

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019432.D
 Acq On : 03 Sep 2024 16:24
 Operator : SY/MD
 Sample : P3799-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 04 01:36:10 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)

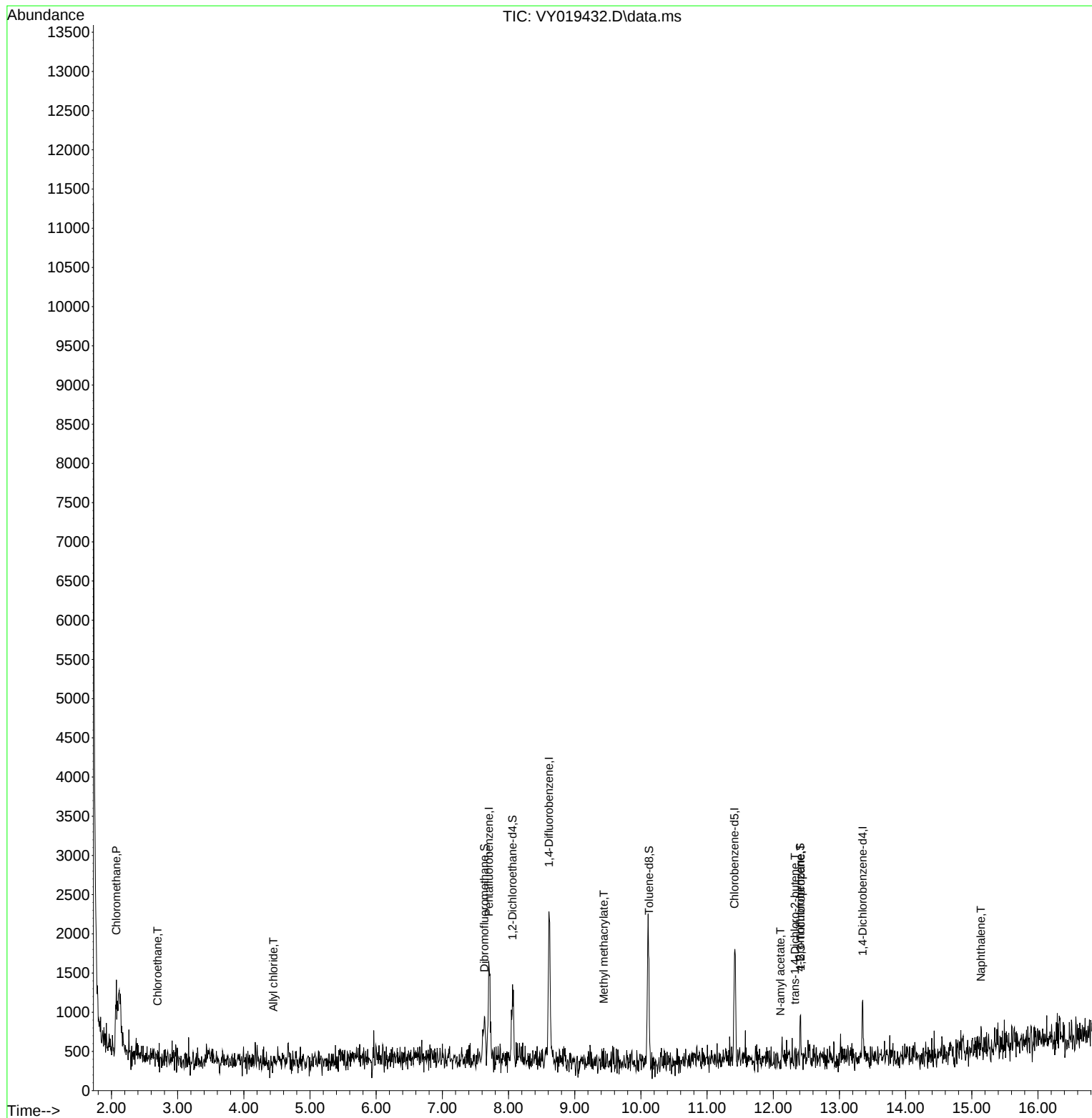
Internal Standards						
1) Pentafluorobenzene	7.701	168	1454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	2272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	923	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	837	60.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.634	113	673	46.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.700%	
50) Toluene-d8	10.121	98	1383	26.155	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 52.300%#	
62) 4-Bromofluorobenzene	12.407	95	270	15.787	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 31.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	41	2.127	ug/l #	1
6) Chloroethane	2.696	64	20	1.485	ug/l #	42
14) Allyl chloride	4.446	41	20	1.069	ug/l #	19
48) Methyl methacrylate	9.438	41	25	3.372	ug/l #	7
74) N-amyl acetate	12.109	43	20	5.458	ug/l #	37
76) 1,2,3-Trichloropropane	12.414	75	19	9.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.328	75	39	45.971	ug/l #	16
95) Naphthalene	15.139	128	176	28.695	ug/l #	69

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

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ALS Vial : 15 Sample Multiplier: 1

