

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019394.D
 Acq On : 30 Aug 2024 14:39
 Operator : SY/MD
 Sample : P3758-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 16:20:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

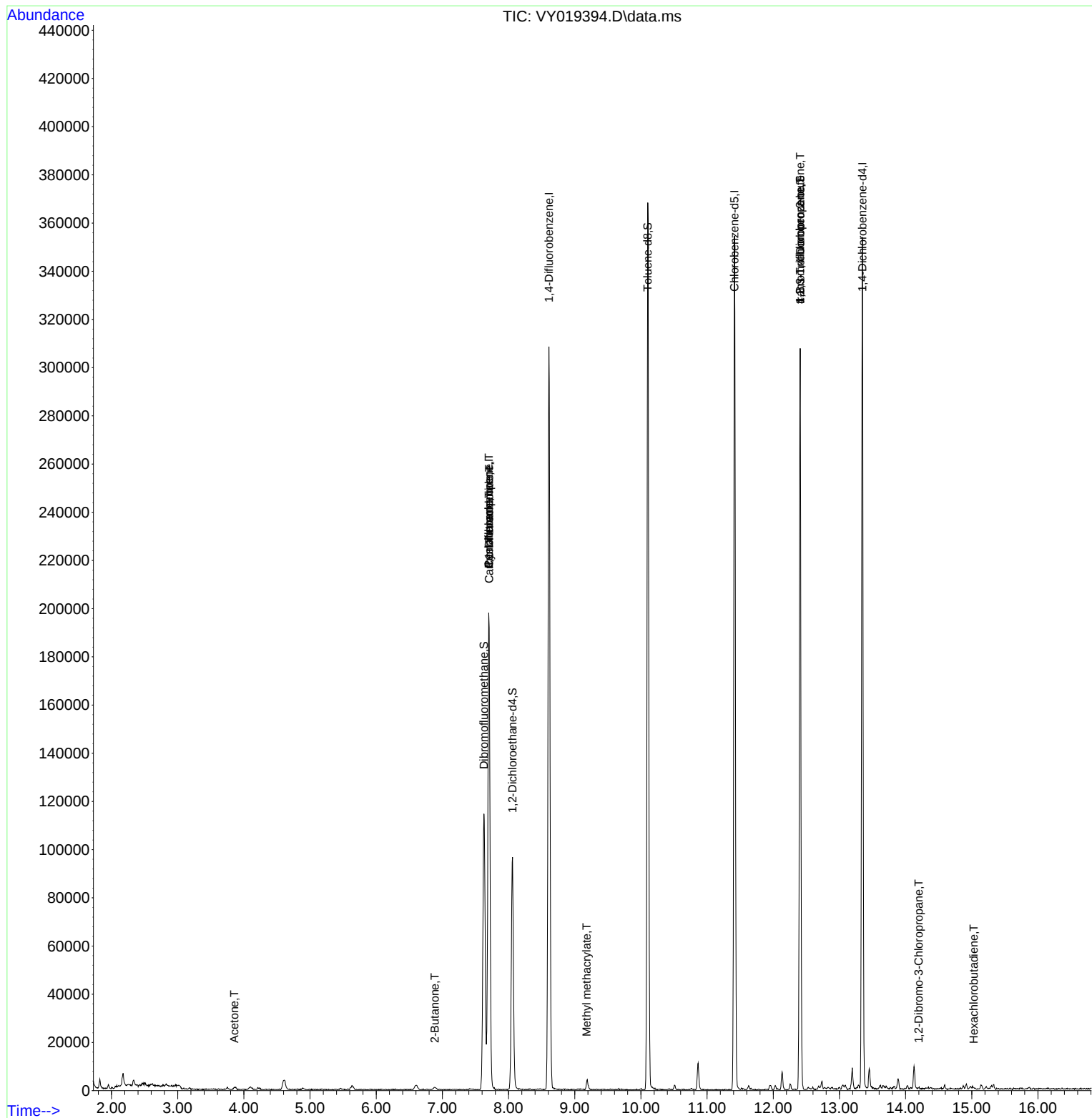
Internal Standards						
1) Pentafluorobenzene	7.701	168	155365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	271495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	194427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	86400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	76624	52.069	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.140%	
35) Dibromofluoromethane	7.628	113	82919	48.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.620%	
50) Toluene-d8	10.103	98	241110	38.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 76.320%	
62) 4-Bromofluorobenzene	12.407	95	88858	43.479	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.960%	
Target Compounds						
5) Bromomethane	2.598	94	564	Below Cal	#	59
16) Acetone	3.854	43	1589	5.490	ug/l #	76
20) Methylene Chloride	4.610	84	3147	Below Cal	#	86
25) 2-Butanone	6.884	43	514	1.328	ug/l #	41
31) Cyclohexane	7.701	56	3285	1.313	ug/l #	15
36) 1,1-Dichloropropene	7.701	75	11343	4.676	ug/l #	48
38) Carbon Tetrachloride	7.707	117	15294	5.173	ug/l #	16
48) Methyl methacrylate	9.182	41	1086	1.226	ug/l #	32
76) 1,2,3-Trichloropropane	12.407	75	47651	62.801	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	47651	155.374	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.200	75	19	1.436	ug/l #	1
94) Hexachlorobutadiene	15.029	225	261	3.737	ug/l	81

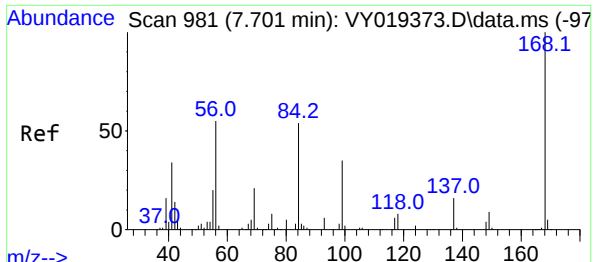
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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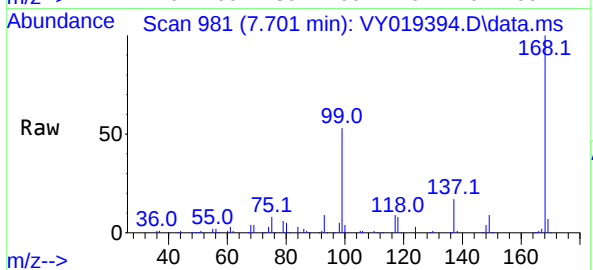
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration



