

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019362.D
 Acq On : 29 Aug 2024 06:42
 Operator : SY/MD
 Sample : P3745-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 07:03:03 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)

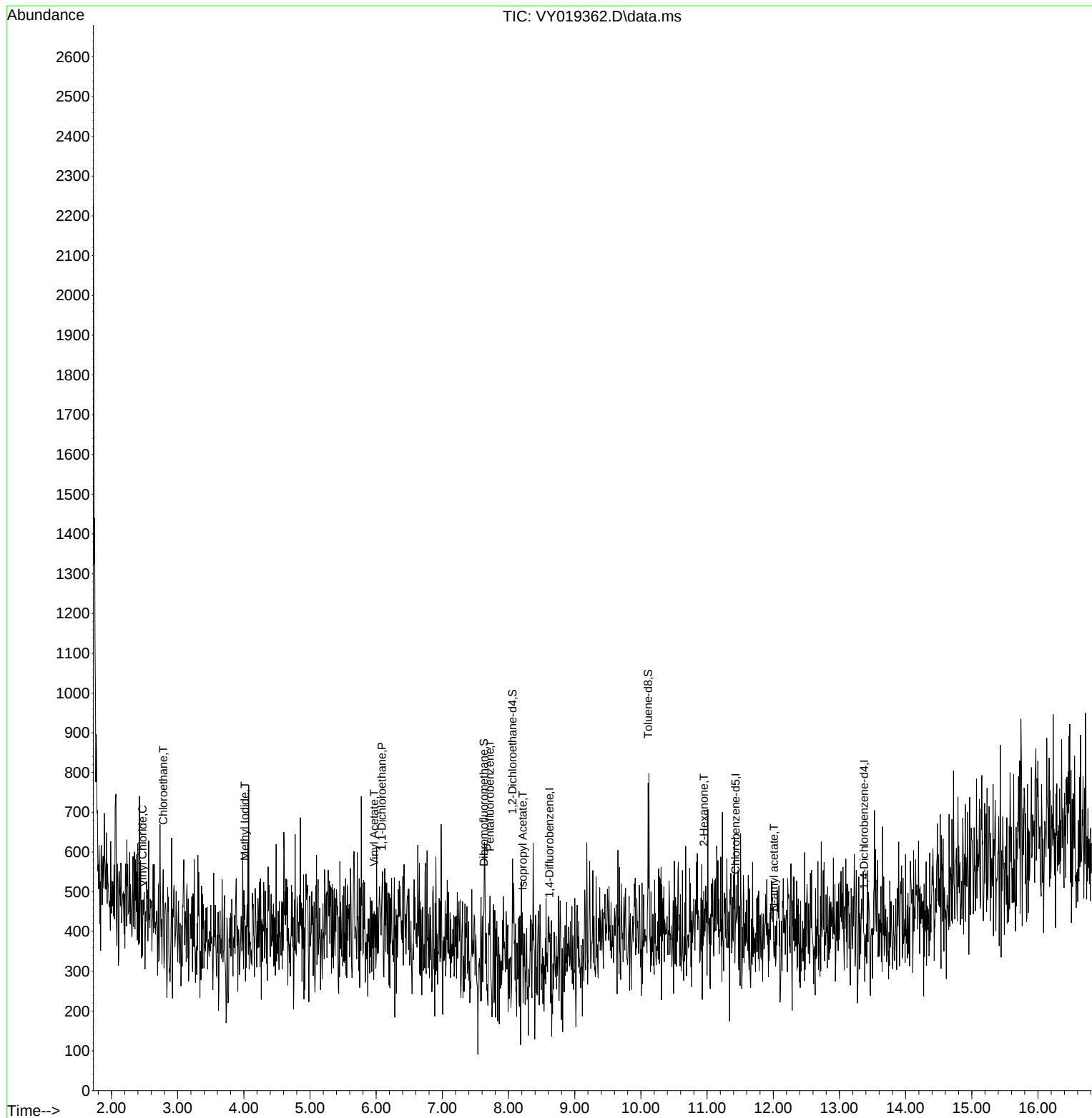
Internal Standards						
1) Pentafluorobenzene	7.719	168	154	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.616	114	277	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	18	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.371	152	20	50.000	ug/l	# 0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108	69.960	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.920%	
35) Dibromofluoromethane	7.628	113	135	74.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 149.080%#	
50) Toluene-d8	10.109	98	179	27.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 54.920%#	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	= 0.000%#	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.470	62	18	7.155	ug/l	# 42
6) Chloroethane	2.781	64	20	11.483	ug/l	# 42
10) Methyl Iodide	4.013	142	22	13.275	ug/l	# 42
23) Vinyl Acetate	5.970	43	23	6.213	ug/l	# 67
24) 1,1-Dichloroethane	6.086	63	20	6.995	ug/l	# 80
43) Isopropyl Acetate	8.213	43	21	9.423	ug/l	# 47
59) 2-Hexanone	10.951	43	21	25.843	ug/l	# 19
74) N-amyl acetate	12.011	43	27	80.775	ug/l	# 37

