

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016276.D
 Acq On : 09 Nov 2023 13:03
 Operator : SY/MD
 Sample : 05293-02
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:57:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

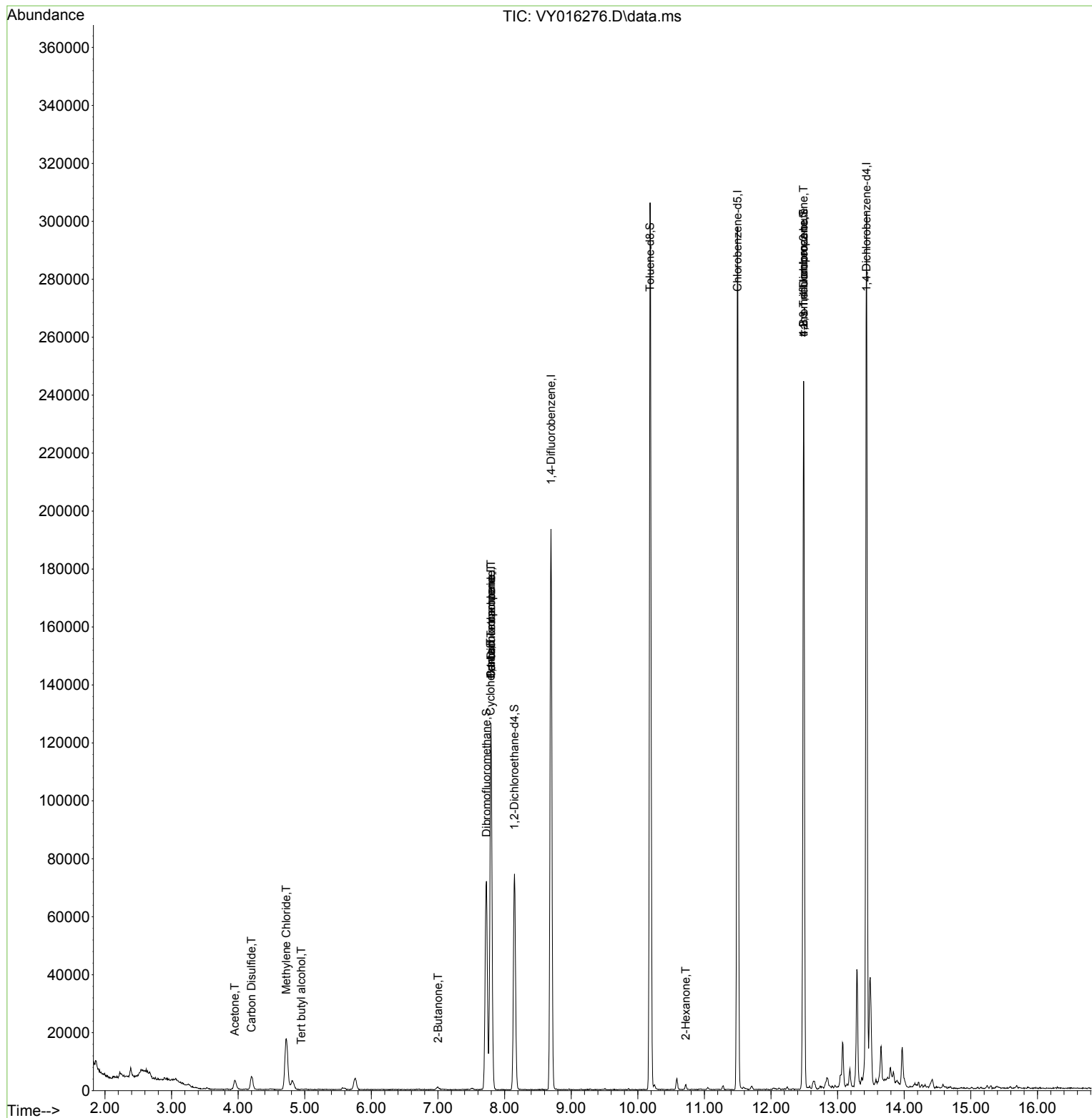
Internal Standards						
1) Pentafluorobenzene	7.795	168	98515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	163808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58929	65.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.900%	
35) Dibromofluoromethane	7.728	113	52115	53.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.540%	
50) Toluene-d8	10.185	98	201697	51.317	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	12.489	95	70441	55.182	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	153	2.170	ug/l #	89
16) Acetone	3.948	43	6006	40.326	ug/l	95
17) Carbon Disulfide	4.198	76	9381	3.123	ug/l	100
20) Methylene Chloride	4.722	84	14575	11.148	ug/l	85
25) 2-Butanone	7.002	43	1555	5.961	ug/l #	71
31) Cyclohexane	7.789	56	1838	1.037	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7288	4.330	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9559	5.473	ug/l #	17
59) 2-Hexanone	10.721	43	638	1.290	ug/l #	27
76) 1,2,3-Trichloropropane	12.489	75	36761	49.083	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36761	106.539	ug/l #	11

