

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015984.D
 Acq On : 16 Oct 2023 15:06
 Operator : SY/MD
 Sample : 04895-01
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 05:43:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

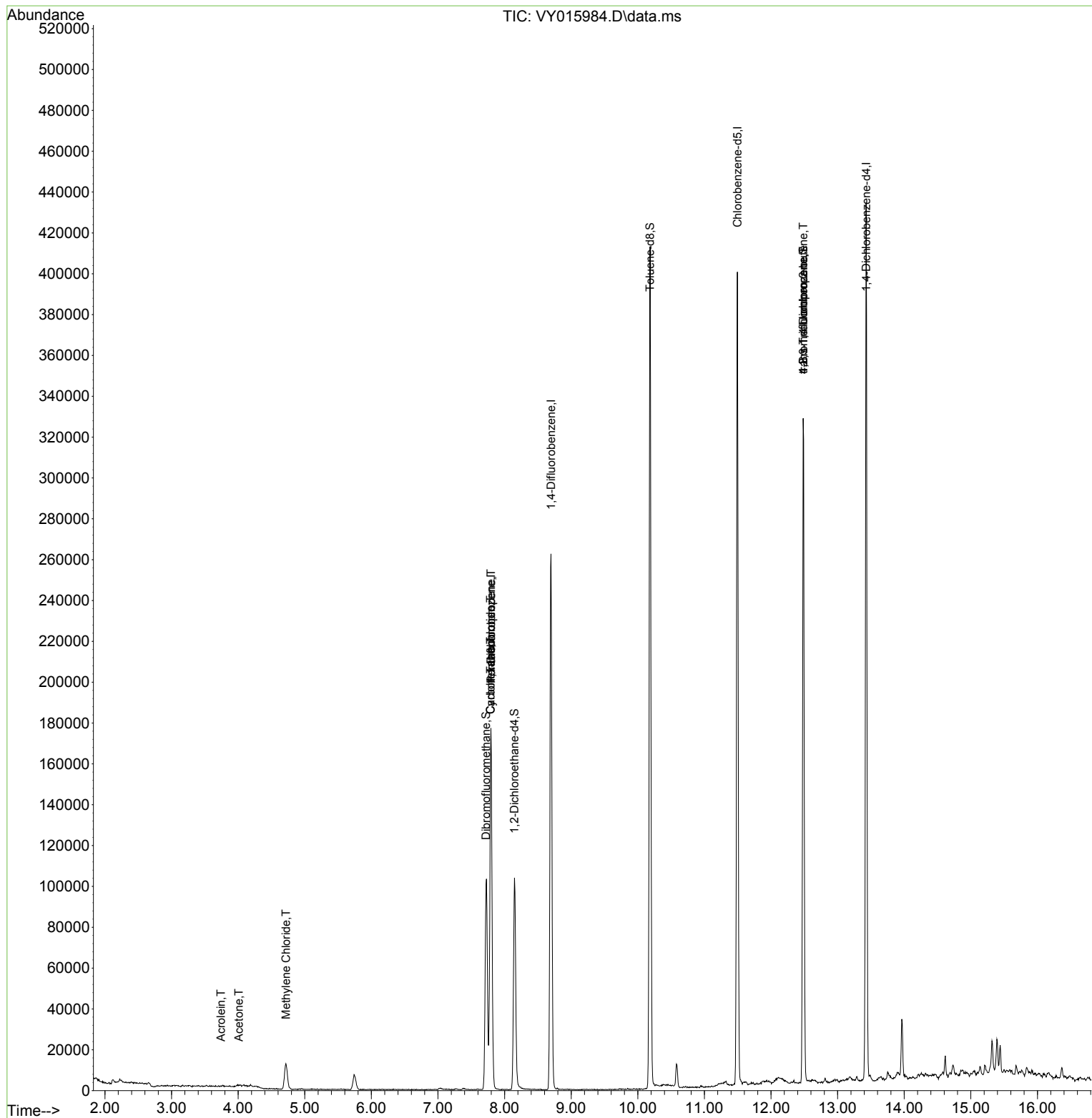
Internal Standards						
1) Pentafluorobenzene	7.795	168	137673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	215724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85358	54.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.660%	
35) Dibromofluoromethane	7.722	113	75482	51.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.300%	
50) Toluene-d8	10.185	98	277369	50.682	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.483	95	96797	49.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.340%	
Target Compounds						
3) Chloromethane	2.113	50	914	Below Cal	Qvalue 95	
13) Acrolein	3.741	56	411	1.385 ug/l	#	49
16) Acetone	4.009	43	1113	1.219 ug/l		99
20) Methylene Chloride	4.716	84	9767	1.583 ug/l		89
31) Cyclohexane	7.789	56	2523	1.009 ug/l	#	1
36) 1,1-Dichloropropene	7.795	75	10673	4.840 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	13497	5.812 ug/l	#	17
76) 1,2,3-Trichloropropane	12.483	75	51073	23.974 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51073	56.476 ug/l	#	11