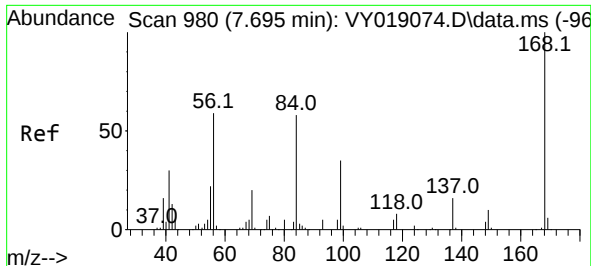
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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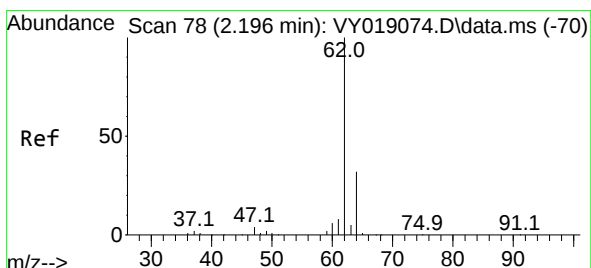
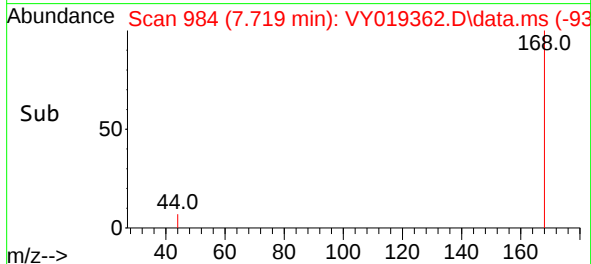
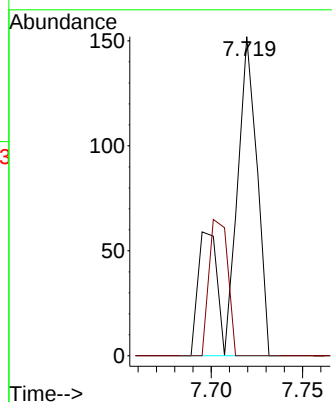
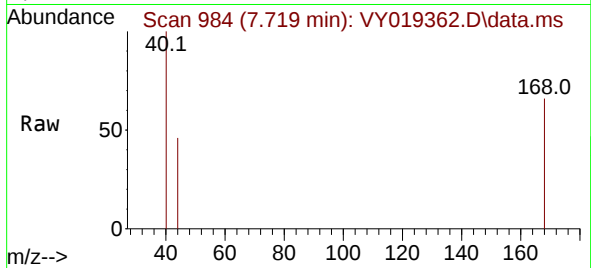




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

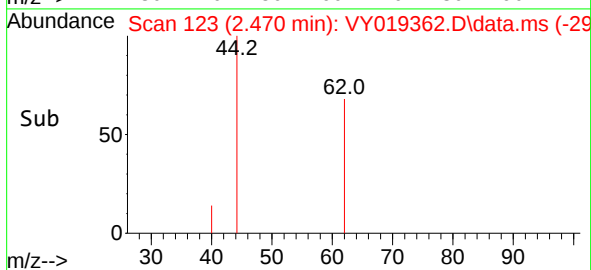
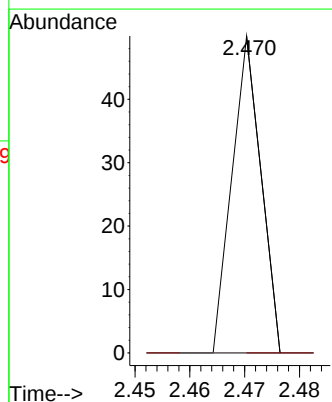
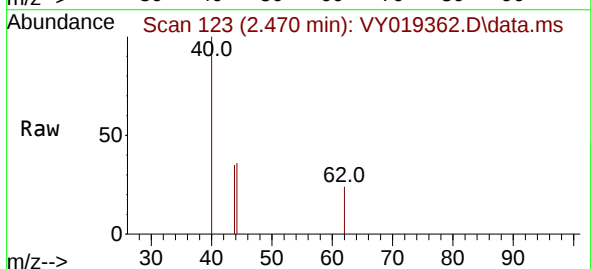
Instrument :
MSVOA_Y
ClientSampleId :

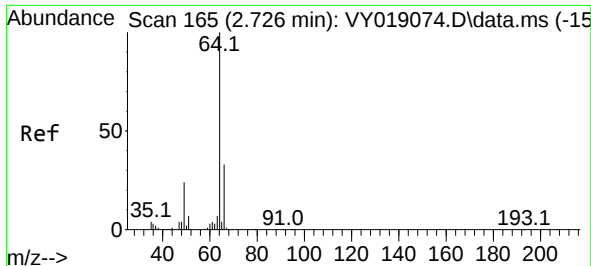
Tgt Ion:168 Resp: 154
Ion Ratio Lower Upper
168 100
99 0.0 39.1 58.7#



