

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016996.D
 Acq On : 12 Jan 2024 16:31
 Operator : SY/MD
 Sample : P1132-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:07:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

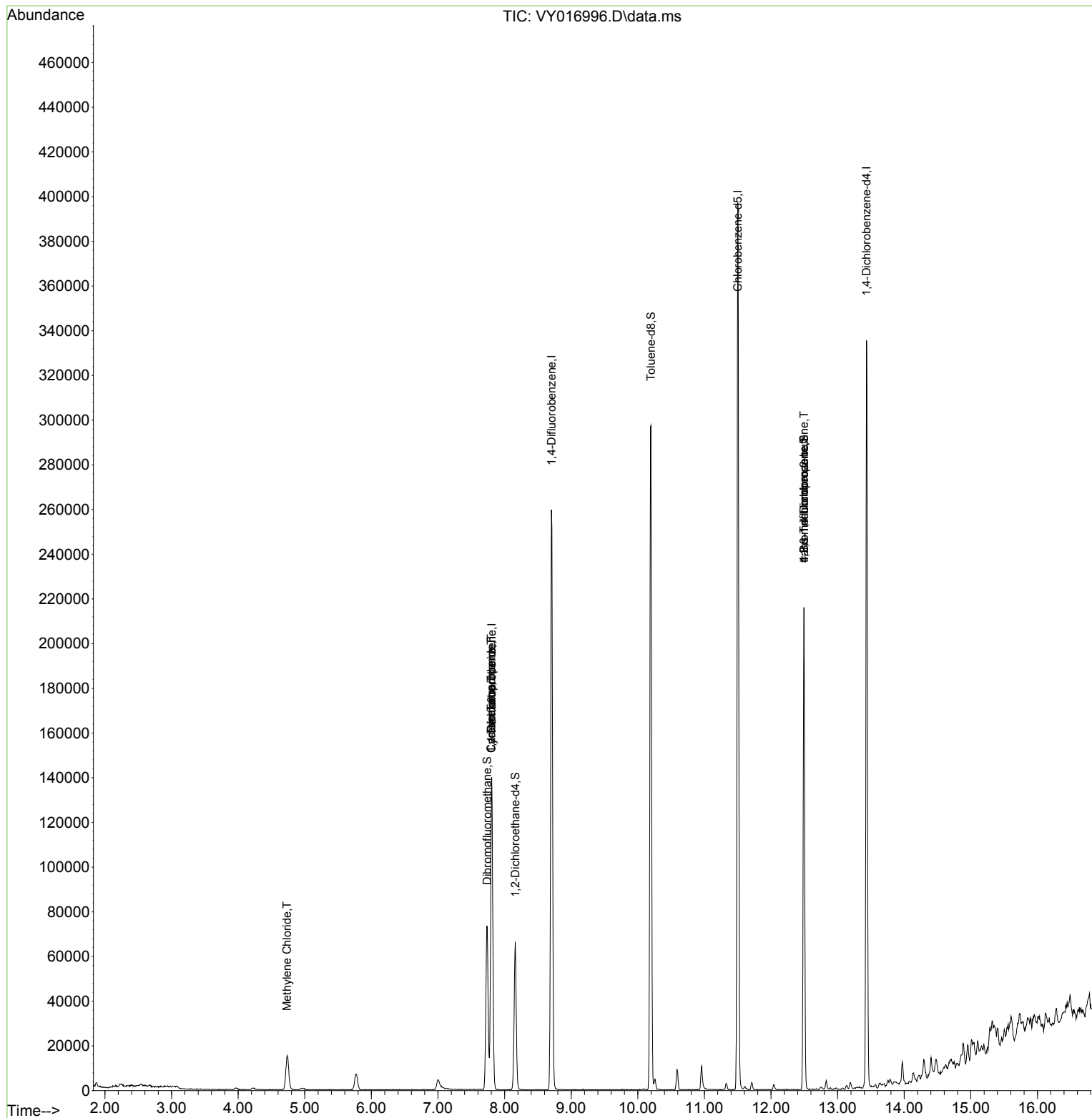
Internal Standards						
1) Pentafluorobenzene	7.807	168	104343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	224132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	215808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	48707	47.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.460%
35) Dibromofluoromethane	7.740	113	53423	37.404	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.800%
50) Toluene-d8	10.197	98	197375	40.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.260%
62) 4-Bromofluorobenzene	12.495	95	62915	37.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	684	Below Cal	#	75
16) Acetone	3.966	43	1585	Below Cal		89
20) Methylene Chloride	4.734	84	11620	1.947	ug/l	95
25) 2-Butanone	7.008	43	326	Below Cal	#	48
31) Cyclohexane	7.801	56	2380	1.345	ug/l	# 24
36) 1,1-Dichloropropene	7.801	75	9138	4.390	ug/l	# 48
38) Carbon Tetrachloride	7.801	117	10562	4.994	ug/l	# 16
76) 1,2,3-Trichloropropane	12.495	75	32994	36.195	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.495	75	32994	82.190	ug/l	# 12

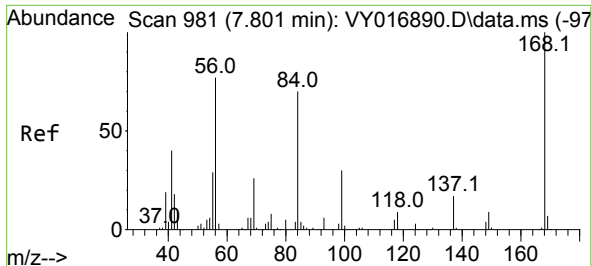
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 00:07:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

