

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019364.D
 Acq On : 29 Aug 2024 07:31
 Operator : SY/MD
 Sample : P3735-08
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 07:55:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

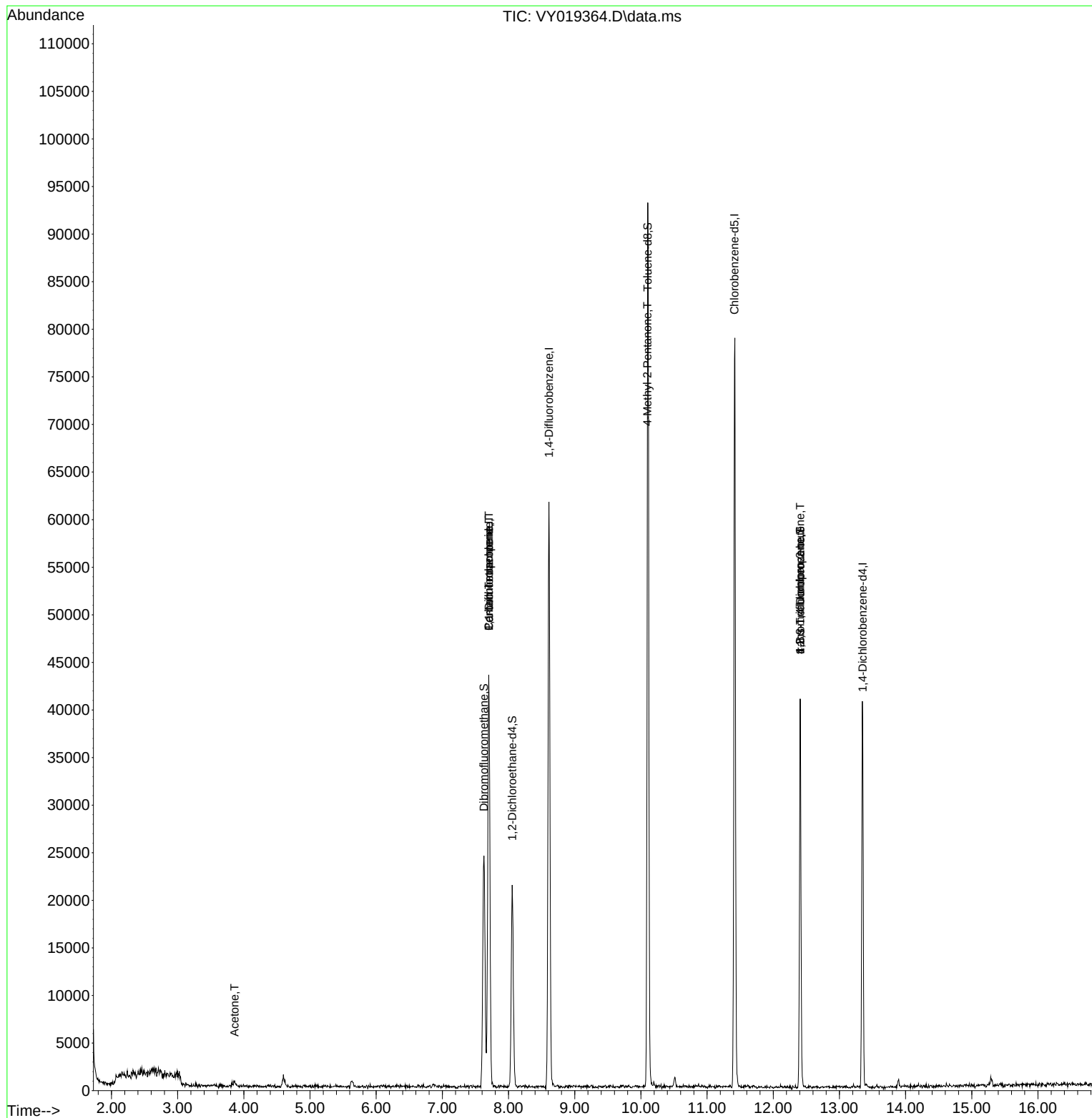
Internal Standards						
1) Pentafluorobenzene	7.701	168	33717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	53402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	43868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	10181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	16835	49.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.620%
35) Dibromofluoromethane	7.628	113	17506	50.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.280%
50) Toluene-d8	10.103	98	58882	46.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.407	95	11851	27.666	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.340%
Target Compounds						
					Qvalue	
5) Bromomethane	2.610	94	431	Below Cal	#	54
6) Chloroethane	2.714	64	64	Below Cal	#	42
13) Acrolein	3.464	56	30	Below Cal	#	15
16) Acetone	3.860	43	922	14.709	ug/l #	36
20) Methylene Chloride	4.598	84	654	Below Cal	#	85
31) Cyclohexane	7.701	56	729	Below Cal	#	1
36) 1,1-Dichloropropene	7.701	75	2489	5.191	ug/l #	48
38) Carbon Tetrachloride	7.701	117	3502	6.302	ug/l #	19
51) 4-Methyl-2-Pentanone	10.097	43	257	1.127	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	6553	65.267	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	6553	161.187	ug/l #	16

