

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019759.D
 Acq On : 02 Oct 2024 13:03
 Operator : SY/MD
 Sample : P4225-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:59:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	4292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	8345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	5997	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	843	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3507	88.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 176.480%#	
35) Dibromofluoromethane	7.628	113	2969	62.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.500%	
50) Toluene-d8	10.109	98	8879	50.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.408	95	1379	20.493	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 40.980%	

Target Compounds				Qvalue		
3) Chloromethane	2.074	50	188	5.294	ug/l #	43
5) Bromomethane	2.617	94	280	11.871	ug/l	99
10) Methyl Iodide	4.013	142	386	7.604	ug/l #	82
13) Acrolein	3.519	56	43	14.321	ug/l #	15
14) Allyl chloride	4.360	41	101	1.479	ug/l #	3
15) Acrylonitrile	5.080	53	29	3.130	ug/l #	79
16) Acetone	3.860	43	904	95.478	ug/l	96
18) Methyl Acetate	4.373	43	54	2.102	ug/l #	46
20) Methylene Chloride	4.604	84	196	4.539	ug/l #	8
21) trans-1,2-Dichloroethene	5.061	96	44	1.054	ug/l #	1
23) Vinyl Acetate	5.945	43	103	1.286	ug/l #	67
25) 2-Butanone	6.884	43	100	7.426	ug/l #	41
27) cis-1,2-Dichloroethene	6.903	96	58	1.144	ug/l #	72
29) Tetrahydrofuran	7.287	42	89	10.870	ug/l #	26
31) Cyclohexane	7.701	56	150	2.109	ug/l #	46
36) 1,1-Dichloropropene	7.701	75	489	7.595	ug/l #	40
37) Ethyl Acetate	7.000	43	53	1.607	ug/l #	67
38) Carbon Tetrachloride	7.713	117	447	6.157	ug/l #	13
41) Methacrylonitrile	7.213	41	23	1.196	ug/l #	1
43) Isopropyl Acetate	8.177	43	140	2.020	ug/l #	47
48) Methyl methacrylate	9.238	41	126	3.850	ug/l #	19
51) 4-Methyl-2-Pentanone	10.006	43	282	8.088	ug/l #	45
59) 2-Hexanone	10.768	43	262	10.250	ug/l #	19
64) Tetrachloroethene	10.652	164	109	2.935	ug/l #	17
65) Chlorobenzene	11.438	112	174	1.475	ug/l #	42
67) Ethyl Benzene	11.524	91	302	1.441	ug/l #	44
68) m/p-Xylenes	11.633	106	196	2.473	ug/l #	35
69) o-Xylene	11.950	106	95	1.226	ug/l #	17
73) Isopropylbenzene	12.255	105	275	4.497	ug/l #	48
74) N-amyl acetate	12.066	43	194	11.664	ug/l #	42
76) 1,2,3-Trichloropropane	12.542	75	50	6.328	ug/l #	100
78) n-propylbenzene	12.609	91	290	4.001	ug/l	87
79) 2-Chlorotoluene	12.676	91	241	5.705	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.737	105	198	3.982	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.402	75	743	180.519	ug/l #	16
82) 4-Chlorotoluene	12.780	91	248	5.710	ug/l #	39

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Quant Time: Oct 03 01:59:59 2024
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

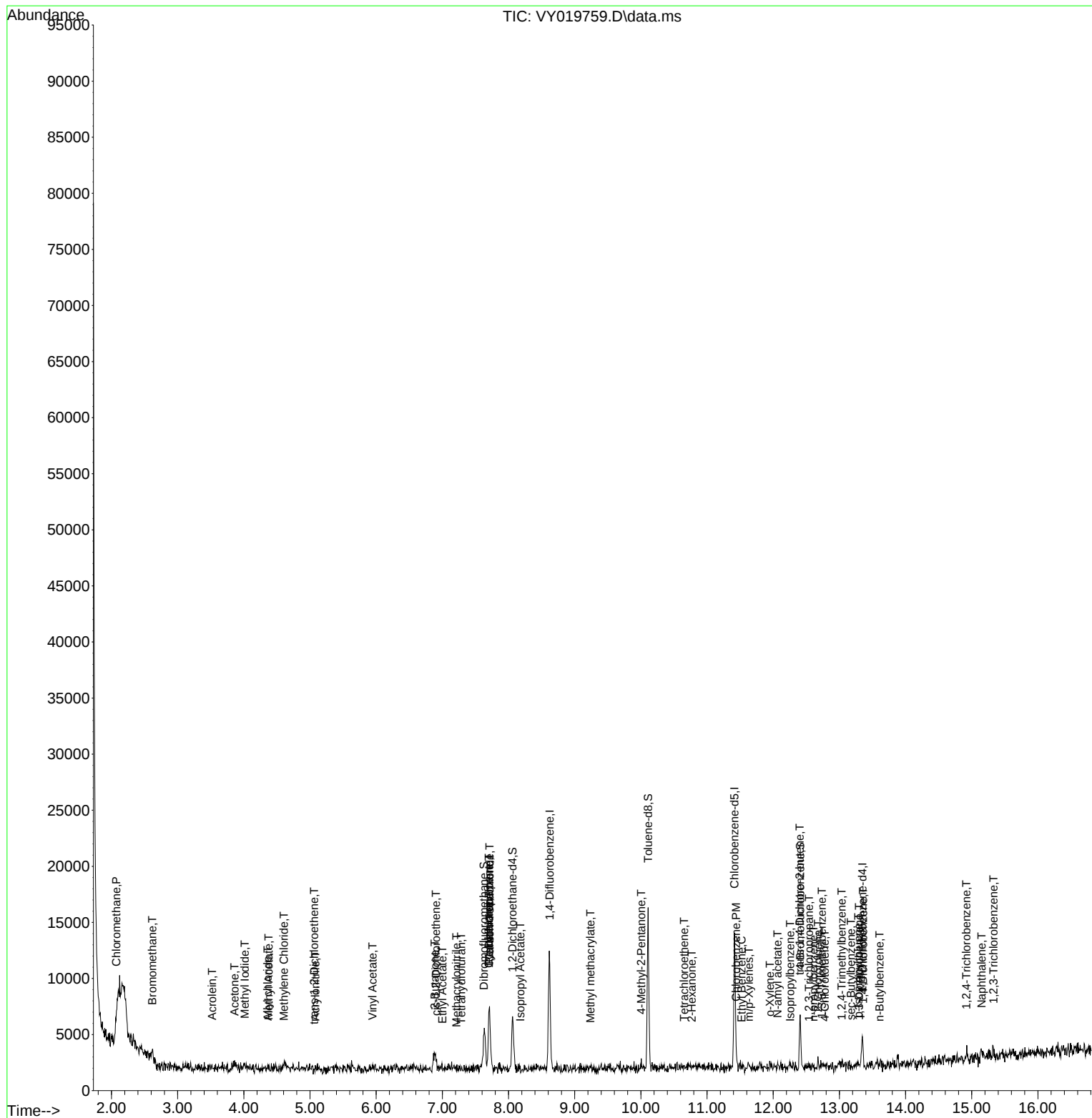
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.036	105	194	3.942	ug/l #	63
85) sec-Butylbenzene	13.176	105	223	3.410	ug/l #	56
86) p-Isopropyltoluene	13.286	119	239	4.468	ug/l #	51
87) 1,3-Dichlorobenzene	13.298	146	140	5.312	ug/l #	25
88) 1,4-Dichlorobenzene	13.359	146	80	3.059	ug/l #	37
89) n-Butylbenzene	13.609	91	143	2.796	ug/l #	47
93) 1,2,4-Trichlorobenzene	14.919	180	93	6.501	ug/l #	1
95) Naphthalene	15.151	128	1088	37.981	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.328	180	260	21.249	ug/l #	35

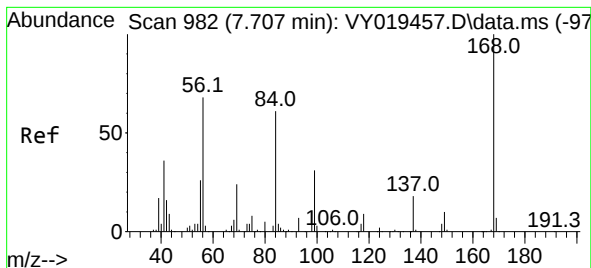
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Instrument :

MSVOA_Y

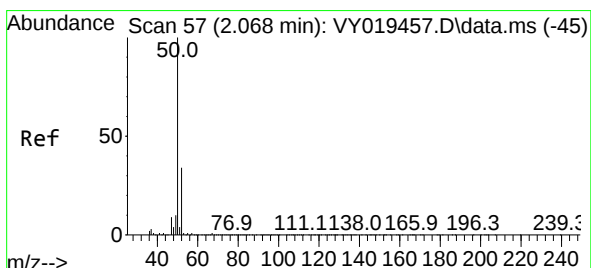
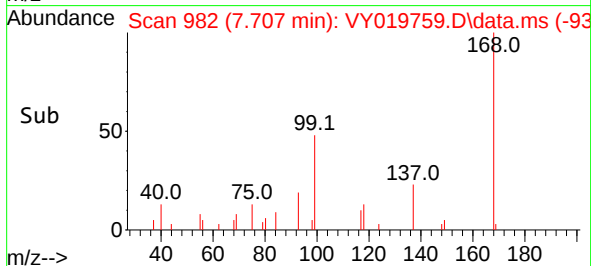
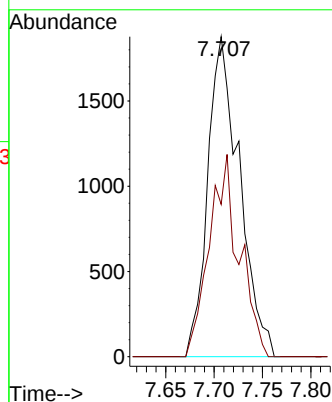
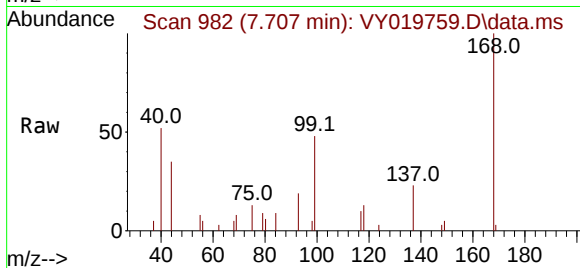
ClientSampleId :

Tgt Ion:168 Resp: 4292

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



#3

Chloromethane

Concen: 5.294 ug/l

RT: 2.074 min Scan# 58

Delta R.T. 0.006 min

Lab File: VY019759.D

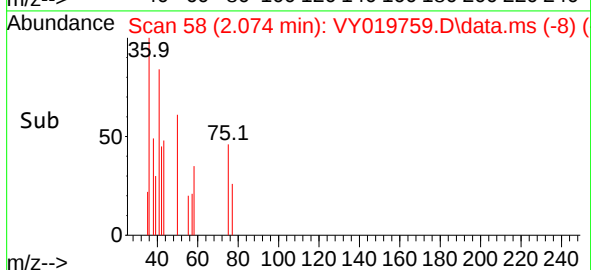
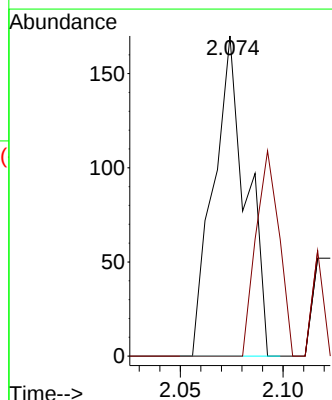
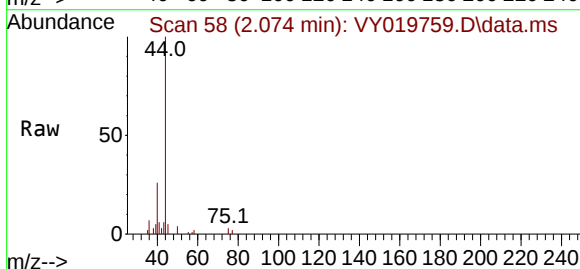
Acq: 02 Oct 2024 13:03

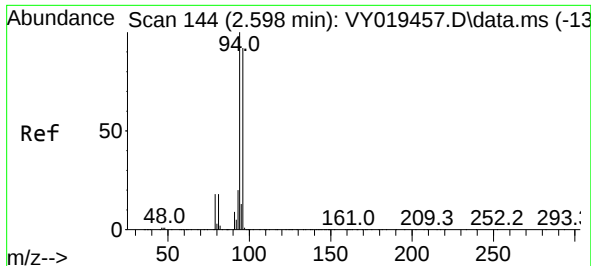
Tgt Ion: 50 Resp: 188

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#

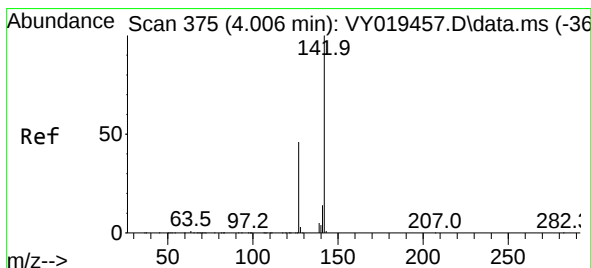
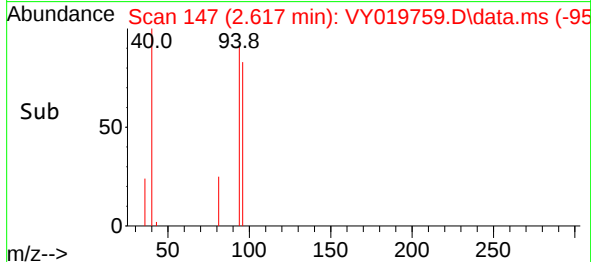
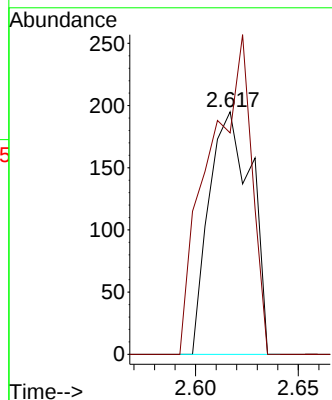
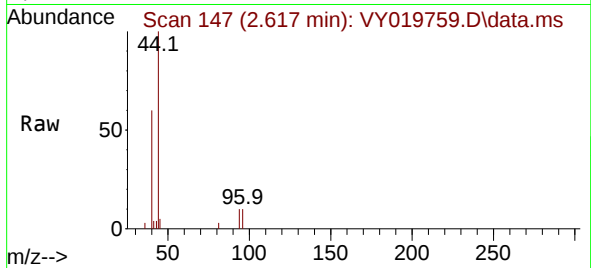




#5
Bromomethane
Concen: 11.871 ug/l
RT: 2.617 min Scan# 144
Delta R.T. 0.019 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

