

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016507.D
 Acq On : 27 Nov 2023 14:30
 Operator : SY/MD
 Sample : 05449-02RE
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 00:16:24 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)

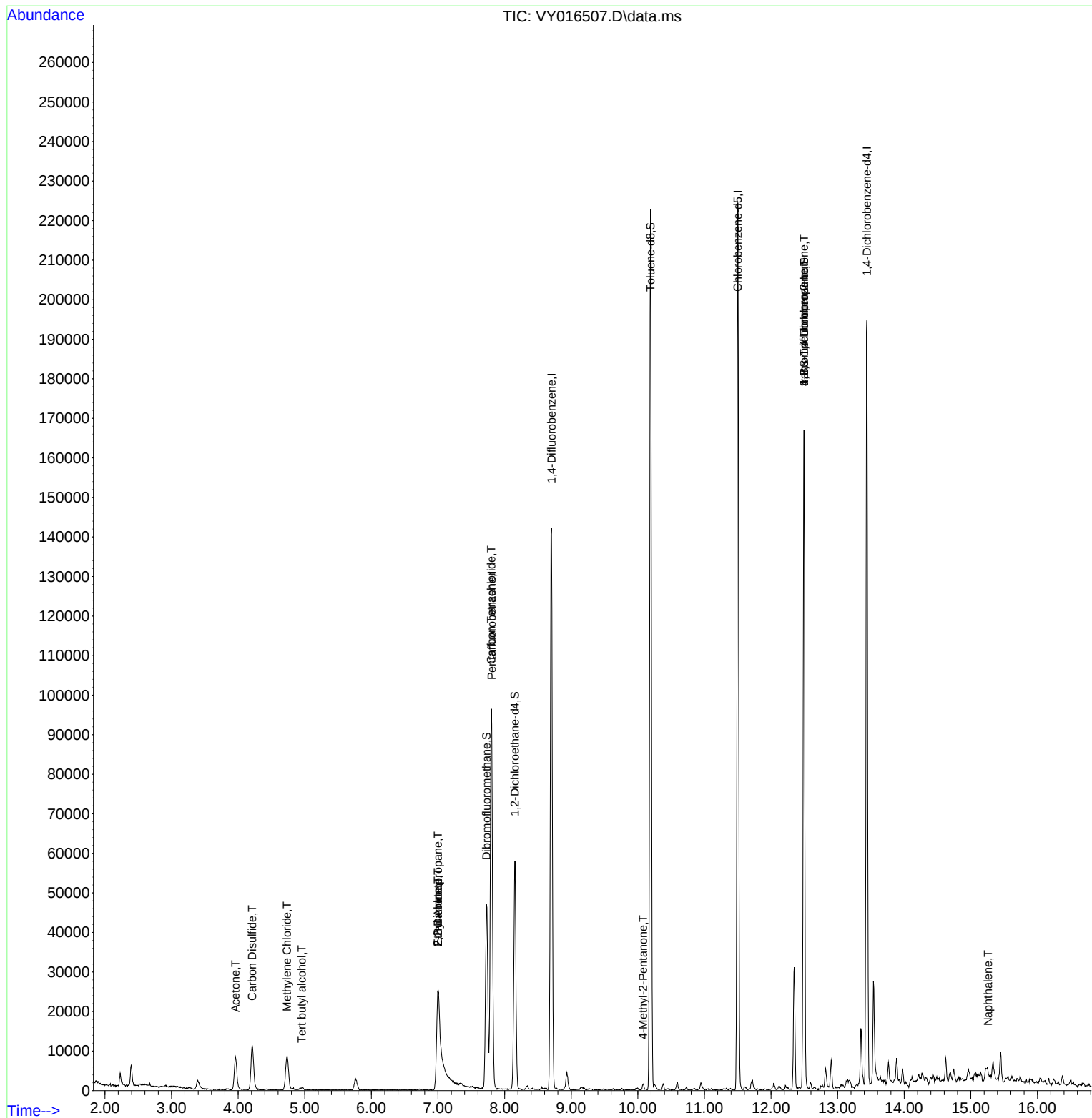
Internal Standards						
1) Pentafluorobenzene	7.807	168	80564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	136452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	128990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	55246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	45365	61.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.220%	
35) Dibromofluoromethane	7.728	113	34516	44.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.060%	
50) Toluene-d8	10.191	98	156565	49.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.495	95	52794	51.713	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	854	14.811	ug/l #	89
16) Acetone	3.960	43	14234	116.867	ug/l #	87
17) Carbon Disulfide	4.210	76	18583	7.565	ug/l	99
20) Methylene Chloride	4.735	84	7693	5.869	ug/l #	75
25) 2-Butanone	6.996	43	5540	25.969	ug/l	96
26) 2,2-Dichloropropane	6.996	77	2890	2.067	ug/l #	54
37) Ethyl Acetate	6.996	43	5540	10.187	ug/l #	78
38) Carbon Tetrachloride	7.801	117	7454	5.336	ug/l #	18
51) 4-Methyl-2-Pentanone	10.081	43	1014	1.908	ug/l #	84
76) 1,2,3-Trichloropropane	12.495	75	26423	49.858	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	26423	108.220	ug/l #	10
95) Naphthalene	15.257	128	2002	1.150	ug/l #	94

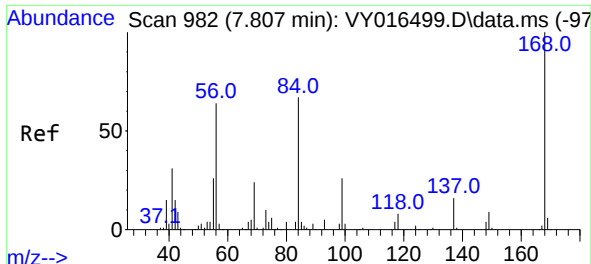
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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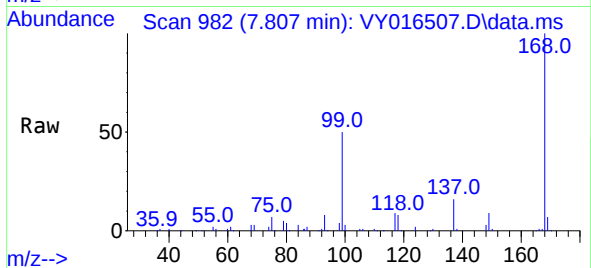
Quant Time: Nov 28 00:16:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



