

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020352.D
 Acq On : 20 Nov 2024 12:20
 Operator : SY/MD
 Sample : P4910-03
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:45:46 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	110405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	215388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	201860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	80899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78000	61.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.980%
35) Dibromofluoromethane	7.634	113	69352	50.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.420%
50) Toluene-d8	10.109	98	261670	48.096	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.402	95	91017	52.041	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.080%

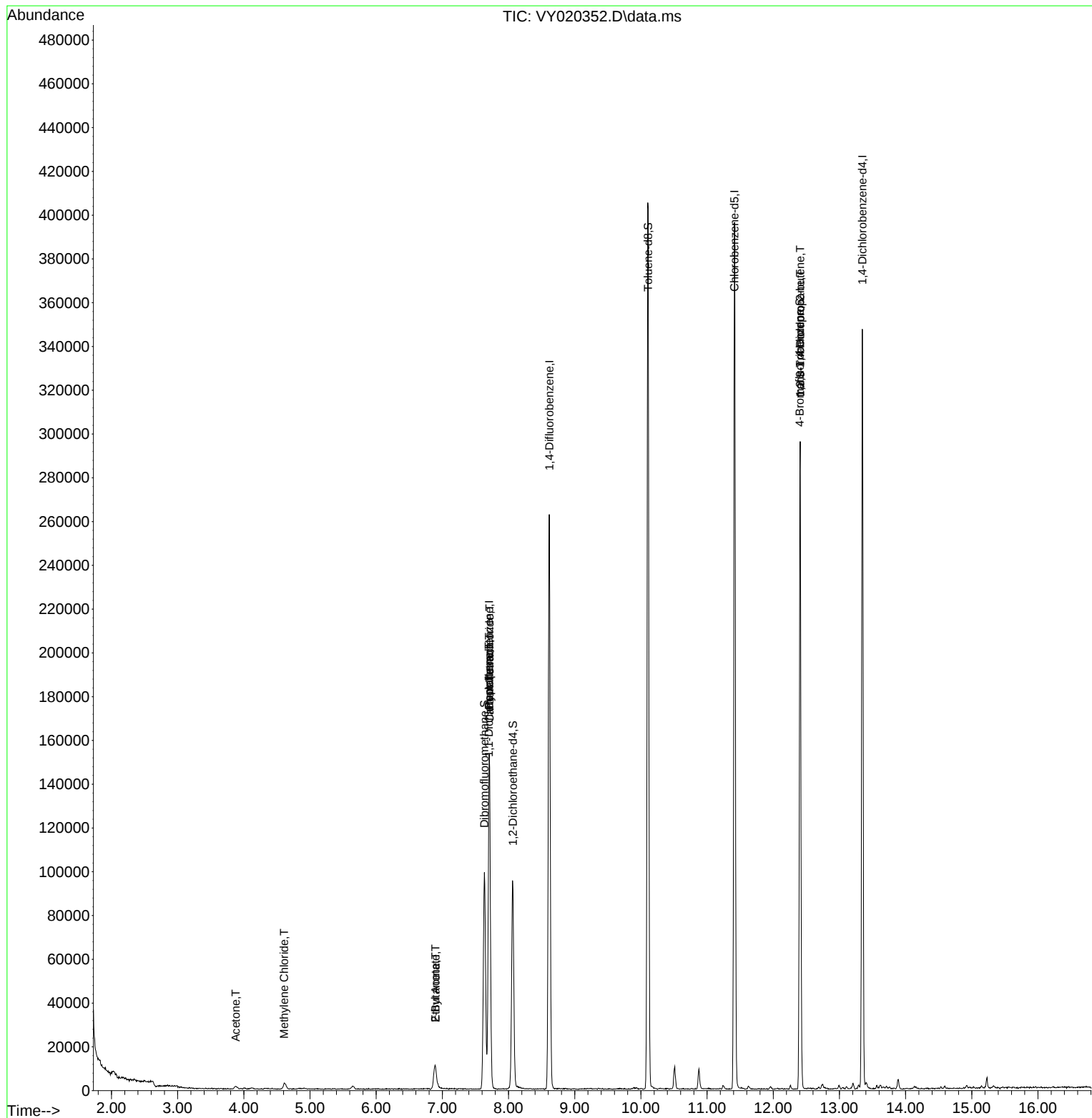
Target Compounds					Qvalue	
3) Chloromethane	2.068	50	202	Below Cal	#	41
16) Acetone	3.879	43	2683	8.823	ug/l	89
20) Methylene Chloride	4.610	84	1767	1.372	ug/l	# 89
25) 2-Butanone	6.896	43	1063	2.715	ug/l	# 81
31) Cyclohexane	7.707	56	2753	1.164	ug/l	# 13
36) 1,1-Dichloropropene	7.701	75	9729	4.612	ug/l	# 51
37) Ethyl Acetate	6.896	43	1063	1.100	ug/l	# 22
38) Carbon Tetrachloride	7.713	117	12392	5.626	ug/l	# 15
76) 1,2,3-Trichloropropane	12.408	75	50365	66.053	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	50365	129.427	ug/l	# 9

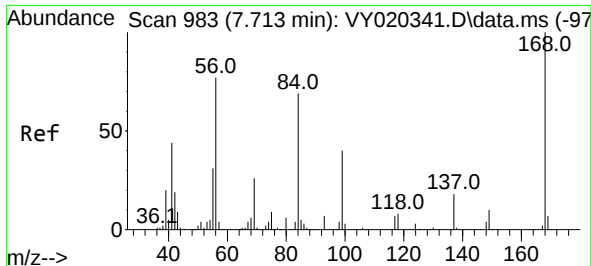
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
Data File : VY020352.D
Acq On : 20 Nov 2024 12:20
Operator : SY/MD
Sample : P4910-03
Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 21 00:45:46 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