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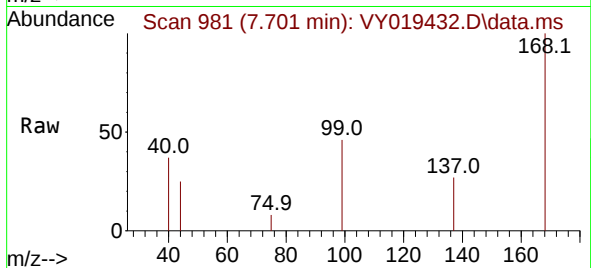
Quant Time: Sep 04 01:36:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration



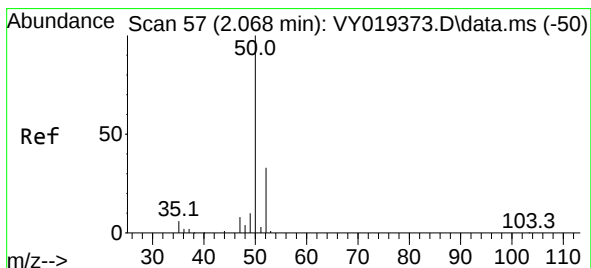
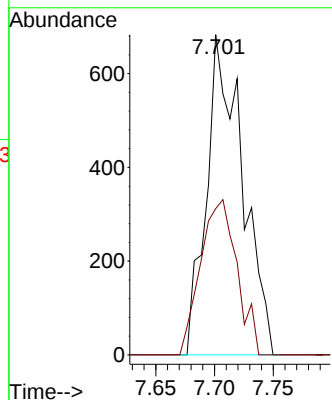
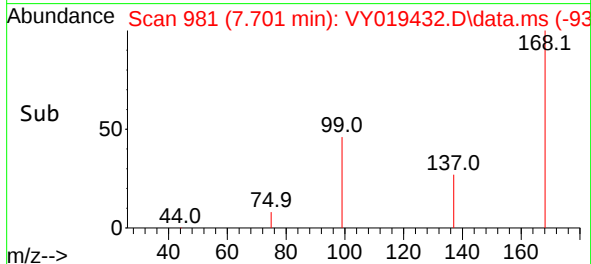


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

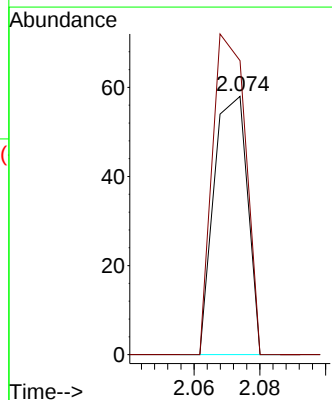
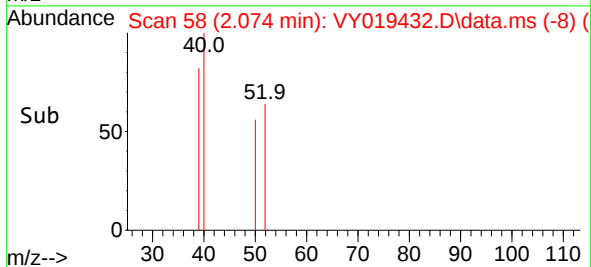
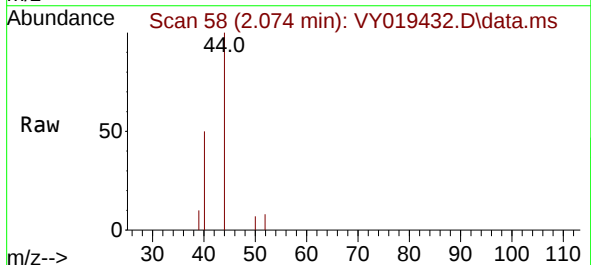


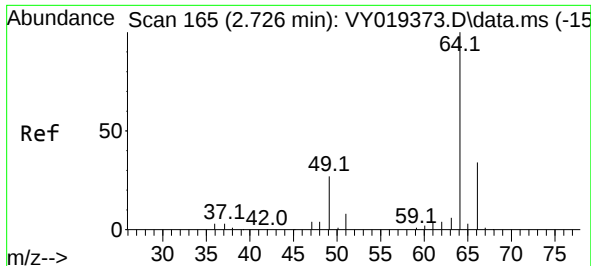
Tgt Ion:168 Resp: 1454
Ion Ratio Lower Upper
168 100
99 45.7 39.1 58.7



#3
Chloromethane
Concen: 2.127 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

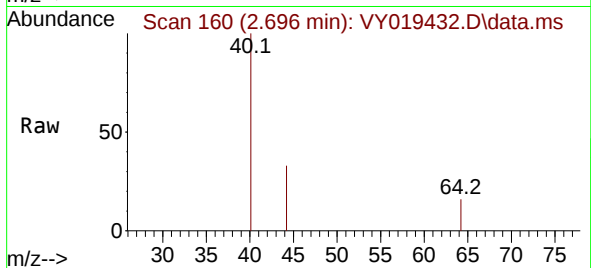
Tgt Ion: 50 Resp: 41
Ion Ratio Lower Upper
50 100
52 113.8 25.6 38.4#



