

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016703.D
 Acq On : 19 Dec 2023 19:16
 Operator : SY/MD
 Sample : 05796-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:38:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

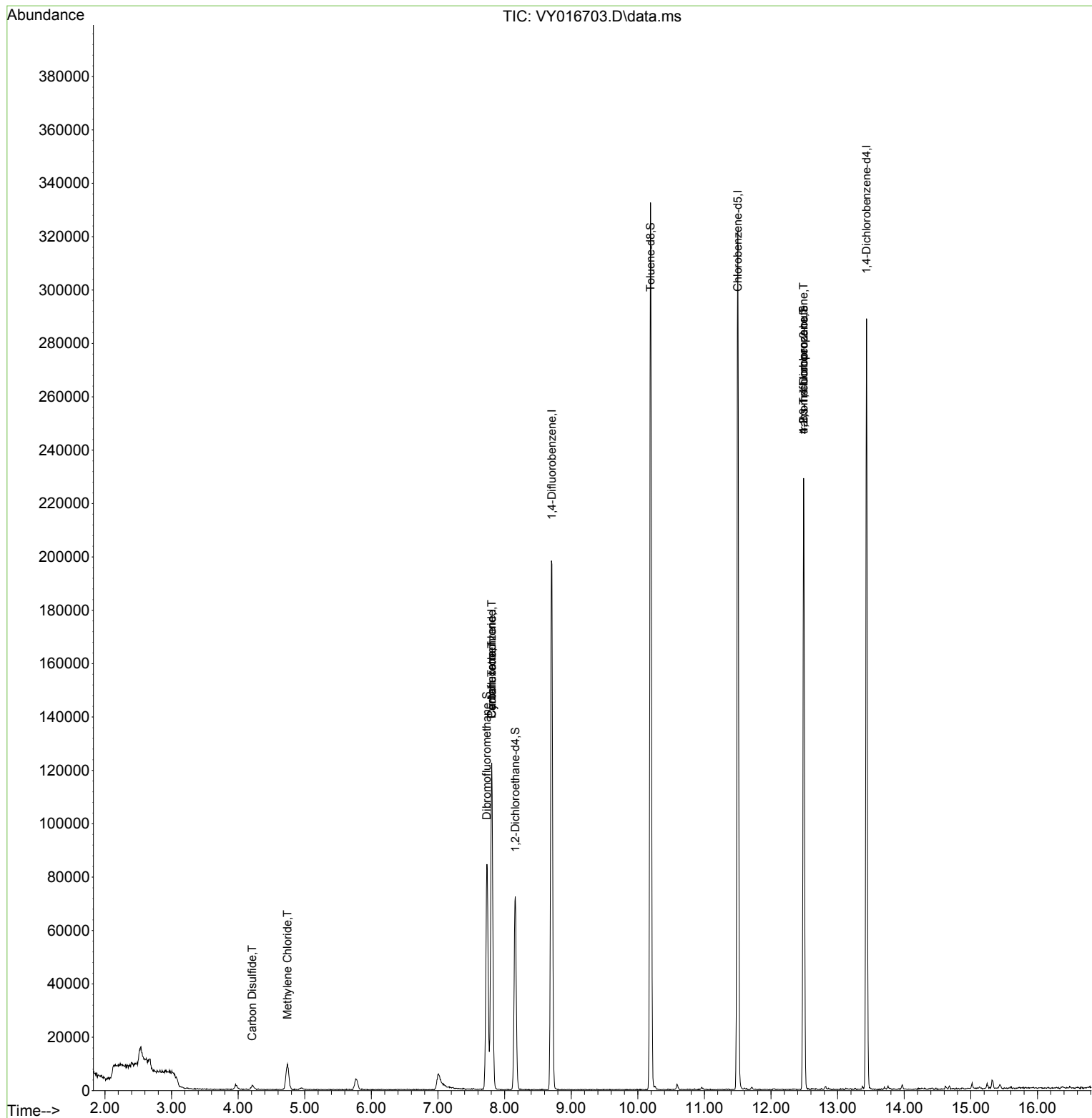
Internal Standards						
1) Pentafluorobenzene	7.807	168	98172	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	177086	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	171565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56887	70.056	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.120%	
35) Dibromofluoromethane	7.734	113	59343	56.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.800%	
50) Toluene-d8	10.191	98	214531	56.796	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.600%	
62) 4-Bromofluorobenzene	12.489	95	59435	55.341	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	48	Below Cal	#	43
3) Chloromethane	2.125	50	413	Below Cal	#	41
11) Tert butyl alcohol	4.954	59	733	Below Cal	#	73
16) Acetone	3.973	43	3250	Below Cal	#	83
17) Carbon Disulfide	4.210	76	2315	1.058	ug/l #	81
20) Methylene Chloride	4.741	84	7716	3.977	ug/l	94
25) 2-Butanone	6.996	43	831	Below Cal	#	86
31) Cyclohexane	7.807	56	2062	1.551	ug/l #	14
38) Carbon Tetrachloride	7.807	117	8847	5.197	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	34449	55.662	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	34449	127.711	ug/l #	18

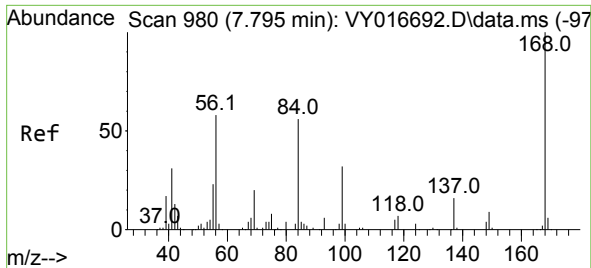
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
Data File : VY016703.D
Acq On : 19 Dec 2023 19:16
Operator : SY/MD
Sample : 05796-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 20 06:38:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 20 05:26:40 2023
Response via : Initial Calibration