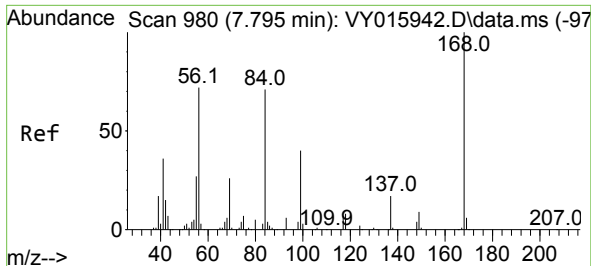
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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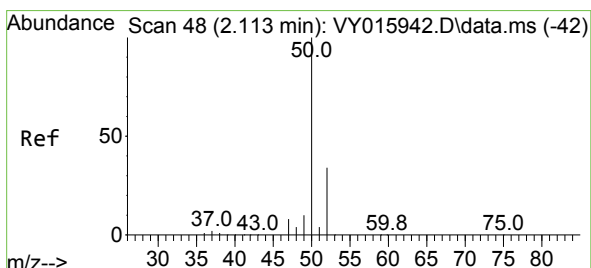
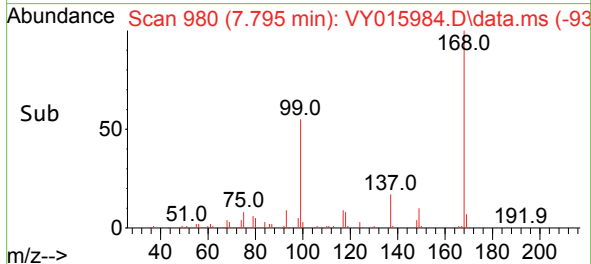
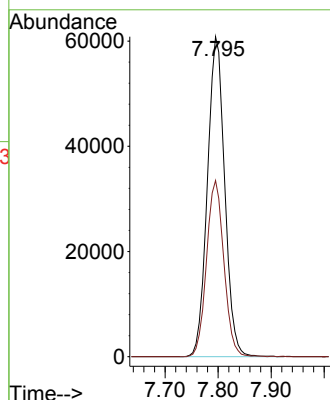
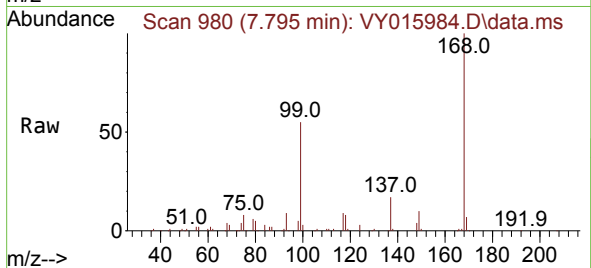




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

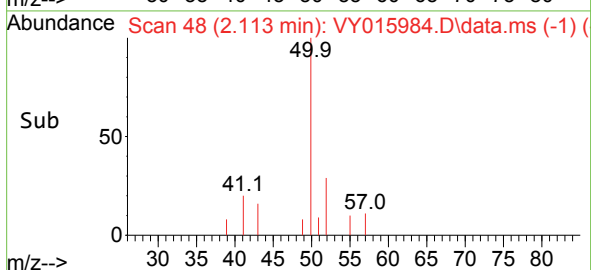
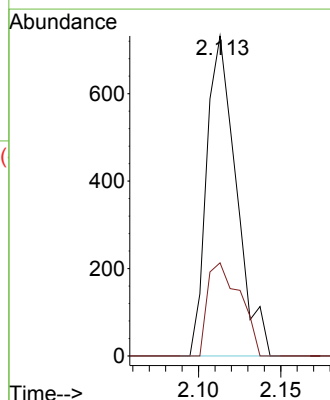
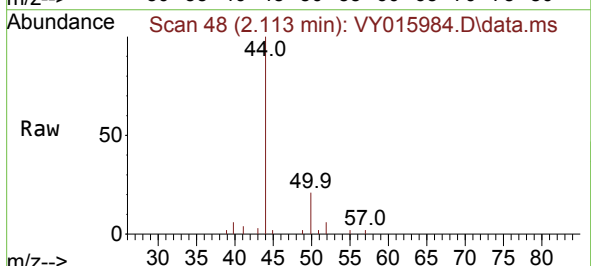
Instrument :
MSVOA_Y
ClientSampleId :

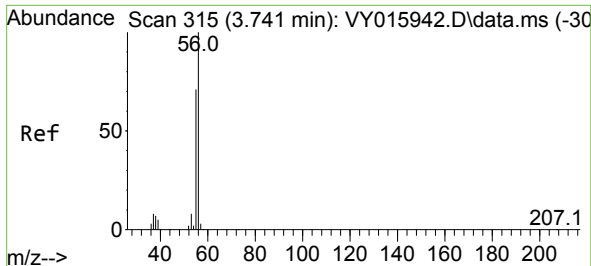
Tgt Ion:168 Resp: 137673
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

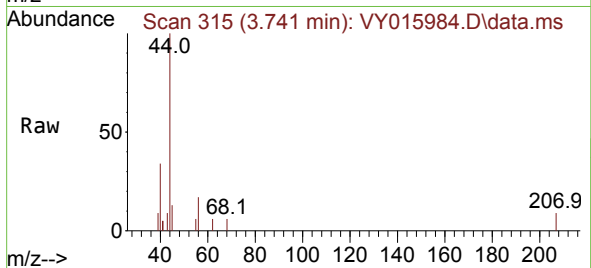
Tgt Ion: 50 Resp: 914
Ion Ratio Lower Upper
50 100
52 29.1 25.4 38.2