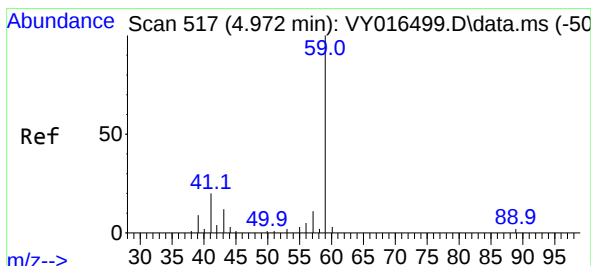
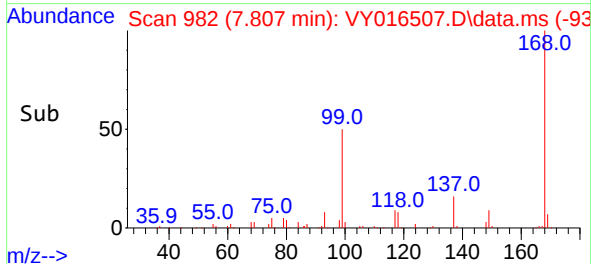
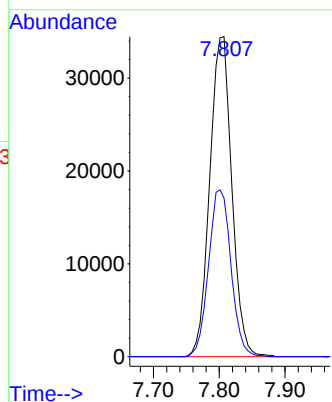


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

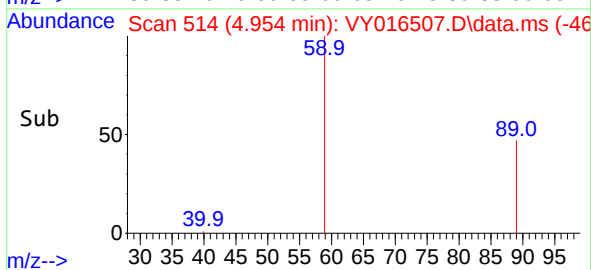
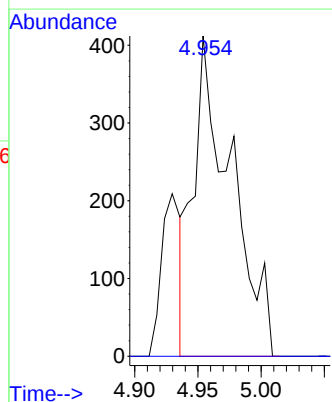
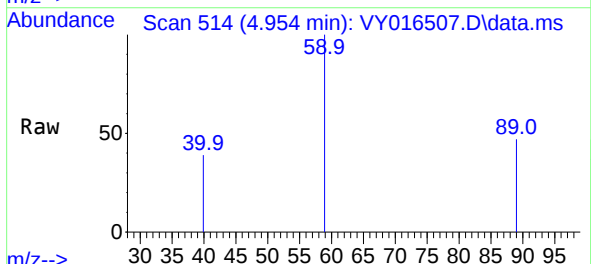


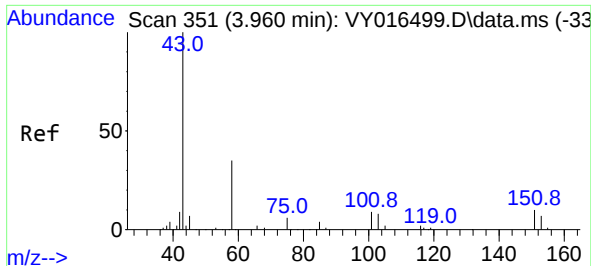
Tgt Ion:168 Resp: 80564
Ion Ratio Lower Upper
168 100
99 49.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 14.811 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

Tgt Ion: 59 Resp: 854
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 116.867 ug/l

RT: 3.960 min Scan# 351

Delta R.T. -0.000 min

Lab File: VY016507.D

Acq: 27 Nov 2023 14:30

Instrument :

MSVOA_Y

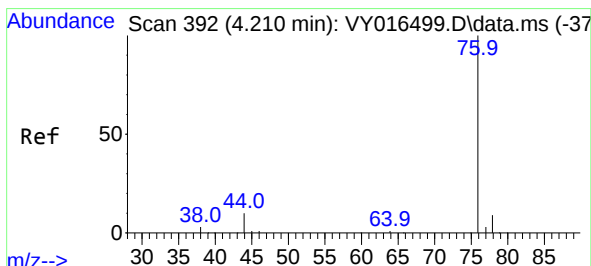
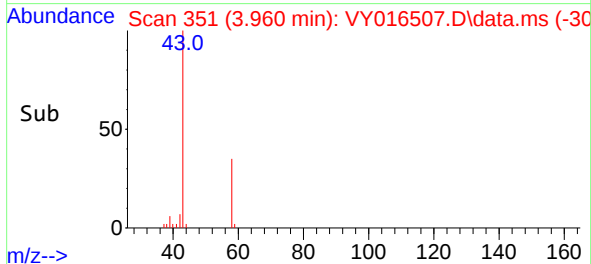
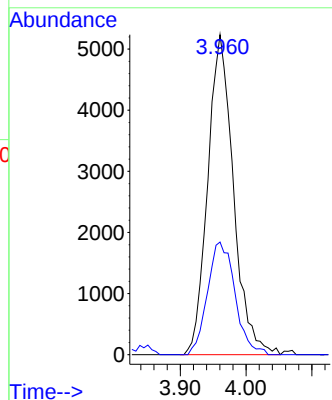
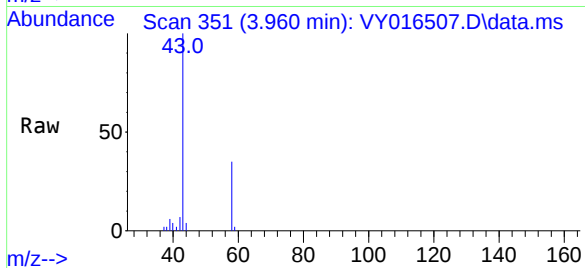
ClientSampleId :