#4
Vinyl Chloride
Concen: 7.155 ug/l
RT: 2.470 min Scan# 123
Delta R.T. 0.275 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

Tgt Ion: 62 Resp: 18
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#

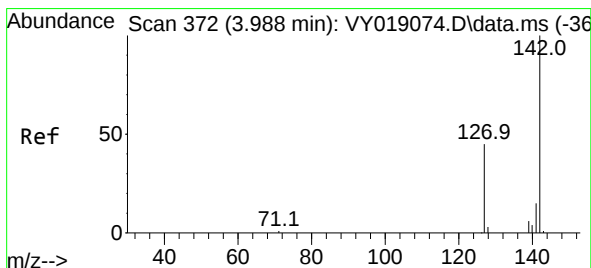
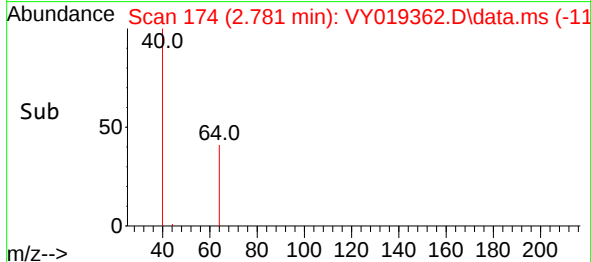
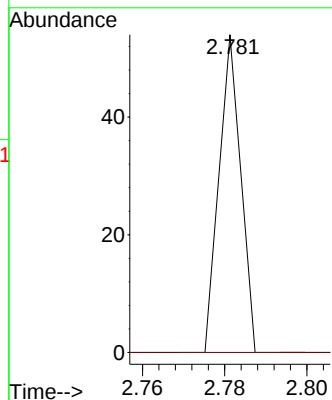
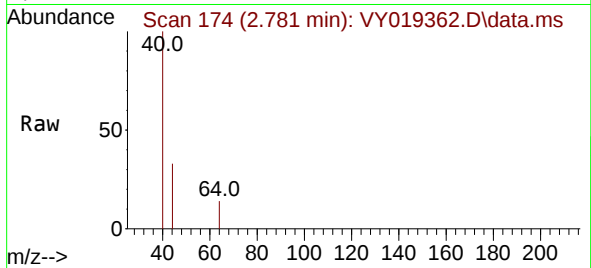




#6
Chloroethane
Concen: 11.483 ug/l
RT: 2.781 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

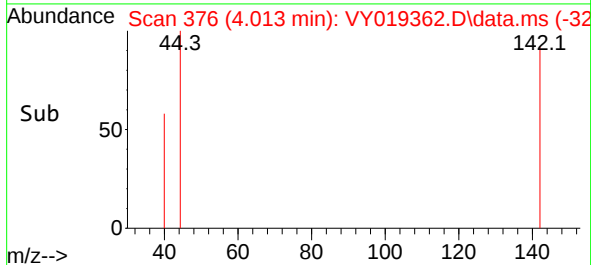
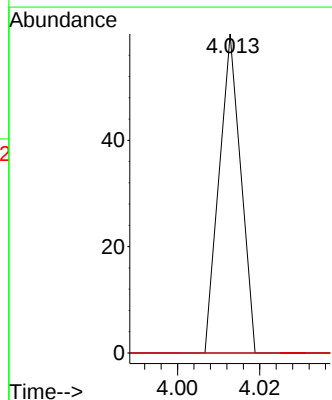
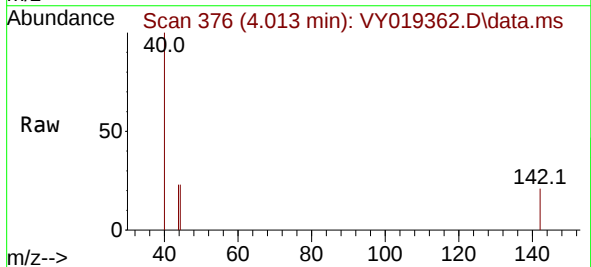
Instrument :
MSVOA_Y
ClientSampleId :

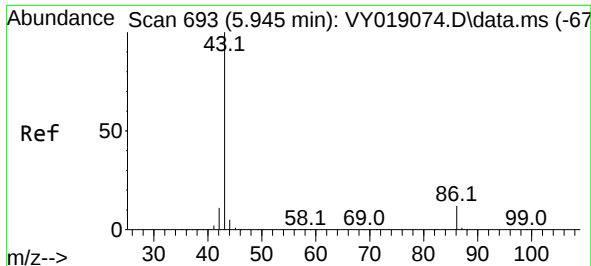
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#10
Methyl Iodide
Concen: 13.275 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#

