

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019604.D
 Acq On : 18 Sep 2024 14:34
 Operator : SY/MD
 Sample : P4089-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:25:20 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	331	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	315	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	27	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	400	130.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 261.020%#	
35) Dibromofluoromethane	7.628	113	249	60.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.480%	
50) Toluene-d8	10.115	98	549	35.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 71.820%	
62) 4-Bromofluorobenzene	12.420	95	114	19.393	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 38.780%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.775	85	25	10.591	ug/l #	43
3) Chloromethane	2.184	50	24	8.764	ug/l #	43
6) Chloroethane	2.739	64	59	30.478	ug/l #	42
10) Methyl Iodide	4.025	142	36	9.195	ug/l #	42
11) Tert butyl alcohol	4.628	59	30	121.201	ug/l #	1
12) 1,1-Dichloroethene	3.543	96	42	14.302	ug/l #	1
13) Acrolein	3.629	56	23	189.552	ug/l #	15
14) Allyl chloride	4.360	41	134	25.444	ug/l #	48
15) Acrylonitrile	5.299	53	26	36.391	ug/l #	1
16) Acetone	3.866	43	21	28.760	ug/l #	36
17) Carbon Disulfide	4.177	76	21	2.647	ug/l #	76
18) Methyl Acetate	4.360	43	42	21.195	ug/l #	46
19) Methyl tert-butyl Ether	5.281	73	30	3.607	ug/l #	54
20) Methylene Chloride	4.598	84	60	18.018	ug/l #	12
21) trans-1,2-Dichloroethene	5.275	96	30	9.320	ug/l #	1
22) Diisopropyl ether	5.970	45	25	2.312	ug/l #	37
23) Vinyl Acetate	5.945	43	61	9.875	ug/l #	67
24) 1,1-Dichloroethane	6.085	63	19	3.131	ug/l #	80
25) 2-Butanone	6.890	43	148	142.512	ug/l #	1
27) cis-1,2-Dichloroethene	6.878	96	19	4.859	ug/l #	1
28) Bromochloromethane	7.207	49	19	7.441	ug/l #	6
29) Tetrahydrofuran	7.238	42	104	164.705	ug/l #	26
31) Cyclohexane	7.683	56	33	6.016	ug/l #	11
37) Ethyl Acetate	6.976	43	68	23.597	ug/l #	67
38) Carbon Tetrachloride	7.634	117	29	4.572	ug/l #	13
41) Methacrylonitrile	7.219	41	83	49.410	ug/l #	40
42) 1,2-Dichloroethane	8.250	62	25	5.363	ug/l #	71
43) Isopropyl Acetate	8.183	43	60	9.910	ug/l #	47
48) Methyl methacrylate	9.225	41	95	33.228	ug/l #	7
51) 4-Methyl-2-Pentanone	9.981	43	55	18.057	ug/l #	31
54) cis-1,3-Dichloropropene	9.798	75	20	2.894	ug/l #	40
56) Ethyl methacrylate	10.487	69	29	5.969	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.957	63	30	13.305	ug/l #	45
59) 2-Hexanone	10.853	43	33	14.778	ug/l	79
67) Ethyl Benzene	11.554	91	31	2.816	ug/l #	44
74) N-amyl acetate	12.054	43	121	227.137	ug/l #	39

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

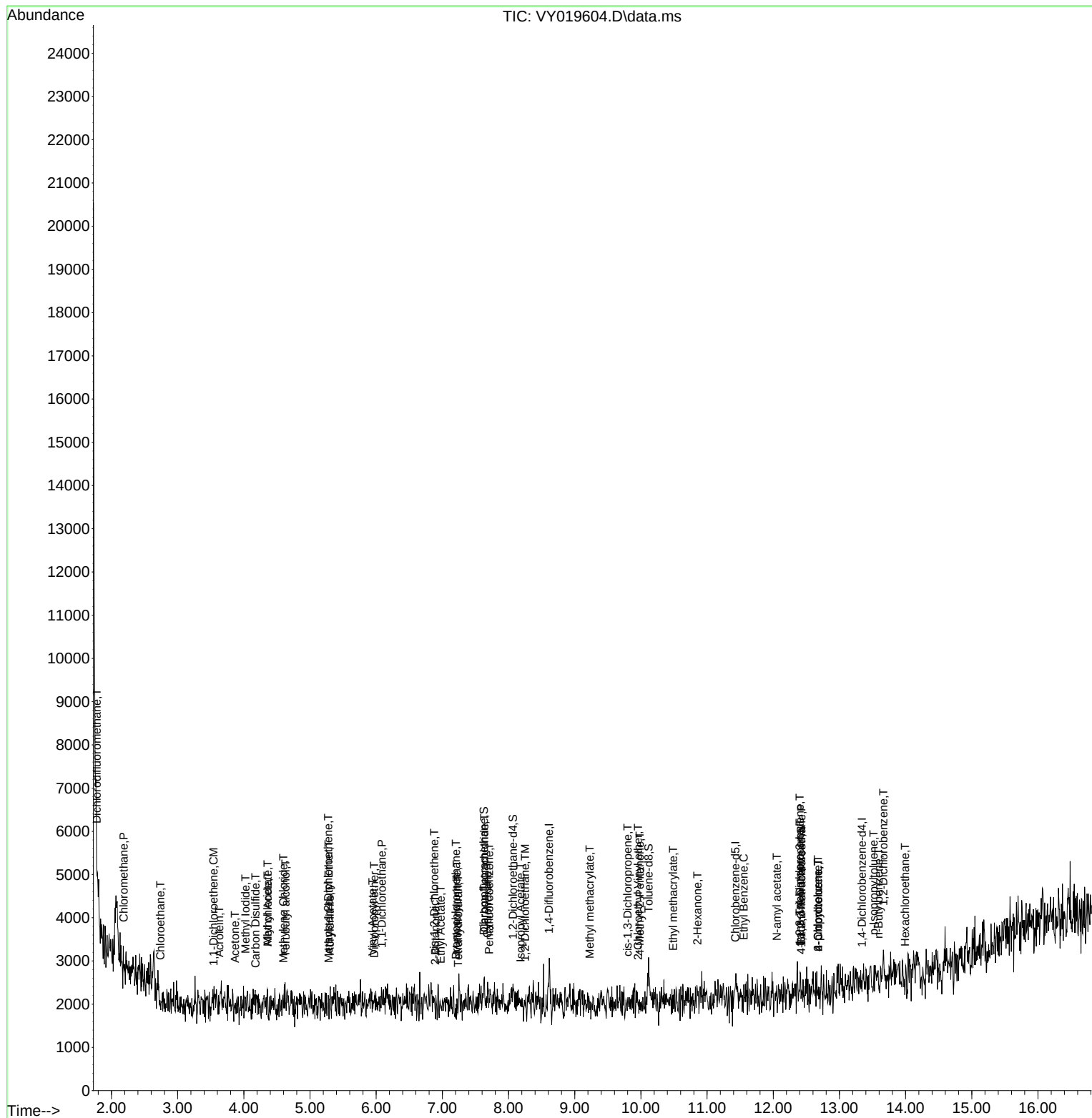
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.426	83	50	143.814	ug/l #	26
76) 1,2,3-Trichloropropane	12.401	75	32	126.448	ug/l #	100
78) n-propylbenzene	12.676	91	63	27.136	ug/l #	53
79) 2-Chlorotoluene	12.676	91	63	46.563	ug/l #	39
81) trans-1,4-Dichloro-2-b...	12.401	75	32	242.744	ug/l #	16
82) 4-Chlorotoluene	12.676	91	63	45.291	ug/l #	39
86) p-Isopropyltoluene	13.517	119	21	12.256	ug/l #	51
89) n-Butylbenzene	13.590	91	20	12.210	ug/l #	33
90) Hexachloroethane	13.993	117	65	182.321	ug/l #	12
91) 1,2-Dichlorobenzene	13.663	146	24	31.860	ug/l #	25

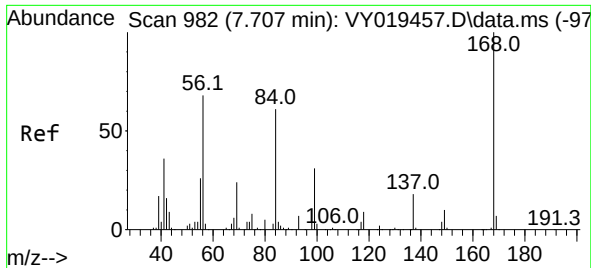
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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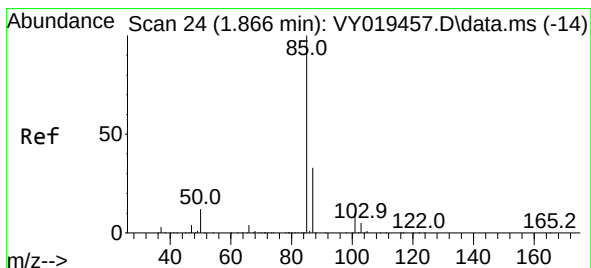
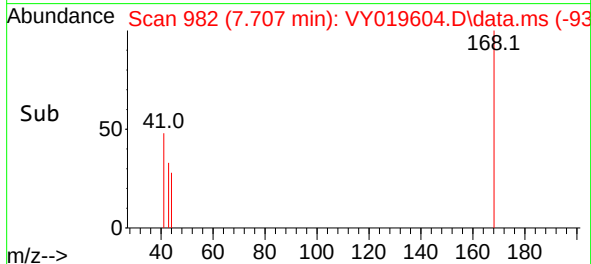
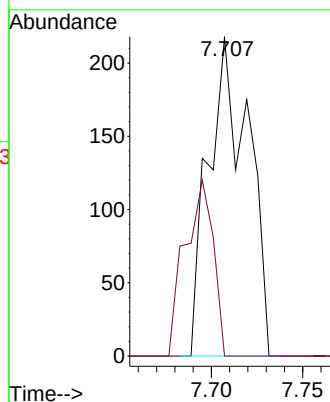
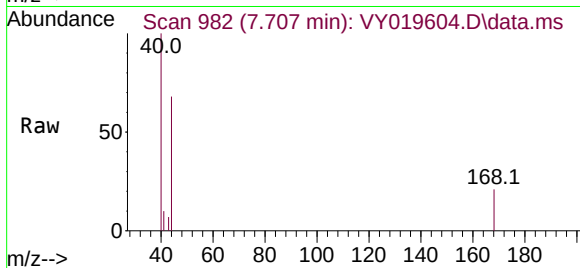