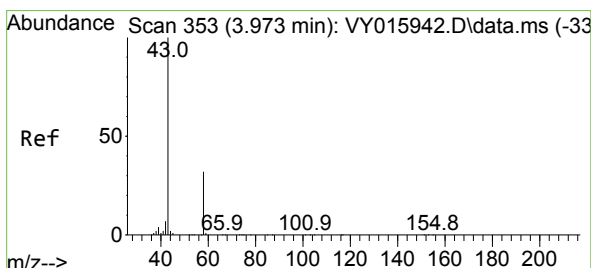
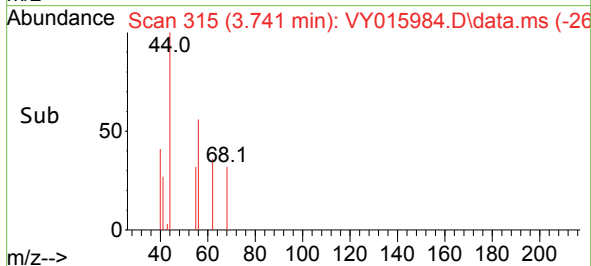
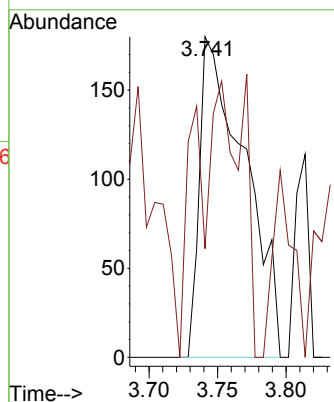


#13
Acrolein
Concen: 1.385 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :

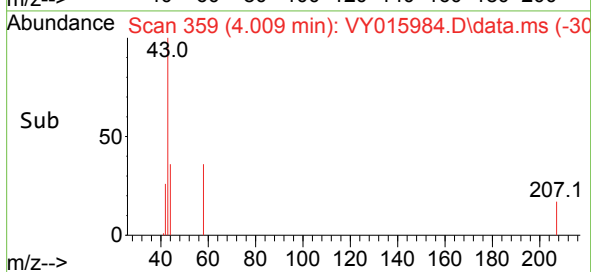
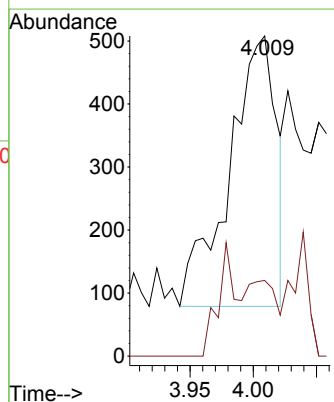
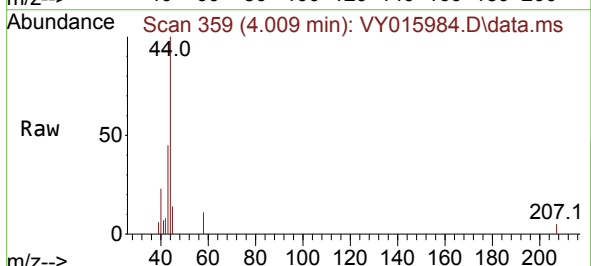


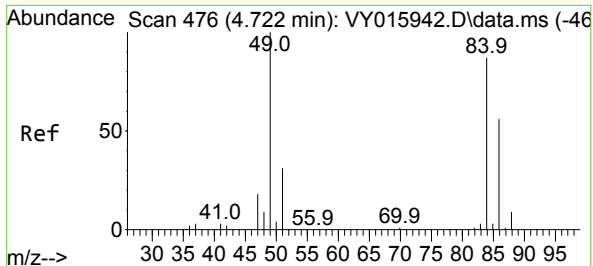
Tgt Ion: 56 Resp: 411
Ion Ratio Lower Upper
56 100
55 28.7 57.0 85.4#



#16
Acetone
Concen: 1.219 ug/l
RT: 4.009 min Scan# 359
Delta R.T. 0.037 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1