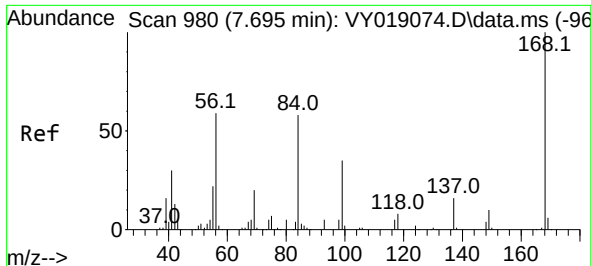
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
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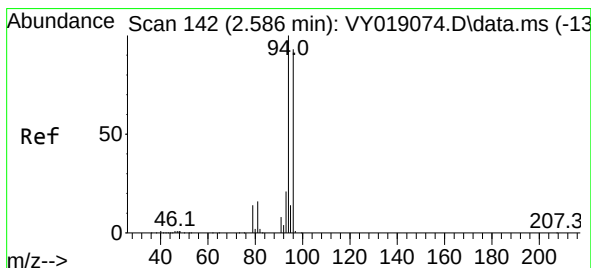
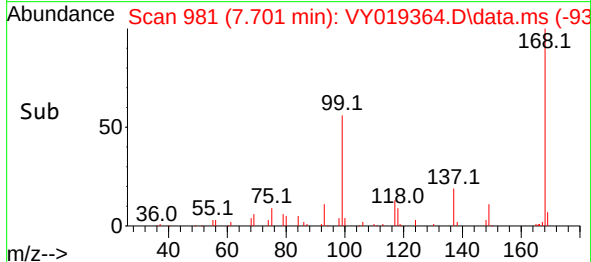
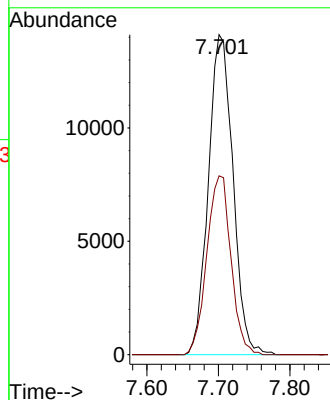
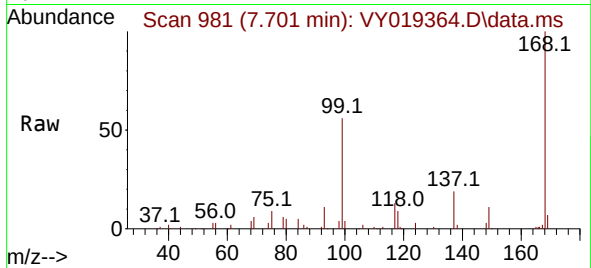




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

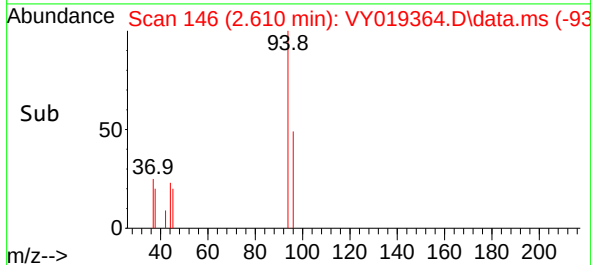
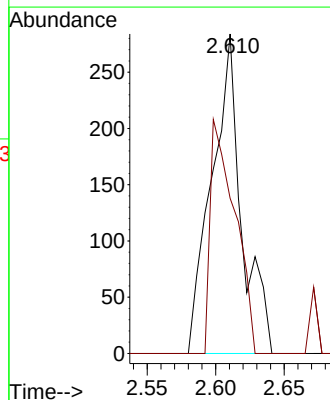
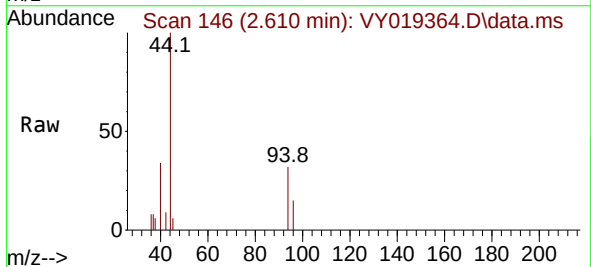
Instrument :
MSVOA_Y
ClientSampleId :

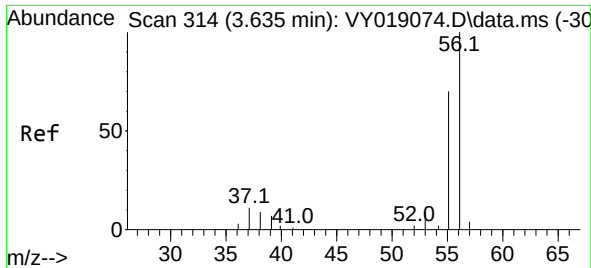
Tgt Ion:168 Resp: 33717
Ion Ratio Lower Upper
168 100
99 55.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.610 min Scan# 146
Delta R.T. 0.024 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

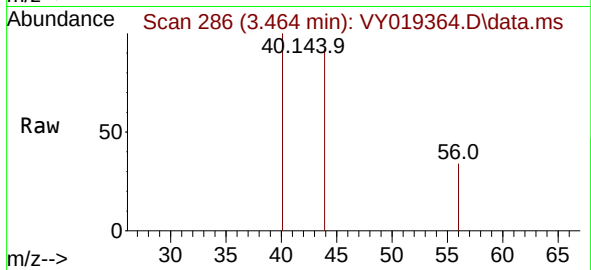
Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 48.6 74.1 111.1#



