5.62 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY017924.D

Acq: 12 Apr 2024 14:31

Instrument :

MSVOA_Y

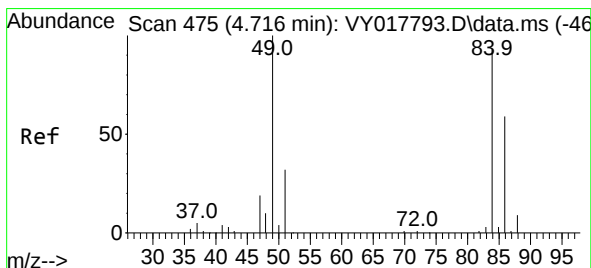
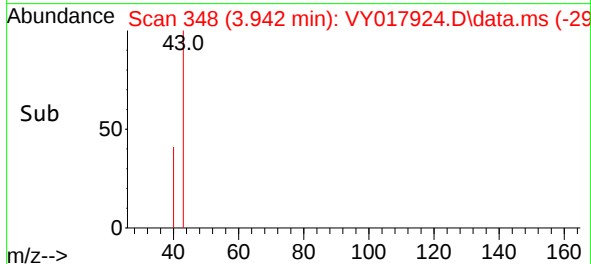
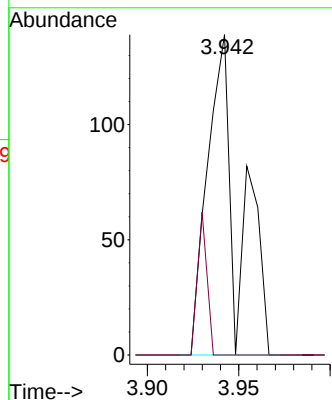
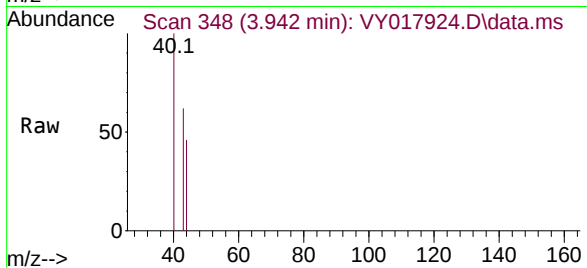
ClientSampleId :

Tgt Ion: 43 Resp: 165

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY017924.D

Acq: 12 Apr 2024 14:31

Tgt Ion: 84 Resp: 114

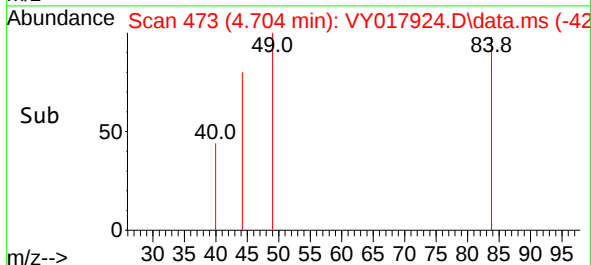
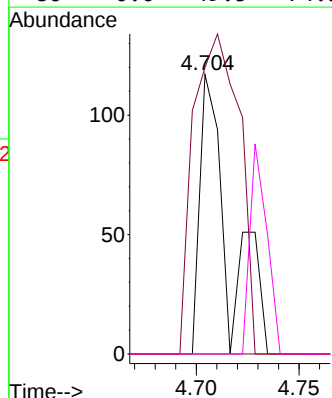
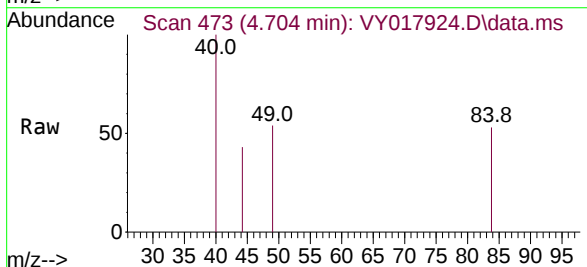
Ion Ratio Lower Upper