#20

Methylene Chloride

Concen: 1.583 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.006 min

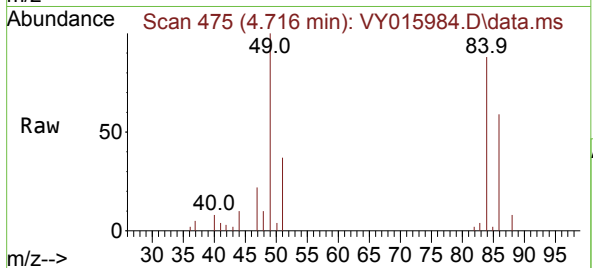
Lab File: VY015984.D

Acq: 16 Oct 2023 15:06

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 9767

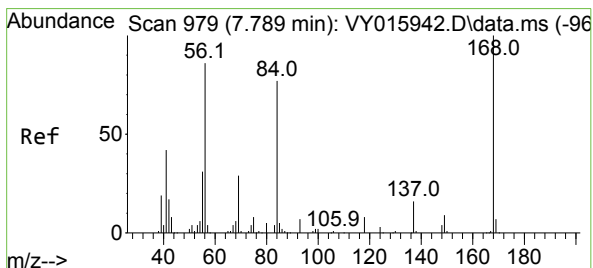
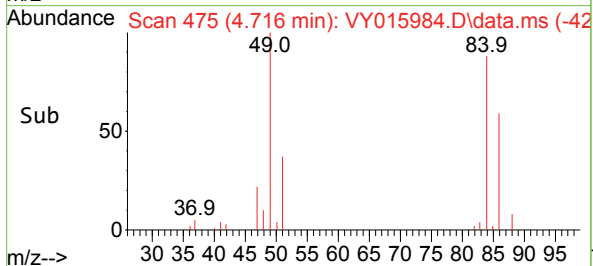
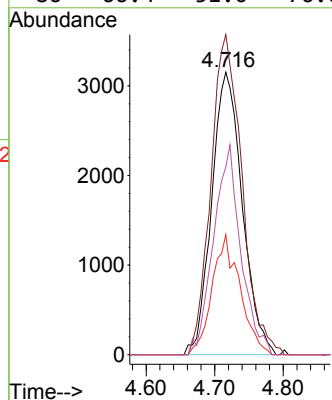
Ion Ratio Lower Upper

84 100

49 113.3 106.9 160.3

51 42.5 33.2 49.8

86 66.4 51.0 76.6



#31

Cyclohexane

Concen: 1.009 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY015984.D

Acq: 16 Oct 2023 15:06

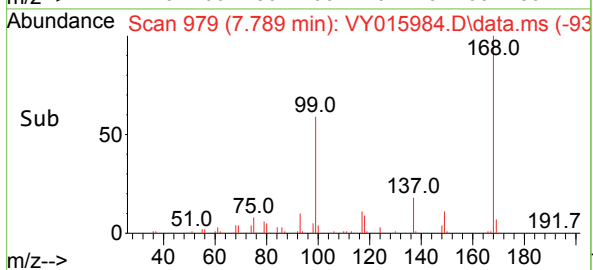
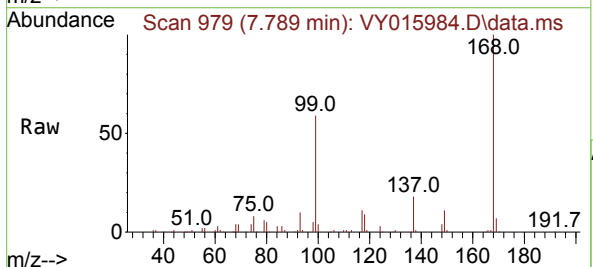
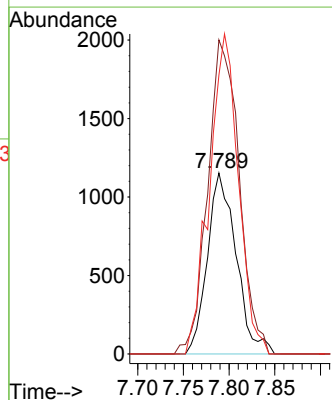
Tgt Ion: 56 Resp: 2523

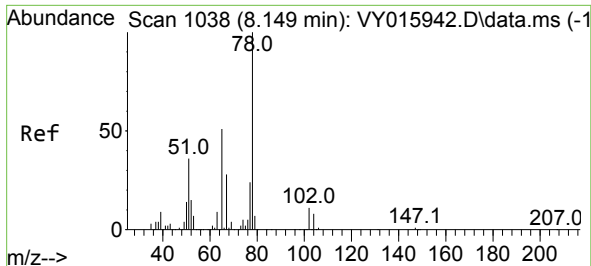
Ion Ratio Lower Upper

56 100

69 173.5 27.8 41.6#

84 154.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.326 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY015984.D

Acq: 16 Oct 2023 15:06

Instrument :

MSVOA_Y

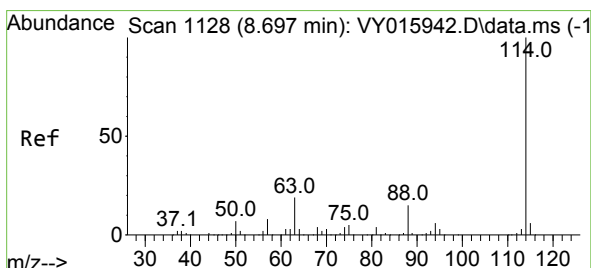
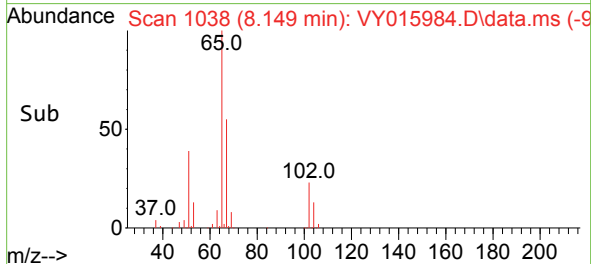
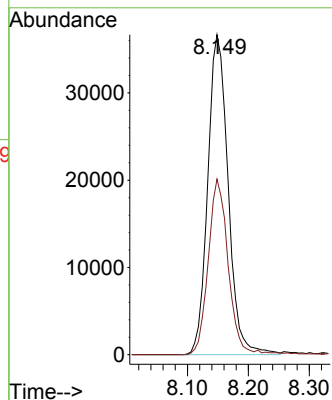
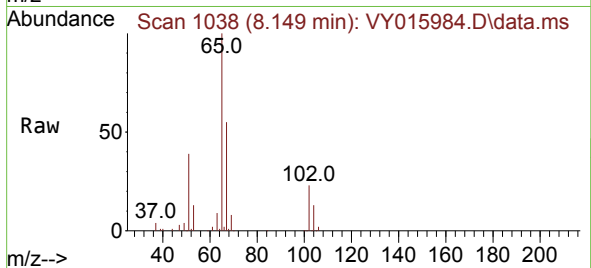
ClientSampleId :

