

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016007.D
 Acq On : 17 Oct 2023 16:21
 Operator : SY/MD
 Sample : 04905-01
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 06:09:23 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

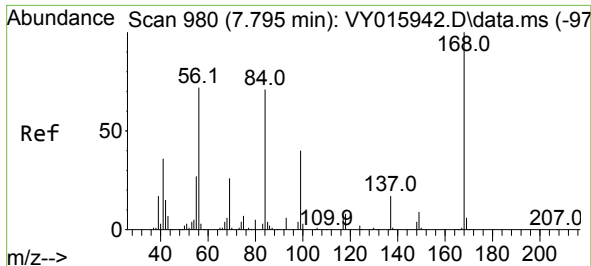
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	120961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76318	55.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.560%	
35) Dibromofluoromethane	7.722	113	69513	53.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.540%	
50) Toluene-d8	10.179	98	243337	49.794	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	12.483	95	80379	46.191	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	683	Below Cal		92
13) Acrolein	3.741	56	995	3.816	ug/l	88
16) Acetone	4.003	43	10361	12.920	ug/l	99
17) Carbon Disulfide	4.186	76	10553	2.935	ug/l	99
20) Methylene Chloride	4.716	84	4101	Below Cal		94
25) 2-Butanone	7.015	43	1478	1.266	ug/l	99
31) Cyclohexane	7.789	56	2353	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9212	4.679	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11760	5.671	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	42226	23.574	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42226	55.532	ug/l #	10
95) Naphthalene	15.239	128	19888	3.182	ug/l	99

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

Quant Time: Oct 18 06:09:23 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

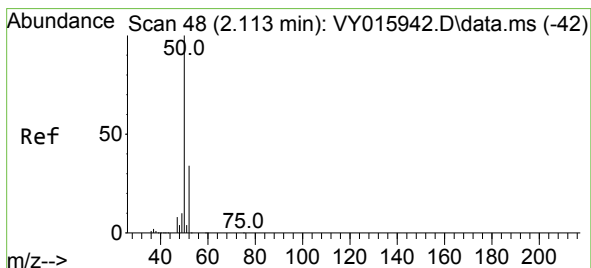
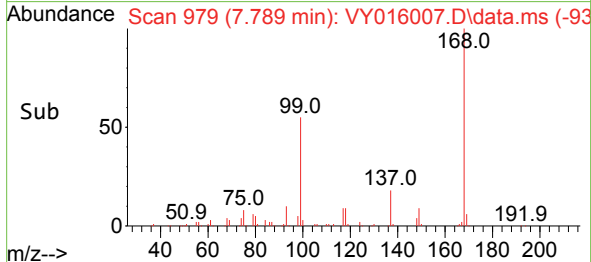
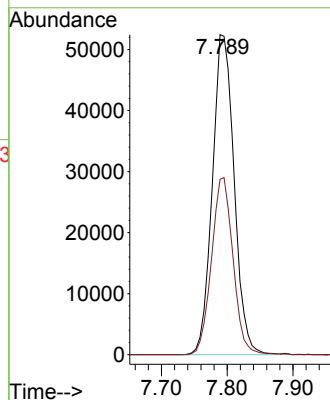
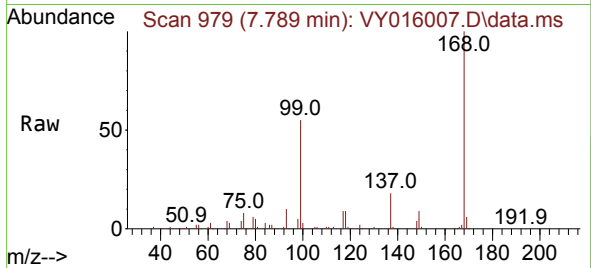




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

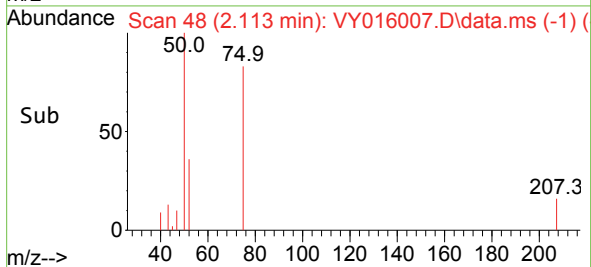
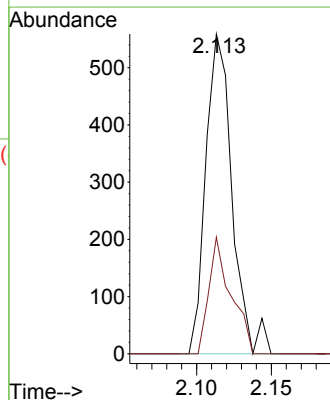
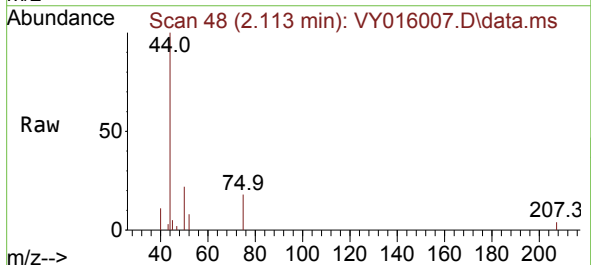
Instrument :
MSVOA_Y
ClientSampleId :