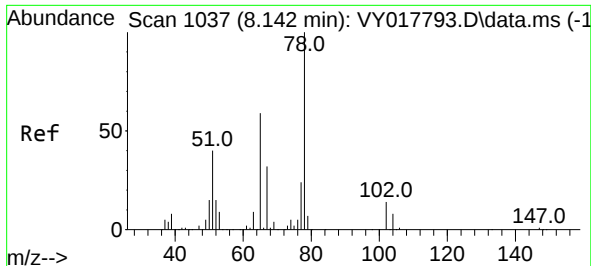
84 100

49 102.6 84.4 126.6

51 0.0 26.0 39.0#

86 0.0 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 39.89 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017924.D

Acq: 12 Apr 2024 14:31

Instrument :

MSVOA_Y

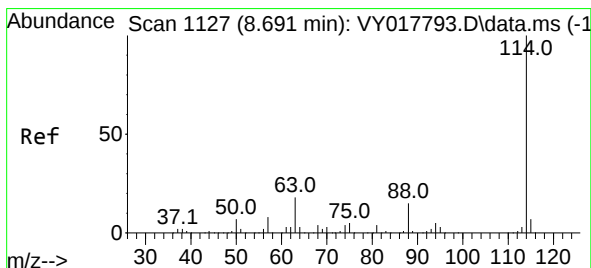
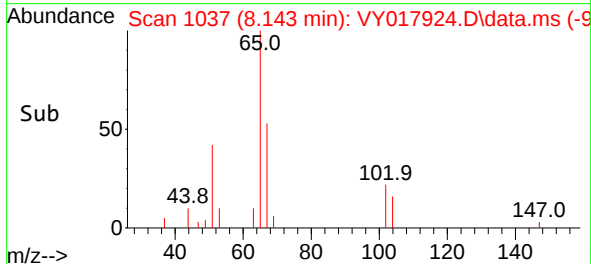
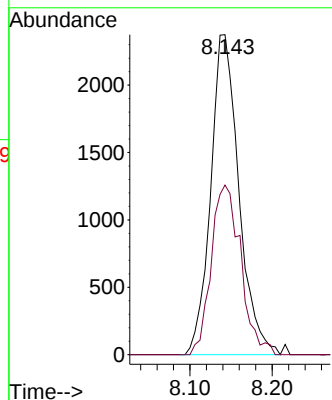
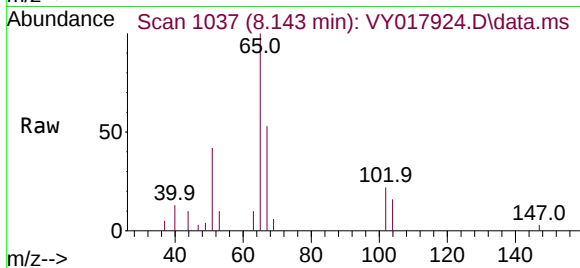
ClientSampleId :

Tgt Ion: 65 Resp: 5664

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017924.D

Acq: 12 Apr 2024 14:31

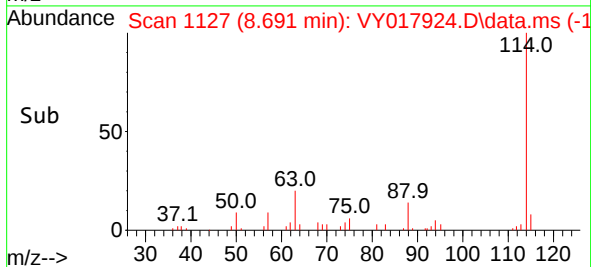
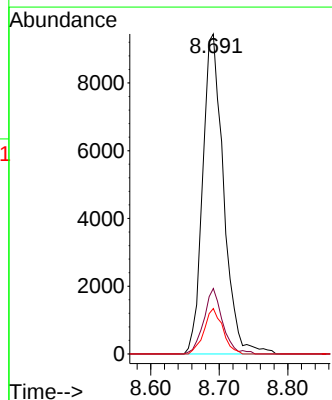
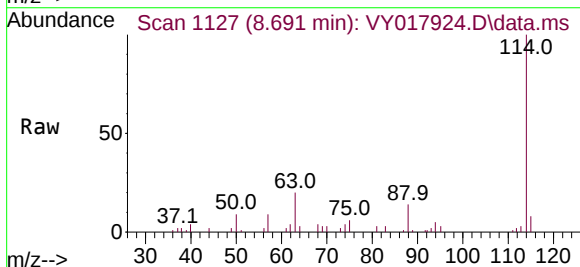
Tgt Ion: 114 Resp: 20039