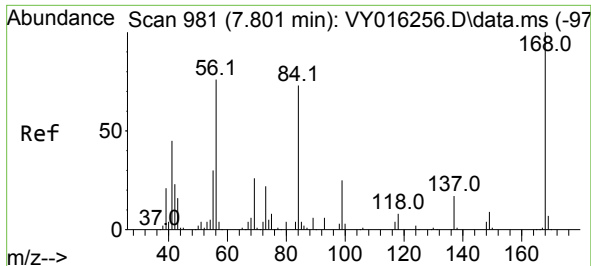
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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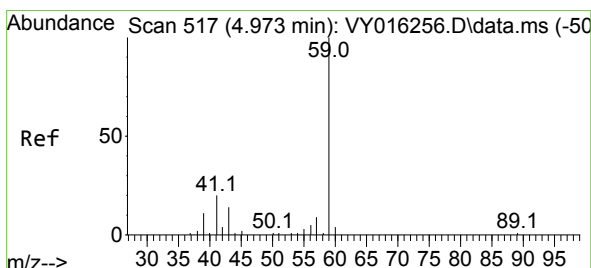
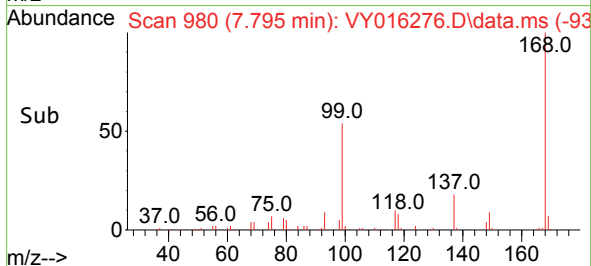
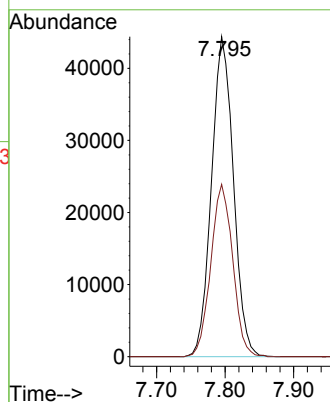
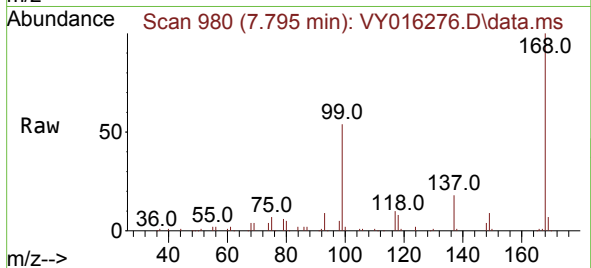




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016276.D
Acq: 09 Nov 2023 13:03

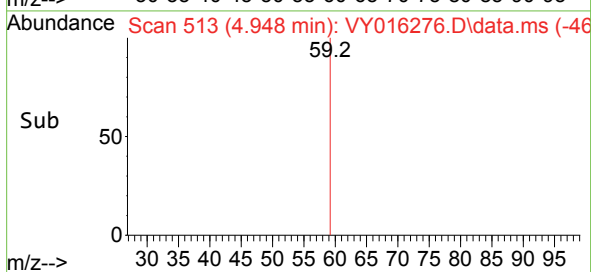
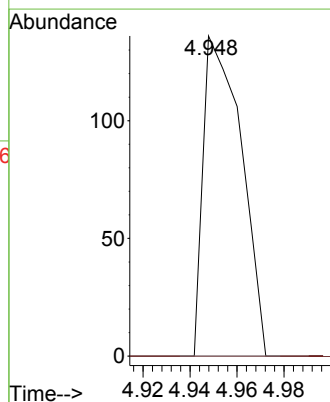
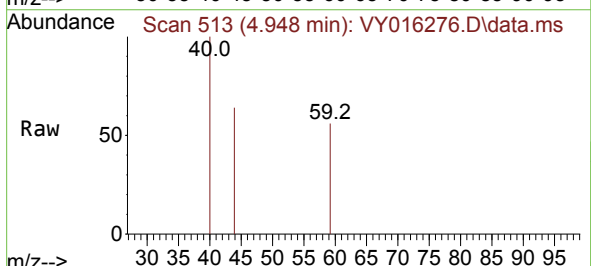
Instrument :
MSVOA_Y
ClientSampleId :

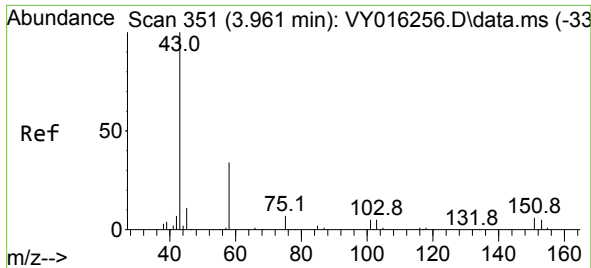
Tgt Ion:168 Resp: 98515
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.170 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.025 min
Lab File: VY016276.D
Acq: 09 Nov 2023 13:03

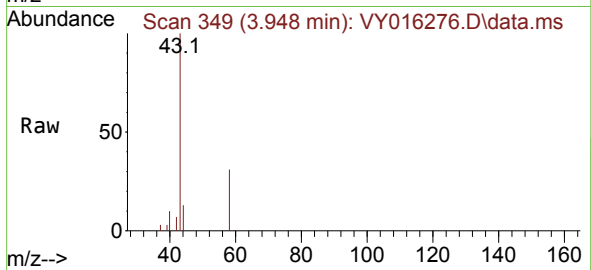
Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



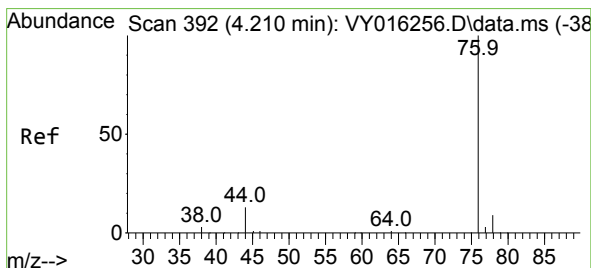
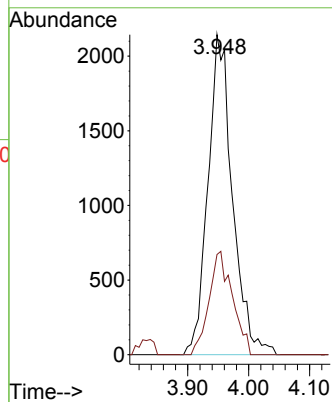
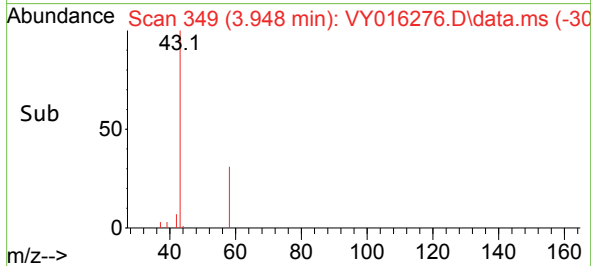


