

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020393.D
 Acq On : 21 Nov 2024 17:40
 Operator : SY/MD
 Sample : P4893-07
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:27:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

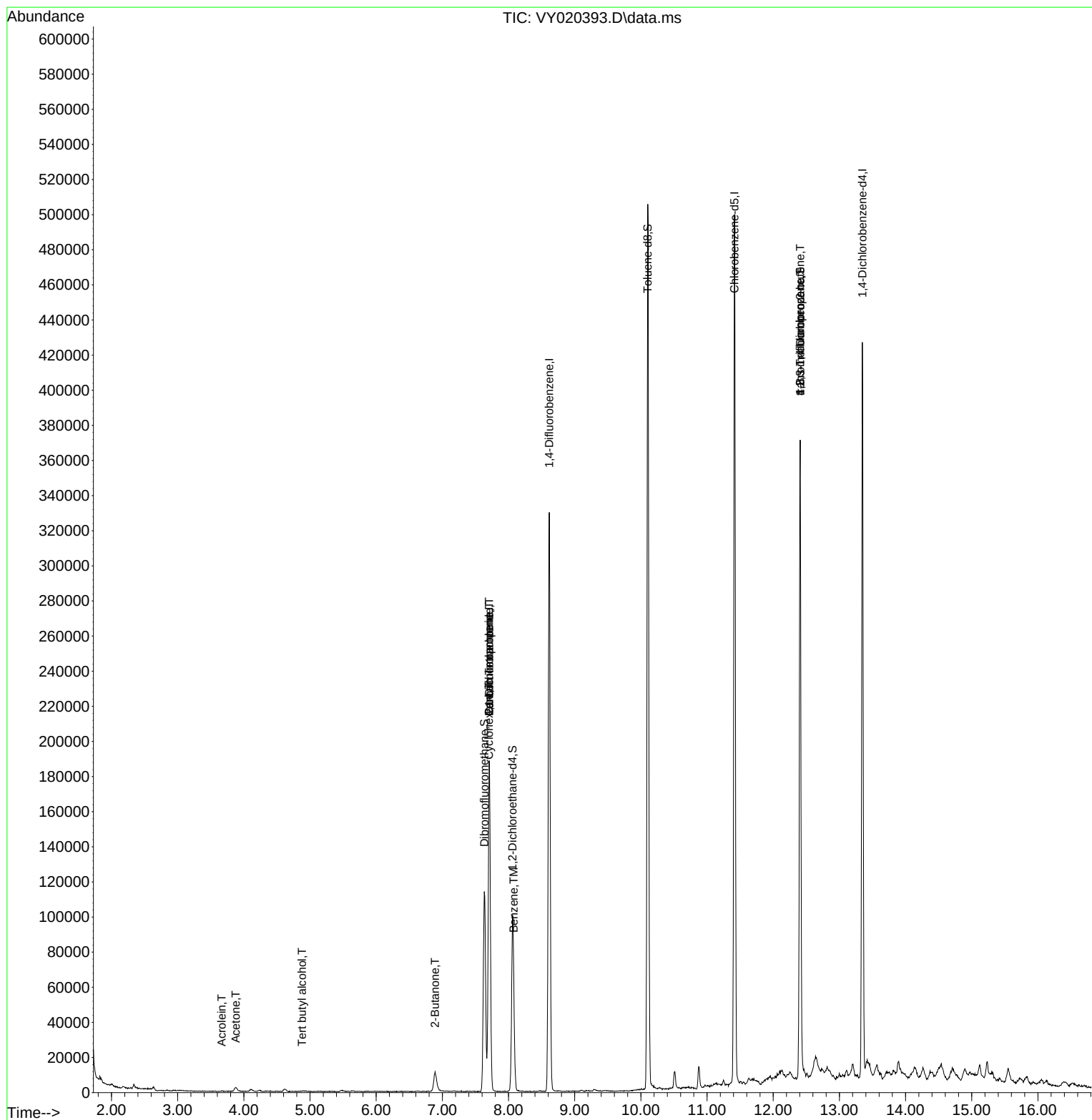
Internal Standards						
1) Pentafluorobenzene	7.707	168	138035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	268306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	249077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	101787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	77503	48.871	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.740%
35) Dibromofluoromethane	7.634	113	81289	47.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.500%
50) Toluene-d8	10.103	98	327855	48.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.408	95	111181	51.032	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	102.060%
Target Compounds						
					Qvalue	
3) Chloromethane	2.080	50	135	Below Cal	#	41
11) Tert butyl alcohol	4.879	59	233	1.241	ug/l #	73
13) Acrolein	3.665	56	225	2.291	ug/l #	64
16) Acetone	3.879	43	4595	12.086	ug/l	95
25) 2-Butanone	6.890	43	801	1.637	ug/l #	50
31) Cyclohexane	7.701	56	3268	1.105	ug/l #	24
36) 1,1-Dichloropropene	7.707	75	11915	4.534	ug/l #	51
38) Carbon Tetrachloride	7.707	117	15038	5.481	ug/l #	16
40) Benzene	8.079	78	16729	2.172	ug/l	99
76) 1,2,3-Trichloropropane	12.408	75	60349	62.905	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	60349	123.259	ug/l #	10

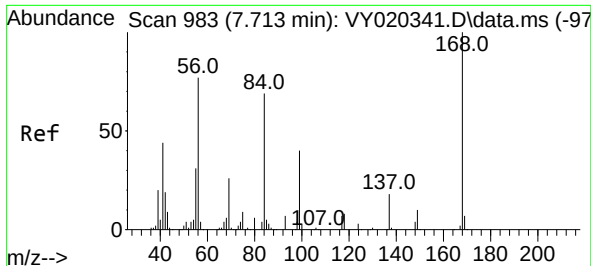
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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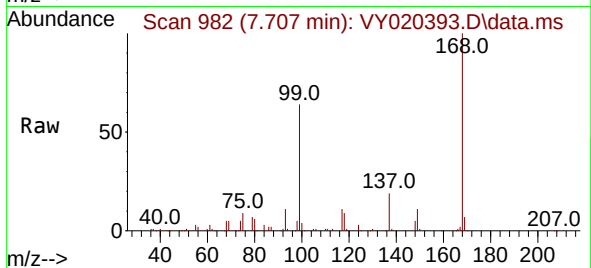
Quant Time: Nov 22 00:27:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration