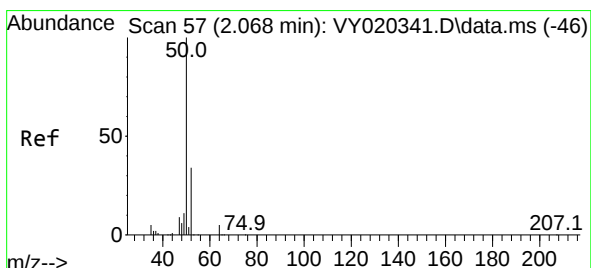
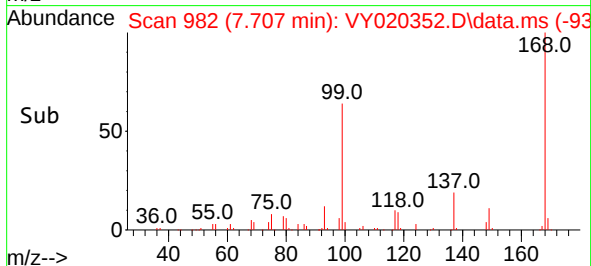
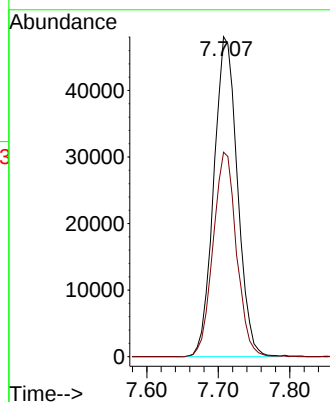
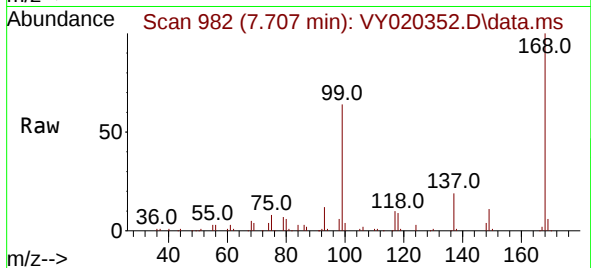




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

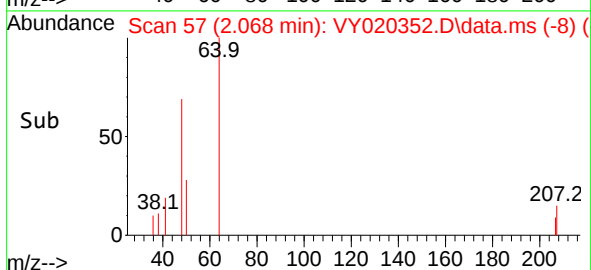
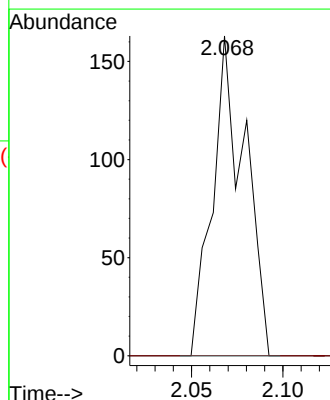
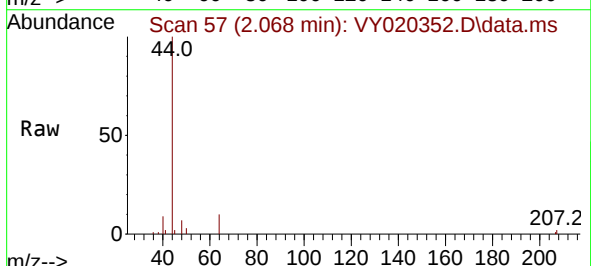
Instrument :
MSVOA_Y
ClientSampleId :

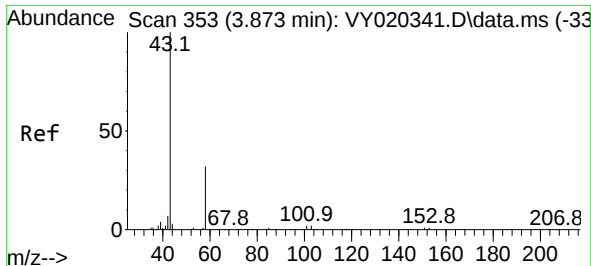
Tgt Ion:168 Resp: 110405
Ion Ratio Lower Upper
168 100
99 63.9 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