#16
Acetone
Concen: 40.326 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016276.D
Acq: 09 Nov 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :

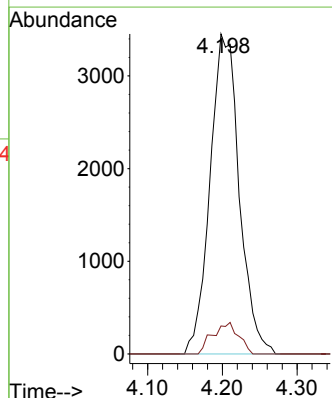
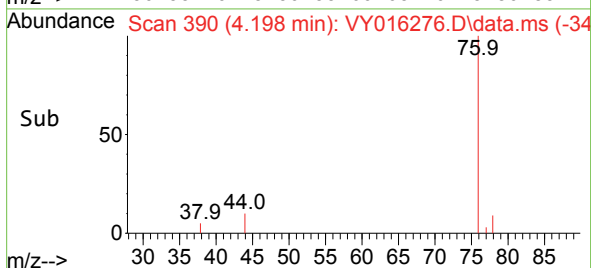
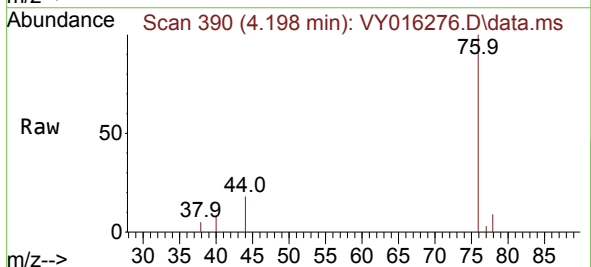


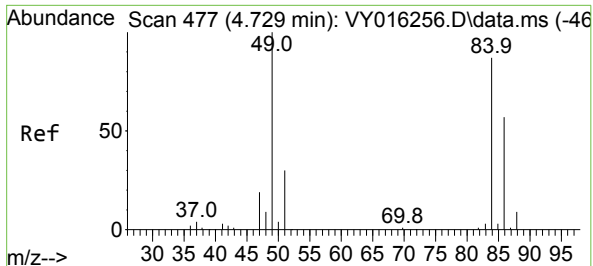
Tgt Ion: 43 Resp: 6006
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1



#17
Carbon Disulfide
Concen: 3.123 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY016276.D
Acq: 09 Nov 2023 13:03

Tgt Ion: 76 Resp: 9381
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4





#20

Methylene Chloride

Concen: 11.148 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.007 min

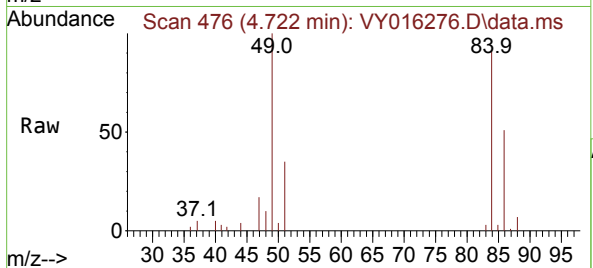
Lab File: VY016276.D

Acq: 09 Nov 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 14575

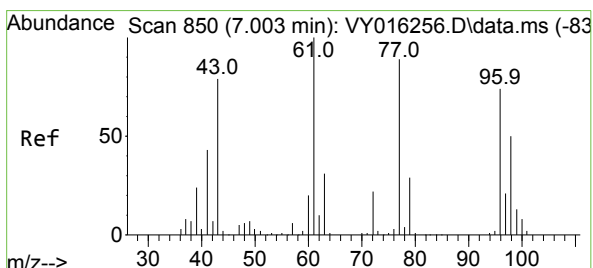
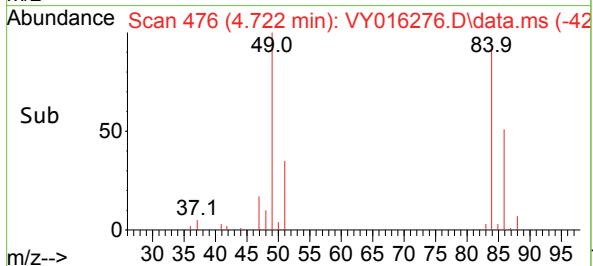
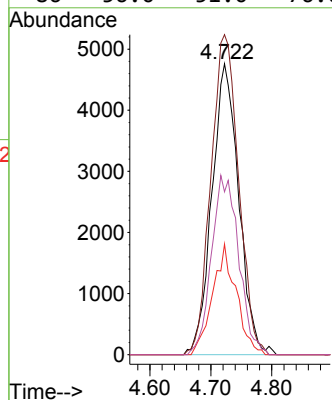
Ion Ratio Lower Upper