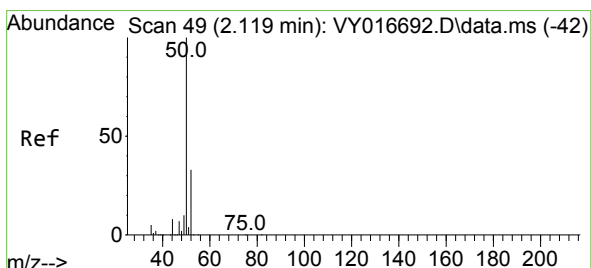
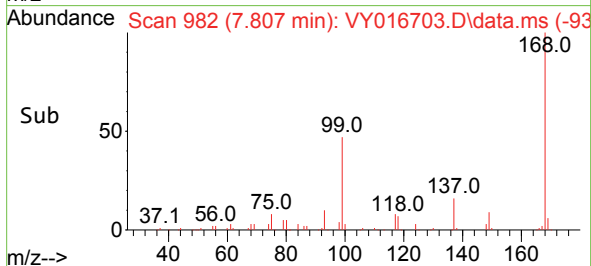
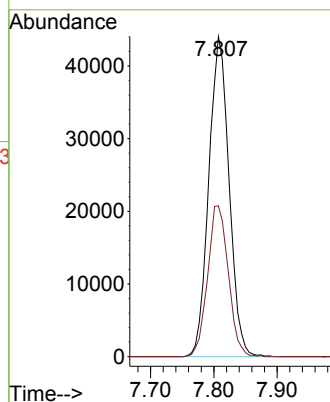
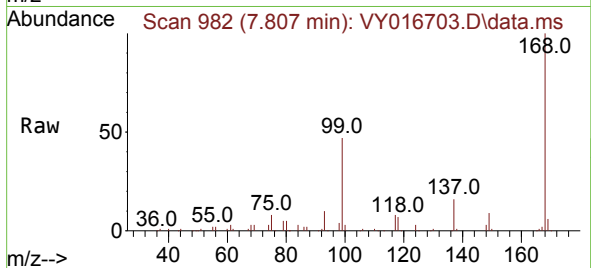




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

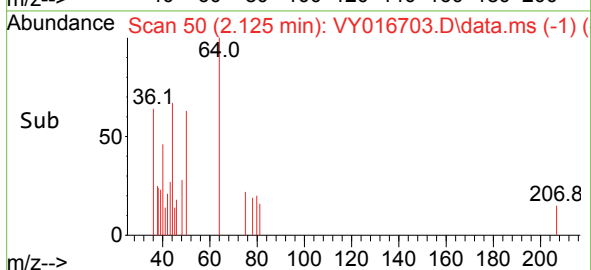
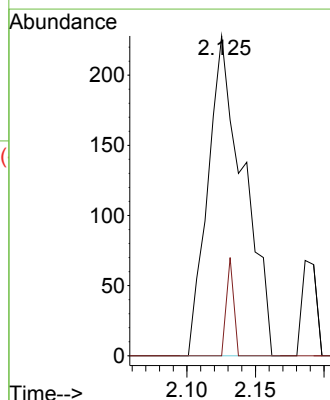
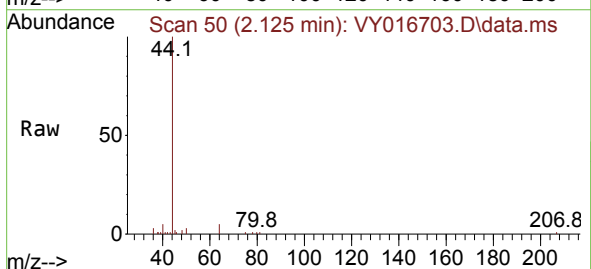
Instrument :
MSVOA_Y
ClientSampleId :

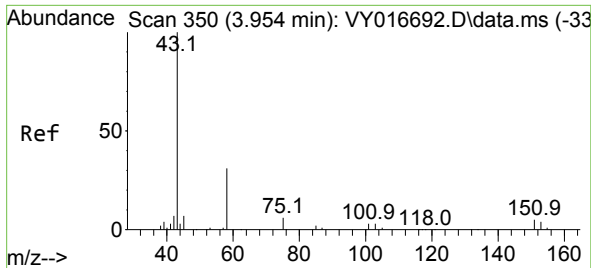
Tgt Ion:168 Resp: 98172
Ion Ratio Lower Upper
168 100
99 47.2 40.2 60.4



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

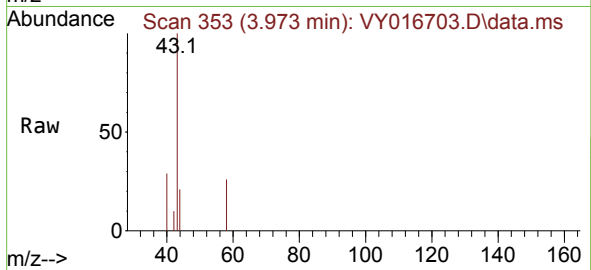
Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