Tgt Ion: 50 Resp: 202
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

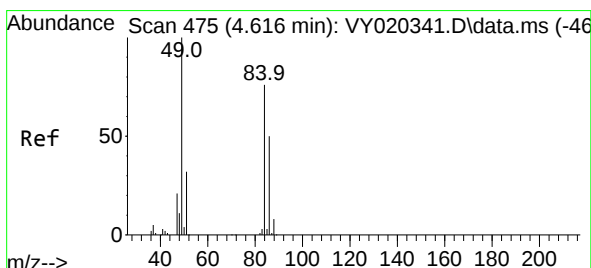
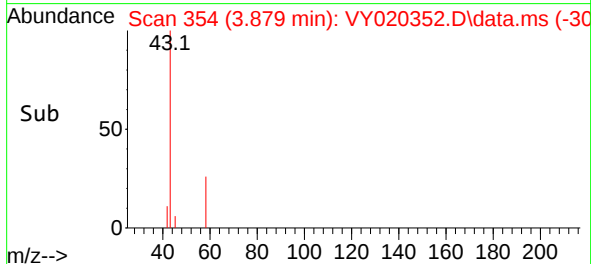
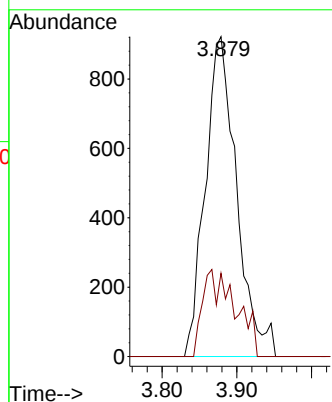
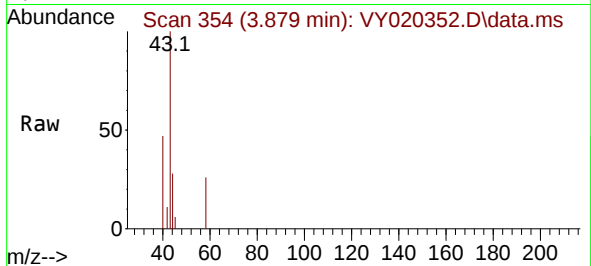




#16
Acetone
Concen: 8.823 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

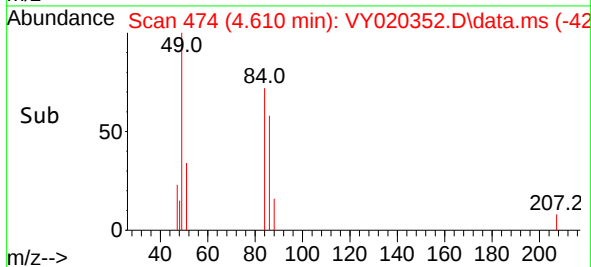
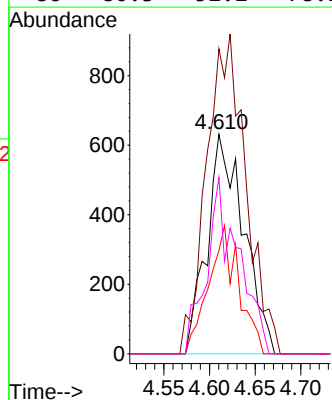
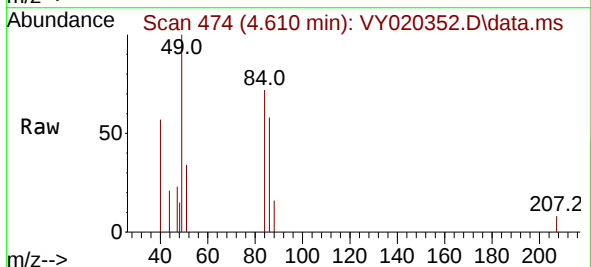
Instrument :
MSVOA_Y
ClientSampleId :

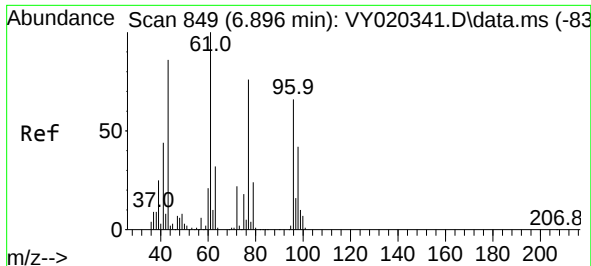
Tgt Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
58 26.0 25.7 38.5



#20
Methylene Chloride
Concen: 1.372 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

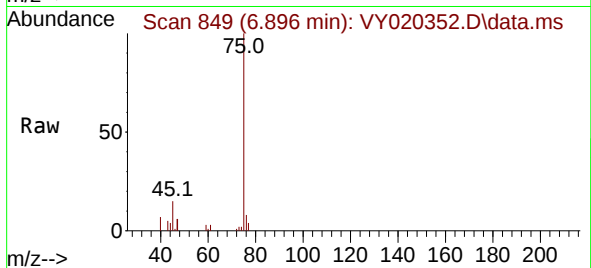
Tgt Ion: 84 Resp: 1767
Ion Ratio Lower Upper
84 100
49 139.0 104.7 157.1
51 47.1 33.4 50.0
86 80.3 52.2 78.2#



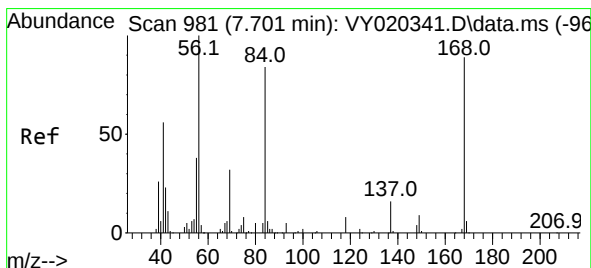
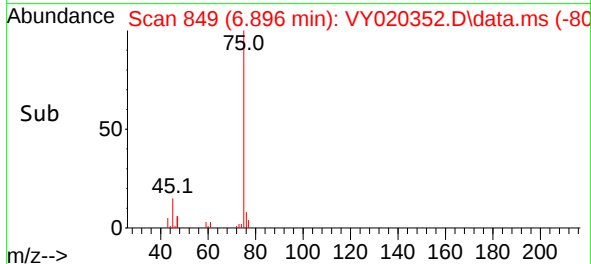
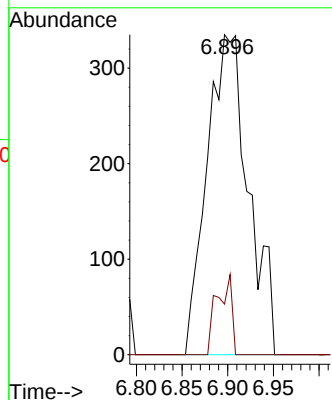