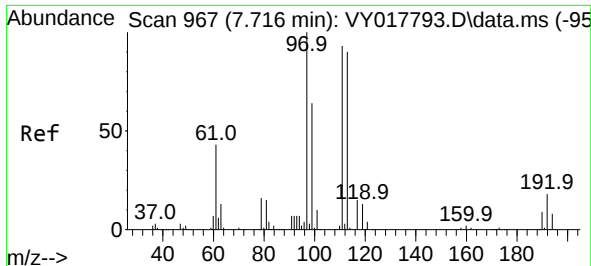
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 14.2 0.0 27.2

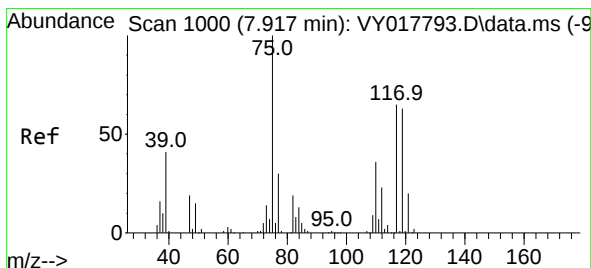
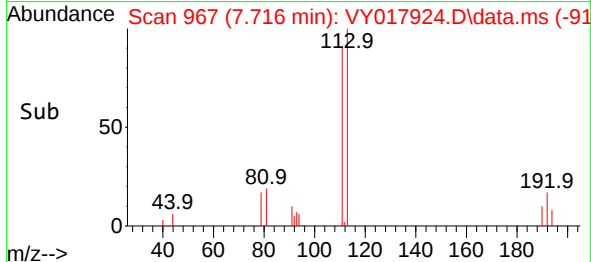
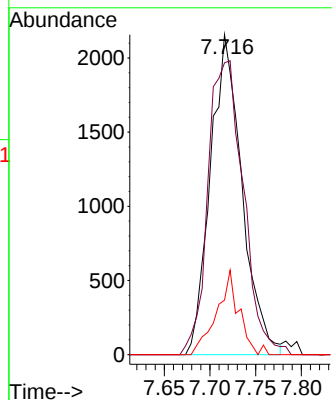
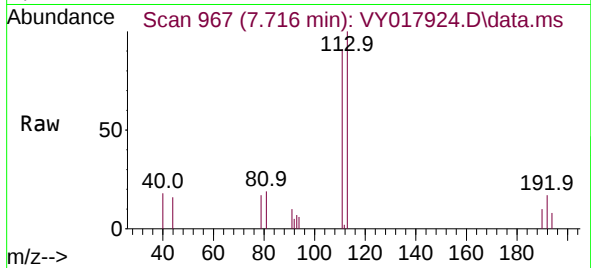




#35
Dibromofluoromethane
Concen: 44.83 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