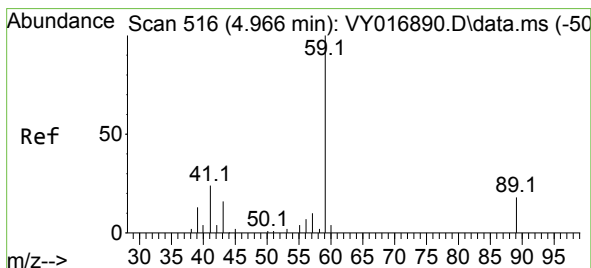
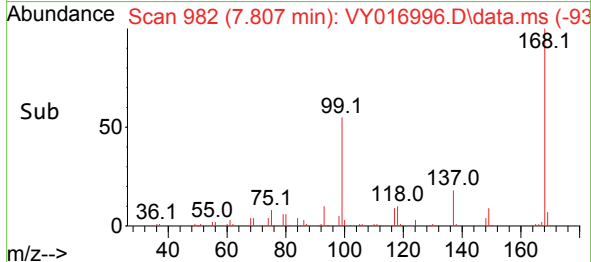
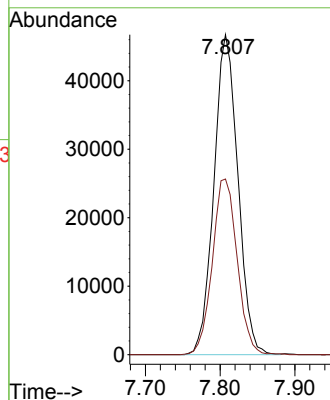
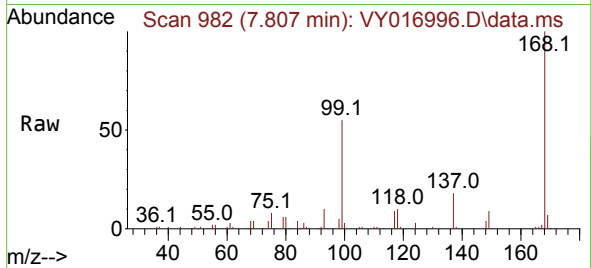




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

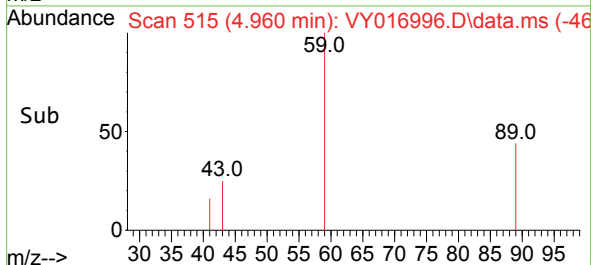
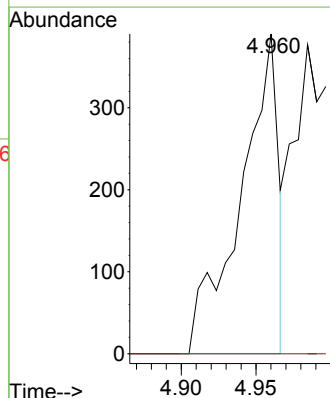
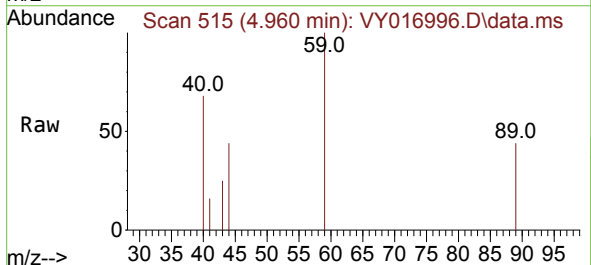
Instrument :
MSVOA_Y
ClientSampleId :

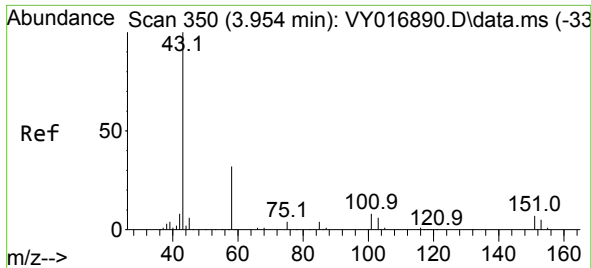
Tgt Ion:168 Resp: 104343
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

Tgt Ion: 59 Resp: 684
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.966 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY016996.D

Acq: 12 Jan 2024 16:31

Instrument :