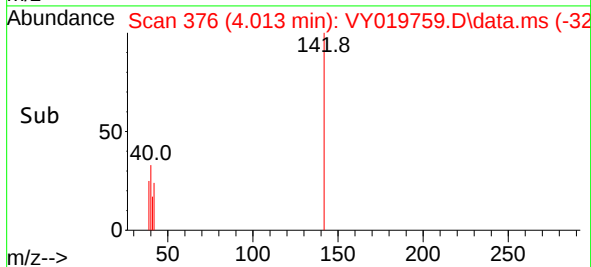
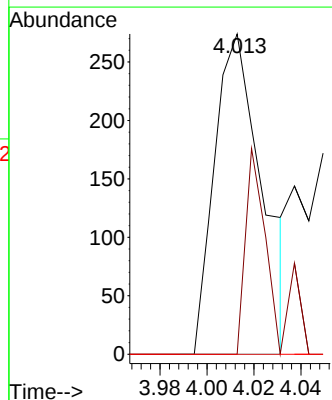
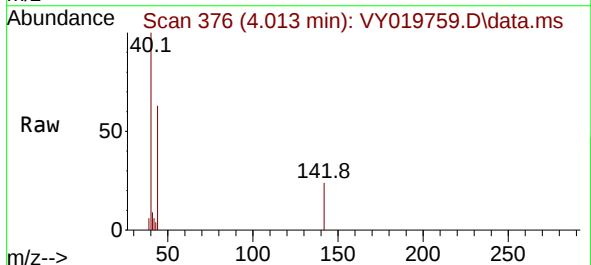
Instrument :
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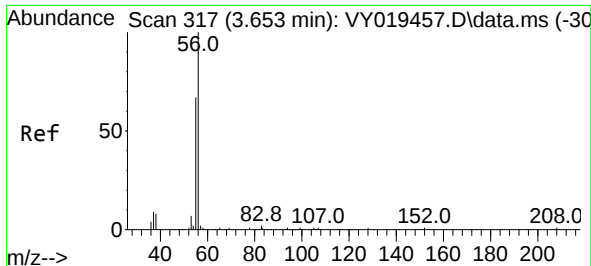
Tgt Ion: 94 Resp: 280
Ion Ratio Lower Upper
94 100
96 91.3 74.1 111.1



#10
Methyl Iodide
Concen: 7.604 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

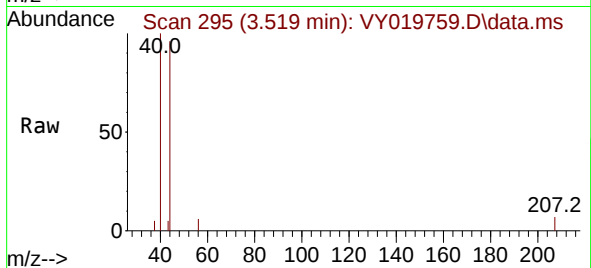
Tgt Ion: 142 Resp: 386
Ion Ratio Lower Upper
142 100
127 33.7 32.8 49.2
141 0.0 11.4 17.2#



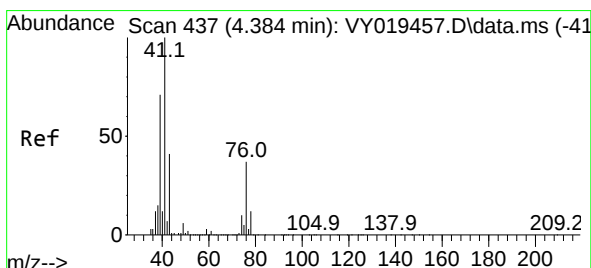
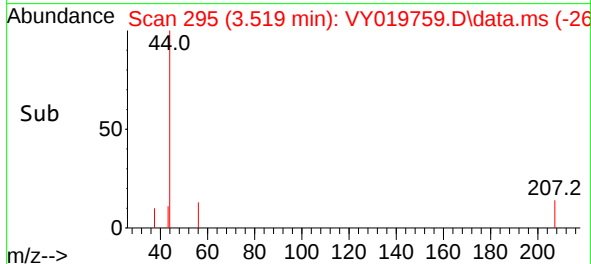
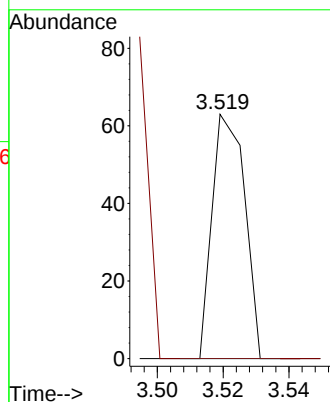


#13
Acrolein
Concen: 14.321 ug/l
RT: 3.519 min Scan# 24
Delta R.T. -0.134 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :

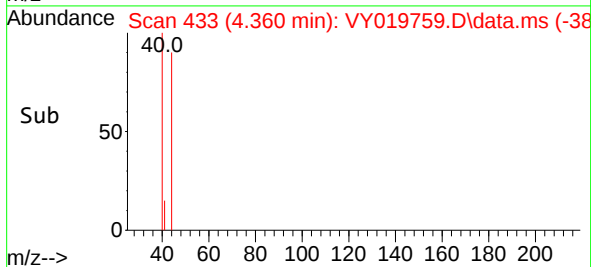
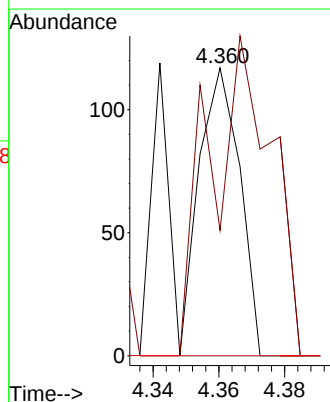
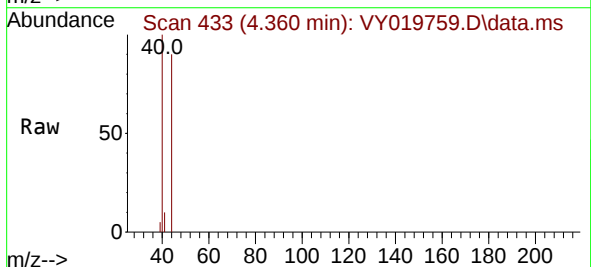


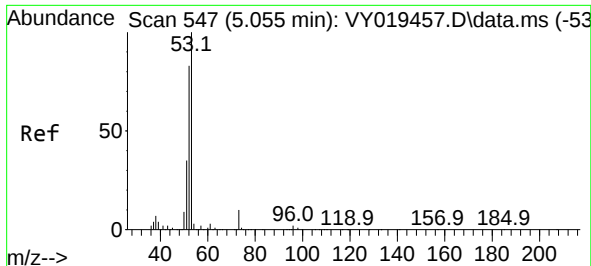
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#14
Allyl chloride
Concen: 1.479 ug/l
RT: 4.360 min Scan# 433
Delta R.T. -0.024 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion: 41 Resp: 101
Ion Ratio Lower Upper
41 100
39 168.3 58.3 87.5#
76 0.0 39.0 58.6#

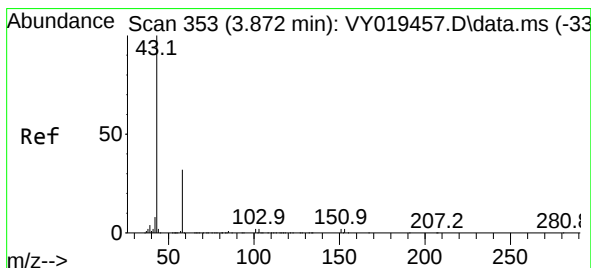
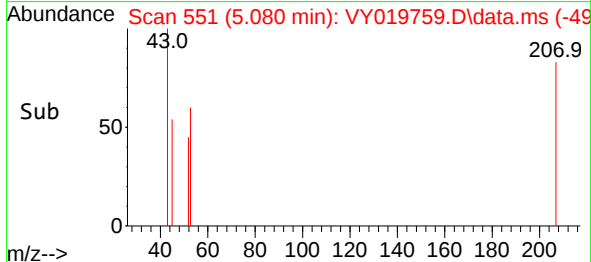
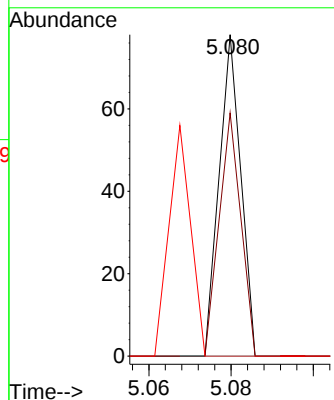
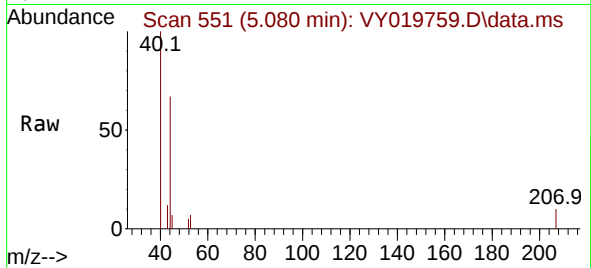




#15
Acrylonitrile
Concen: 3.130 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

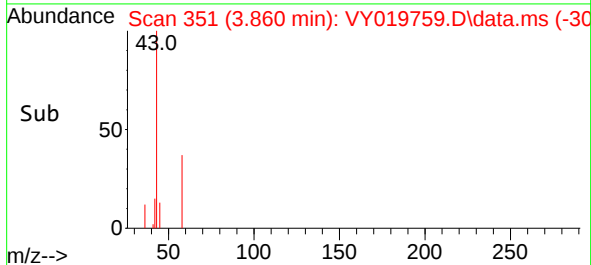
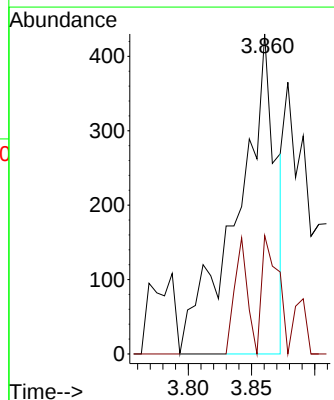
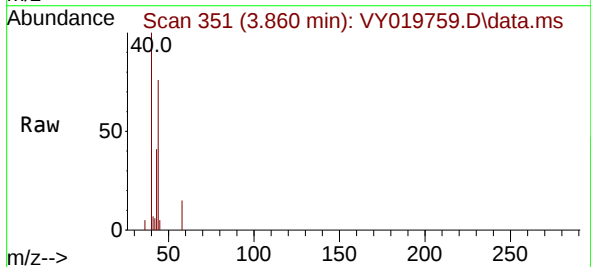
Instrument :
MSVOA_Y
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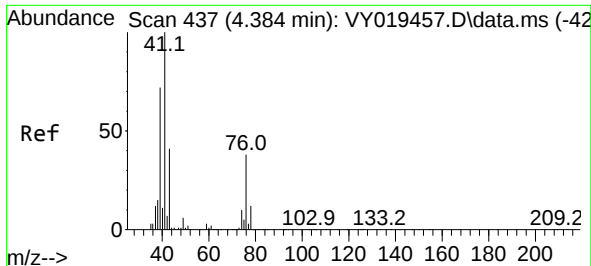
Tgt Ion: 53 Resp: 29
Ion Ratio Lower Upper
53 100
52 75.9 64.7 97.1
51 69.0 28.4 42.6#



#16
Acetone
Concen: 95.478 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 37.0 31.7 47.5

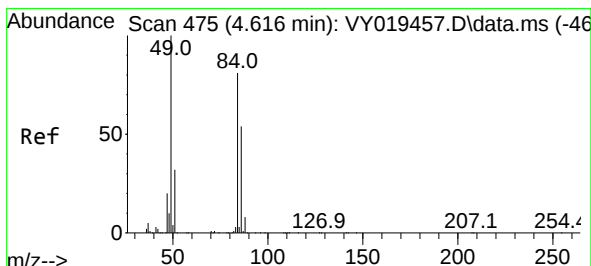
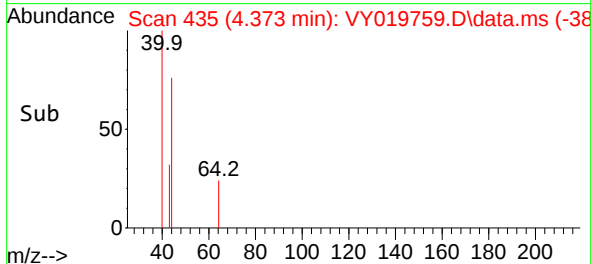
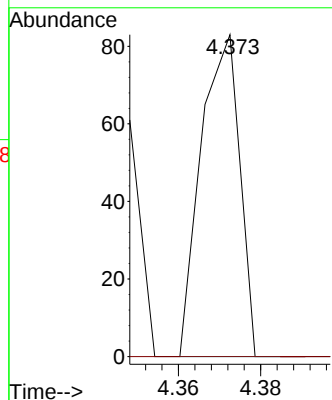
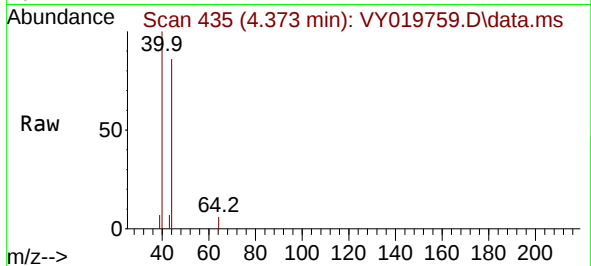




#18
Methyl Acetate
Concen: 2.102 ug/l
RT: 4.373 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

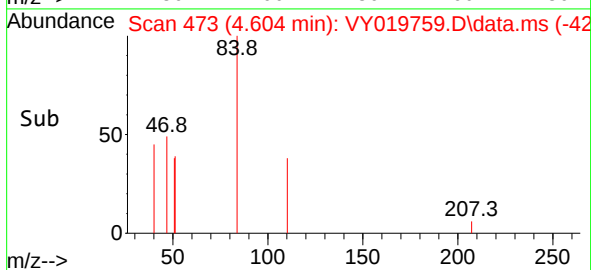
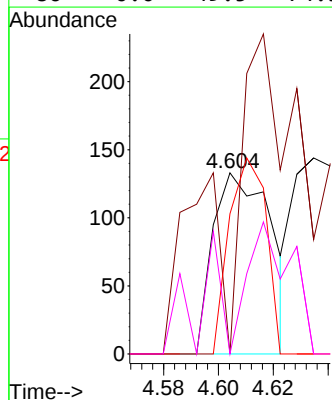
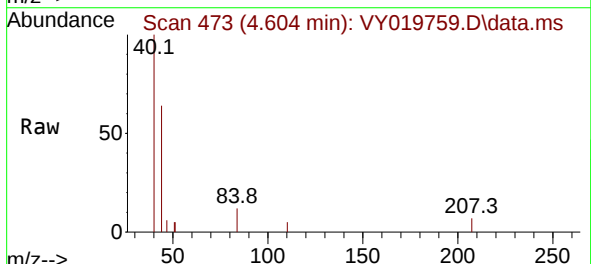
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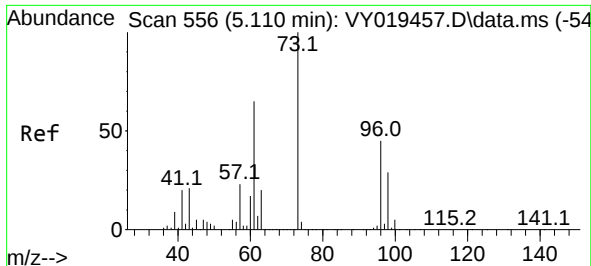
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 4.539 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

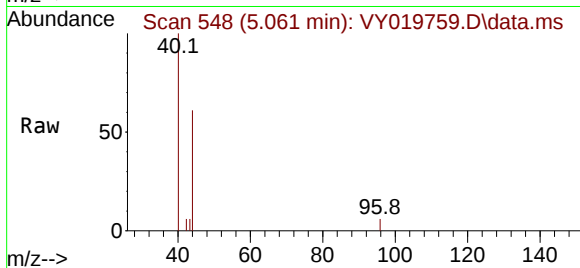
Tgt Ion: 84 Resp: 196
Ion Ratio Lower Upper
84 100
49 0.0 84.4 126.6#
51 77.4 26.0 39.0#
86 0.0 49.5 74.3#