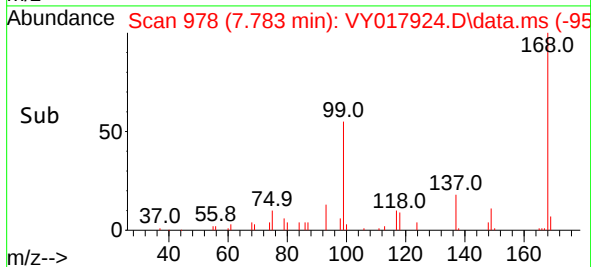
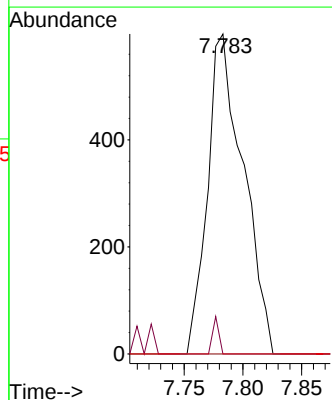
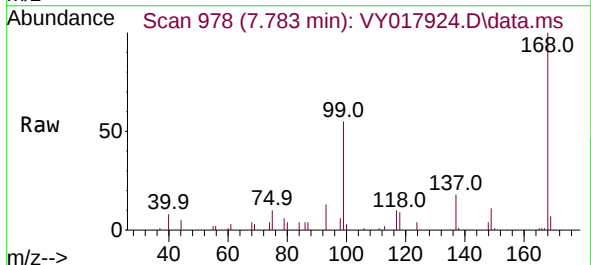
Instrument :
MSVOA_Y
ClientSampleId :

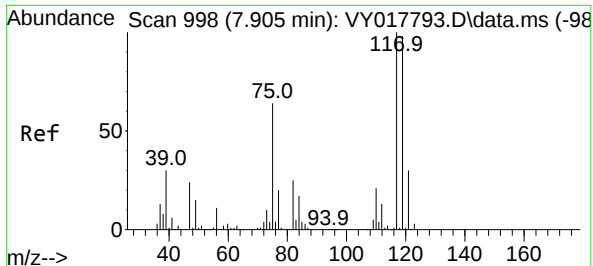
Tgt Ion:113 Resp: 5191
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 7.49 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

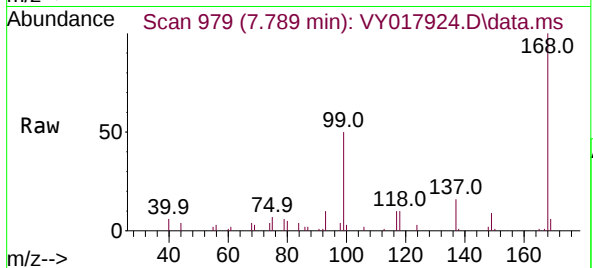
Tgt Ion: 75 Resp: 1265
Ion Ratio Lower Upper
75 100
110 2.1 19.0 57.0#
77 0.0 25.3 37.9#



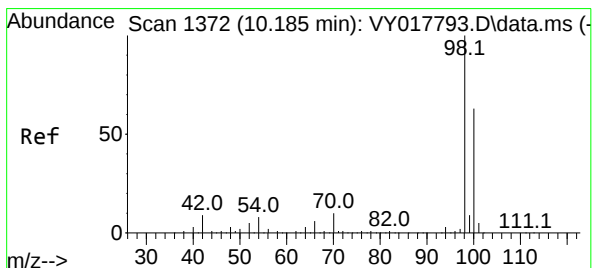
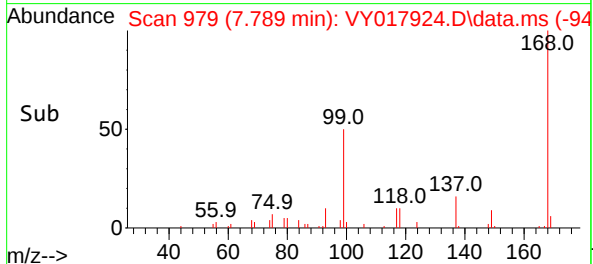
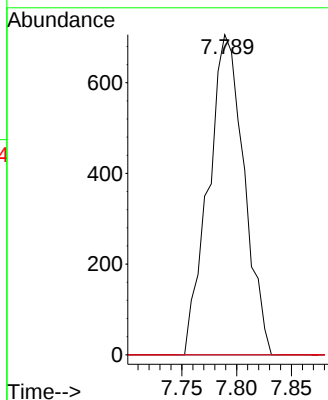


#38
Carbon Tetrachloride
Concen: 9.11 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