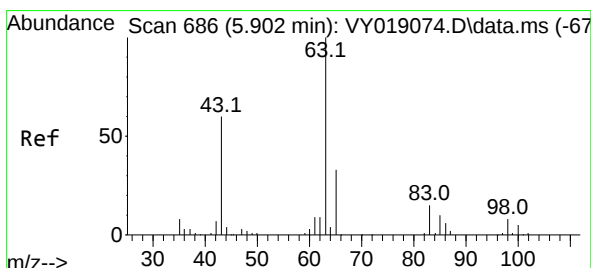
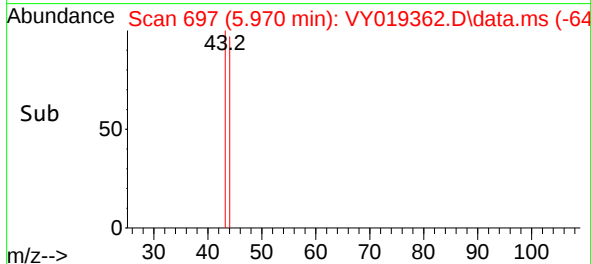
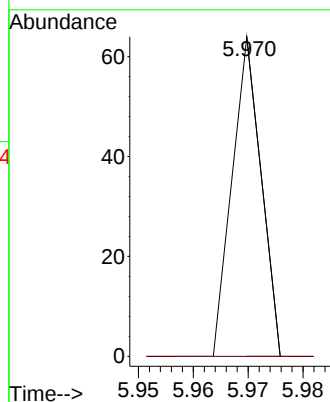
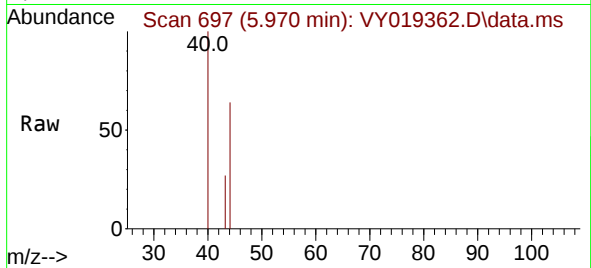




#23
 Vinyl Acetate
 Concen: 6.213 ug/l
 RT: 5.970 min Scan# 693
 Delta R.T. 0.025 min
 Lab File: VY019362.D
 Acq: 29 Aug 2024 06:42

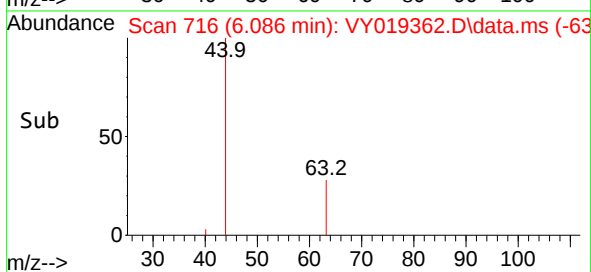
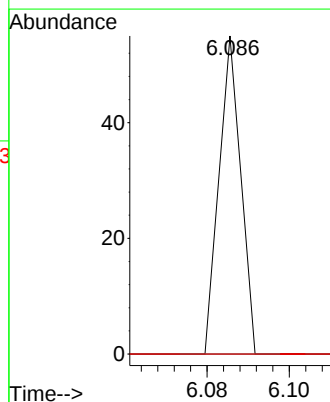
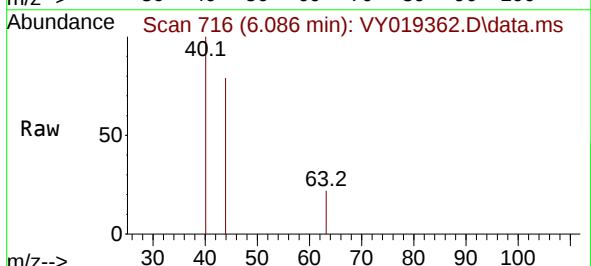
Instrument :
 MSVOA_Y
 ClientSampleId :

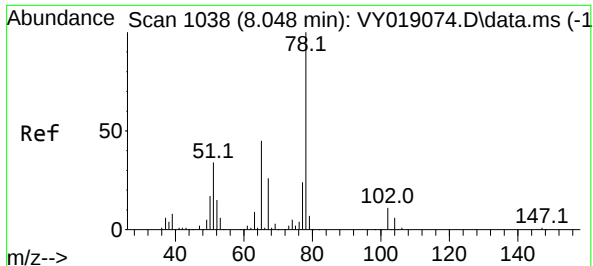
Tgt Ion: 43 Resp: 23
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 6.995 ug/l
 RT: 6.086 min Scan# 716
 Delta R.T. 0.183 min
 Lab File: VY019362.D
 Acq: 29 Aug 2024 06:42

Tgt Ion: 63 Resp: 20
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.0 12.2#
 100 0.0 2.6 8.0#





#33

1,2-Dichloroethane-d4

Concen: 69.960 ug/l

RT: 8.061 min Scan# 1108

Delta R.T. 0.012 min

Lab File: VY019362.D

Acq: 29 Aug 2024 06:42

Instrument :