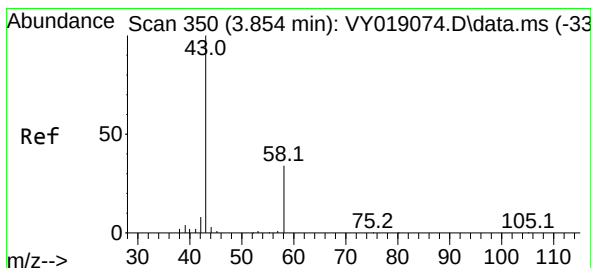
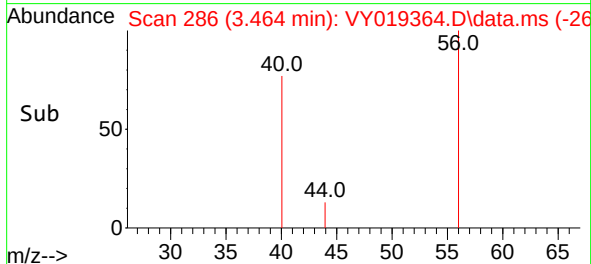
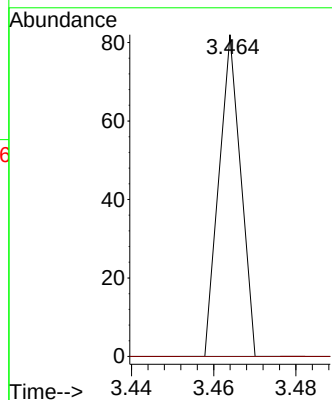


#13
Acrolein
Concen: Below Cal
RT: 3.464 min Scan# 21
Delta R.T. -0.171 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

Instrument :
MSVOA_Y
ClientSampleId :

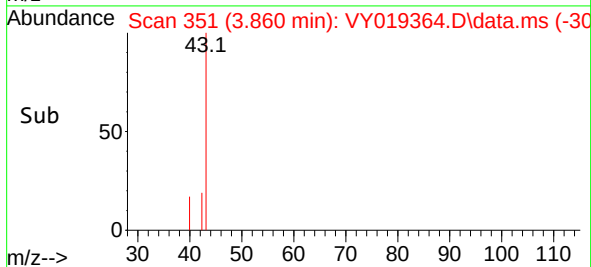
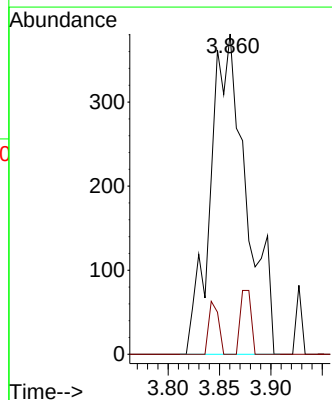
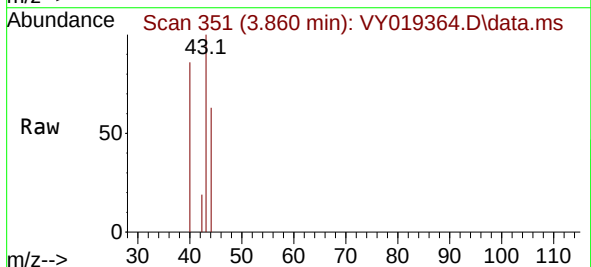


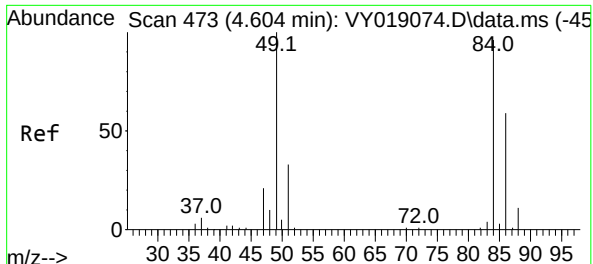
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 14.709 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 41

Delta R.T. -0.006 min

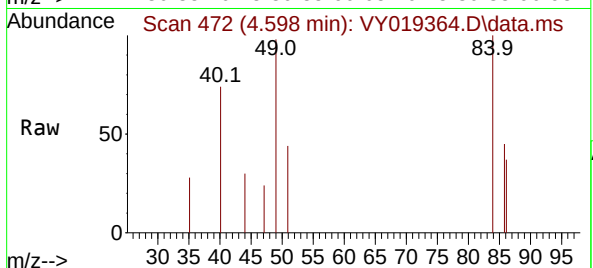
Lab File: VY019364.D

Acq: 29 Aug 2024 07:31

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 654

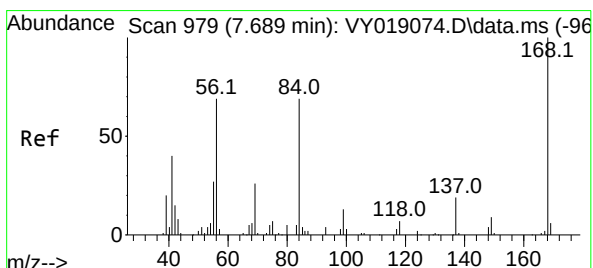
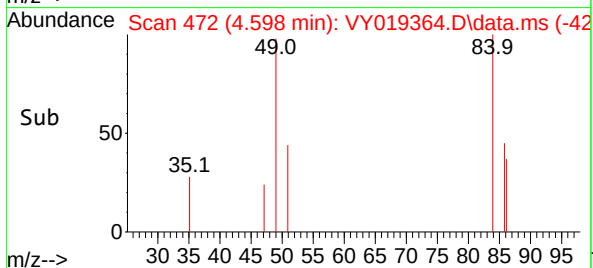
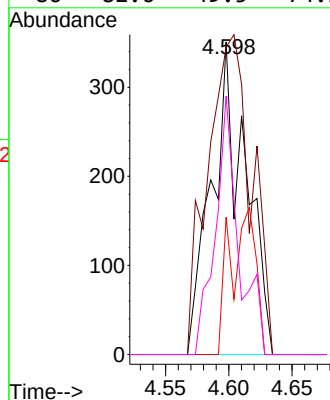
Ion Ratio Lower Upper