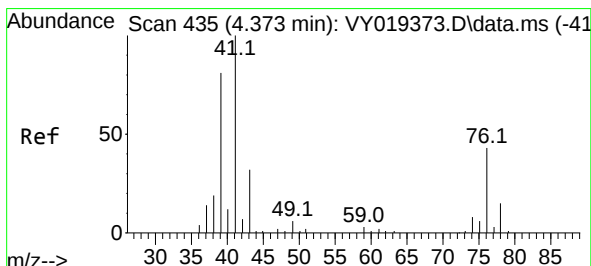
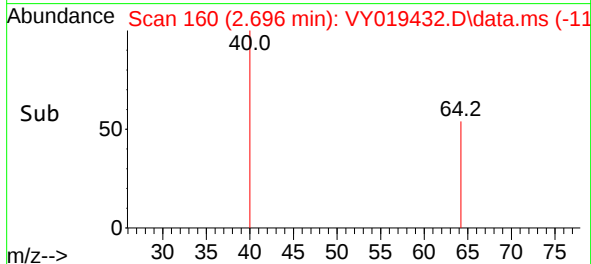
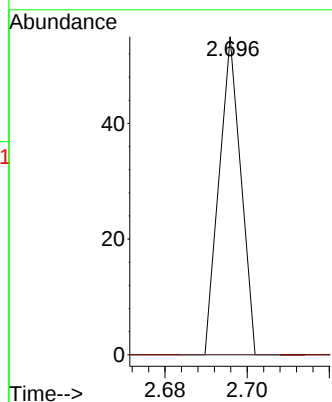


#6
Chloroethane
Concen: 1.485 ug/l
RT: 2.696 min Scan# 11
Delta R.T. -0.031 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

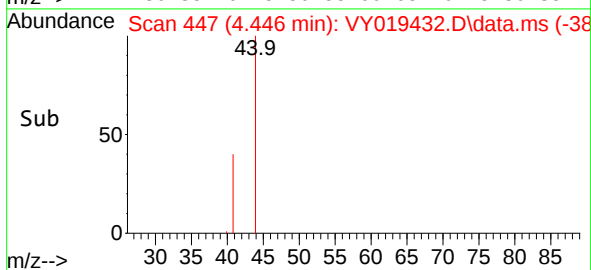
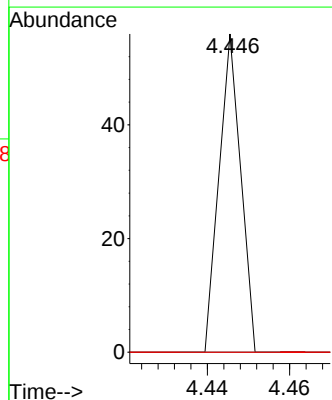
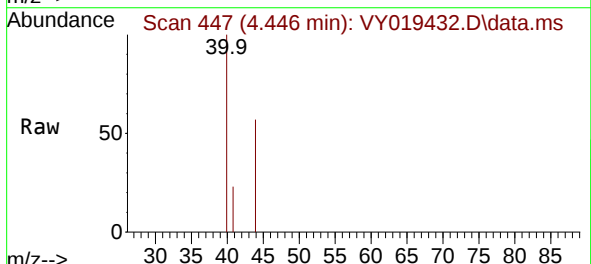


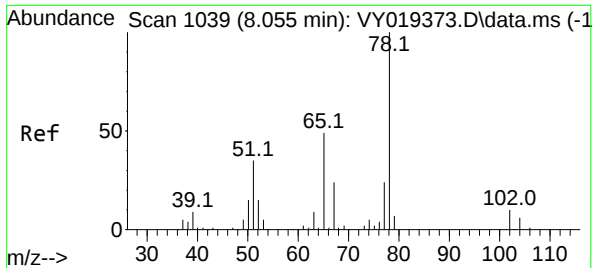
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#14
Allyl chloride
Concen: 1.069 ug/l
RT: 4.446 min Scan# 447
Delta R.T. 0.073 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Tgt Ion: 41 Resp: 20
Ion Ratio Lower Upper
41 100
39 0.0 58.3 87.5#
76 0.0 39.0 58.6#





#33

1,2-Dichloroethane-d4

Concen: 60.776 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019432.D

Acq: 03 Sep 2024 16:24

Instrument :