MSVOA_Y

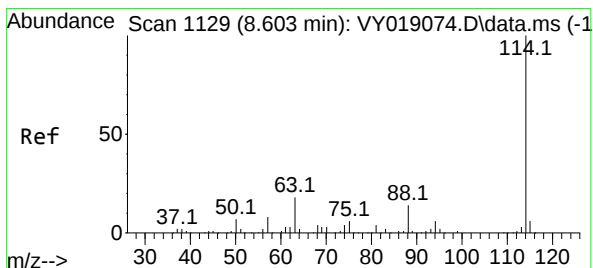
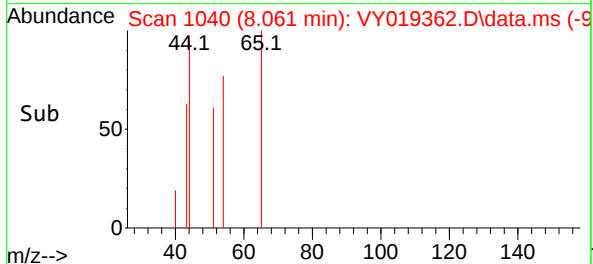
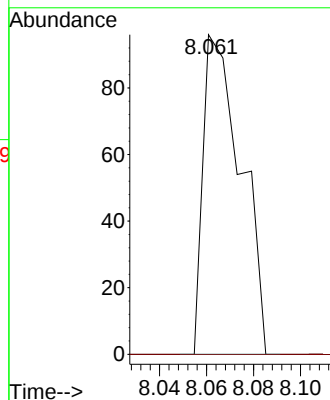
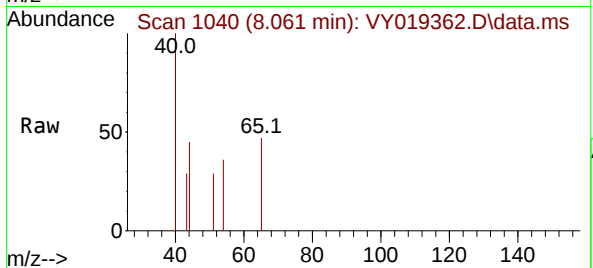
ClientSampleId :

Tgt Ion: 65 Resp: 108

Ion Ratio Lower Upper

65 100

67 0.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY019362.D

Acq: 29 Aug 2024 06:42

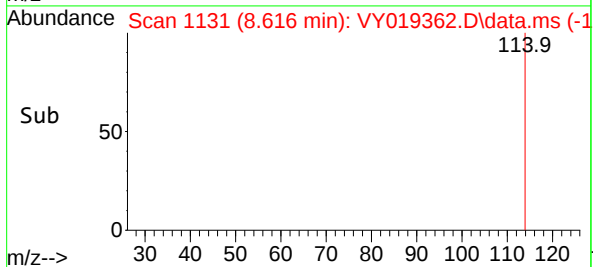
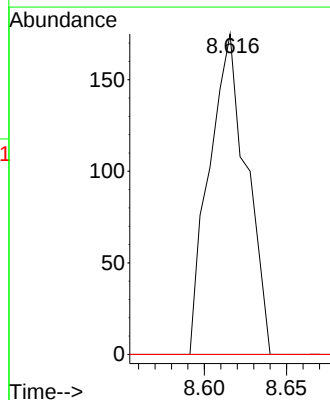
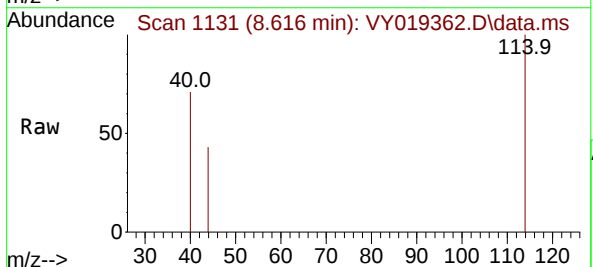
Tgt Ion: 114 Resp: 277