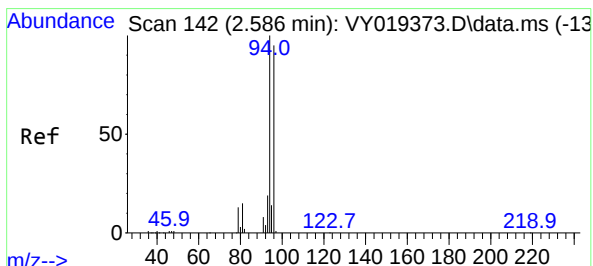
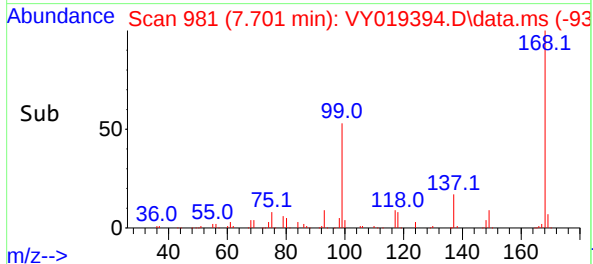
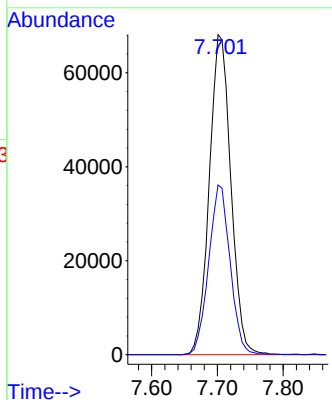


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :

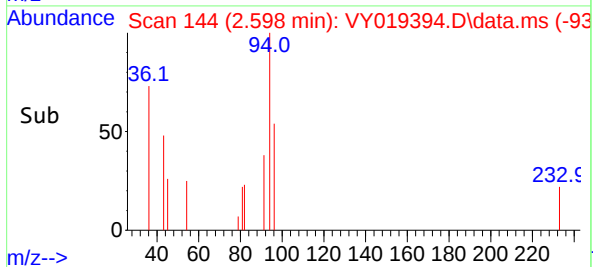
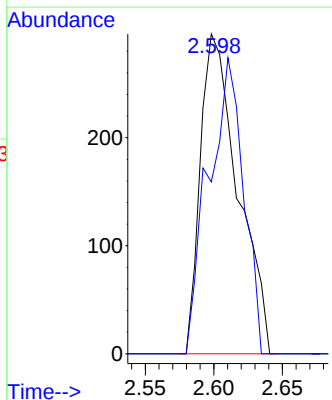
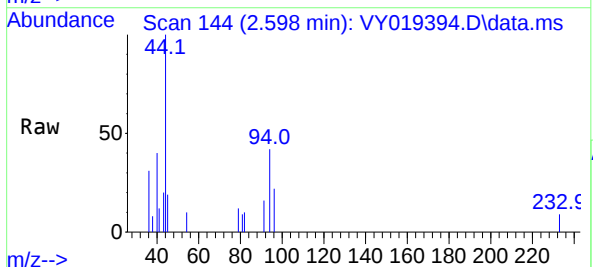


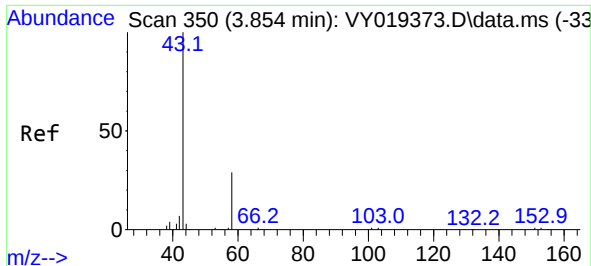
Tgt Ion:168 Resp: 155365
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Tgt Ion: 94 Resp: 564
Ion Ratio Lower Upper
94 100
96 53.7 74.1 111.1#

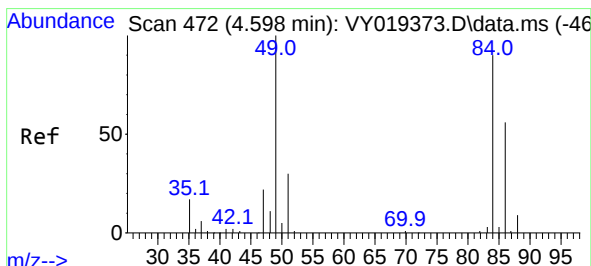
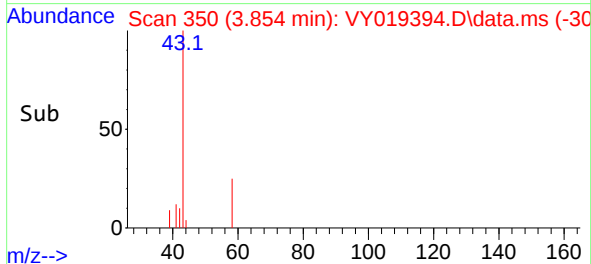
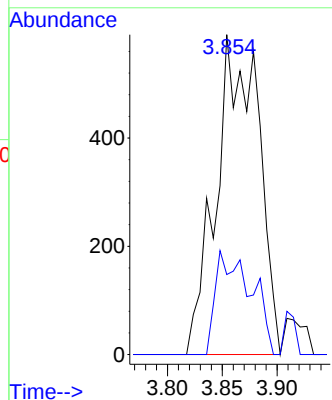
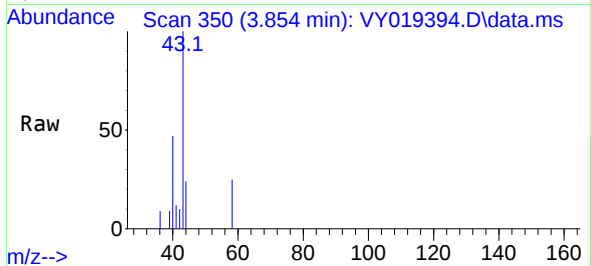




