

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020390.D
 Acq On : 21 Nov 2024 16:30
 Operator : SY/MD
 Sample : P4860-09
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:26:36 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	140871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	273565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	262252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92933	57.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.840%
35) Dibromofluoromethane	7.634	113	88559	50.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.103	98	333481	48.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.408	95	116929	52.638	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	105.280%

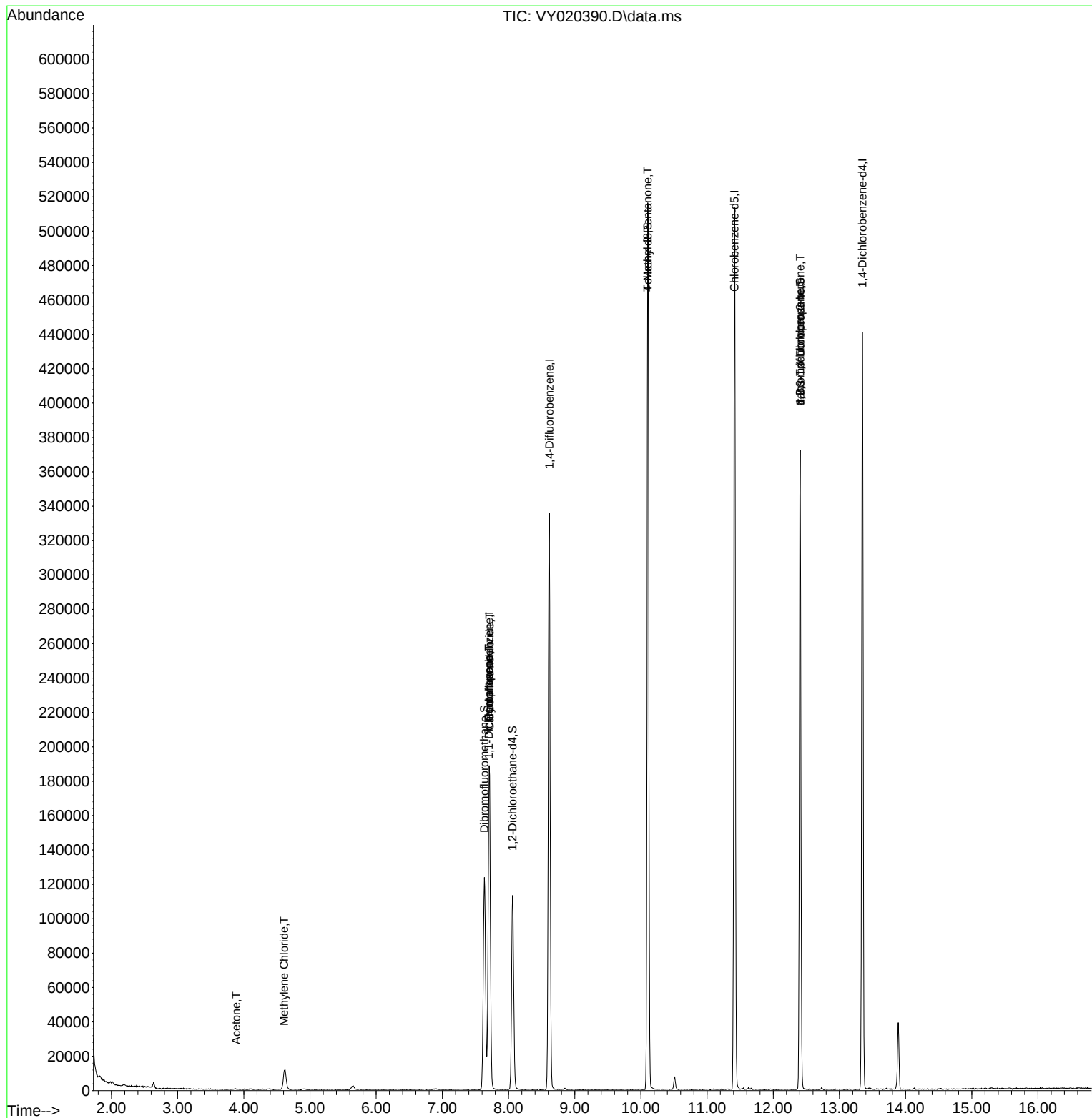
Target Compounds					Qvalue	
3) Chloromethane	2.068	50	49	Below Cal	#	41
11) Tert butyl alcohol	4.866	59	24	Below Cal	#	73
16) Acetone	3.885	43	604	1.557	ug/l #	77
20) Methylene Chloride	4.610	84	8170	4.972	ug/l	96
31) Cyclohexane	7.707	56	3227	1.070	ug/l #	15
36) 1,1-Dichloropropene	7.701	75	11813	4.409	ug/l #	52
38) Carbon Tetrachloride	7.713	117	15137	5.411	ug/l #	15
51) 4-Methyl-2-Pentanone	10.103	43	1601	1.322	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	64154	63.932	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	64154	125.272	ug/l #	9

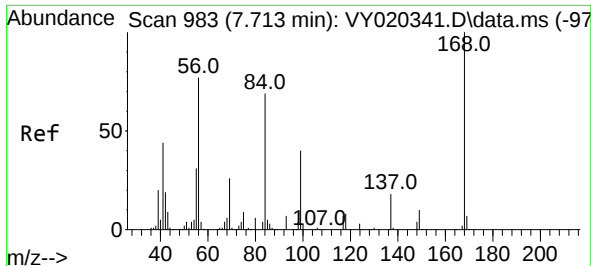
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
Data File : VY020390.D
Acq On : 21 Nov 2024 16:30
Operator : SY/MD
Sample : P4860-09
Misc : 6.28g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 22 00:26:36 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