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.0

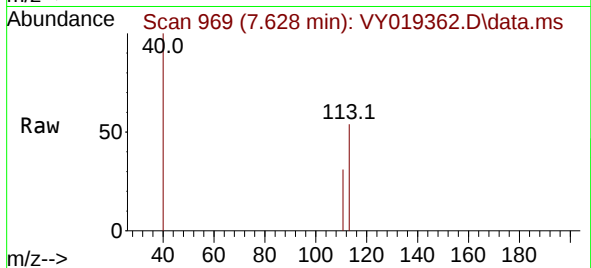
88 0.0 0.0 27.2



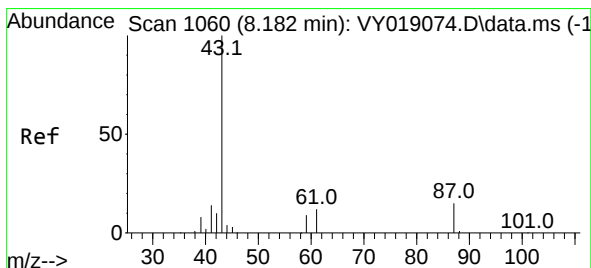
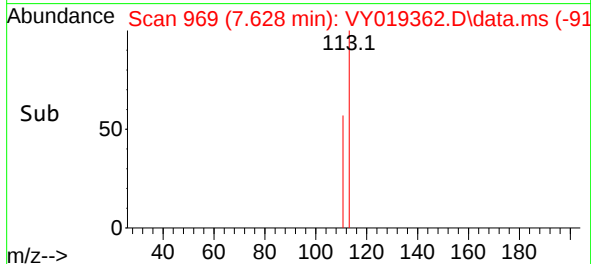
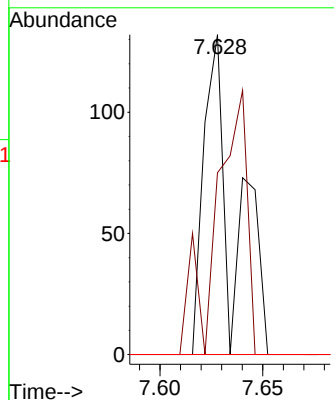


#35
 Dibromofluoromethane
 Concen: 74.537 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY019362.D
 Acq: 29 Aug 2024 06:42

Instrument :
 MSVOA_Y
 ClientSampleId :

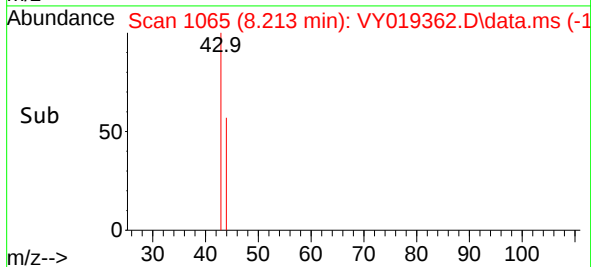
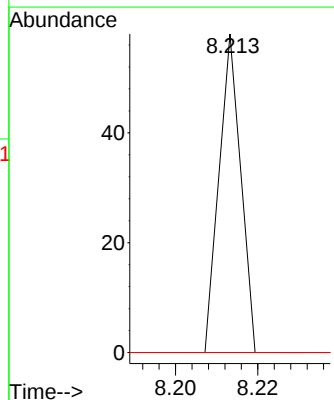
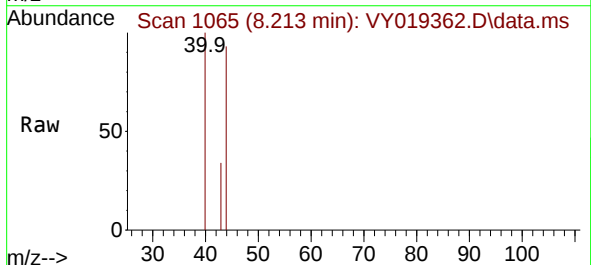


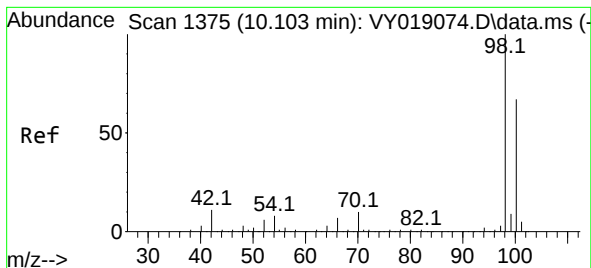
Tgt Ion:113 Resp: 135
 Ion Ratio Lower Upper
 113 100
 111 85.9 82.2 123.4
 192 0.0 15.9 23.9#



#43
 Isopropyl Acetate
 Concen: 9.423 ug/l
 RT: 8.213 min Scan# 1065
 Delta R.T. 0.031 min
 Lab File: VY019362.D
 Acq: 29 Aug 2024 06:42

Tgt Ion: 43 Resp: 21
 Ion Ratio Lower Upper
 43 100
 61 0.0 27.9 41.9#
 87 0.0 13.1 19.7#

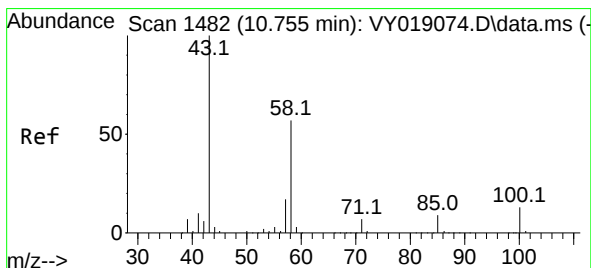
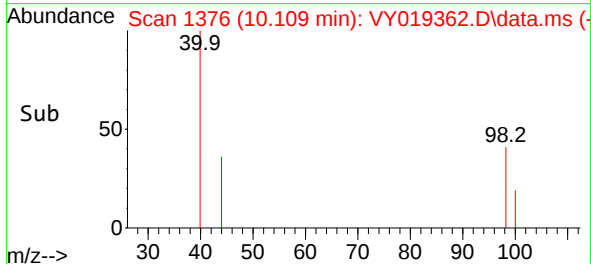
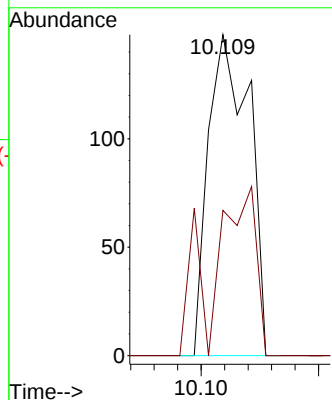
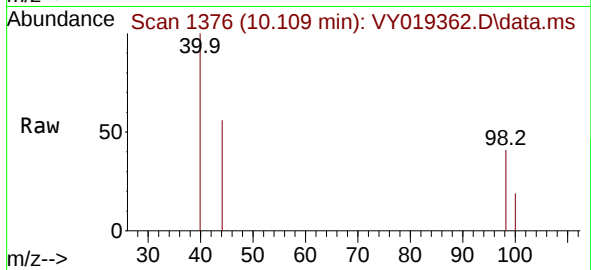