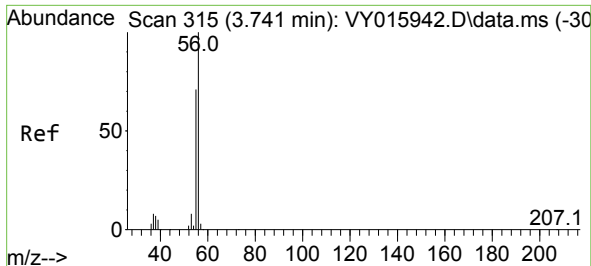
Tgt Ion:168 Resp: 120961
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

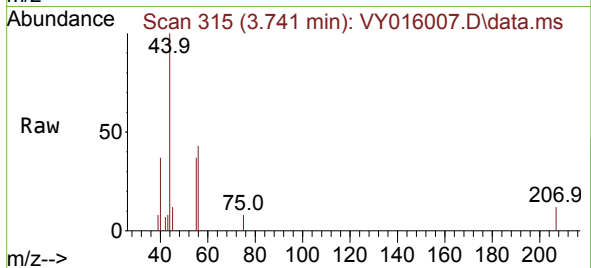
Tgt Ion: 50 Resp: 683
Ion Ratio Lower Upper
50 100
52 36.5 25.4 38.2



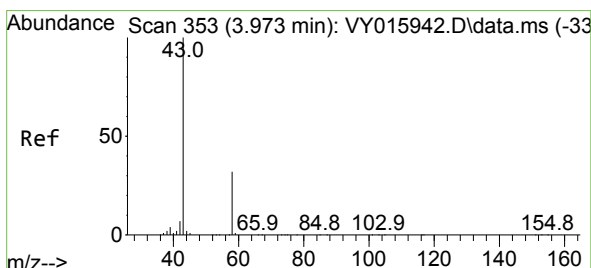
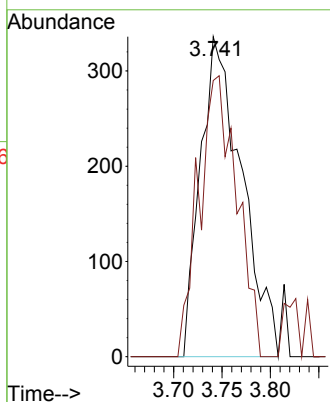
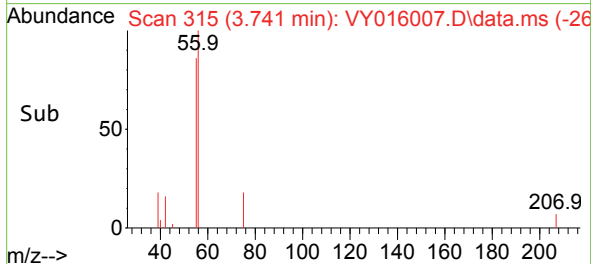


#13
Acrolein
Concen: 3.816 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

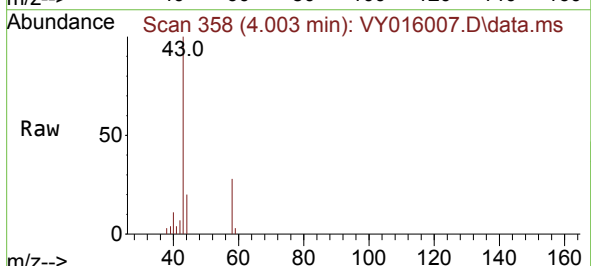
Instrument :
MSVOA_Y
ClientSampleId :



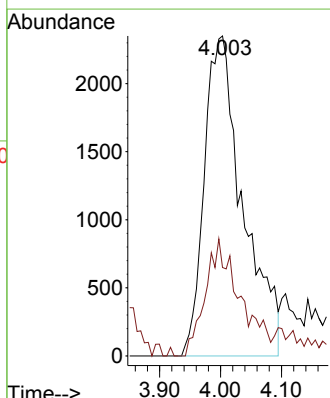
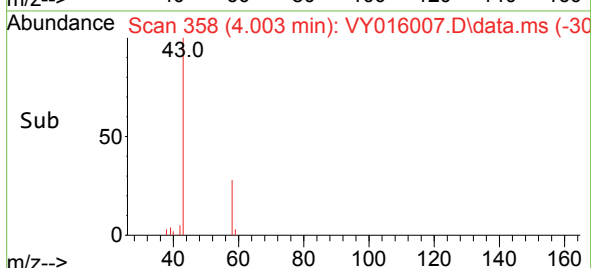
Tgt Ion: 56 Resp: 995
Ion Ratio Lower Upper
56 100
55 81.0 57.0 85.4

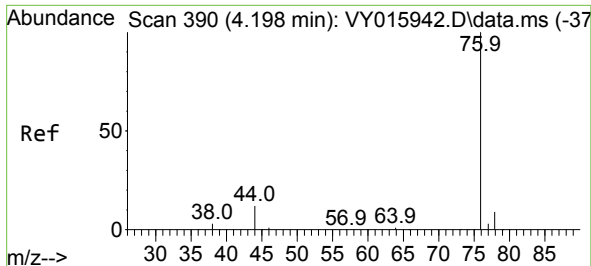


#16
Acetone
Concen: 12.920 ug/l
RT: 4.003 min Scan# 358
Delta R.T. 0.031 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21