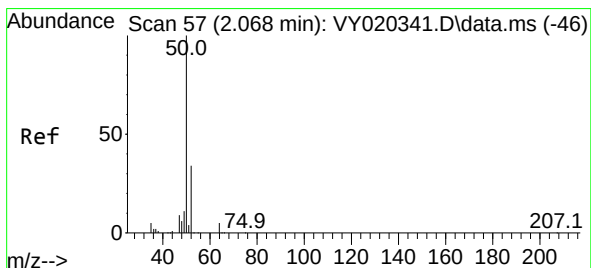
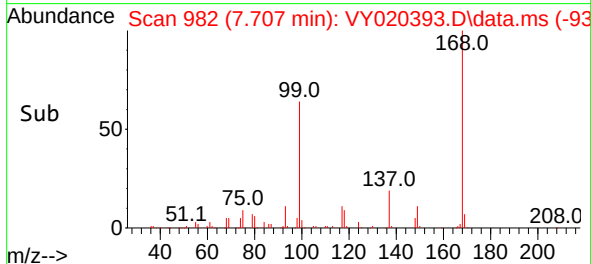
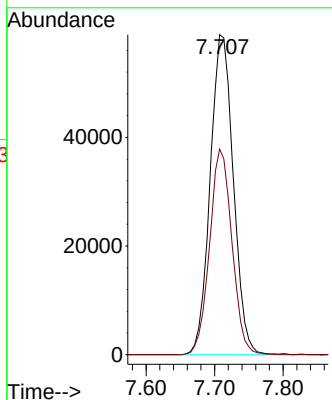


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

Instrument :
MSVOA_Y
ClientSampleId :

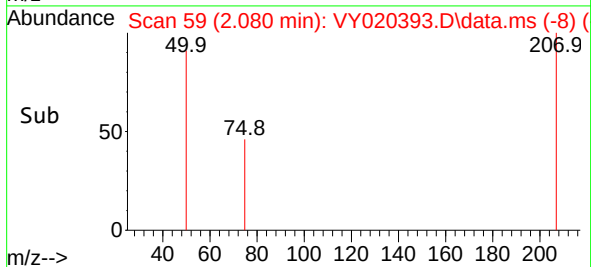
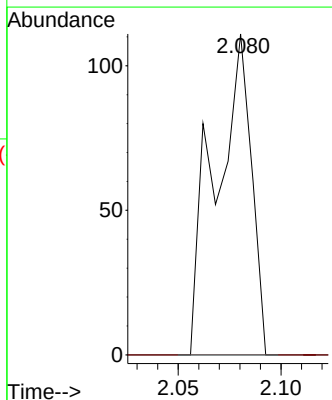
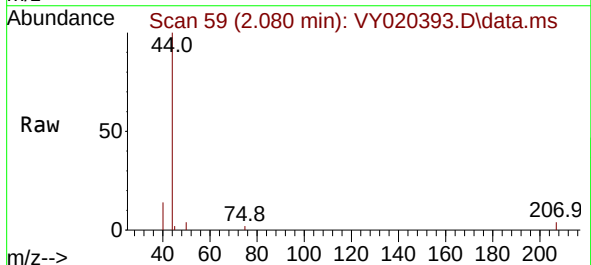


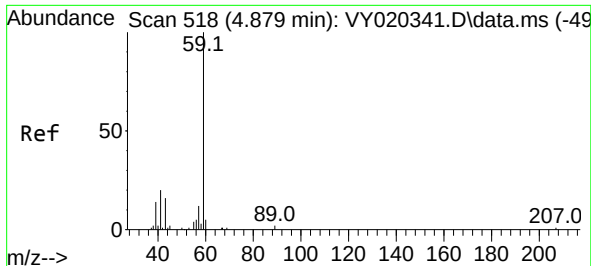
Tgt Ion:168 Resp: 138035
Ion Ratio Lower Upper
168 100
99 64.2 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

Tgt Ion: 50 Resp: 135
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

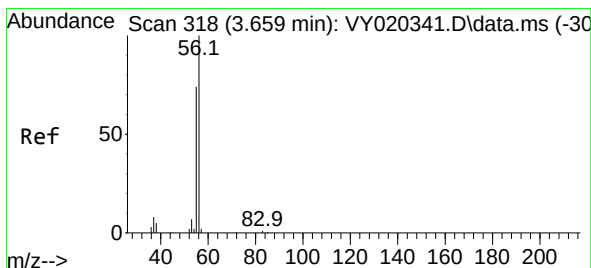
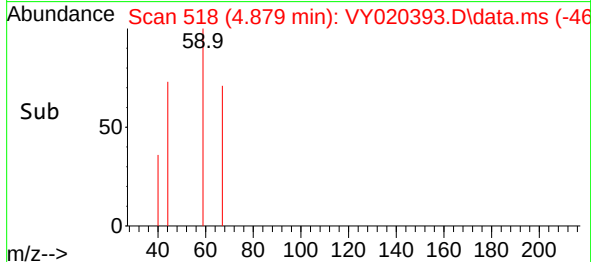
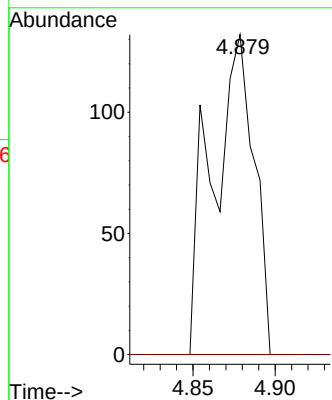
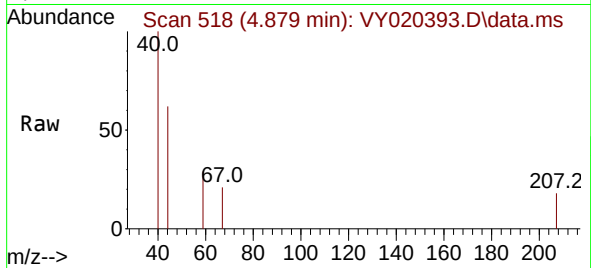