#16
Acetone
Concen: 5.490 ug/l
RT: 3.854 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

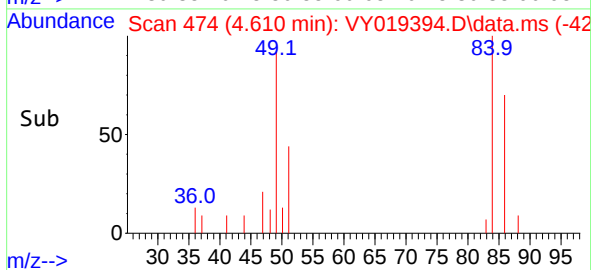
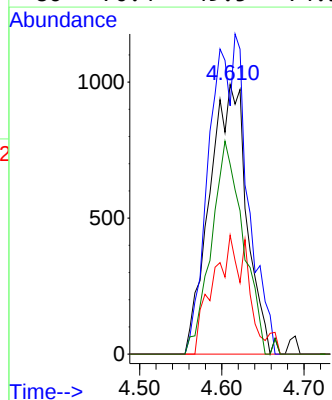
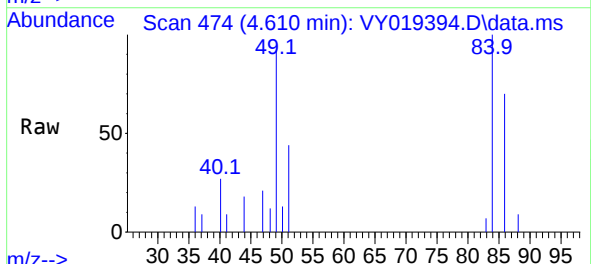
Instrument :
MSVOA_Y
ClientSampleId :

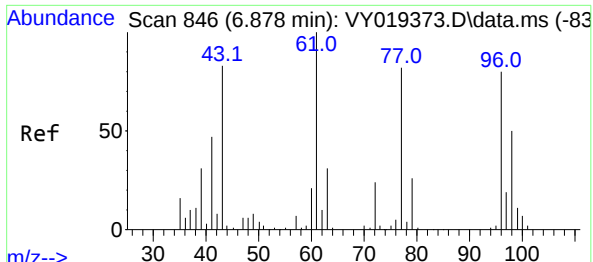
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 25.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Tgt Ion: 84 Resp: 3147
Ion Ratio Lower Upper
84 100
49 92.1 84.4 126.6
51 44.1 26.0 39.0#
86 70.4 49.5 74.3

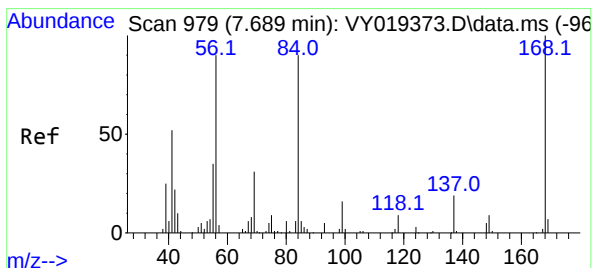
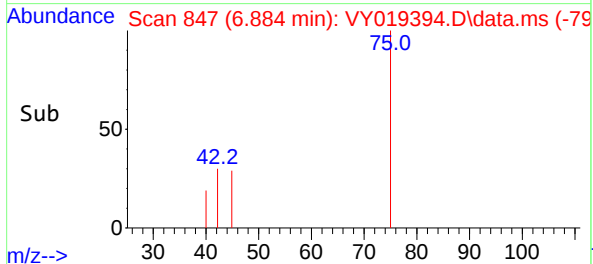
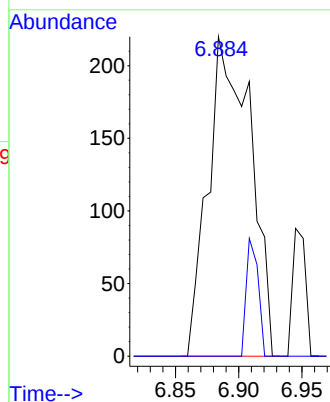
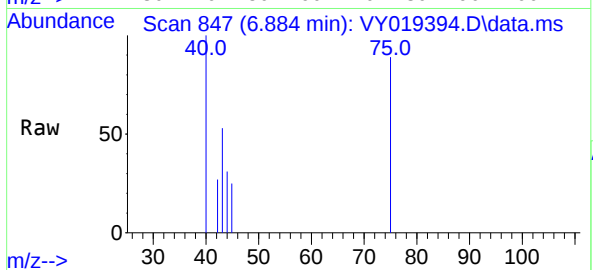




#25
2-Butanone
Concen: 1.328 ug/l
RT: 6.884 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

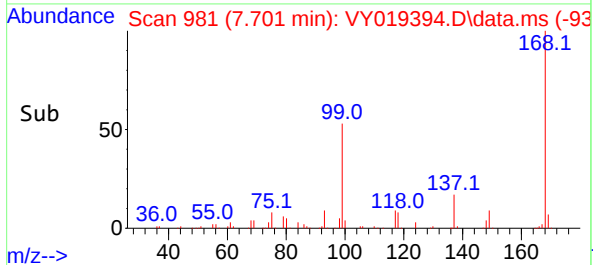
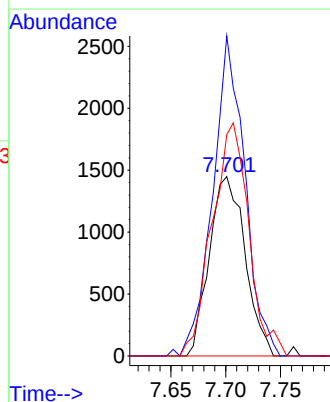
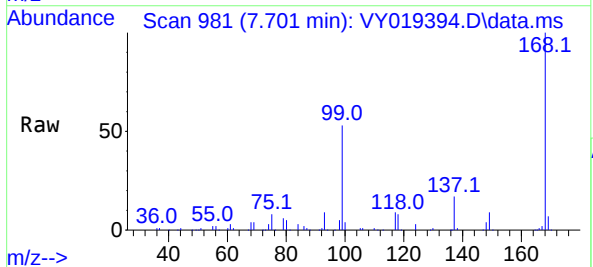
Instrument :
MSVOA_Y
ClientSampleId :