Tgt Ion: 43 Resp: 10361
Ion Ratio Lower Upper
43 100
58 27.6 22.7 34.1

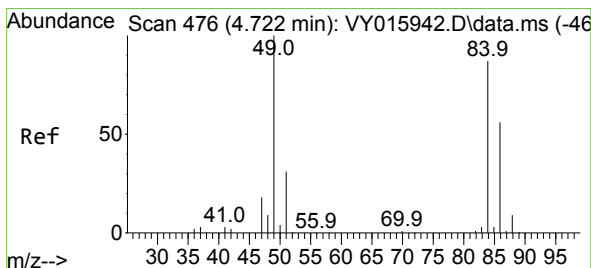
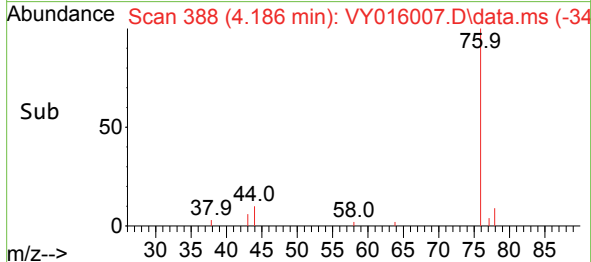
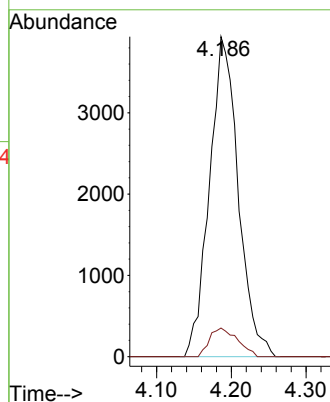
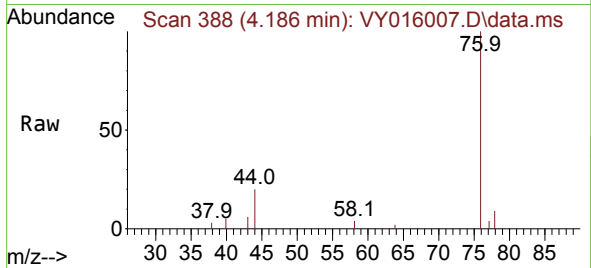




#17
Carbon Disulfide
Concen: 2.935 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

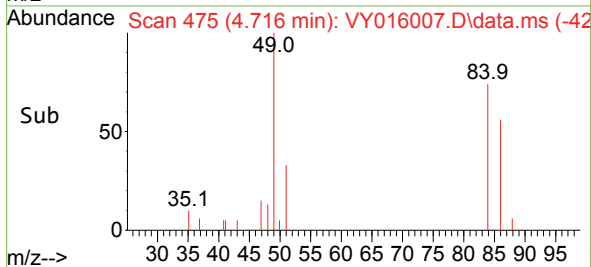
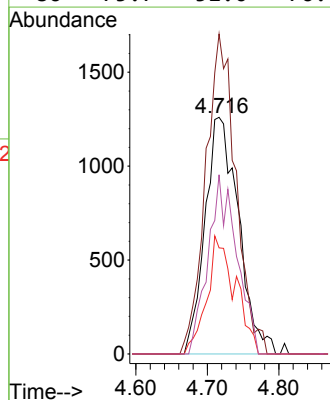
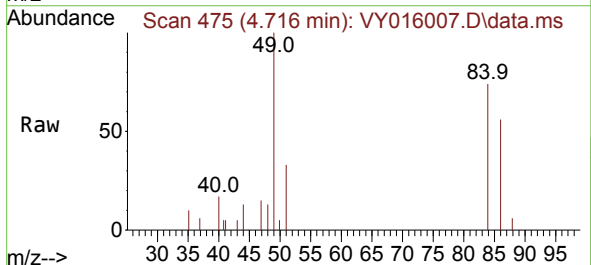
Instrument :
MSVOA_Y
ClientSampleId :

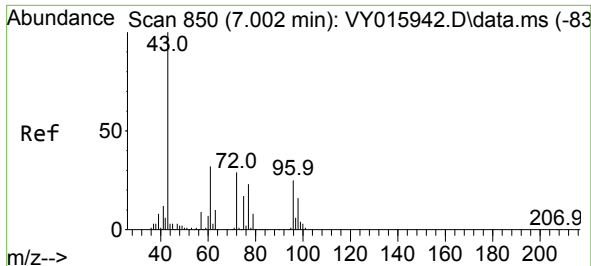
Tgt Ion: 76 Resp: 10553
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

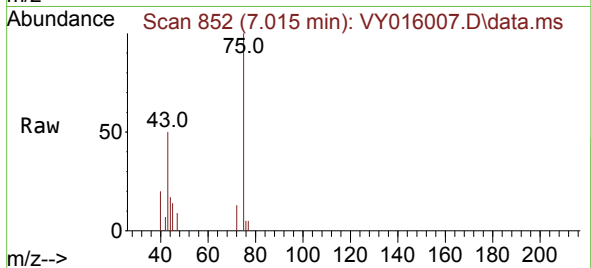
Tgt Ion: 84 Resp: 4101
Ion Ratio Lower Upper
84 100
49 135.2 106.9 160.3
51 44.8 33.2 49.8
86 75.7 51.0 76.6



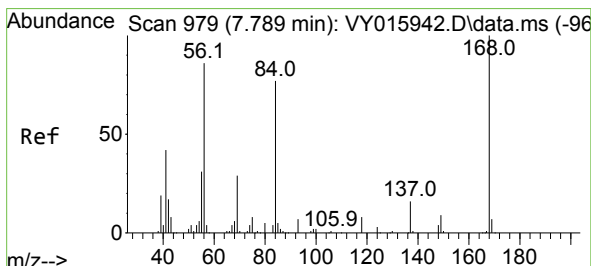
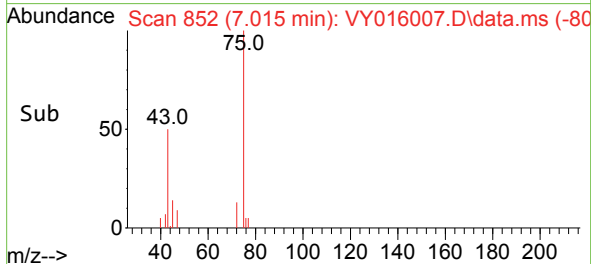
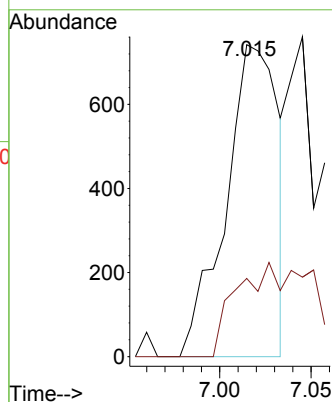