Tgt Ion: 43 Resp: 14234

Ion Ratio Lower Upper

43 100

58 35.2 22.7 34.1#



#17

Carbon Disulfide

Concen: 7.565 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.000 min

Lab File: VY016507.D

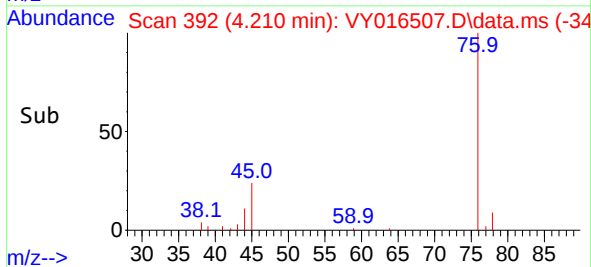
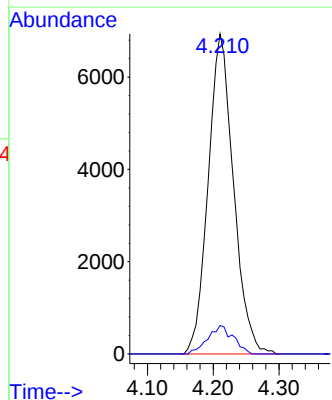
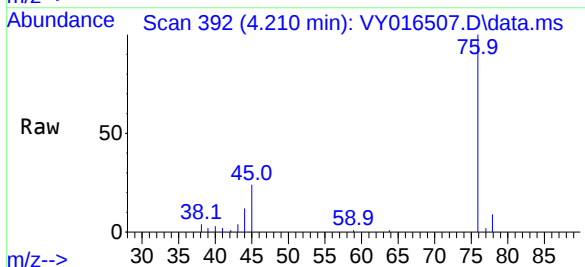
Acq: 27 Nov 2023 14:30

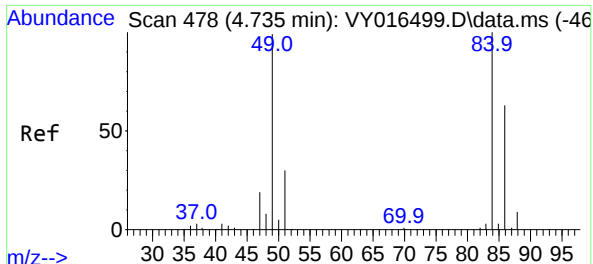
Tgt Ion: 76 Resp: 18583

Ion Ratio Lower Upper

76 100

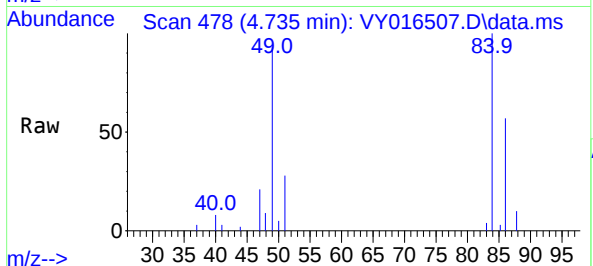
78 8.9 7.0 10.4



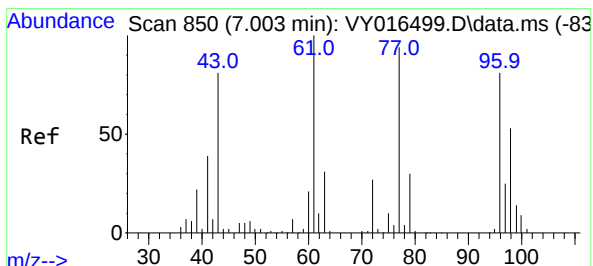
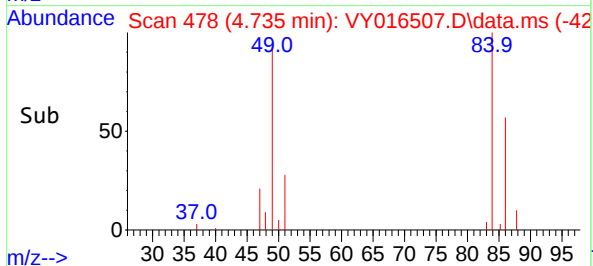
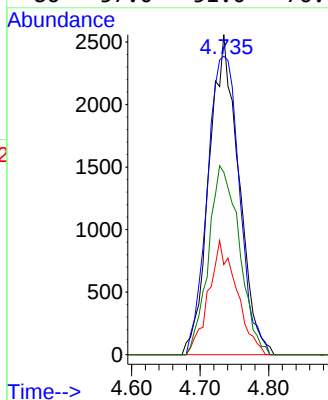


#20
Methylene Chloride
Concen: 5.869 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

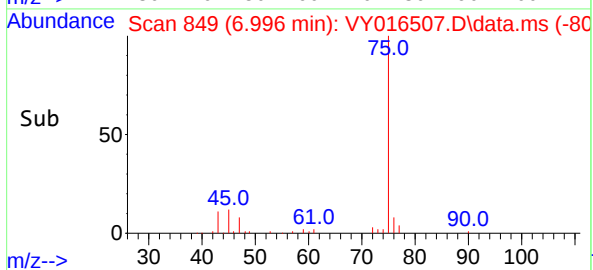
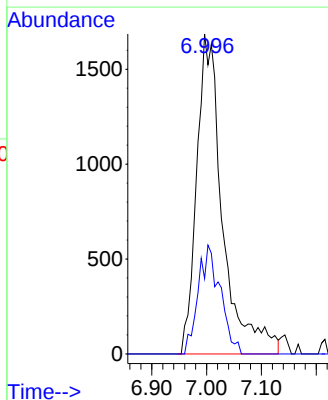
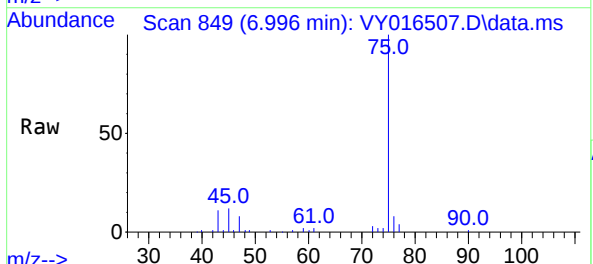