84 100

49 98.3 84.4 126.6

51 43.9 26.0 39.0#

86 82.6 49.5 74.3#



#31

Cyclohexane

Concen: Below Cal

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019364.D

Acq: 29 Aug 2024 07:31

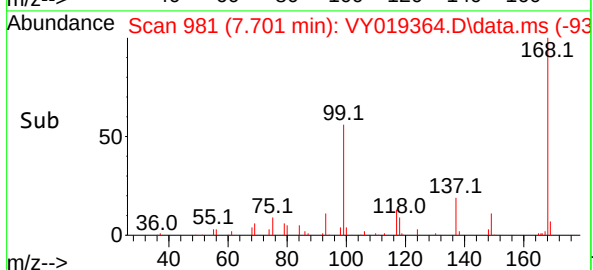
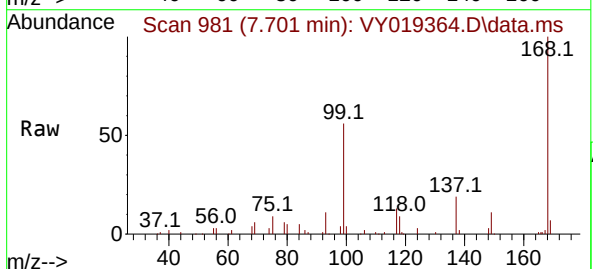
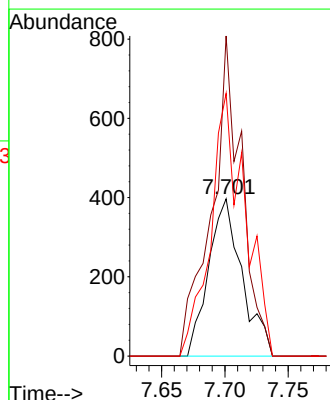
Tgt Ion: 56 Resp: 729

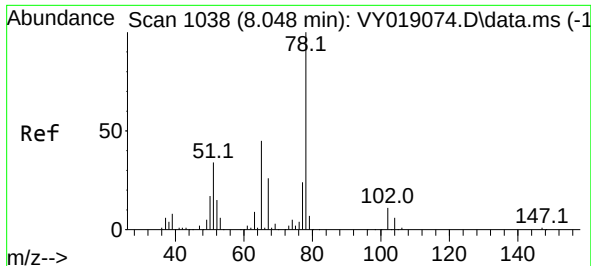
Ion Ratio Lower Upper

56 100

69 203.5 28.7 43.1#

84 167.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 49.810 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019364.D

Acq: 29 Aug 2024 07:31

Instrument :

MSVOA_Y

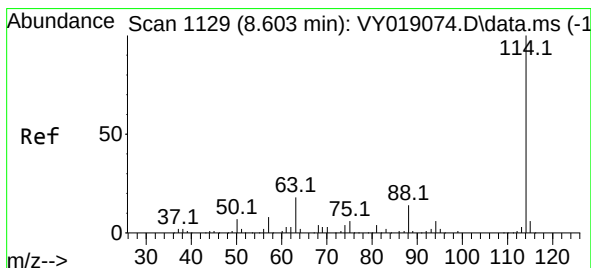
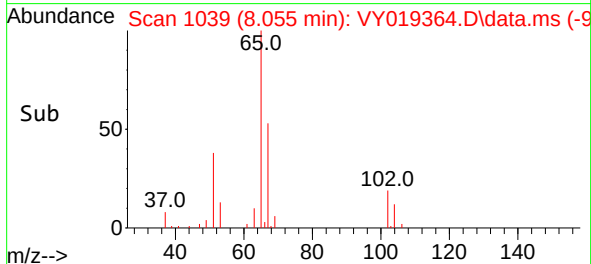
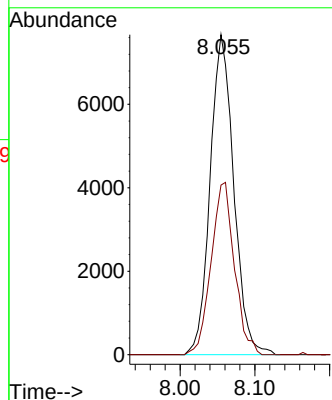
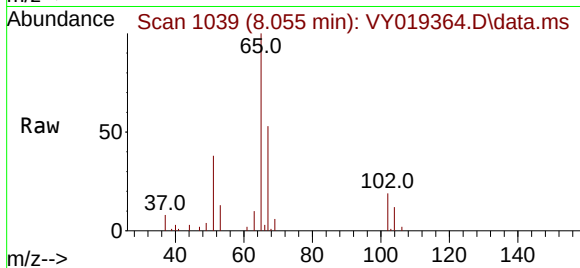
ClientSampleId :