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

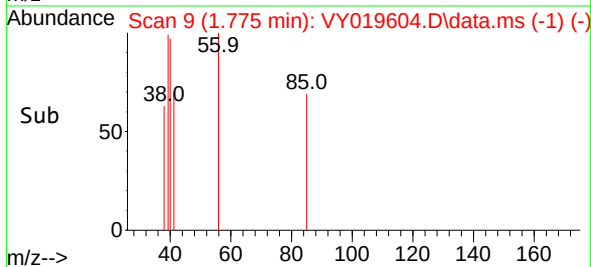
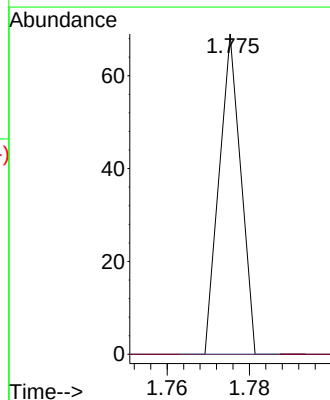
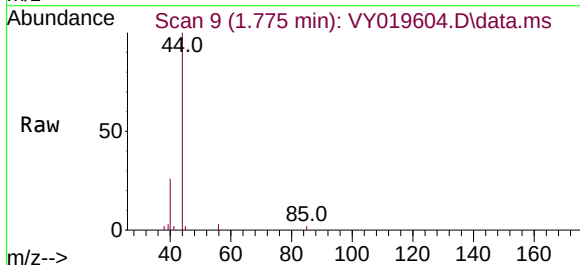
Instrument :
MSVOA_Y
ClientSampleId :

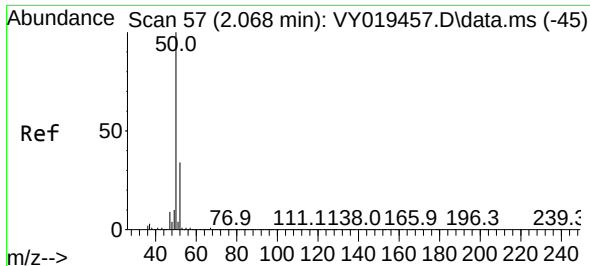
Tgt Ion:168 Resp: 331
Ion Ratio Lower Upper
168 100
99 0.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 10.591 ug/l
RT: 1.775 min Scan# 9
Delta R.T. -0.091 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

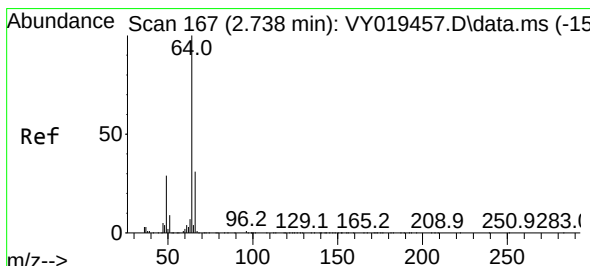
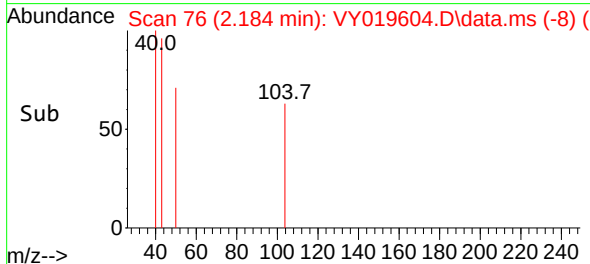
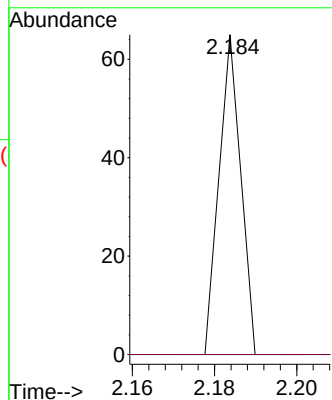
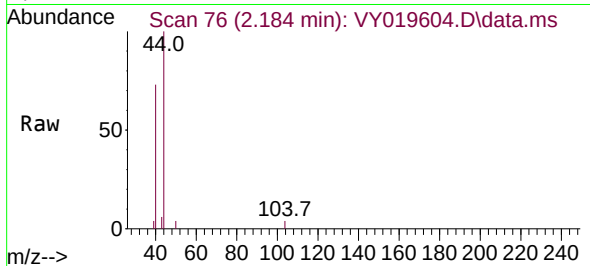




#3
Chloromethane
Concen: 8.764 ug/l
RT: 2.184 min Scan# 70
Delta R.T. 0.116 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

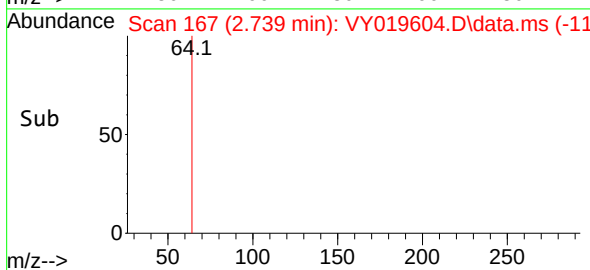
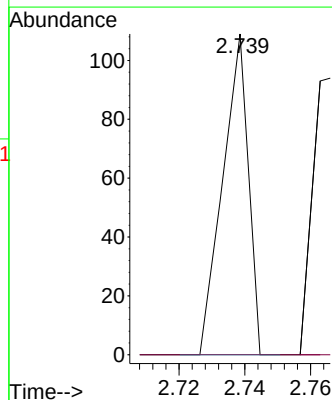
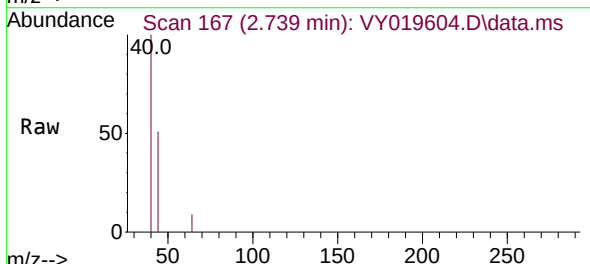
Instrument :
MSVOA_Y
ClientSampleId :

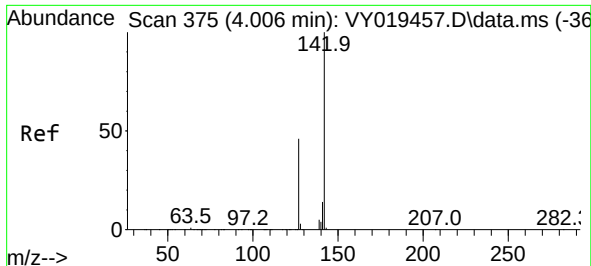
Tgt Ion: 50 Resp: 24
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#6
Chloroethane
Concen: 30.478 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

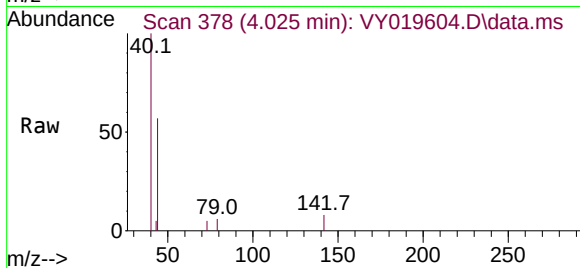
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



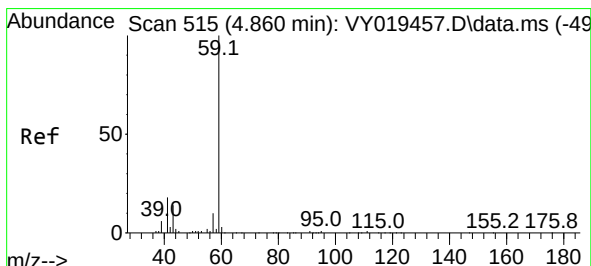
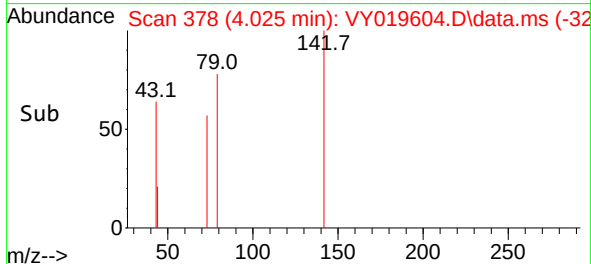
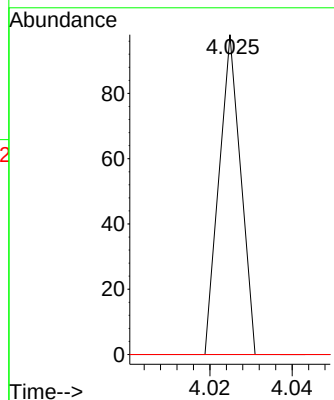


#10
Methyl Iodide
Concen: 9.195 ug/l
RT: 4.025 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :

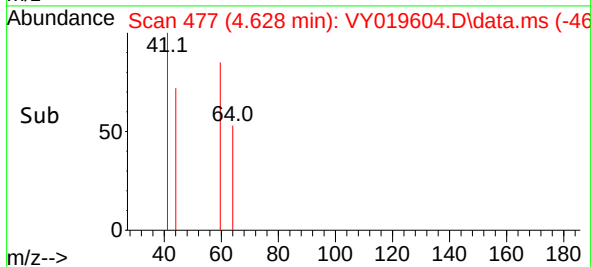
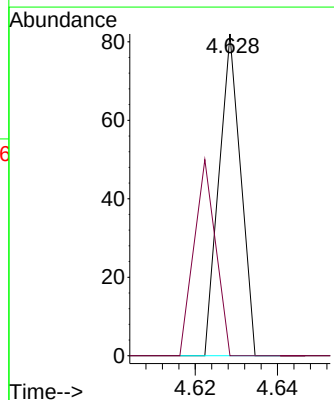
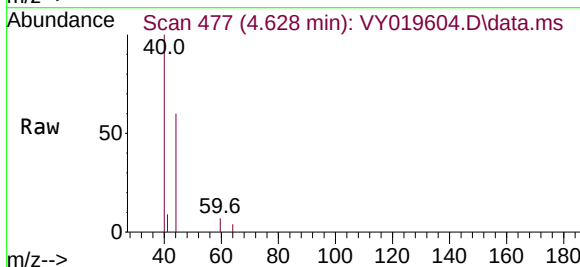


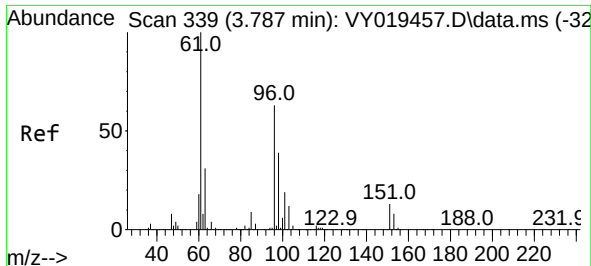
Tgt Ion:142 Resp: 36
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 121.201 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.231 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