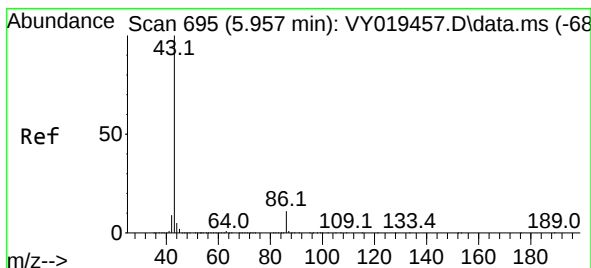
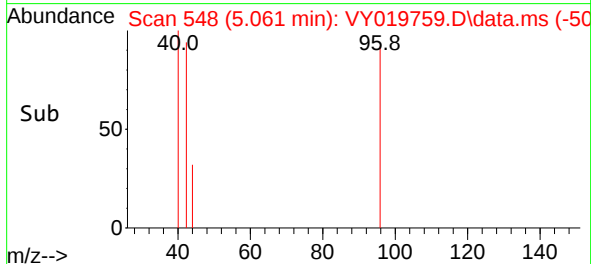
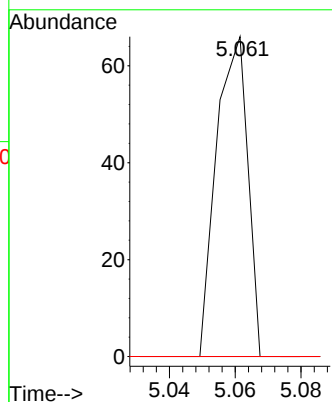


#21
trans-1,2-Dichloroethene
Concen: 1.054 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.048 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Instrument :
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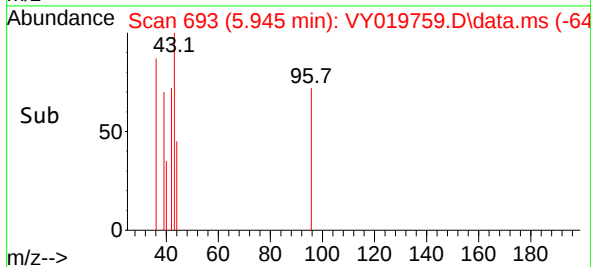
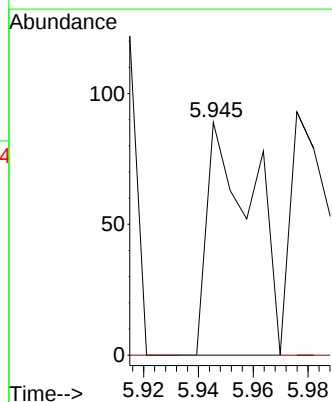
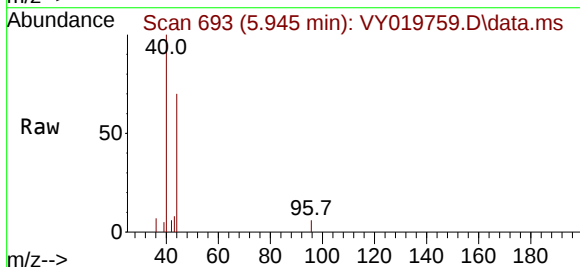


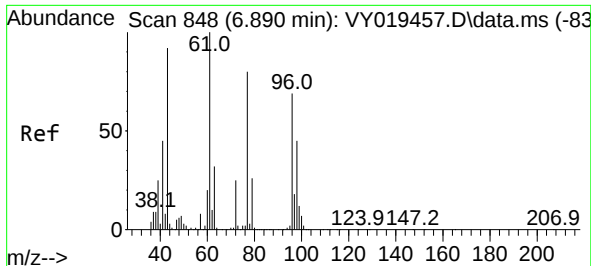
Tgt Ion: 96 Resp: 44
Ion Ratio Lower Upper
96 100
61 0.0 97.5 146.3#
98 0.0 50.5 75.7#



#23
Vinyl Acetate
Concen: 1.286 ug/l
RT: 5.945 min Scan# 693
Delta R.T. -0.012 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

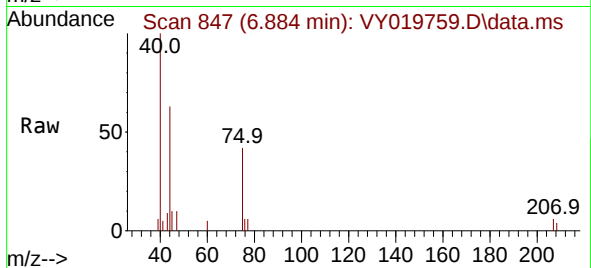
Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
86 0.0 10.6 16.0#



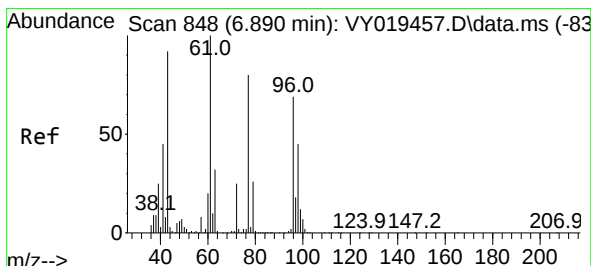
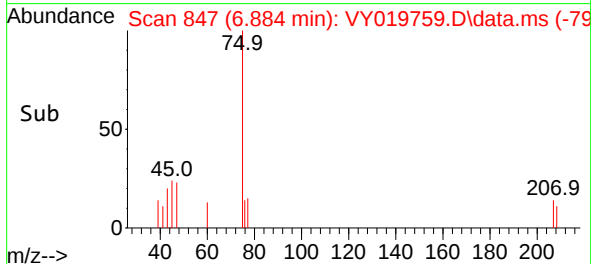
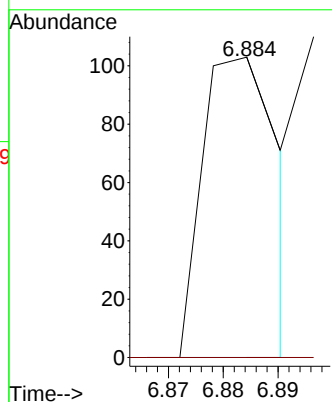


#25
2-Butanone
Concen: 7.426 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :

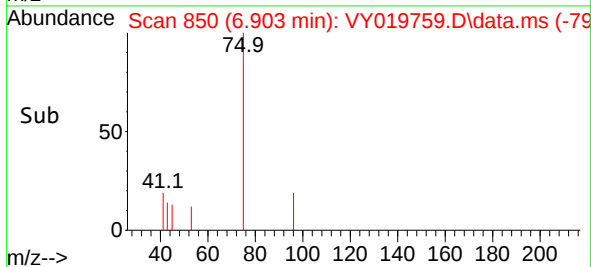
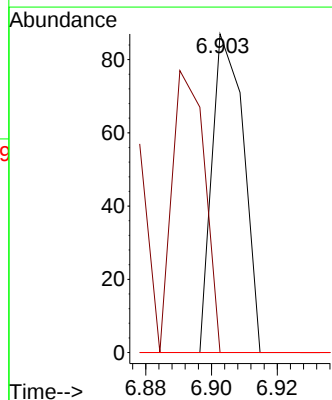
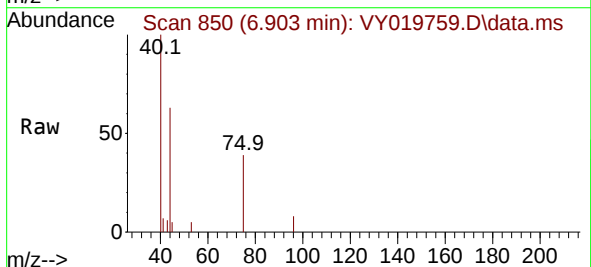


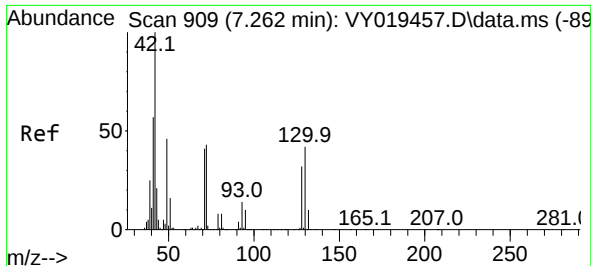
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#27
cis-1,2-Dichloroethene
Concen: 1.144 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion: 96 Resp: 58
Ion Ratio Lower Upper
96 100
61 127.6 0.0 256.2
98 0.0 0.0 130.0





#29

Tetrahydrofuran

Concen: 10.870 ug/l

RT: 7.287 min Scan# 91

Delta R.T. 0.025 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

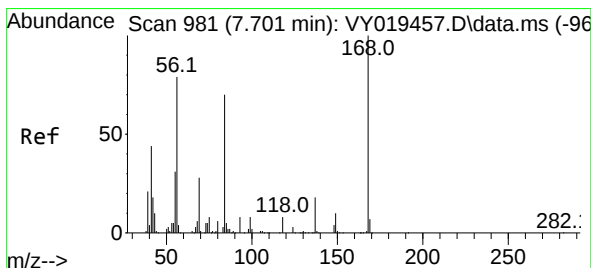
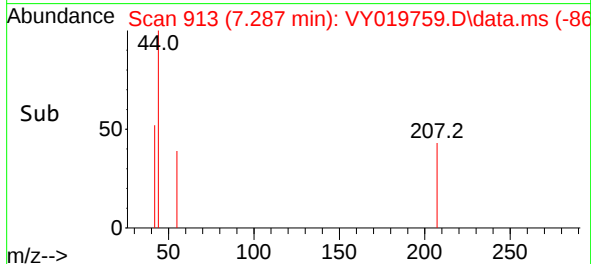
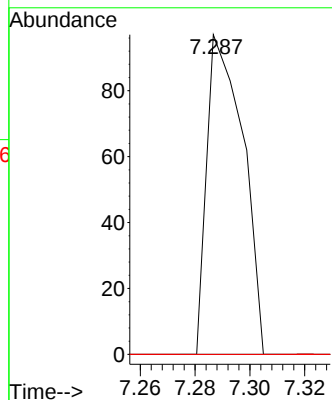
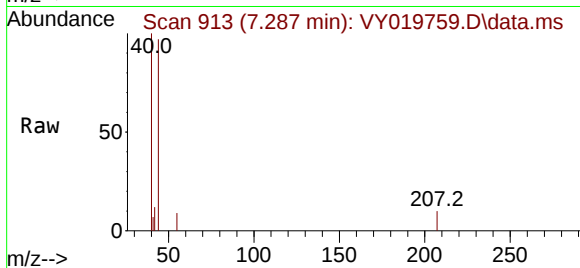
Tgt Ion: 42 Resp: 89

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#



#31

Cyclohexane

Concen: 2.109 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

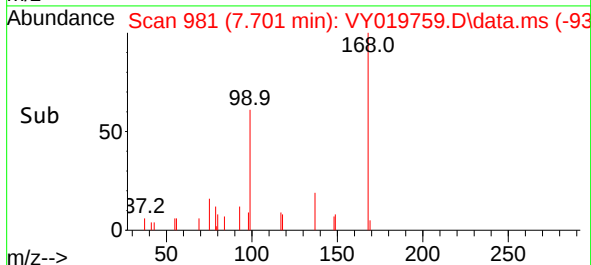
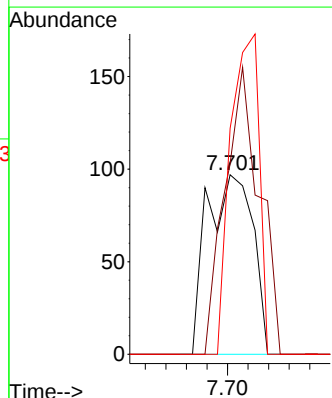
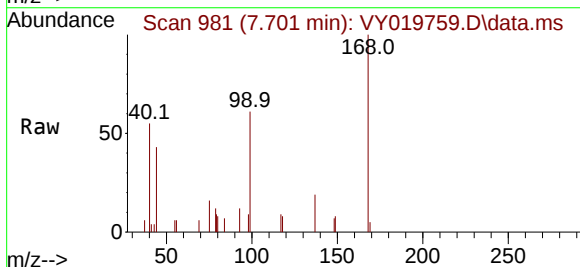
Tgt Ion: 56 Resp: 150

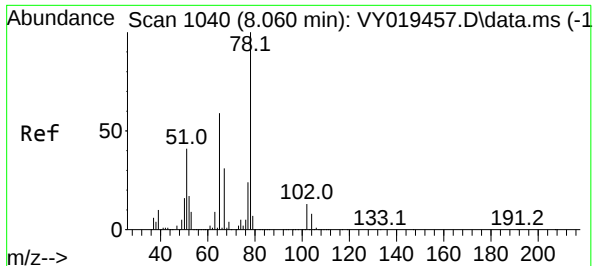
Ion Ratio Lower Upper

56 100

69 106.2 28.7 43.1#

84 125.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 88.242 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Instrument :

MSVOA_Y

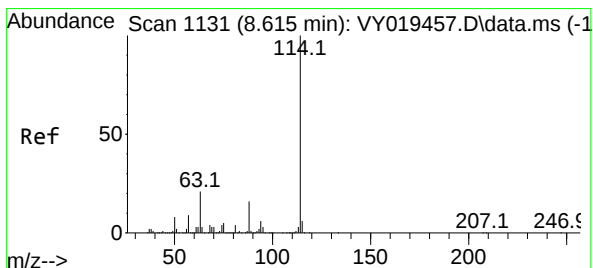
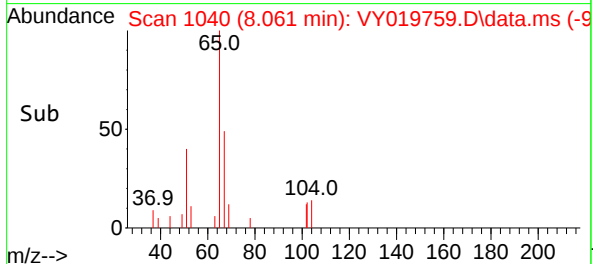
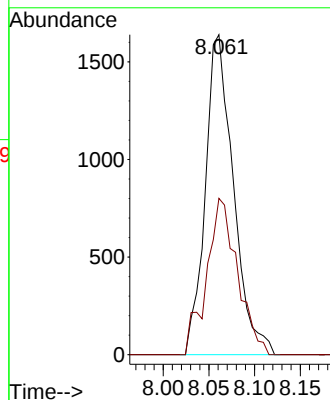
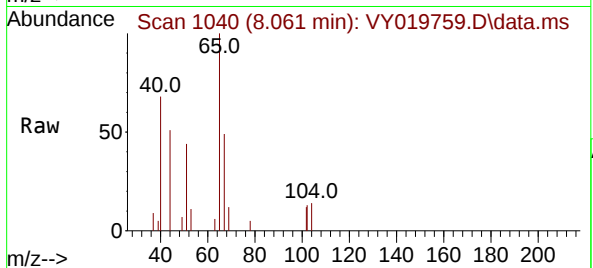
ClientSampleId :

Tgt Ion: 65 Resp: 3507

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

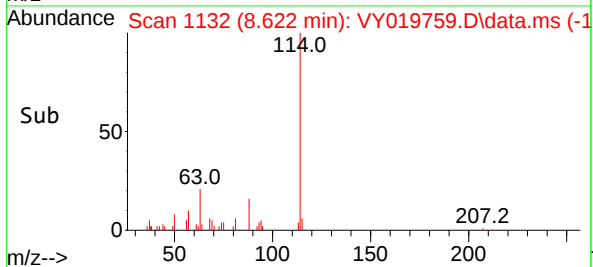
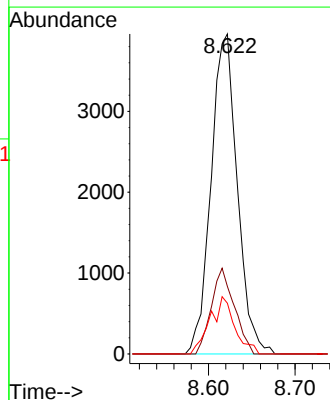
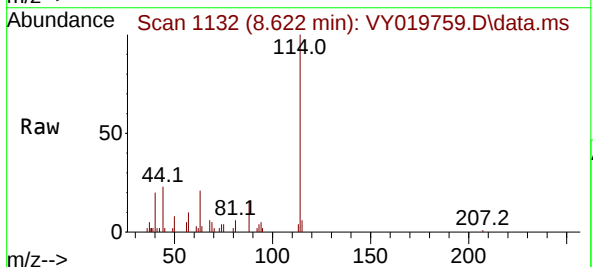
Tgt Ion: 114 Resp: 8345