#25
2-Butanone
Concen: 1.266 ug/l
RT: 7.015 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :

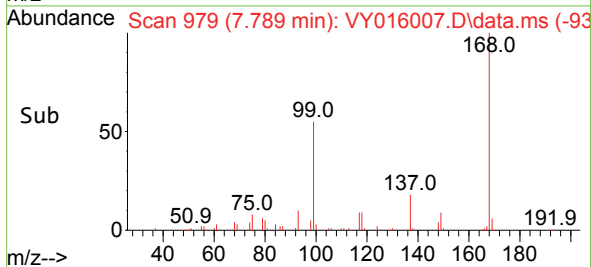
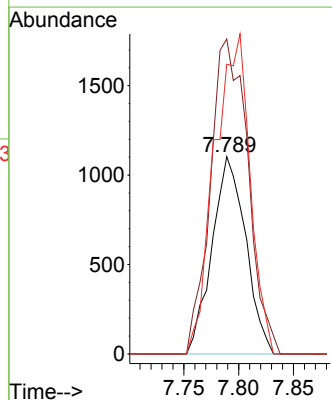
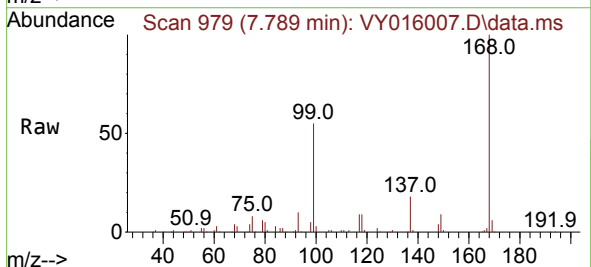


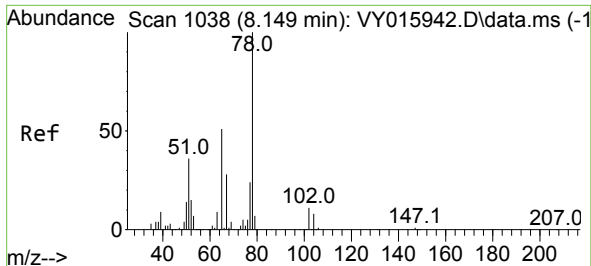
Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
72 25.1 20.5 30.7



#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

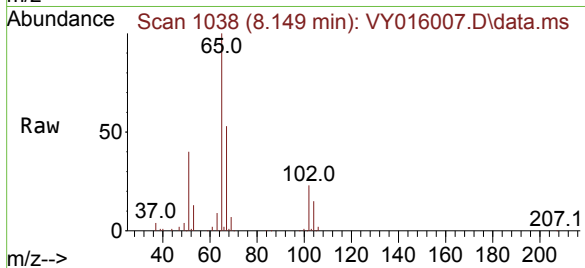
Tgt Ion: 56 Resp: 2353
Ion Ratio Lower Upper
56 100
69 159.7 27.8 41.6#
84 146.9 66.4 99.6#



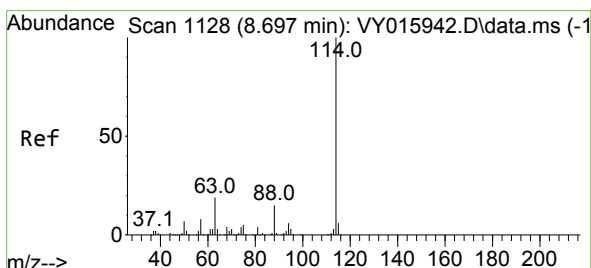
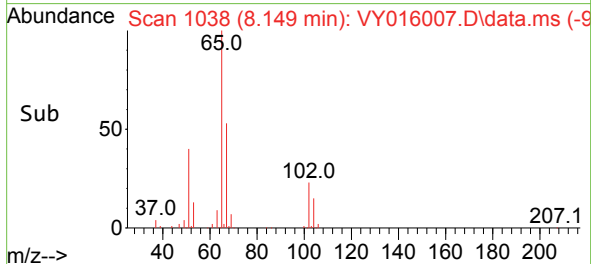
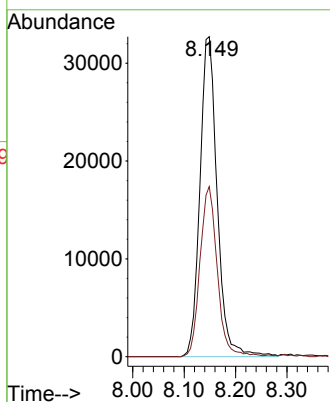


#33
 1,2-Dichloroethane-d4
 Concen: 55.283 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VY016007.D
 Acq: 17 Oct 2023 16:21

Instrument :
 MSVOA_Y
 ClientSampleId :