#11
Tert butyl alcohol
Concen: 1.241 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

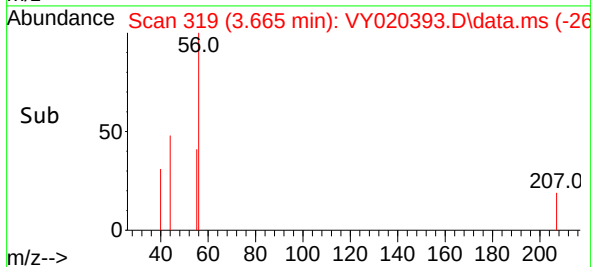
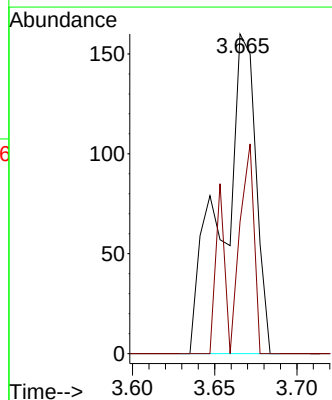
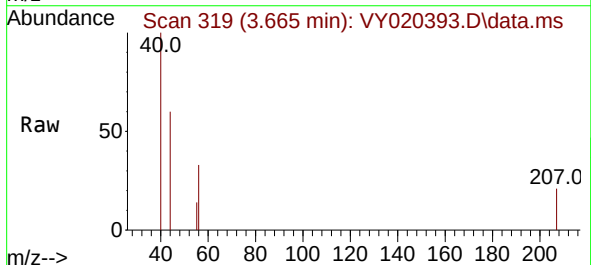
Instrument :
MSVOA_Y
ClientSampleId :

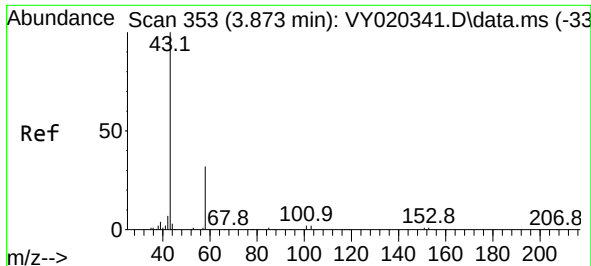
Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 2.291 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 41.8 57.7 86.5#

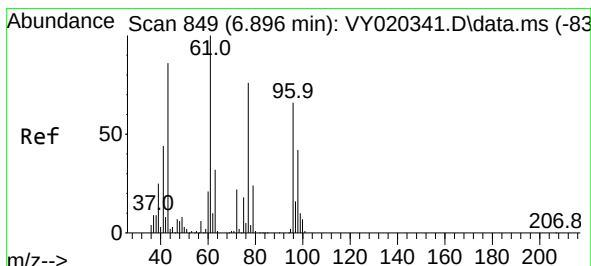
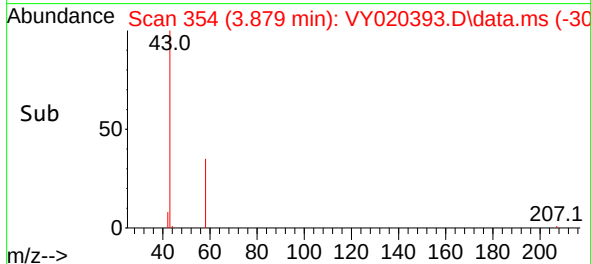
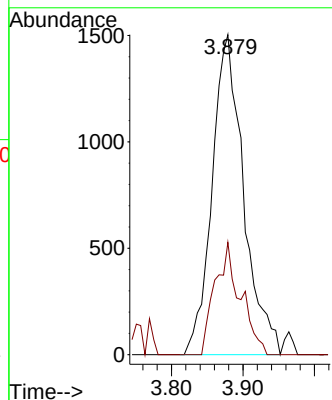
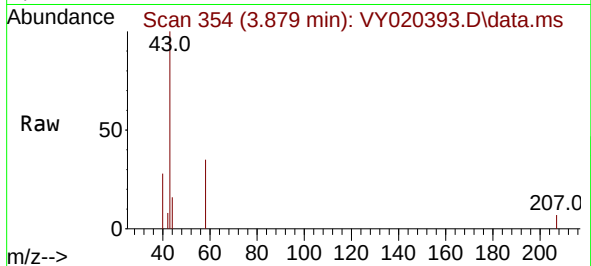




#16
Acetone
Concen: 12.086 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

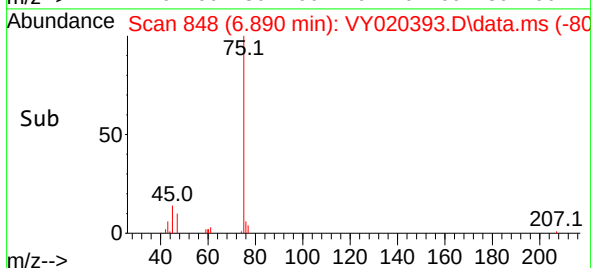
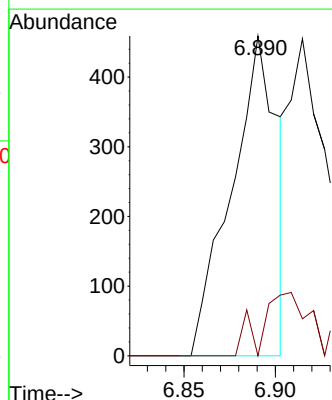
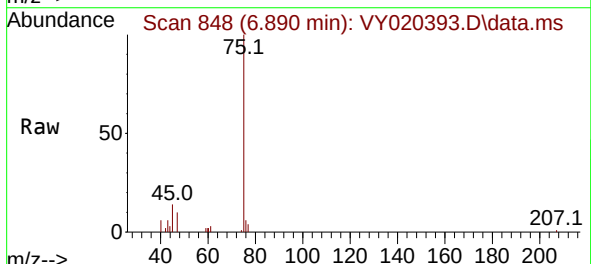
Instrument :
MSVOA_Y
ClientSampleId :