84 100

49 110.0 106.9 160.3

51 38.0 33.2 49.8

86 56.0 51.0 76.6



#25

2-Butanone

Concen: 5.961 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016276.D

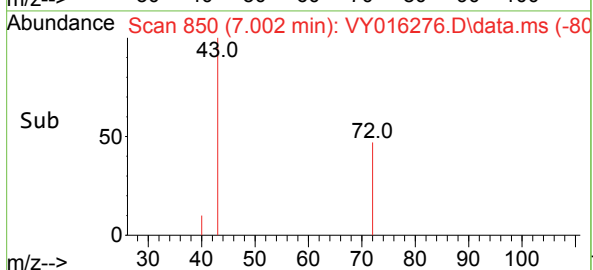
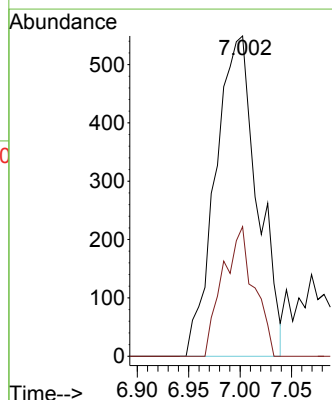
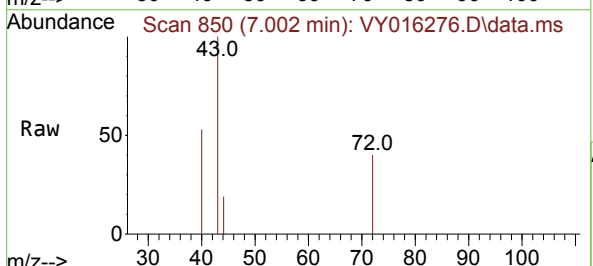
Acq: 09 Nov 2023 13:03

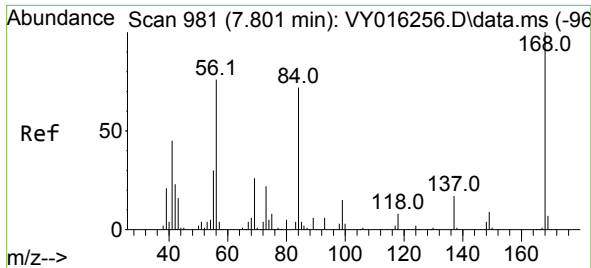
Tgt Ion: 43 Resp: 1555

Ion Ratio Lower Upper

43 100

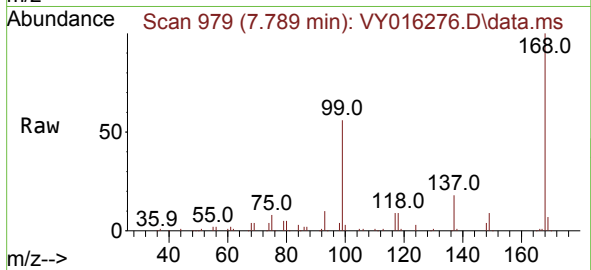
72 40.4 20.5 30.7#



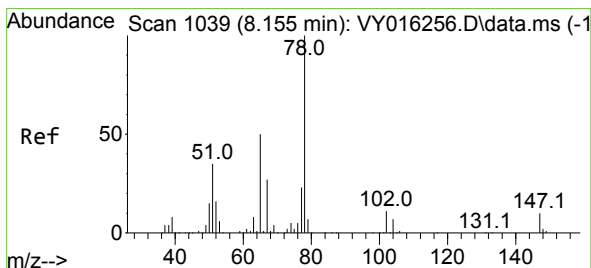
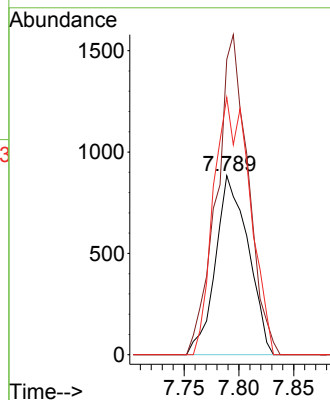
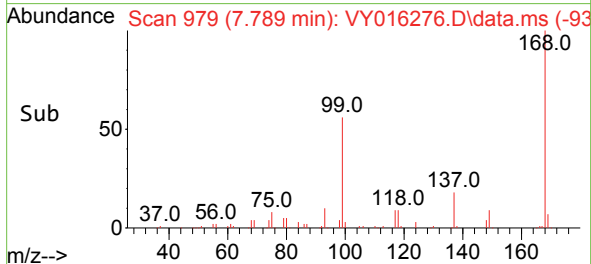


#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016276.D
Acq: 09 Nov 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :

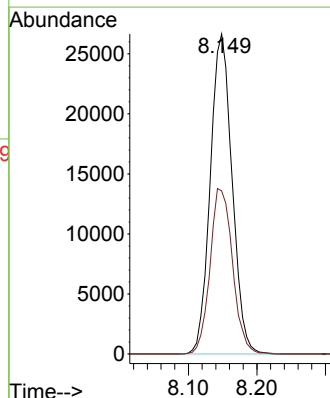
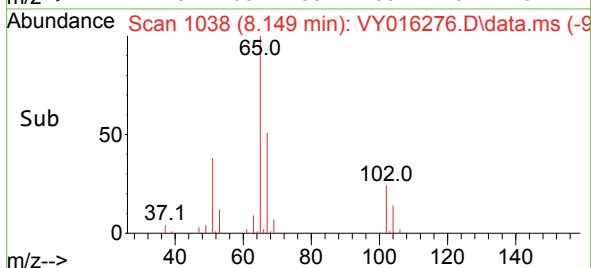
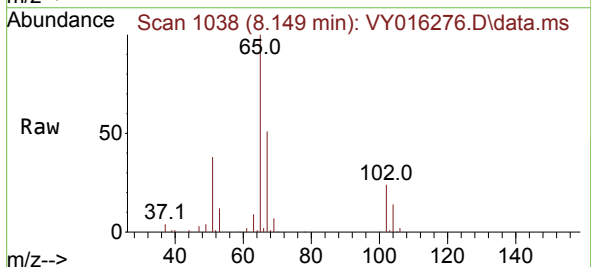


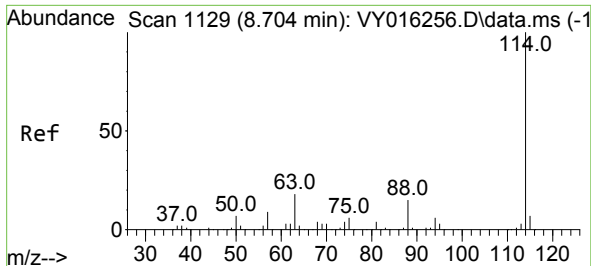
Tgt Ion: 56 Resp: 1838
Ion Ratio Lower Upper
56 100
69 164.8 27.8 41.6#
84 154.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 65.448 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016276.D
Acq: 09 Nov 2023 13:03