Tgt Ion: 65 Resp: 85358

Ion Ratio Lower Upper

65 100

67 53.7 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: VY015984.D

Acq: 16 Oct 2023 15:06

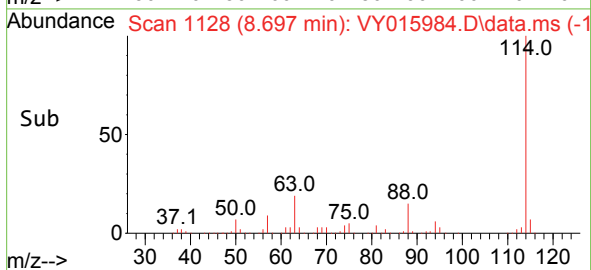
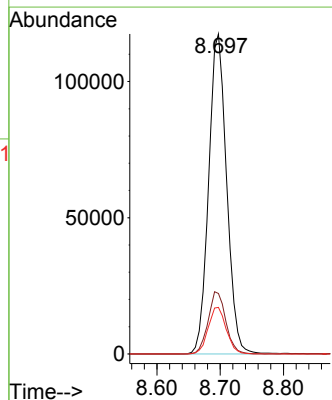
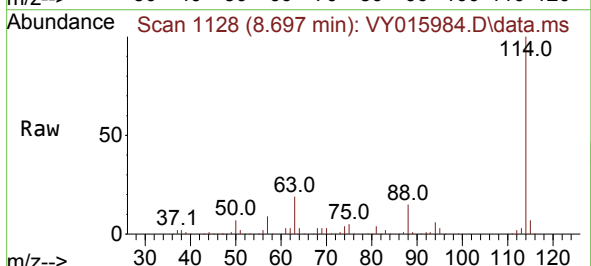
Tgt Ion: 114 Resp: 232128

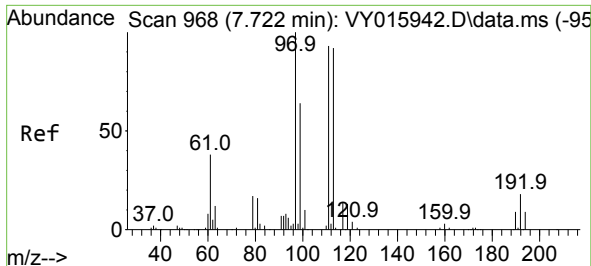
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

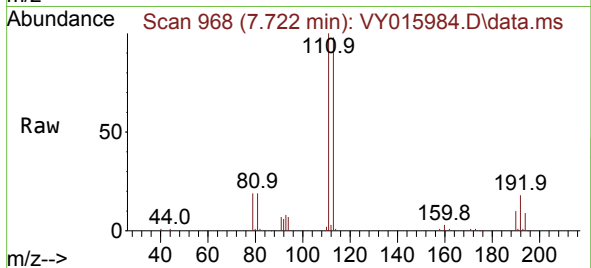
88 14.6 0.0 30.6



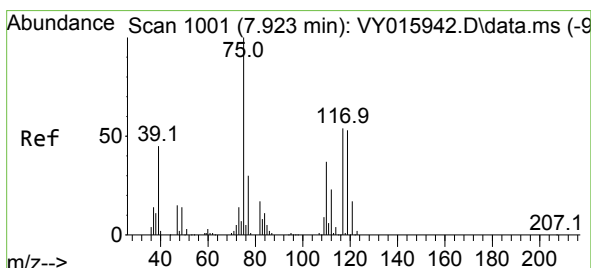
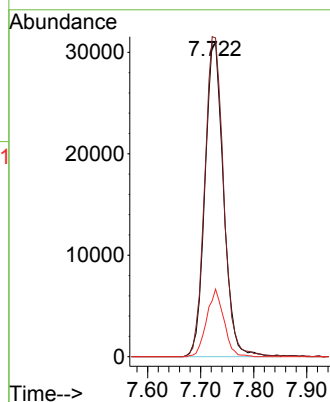
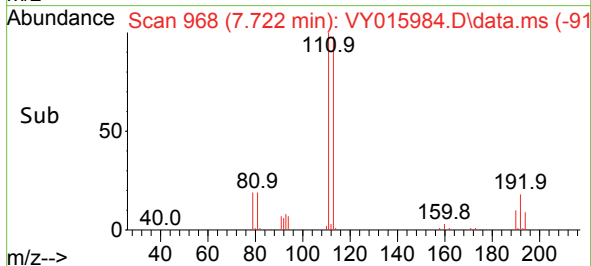


#35
Dibromofluoromethane
Concen: 51.651 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

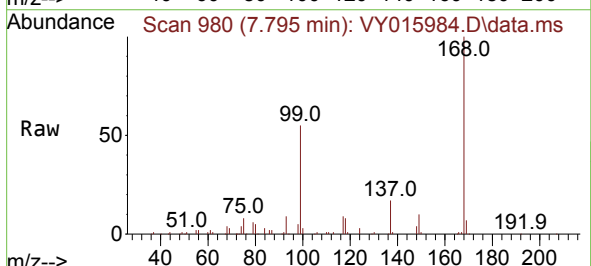
Instrument :
MSVOA_Y
ClientSampleId :