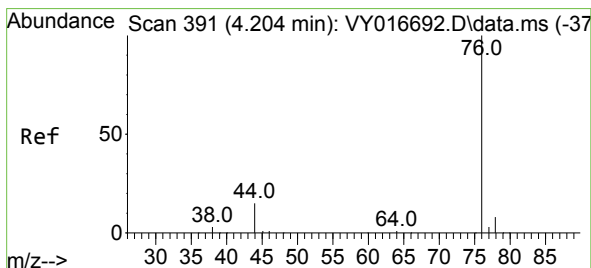
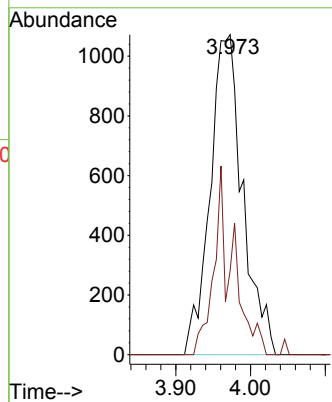
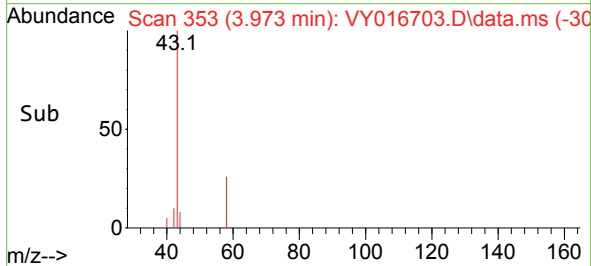


#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 311
Delta R.T. 0.019 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

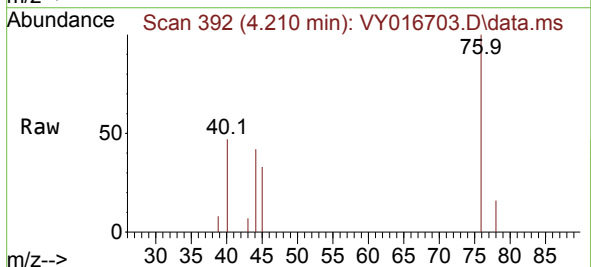
Instrument :
MSVOA_Y
ClientSampleId :



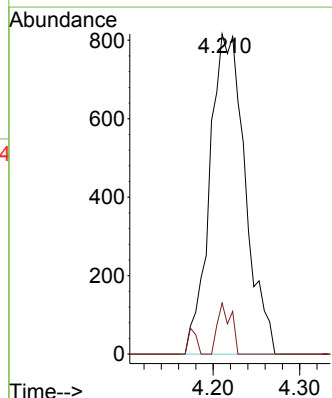
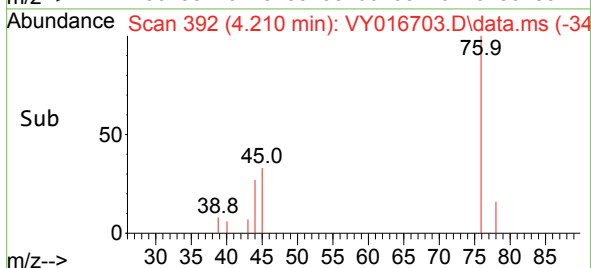
Tgt Ion: 43 Resp: 3250
Ion Ratio Lower Upper
43 100
58 26.2 29.0 43.4#

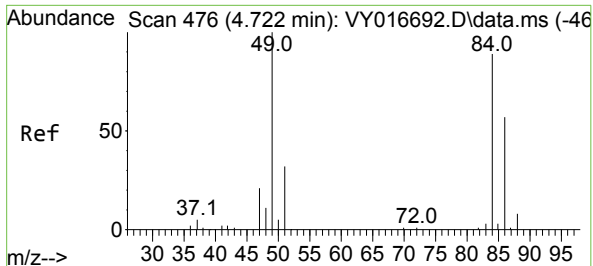


#17
Carbon Disulfide
Concen: 1.058 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16