MSVOA_Y

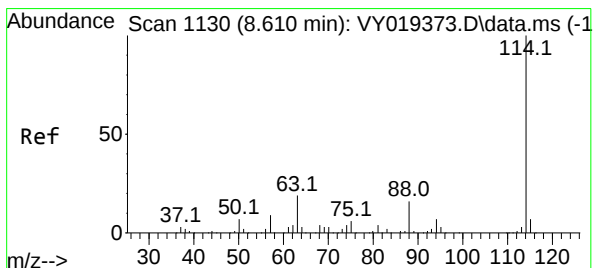
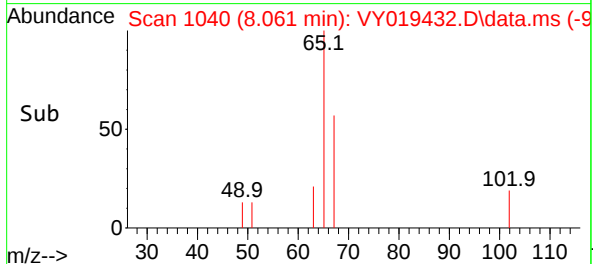
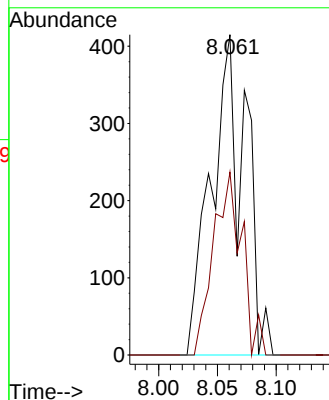
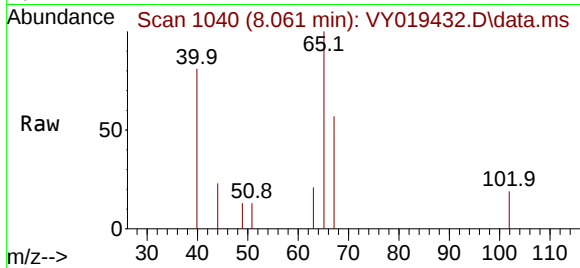
ClientSampleId :

Tgt Ion: 65 Resp: 837

Ion Ratio Lower Upper

65 100

67 47.8 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: VY019432.D

Acq: 03 Sep 2024 16:24

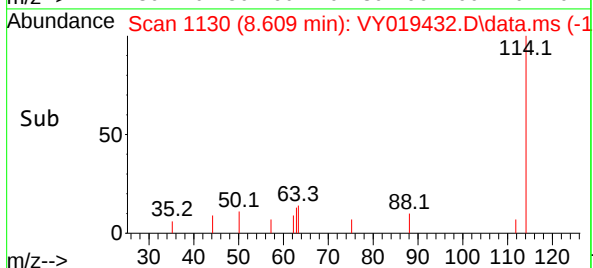
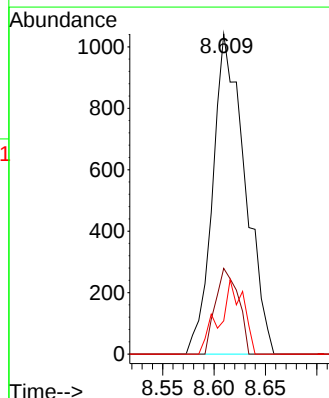
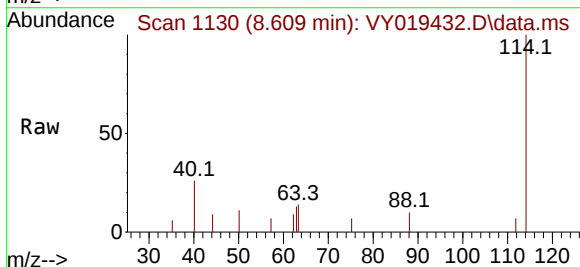
Tgt Ion: 114 Resp: 2272