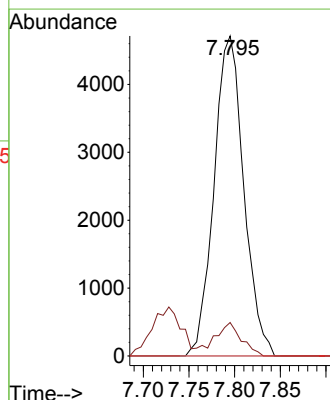
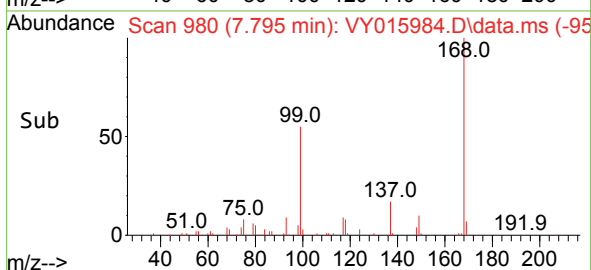
Tgt Ion:113 Resp: 75482
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.9 16.9 25.3

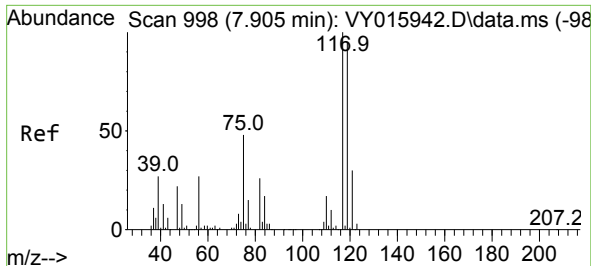


#36
1,1-Dichloropropene
Concen: 4.840 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06



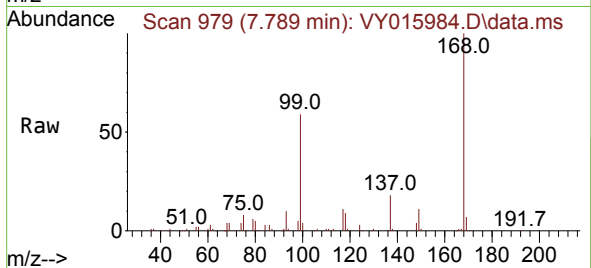
Tgt Ion: 75 Resp: 10673
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



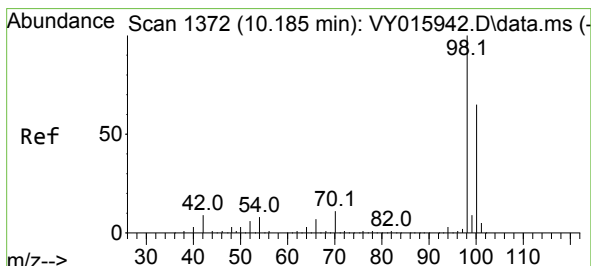
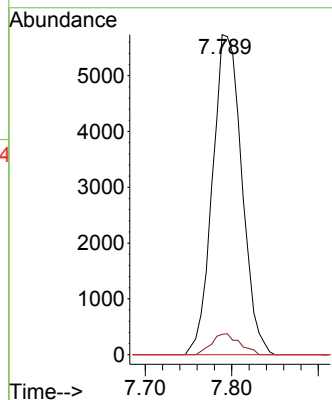
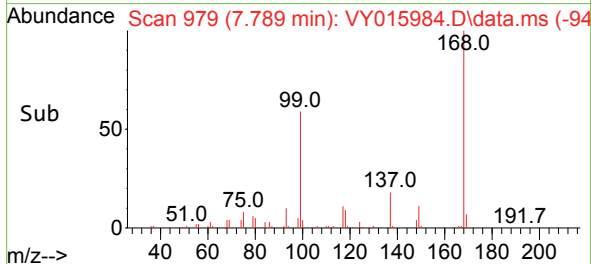


#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :

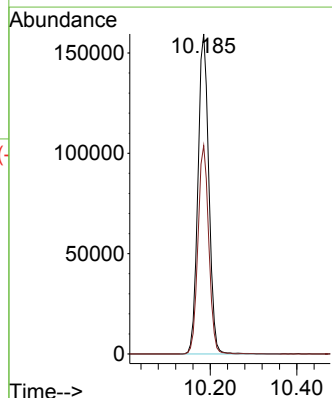
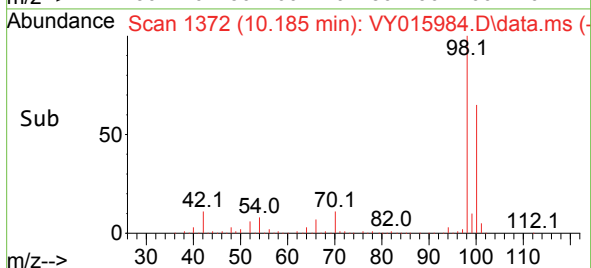
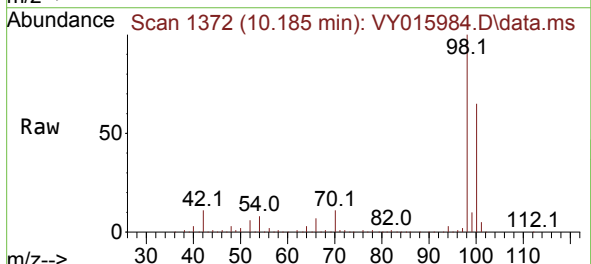