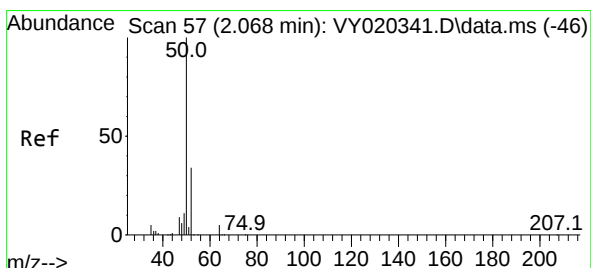
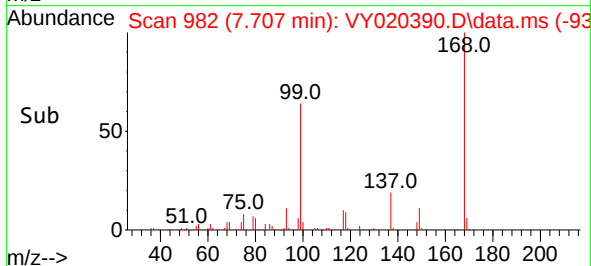
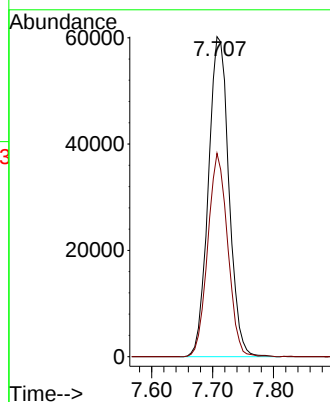
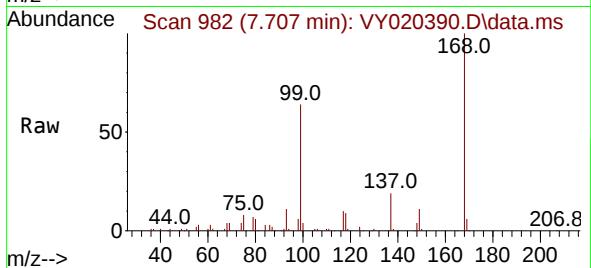




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

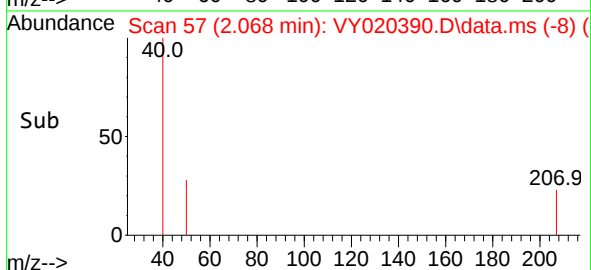
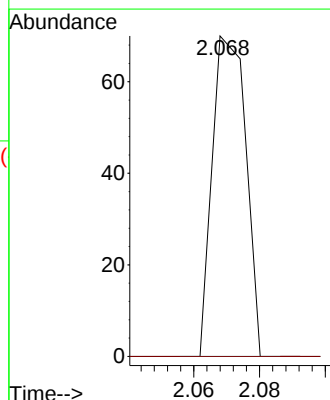
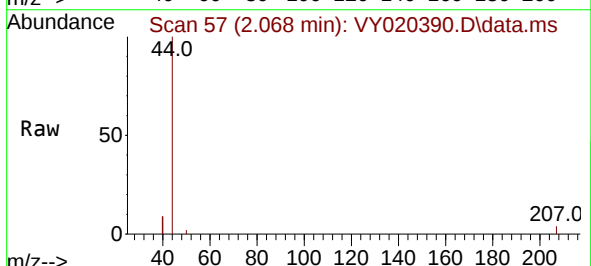
Instrument :
MSVOA_Y
ClientSampleId :

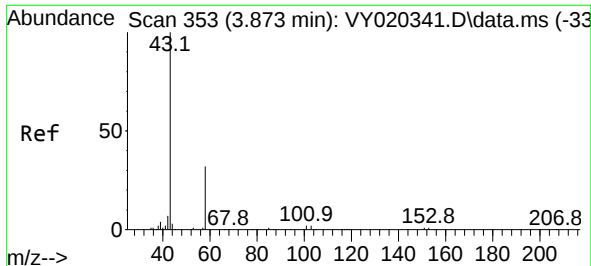
Tgt Ion:168 Resp: 140871
Ion Ratio Lower Upper
168 100
99 63.5 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

Tgt Ion: 50 Resp: 49
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#16

Acetone

Concen: 1.557 ug/l

RT: 3.885 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY020390.D

Acq: 21 Nov 2024 16:30

Instrument :