Tgt Ion: 65 Resp: 16835

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019364.D

Acq: 29 Aug 2024 07:31

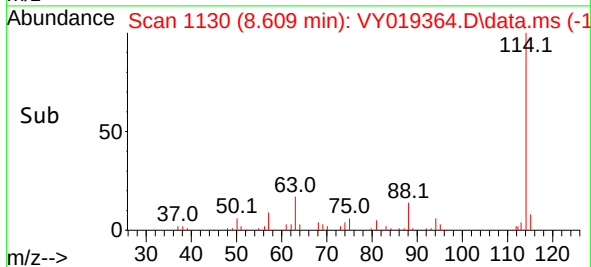
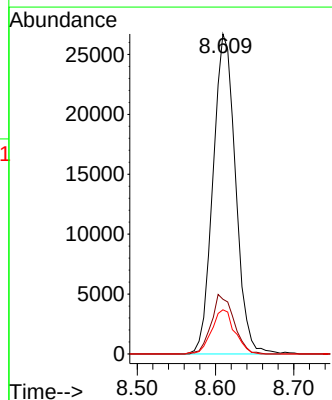
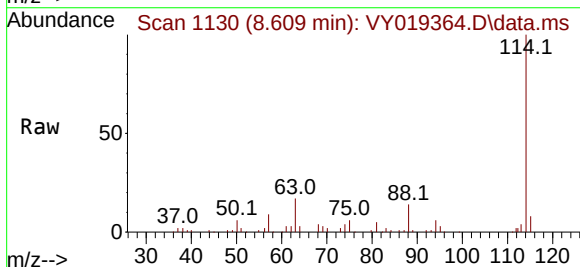
Tgt Ion: 114 Resp: 53402

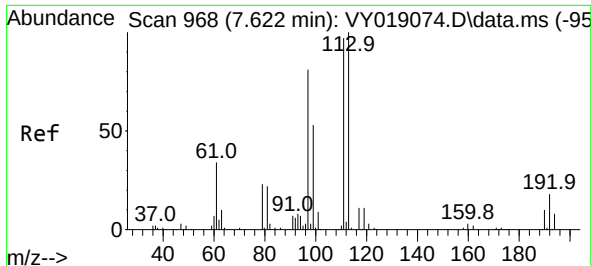
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

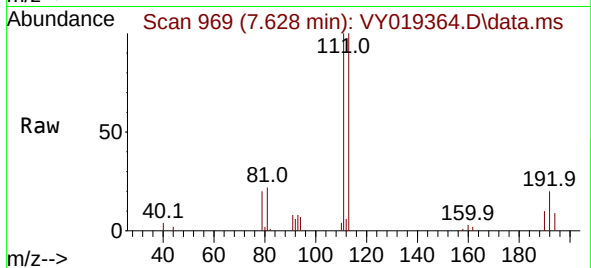
88 13.8 0.0 27.2



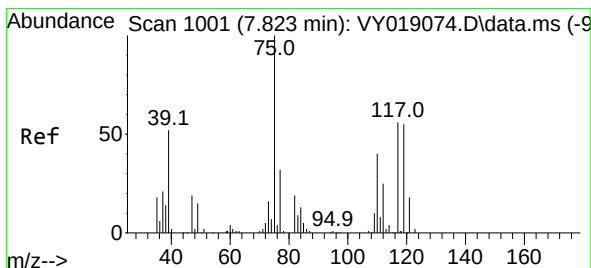
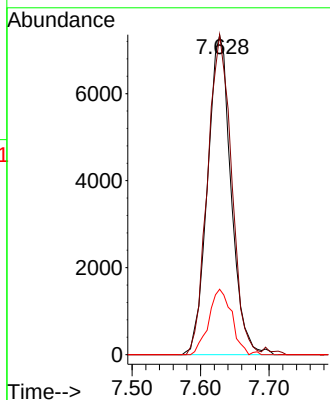
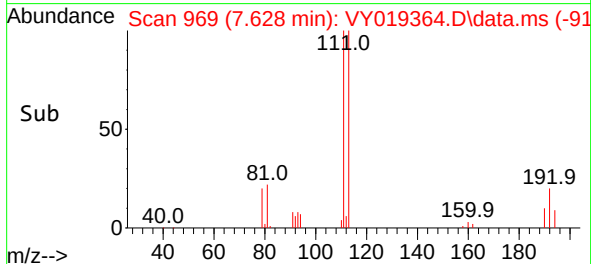


#35
Dibromofluoromethane
Concen: 50.135 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

Instrument :
MSVOA_Y
ClientSampleId :

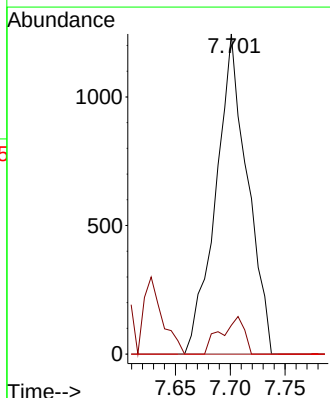
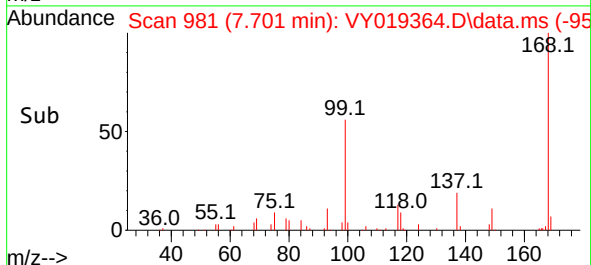
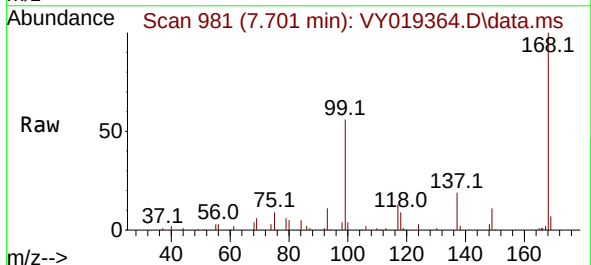