MSVOA_Y

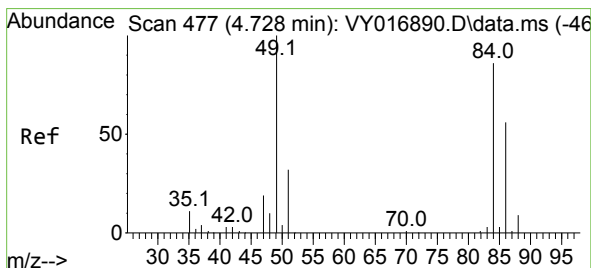
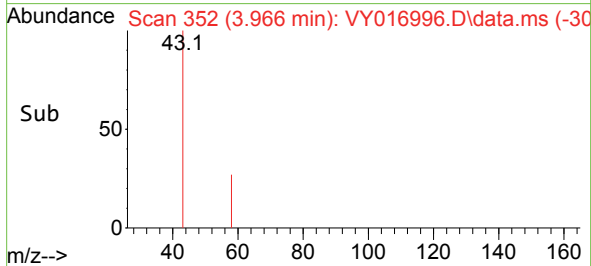
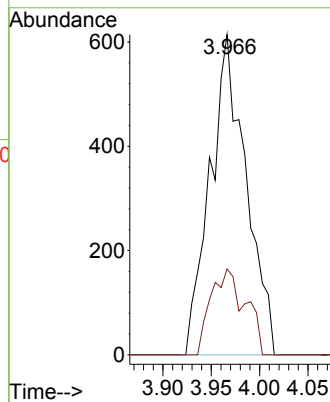
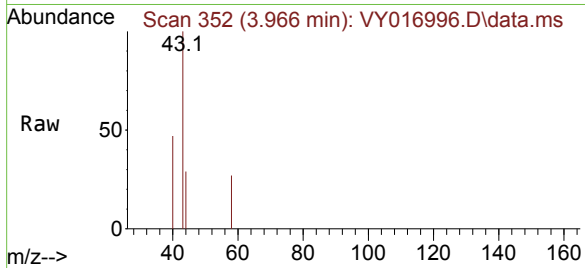
ClientSampleId :

Tgt Ion: 43 Resp: 1585

Ion Ratio Lower Upper

43 100

58 26.9 26.6 39.8



#20

Methylene Chloride

Concen: 1.947 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY016996.D

Acq: 12 Jan 2024 16:31

Tgt Ion: 84 Resp: 11620

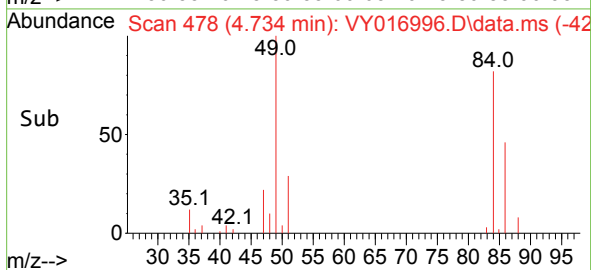
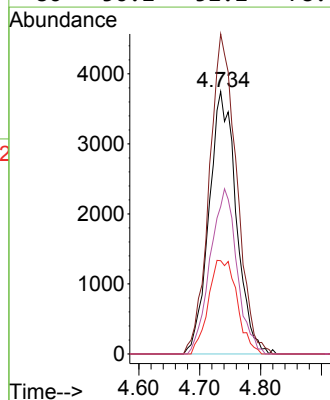
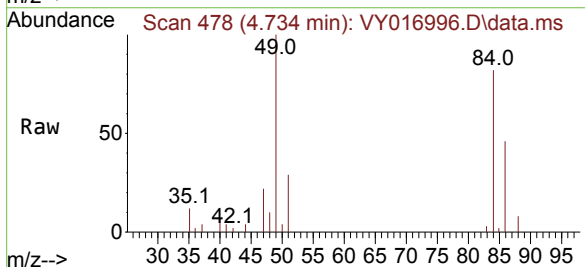
Ion Ratio Lower Upper

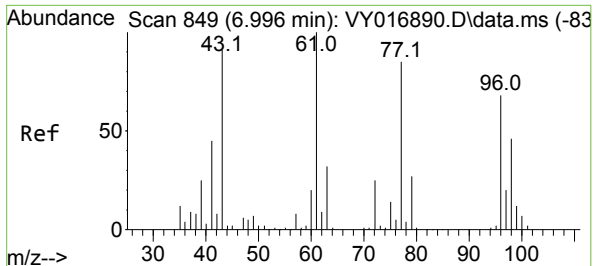
84 100

49 122.0 95.2 142.8

51 35.6 29.9 44.9

86 56.2 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.008 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016996.D

Acq: 12 Jan 2024 16:31

Instrument :

MSVOA_Y

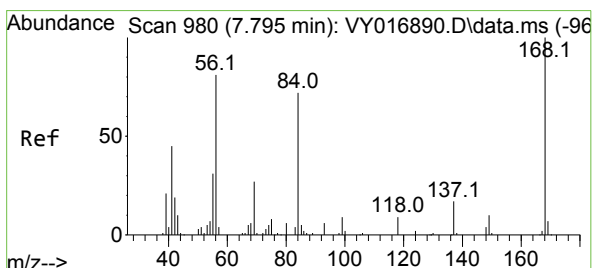
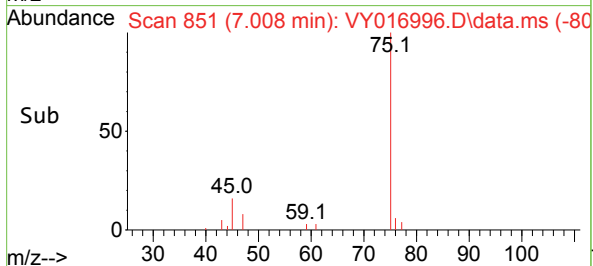
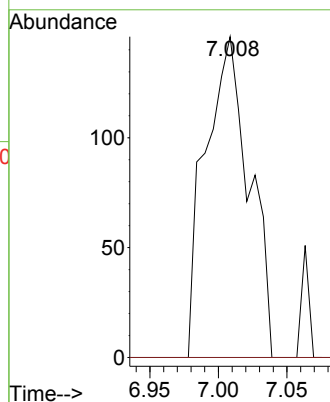
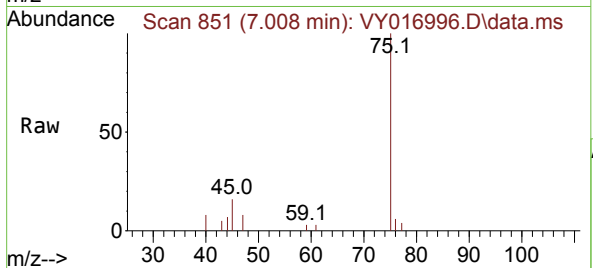
ClientSampleId :