MSVOA_Y

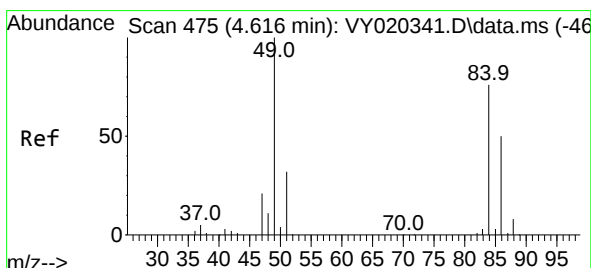
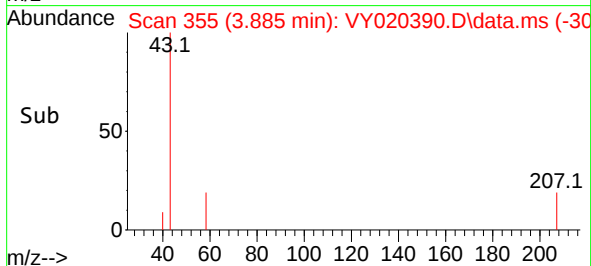
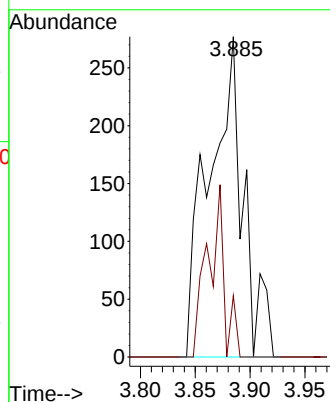
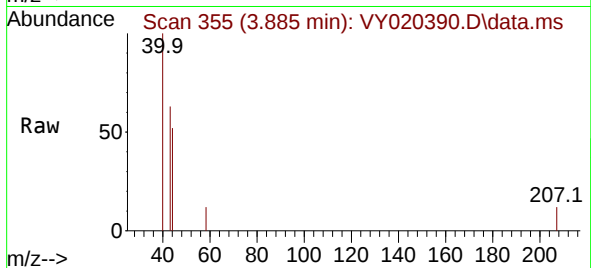
ClientSampleId :

Tgt Ion: 43 Resp: 604

Ion Ratio Lower Upper

43 100

58 19.1 25.7 38.5#



#20

Methylene Chloride

Concen: 4.972 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY020390.D

Acq: 21 Nov 2024 16:30

Tgt Ion: 84 Resp: 8170

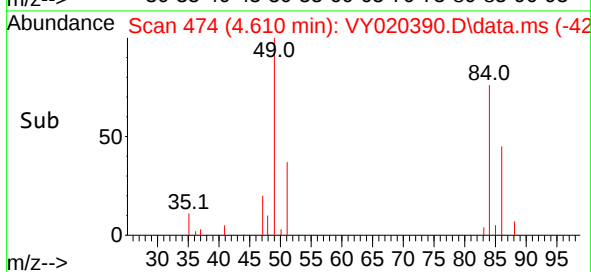
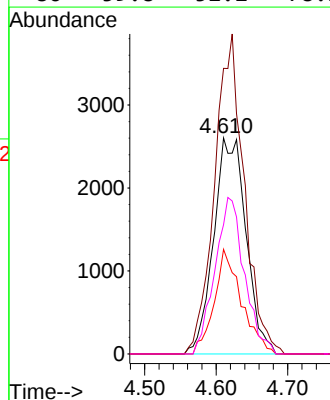
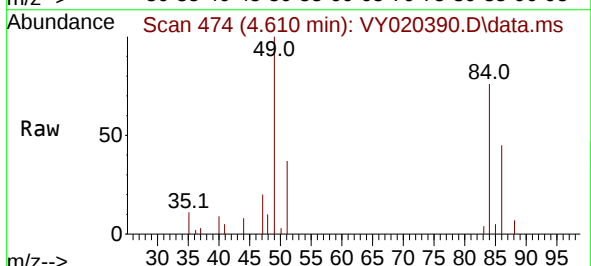
Ion Ratio Lower Upper