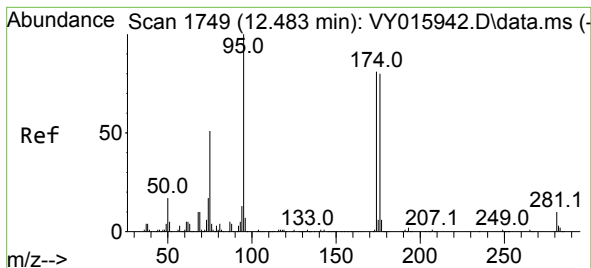
Tgt Ion:117 Resp: 13497
Ion Ratio Lower Upper
117 100
119 6.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.682 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

Tgt Ion: 98 Resp: 277369
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1

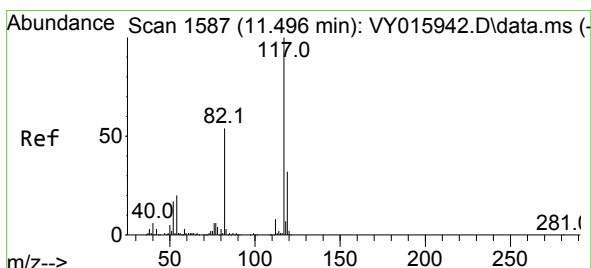
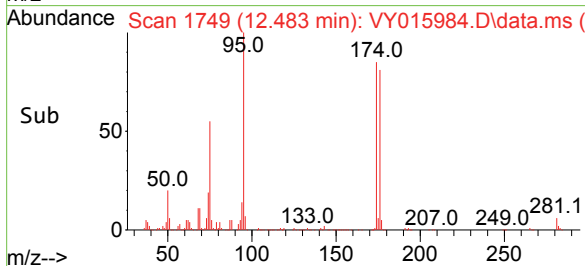
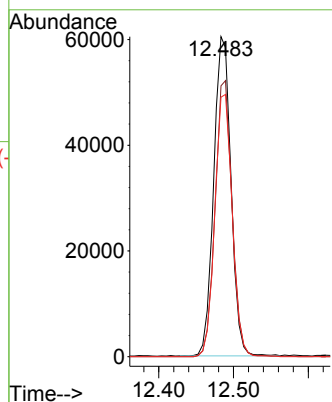
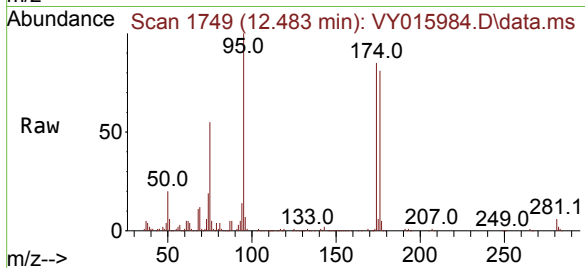




#62
4-Bromofluorobenzene
Concen: 49.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

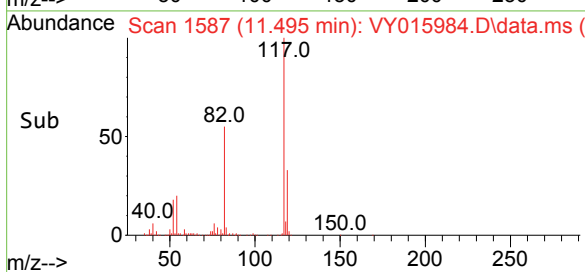
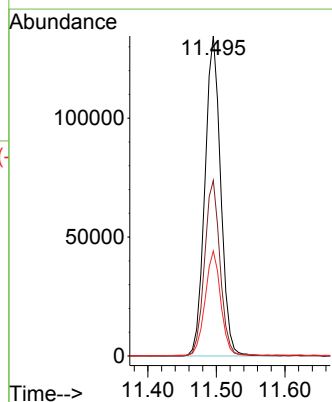
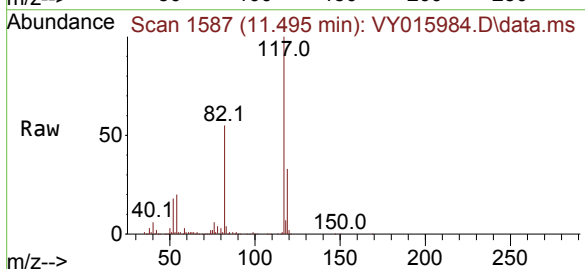
Instrument :
MSVOA_Y
ClientSampleId :

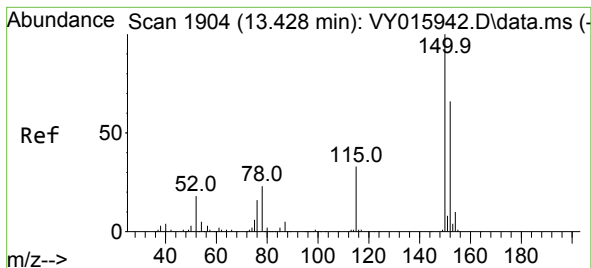
Tgt Ion: 95 Resp: 96797
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