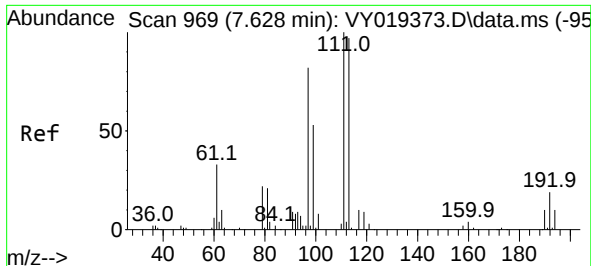
Ion Ratio Lower Upper

114 100

63 26.8 0.0 35.0

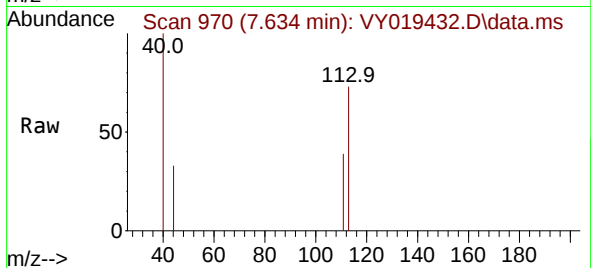
88 10.4 0.0 27.2



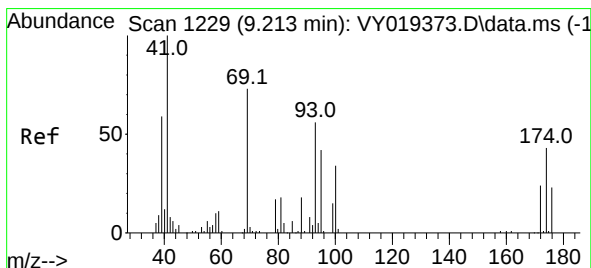
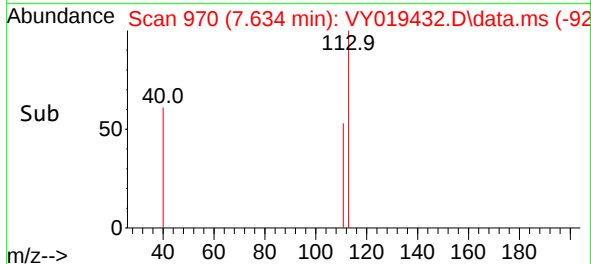
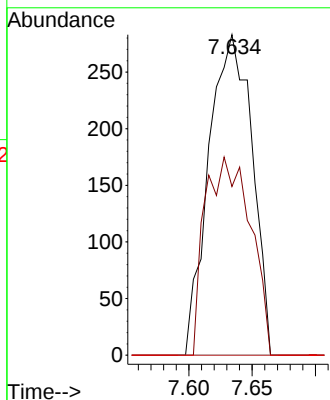


#35
 Dibromofluoromethane
 Concen: 46.852 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY019432.D
 Acq: 03 Sep 2024 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :

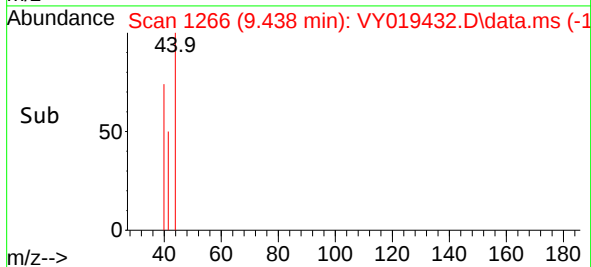
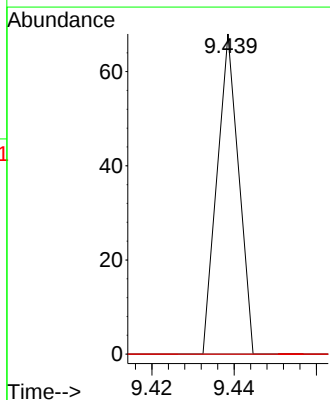
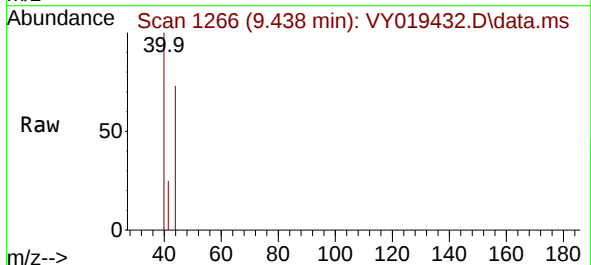


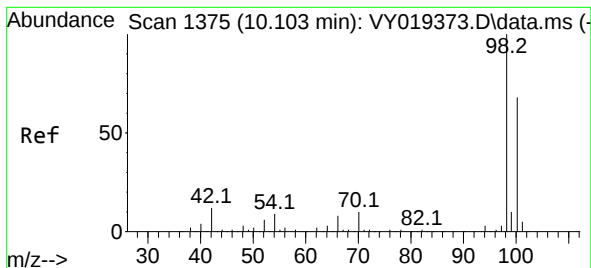
Tgt Ion:113 Resp: 673
 Ion Ratio Lower Upper
 113 100
 111 65.1 82.2 123.4#
 192 0.0 15.9 23.9#



#48
 Methyl methacrylate
 Concen: 3.372 ug/l
 RT: 9.438 min Scan# 1266
 Delta R.T. 0.225 min
 Lab File: VY019432.D
 Acq: 03 Sep 2024 16:24

Tgt Ion: 41 Resp: 25
 Ion Ratio Lower Upper
 41 100
 69 0.0 84.1 126.1#
 39 0.0 43.6 65.4#





#50

Toluene-d8

Concen: 26.155 ug/l

RT: 10.121 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY019432.D

Acq: 03 Sep 2024 16:24

Instrument :