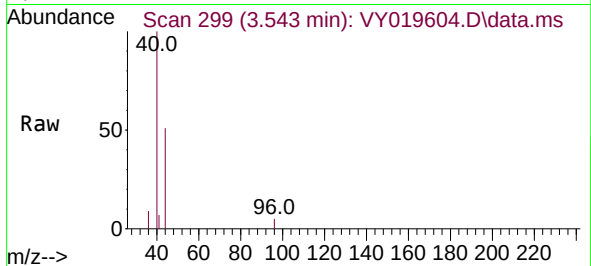
Tgt Ion: 59 Resp: 30
Ion Ratio Lower Upper
59 100
57 60.0 3.0 4.6#



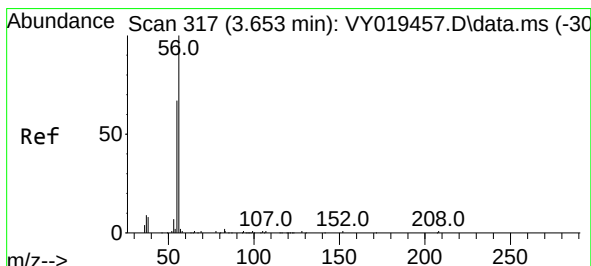
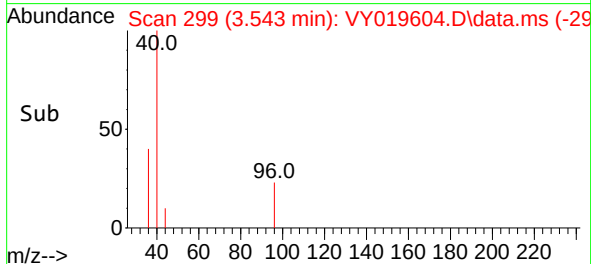
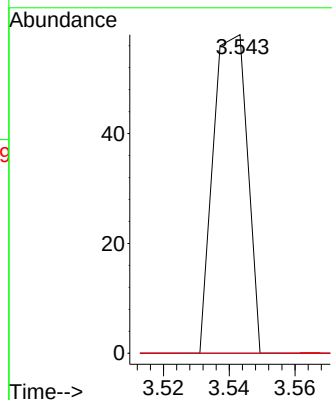


#12
 1,1-Dichloroethene
 Concen: 14.302 ug/l
 RT: 3.543 min Scan# 299
 Delta R.T. -0.244 min
 Lab File: VY019604.D
 Acq: 18 Sep 2024 14:34

Instrument :
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 ClientSampleId :

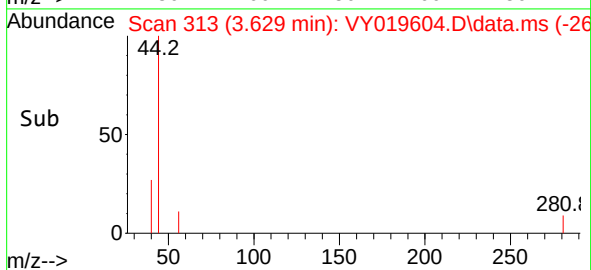
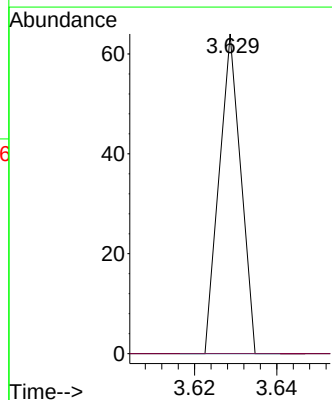
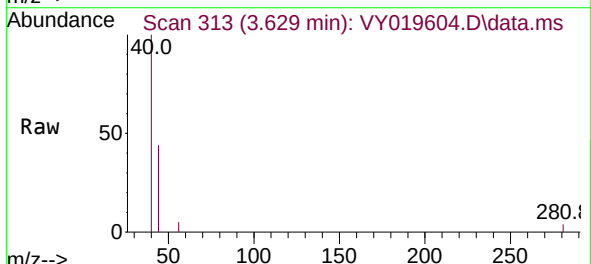


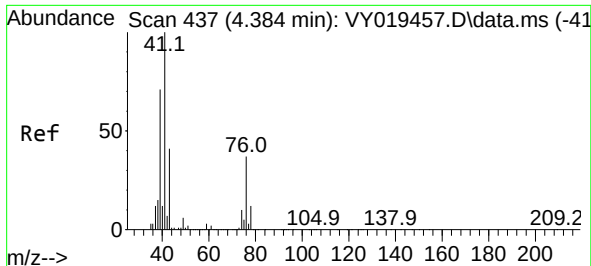
Tgt Ion: 96 Resp: 42
 Ion Ratio Lower Upper
 96 100
 61 0.0 114.6 171.8#
 98 0.0 50.8 76.2#



#13
 Acrolein
 Concen: 189.552 ug/l
 RT: 3.629 min Scan# 313
 Delta R.T. -0.024 min
 Lab File: VY019604.D
 Acq: 18 Sep 2024 14:34

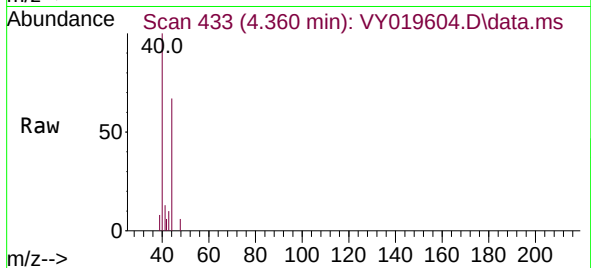
Tgt Ion: 56 Resp: 23
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.7 83.5#



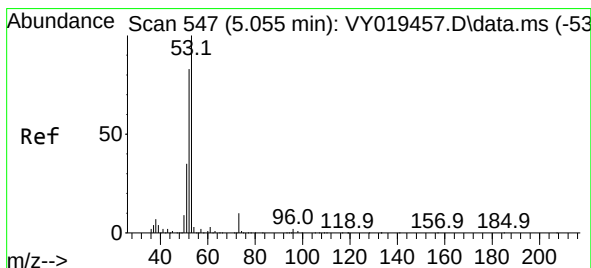
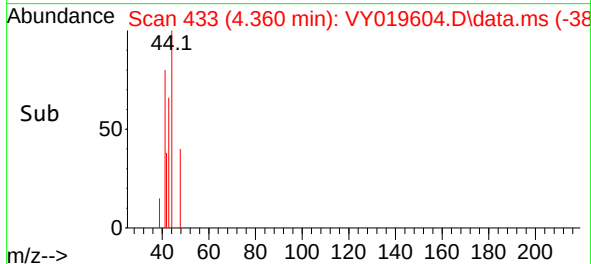
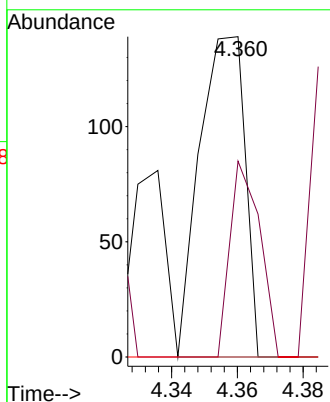


#14
 Allyl chloride
 Concen: 25.444 ug/l
 RT: 4.360 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: VY019604.D
 Acq: 18 Sep 2024 14:34

Instrument :
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 ClientSampleId :

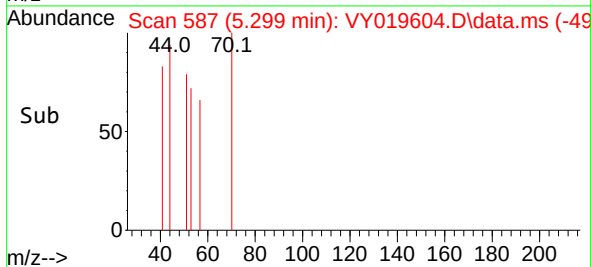
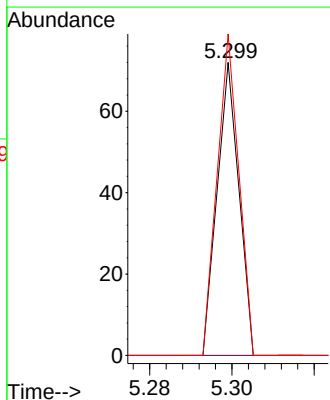
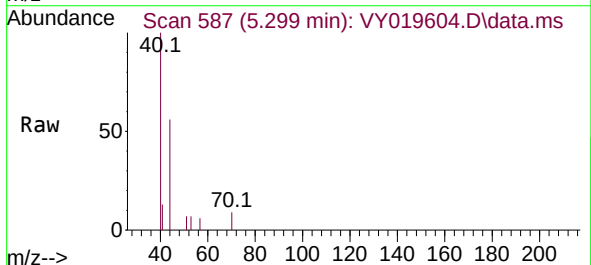


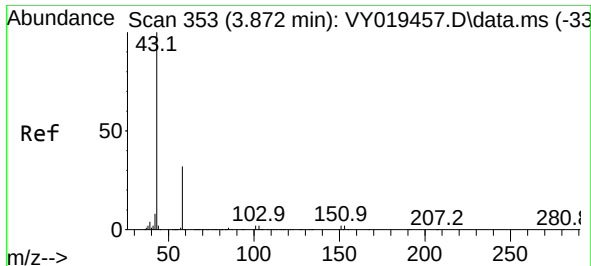
Tgt Ion: 41 Resp: 134
 Ion Ratio Lower Upper
 41 100
 39 40.3 58.3 87.5#
 76 0.0 39.0 58.6#



#15
 Acrylonitrile
 Concen: 36.391 ug/l
 RT: 5.299 min Scan# 587
 Delta R.T. 0.244 min
 Lab File: VY019604.D
 Acq: 18 Sep 2024 14:34

Tgt Ion: 53 Resp: 26
 Ion Ratio Lower Upper
 53 100
 52 0.0 64.7 97.1#
 51 111.5 28.4 42.6#