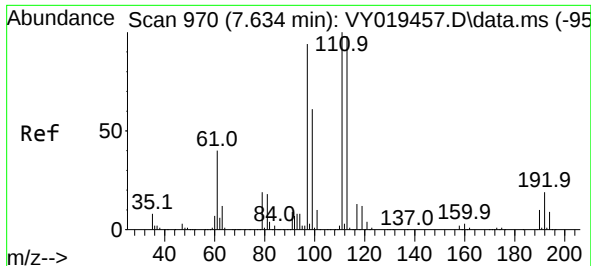
Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.0

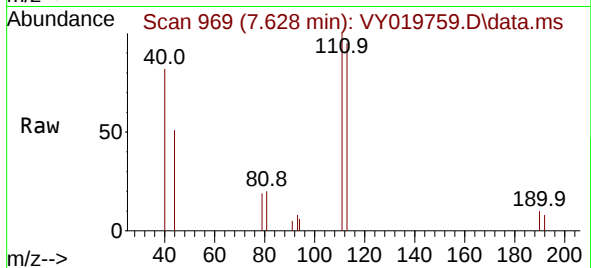
88 15.8 0.0 27.2



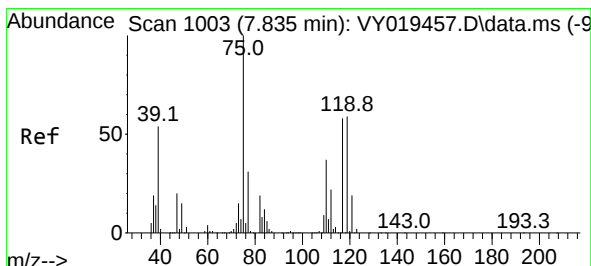
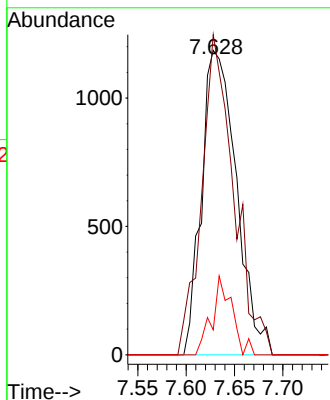
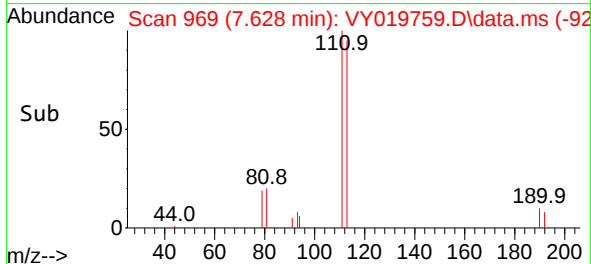


#35
Dibromofluoromethane
Concen: 62.750 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

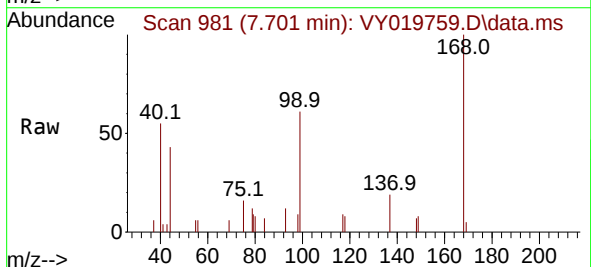
Instrument :
MSVOA_Y
ClientSampleId :



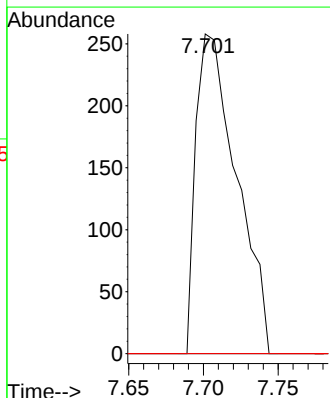
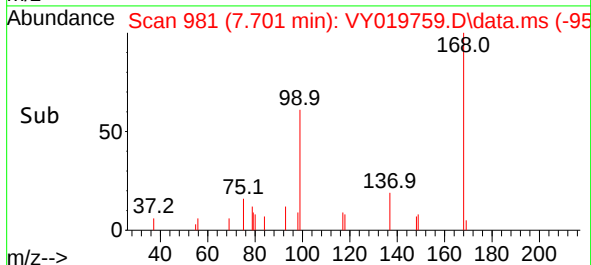
Tgt Ion:113 Resp: 2969
Ion Ratio Lower Upper
113 100
111 97.4 82.2 123.4
192 14.9 15.9 23.9#

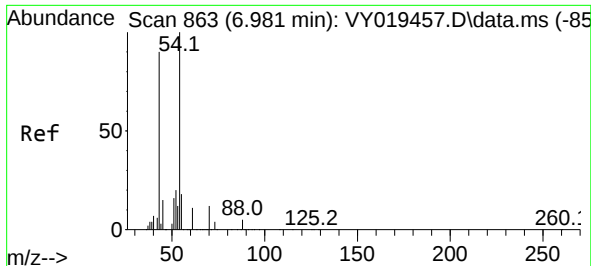


#36
1,1-Dichloropropene
Concen: 7.595 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03



Tgt Ion: 75 Resp: 489
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.607 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.019 min

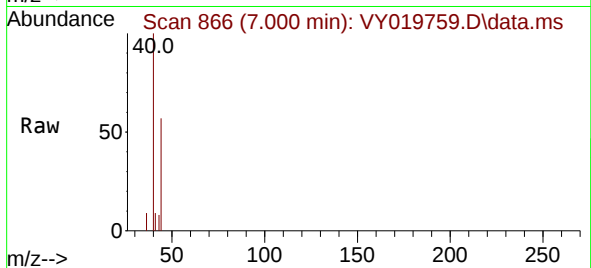
Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

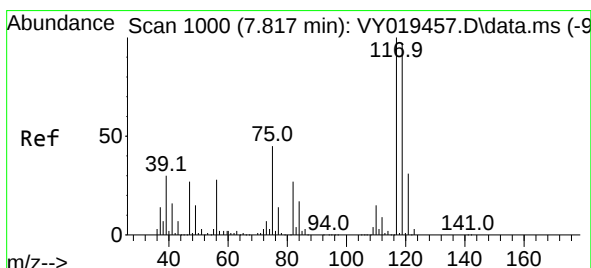
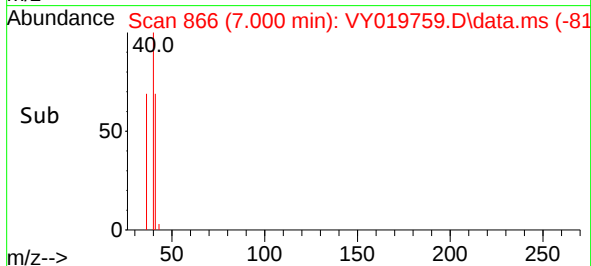
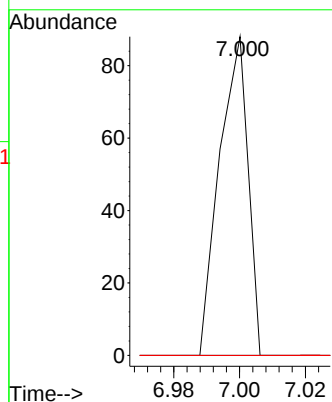
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	53
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 6.157 ug/l

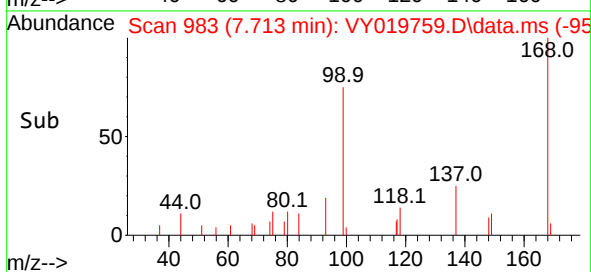
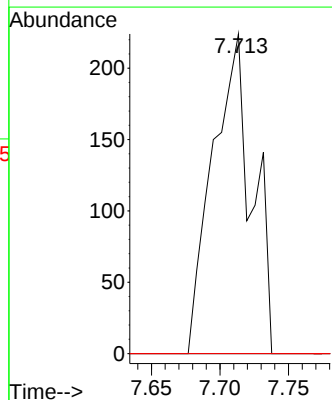
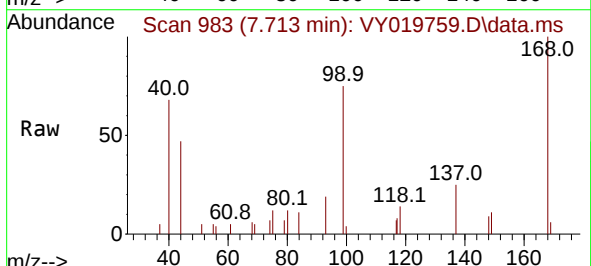
RT: 7.713 min Scan# 983

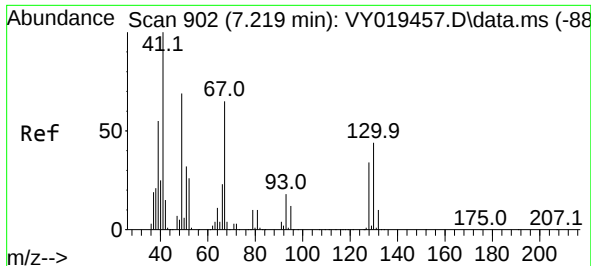
Delta R.T. -0.103 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

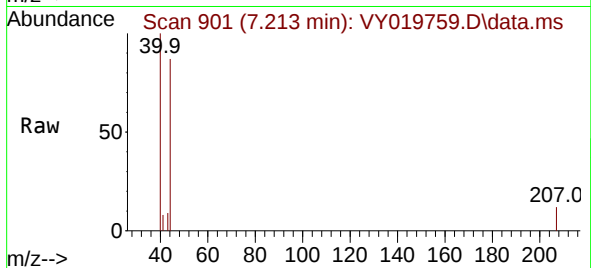
Tgt Ion:	117	Resp:	447
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.0	36.0#



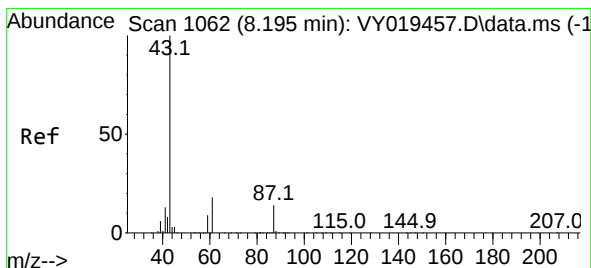
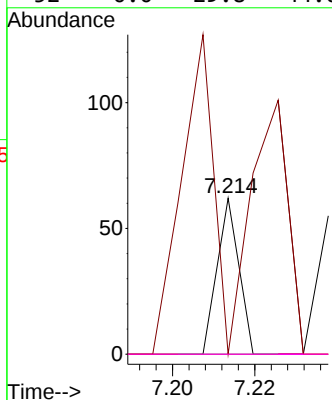
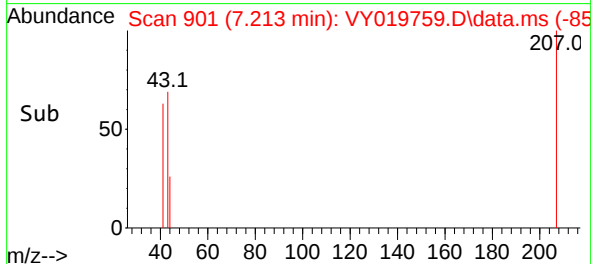


#41
Methacrylonitrile
Concen: 1.196 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

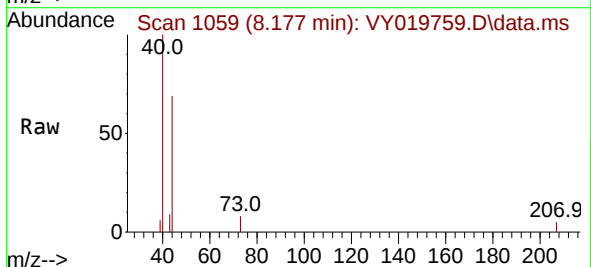
Instrument :
MSVOA_Y
ClientSampleId :



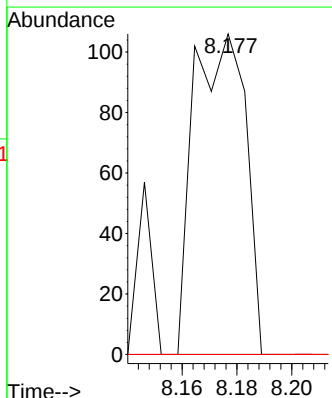
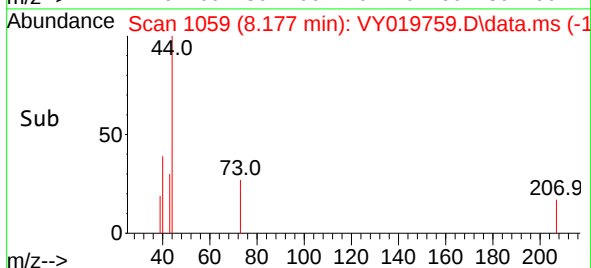
Tgt Ion:	41	Resp:	23
Ion	Ratio	Lower	Upper
41	100		
39	295.7	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#

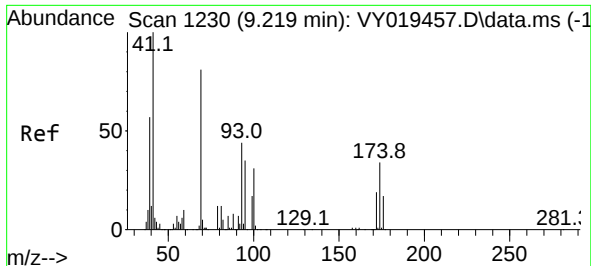


#43
Isopropyl Acetate
Concen: 2.020 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. -0.018 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03



Tgt Ion:	43	Resp:	140
Ion	Ratio	Lower	Upper
43	100		
61	0.0	27.9	41.9#
87	0.0	13.1	19.7#