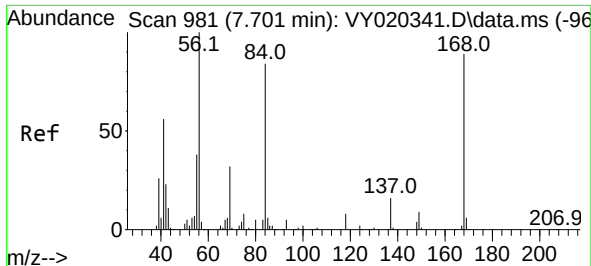
Tgt Ion: 43 Resp: 4595
Ion Ratio Lower Upper
43 100
58 35.1 25.7 38.5



#25
2-Butanone
Concen: 1.637 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

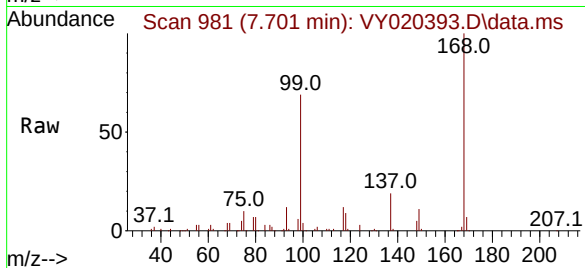
Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



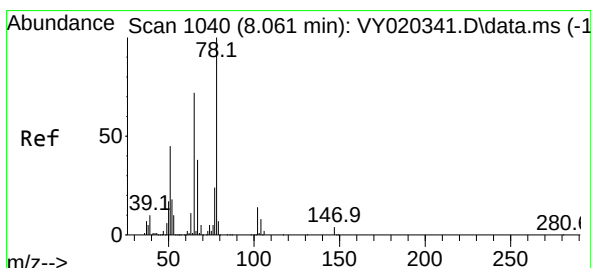
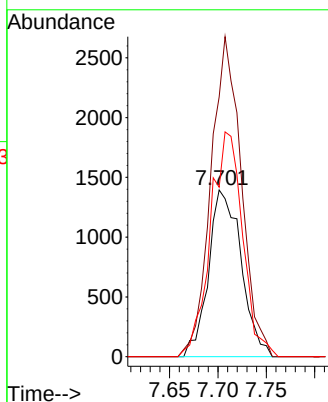
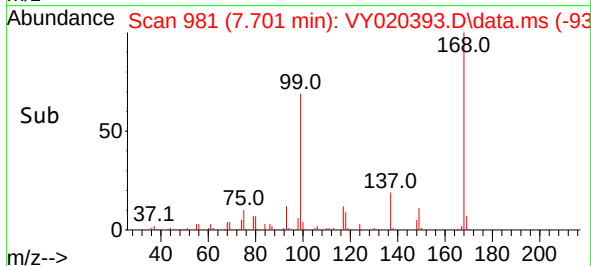


#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

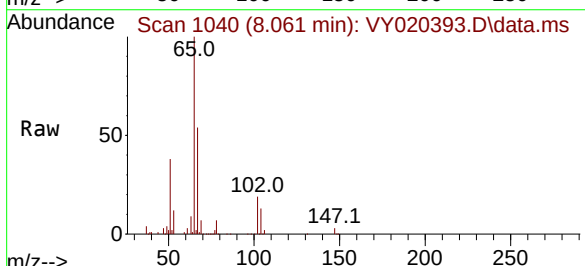
Instrument :
MSVOA_Y
ClientSampleId :



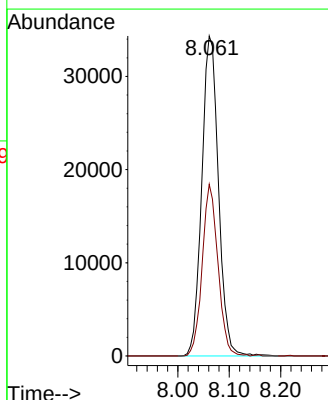
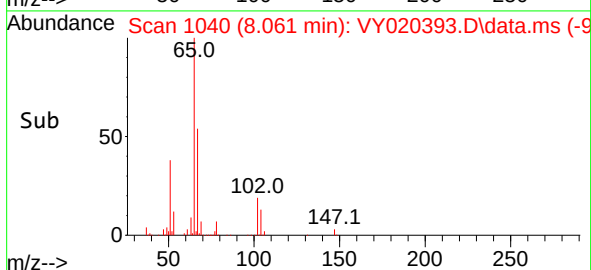
Tgt Ion: 56 Resp: 3268
Ion Ratio Lower Upper
56 100
69 155.7 25.3 37.9#
84 101.6 66.9 100.3#

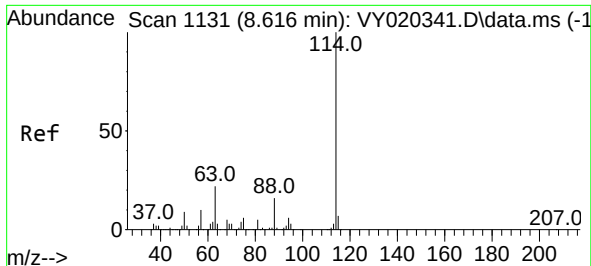


#33
1,2-Dichloroethane-d4
Concen: 48.871 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40