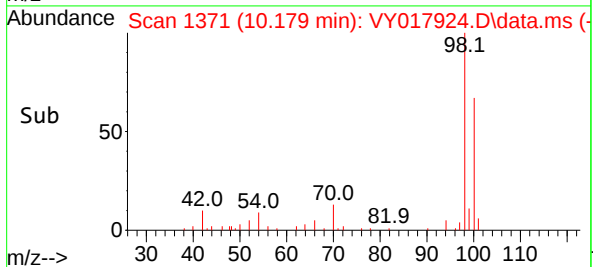
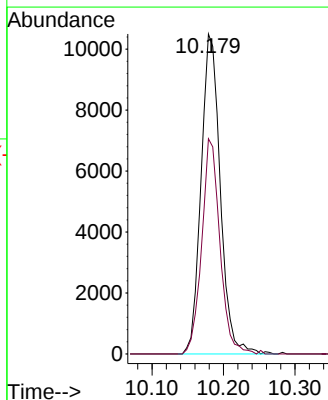
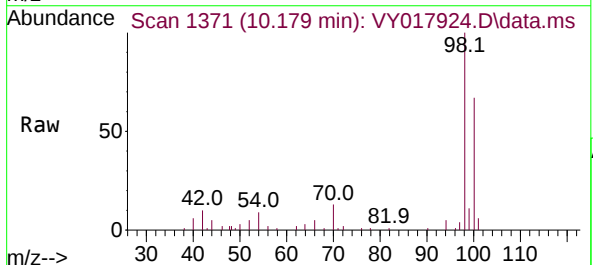


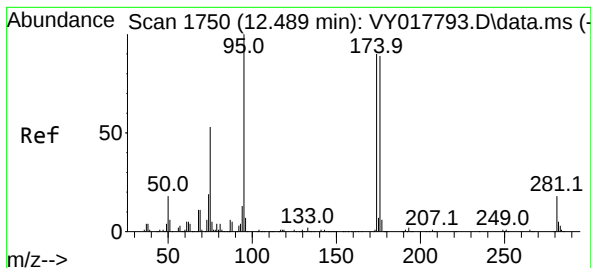
Tgt Ion:117 Resp: 1597
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.20 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

Tgt Ion: 98 Resp: 19550
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

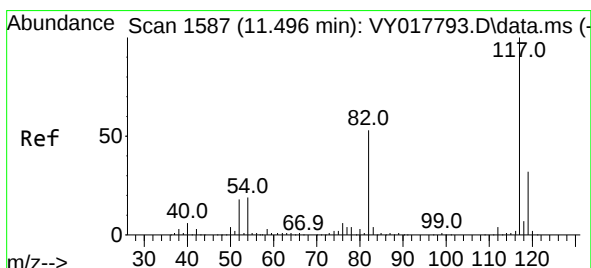
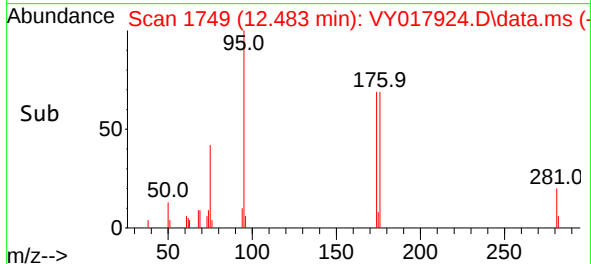
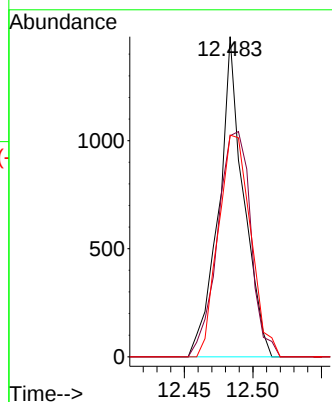
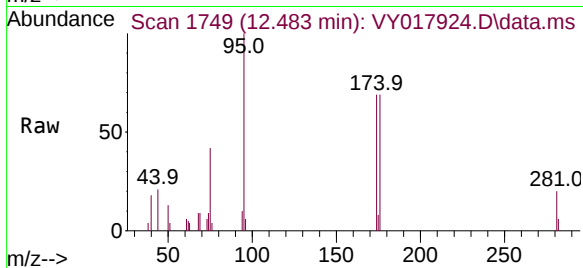