Tgt Ion: 117 Resp: 215724
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.6 26.3 39.5

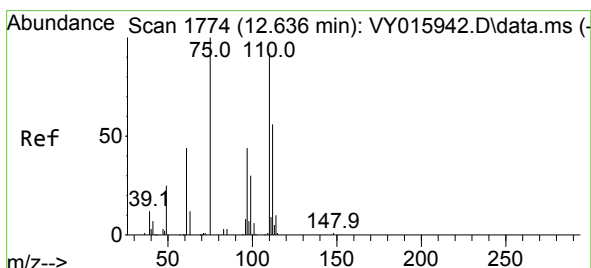
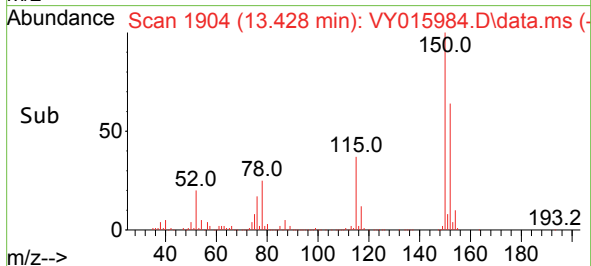
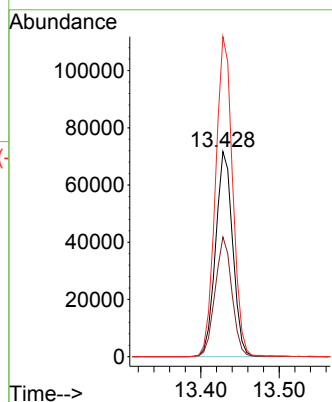
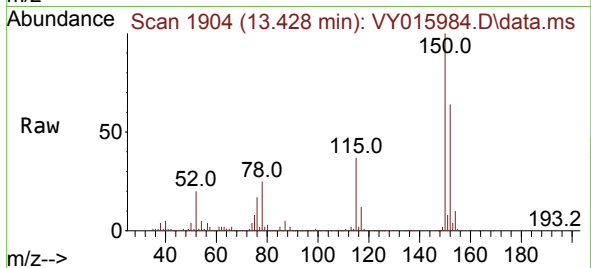




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY015984.D
 Acq: 16 Oct 2023 15:06

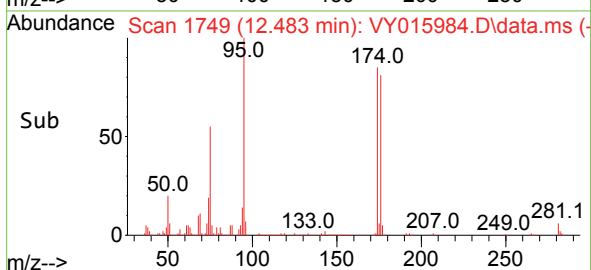
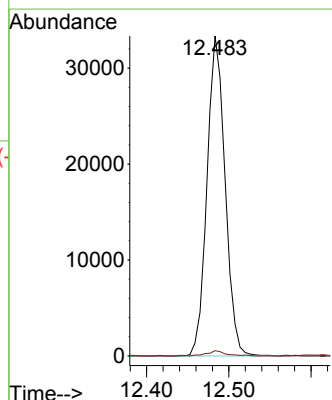
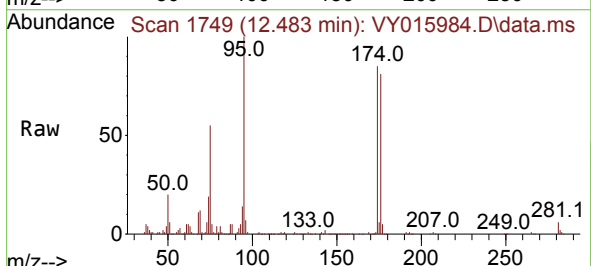
Instrument :
 MSVOA_Y
 ClientSampleId :

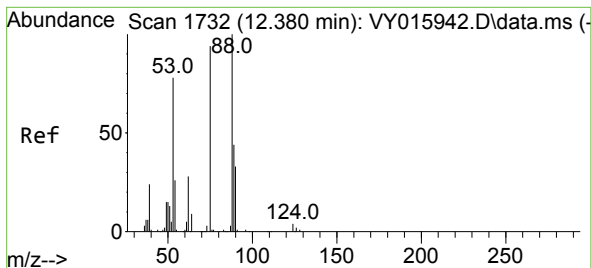
Tgt Ion:152 Resp: 108856
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 156.6 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 23.974 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY015984.D
 Acq: 16 Oct 2023 15:06

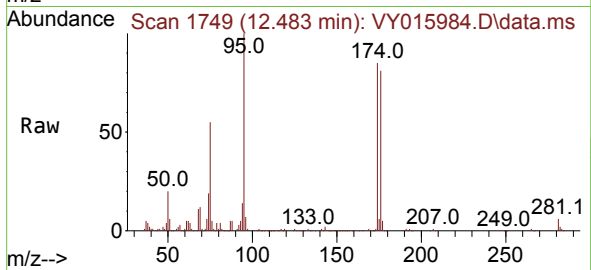
Tgt Ion: 75 Resp: 51073
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.476 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	51073
Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.8	116.8#
89	0.1	37.4	56.0#