#25
2-Butanone
Concen: 2.715 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

Instrument :
MSVOA_Y
ClientSampleId :

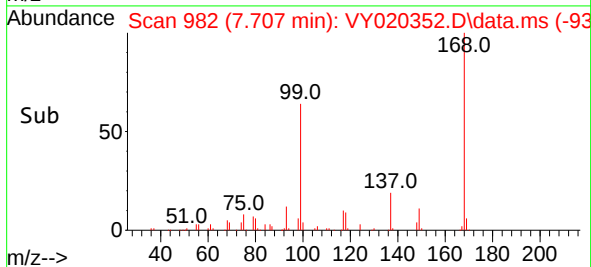
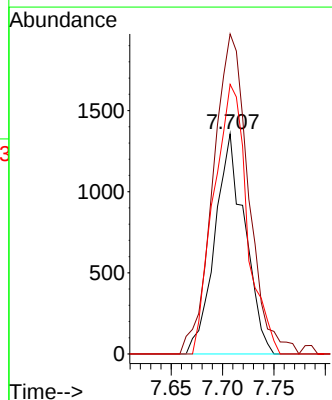
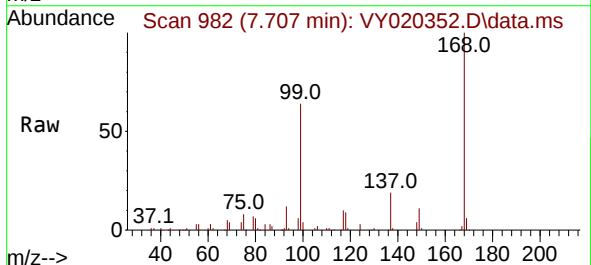


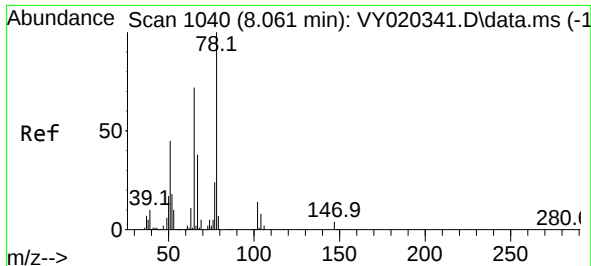
Tgt Ion: 43 Resp: 1063
Ion Ratio Lower Upper
43 100
72 15.8 20.4 30.6#



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

Tgt Ion: 56 Resp: 2753
Ion Ratio Lower Upper
56 100
69 145.3 25.3 37.9#
84 122.4 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 61.494 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY020352.D

Acq: 20 Nov 2024 12:20

Instrument :

MSVOA_Y

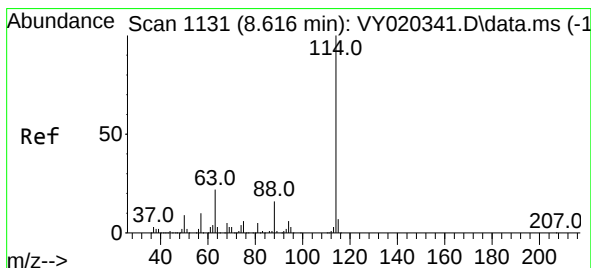
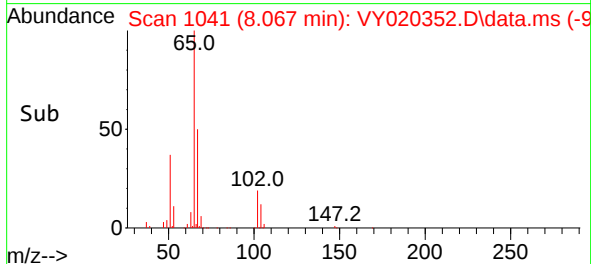
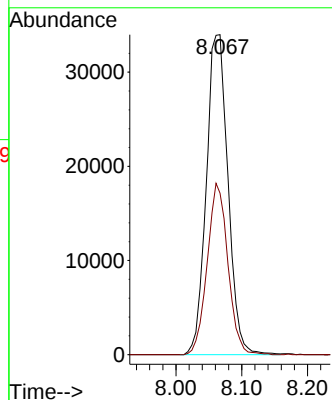
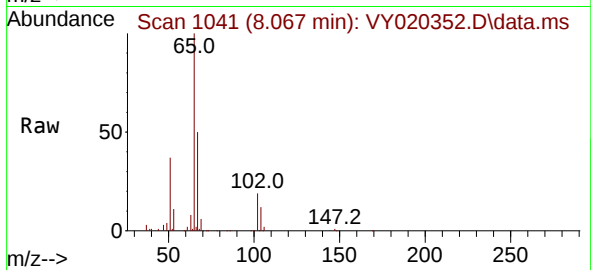
ClientSampleId :