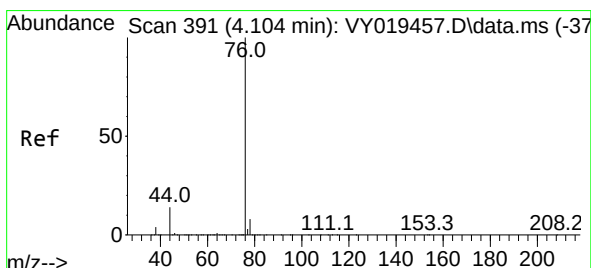
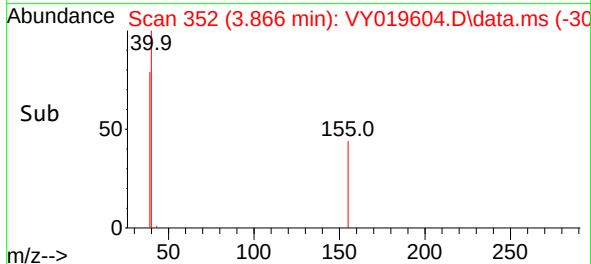
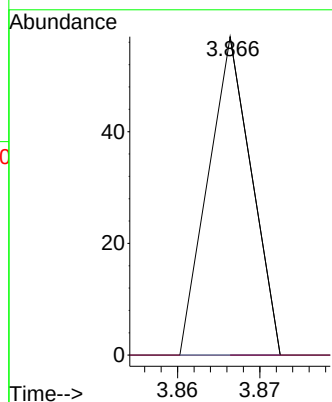
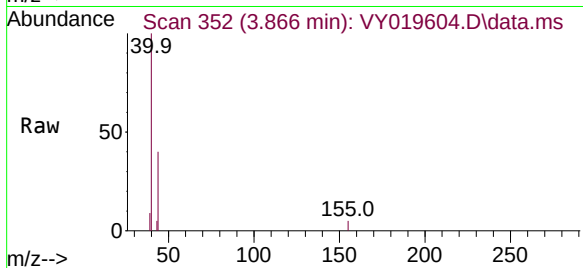




#16
Acetone
Concen: 28.760 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

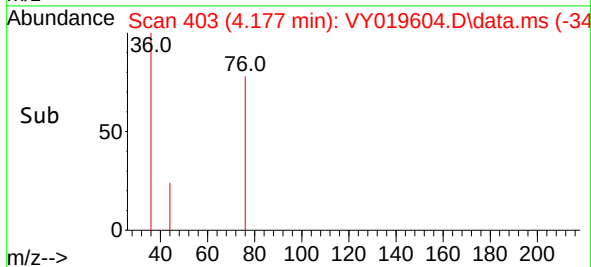
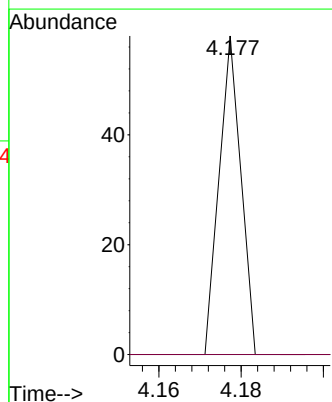
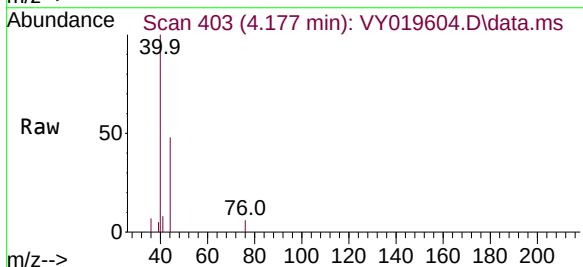
Instrument :
MSVOA_Y
ClientSampleId :

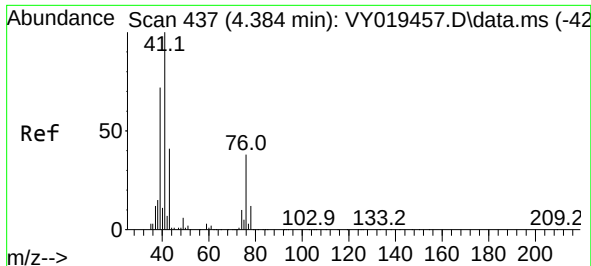
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#17
Carbon Disulfide
Concen: 2.647 ug/l
RT: 4.177 min Scan# 403
Delta R.T. 0.073 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Tgt Ion: 76 Resp: 21
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

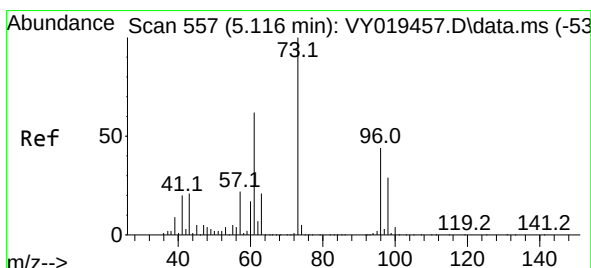
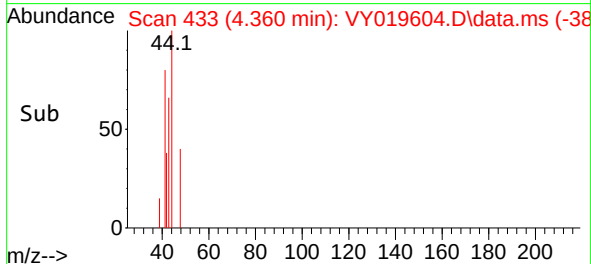
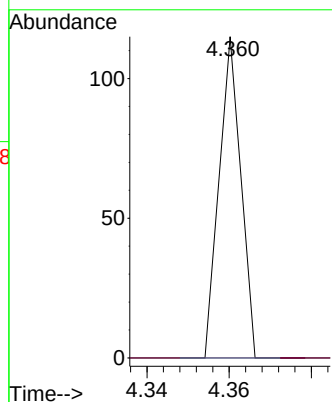
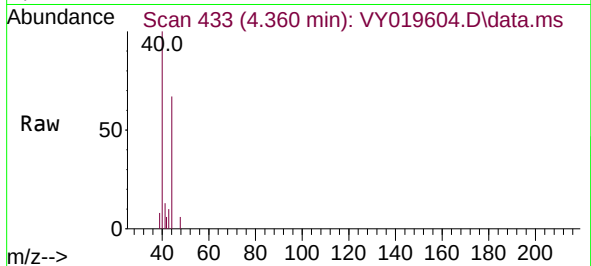




#18
Methyl Acetate
Concen: 21.195 ug/l
RT: 4.360 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

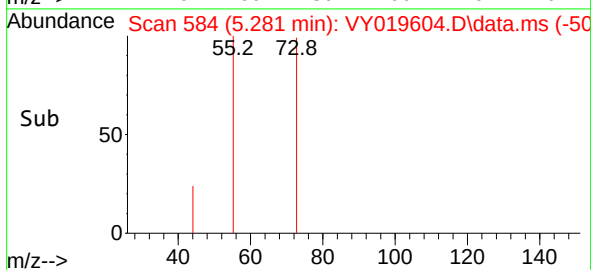
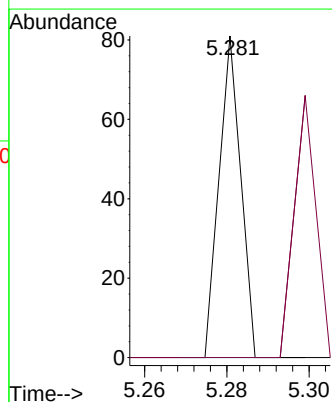
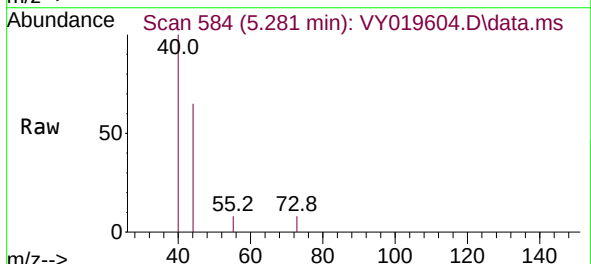
Instrument :
MSVOA_Y
ClientSampleId :

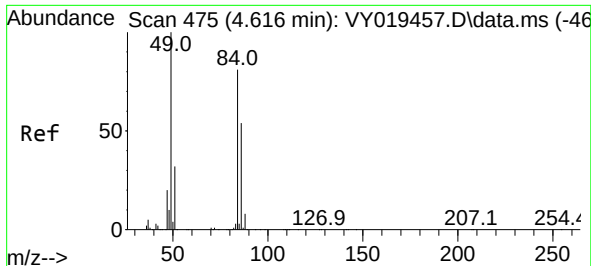
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#19
Methyl tert-butyl Ether
Concen: 3.607 ug/l
RT: 5.281 min Scan# 584
Delta R.T. 0.165 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Tgt Ion: 73 Resp: 30
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#





#20

Methylene Chloride

Concen: 18.018 ug/l

RT: 4.598 min Scan# 41

Delta R.T. -0.018 min

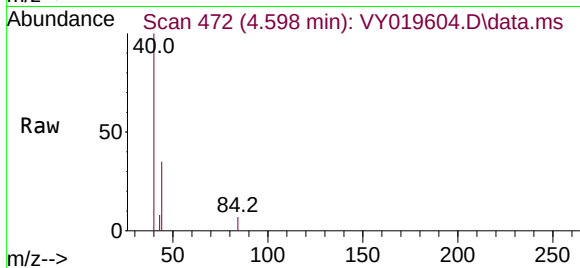
Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 60

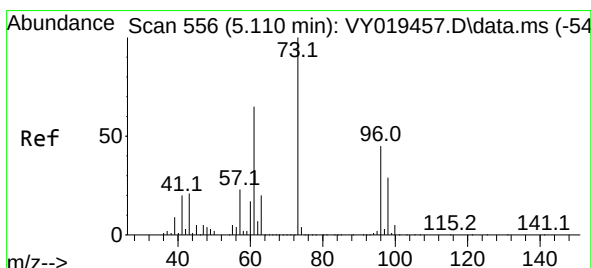
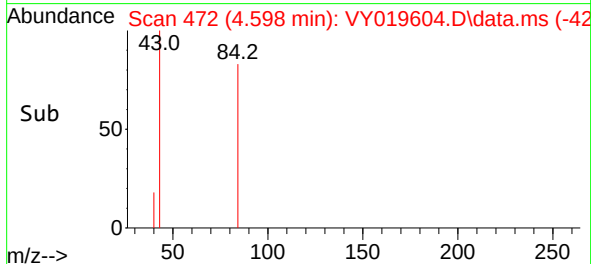
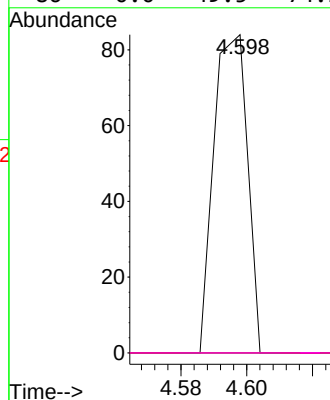
Ion Ratio Lower Upper