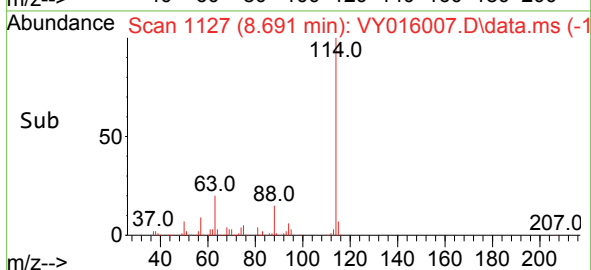
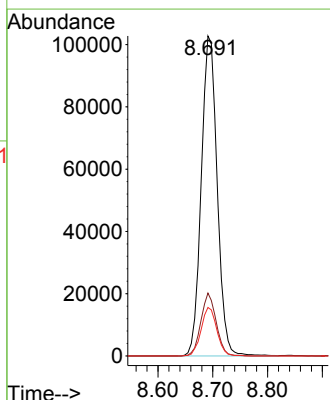
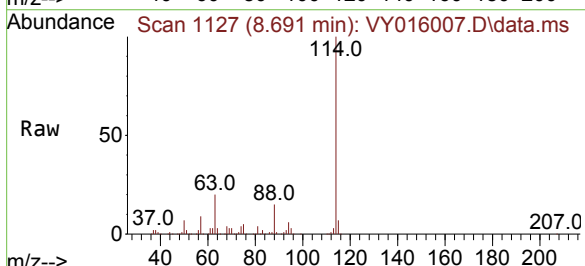


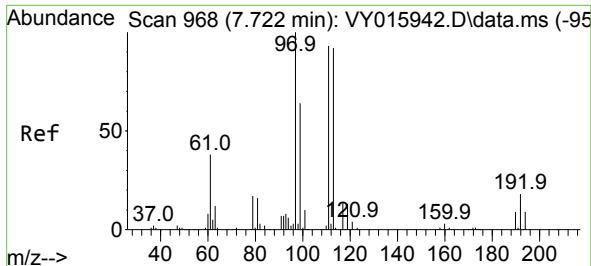
Tgt Ion: 65 Resp: 76318
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY016007.D
 Acq: 17 Oct 2023 16:21

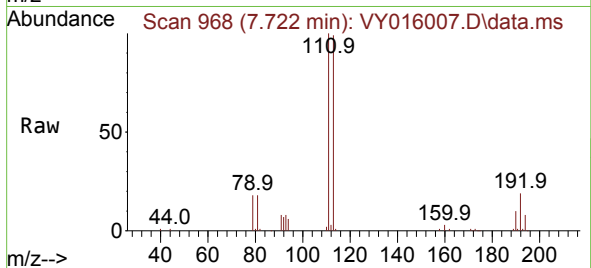
Tgt Ion: 114 Resp: 207279
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.2 0.0 30.6



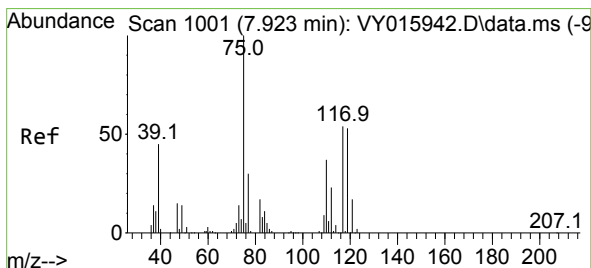
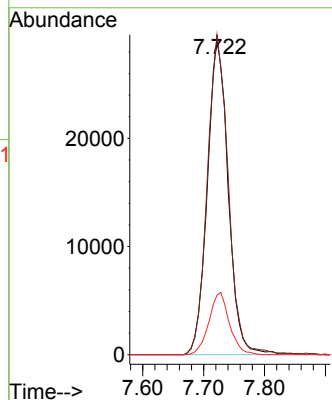
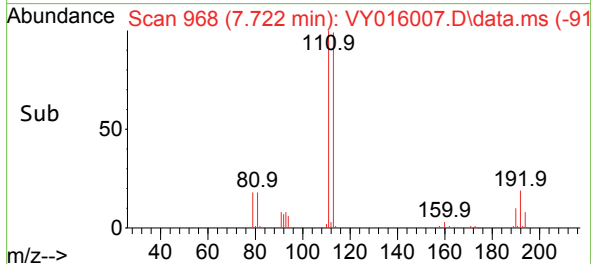


#35
Dibromofluoromethane
Concen: 53.269 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

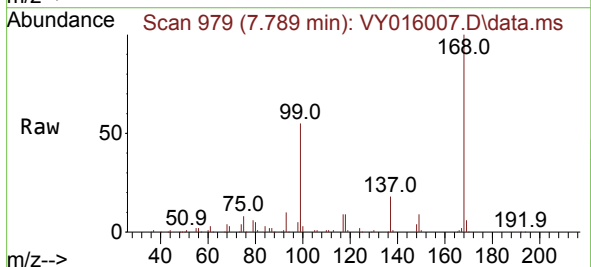
Instrument :
MSVOA_Y
ClientSampleId :



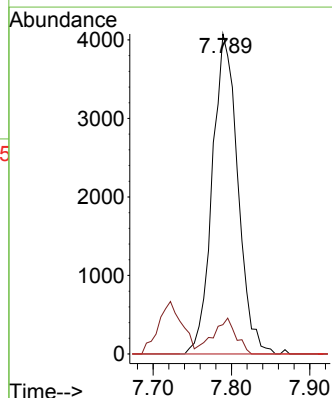
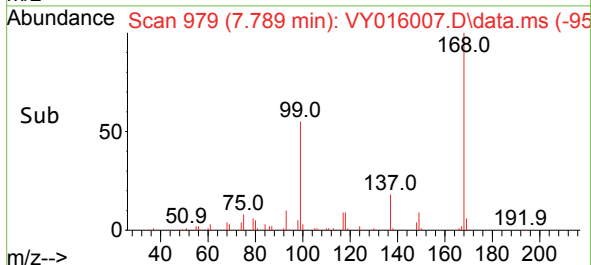
Tgt Ion:113 Resp: 69513
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.3 16.9 25.3