Tgt Ion: 65 Resp: 78000

Ion Ratio Lower Upper

65 100

67 51.1 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: VY020352.D

Acq: 20 Nov 2024 12:20

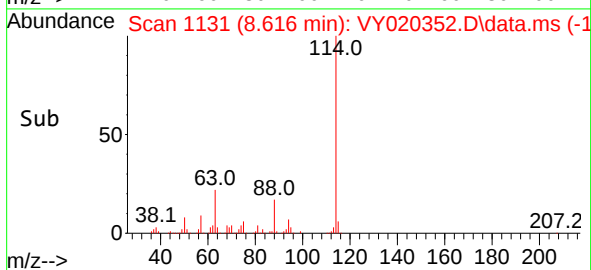
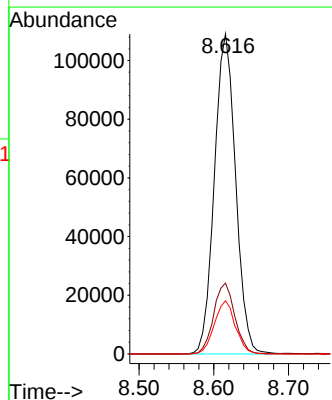
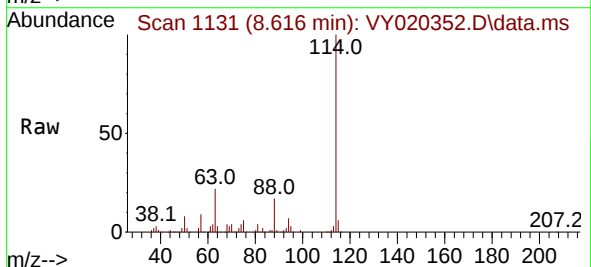
Tgt Ion: 114 Resp: 215388

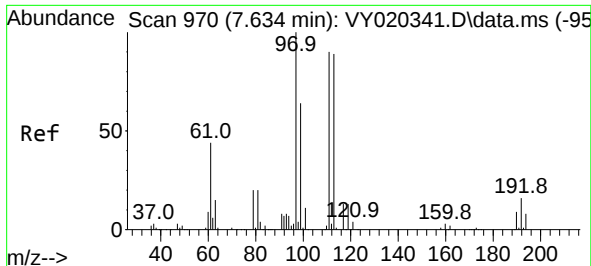
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.8

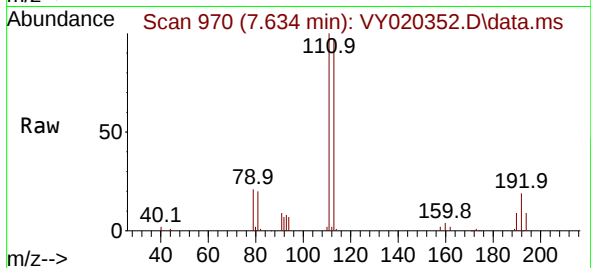
88 16.6 0.0 32.0



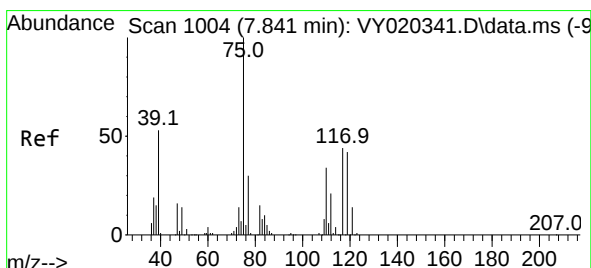
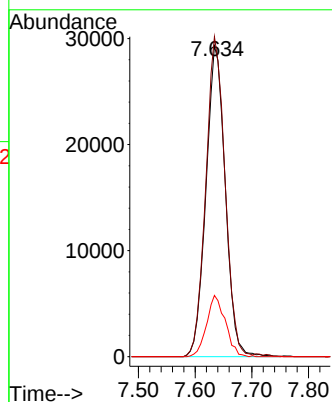
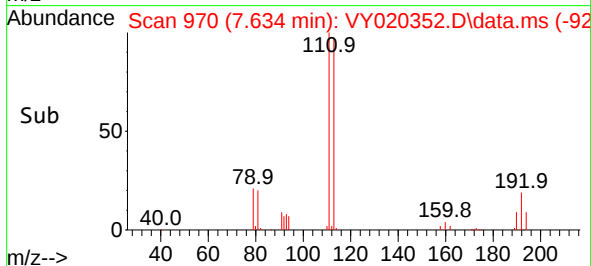


#35
Dibromofluoromethane
Concen: 50.214 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

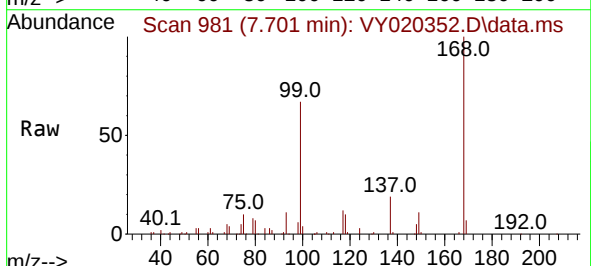
Instrument :
MSVOA_Y
ClientSampleId :



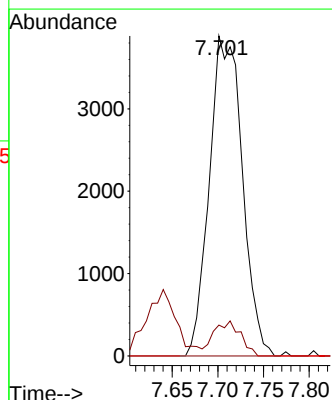
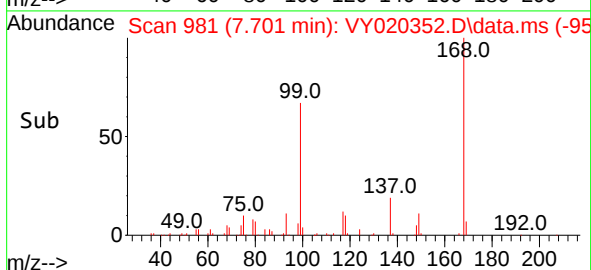
Tgt Ion:113 Resp: 69352
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.2 15.1 22.7