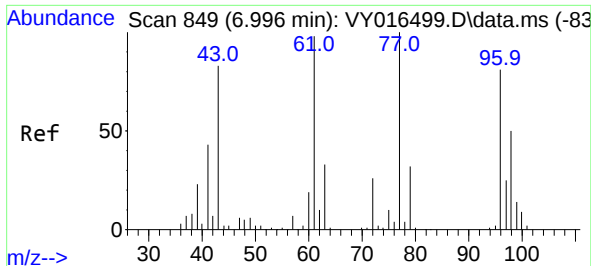
Tgt Ion: 84 Resp: 7693
Ion Ratio Lower Upper
84 100
49 93.3 106.9 160.3#
51 28.1 33.2 49.8#
86 57.0 51.0 76.6



#25
2-Butanone
Concen: 25.969 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

Tgt Ion: 43 Resp: 5540
Ion Ratio Lower Upper
43 100
72 23.5 20.5 30.7

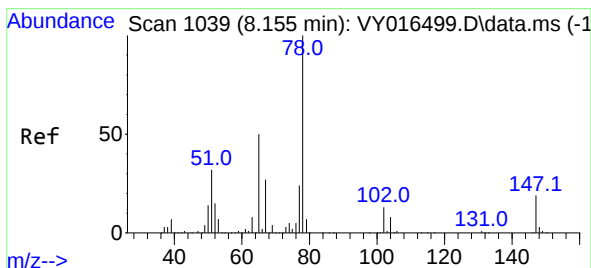
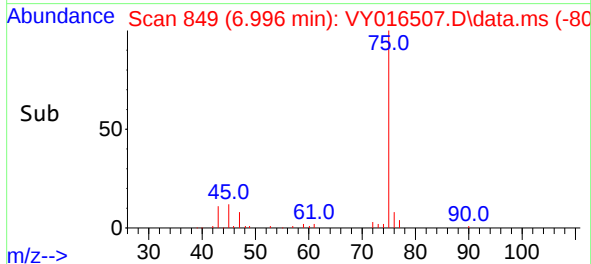
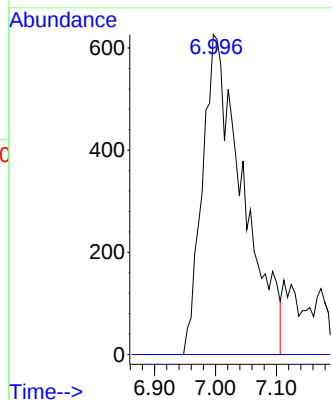
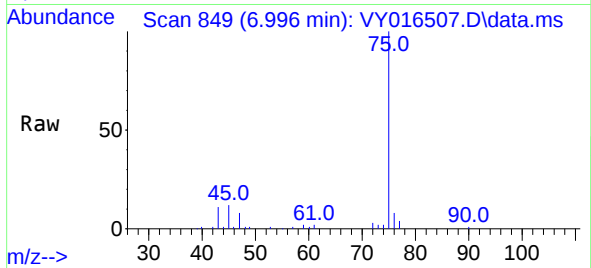




#26
2,2-Dichloropropane
Concen: 2.067 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

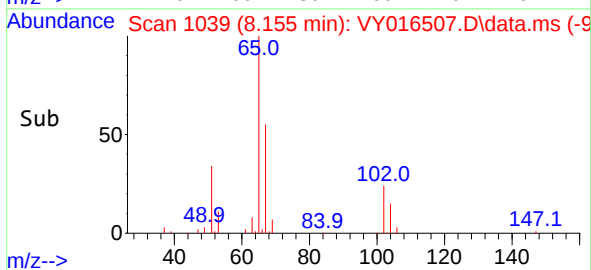
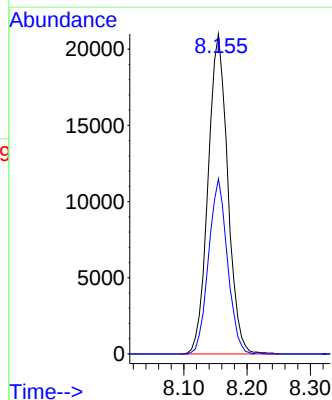
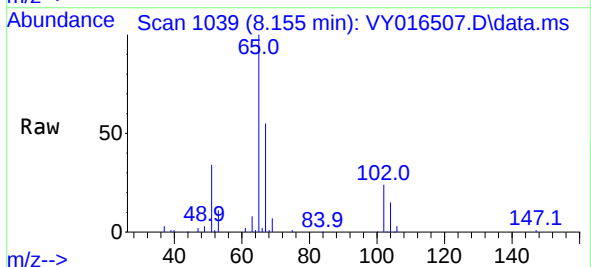
Instrument :
MSVOA_Y
ClientSampleId :

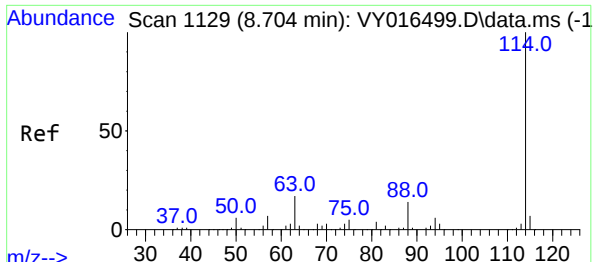
Tgt Ion: 77 Resp: 2890
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 61.610 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

Tgt Ion: 65 Resp: 45365
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016507.D