MSVOA_Y

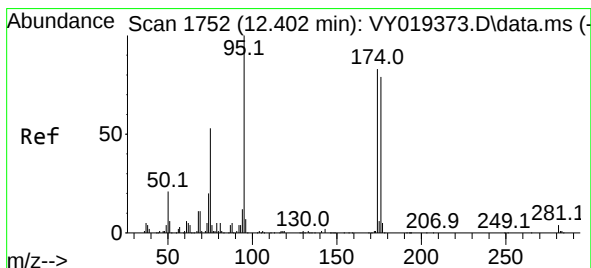
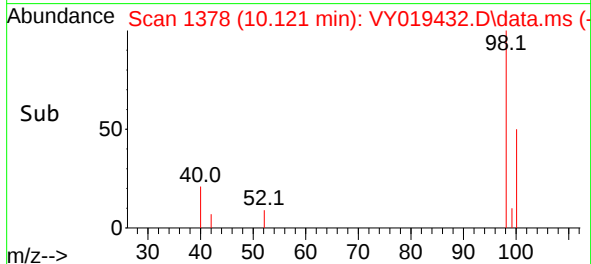
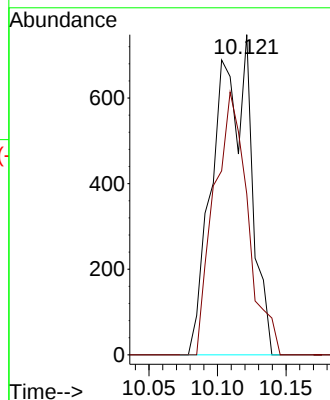
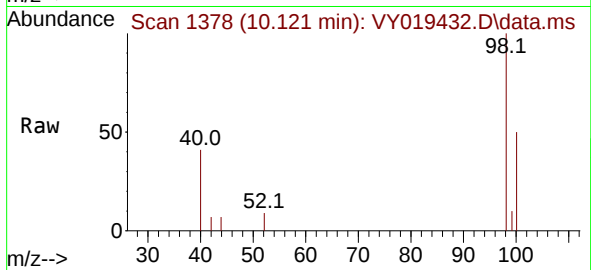
ClientSampleId :

Tgt Ion: 98 Resp: 1383

Ion Ratio Lower Upper

98 100

100 75.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 15.787 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019432.D

Acq: 03 Sep 2024 16:24

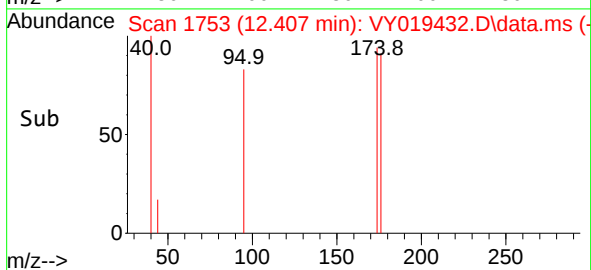
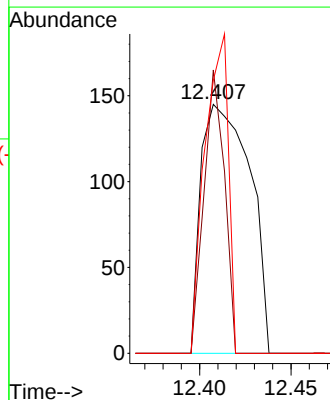
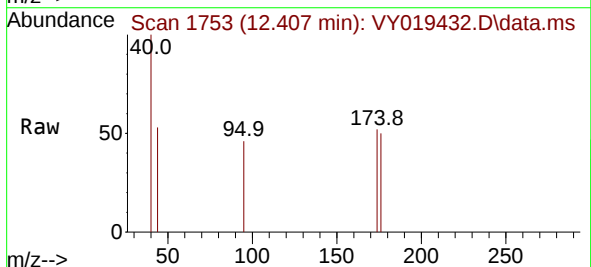
Tgt Ion: 95 Resp: 270

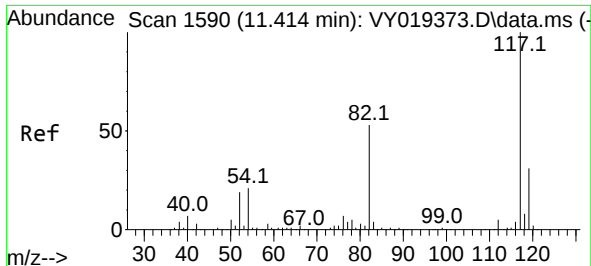
Ion Ratio Lower Upper

95 100

174 47.4 0.0 175.6

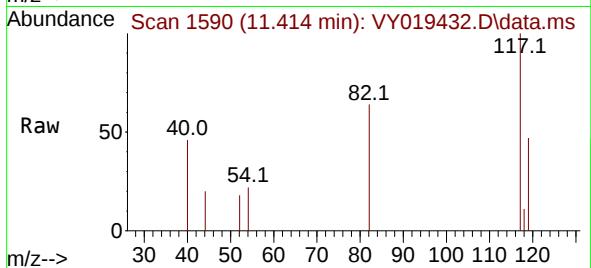
176 61.1 0.0 171.4



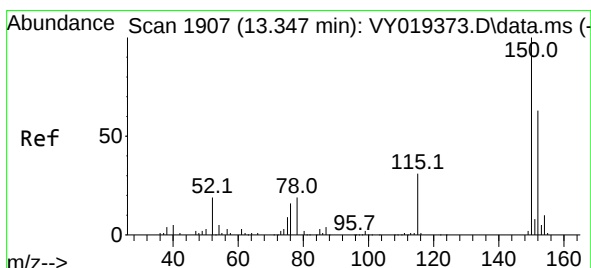
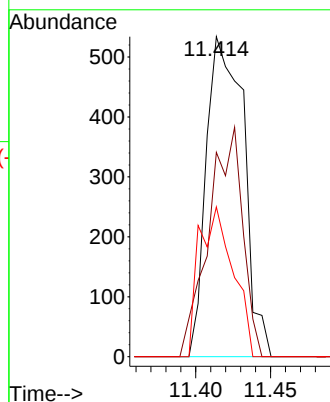
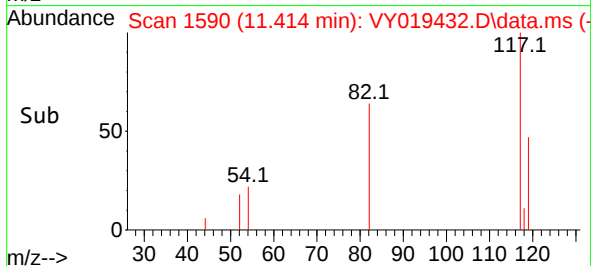