Tgt Ion: 76 Resp: 2315
Ion Ratio Lower Upper
76 100
78 15.9 7.3 10.9#





#20

Methylene Chloride

Concen: 3.977 ug/l

RT: 4.741 min Scan# 41

Delta R.T. 0.019 min

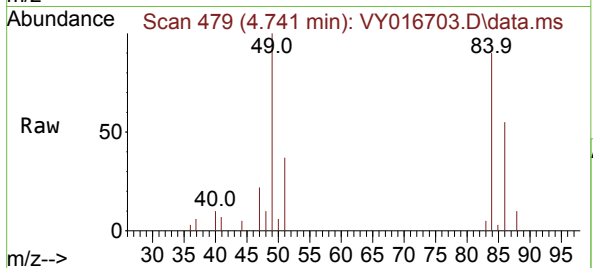
Lab File: VY016703.D

Acq: 19 Dec 2023 19:16

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 7716

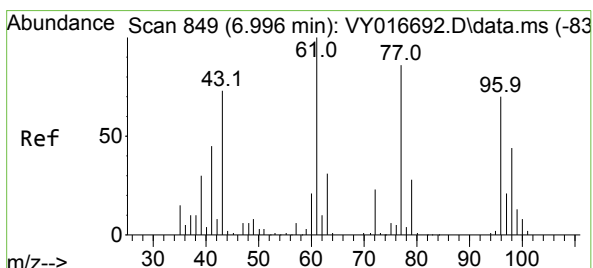
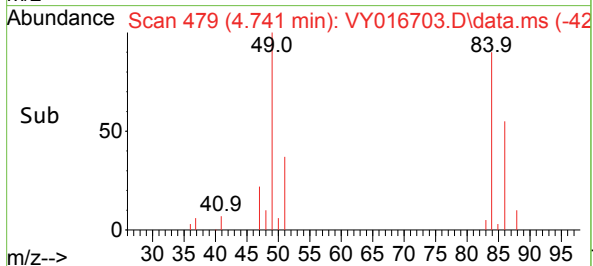
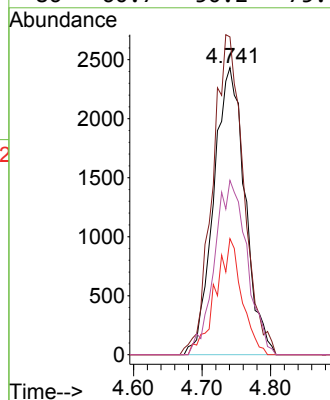
Ion Ratio Lower Upper

84 100

49 110.7 83.8 125.8

51 40.4 27.2 40.8

86 60.7 50.2 75.4



#25

2-Butanone

Concen: Below Cal

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016703.D

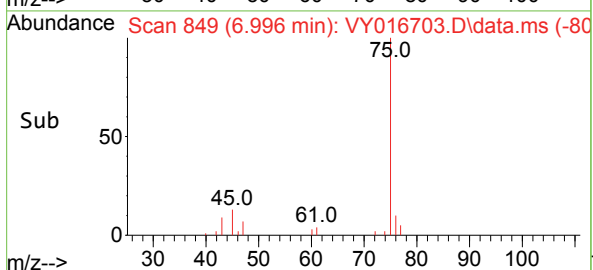
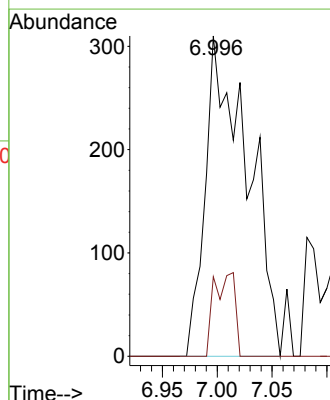
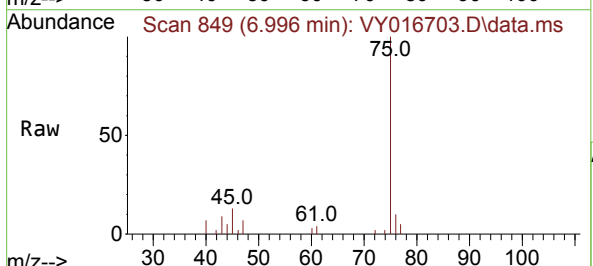
Acq: 19 Dec 2023 19:16

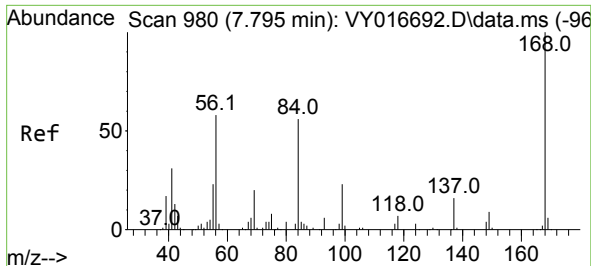
Tgt Ion: 43 Resp: 831

Ion Ratio Lower Upper

43 100

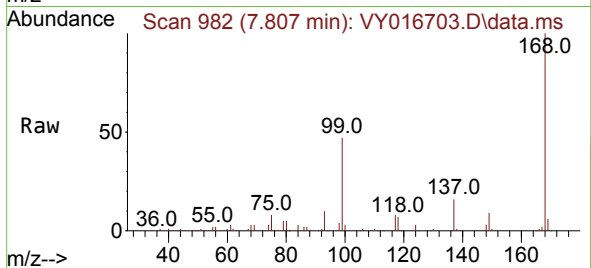
72 24.8 26.3 39.5#



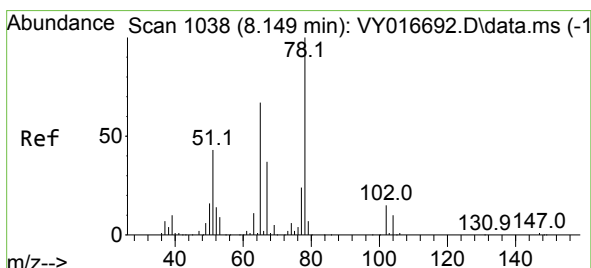
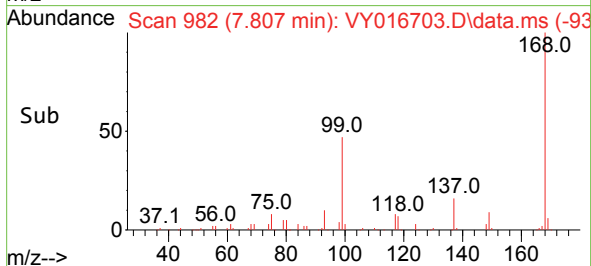
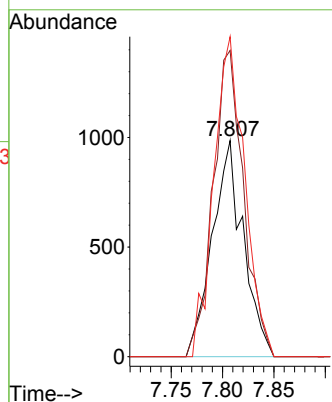