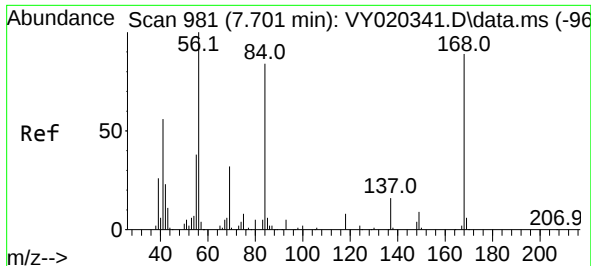
84 100

49 132.2 104.7 157.1

51 48.4 33.4 50.0

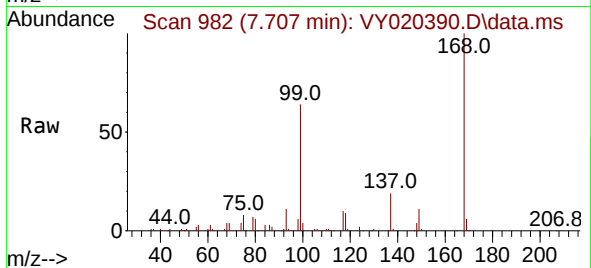
86 59.8 52.2 78.2



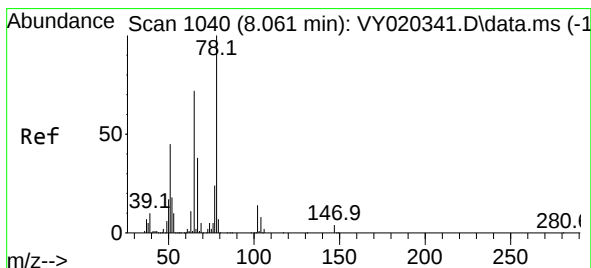
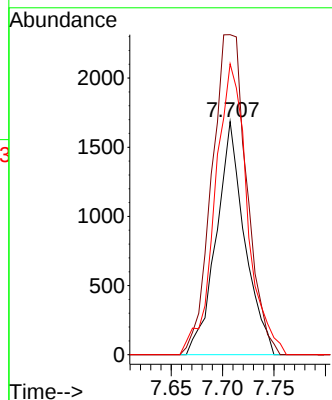
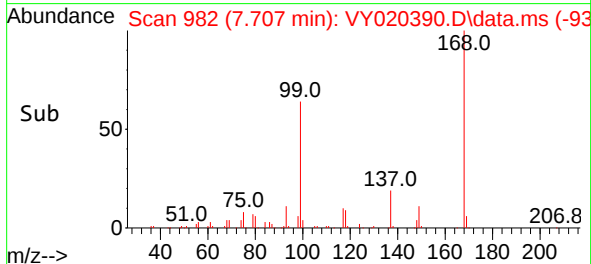


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

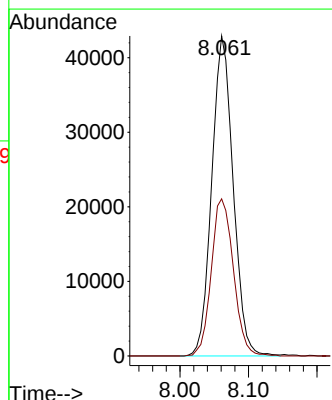
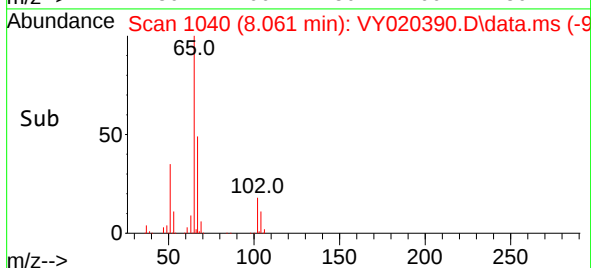
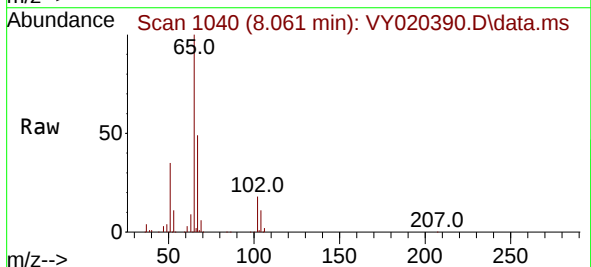


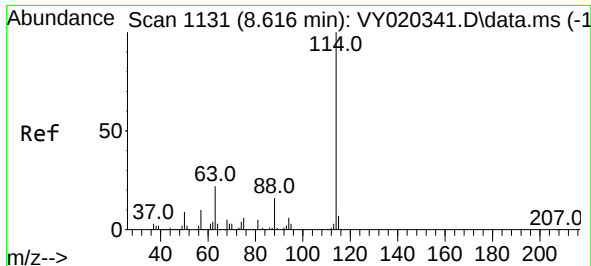
Tgt Ion: 56 Resp: 3227
Ion Ratio Lower Upper
56 100
69 137.2 25.3 37.9#
84 124.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 57.421 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

Tgt Ion: 65 Resp: 92933
Ion Ratio Lower Upper
65 100
67 50.9 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: VY020390.D

Acq: 21 Nov 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

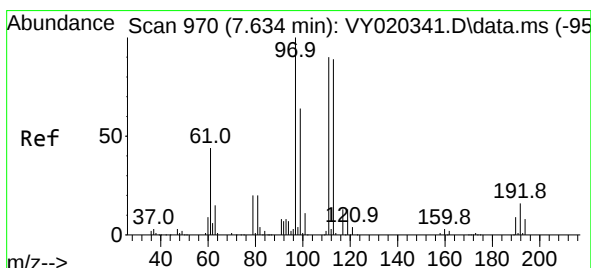
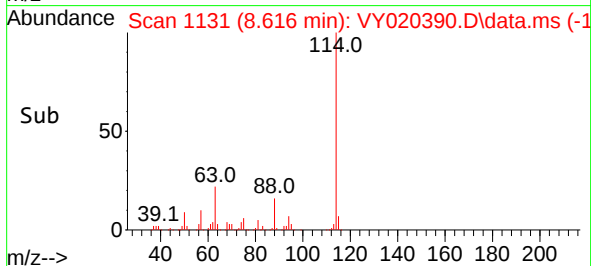
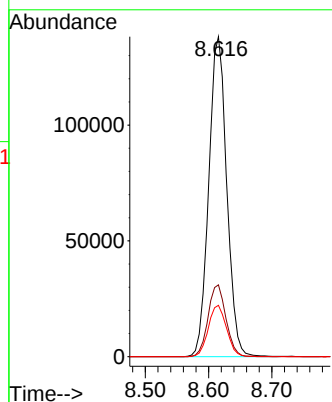
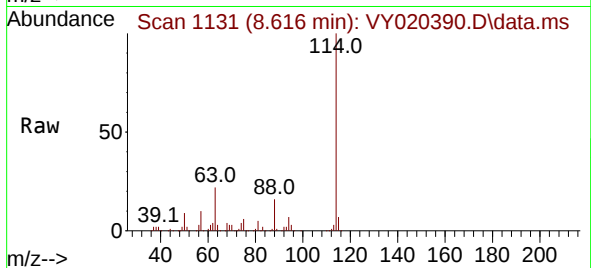
Tgt Ion:114 Resp: 273565