84 100

49 0.0 84.4 126.6#

51 0.0 26.0 39.0#

86 0.0 49.5 74.3#



#21

trans-1,2-Dichloroethene

Concen: 9.320 ug/l

RT: 5.275 min Scan# 583

Delta R.T. 0.165 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

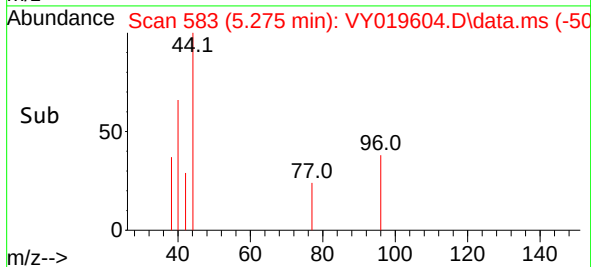
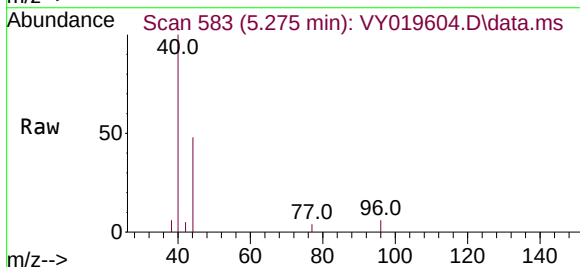
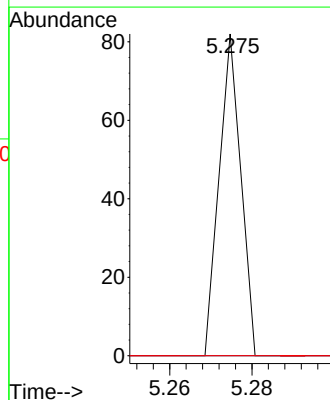
Tgt Ion: 96 Resp: 30

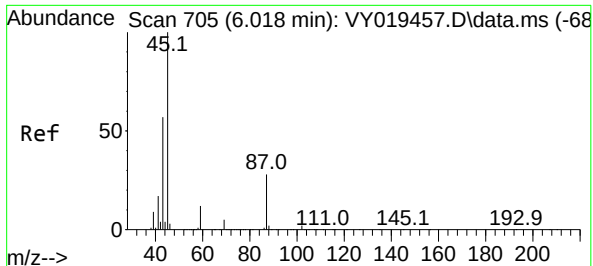
Ion Ratio Lower Upper

96 100

61 0.0 97.5 146.3#

98 0.0 50.5 75.7#





#22

Diisopropyl ether

Concen: 2.312 ug/l

RT: 5.970 min Scan# 697

Delta R.T. -0.048 min

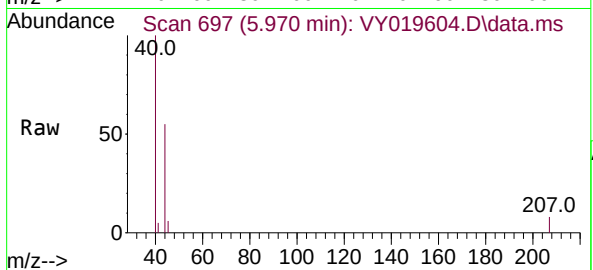
Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Instrument :

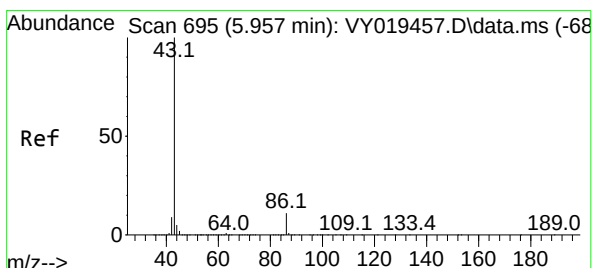
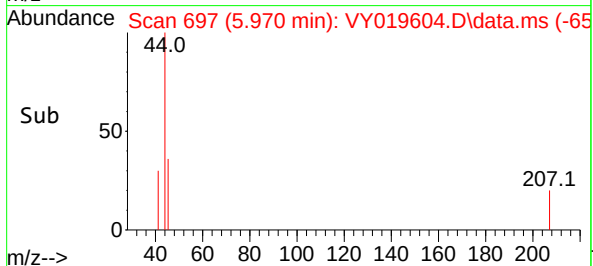
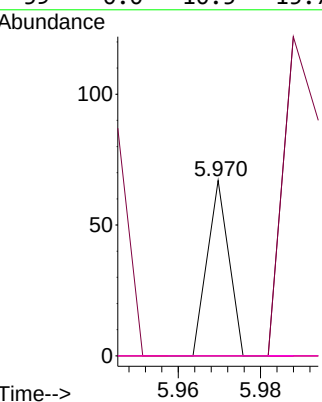
MSVOA_Y

ClientSampleId :



Tgt Ion: 45 Resp: 25

Ion	Ratio	Lower	Upper
45	100		
43	0.0	42.2	63.2#
87	0.0	25.0	37.6#
59	0.0	10.5	15.7#



#23

Vinyl Acetate

Concen: 9.875 ug/l

RT: 5.945 min Scan# 693

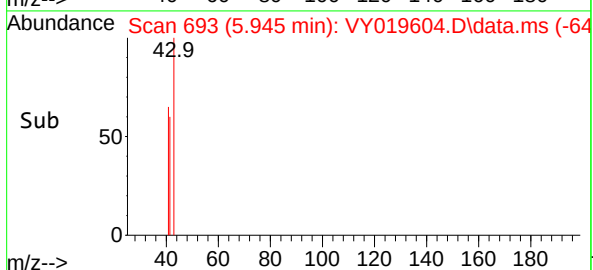
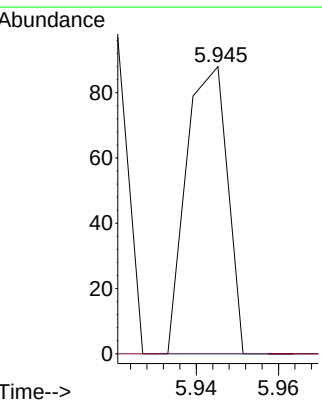
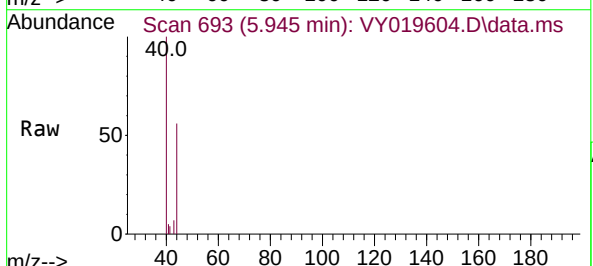
Delta R.T. -0.012 min

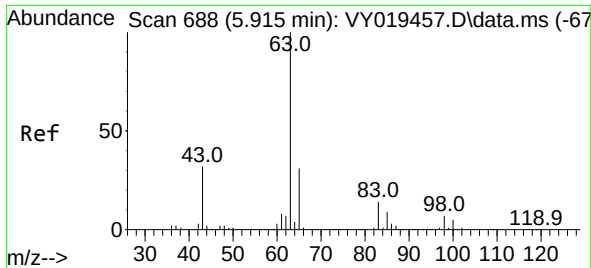
Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Tgt Ion: 43 Resp: 61

Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#

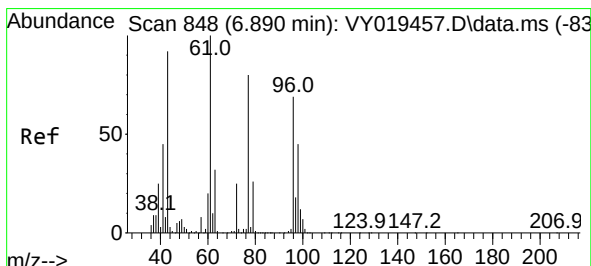
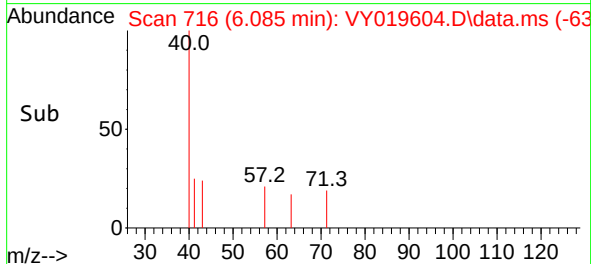
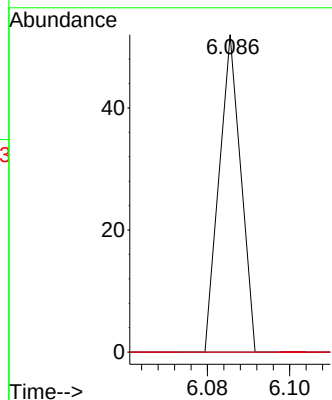
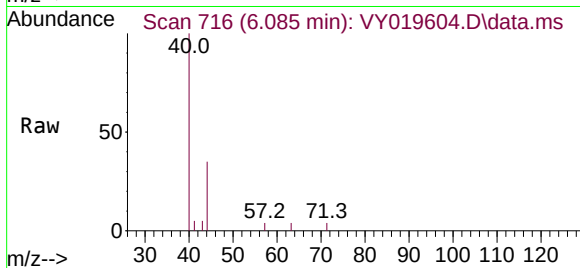




#24
1,1-Dichloroethane
Concen: 3.131 ug/l
RT: 6.085 min Scan# 71
Delta R.T. 0.171 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

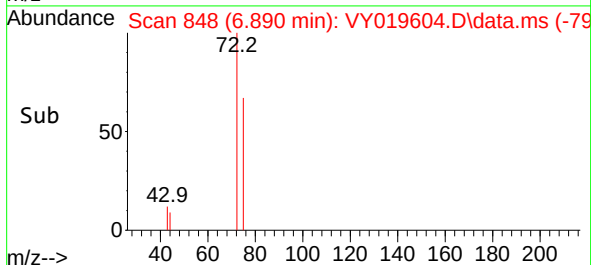
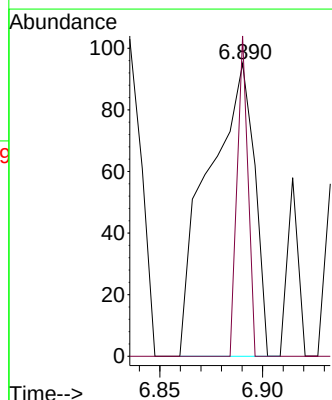
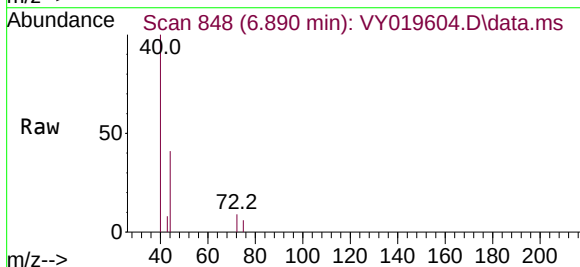
Instrument :
MSVOA_Y
ClientSampleId :