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

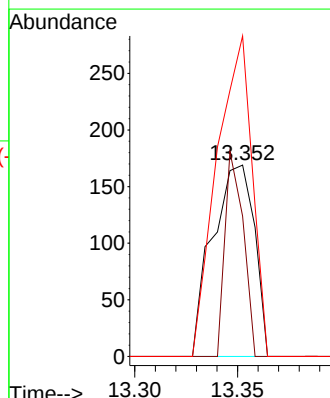
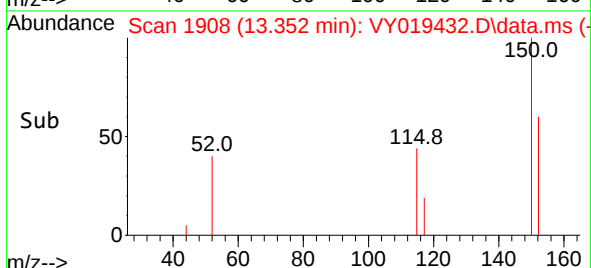
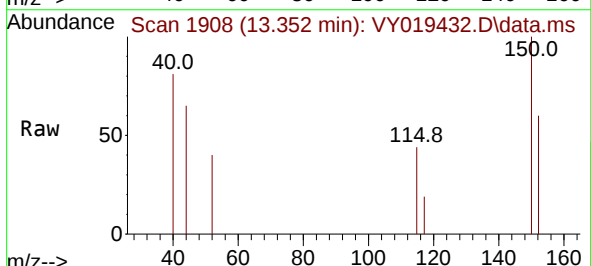


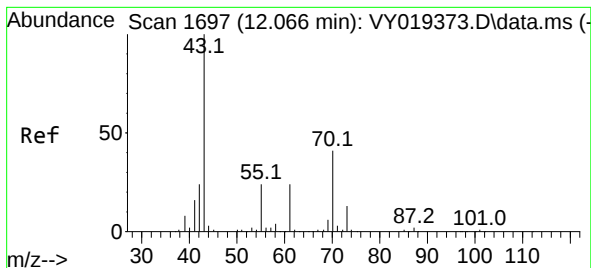
Tgt Ion:117 Resp: 923
Ion Ratio Lower Upper
117 100
82 63.9 42.4 63.6#
119 46.8 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Tgt Ion:152 Resp: 239
Ion Ratio Lower Upper
152 100
115 46.9 28.2 84.7
150 141.4 0.0 345.6





#74

N-amy1 acetate

Concen: 5.458 ug/l

RT: 12.109 min Scan# 1

Delta R.T. 0.042 min

Lab File: VY019432.D

Acq: 03 Sep 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 20

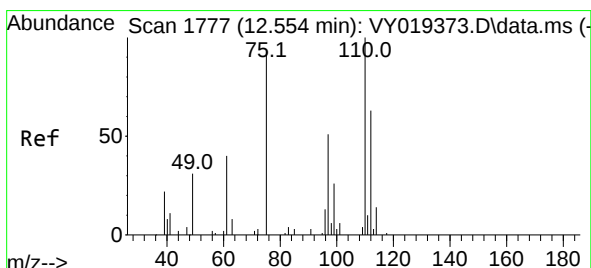
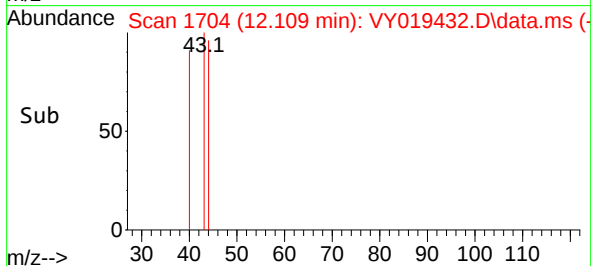
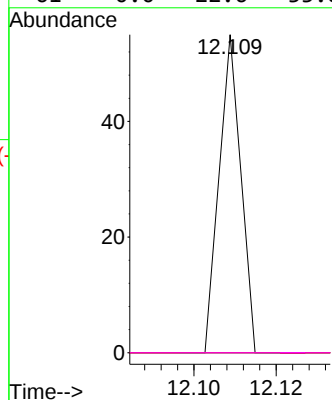
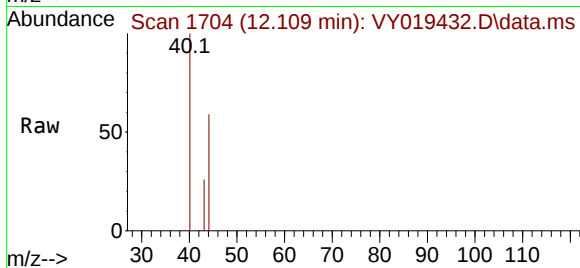
Ion Ratio Lower Upper