#62
4-Bromofluorobenzene
Concen: 14.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

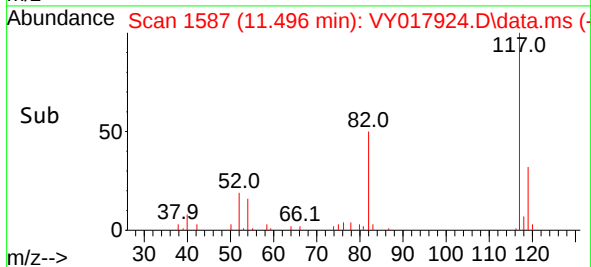
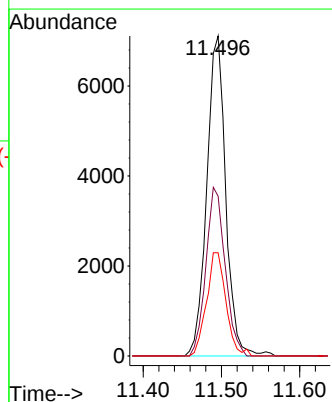
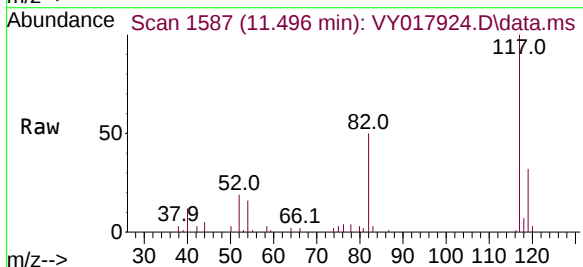
Instrument :
MSVOA_Y
ClientSampleId :

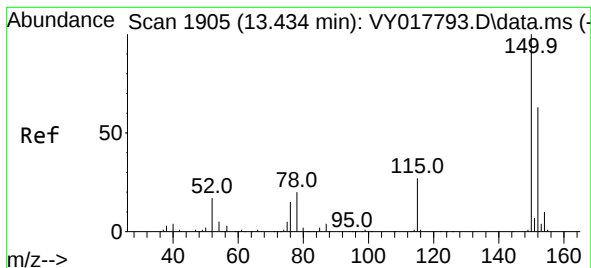
Tgt Ion: 95 Resp: 1855
Ion Ratio Lower Upper
95 100
174 94.4 0.0 175.6
176 90.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

Tgt Ion: 117 Resp: 11956
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.2 25.9 38.9

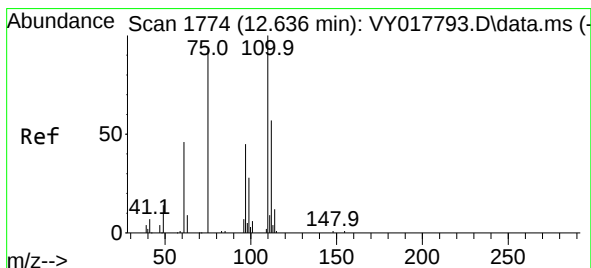
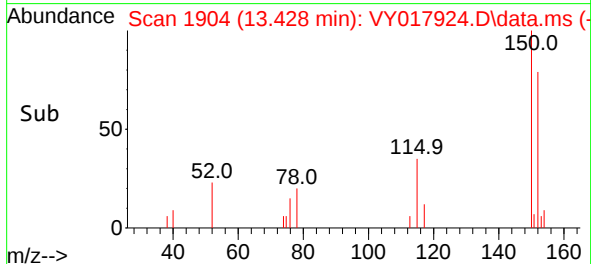
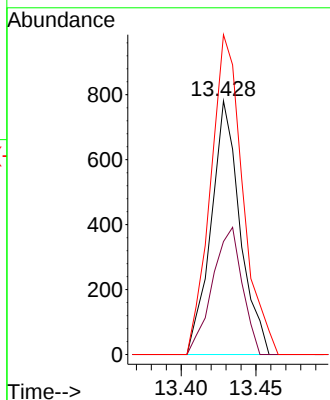
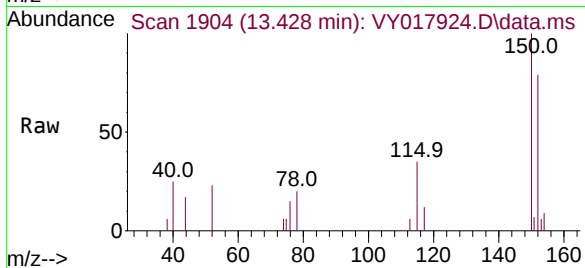