#31
Cyclohexane
Concen: 1.551 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :

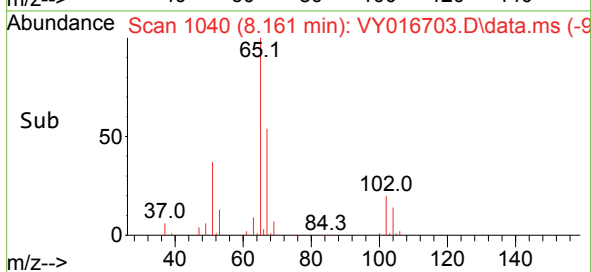
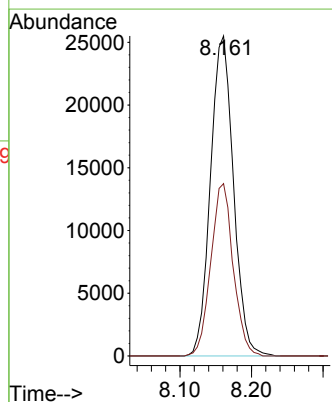
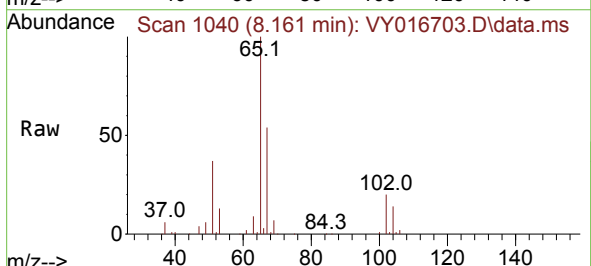


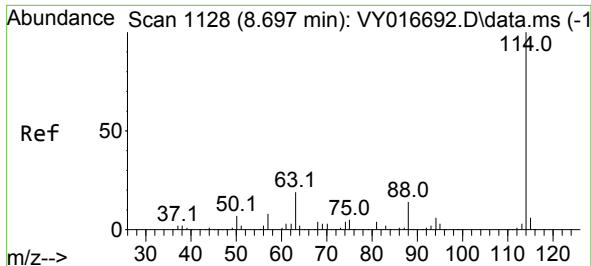
Tgt Ion: 56 Resp: 2062
Ion Ratio Lower Upper
56 100
69 141.7 27.5 41.3#
84 148.1 78.1 117.1#



#33
1,2-Dichloroethane-d4
Concen: 70.056 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

Tgt Ion: 65 Resp: 56887
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.6

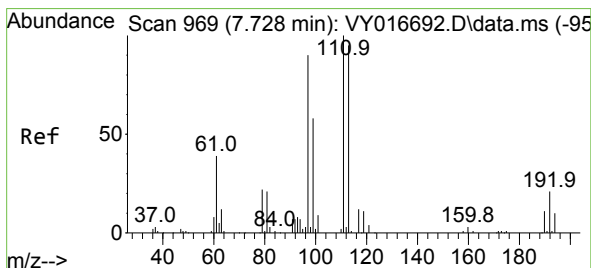
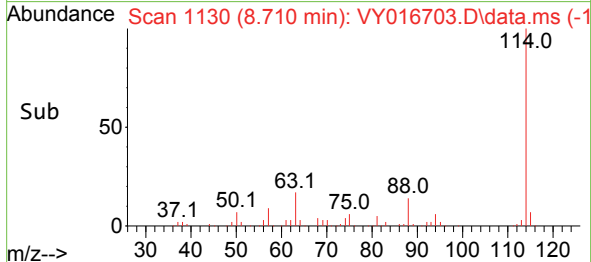
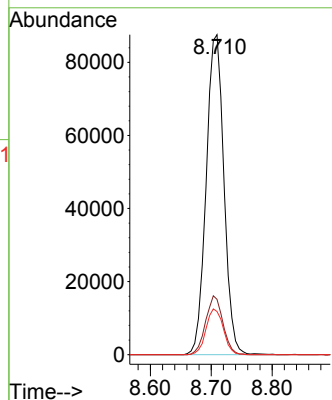
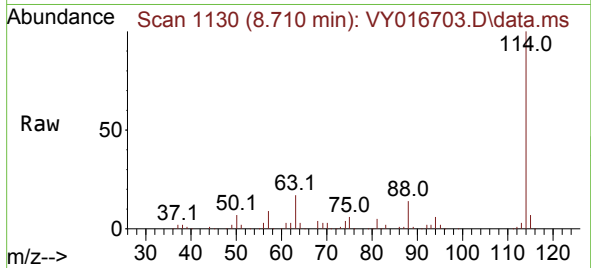