Tgt Ion: 43 Resp: 326

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.345 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY016996.D

Acq: 12 Jan 2024 16:31

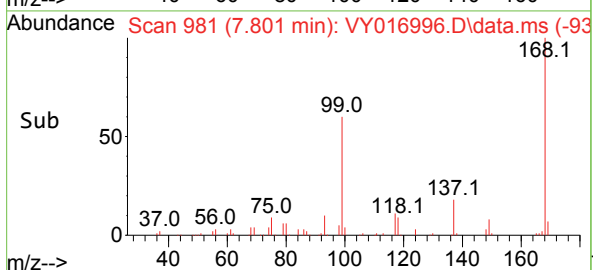
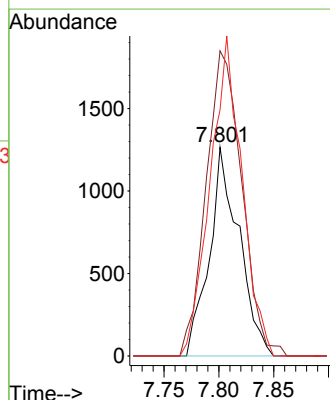
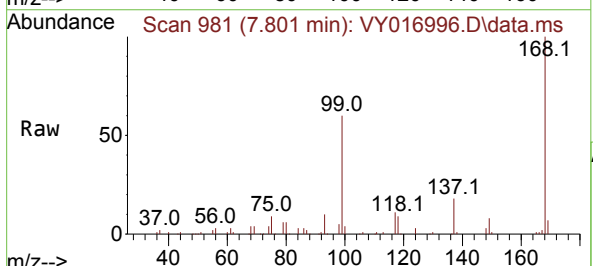
Tgt Ion: 56 Resp: 2380

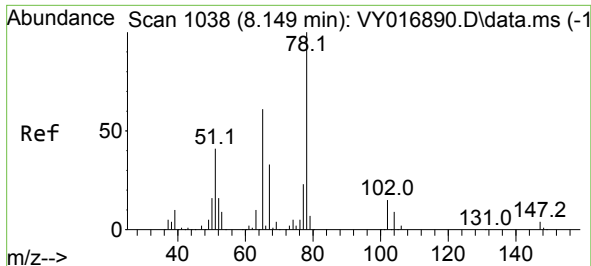
Ion Ratio Lower Upper

56 100

69 146.2 27.0 40.6#

84 117.9 71.8 107.6#

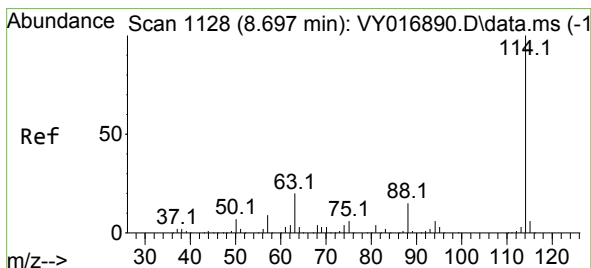
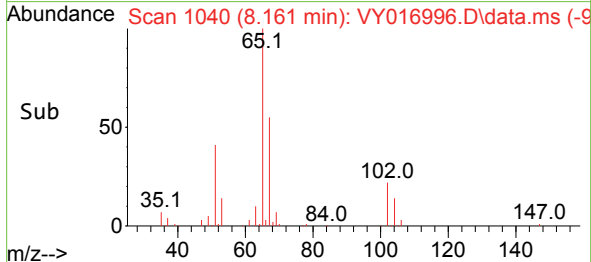
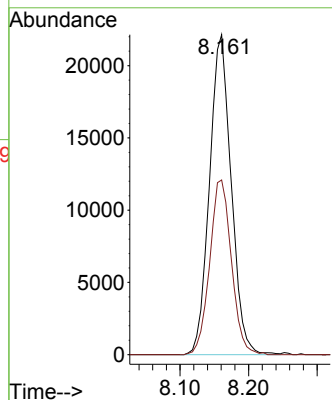
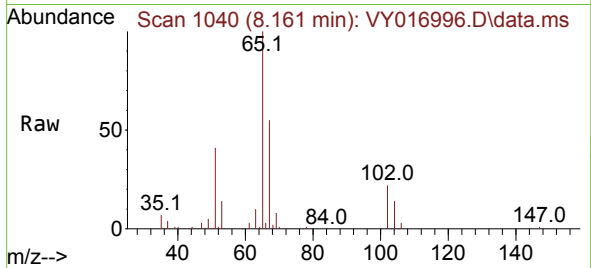