Tgt Ion: 65 Resp: 77503
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.8

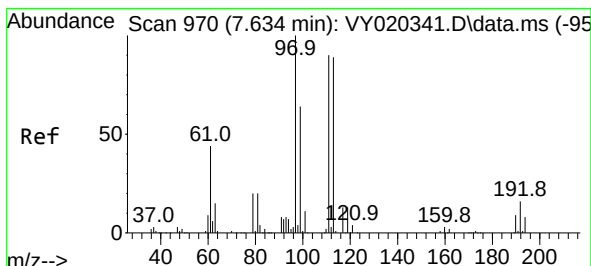
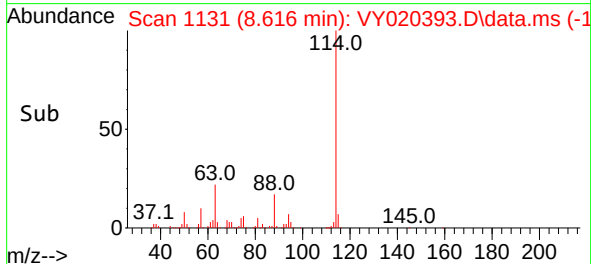
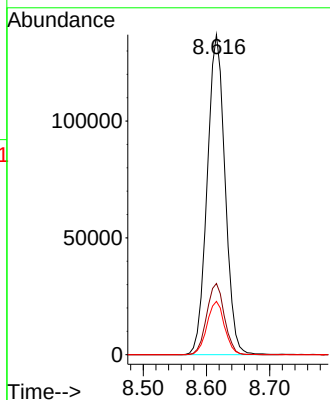
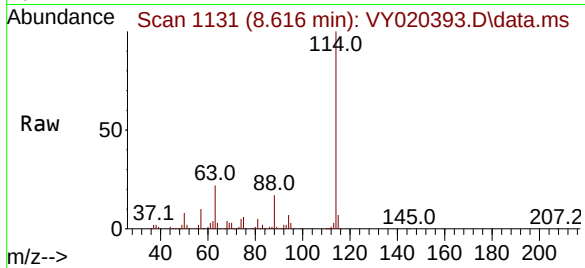




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

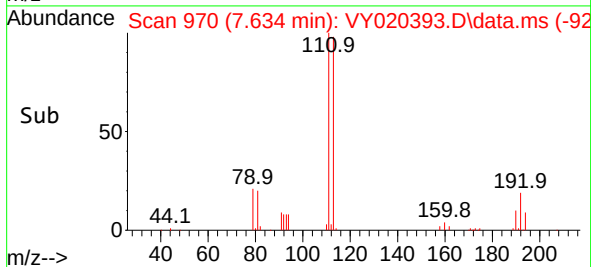
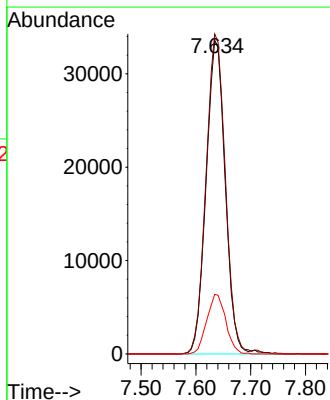
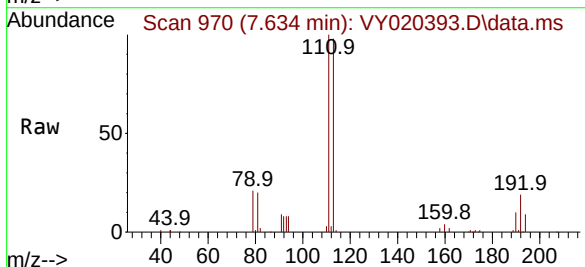
Instrument :
MSVOA_Y
ClientSampleId :

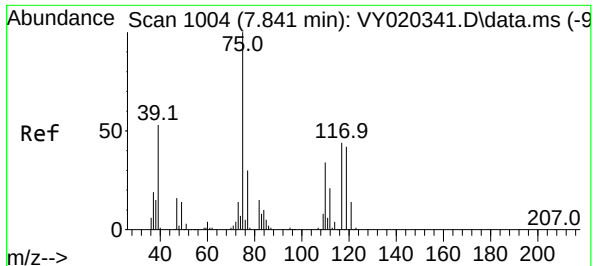
Tgt Ion:114 Resp: 268306
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.8
88 16.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 47.249 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

Tgt Ion:113 Resp: 81289
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.9 15.1 22.7

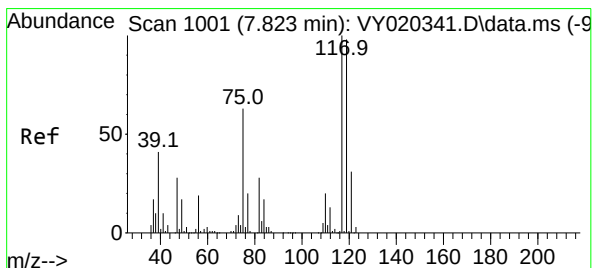
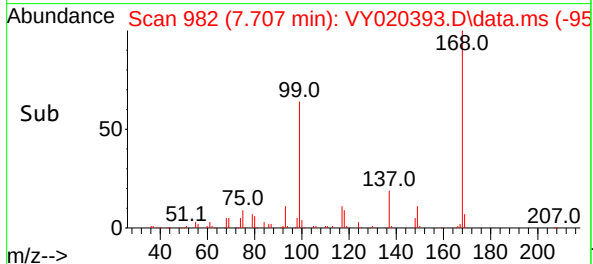
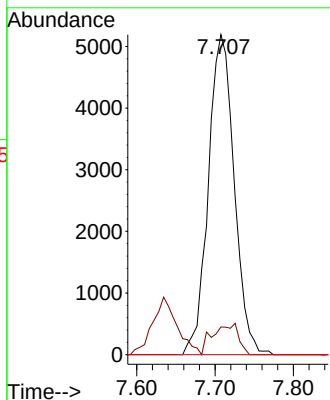
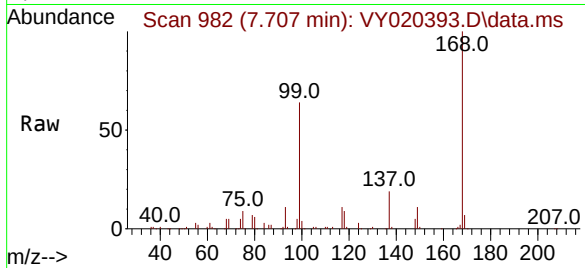