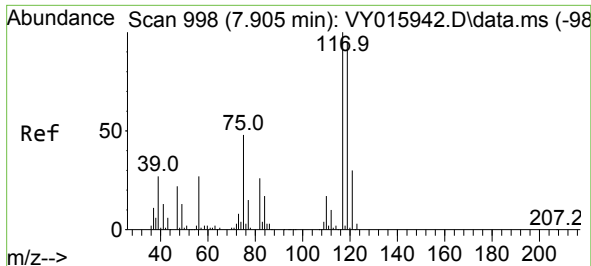


#36
1,1-Dichloropropene
Concen: 4.679 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21



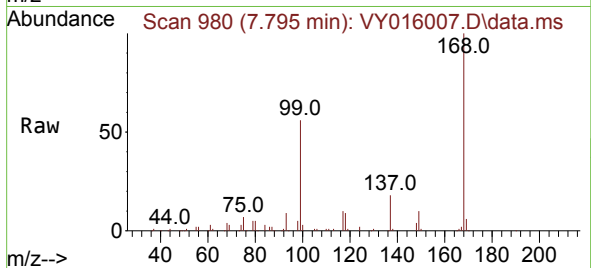
Tgt Ion: 75 Resp: 9212
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



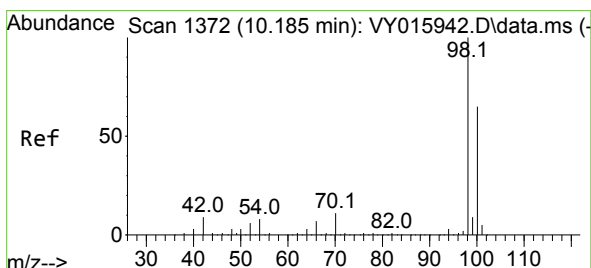
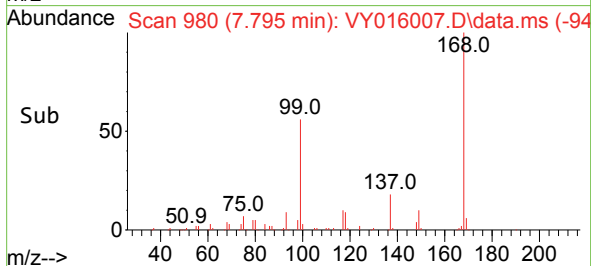
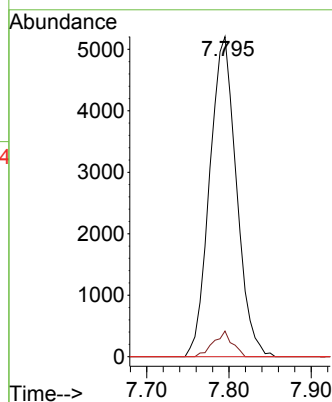


#38
Carbon Tetrachloride
Concen: 5.671 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :

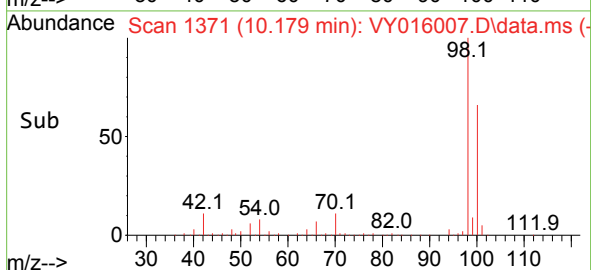
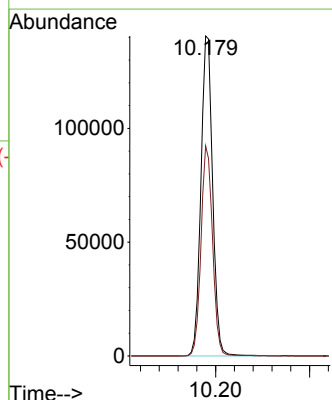
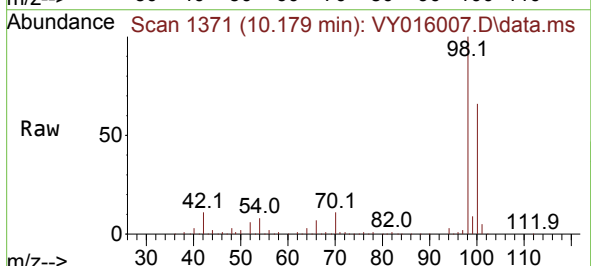


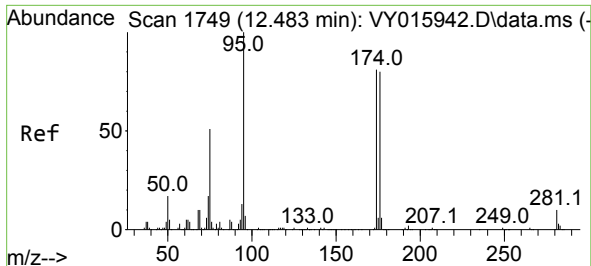
Tgt Ion:117 Resp: 11760
Ion Ratio Lower Upper
117 100
119 8.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.794 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