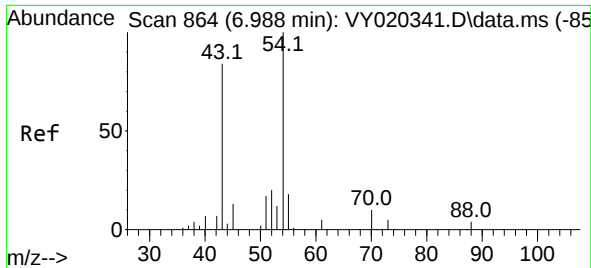


#36
1,1-Dichloropropene
Concen: 4.612 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20



Tgt Ion: 75 Resp: 9729
Ion Ratio Lower Upper
75 100
110 8.8 16.7 50.0#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.100 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY020352.D

Acq: 20 Nov 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

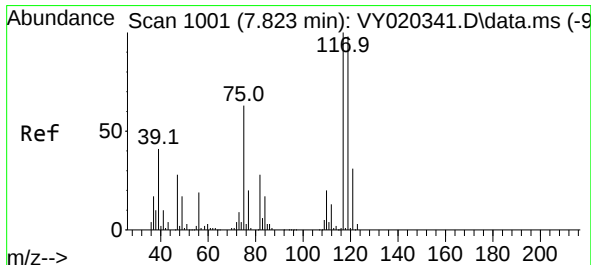
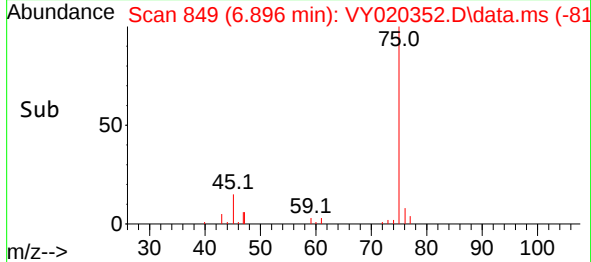
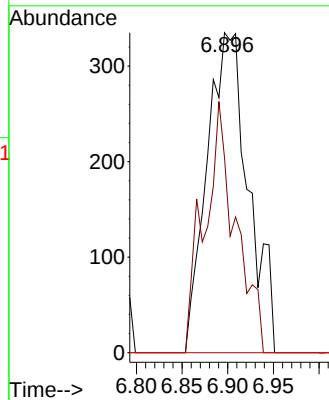
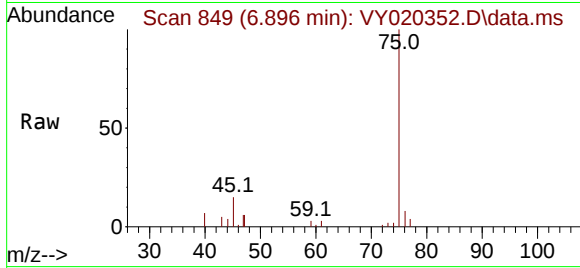
Tgt Ion: 43 Resp: 1063

Ion Ratio Lower Upper

43 100

61 59.0 10.7 16.1#

70 0.0 7.3 10.9#



#38

Carbon Tetrachloride

Concen: 5.626 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.110 min

Lab File: VY020352.D

Acq: 20 Nov 2024 12:20

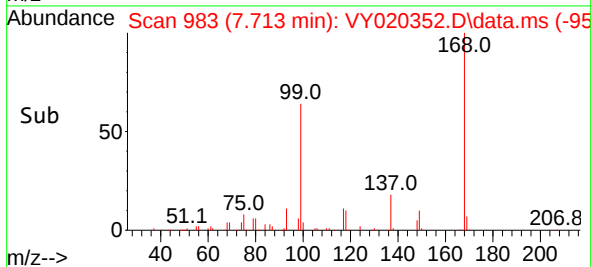
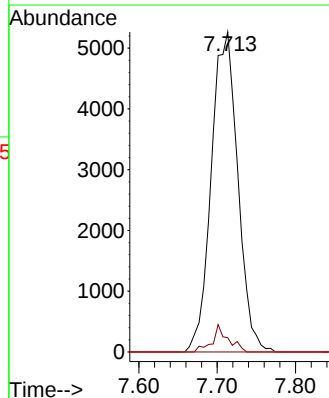
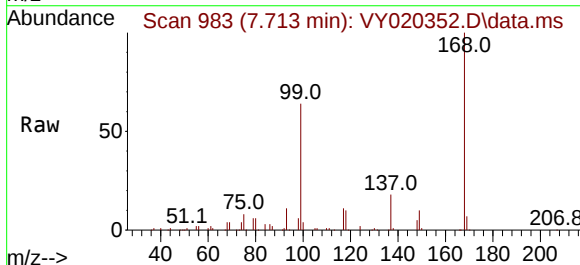
Tgt Ion: 117 Resp: 12392