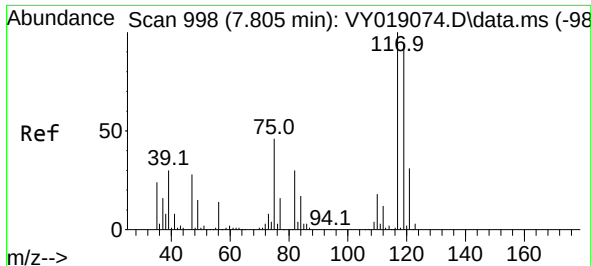
Tgt Ion:113 Resp: 17506
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.191 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

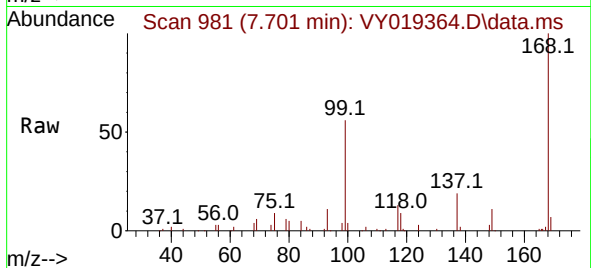
Tgt Ion: 75 Resp: 2489
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



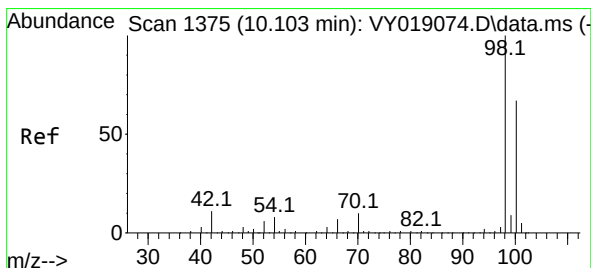
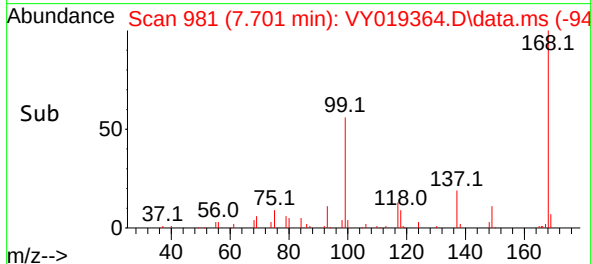
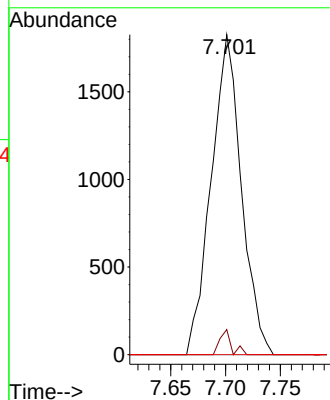


#38
Carbon Tetrachloride
Concen: 6.302 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

Instrument :
MSVOA_Y
ClientSampleId :

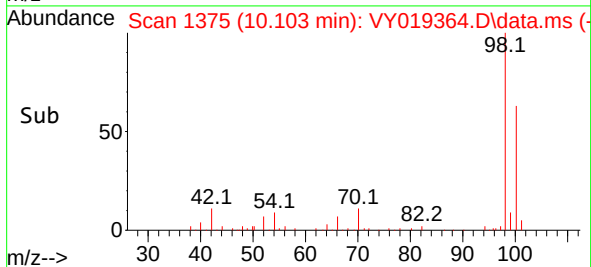
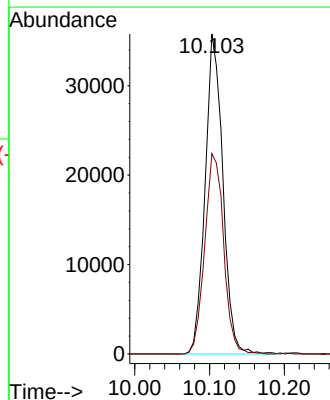
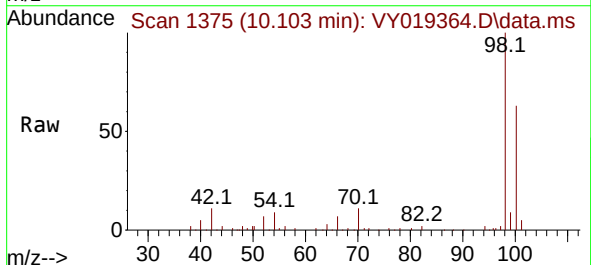


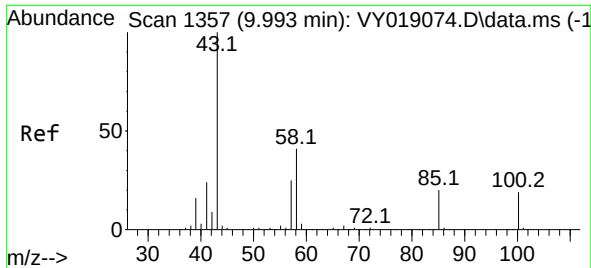
Tgt Ion:117 Resp: 3502
Ion Ratio Lower Upper
117 100
119 7.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.860 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