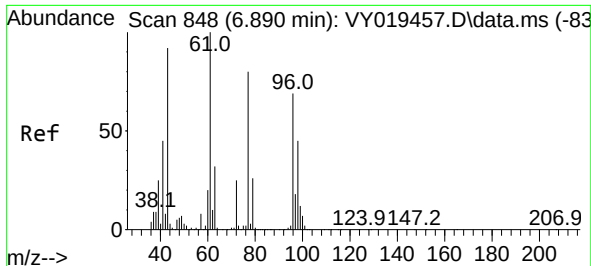
Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#



#25
2-Butanone
Concen: 142.512 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
72 109.5 27.3 40.9#





#27

cis-1,2-Dichloroethene

Concen: 4.859 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.012 min

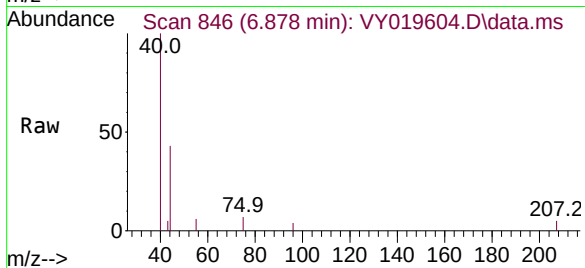
Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :



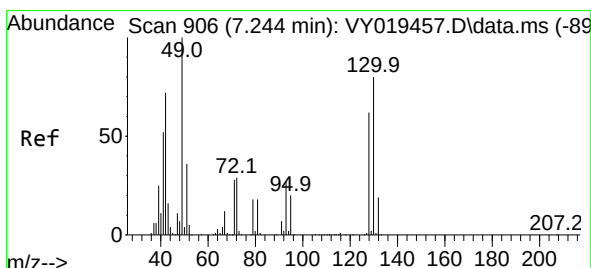
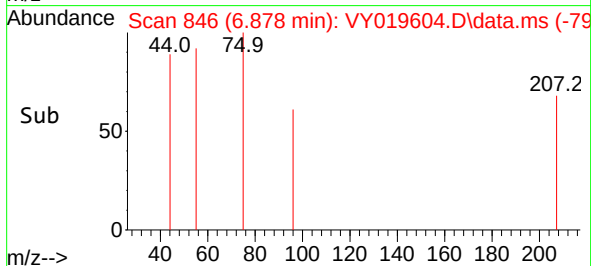
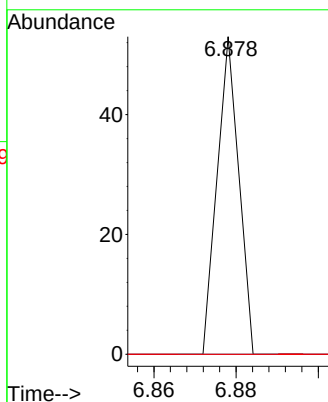
Tgt Ion: 96 Resp: 19

Ion Ratio Lower Upper

96 100

61 0.0 0.0 256.2

98 0.0 0.0 130.0



#28

Bromochloromethane

Concen: 7.441 ug/l

RT: 7.207 min Scan# 900

Delta R.T. -0.036 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

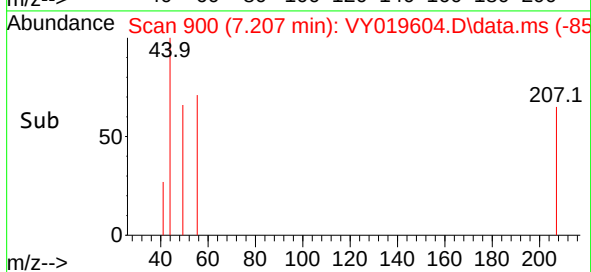
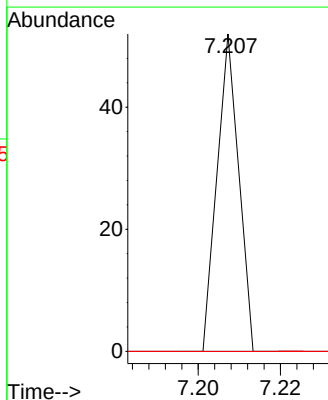
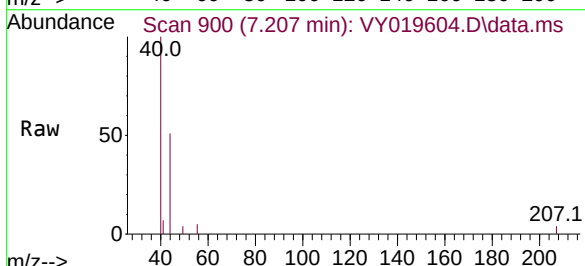
Tgt Ion: 49 Resp: 19

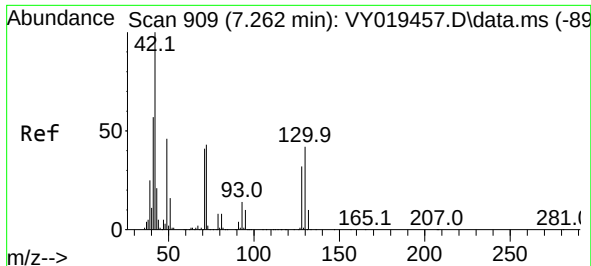
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 164.705 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.024 min

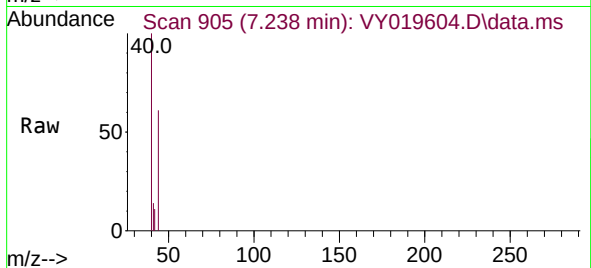
Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

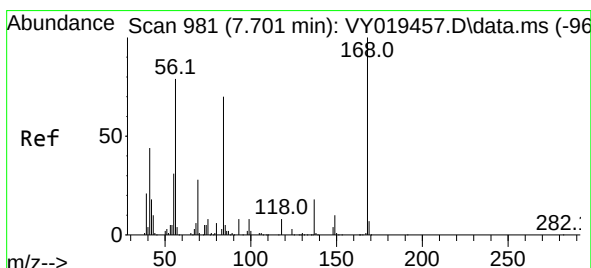
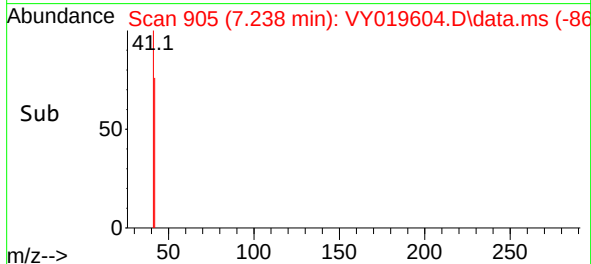
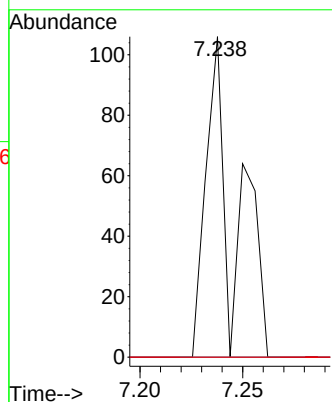
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	104
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: 6.016 ug/l

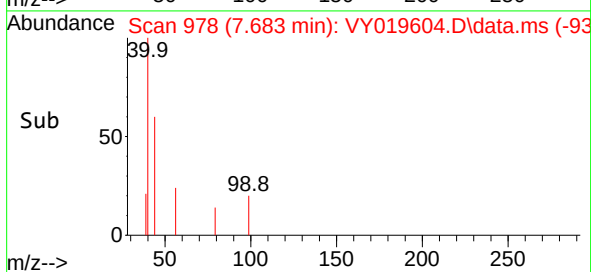
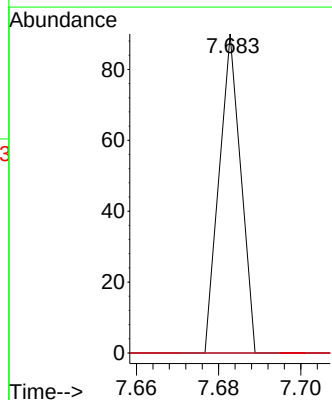
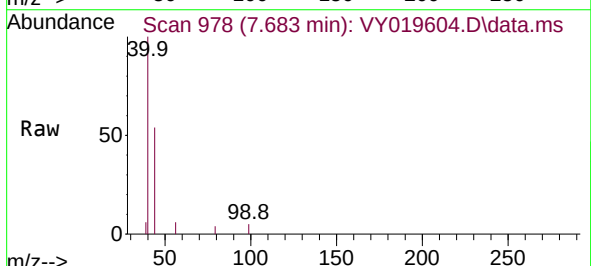
RT: 7.683 min Scan# 978

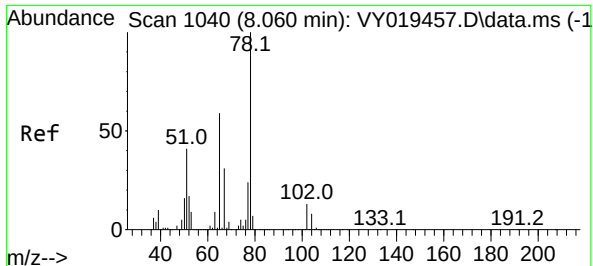
Delta R.T. -0.018 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Tgt Ion:	56	Resp:	33
Ion	Ratio	Lower	Upper
56	100		
69	0.0	28.7	43.1#
84	0.0	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 130.506 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Instrument :

MSVOA_Y

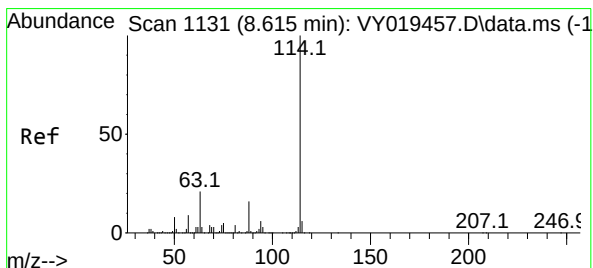
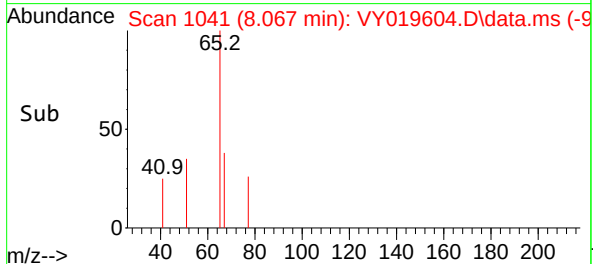
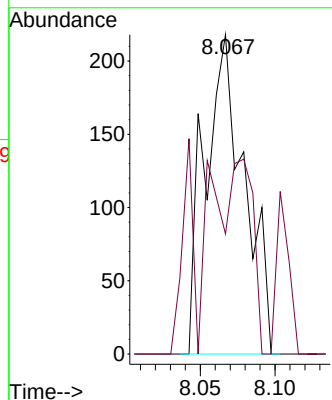
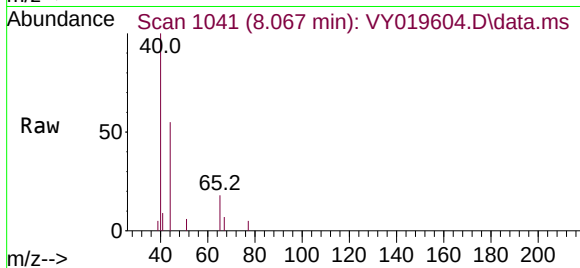
ClientSampleId :