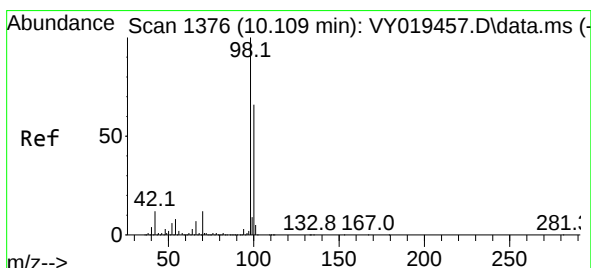
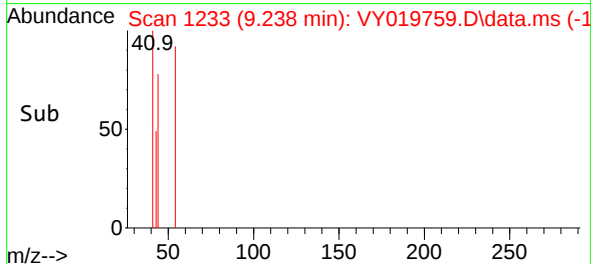
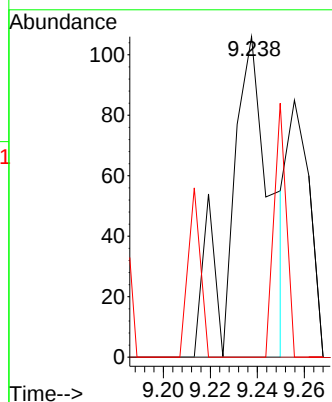
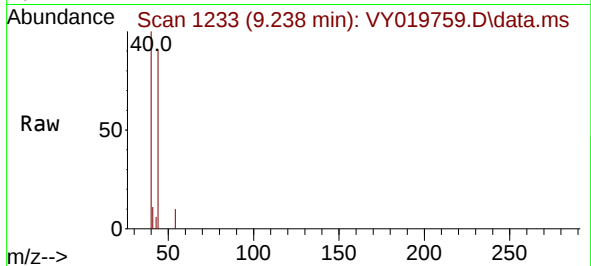




#48
Methyl methacrylate
Concen: 3.850 ug/l
RT: 9.238 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

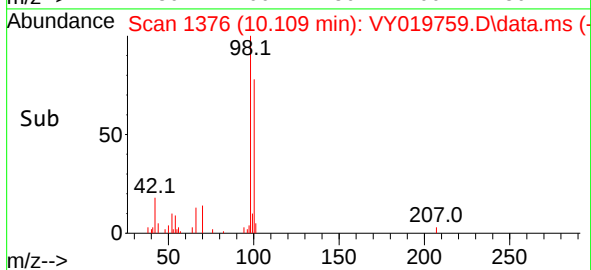
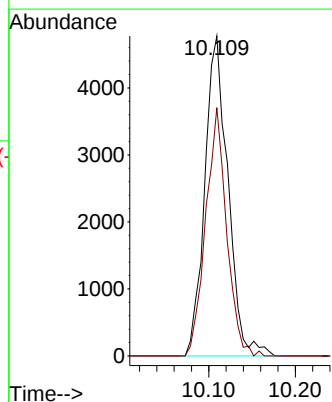
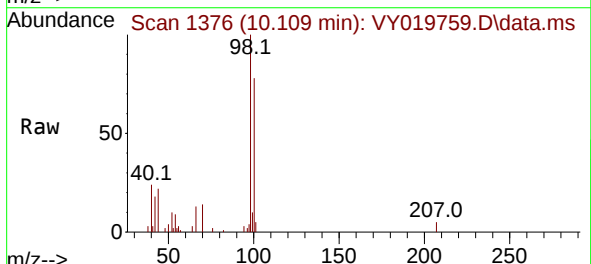
Instrument :
MSVOA_Y
ClientSampleId :

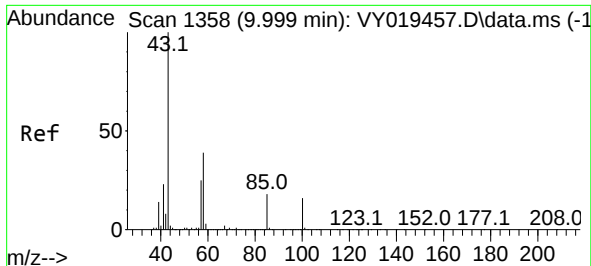
Tgt Ion: 41 Resp: 126
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 24.6 43.6 65.4#



#50
Toluene-d8
Concen: 50.735 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion: 98 Resp: 8879
Ion Ratio Lower Upper
98 100
100 70.0 52.0 78.0

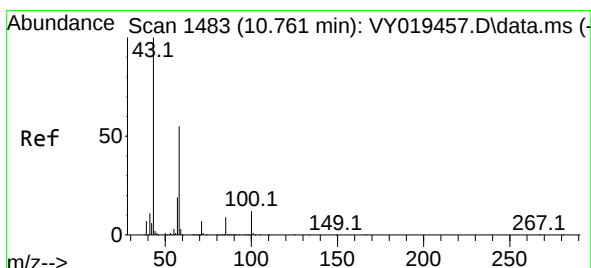
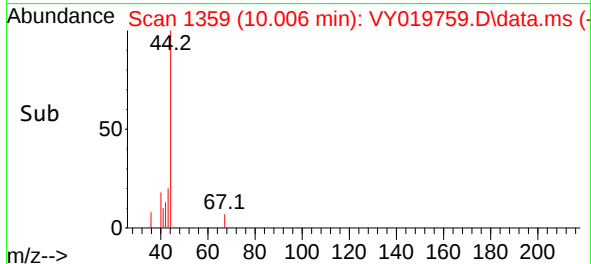
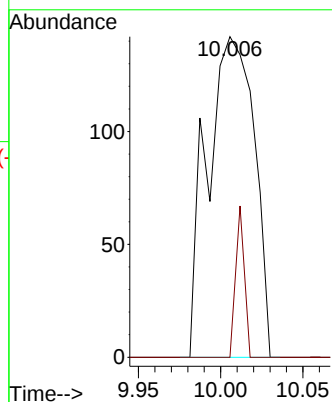
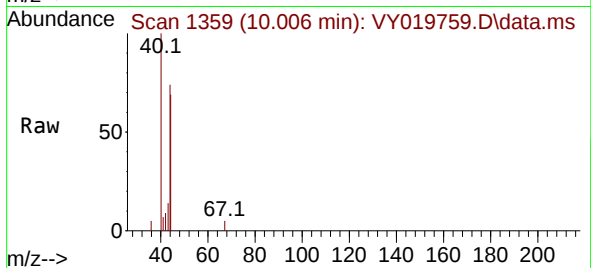




#51
4-Methyl-2-Pentanone
Concen: 8.088 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

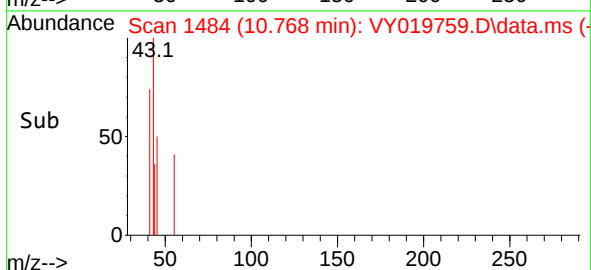
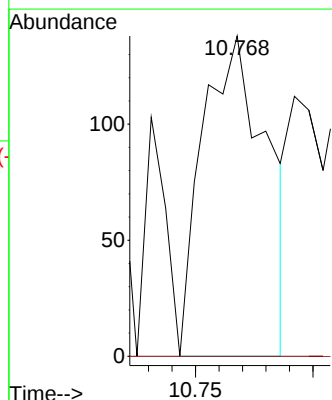
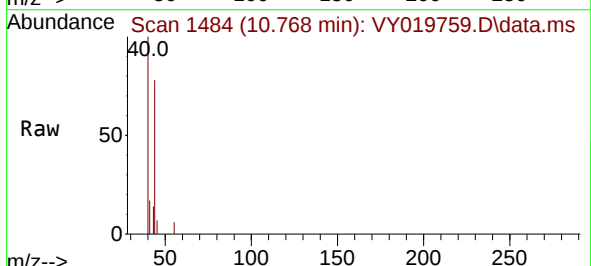
Instrument :
MSVOA_Y
ClientSampleId :

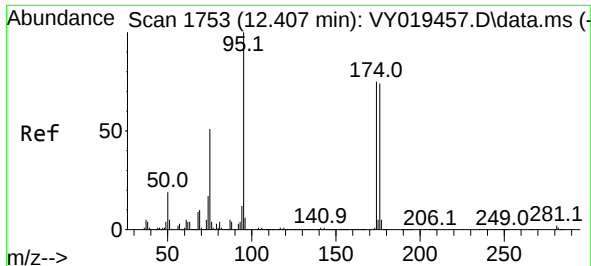
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
58 8.9 35.7 53.5#



#59
2-Hexanone
Concen: 10.250 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.007 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#

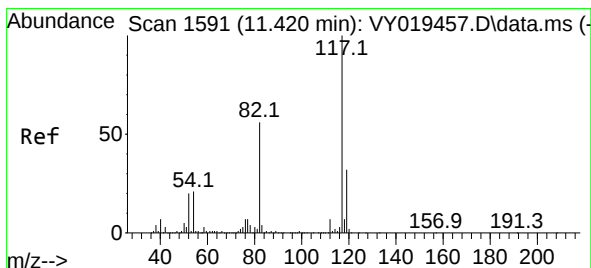
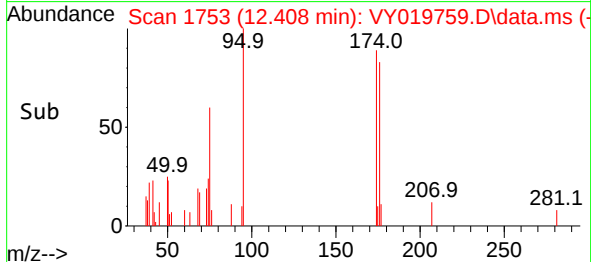
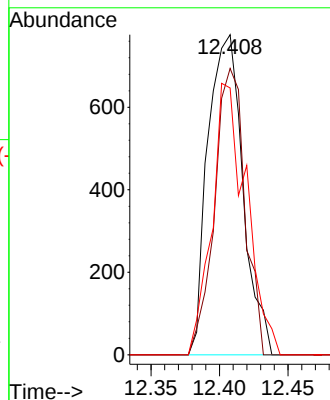
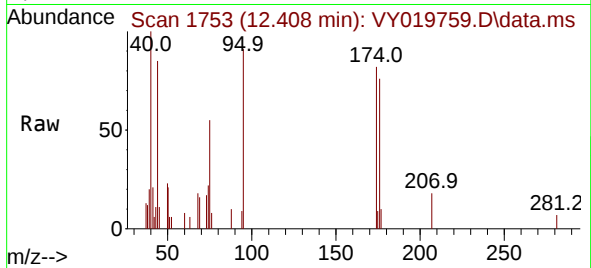




#62
4-Bromofluorobenzene
Concen: 20.493 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

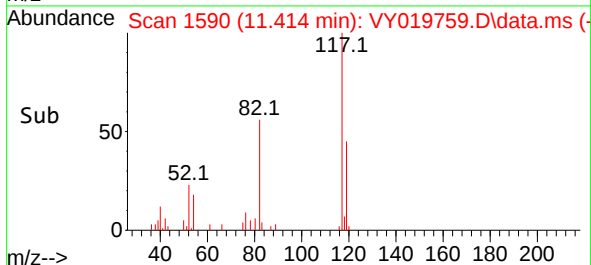
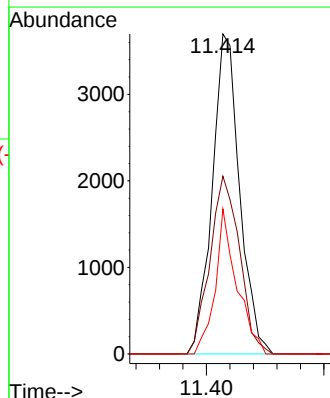
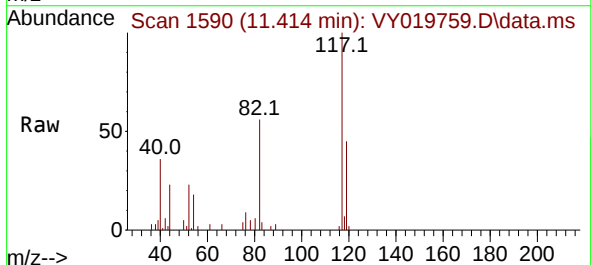
Instrument :
MSVOA_Y
ClientSampleId :

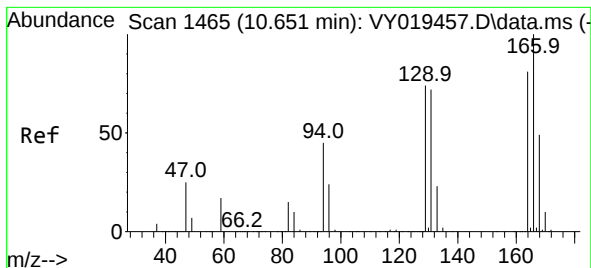
Tgt Ion: 95	Resp: 1379
Ion Ratio	Lower Upper
95 100	
174 77.7	0.0 175.6
176 83.1	0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion:117	Resp:	5997	
Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.4	63.6
119	45.3	25.9	38.9#





#64

Tetrachloroethene

Concen: 2.935 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

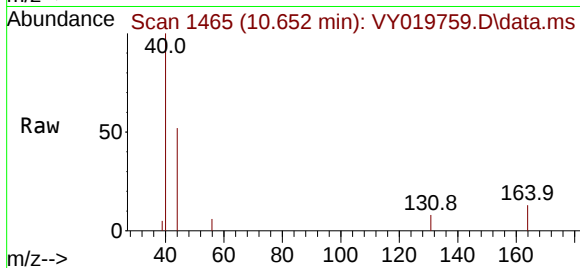
Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:164 Resp: 109

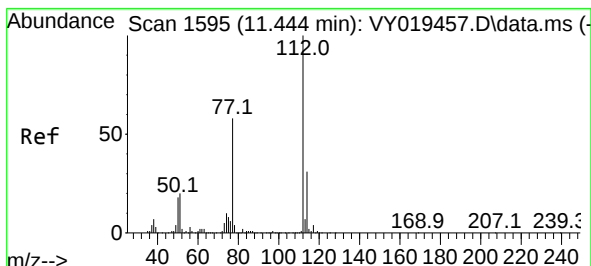
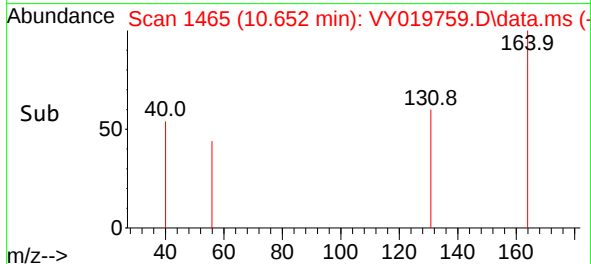
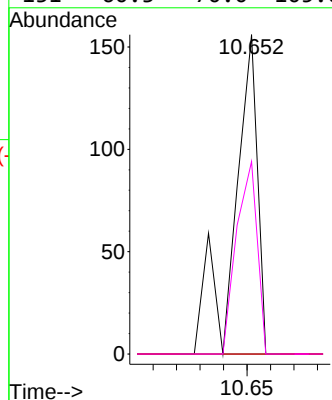
Ion Ratio Lower Upper

164 100

166 0.0 102.6 154.0#

129 0.0 72.0 108.0#

131 60.3 70.0 105.0#



#65

Chlorobenzene

Concen: 1.475 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY019759.D

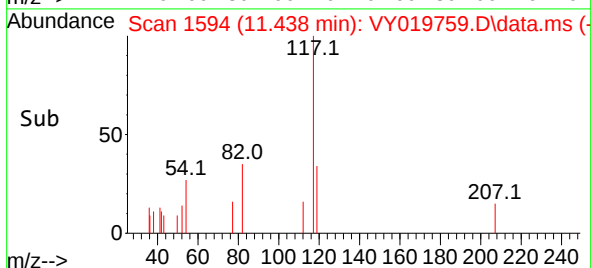
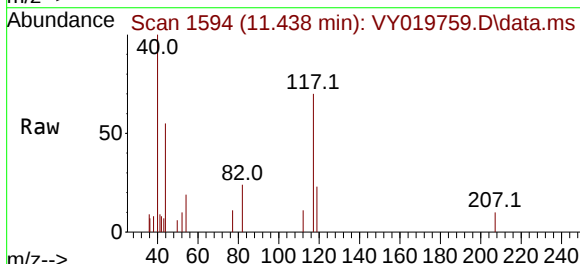
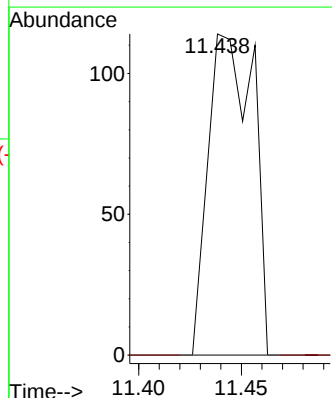
Acq: 02 Oct 2024 13:03