Tgt Ion: 65 Resp: 58929
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016276.D

Acq: 09 Nov 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

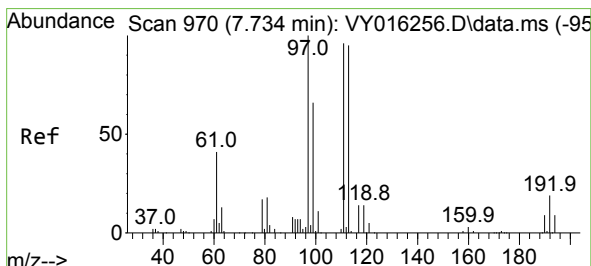
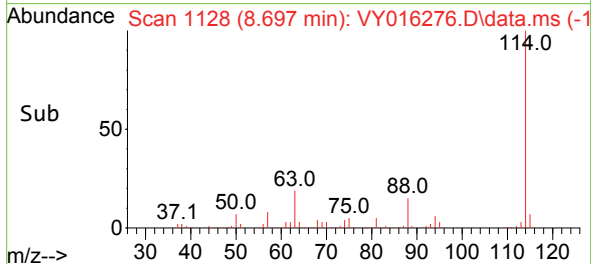
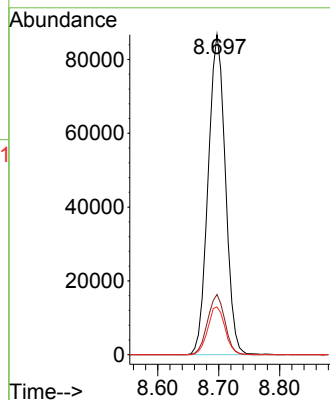
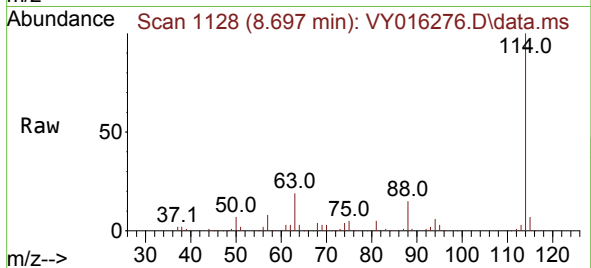
Tgt Ion:114 Resp: 170618

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.770 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016276.D

Acq: 09 Nov 2023 13:03

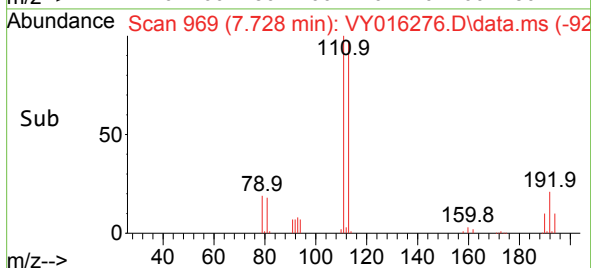
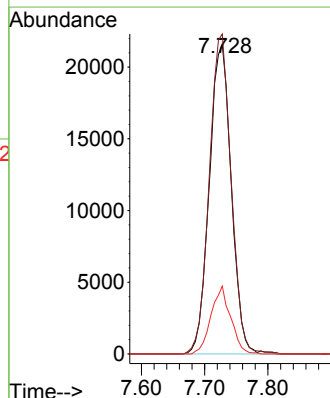
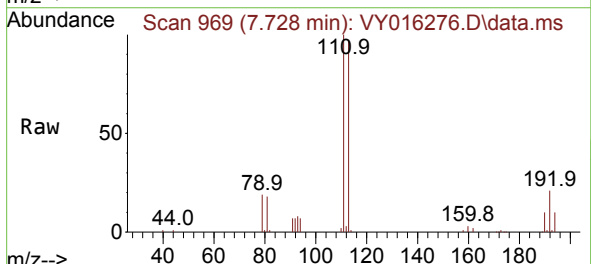
Tgt Ion:113 Resp: 52115

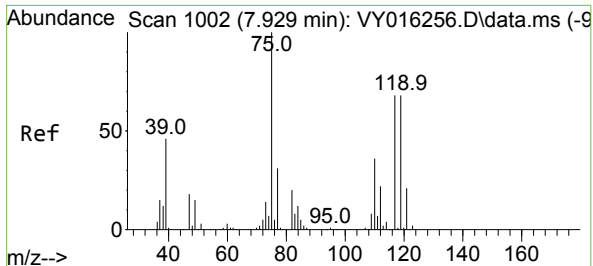
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 19.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.330 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY016276.D

Acq: 09 Nov 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

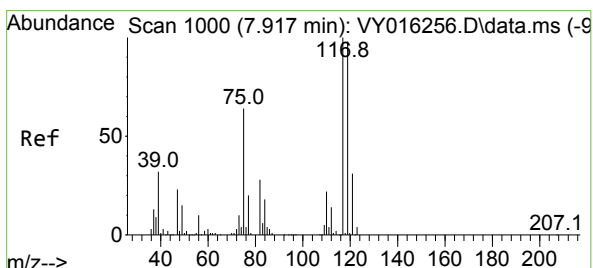
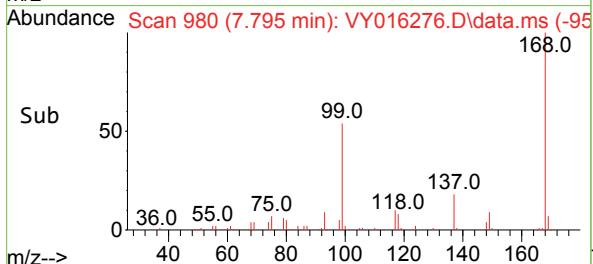
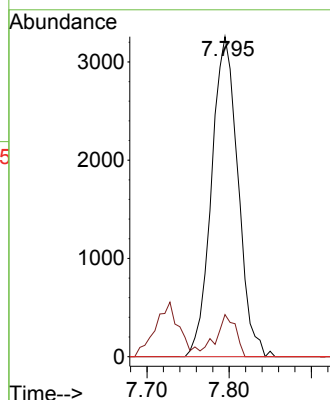
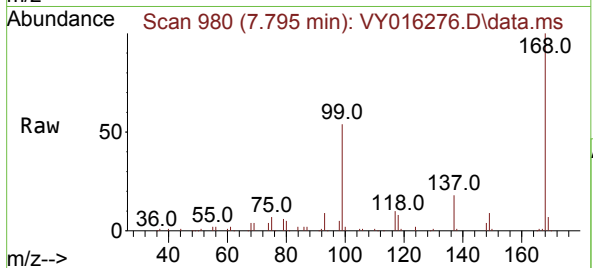
Tgt Ion: 75 Resp: 7288