#36
1,1-Dichloropropene
Concen: 4.534 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

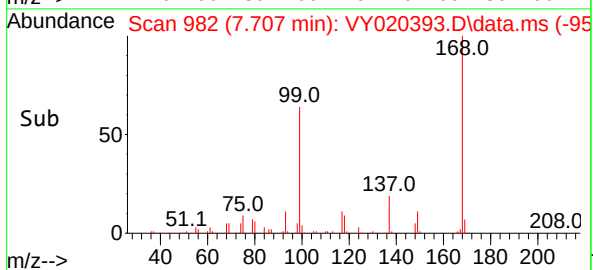
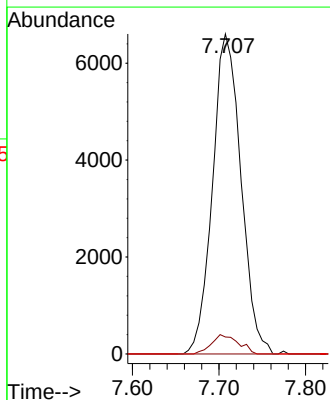
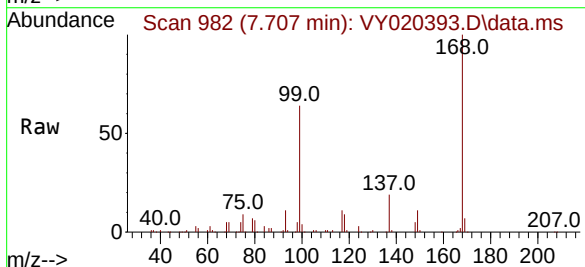
Instrument :
MSVOA_Y
ClientSampleId :

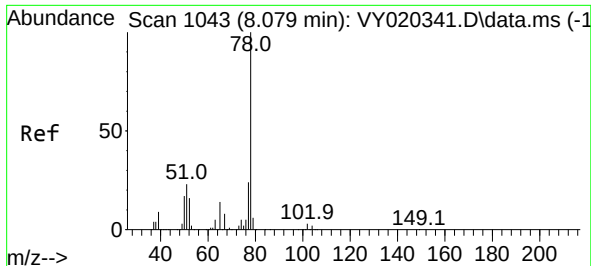
Tgt Ion: 75 Resp: 11915
Ion Ratio Lower Upper
75 100
110 9.6 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

Tgt Ion: 117 Resp: 15038
Ion Ratio Lower Upper
117 100
119 5.3 77.8 116.6#
121 0.0 24.6 37.0#

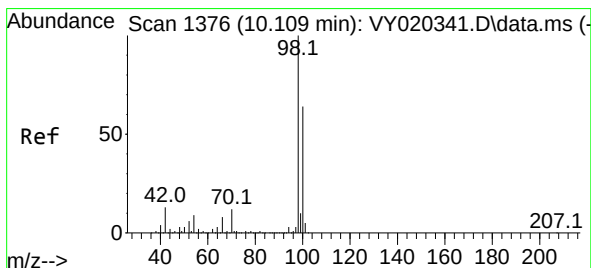
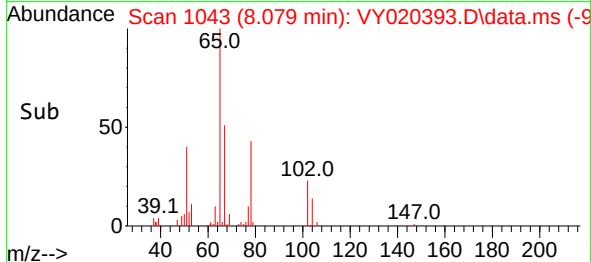
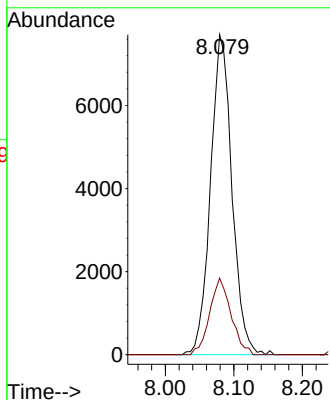
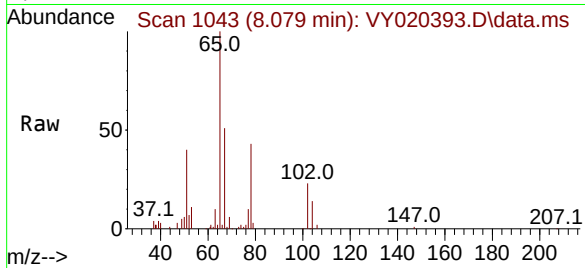