Tgt Ion: 98 Resp: 243337
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

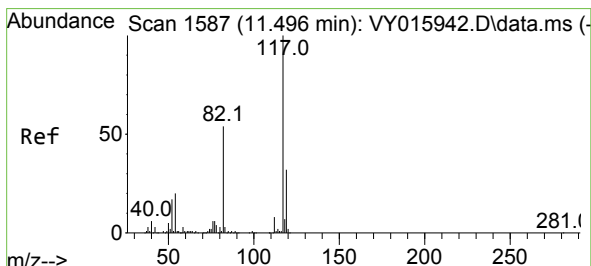
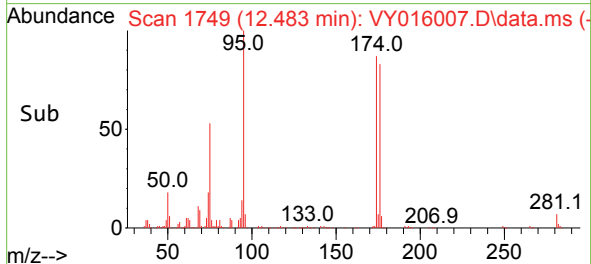
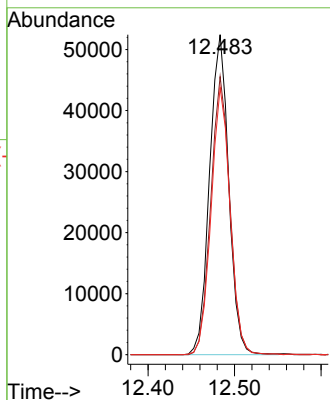
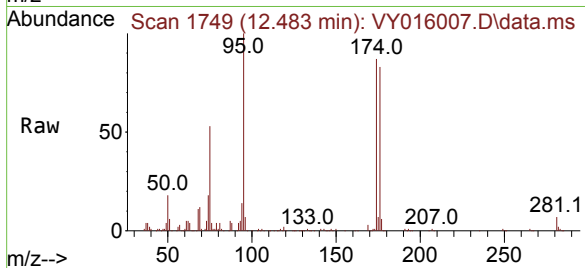




#62
4-Bromofluorobenzene
Concen: 46.191 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

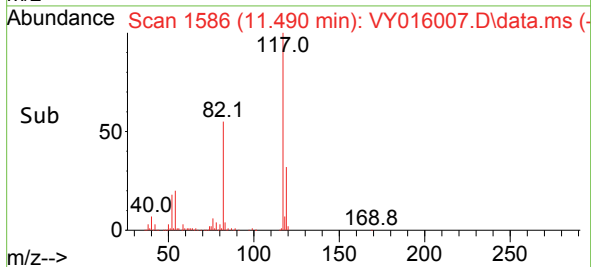
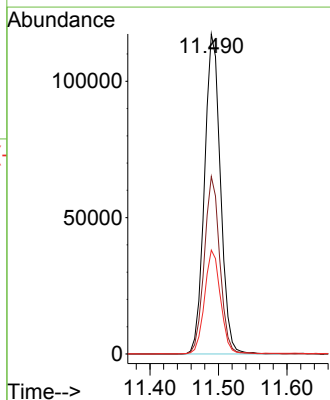
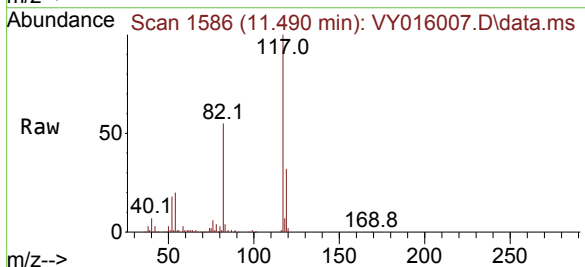
Instrument :
MSVOA_Y
ClientSampleId :

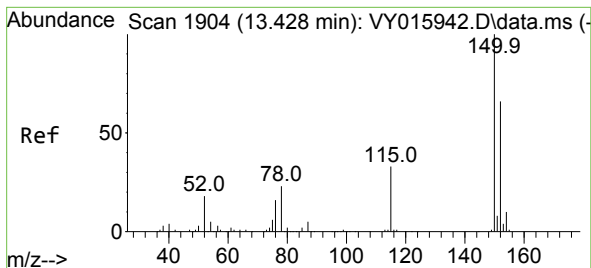
Tgt Ion: 95 Resp: 80379
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.2
176 83.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

Tgt Ion: 117 Resp: 190640
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.4 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: VY016007.D

Acq: 17 Oct 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

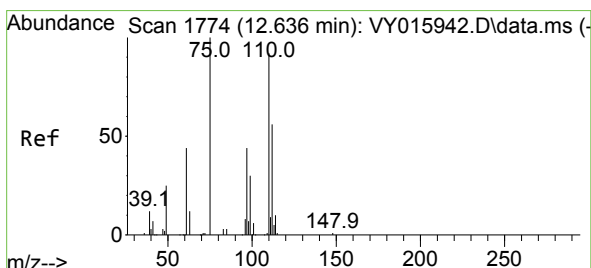
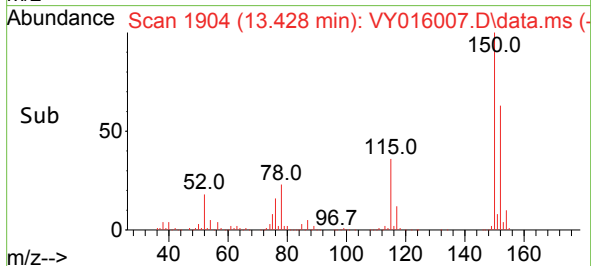
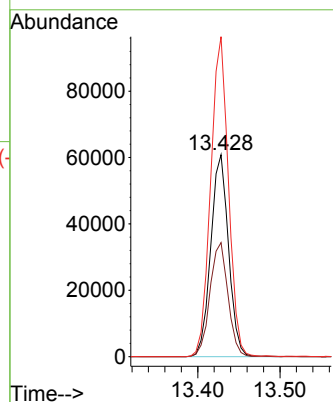
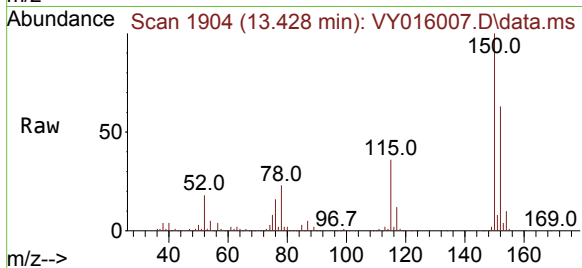
Tgt Ion:152 Resp: 91529