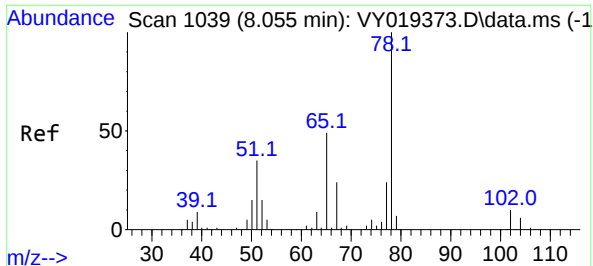
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Tgt Ion: 56 Resp: 3285
Ion Ratio Lower Upper
56 100
69 178.5 28.7 43.1#
84 123.4 77.7 116.5#

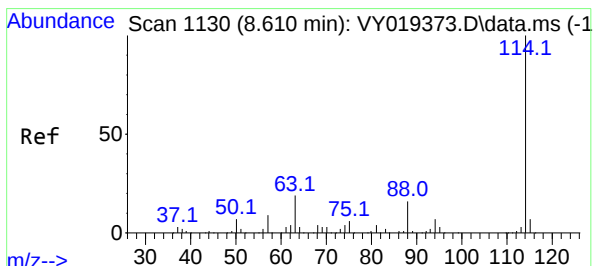
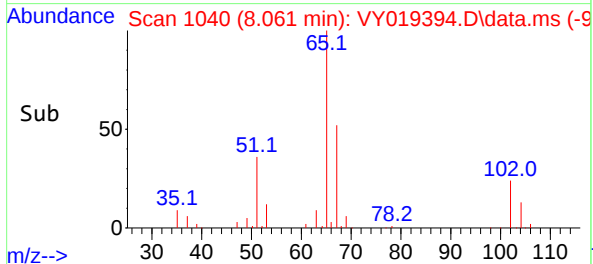
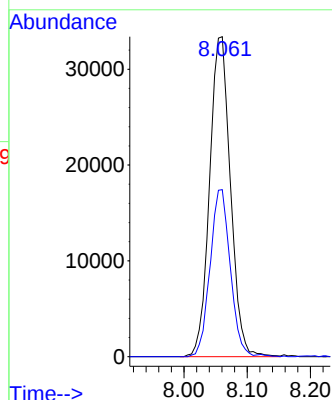
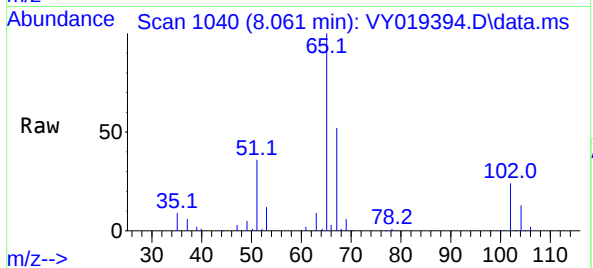




#33
1,2-Dichloroethane-d4
Concen: 52.069 ug/l
RT: 8.061 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

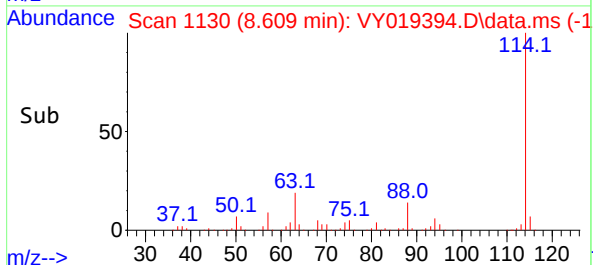
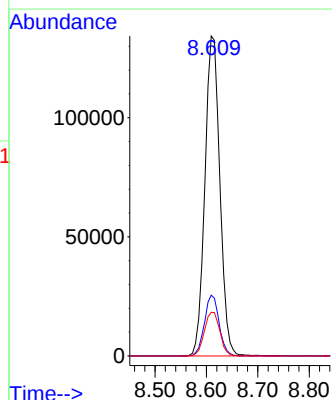
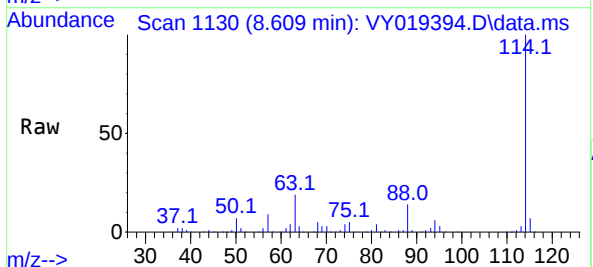
Instrument :
MSVOA_Y
ClientSampleId :

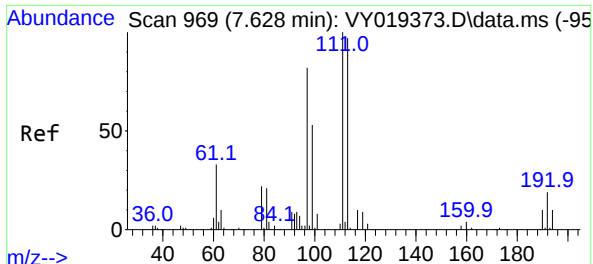
Tgt Ion: 65 Resp: 76624
Ion Ratio Lower Upper
65 100
67 50.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

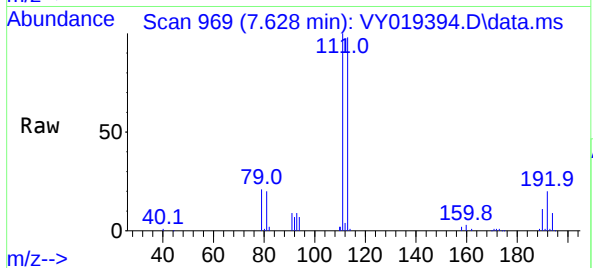
Tgt Ion: 114 Resp: 271495
Ion Ratio Lower Upper
114 100
63 19.0 0.0 35.0
88 13.7 0.0 27.2