Ion Ratio Lower Upper

75 100

110 9.7 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.473 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY016276.D

Acq: 09 Nov 2023 13:03

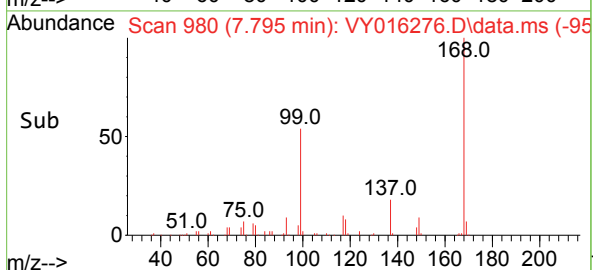
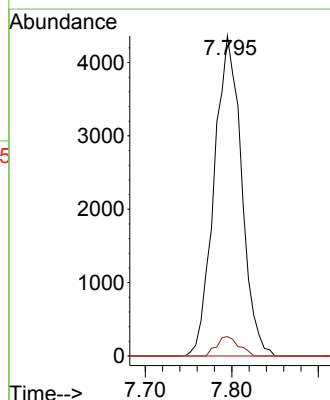
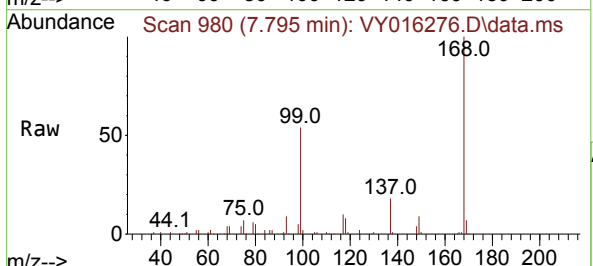
Tgt Ion: 117 Resp: 9559

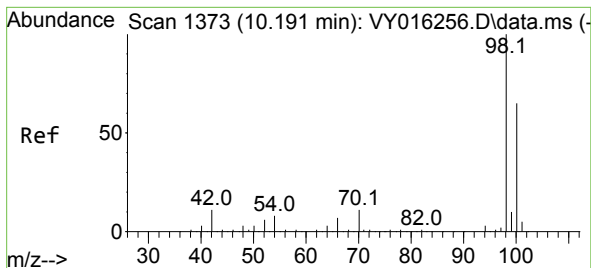
Ion Ratio Lower Upper

117 100

119 6.0 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.317 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016276.D

Acq: 09 Nov 2023 13:03

Instrument :

MSVOA_Y

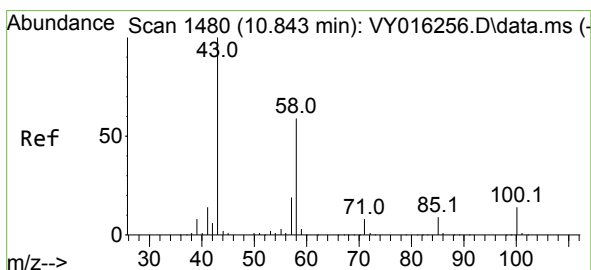
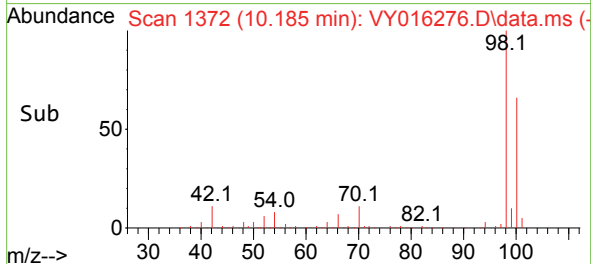
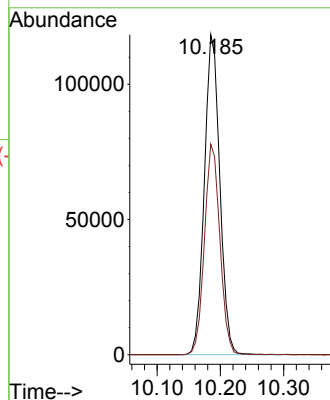
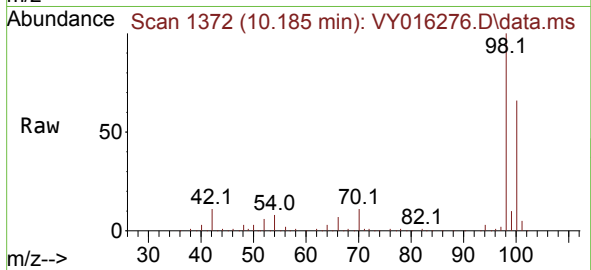
ClientSampleId :