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.8

88 16.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.485 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY020390.D

Acq: 21 Nov 2024 16:30

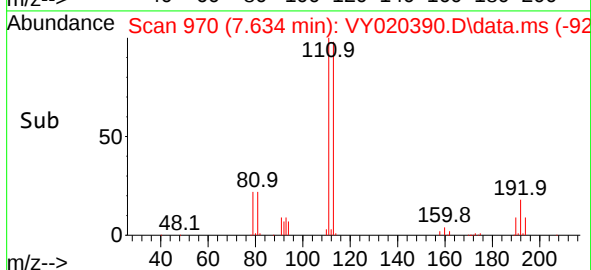
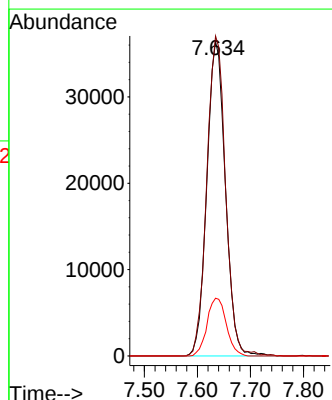
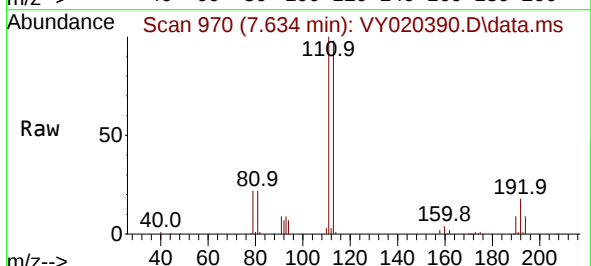
Tgt Ion:113 Resp: 88559

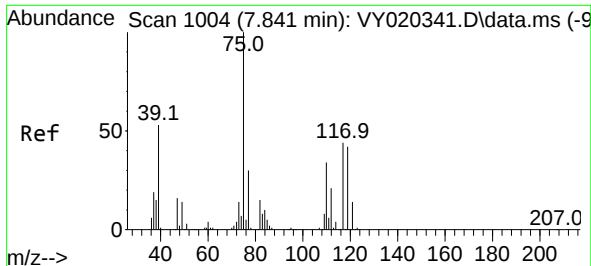
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

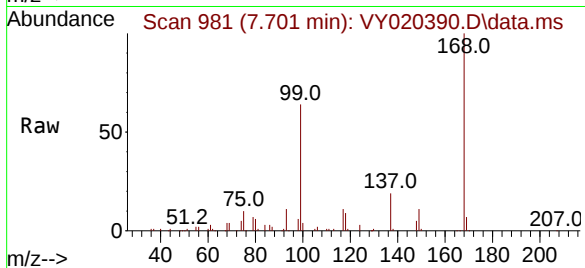
192 19.1 15.1 22.7



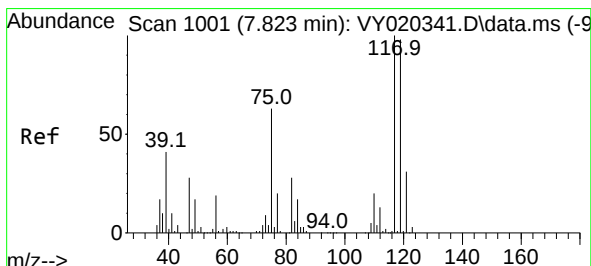
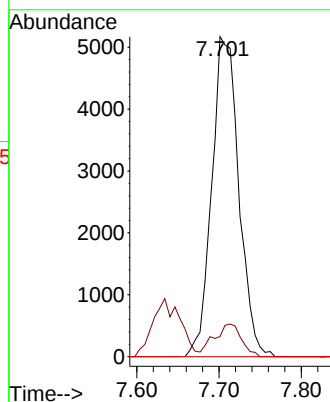
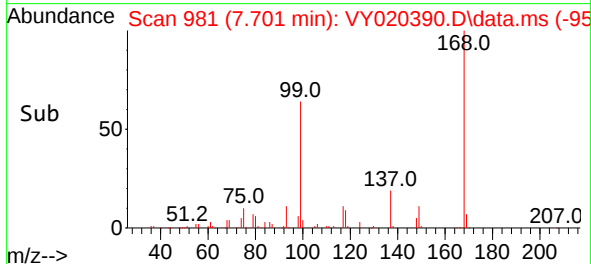


#36
1,1-Dichloropropene
Concen: 4.409 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