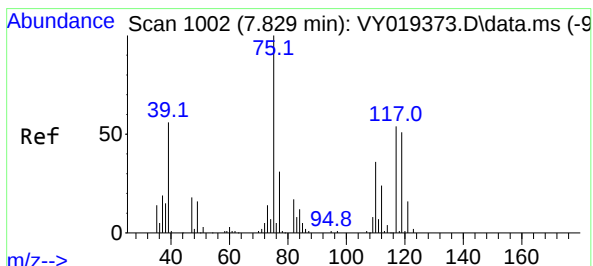
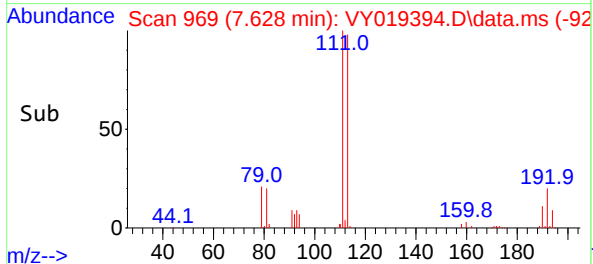
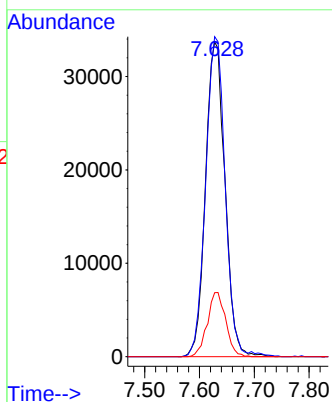


#35
Dibromofluoromethane
Concen: 48.307 ug/l
RT: 7.628 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :

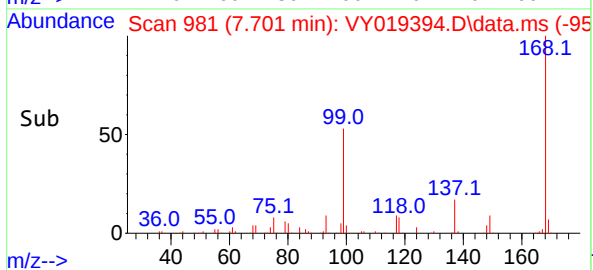
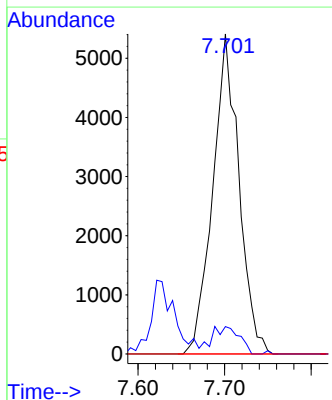
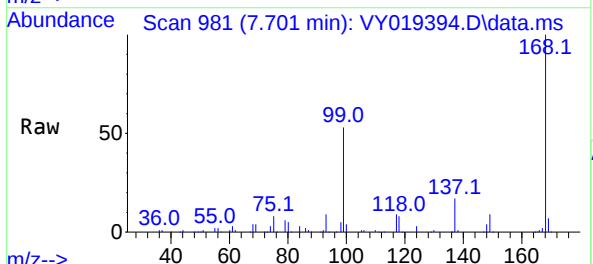


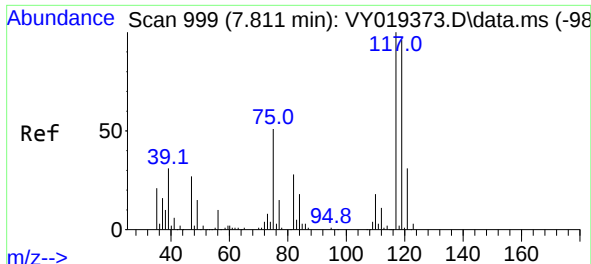
Tgt Ion:113 Resp: 82919
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

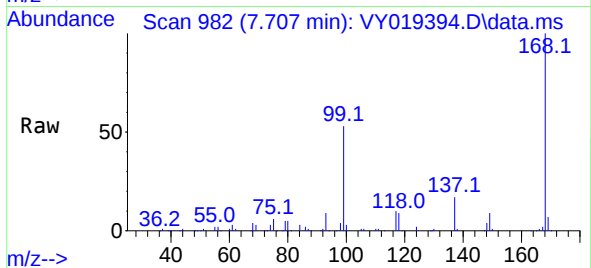
Tgt Ion: 75 Resp: 11343
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



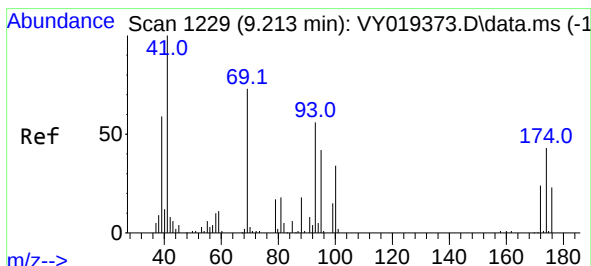
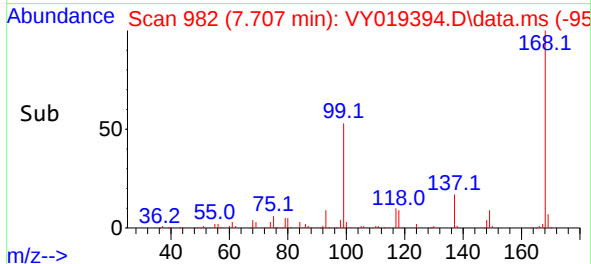
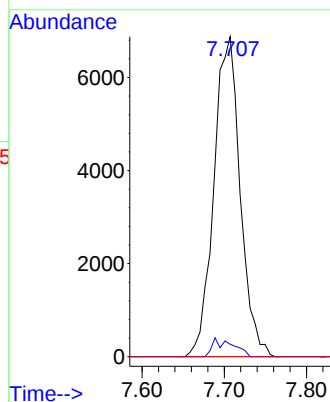