43 100

70 0.0 41.4 62.2#

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#



#76

1,2,3-Trichloropropane

Concen: 9.052 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.140 min

Lab File: VY019432.D

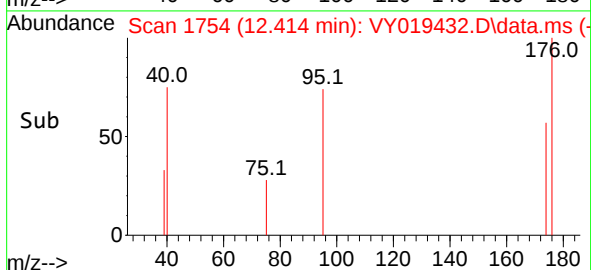
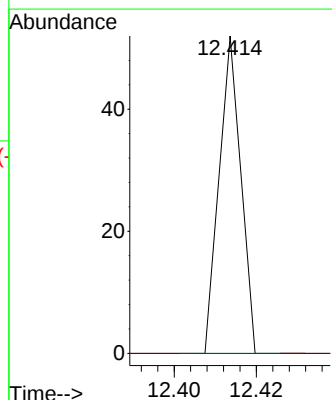
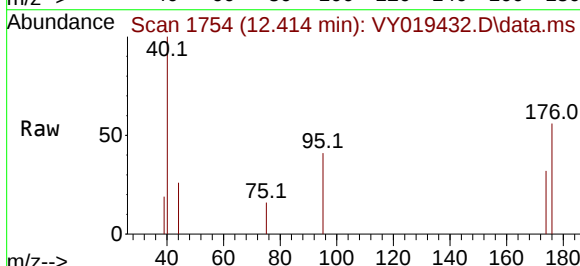
Acq: 03 Sep 2024 16:24

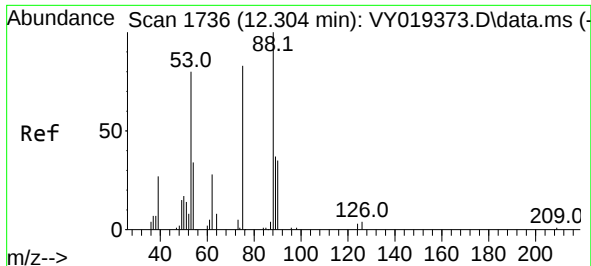
Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

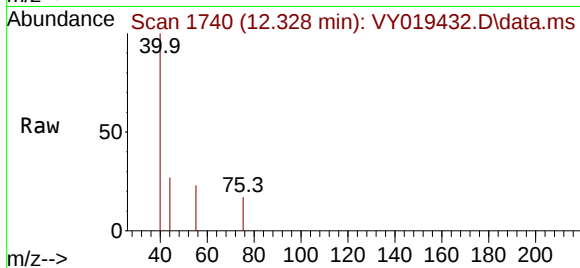
77 0.0 0.0 0.0



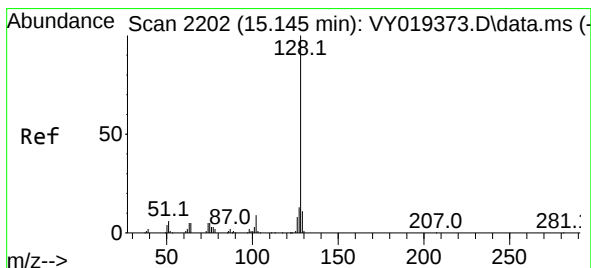
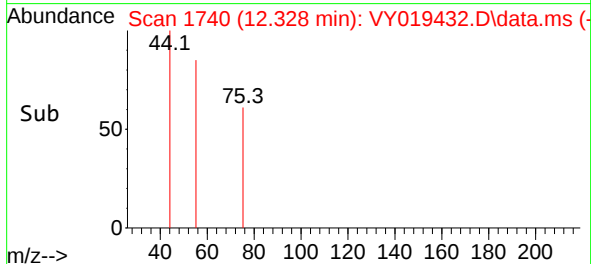
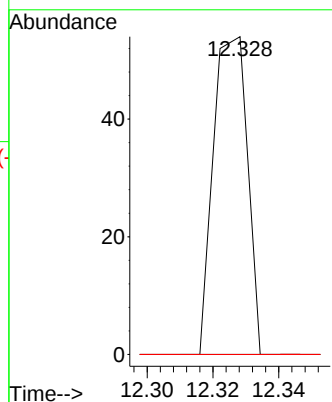


#81
trans-1,4-Dichloro-2-butene
Concen: 45.971 ug/l
RT: 12.328 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 39
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 28.695 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Tgt Ion: 128 Resp: 176
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