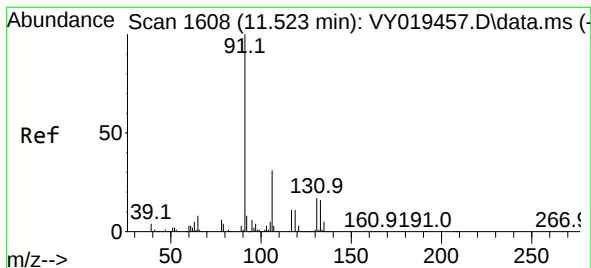
Tgt Ion:112 Resp: 174

Ion Ratio Lower Upper

112 100

114 0.0 26.4 39.6#





#67

Ethyl Benzene

Concen: 1.441 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Instrument :

MSVOA_Y

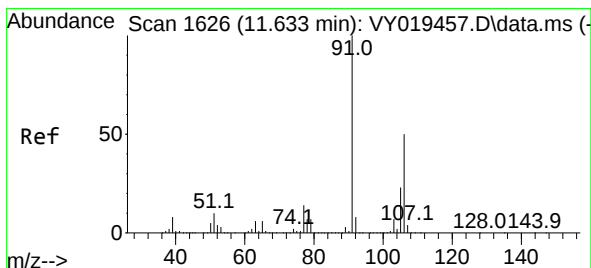
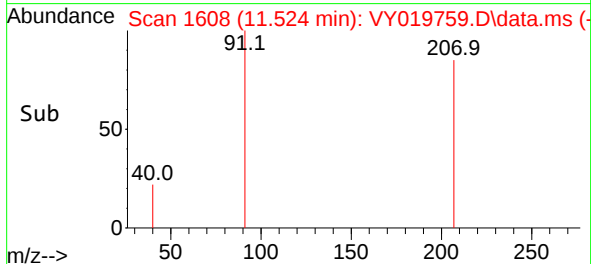
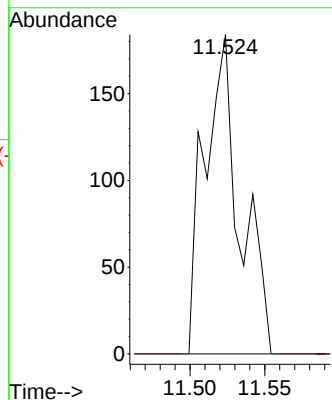
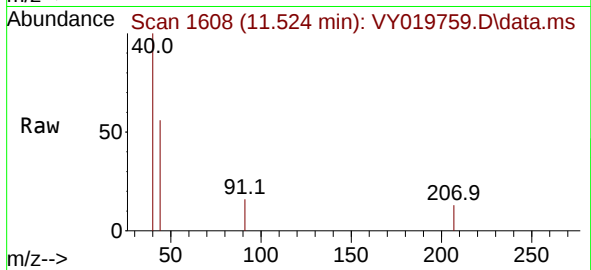
ClientSampleId :

Tgt Ion: 91 Resp: 302

Ion Ratio Lower Upper

91 100

106 0.0 24.5 36.7#



#68

m/p-Xylenes

Concen: 2.473 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY019759.D

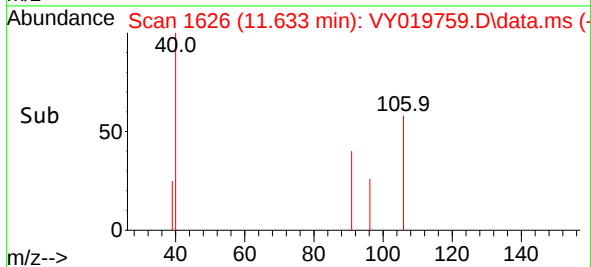
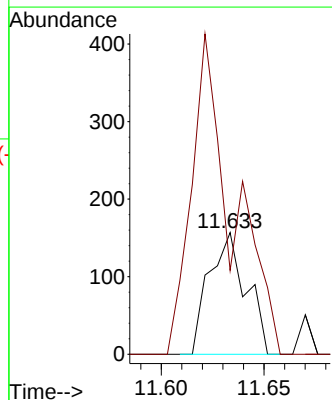
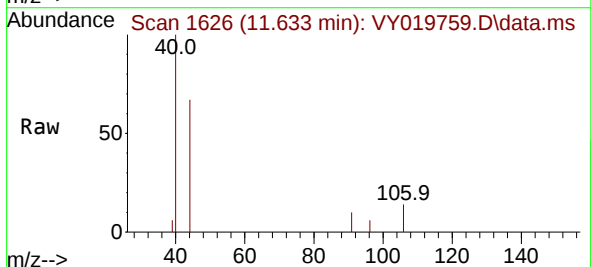
Acq: 02 Oct 2024 13:03

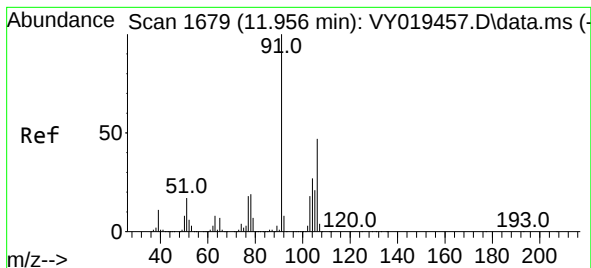
Tgt Ion: 106 Resp: 196

Ion Ratio Lower Upper

106 100

91 291.8 156.0 234.0#





#69

o-Xylene

Concen: 1.226 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Instrument :

MSVOA_Y

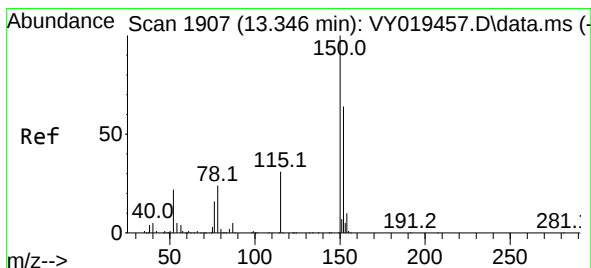
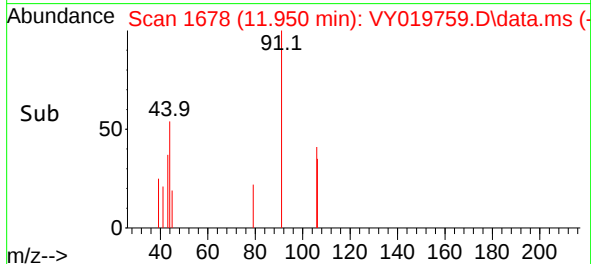
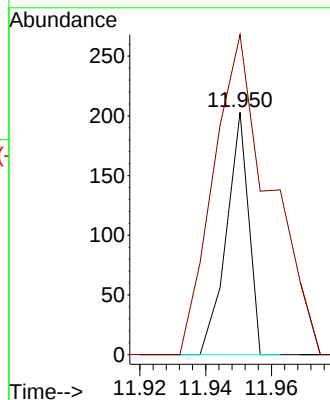
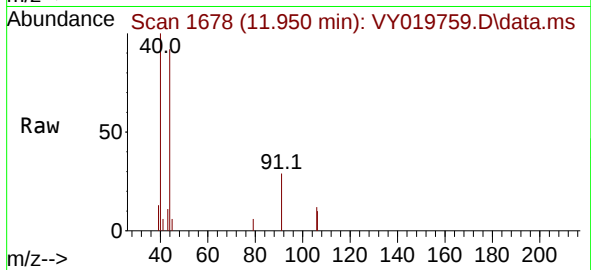
ClientSampleId :

Tgt Ion:106 Resp: 95

Ion Ratio Lower Upper

106 100

91 335.8 103.6 310.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

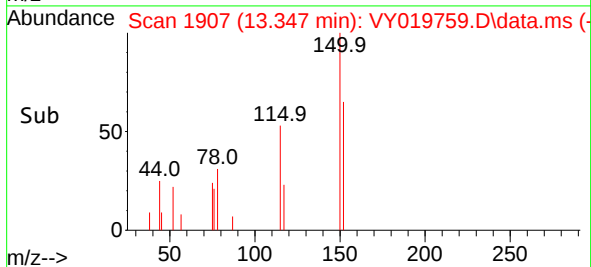
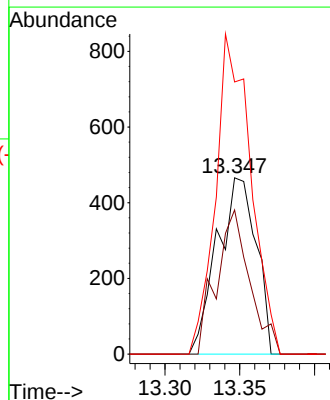
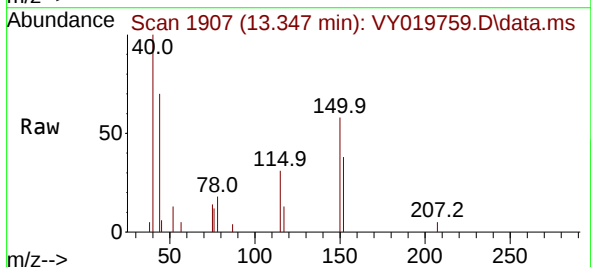
Tgt Ion:152 Resp: 843

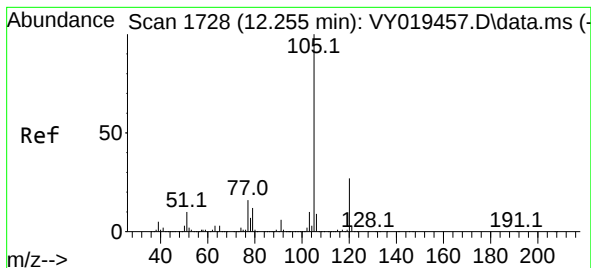
Ion Ratio Lower Upper

152 100

115 69.8 28.2 84.7

150 163.7 0.0 345.6





#73

Isopropylbenzene

Concen: 4.497 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Instrument :

MSVOA_Y

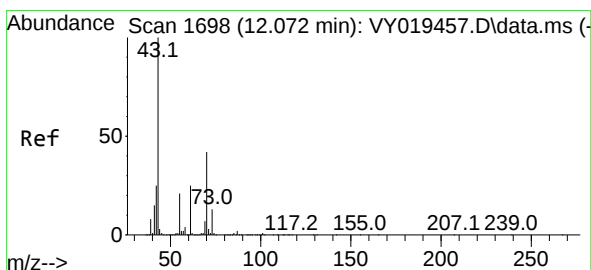
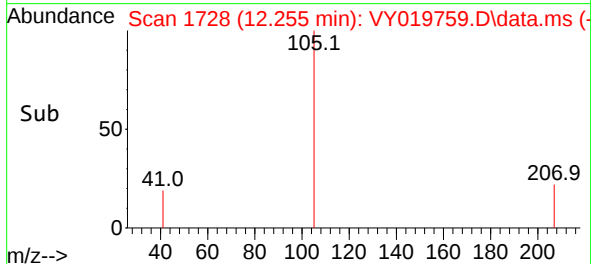
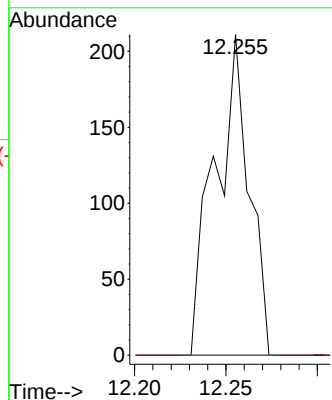
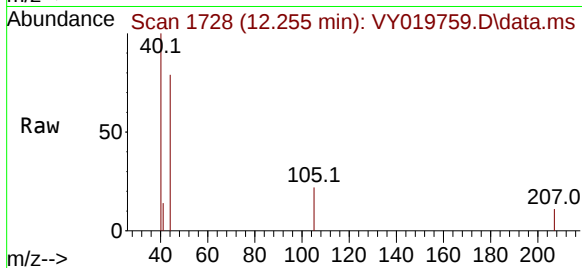
ClientSampleId :

Tgt Ion:105 Resp: 275

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.1#



#74

N-ethyl acetate

Concen: 11.664 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Tgt Ion: 43 Resp: 194

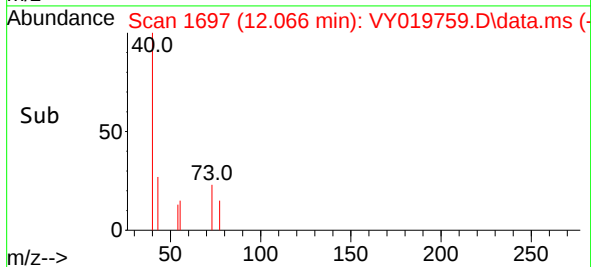
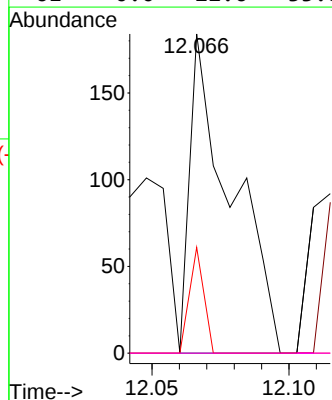
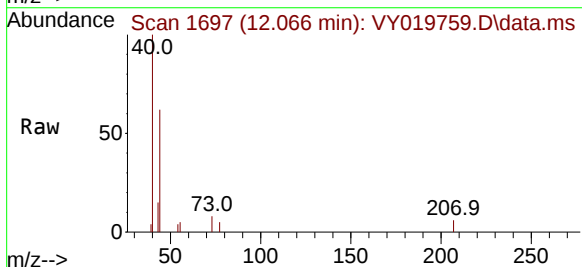
Ion Ratio Lower Upper

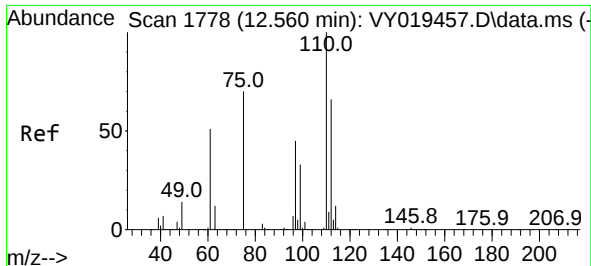
43 100

70 0.0 41.4 62.2#

55 11.3 23.3 34.9#

61 0.0 22.6 33.8#

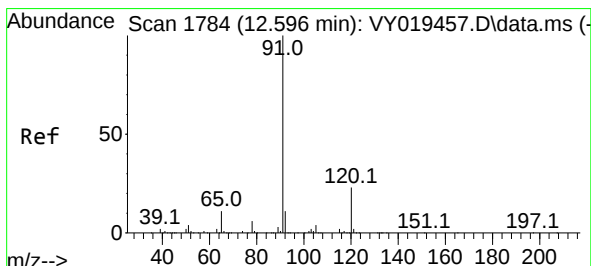
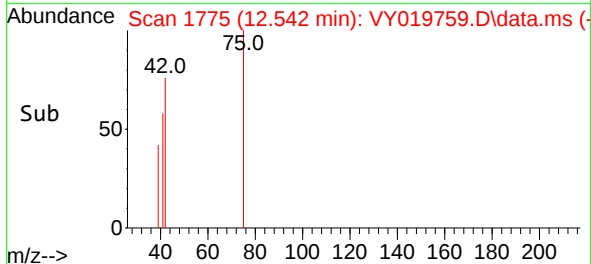
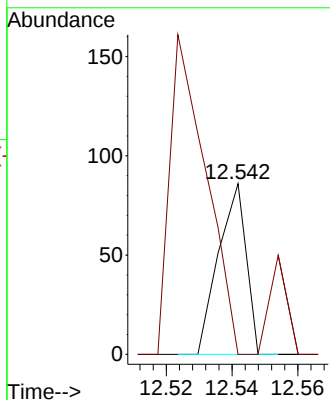
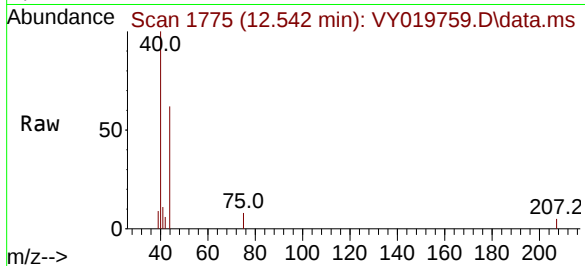