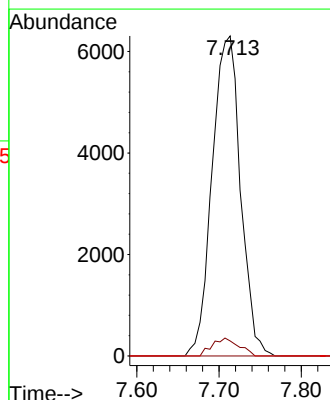
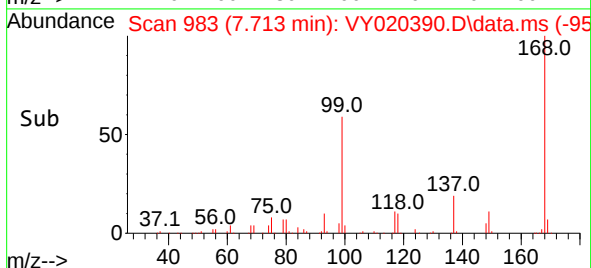
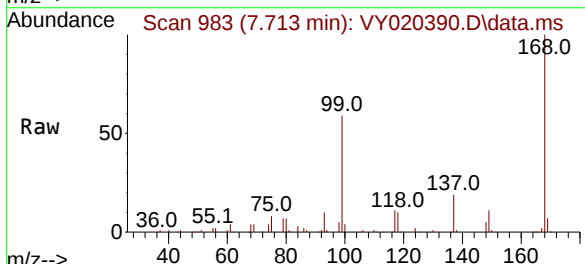


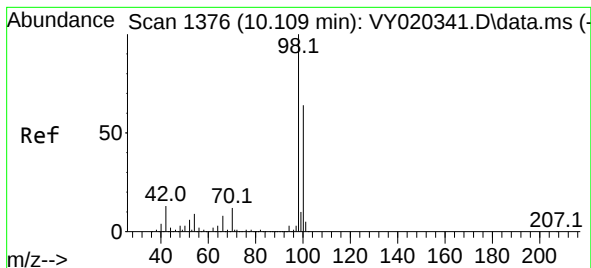
Tgt Ion: 75 Resp: 11813
Ion Ratio Lower Upper
75 100
110 10.3 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.411 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

Tgt Ion: 117 Resp: 15137
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.6#
121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 48.260 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020390.D

Acq: 21 Nov 2024 16:30

Instrument :

MSVOA_Y

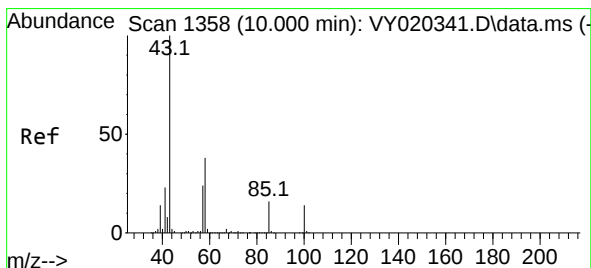
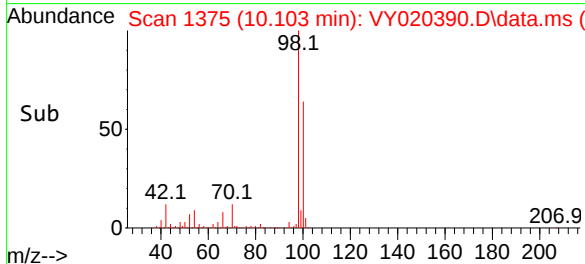
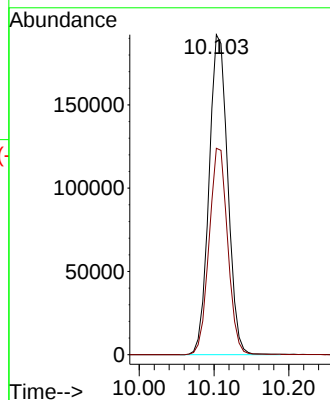
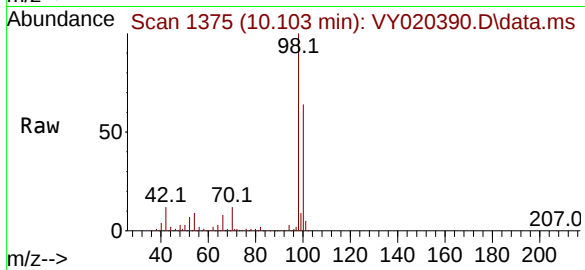
ClientSampleId :

Tgt Ion: 98 Resp: 333481

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 1.322 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.104 min

Lab File: VY020390.D

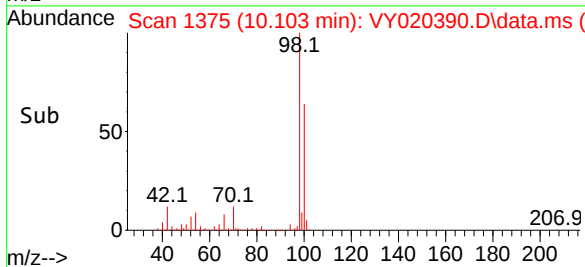
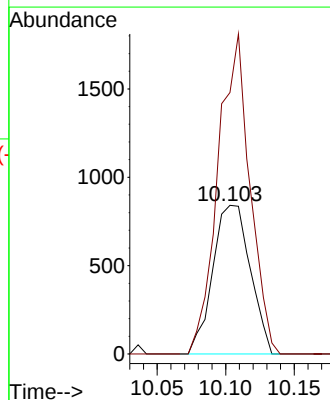
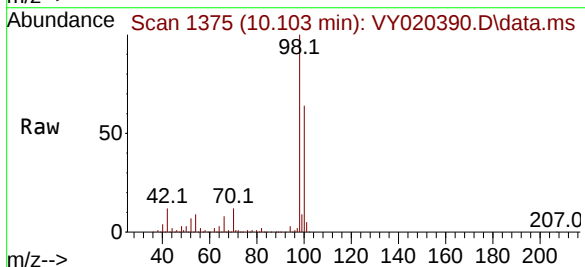
Acq: 21 Nov 2024 16:30