Tgt Ion: 98 Resp: 58882
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0

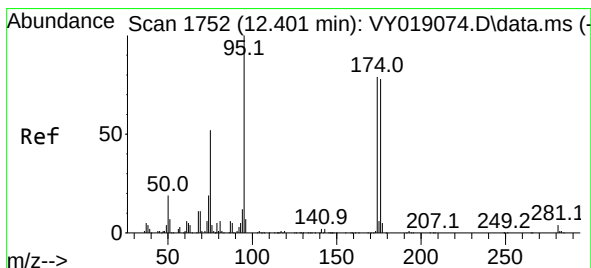
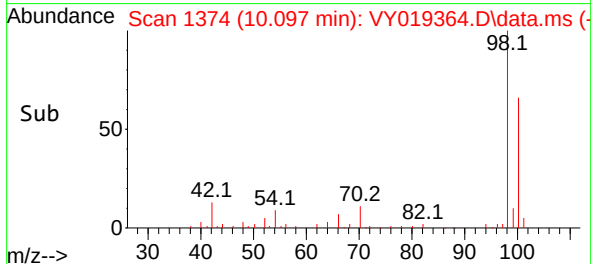
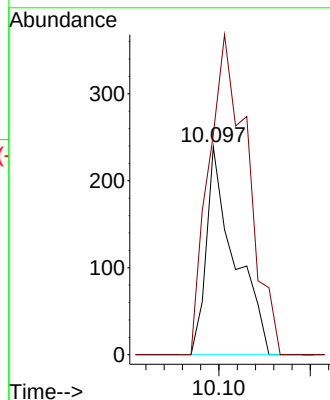
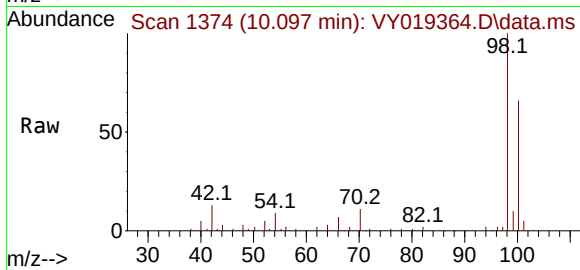




#51
 4-Methyl-2-Pentanone
 Concen: 1.127 ug/l
 RT: 10.097 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019364.D
 Acq: 29 Aug 2024 07:31

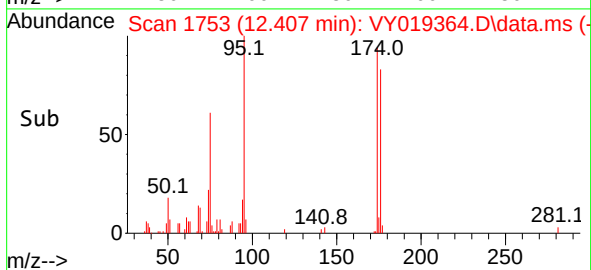
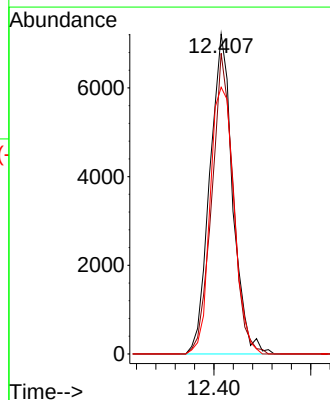
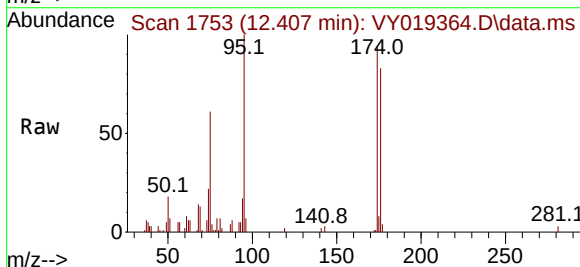
Instrument :
 MSVOA_Y
 ClientSampleId :

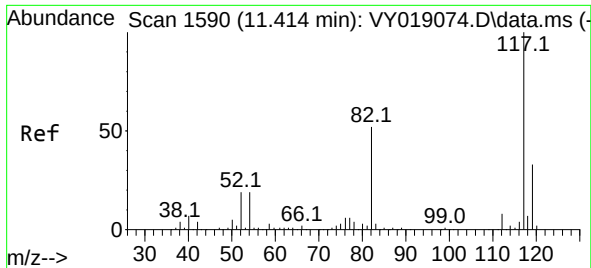
Tgt Ion: 43 Resp: 257
 Ion Ratio Lower Upper
 43 100
 58 211.7 35.7 53.5#



#62
 4-Bromofluorobenzene
 Concen: 27.666 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. 0.006 min
 Lab File: VY019364.D
 Acq: 29 Aug 2024 07:31

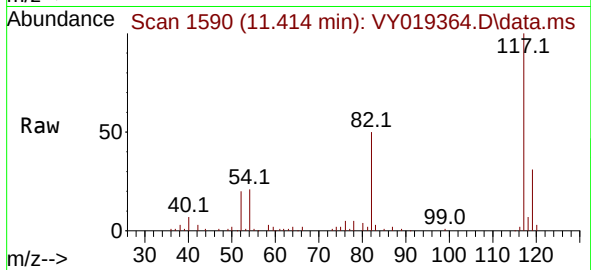
Tgt Ion: 95 Resp: 11851
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 175.6
 176 87.4 0.0 171.4