#38
Carbon Tetrachloride
Concen: 5.173 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :

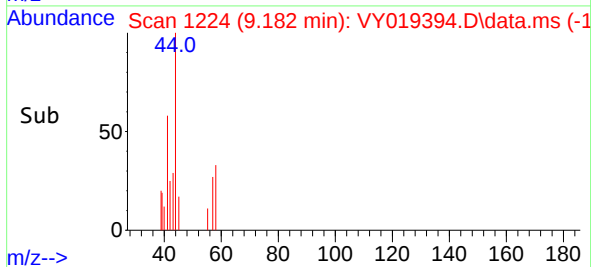
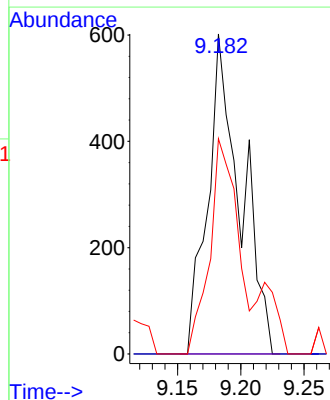
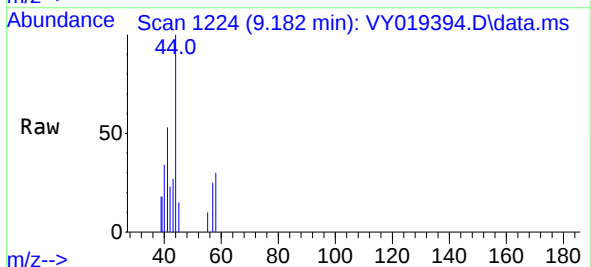


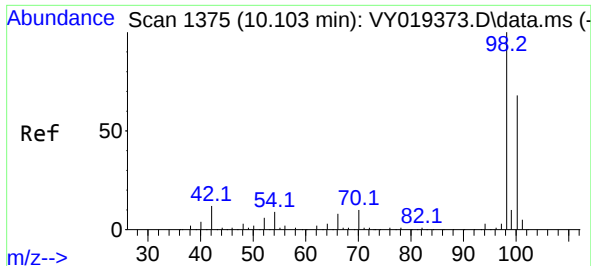
Tgt Ion:117 Resp: 15294
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.0 36.0#



#48
Methyl methacrylate
Concen: 1.226 ug/l
RT: 9.182 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Tgt Ion: 41 Resp: 1086
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 56.5 43.6 65.4

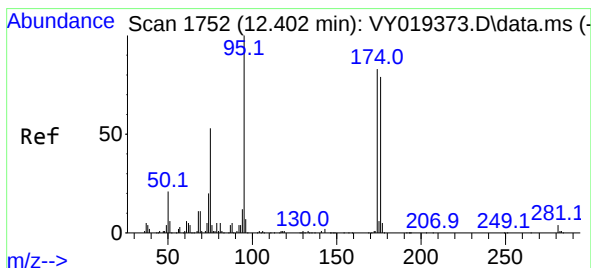
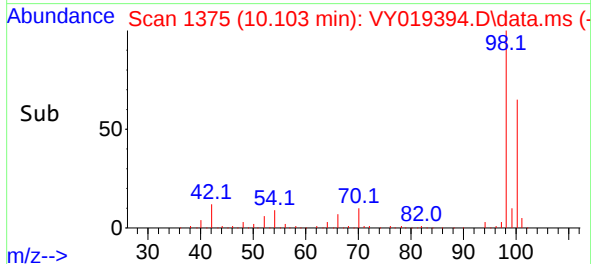
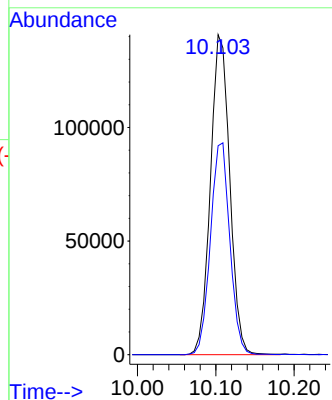
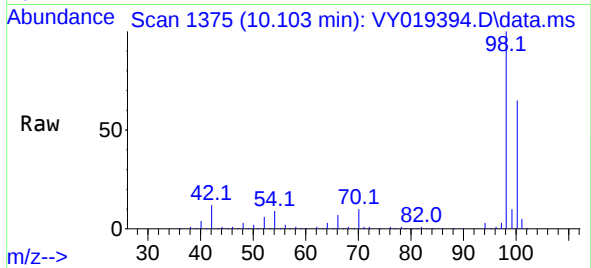




#50
Toluene-d8
Concen: 38.158 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

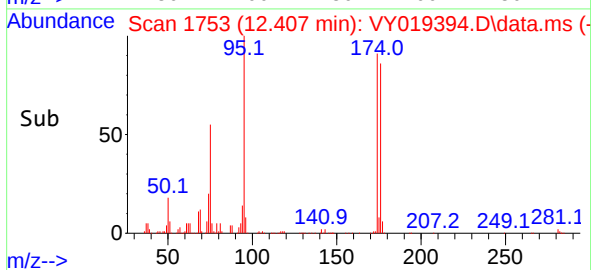
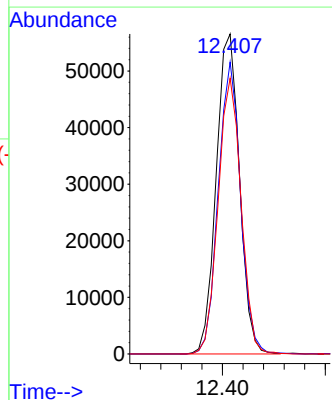
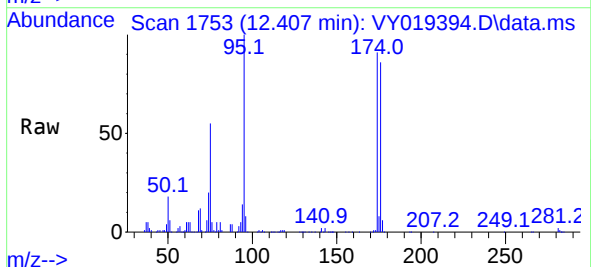
Instrument :
MSVOA_Y
ClientSampleId :