#50
Toluene-d8
Concen: 27.463 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

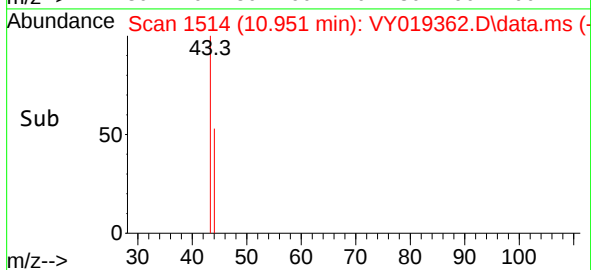
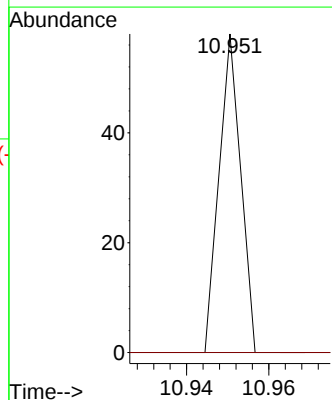
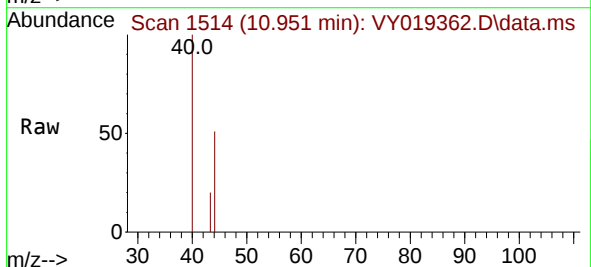
Instrument :
MSVOA_Y
ClientSampleId :

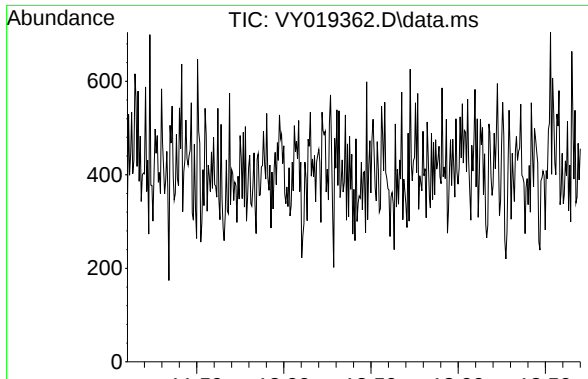
Tgt Ion: 98 Resp: 179
Ion Ratio Lower Upper
98 100
100 55.9 52.0 78.0



#59
2-Hexanone
Concen: 25.843 ug/l
RT: 10.951 min Scan# 1514
Delta R.T. 0.195 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#



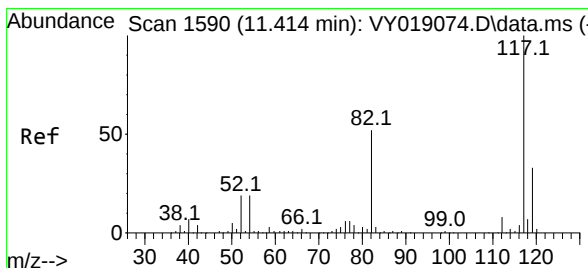
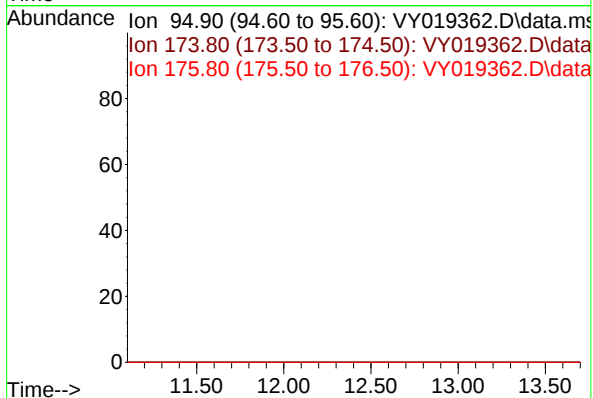


#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.40 min
 Lab File: VY019362.D
 Acq: 29 Aug 2024 06:42