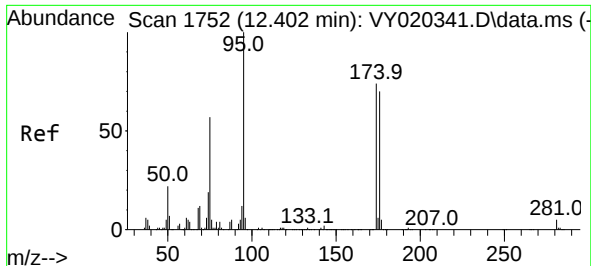
Tgt Ion: 43 Resp: 1601

Ion Ratio Lower Upper

43 100

58 183.5 30.9 46.3#

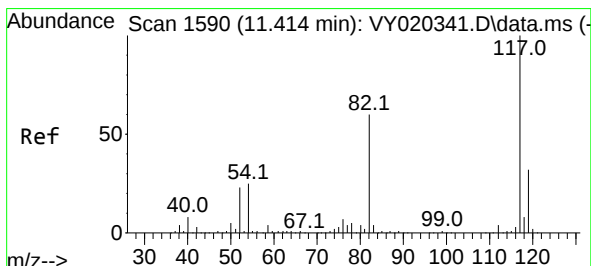
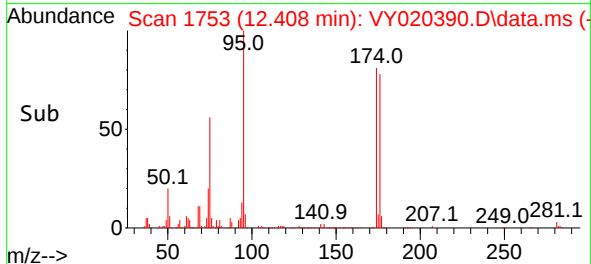
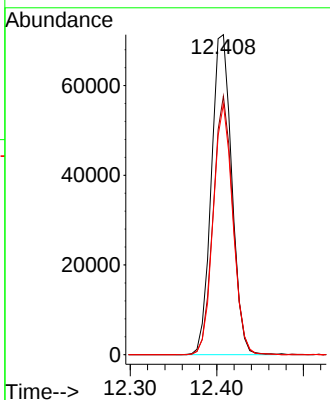
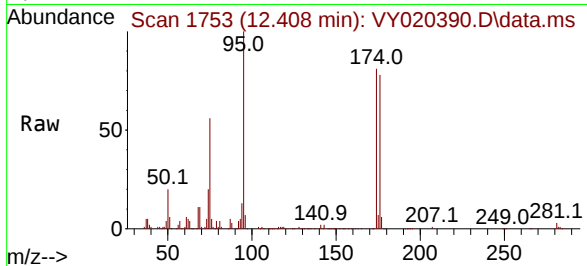




#62
4-Bromofluorobenzene
Concen: 52.638 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

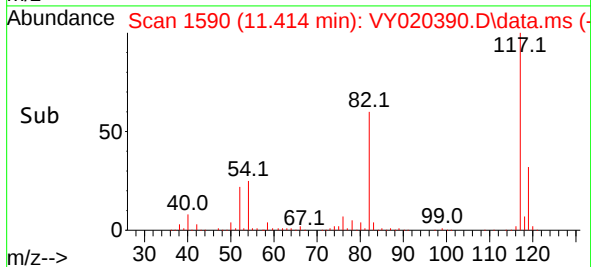
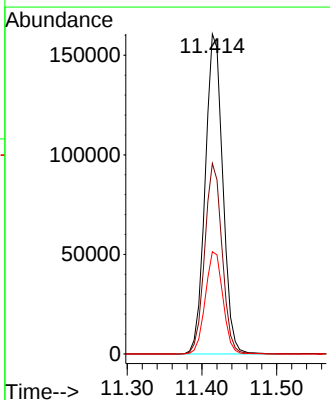
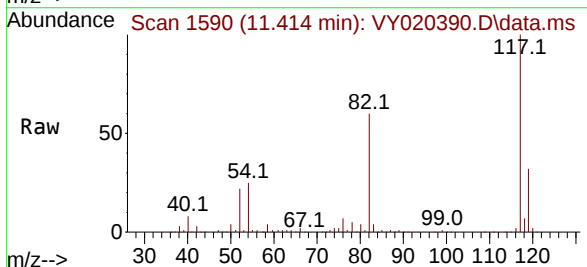
Instrument :
MSVOA_Y
ClientSampleId :

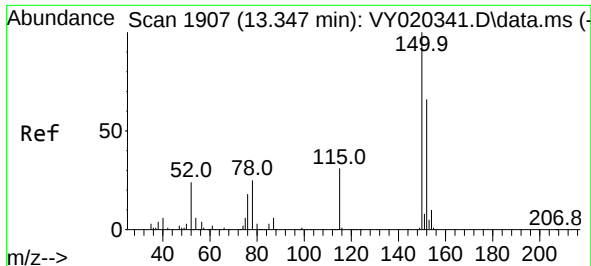
Tgt Ion: 95 Resp: 116929
Ion Ratio Lower Upper
95 100
174 77.8 0.0 156.8
176 75.2 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