Tgt Ion: 98 Resp: 201697

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1



#59

2-Hexanone

Concen: 1.290 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.122 min

Lab File: VY016276.D

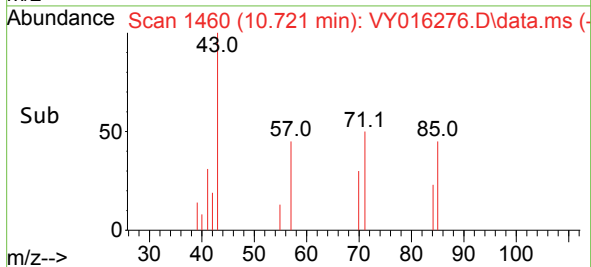
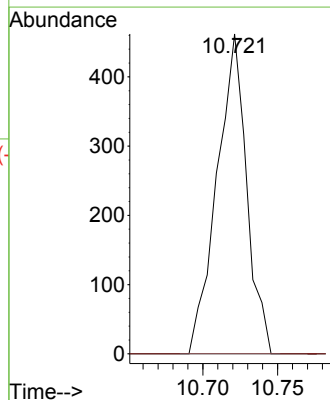
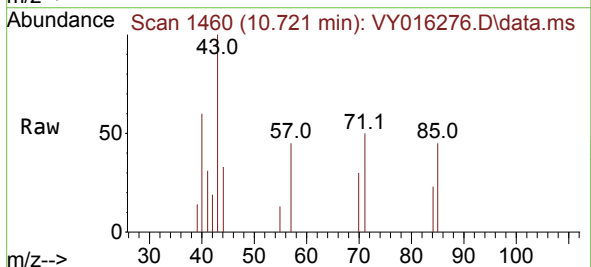
Acq: 09 Nov 2023 13:03

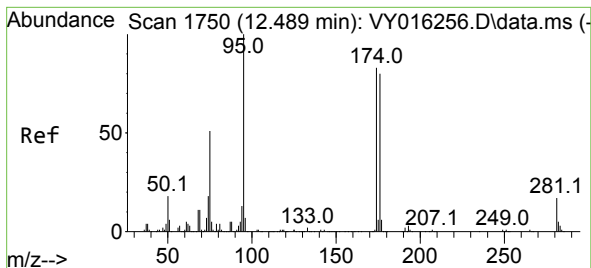
Tgt Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

58 0.0 25.1 75.3#

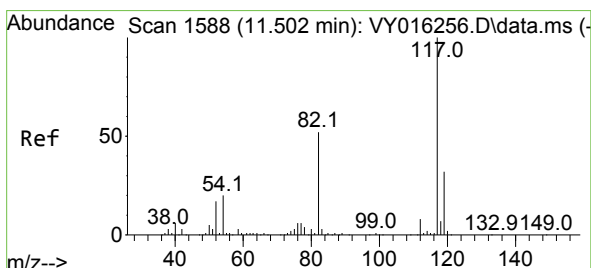
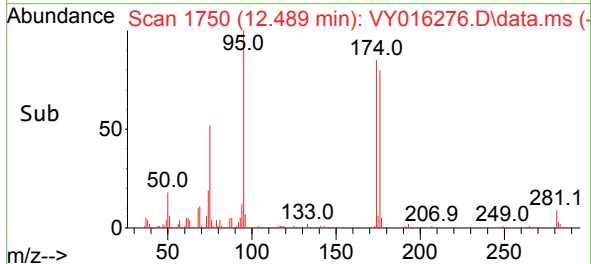
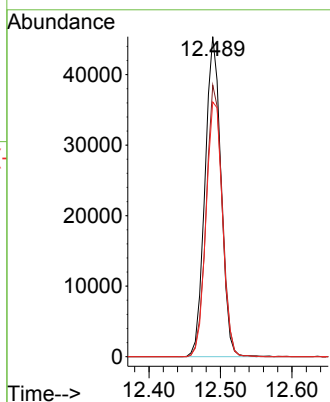
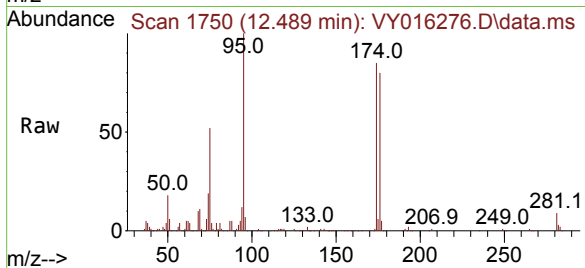




#62
4-Bromofluorobenzene
Concen: 55.182 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016276.D
Acq: 09 Nov 2023 13:03

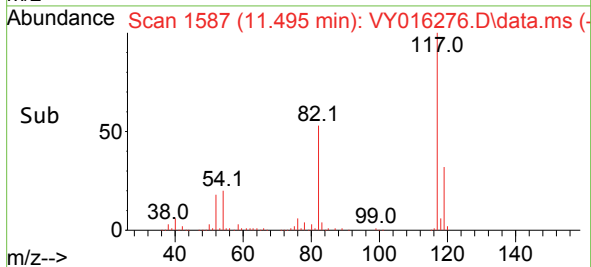
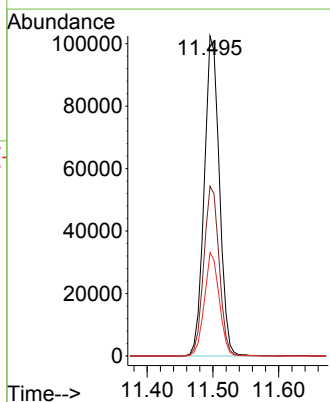
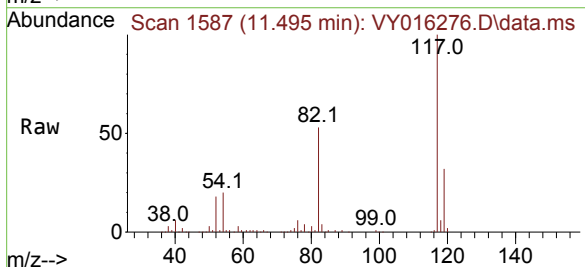
Instrument :
MSVOA_Y
ClientSampleId :