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 95

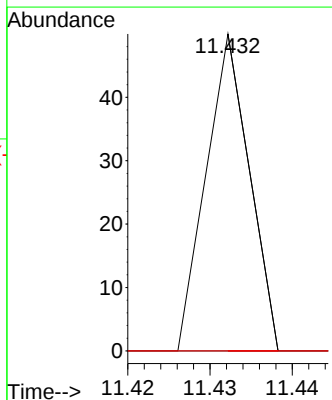
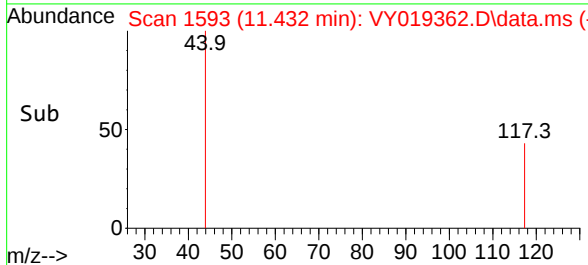
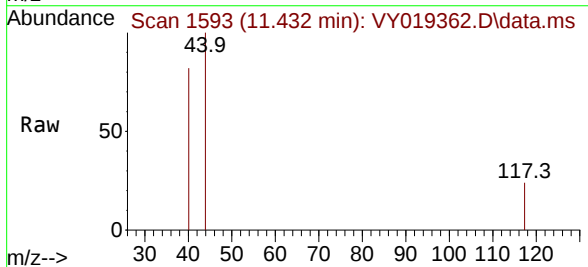
Sig	Exp Ratio
95	100
174	87.8
176	85.7

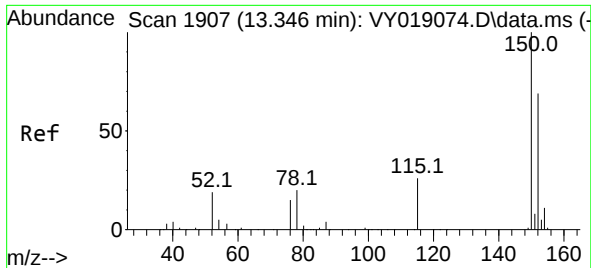


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.432 min Scan# 1593
 Delta R.T. 0.019 min
 Lab File: VY019362.D
 Acq: 29 Aug 2024 06:42

Tgt Ion: 117 Resp: 18

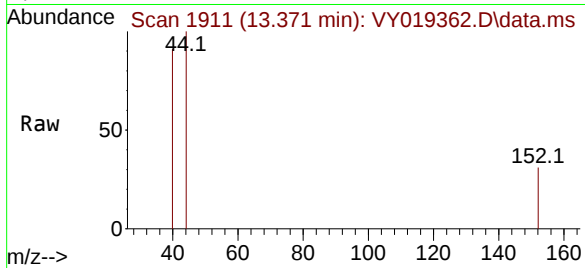
Ion	Ratio	Lower	Upper
117	100		
82	0.0	42.4	63.6#
119	0.0	25.9	38.9#



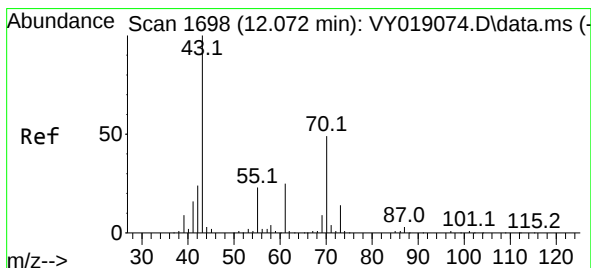
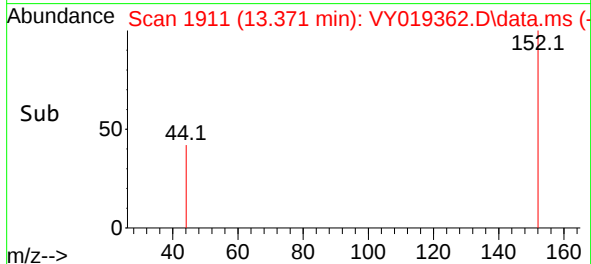
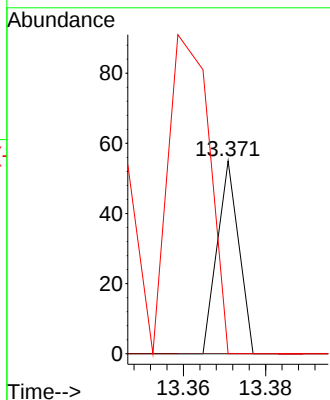


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.371 min Scan# 1907
Delta R.T. 0.025 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:152 Resp: 20
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 415.0 0.0 345.6#



#74
N-ethyl acetate
Concen: 80.775 ug/l
RT: 12.011 min Scan# 1698
Delta R.T. -0.061 min
Lab File: VY019362.D
Acq: 29 Aug 2024 06:42

Tgt Ion: 43 Resp: 27
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#