Tgt Ion: 65 Resp: 400

Ion Ratio Lower Upper

65 100

67 34.0 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: VY019604.D

Acq: 18 Sep 2024 14:34

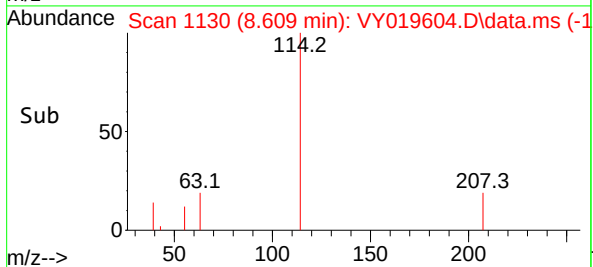
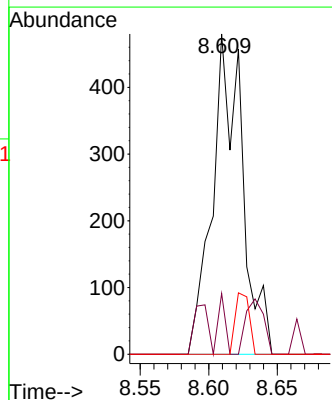
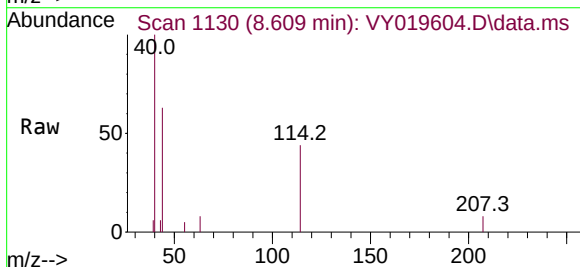
Tgt Ion: 114 Resp: 729

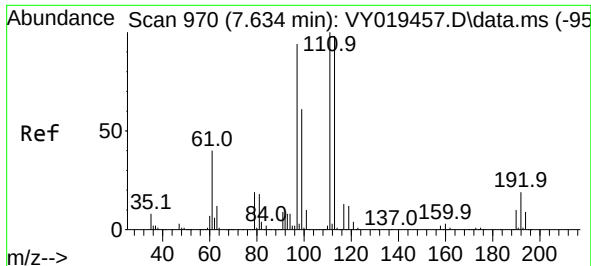
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 0.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 60.242 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.006 min

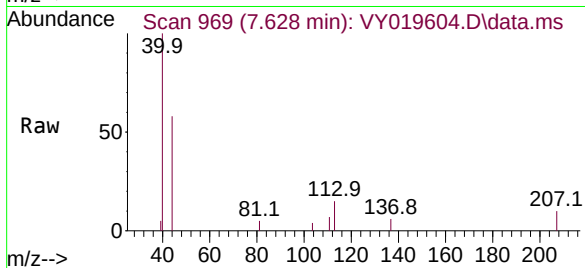
Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

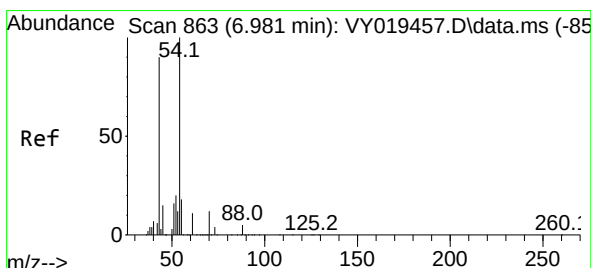
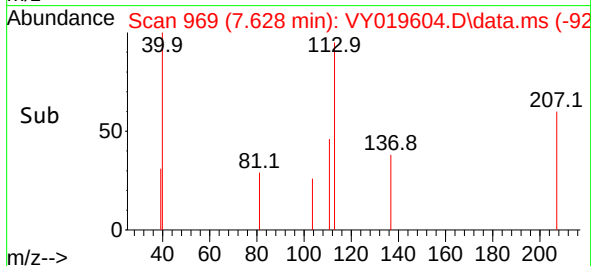
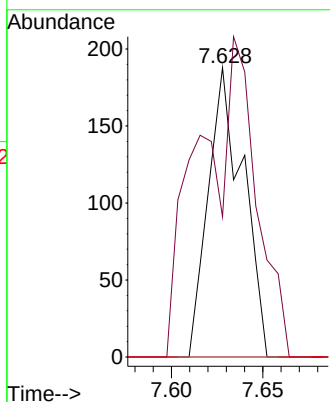
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	249
Ion	Ratio	Lower	Upper
113	100		
111	178.3	82.2	123.4#
192	0.0	15.9	23.9#



#37

Ethyl Acetate

Concen: 23.597 ug/l

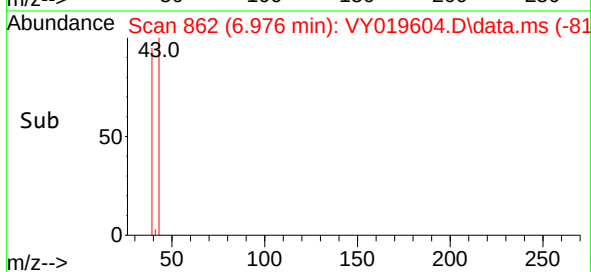
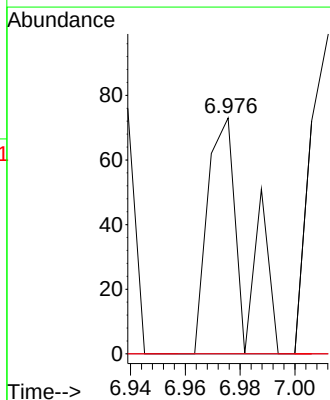
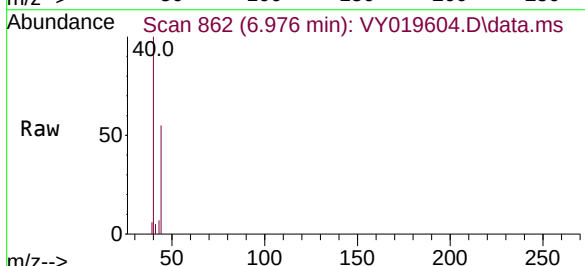
RT: 6.976 min Scan# 862

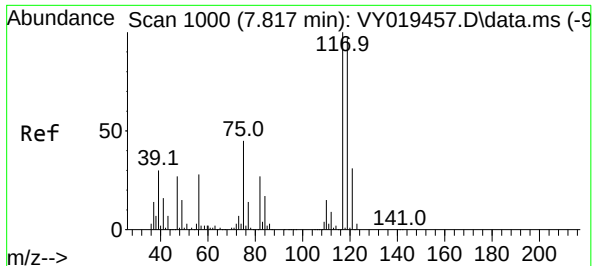
Delta R.T. -0.006 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

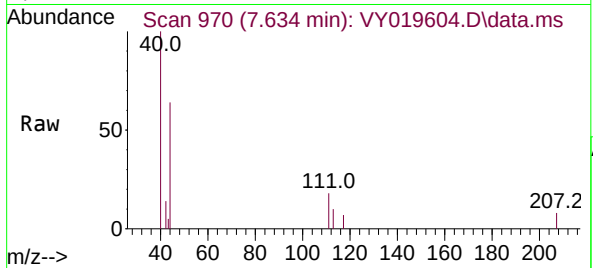
Tgt Ion:	43	Resp:	68
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	7.8	11.8#



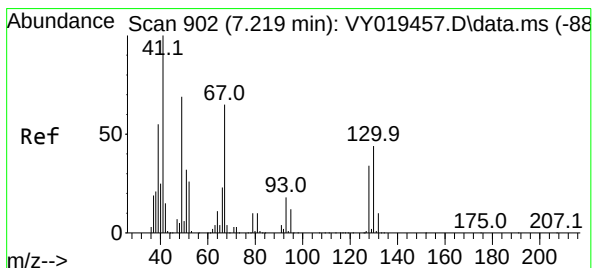
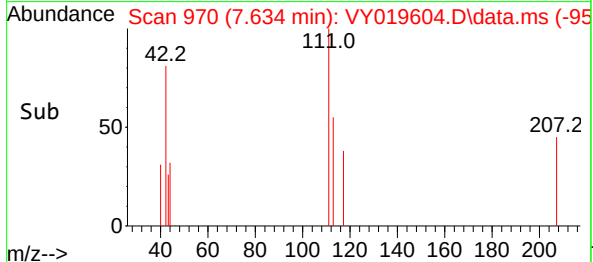
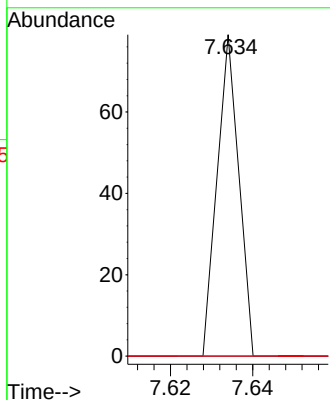


#38
Carbon Tetrachloride
Concen: 4.572 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.183 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :

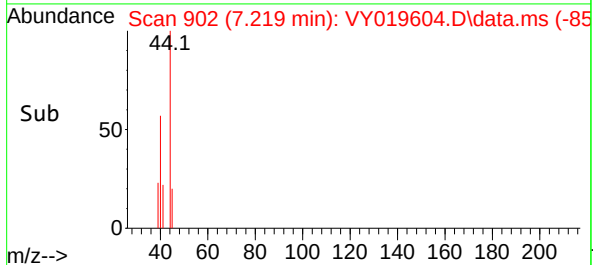
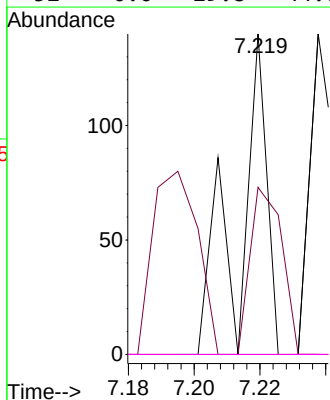
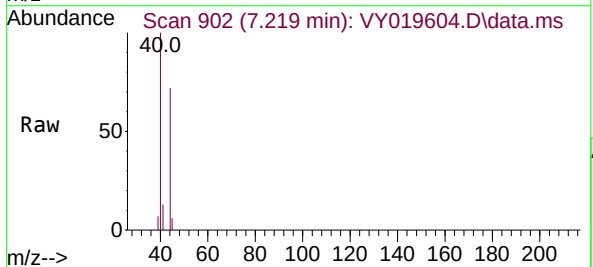