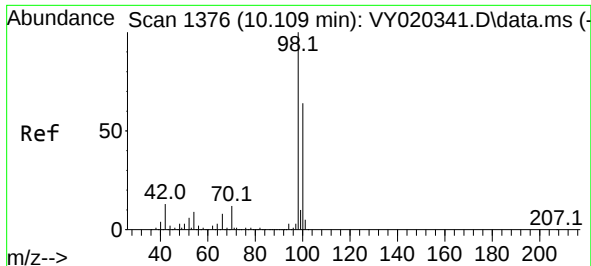
Ion Ratio Lower Upper

117 100

119 4.4 77.8 116.6#

121 0.0 24.6 37.0#

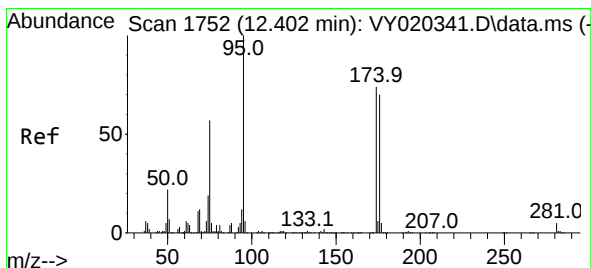
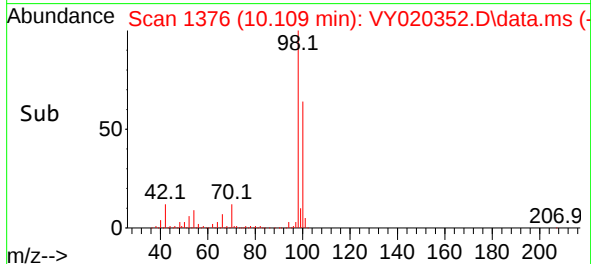
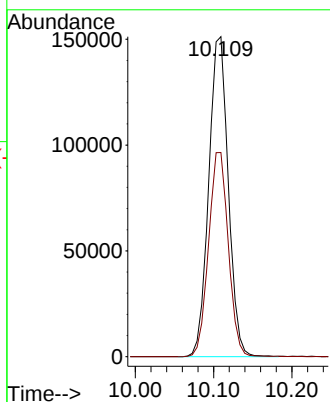
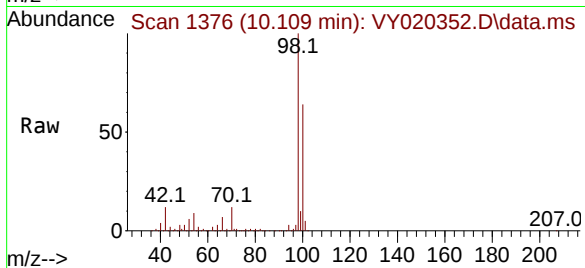




#50
Toluene-d8
Concen: 48.096 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

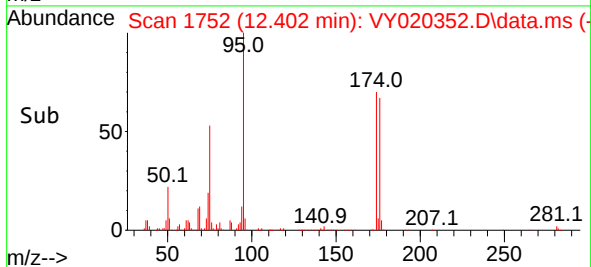
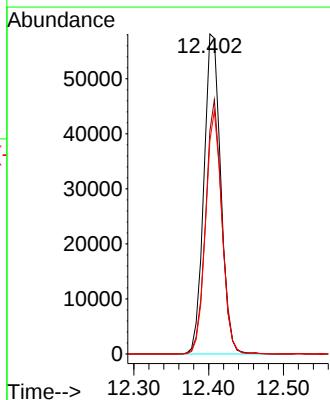
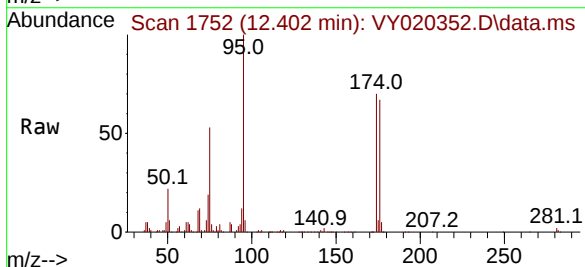
Instrument :
MSVOA_Y
ClientSampleId :

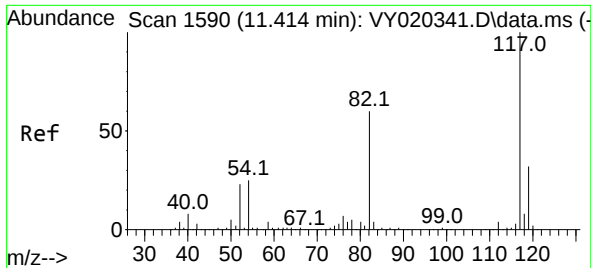
Tgt Ion: 98 Resp: 261670
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 52.041 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

Tgt Ion: 95 Resp: 91017
Ion Ratio Lower Upper
95 100
174 76.5 0.0 156.8
176 73.5 0.0 152.0

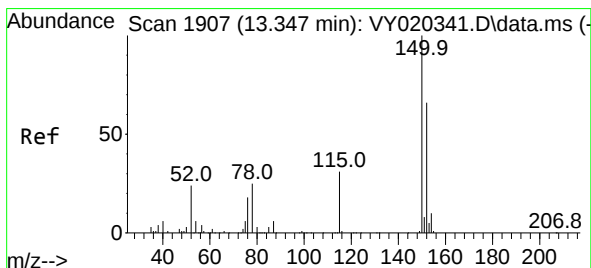
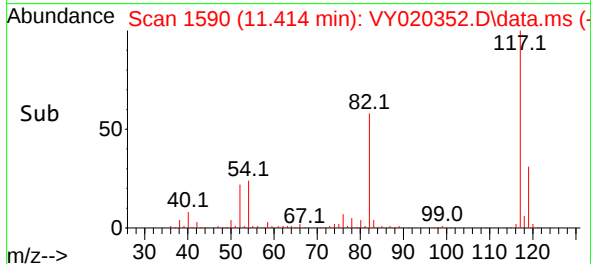
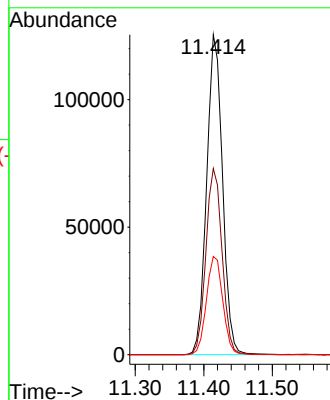
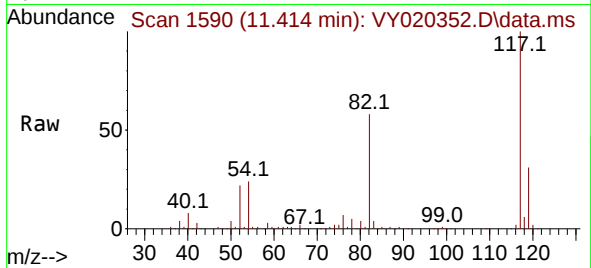