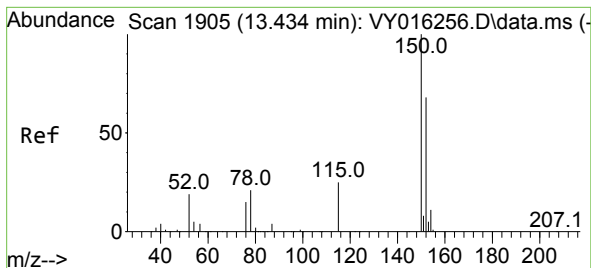
Tgt Ion: 95 Resp: 70441
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016276.D
Acq: 09 Nov 2023 13:03

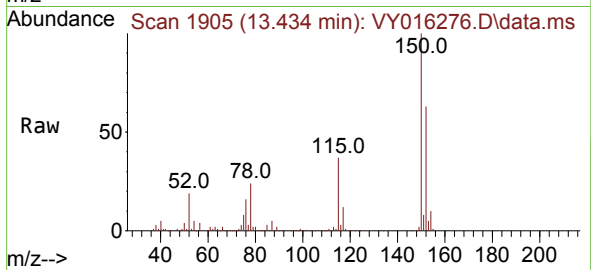
Tgt Ion: 117 Resp: 163808
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.3 26.3 39.5



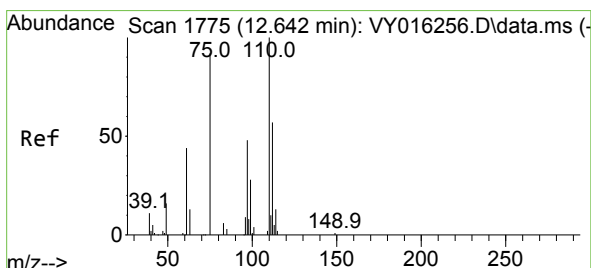
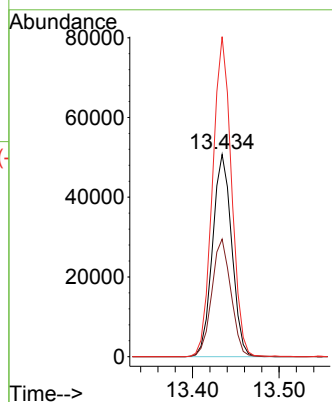
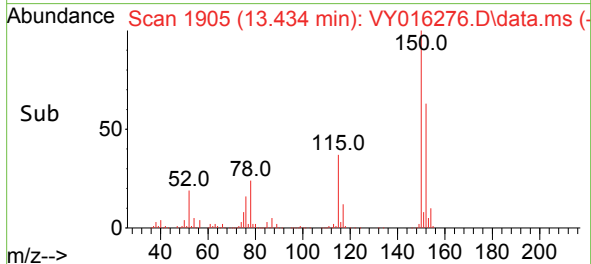


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016276.D
 Acq: 09 Nov 2023 13:03

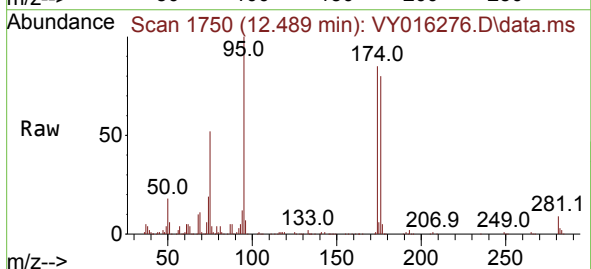
Instrument :
 MSVOA_Y
 ClientSampleId :



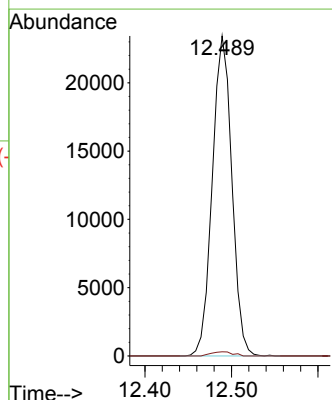
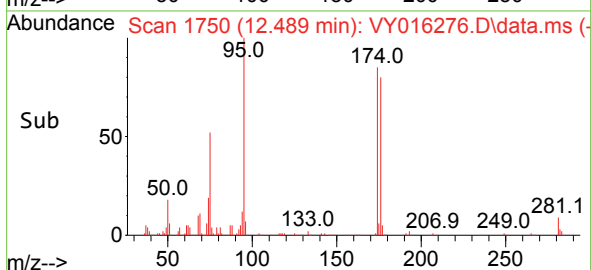
Tgt Ion:152 Resp: 78074
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.8 86.5
 150 156.1 0.0 348.8

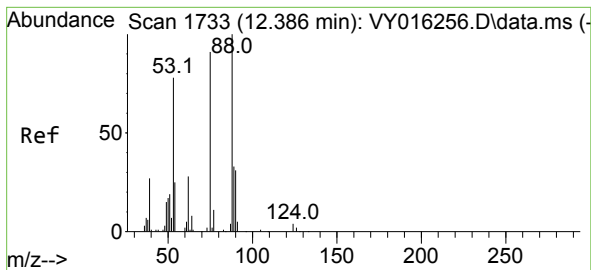


#76
 1,2,3-Trichloropropane
 Concen: 49.083 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY016276.D
 Acq: 09 Nov 2023 13:03



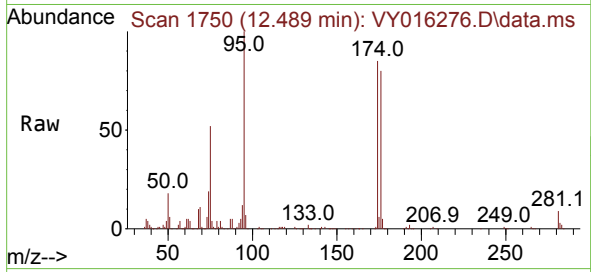
Tgt Ion: 75 Resp: 36761
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.539 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016276.D
 Acq: 09 Nov 2023 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36761
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