Acq: 27 Nov 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

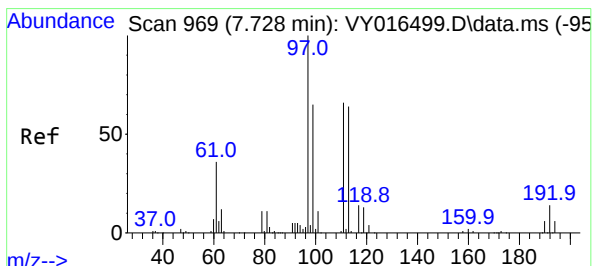
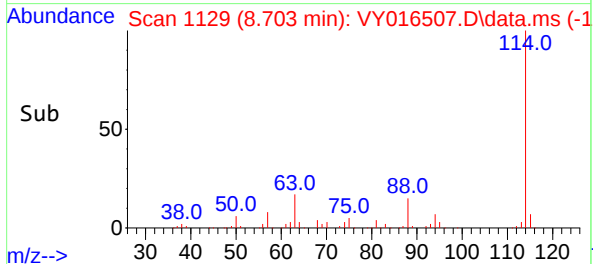
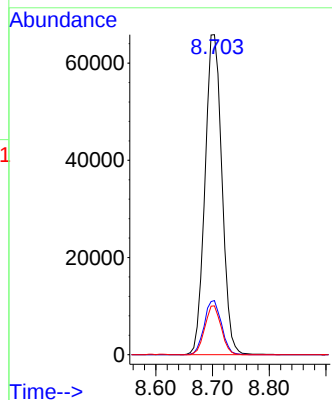
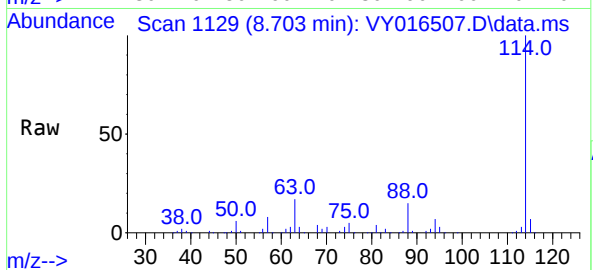
Tgt Ion:114 Resp: 136452

Ion Ratio Lower Upper

114 100

63 16.9 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.529 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016507.D

Acq: 27 Nov 2023 14:30

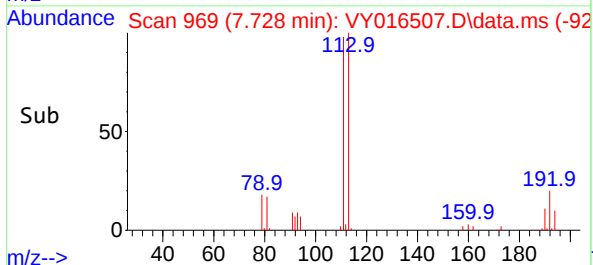
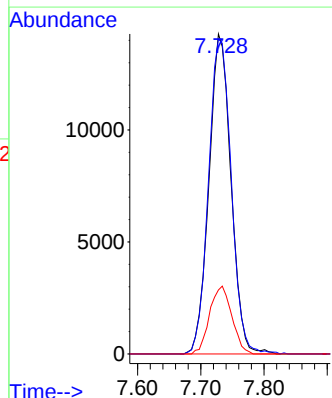
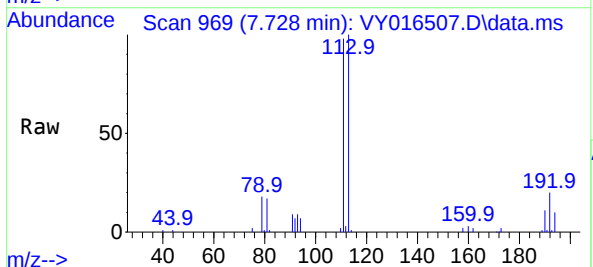
Tgt Ion:113 Resp: 34516

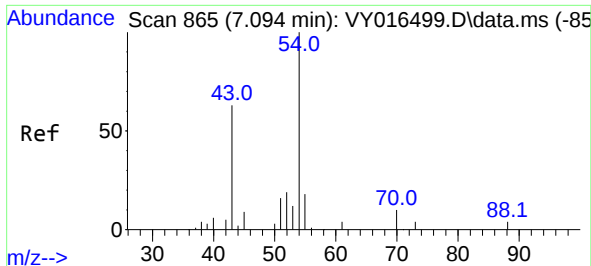
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

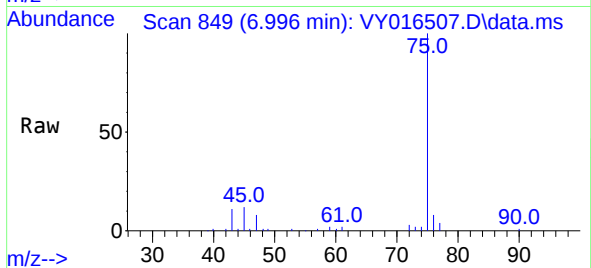
192 21.4 16.9 25.3



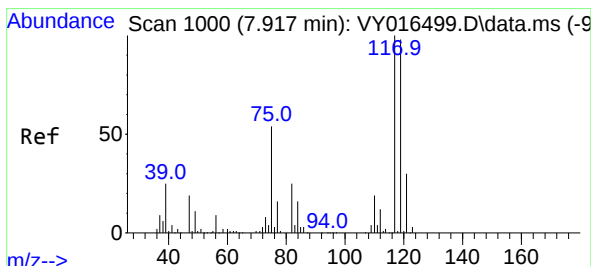
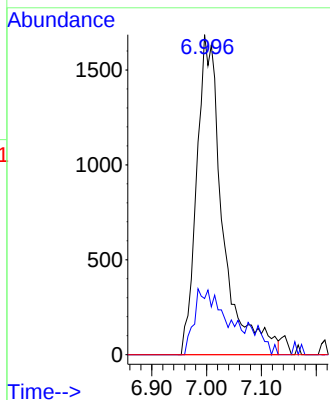
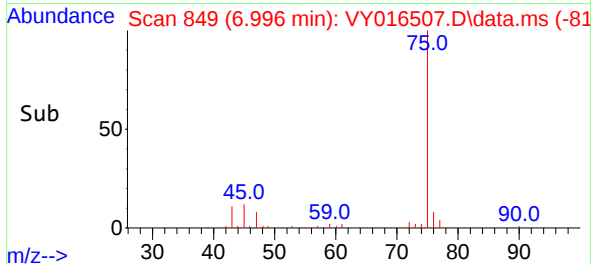


#37
Ethyl Acetate
Concen: 10.187 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.092 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