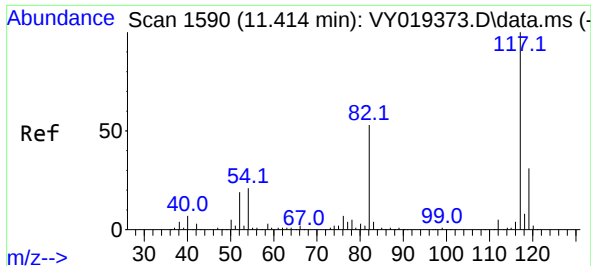
Tgt Ion: 98 Resp: 241110
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.479 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

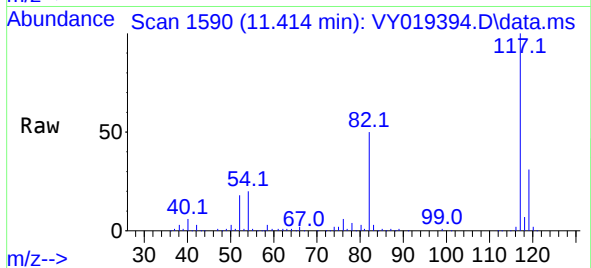
Tgt Ion: 95 Resp: 88858
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.6
176 84.8 0.0 171.4



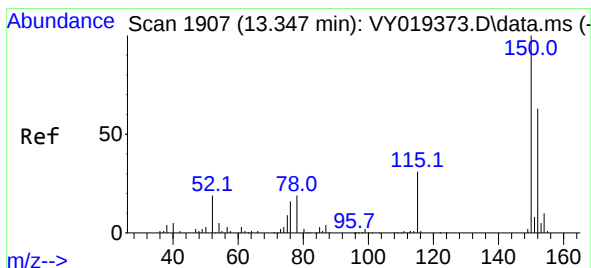
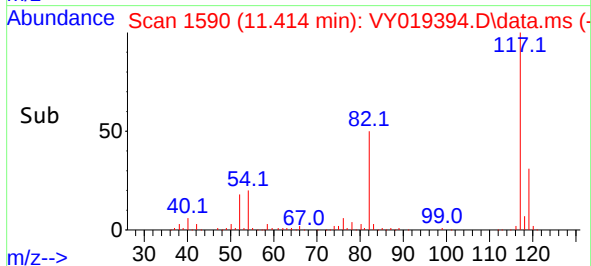
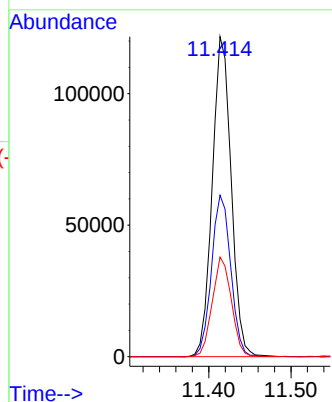


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :

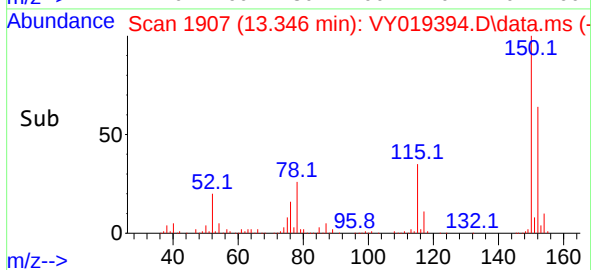
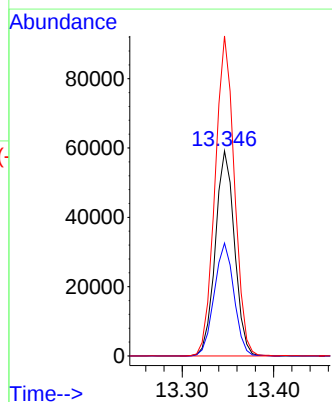
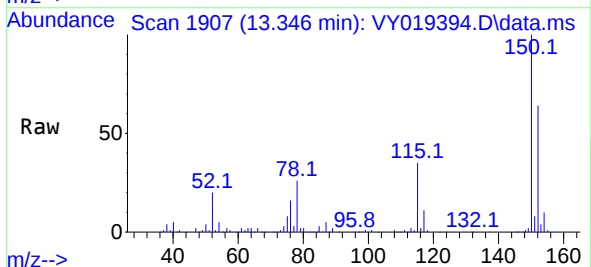


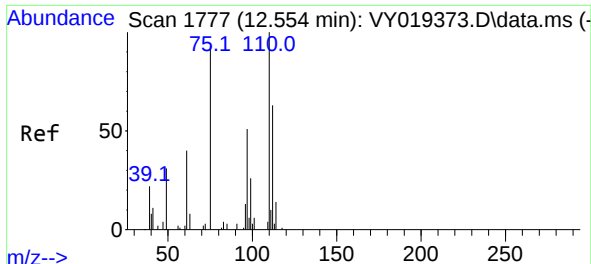
Tgt Ion:117 Resp: 194427
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 31.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Tgt Ion:152 Resp: 86400
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 156.9 0.0 345.6