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

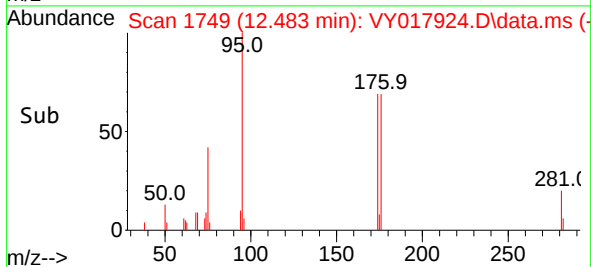
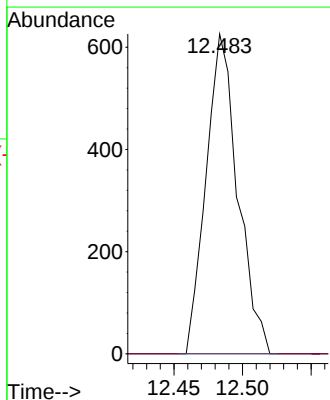
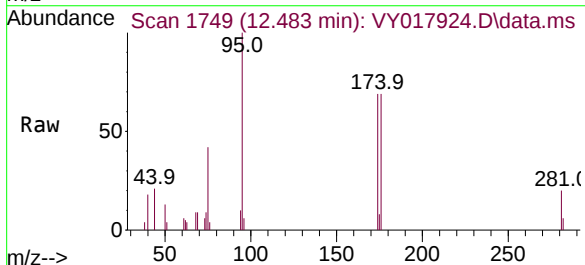
Instrument :
MSVOA_Y
ClientSampleId :

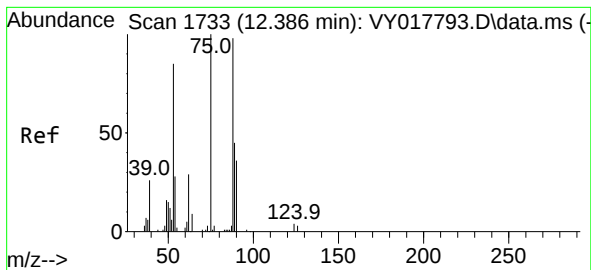
Tgt Ion:152 Resp: 1050
Ion Ratio Lower Upper
152 100
115 51.6 28.2 84.7
150 140.4 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 105.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017924.D
Acq: 12 Apr 2024 14:31

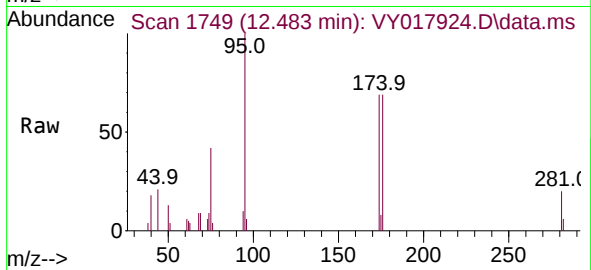
Tgt Ion: 75 Resp: 1009
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 172.55 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY017924.D
 Acq: 12 Apr 2024 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	1009
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