#40
Benzene
Concen: 2.172 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

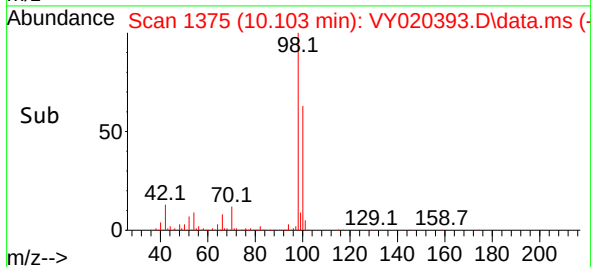
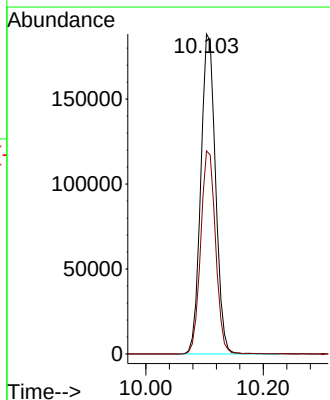
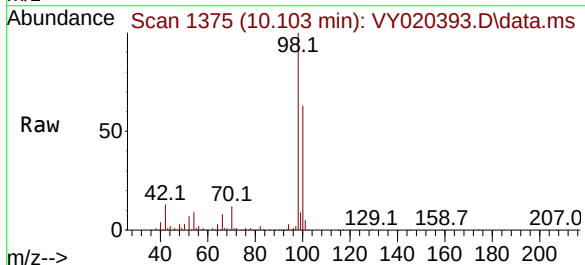
Instrument :
MSVOA_Y
ClientSampleId :

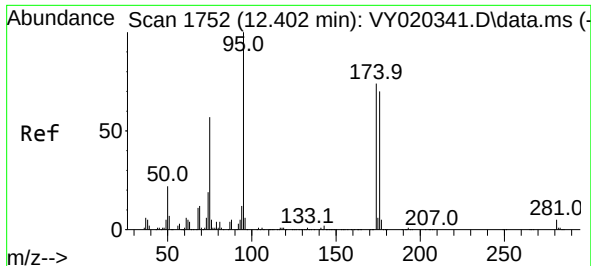
Tgt Ion: 78 Resp: 16729
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0



#50
Toluene-d8
Concen: 48.376 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

Tgt Ion: 98 Resp: 327855
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9

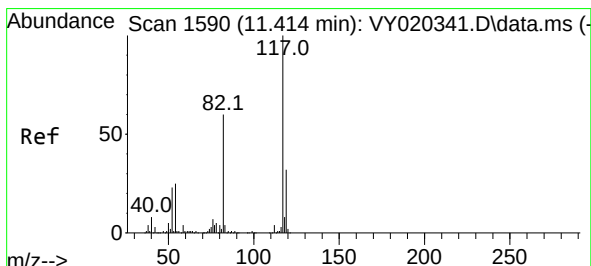
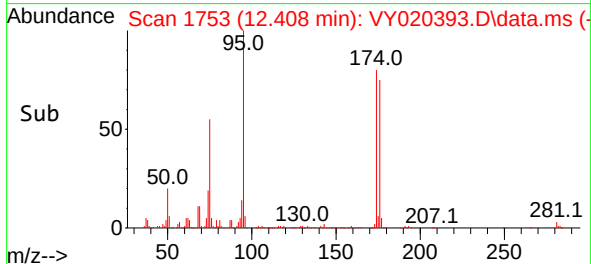
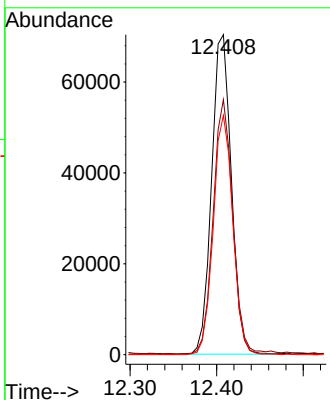
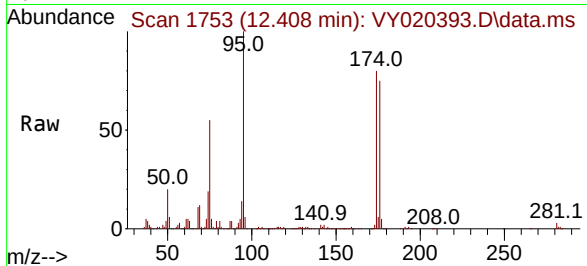




#62
4-Bromofluorobenzene
Concen: 51.032 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

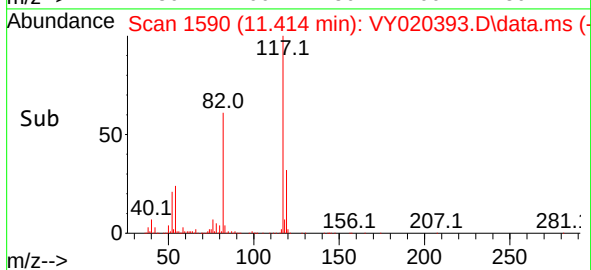
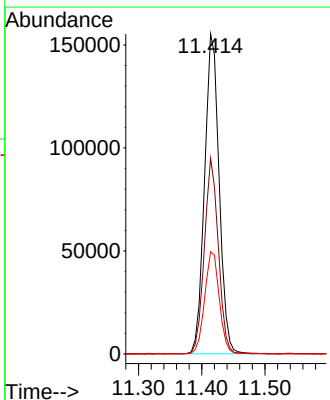
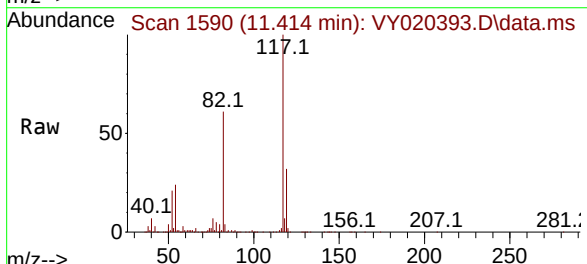
Instrument :
MSVOA_Y
ClientSampleId :