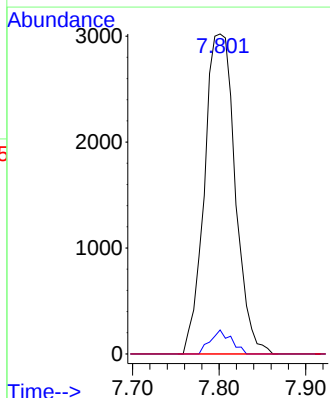
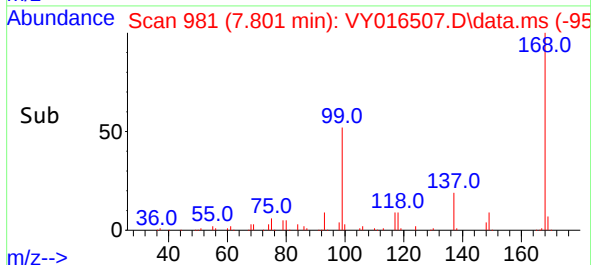
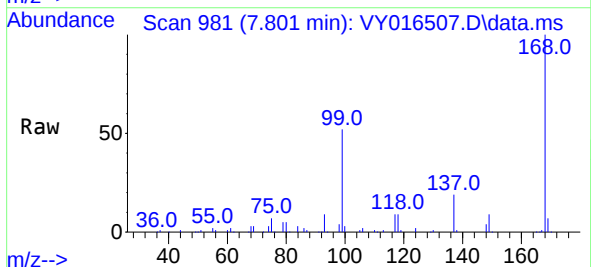


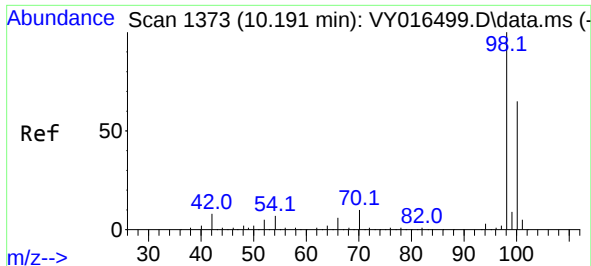
Tgt Ion: 43 Resp: 5540
Ion Ratio Lower Upper
43 100
61 20.2 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.336 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

Tgt Ion: 117 Resp: 7454
Ion Ratio Lower Upper
117 100
119 7.5 76.4 114.6#
121 0.0 25.8 38.6#

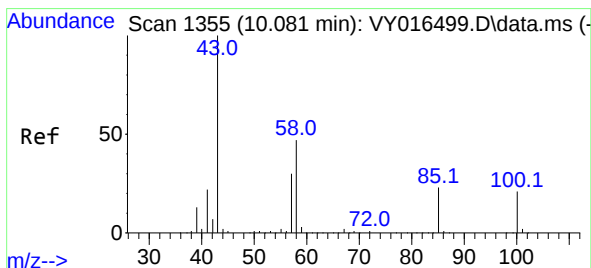
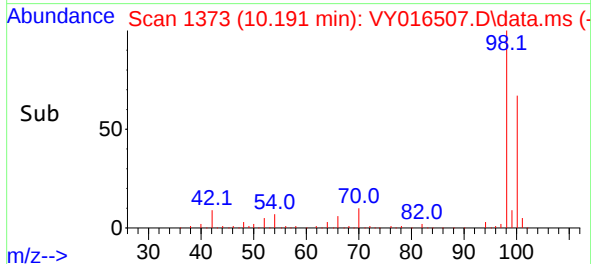
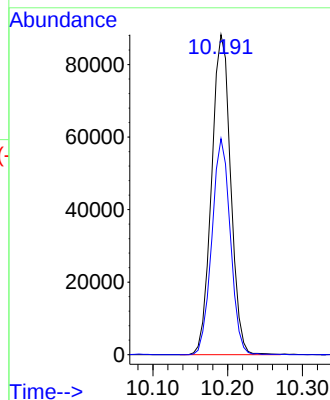
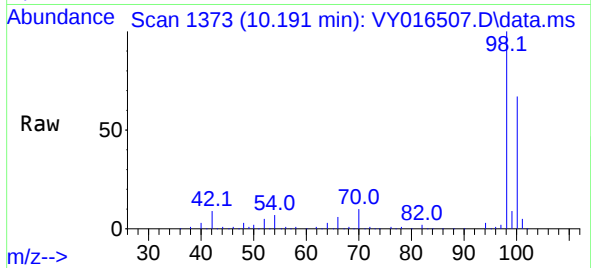




#50
Toluene-d8
Concen: 49.809 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

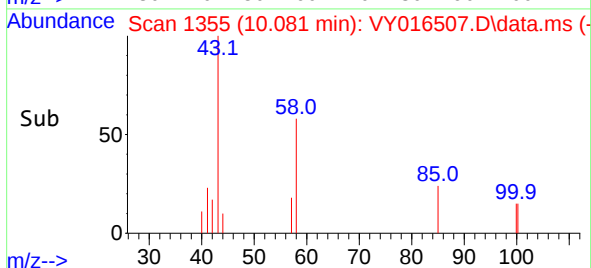
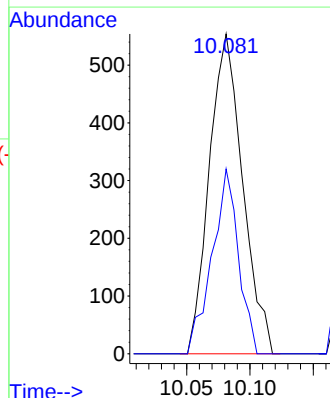
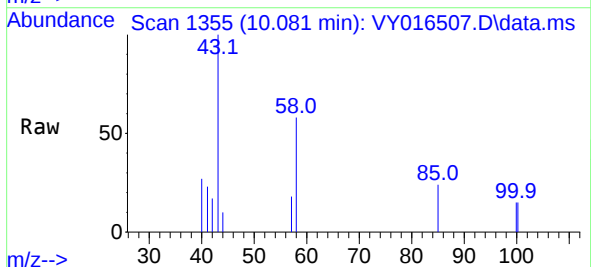
Instrument :
MSVOA_Y
ClientSampleId :