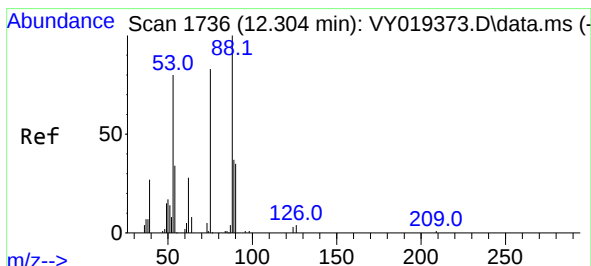
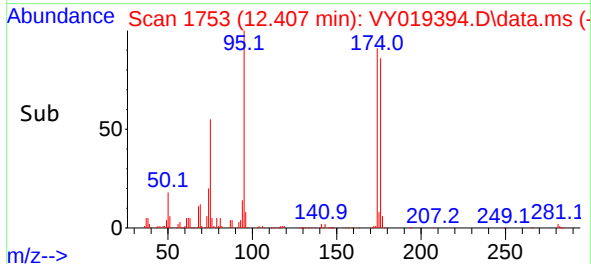
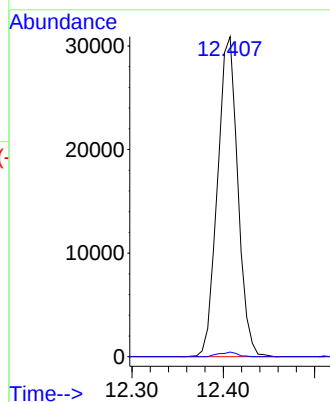
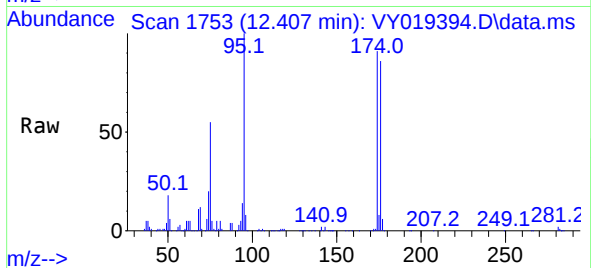




#76
1,2,3-Trichloropropane
Concen: 62.801 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

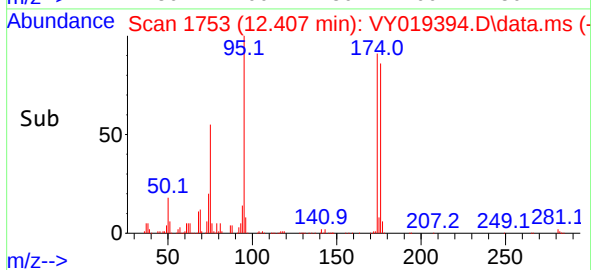
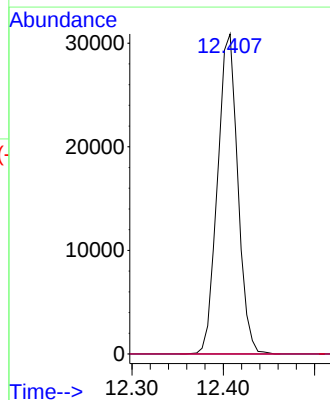
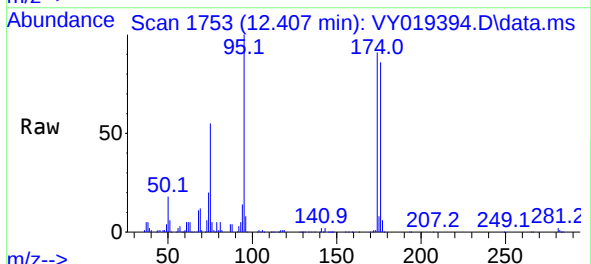
Instrument :
MSVOA_Y
ClientSampleId :

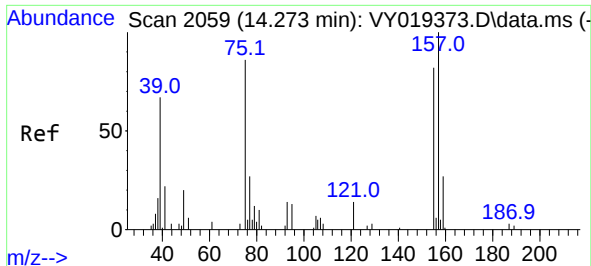
Tgt Ion: 75 Resp: 47651
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 155.374 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

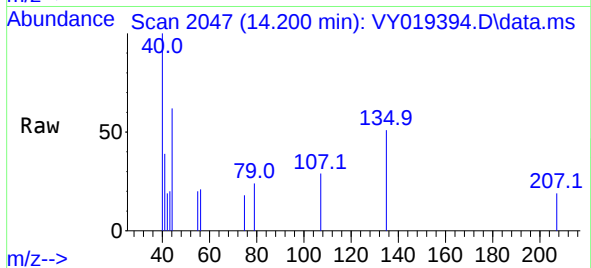
Tgt Ion: 75 Resp: 47651
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



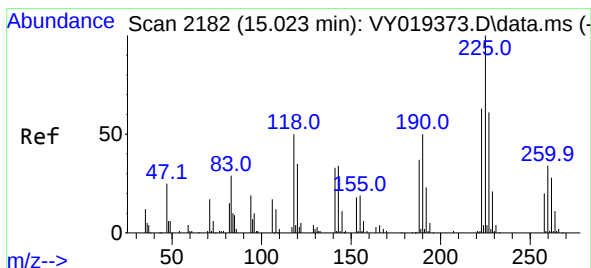
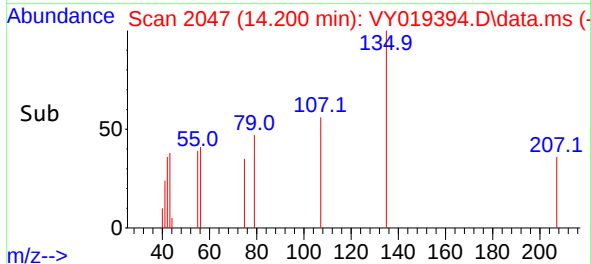
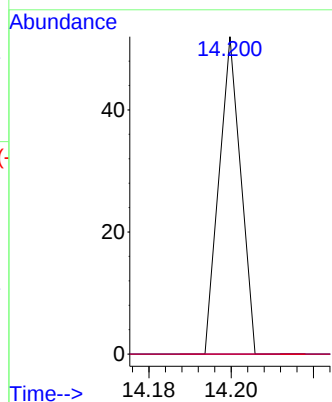


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.436 ug/l
RT: 14.200 min Scan# 2059
Delta R.T. -0.073 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#



#94
Hexachlorobutadiene
Concen: 3.737 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY019394.D
Acq: 30 Aug 2024 14:39

Tgt Ion: 225 Resp: 261
Ion Ratio Lower Upper
225 100
223 43.7 30.4 91.2
227 52.1 31.9 95.9