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 158.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 23.574 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY016007.D

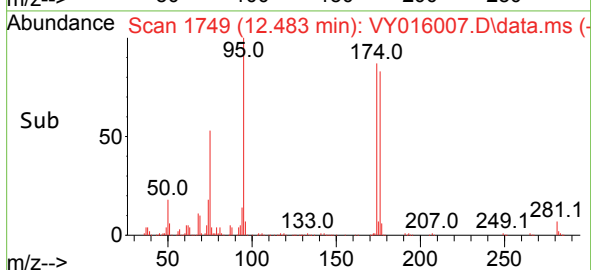
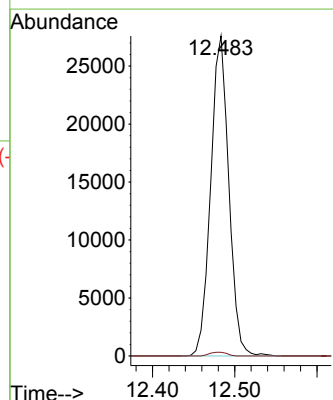
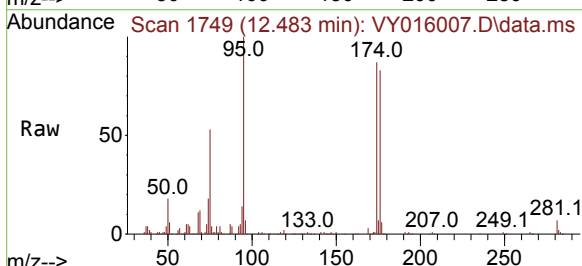
Acq: 17 Oct 2023 16:21

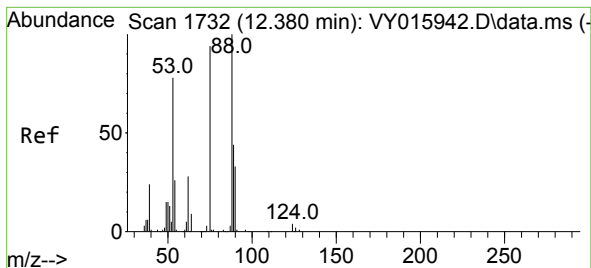
Tgt Ion: 75 Resp: 42226

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

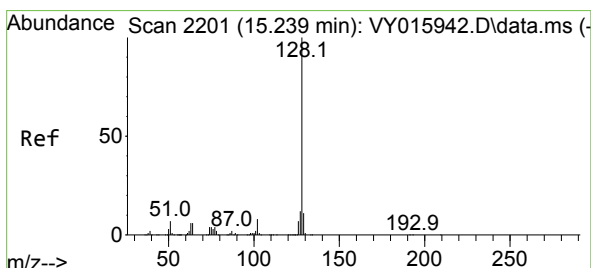
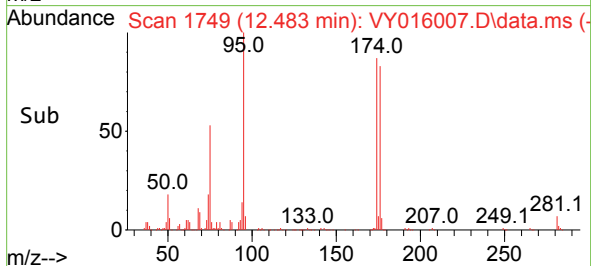
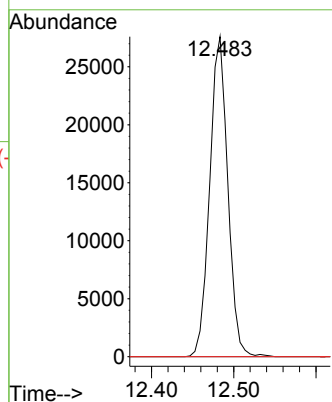
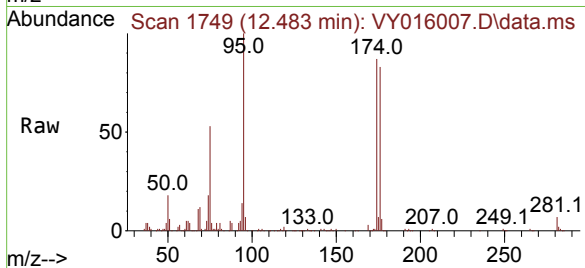




#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.532 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY016007.D
 Acq: 17 Oct 2023 16:21

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 42226
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#



#95
 Naphthalene
 Concen: 3.182 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. 0.000 min
 Lab File: VY016007.D
 Acq: 17 Oct 2023 16:21

Tgt Ion:128 Resp: 19888
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.8 16.2
 129 10.5 8.6 13.0