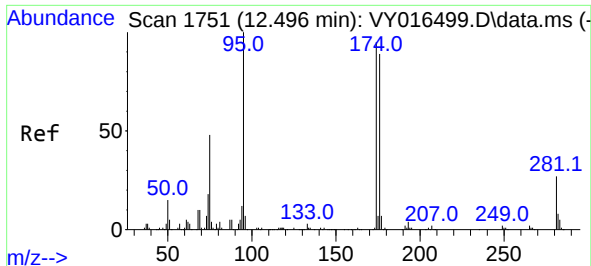
Tgt Ion: 98 Resp: 156565
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.908 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

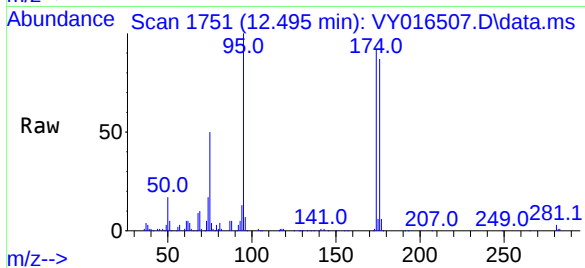
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 45.7 29.0 43.6#



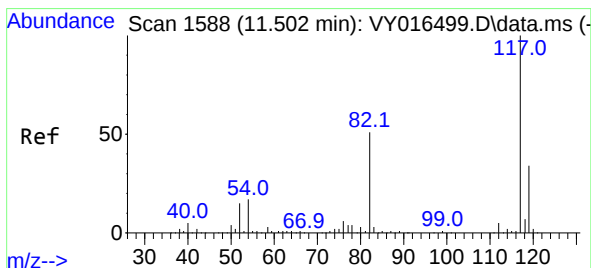
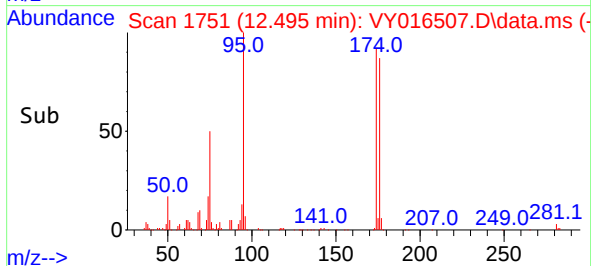
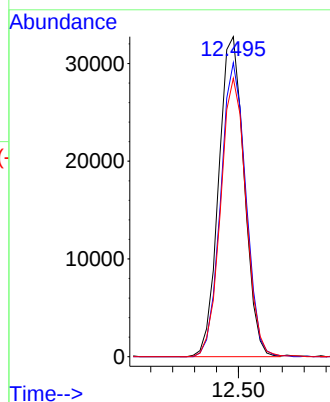


#62
4-Bromofluorobenzene
Concen: 51.713 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

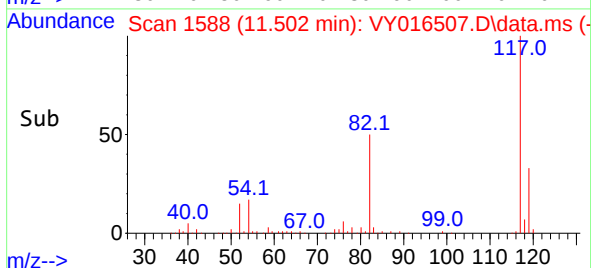
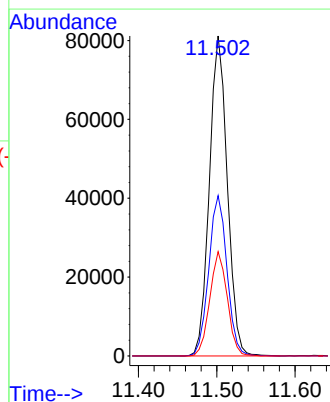
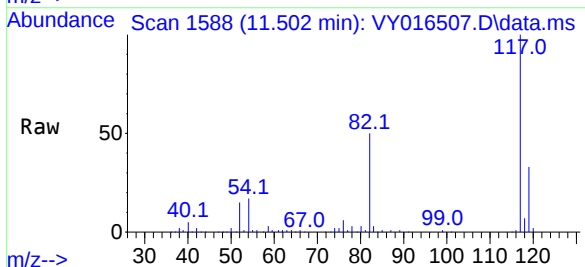


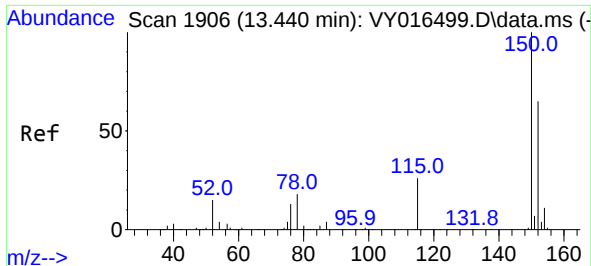
Tgt Ion: 95 Resp: 52794
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.2
176 86.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

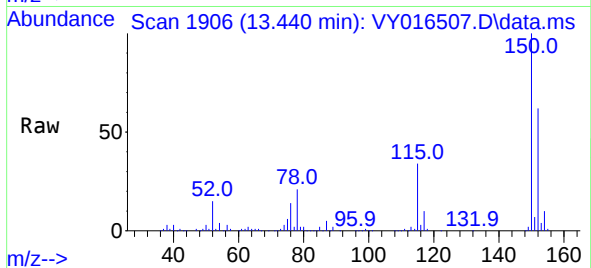
Tgt Ion: 117 Resp: 128990
Ion Ratio Lower Upper
117 100
82 50.1 43.4 65.0
119 32.6 26.3 39.5