#33
 1,2-Dichloroethane-d4
 Concen: 47.229 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY016996.D
 Acq: 12 Jan 2024 16:31

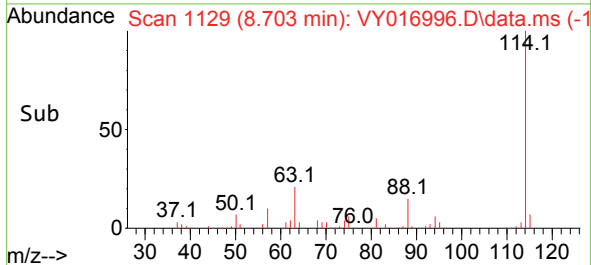
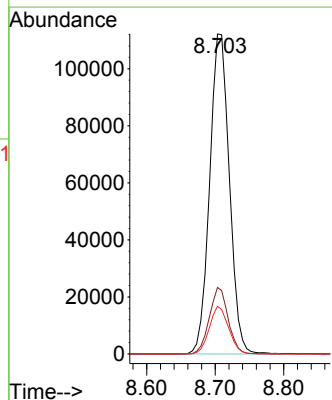
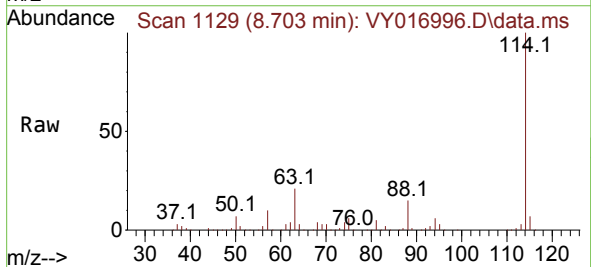
Instrument :
 MSVOA_Y
 ClientSampleId :

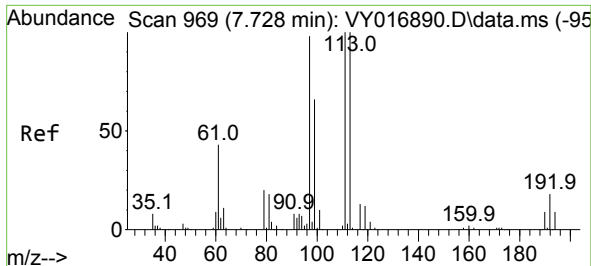
Tgt Ion: 65 Resp: 48707
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY016996.D
 Acq: 12 Jan 2024 16:31

Tgt Ion:114 Resp: 224132
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 37.4
 88 14.9 0.0 29.0

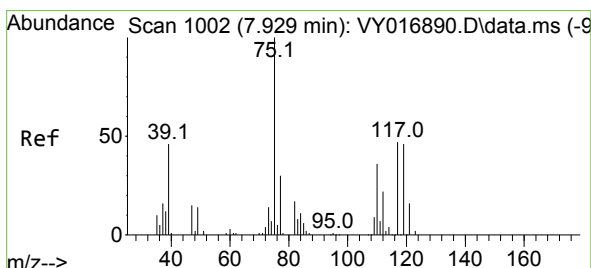
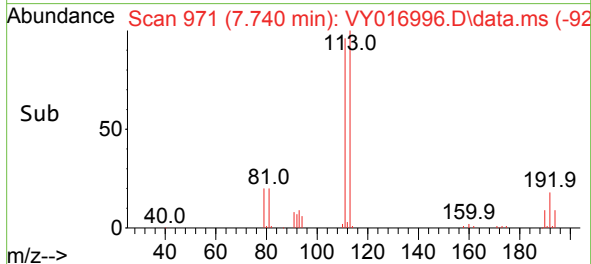
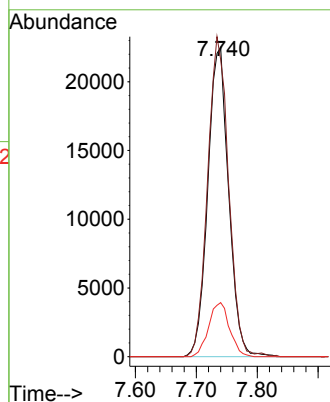
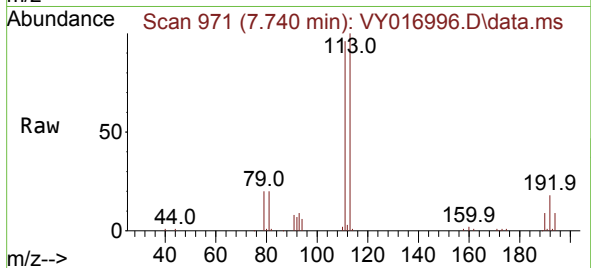




#35
Dibromofluoromethane
Concen: 37.404 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