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

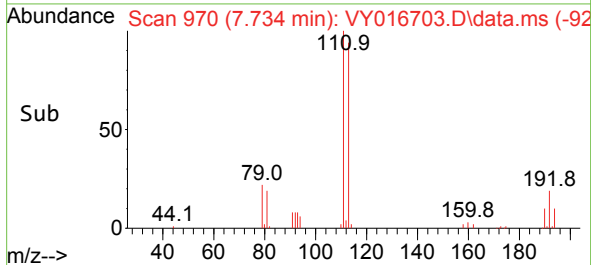
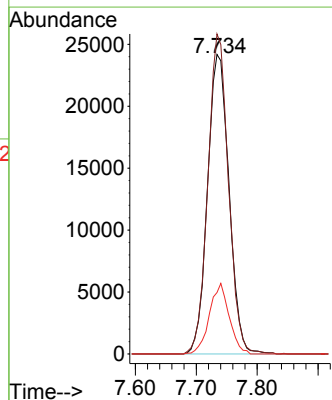
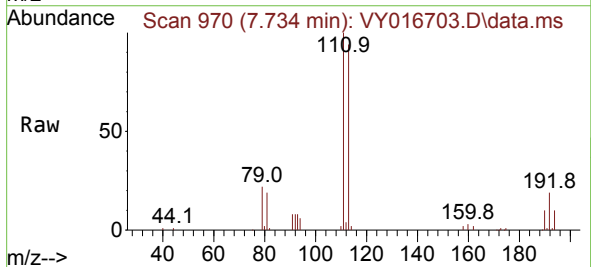
Instrument :
MSVOA_Y
ClientSampleId :

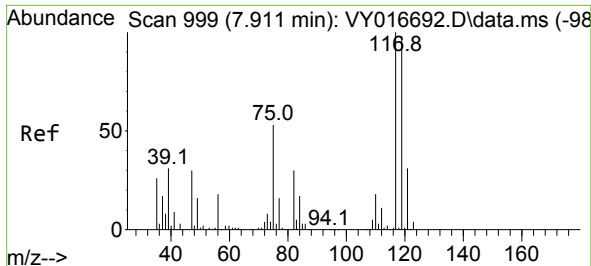
Tgt Ion:114 Resp: 177086
Ion Ratio Lower Upper
114 100
63 17.3 0.0 34.0
88 13.5 0.0 29.2



#35
Dibromofluoromethane
Concen: 56.898 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

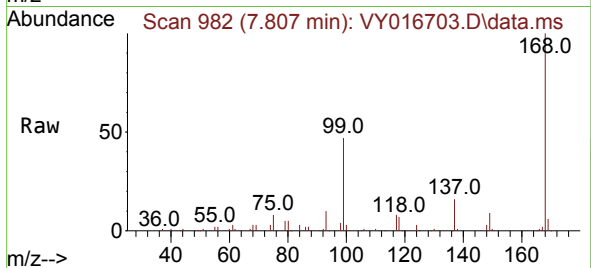
Tgt Ion:113 Resp: 59343
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 21.7 16.2 24.4



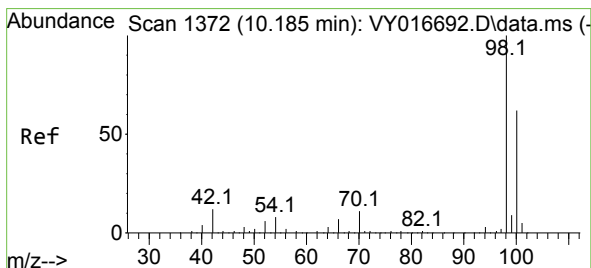
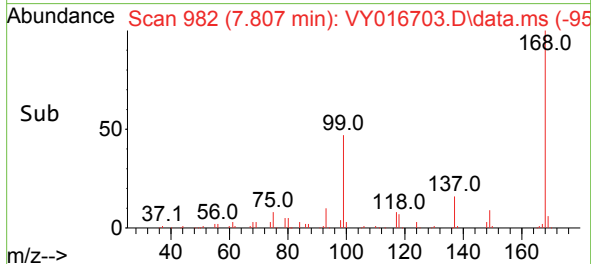
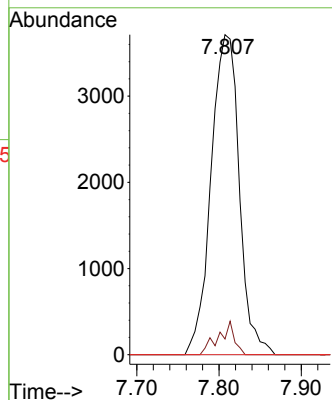


#38
Carbon Tetrachloride
Concen: 5.197 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :

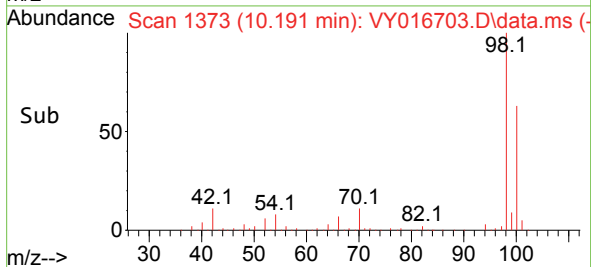
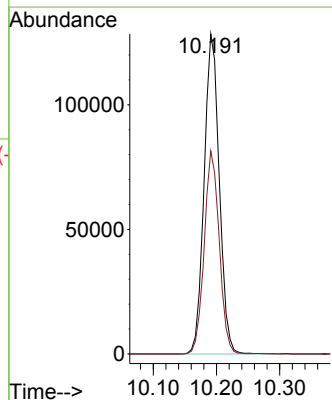
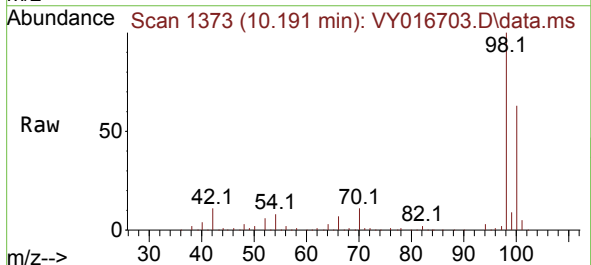