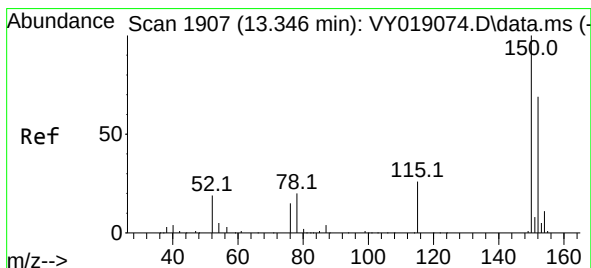
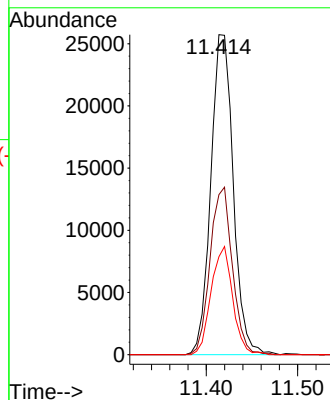
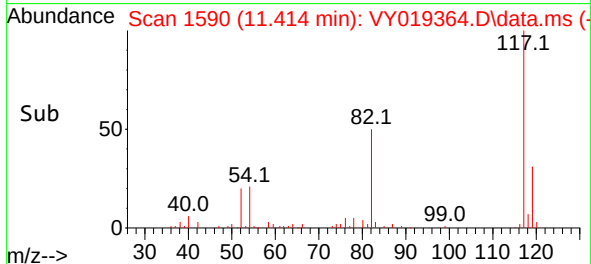


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

Instrument :
MSVOA_Y
ClientSampleId :

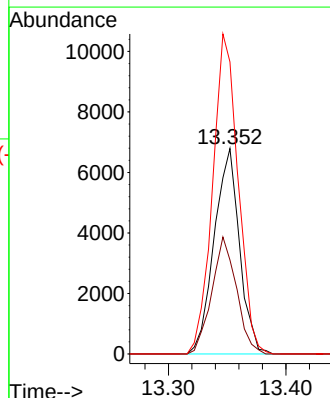
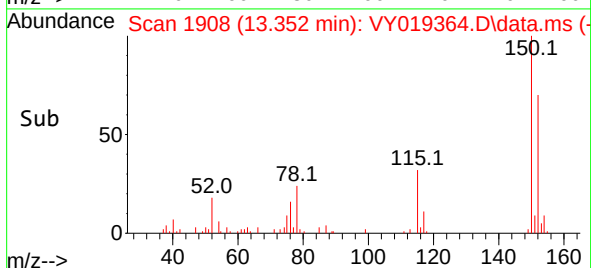
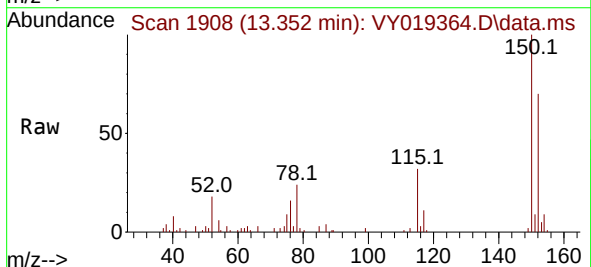


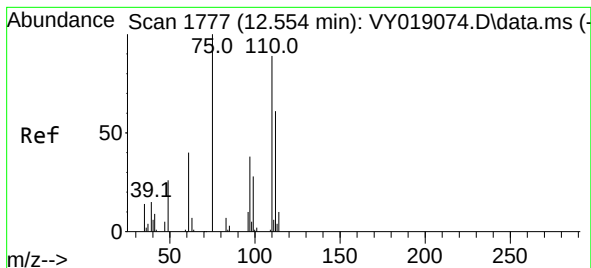
Tgt Ion:117 Resp: 43868
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 30.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

Tgt Ion:152 Resp: 10181
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 156.6 0.0 345.6

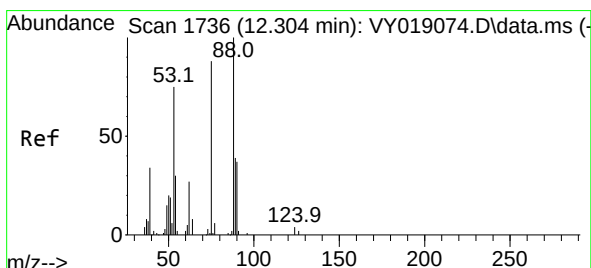
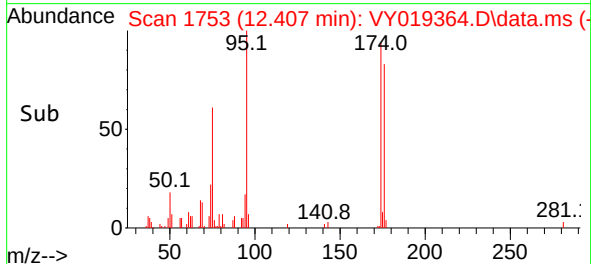
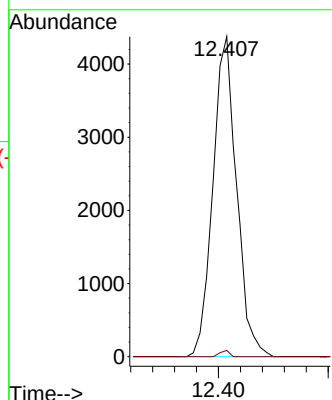
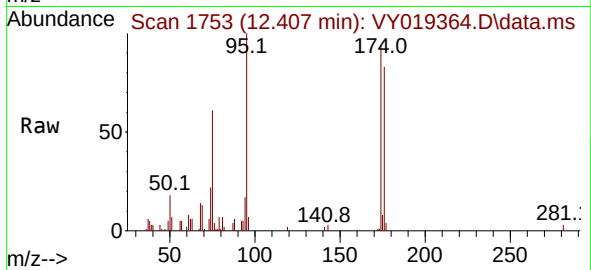




#76
1,2,3-Trichloropropane
Concen: 65.267 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 6553
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 161.187 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

Tgt Ion: 75 Resp: 6553
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