#76
1,2,3-Trichloropropane
Concen: 6.328 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. -0.018 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

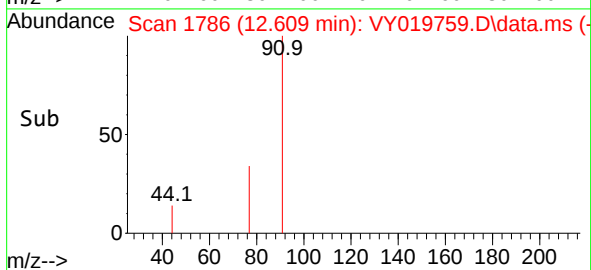
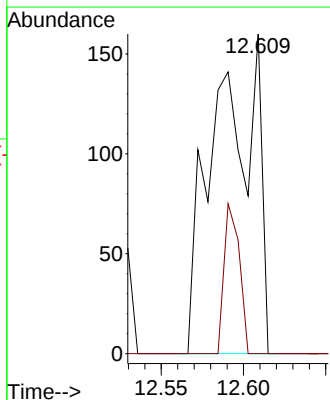
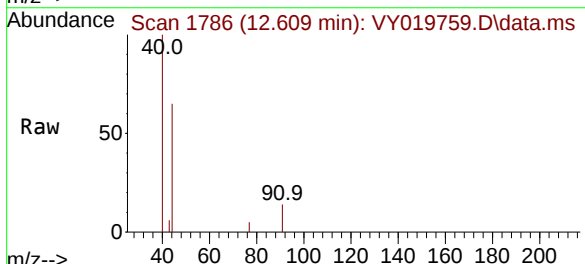
Instrument :
MSVOA_Y
ClientSampleId :

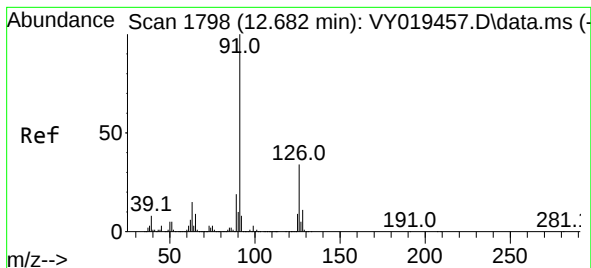
Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 36.0 0.0 0.0#



#78
n-propylbenzene
Concen: 4.001 ug/l
RT: 12.609 min Scan# 1786
Delta R.T. 0.013 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion: 91 Resp: 290
Ion Ratio Lower Upper
91 100
120 16.6 11.5 34.4

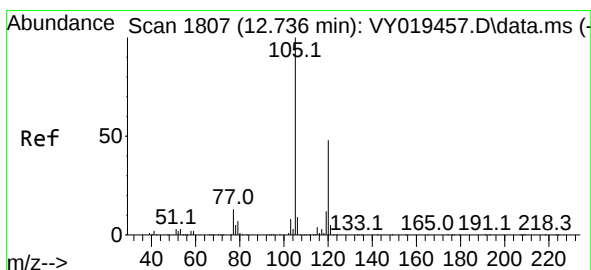
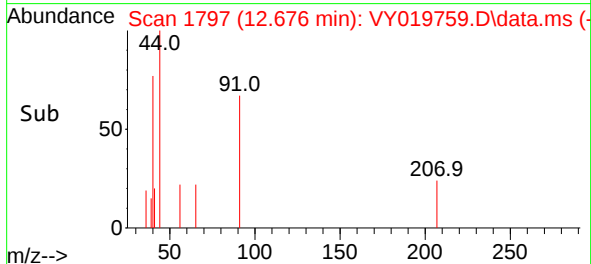
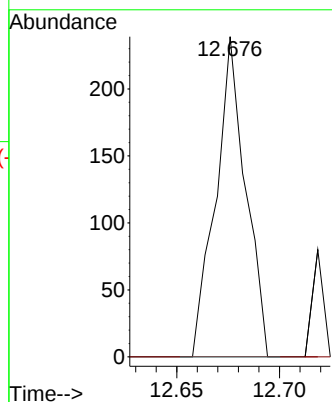
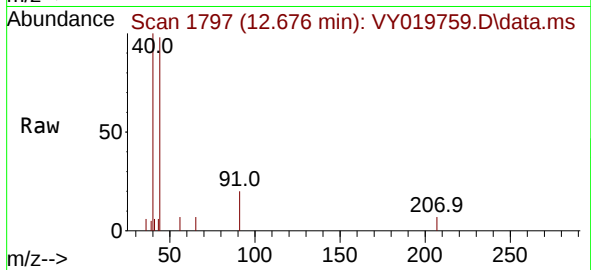




#79
2-Chlorotoluene
Concen: 5.705 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

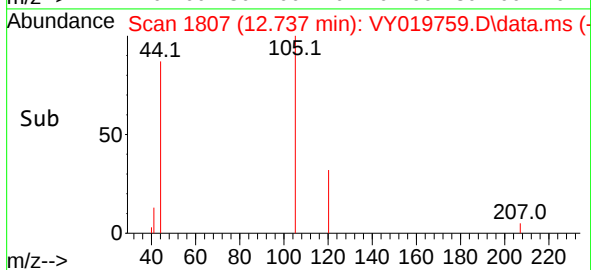
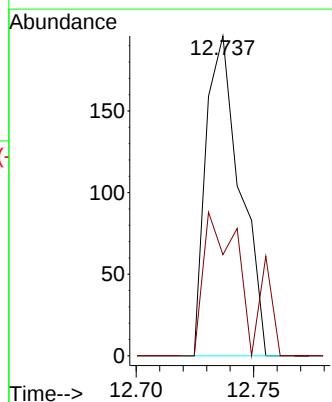
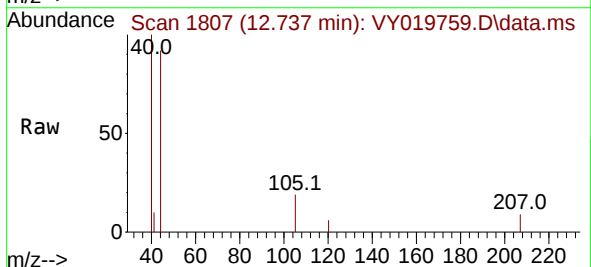
Instrument :
MSVOA_Y
ClientSampleId :

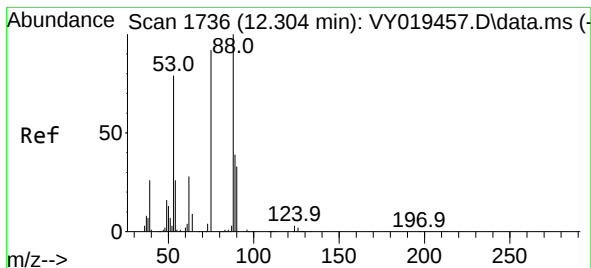
Tgt Ion: 91 Resp: 241
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#



#80
1,3,5-Trimethylbenzene
Concen: 3.982 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion: 105 Resp: 198
Ion Ratio Lower Upper
105 100
120 53.5 25.1 75.2

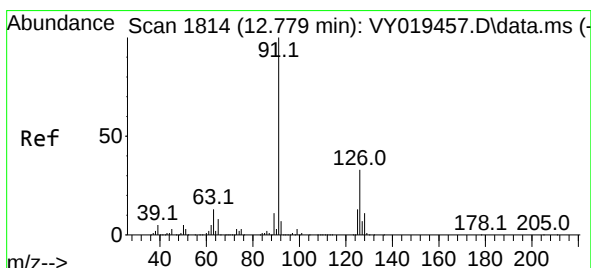
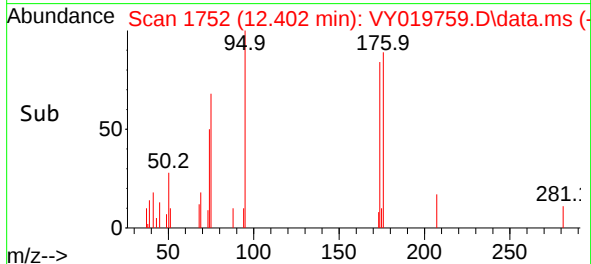
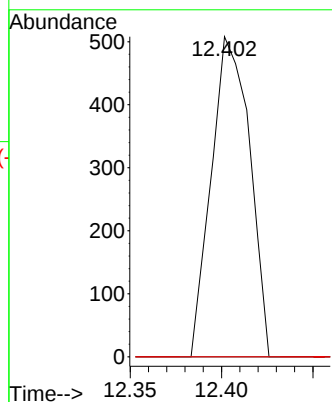
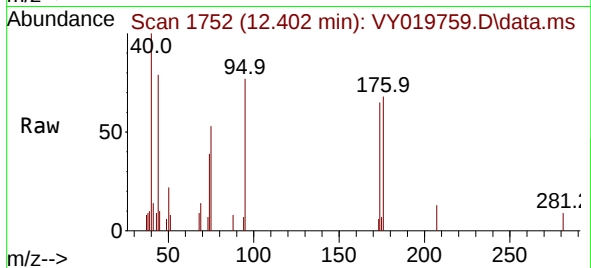




#81
trans-1,4-Dichloro-2-butene
Concen: 180.519 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

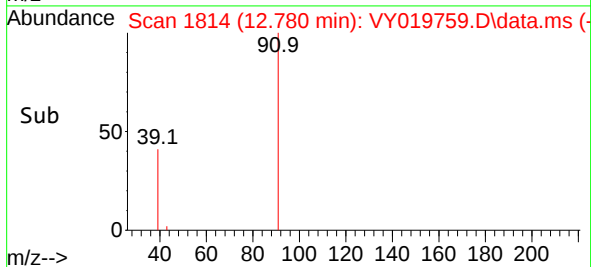
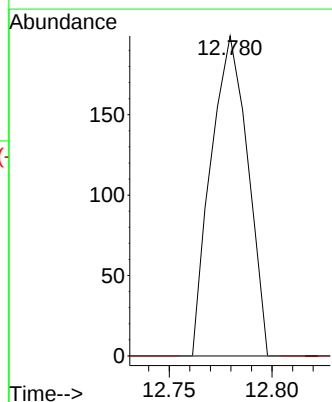
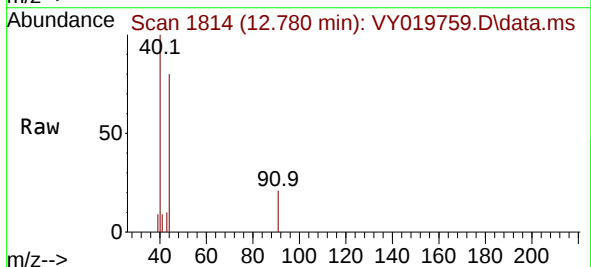
Instrument :
MSVOA_Y
ClientSampleId :

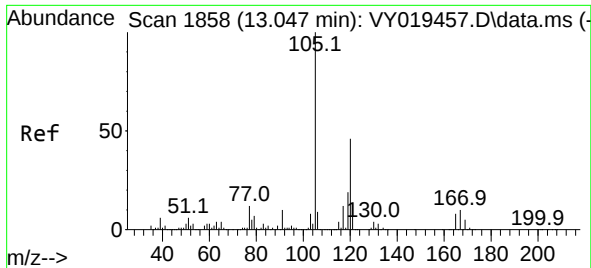
Tgt Ion: 75 Resp: 743
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 5.710 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion: 91 Resp: 248
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#

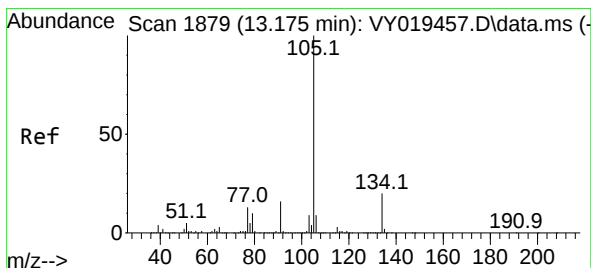
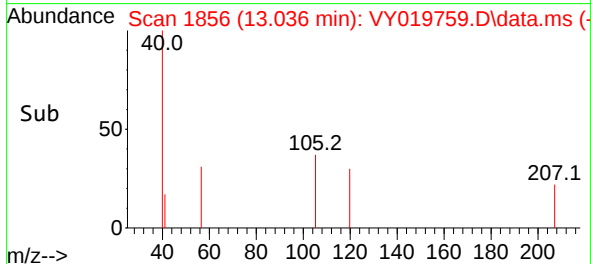
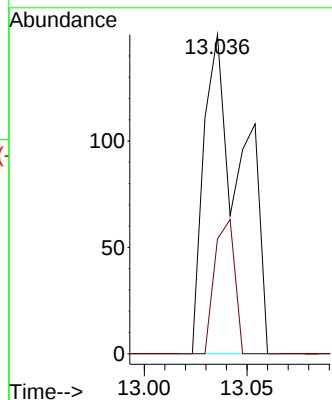
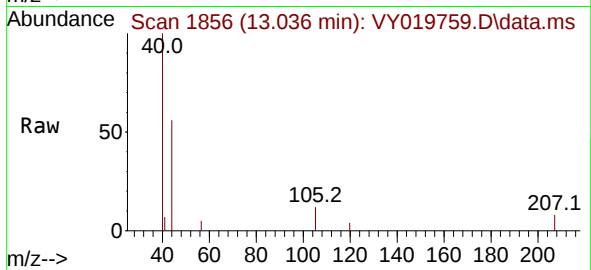




#84
1,2,4-Trimethylbenzene
Concen: 3.942 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. -0.012 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

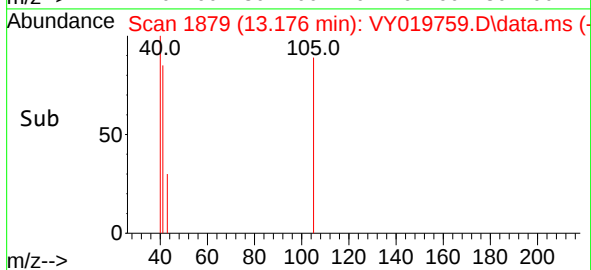
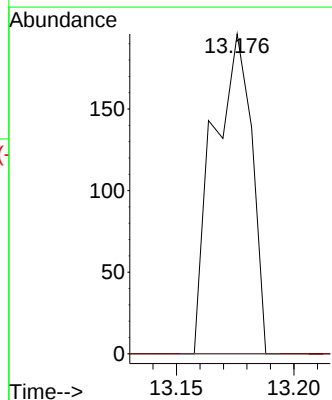
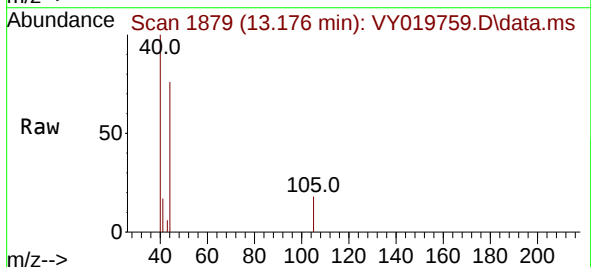
Instrument :
MSVOA_Y
ClientSampleId :