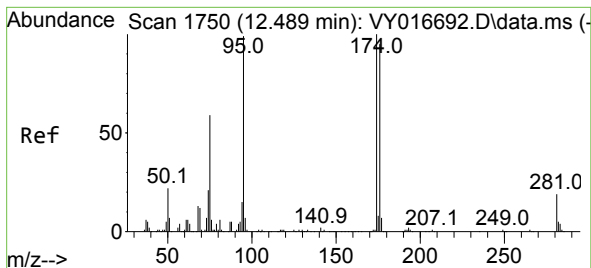
Tgt Ion:117 Resp: 8847
Ion Ratio Lower Upper
117 100
119 4.9 75.0 112.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 56.796 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

Tgt Ion: 98 Resp: 214531
Ion Ratio Lower Upper
98 100
100 62.9 52.5 78.7

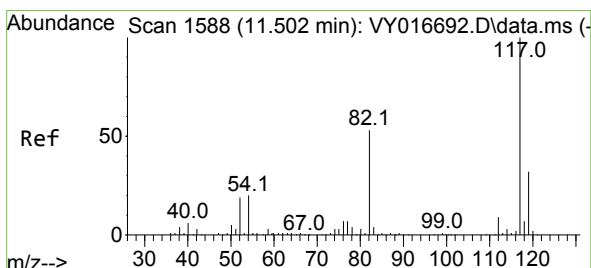
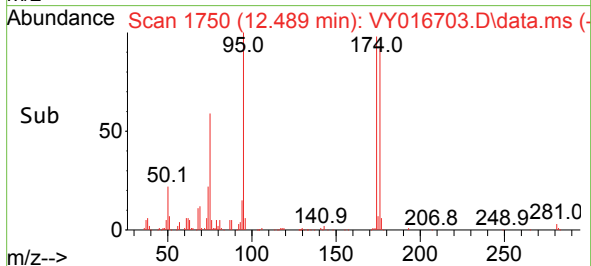
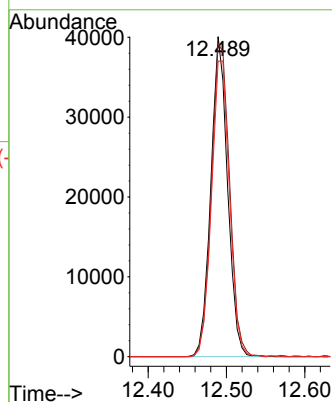
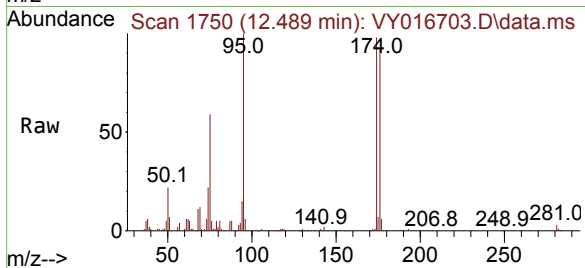




#62
4-Bromofluorobenzene
Concen: 55.341 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

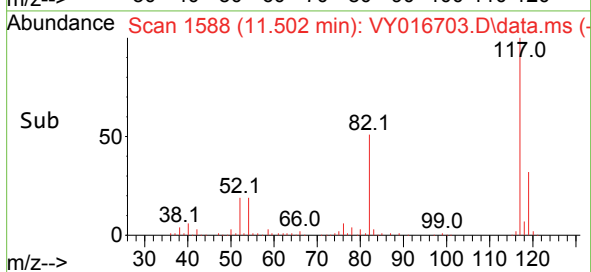
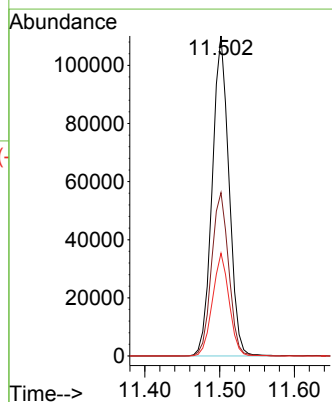
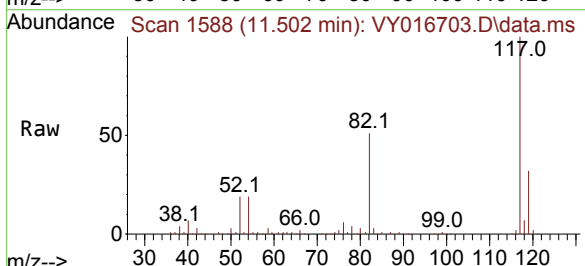
Instrument :
MSVOA_Y
ClientSampleId :

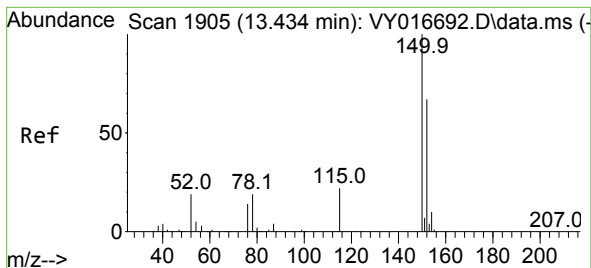
Tgt Ion: 95 Resp: 59435
Ion Ratio Lower Upper
95 100
174 106.6 0.0 181.0
176 99.7 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016703.D
Acq: 19 Dec 2023 19:16