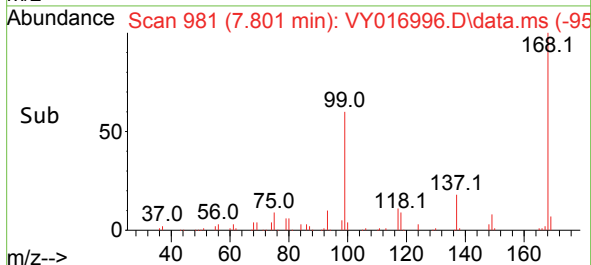
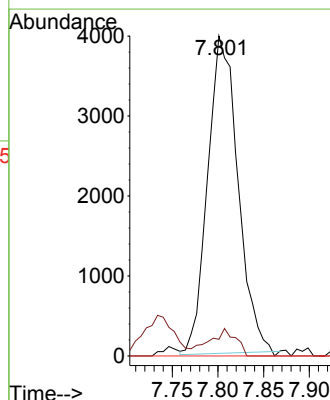
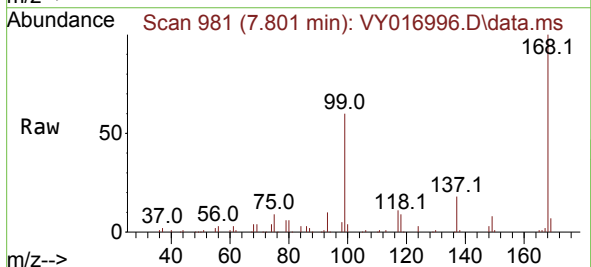
Instrument :
MSVOA_Y
ClientSampleId :

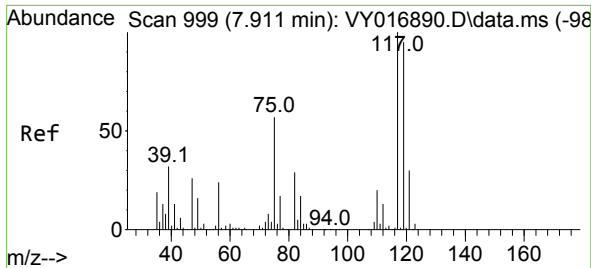
Tgt Ion:113 Resp: 53423
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.390 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

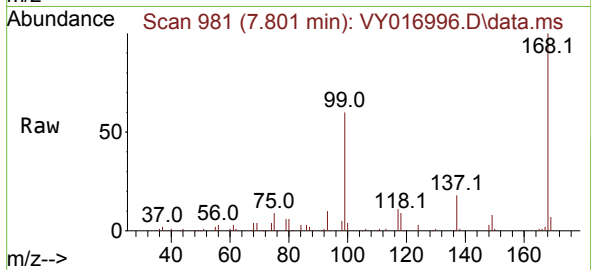
Tgt Ion: 75 Resp: 9138
Ion Ratio Lower Upper
75 100
110 7.5 17.4 52.3#
77 0.0 24.7 37.1#



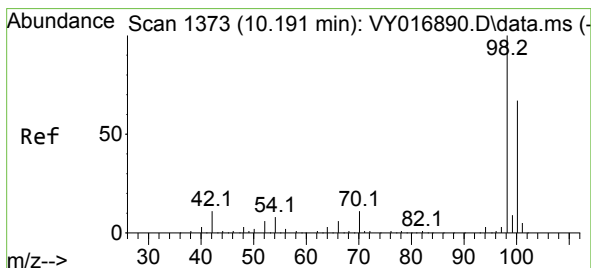
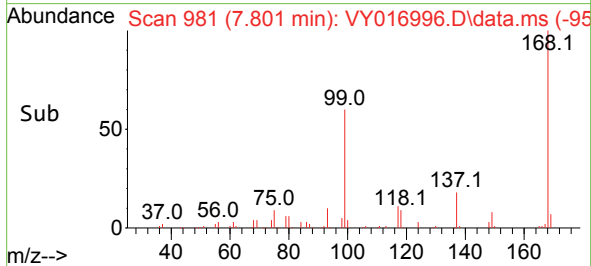
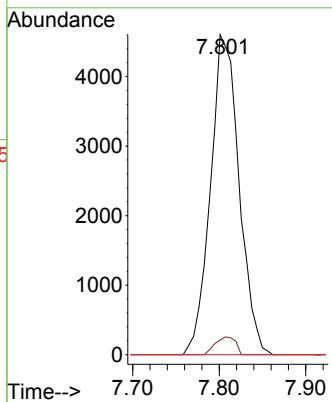


#38
Carbon Tetrachloride
Concen: 4.994 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :

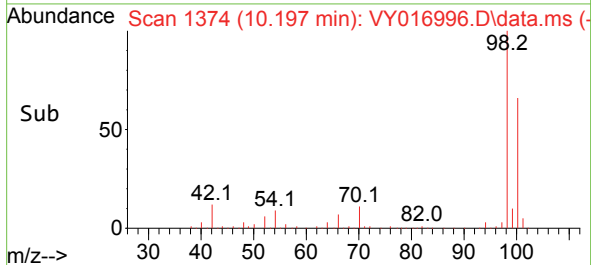
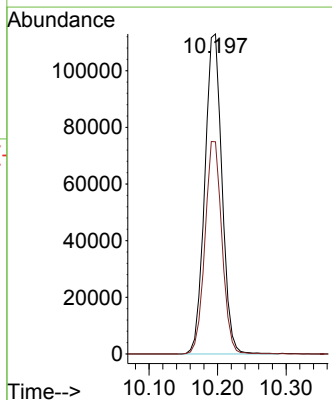
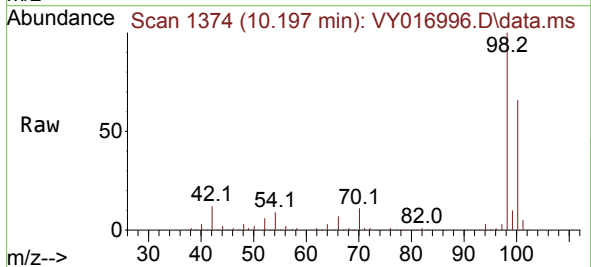