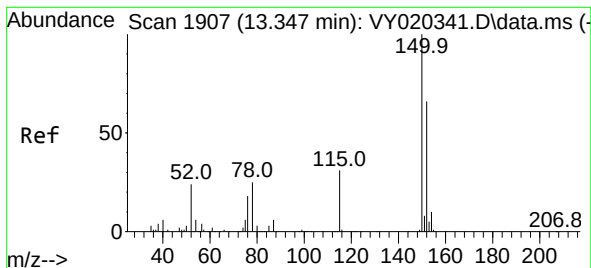
Tgt Ion: 95 Resp: 111181
Ion Ratio Lower Upper
95 100
174 79.3 0.0 156.8
176 74.3 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

Tgt Ion: 117 Resp: 249077
Ion Ratio Lower Upper
117 100
82 61.2 48.2 72.4
119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020393.D

Acq: 21 Nov 2024 17:40

Instrument :

MSVOA_Y

ClientSampleId :

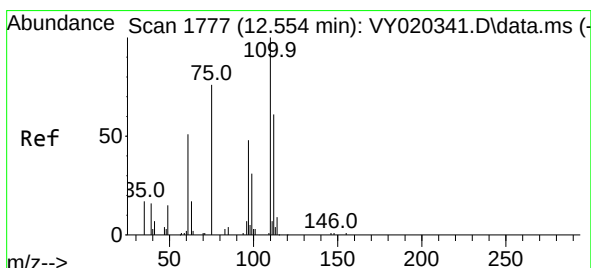
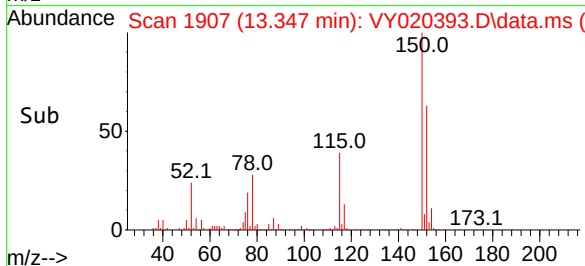
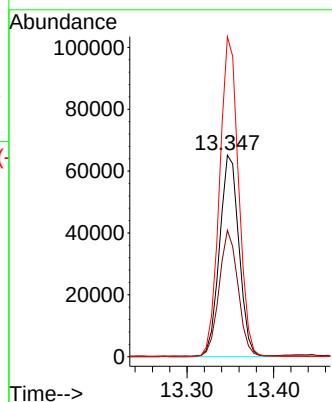
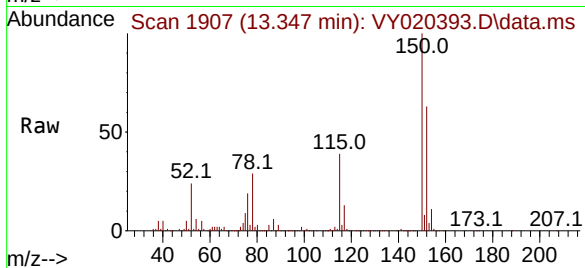
Tgt Ion:152 Resp: 101787

Ion Ratio Lower Upper

152 100

115 60.3 30.0 90.0

150 154.8 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 62.905 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020393.D

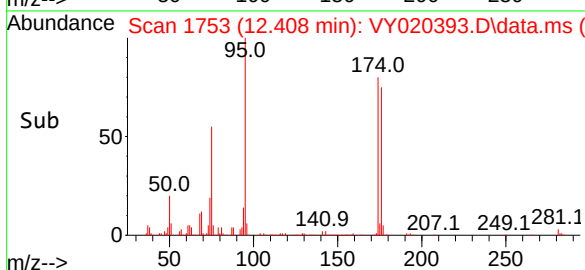
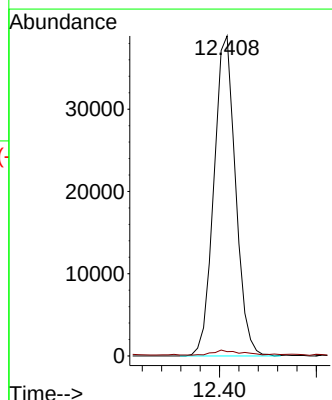
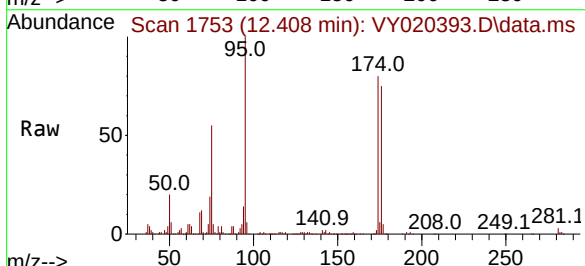
Acq: 21 Nov 2024 17:40

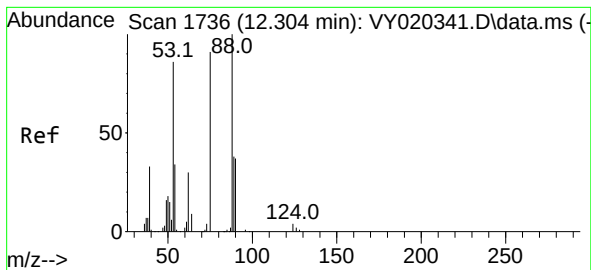
Tgt Ion: 75 Resp: 60349

Ion Ratio Lower Upper

75 100

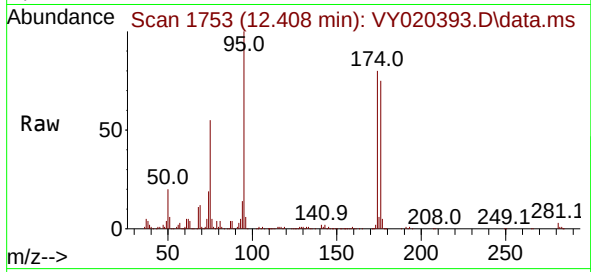
77 2.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.259 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020393.D
Acq: 21 Nov 2024 17:40

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	81.1	121.7#
89	0.5	35.1	52.7#