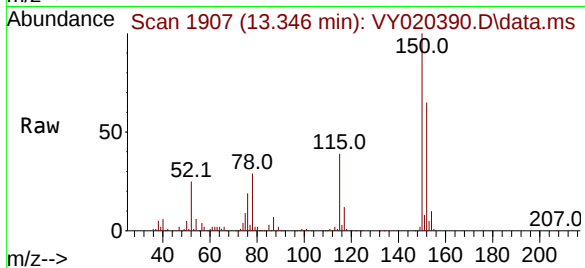
Tgt Ion: 117 Resp: 262252
Ion Ratio Lower Upper
117 100
82 59.6 48.2 72.4
119 31.9 25.8 38.8



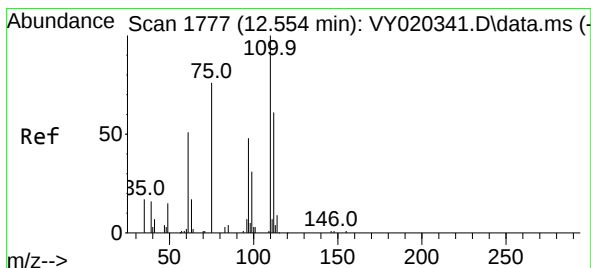
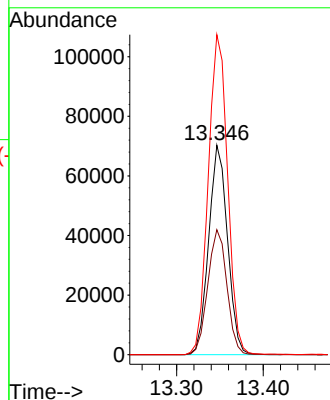
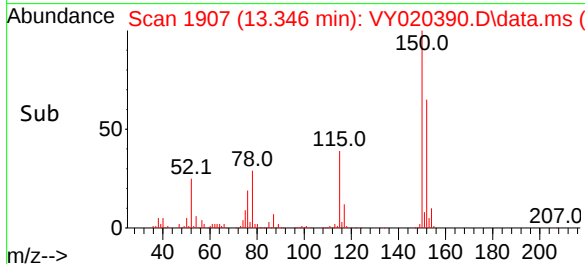


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

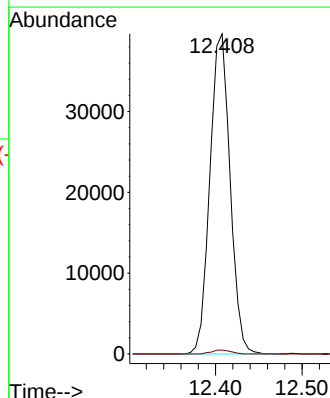
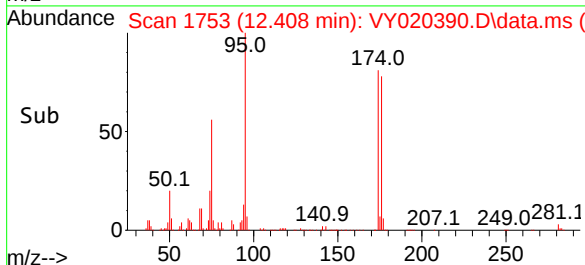
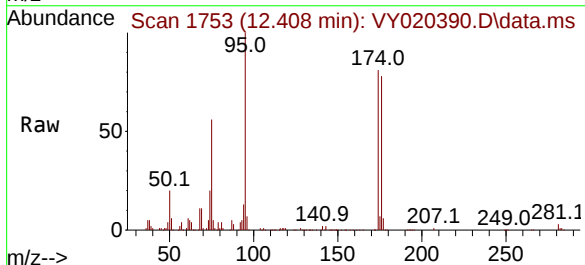


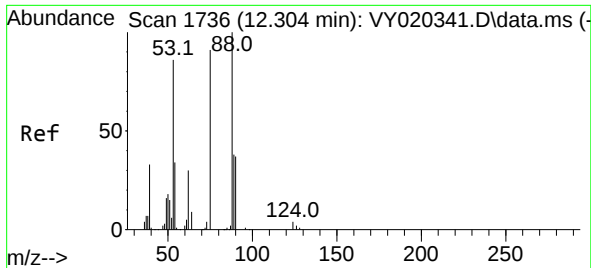
Tgt Ion:152 Resp: 106466
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 156.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 63.932 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

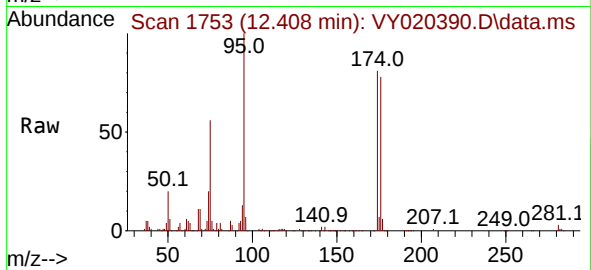
Tgt Ion: 75 Resp: 64154
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 125.272 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020390.D
Acq: 21 Nov 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	64154
Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.1	121.7#
89	0.0	35.1	52.7#