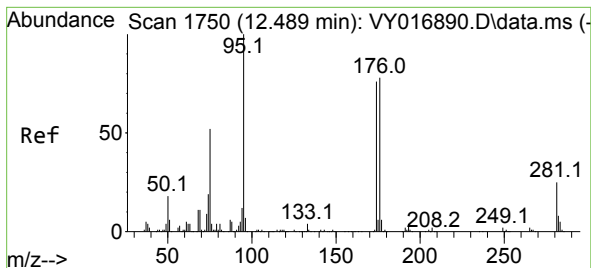
Tgt Ion:117 Resp: 10562
Ion Ratio Lower Upper
117 100
119 4.5 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.131 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

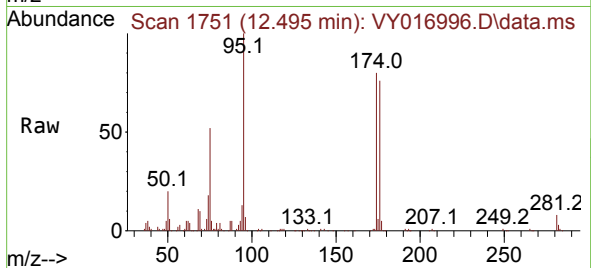
Tgt Ion: 98 Resp: 197375
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



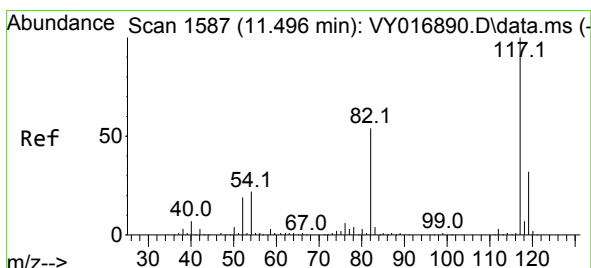
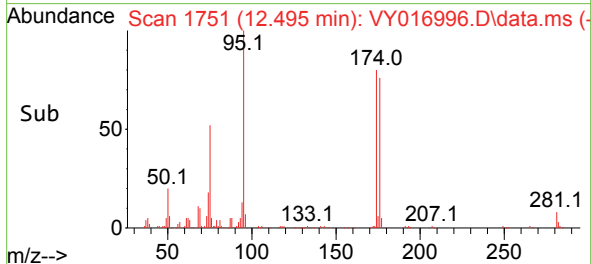
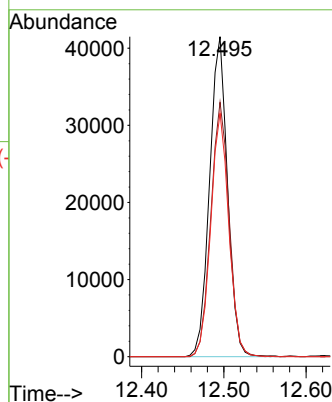


#62
4-Bromofluorobenzene
Concen: 37.916 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :

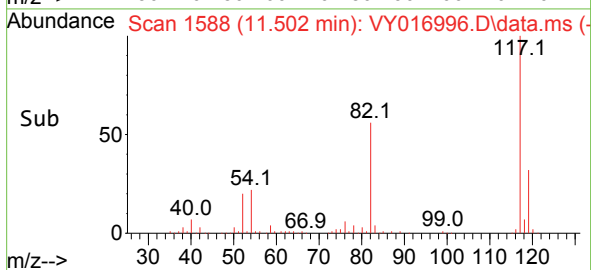
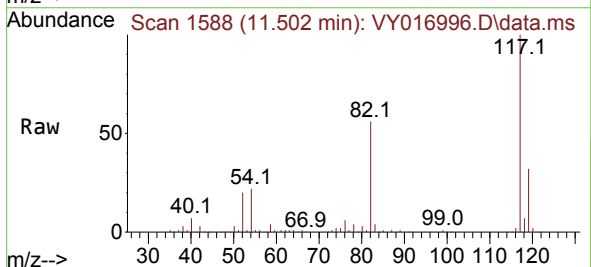
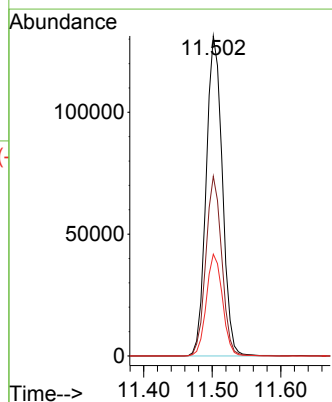


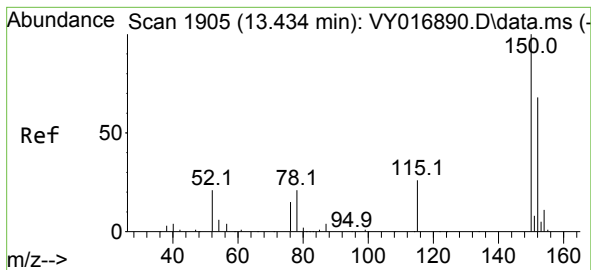
Tgt Ion: 95 Resp: 62915
Ion Ratio Lower Upper
95 100
174 81.1 0.0 160.0
176 76.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