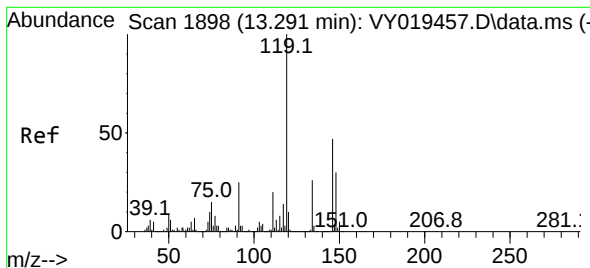
Tgt Ion:105 Resp: 194
Ion Ratio Lower Upper
105 100
120 22.2 23.2 69.6#



#85
sec-Butylbenzene
Concen: 3.410 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion:105 Resp: 223
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

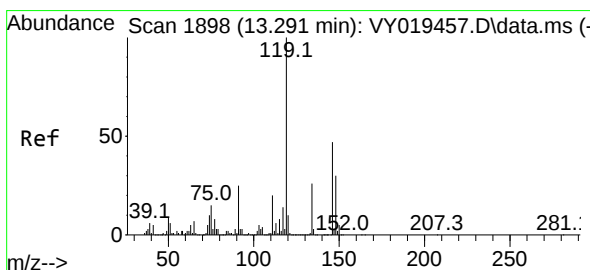
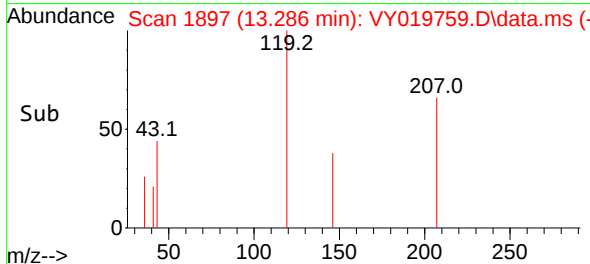
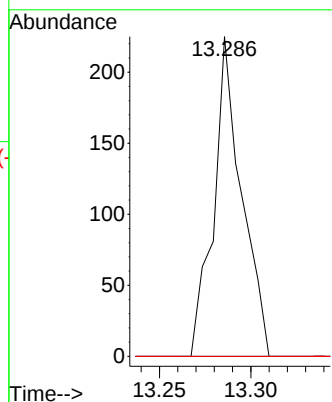
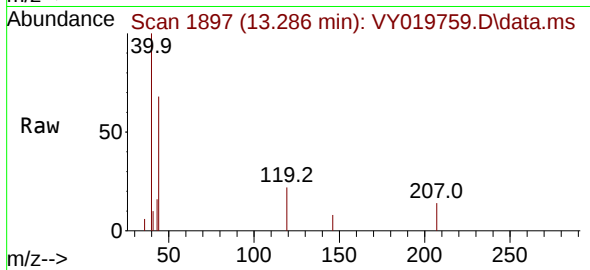




#86
p-Isopropyltoluene
Concen: 4.468 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

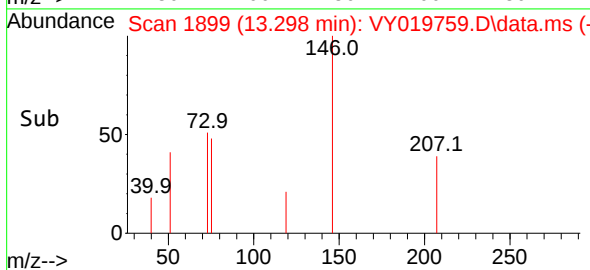
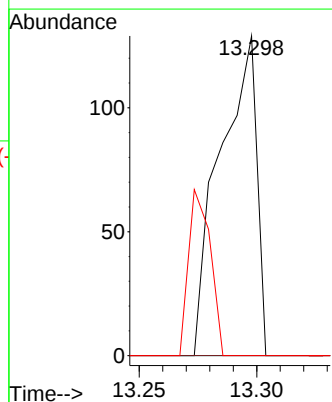
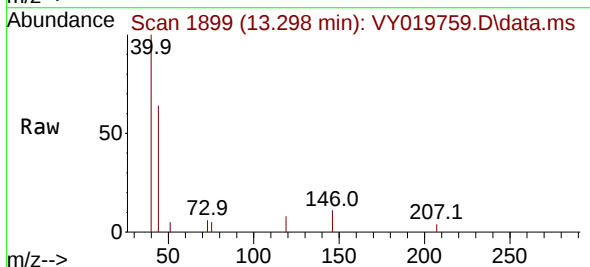
Instrument :
MSVOA_Y
ClientSampleId :

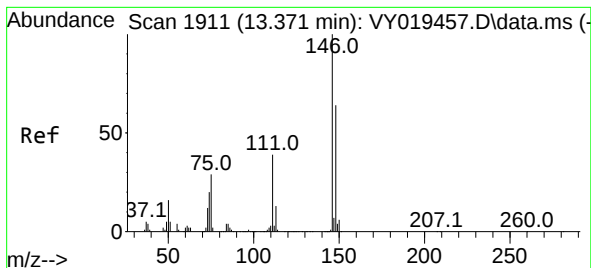
Tgt Ion:119 Resp: 239
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.3#
91 0.0 10.7 32.1#



#87
1,3-Dichlorobenzene
Concen: 5.312 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.007 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion:146 Resp: 140
Ion Ratio Lower Upper
146 100
111 0.0 19.0 57.0#
148 0.0 31.7 95.1#





#88

1,4-Dichlorobenzene

Concen: 3.059 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY019759.D

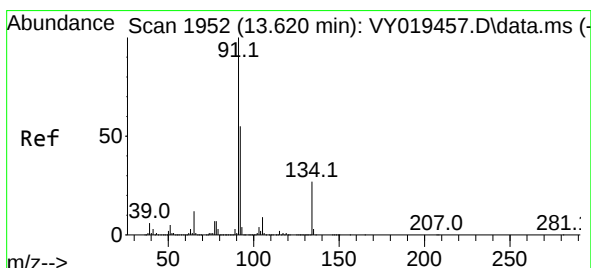
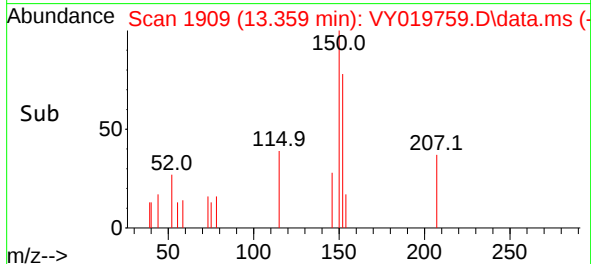
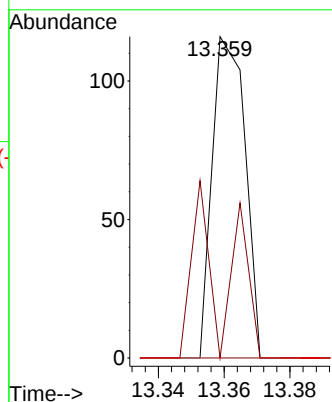
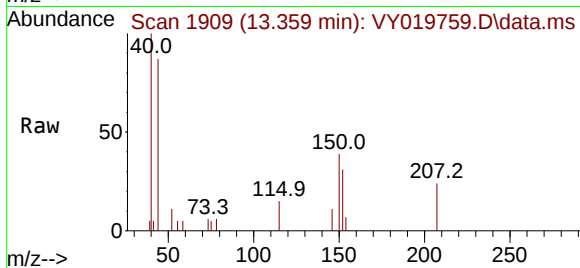
Acq: 02 Oct 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	80
Ion	Ratio	Lower Upper
146	100	
111	55.0	18.4 55.4
148	0.0	32.4 97.2#



#89

n-Butylbenzene

Concen: 2.796 ug/l

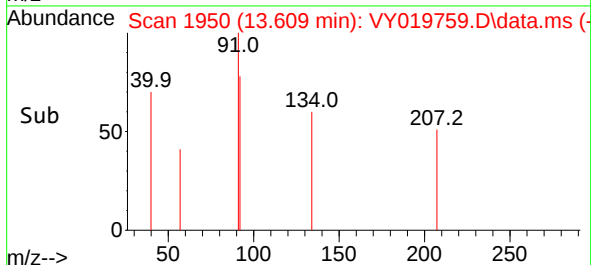
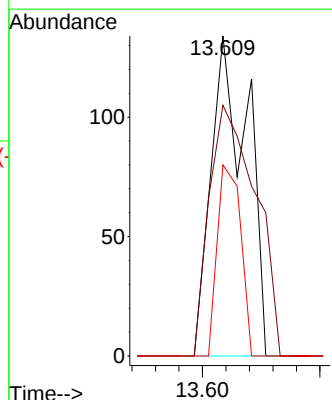
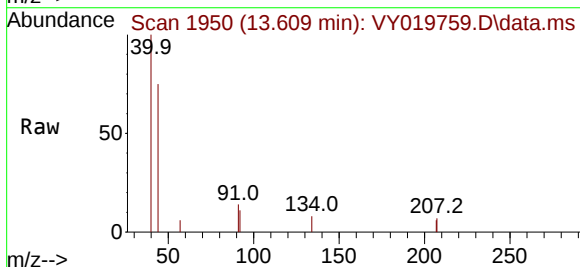
RT: 13.609 min Scan# 1950

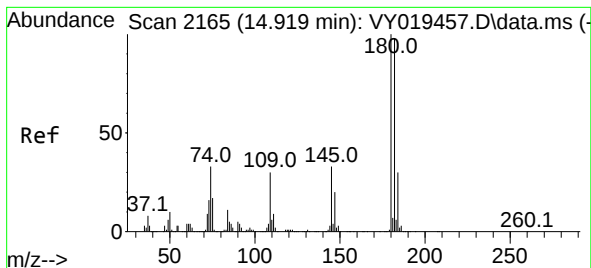
Delta R.T. -0.012 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Tgt Ion: 91	Resp:	143
Ion	Ratio	Lower Upper
91	100	
92	100.7	26.6 79.7#
134	38.5	12.9 38.7





#93

1,2,4-Trichlorobenzene

Concen: 6.501 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

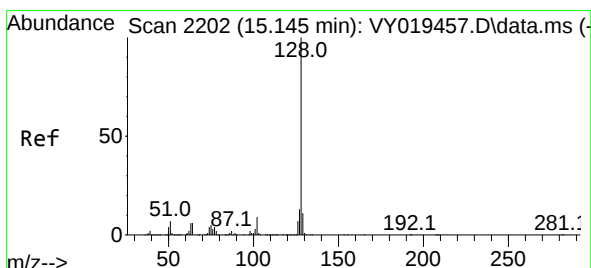
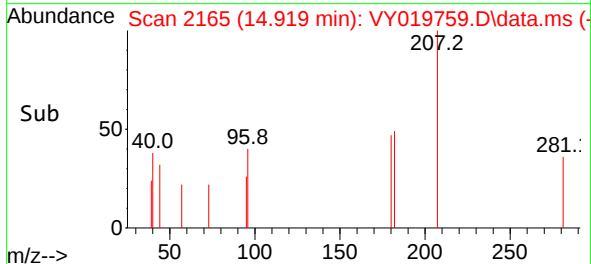
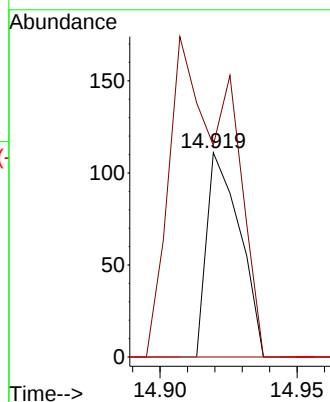
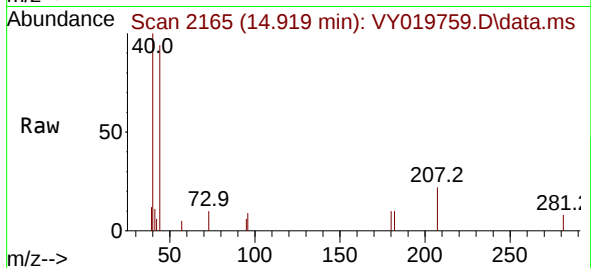
Tgt Ion:180 Resp: 93

Ion Ratio Lower Upper

180 100

182 281.7 47.9 143.8#

145 0.0 14.2 42.6#



#95

Naphthalene

Concen: 37.981 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.007 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

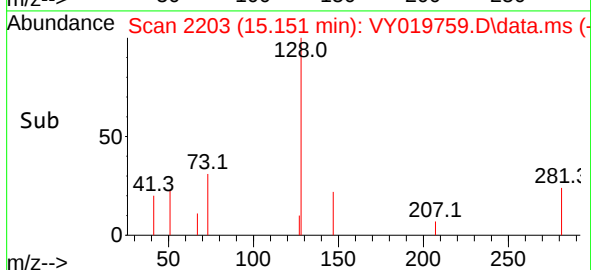
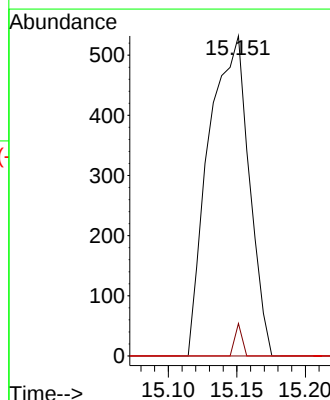
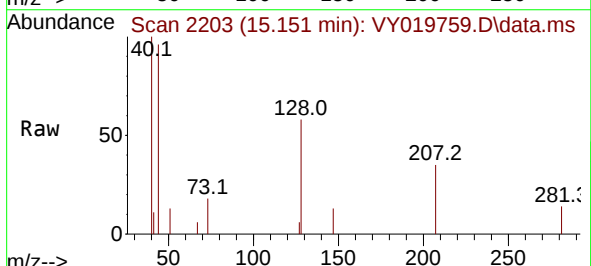
Tgt Ion:128 Resp: 1088

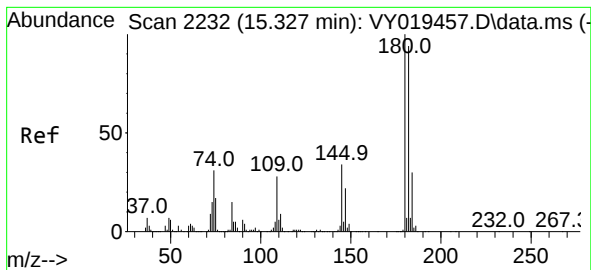
Ion Ratio Lower Upper

128 100

127 1.8 10.6 16.0#

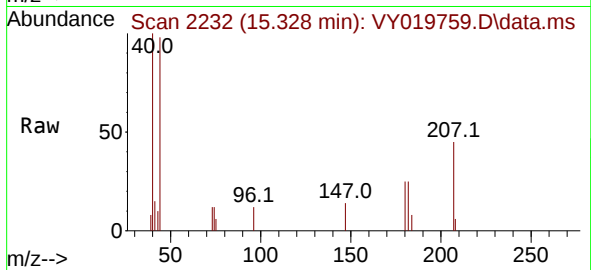
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 21.249 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019759.D
 Acq: 02 Oct 2024 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 260
 Ion Ratio Lower Upper
 180 100
 182 160.8 47.6 142.9#
 145 0.0 15.4 46.1#