Tgt Ion: 117 Resp: 171565
Ion Ratio Lower Upper
117 100
82 51.1 41.0 61.6
119 32.1 25.8 38.8

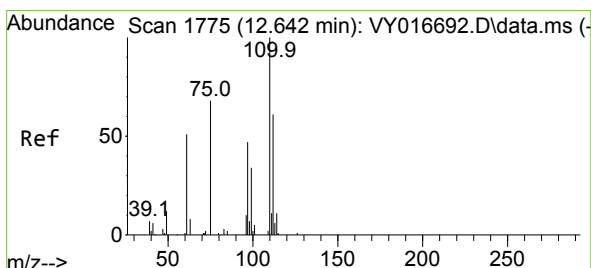
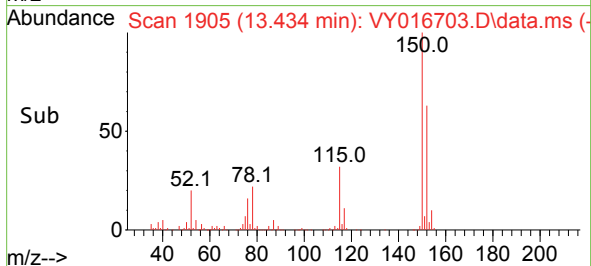
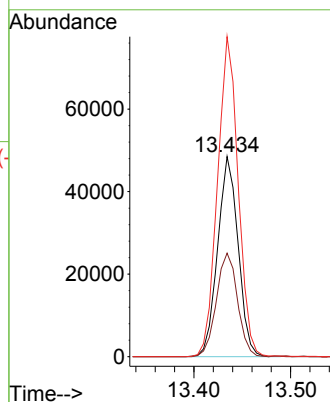
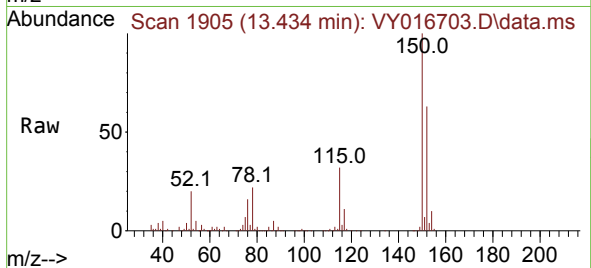




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016703.D
 Acq: 19 Dec 2023 19:16

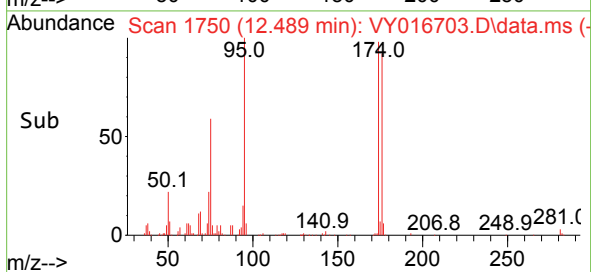
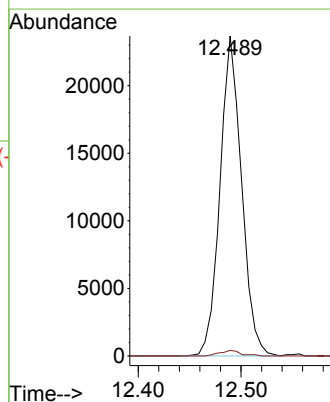
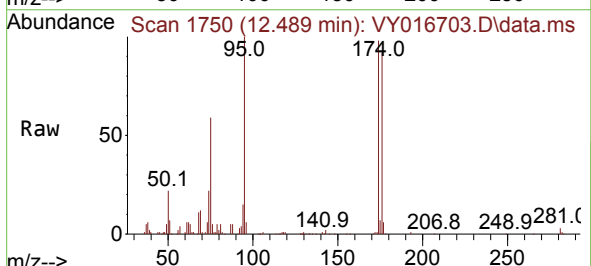
Instrument :
 MSVOA_Y
 ClientSampleId :

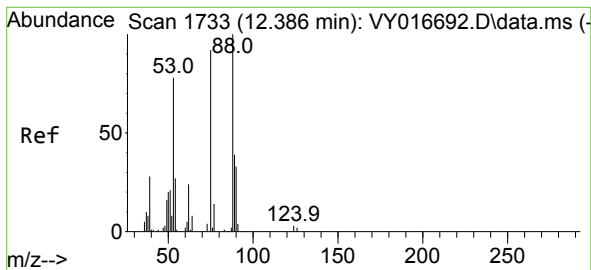
Tgt Ion:152 Resp: 71198
 Ion Ratio Lower Upper
 152 100
 115 53.3 28.2 84.7
 150 161.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 55.662 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY016703.D
 Acq: 19 Dec 2023 19:16

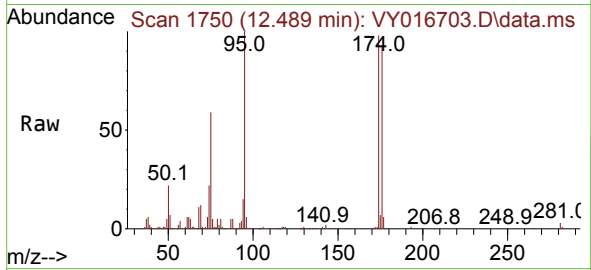
Tgt Ion: 75 Resp: 34449
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.711 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016703.D
 Acq: 19 Dec 2023 19:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 34449
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.9 94.3#
 89 0.0 35.8 53.8#