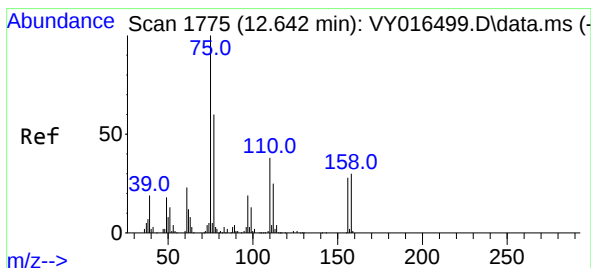
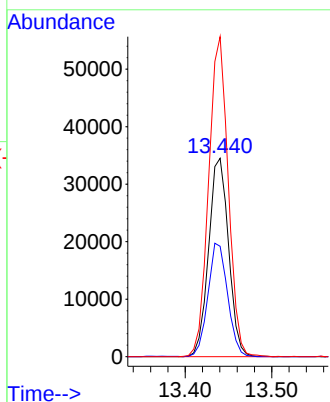
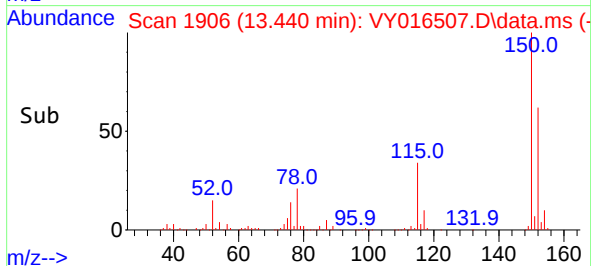


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

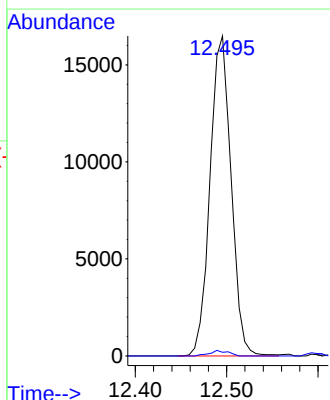
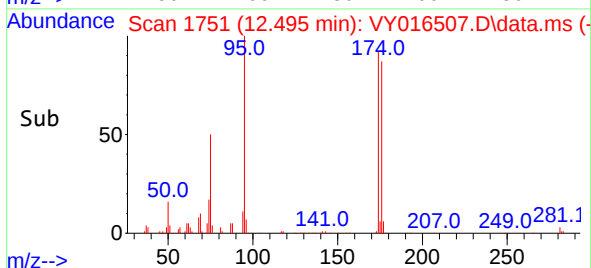
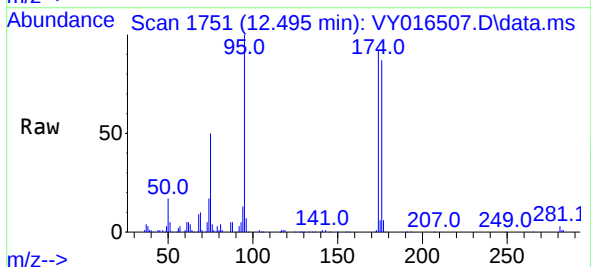


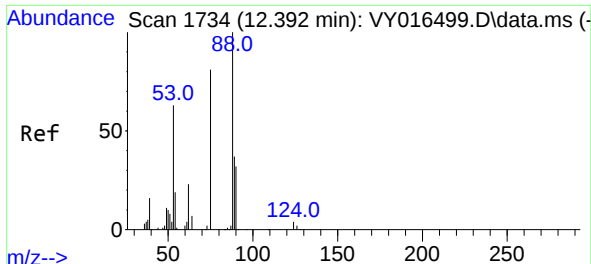
Tgt Ion:152 Resp: 55246
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 158.0 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 49.858 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

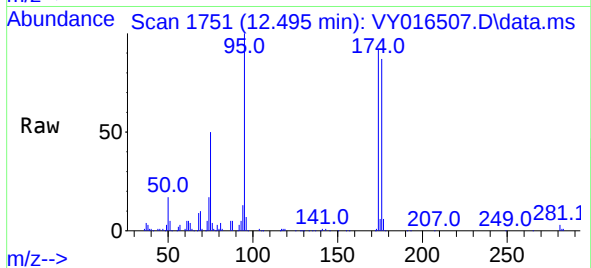
Tgt Ion: 75 Resp: 26423
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



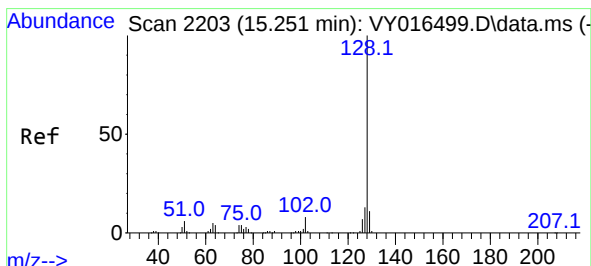
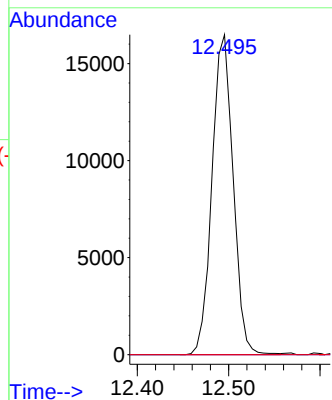
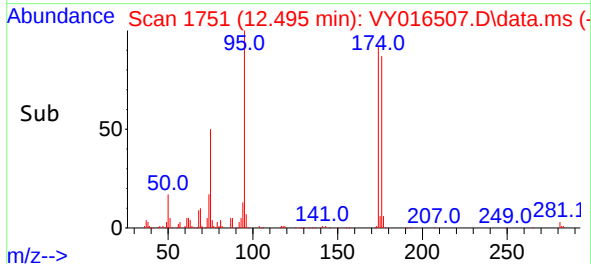


#81
trans-1,4-Dichloro-2-butene
Concen: 108.220 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30

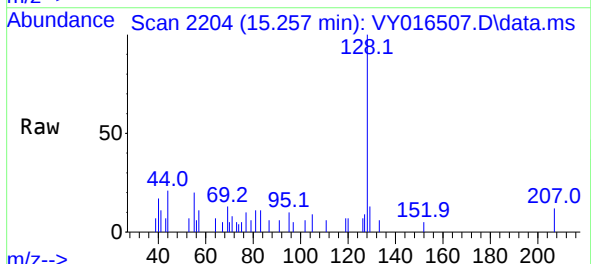
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 26423
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.150 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY016507.D
Acq: 27 Nov 2023 14:30



Tgt Ion: 128 Resp: 2002
Ion Ratio Lower Upper
128 100
127 18.0 10.8 16.2#
129 10.7 8.6 13.0