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

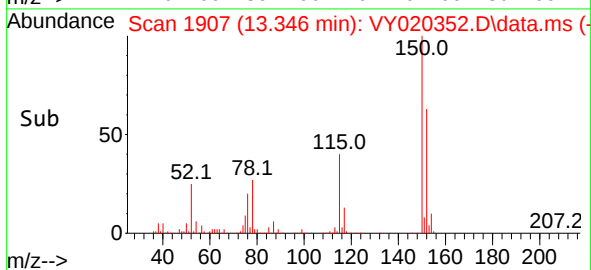
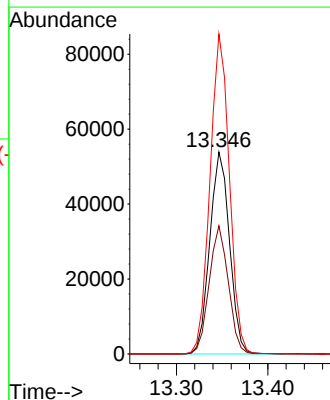
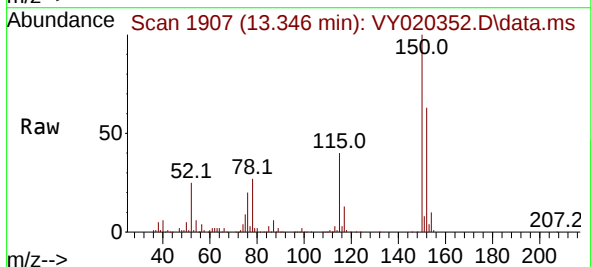
Instrument :
MSVOA_Y
ClientSampleId :

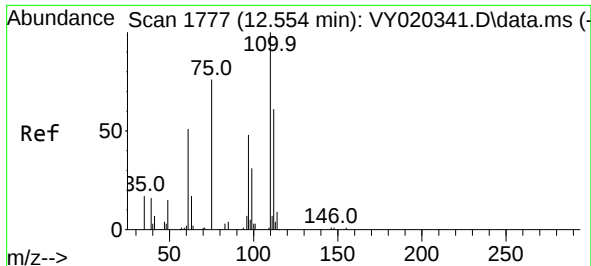
Tgt Ion:117 Resp: 201860
Ion Ratio Lower Upper
117 100
82 58.2 48.2 72.4
119 30.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

Tgt Ion:152 Resp: 80899
Ion Ratio Lower Upper
152 100
115 61.6 30.0 90.0
150 155.5 0.0 348.2

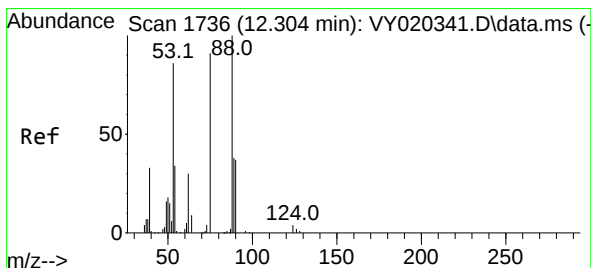
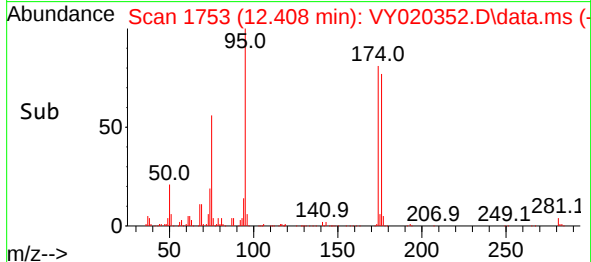
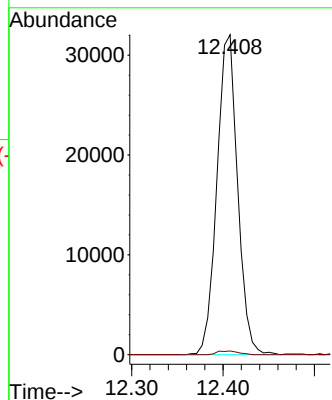
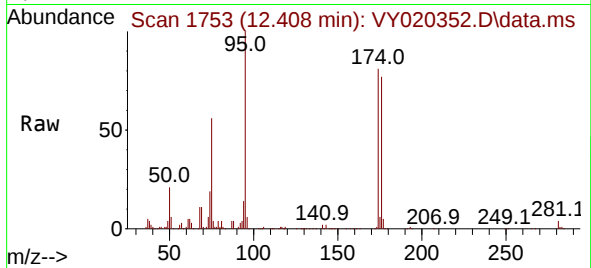




#76
1,2,3-Trichloropropane
Concen: 66.053 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50365
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.427 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020352.D
Acq: 20 Nov 2024 12:20

Tgt Ion: 75 Resp: 50365
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