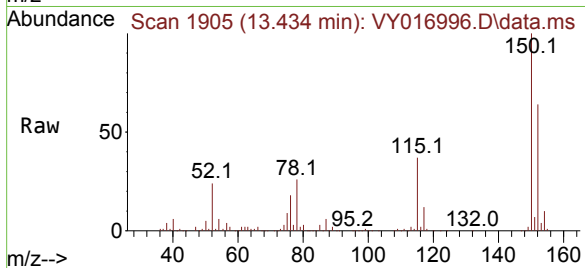
Tgt Ion: 117 Resp: 215808
Ion Ratio Lower Upper
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82 56.2 43.8 65.8
119 31.8 26.5 39.7



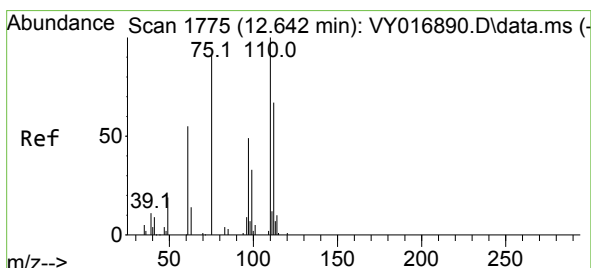
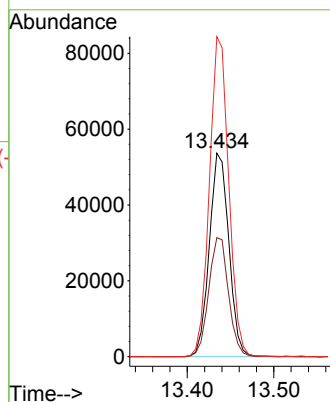
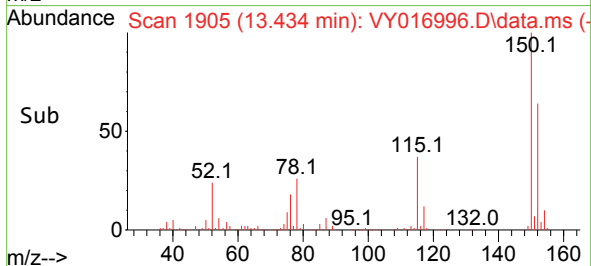


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :

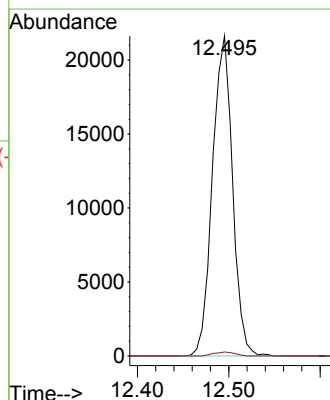
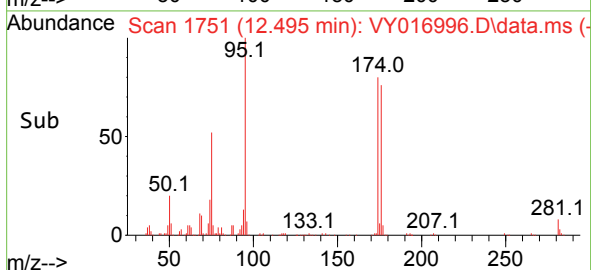
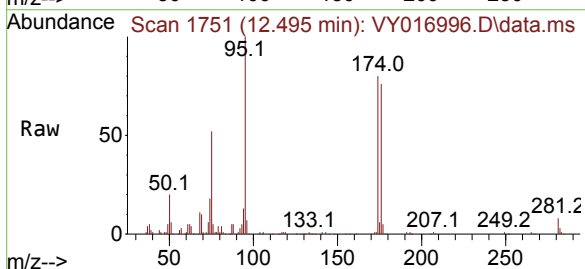


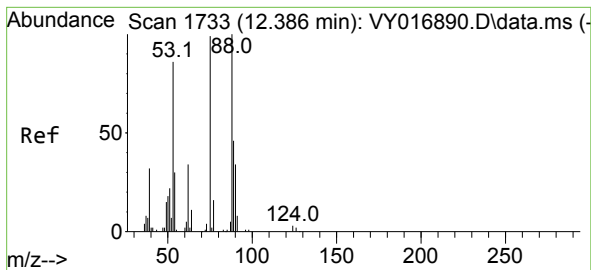
Tgt Ion:152 Resp: 84001
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 155.6 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 36.195 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

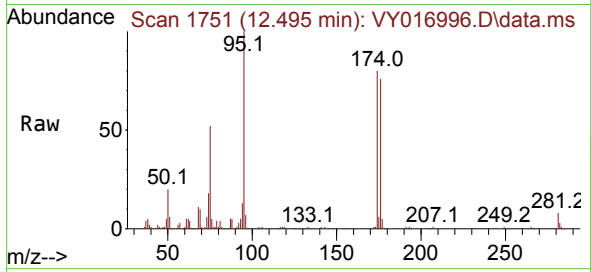
Tgt Ion: 75 Resp: 32994
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.190 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016996.D
 Acq: 12 Jan 2024 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 32994
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.2 36.5 54.7#