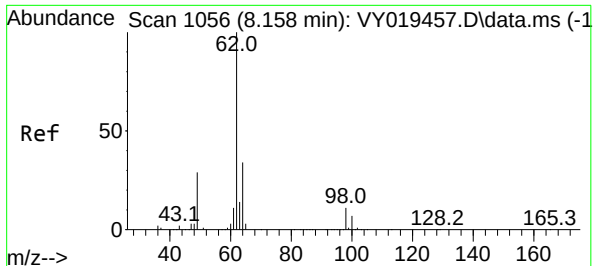
Tgt Ion: 117 Resp: 29
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 49.410 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Tgt Ion: 41 Resp: 83
Ion Ratio Lower Upper
41 100
39 59.0 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#





#42

1,2-Dichloroethane

Concen: 5.363 ug/l

RT: 8.250 min Scan# 1071

Delta R.T. 0.092 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Instrument :

MSVOA_Y

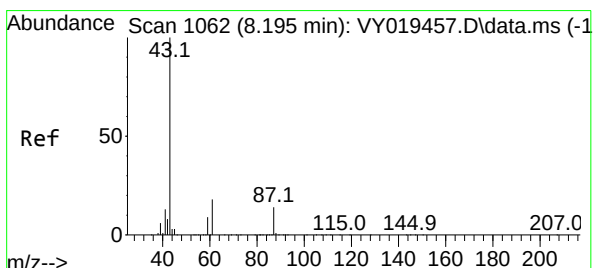
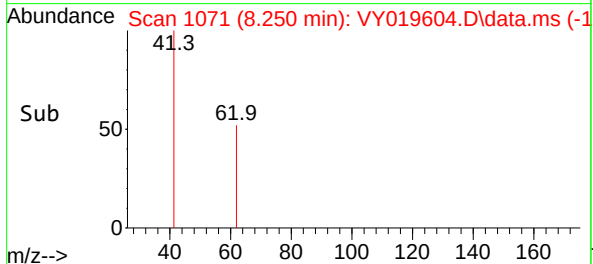
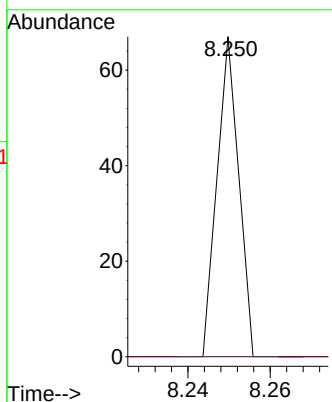
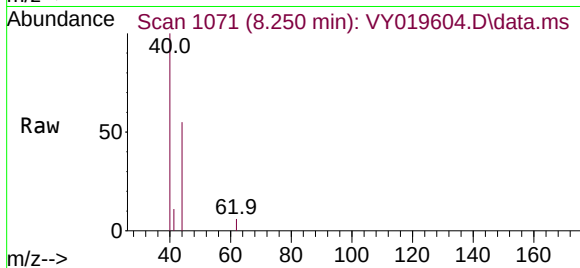
ClientSampleId :

Tgt Ion: 62 Resp: 25

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0



#43

Isopropyl Acetate

Concen: 9.910 ug/l

RT: 8.183 min Scan# 1060

Delta R.T. -0.012 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

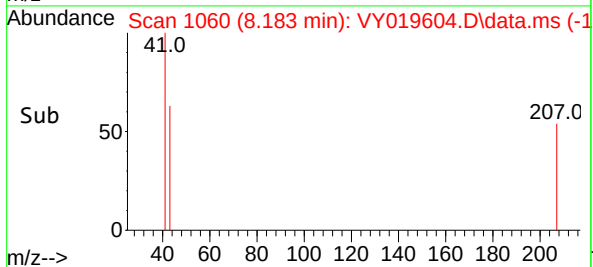
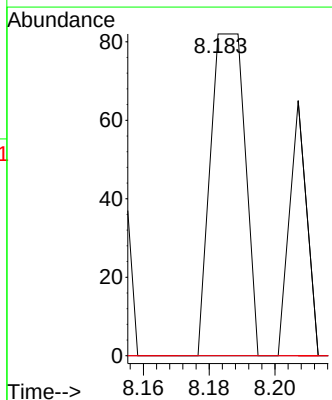
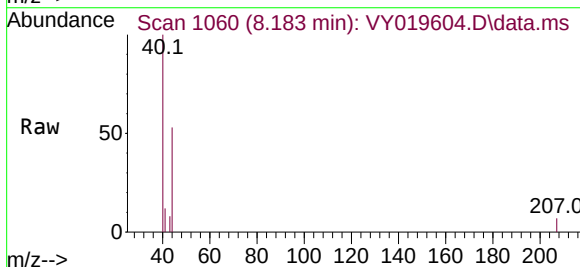
Tgt Ion: 43 Resp: 60

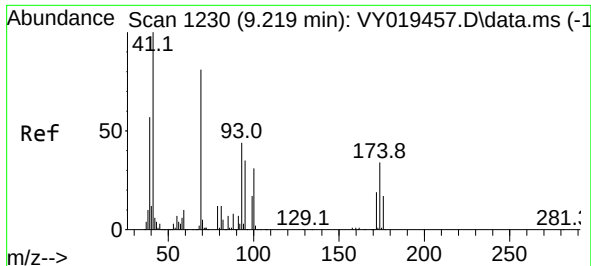
Ion Ratio Lower Upper

43 100

61 0.0 27.9 41.9#

87 0.0 13.1 19.7#





#48

Methyl methacrylate

Concen: 33.228 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.006 min

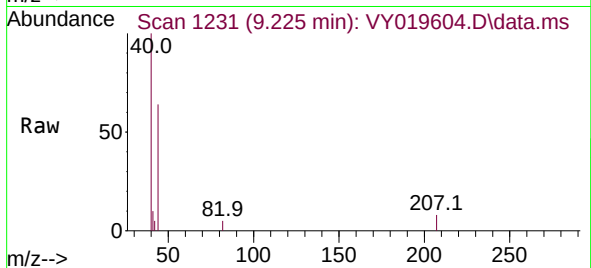
Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :



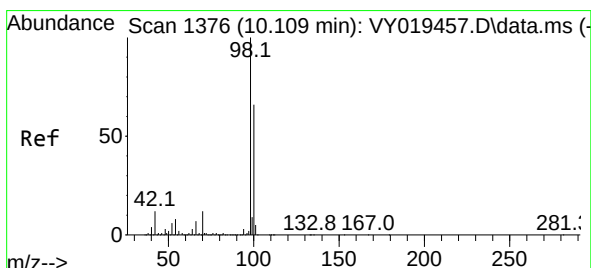
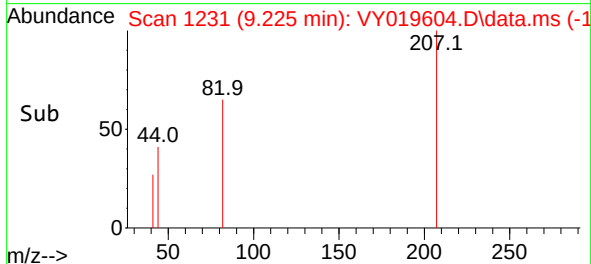
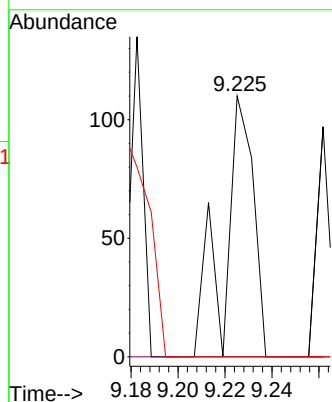
Tgt Ion: 41 Resp: 95

Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 0.0 43.6 65.4#



#50

Toluene-d8

Concen: 35.910 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY019604.D

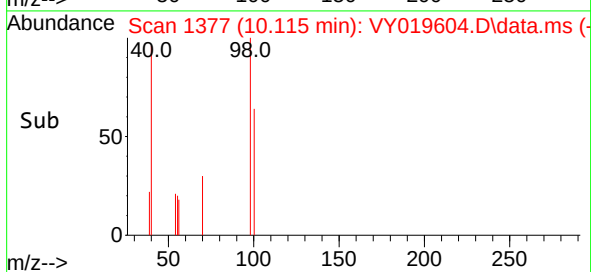
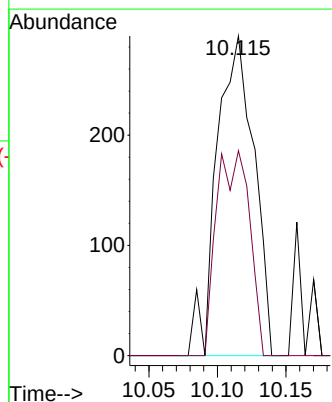
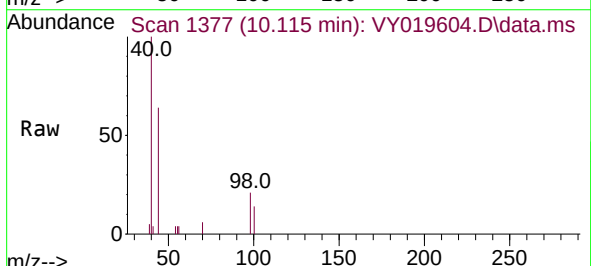
Acq: 18 Sep 2024 14:34

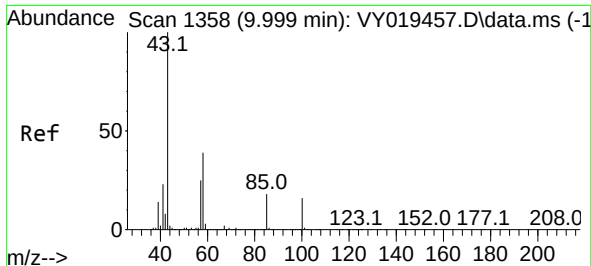
Tgt Ion: 98 Resp: 549

Ion Ratio Lower Upper

98 100

100 56.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 18.057 ug/l

RT: 9.981 min Scan# 1355

Delta R.T. -0.018 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Instrument :

MSVOA_Y

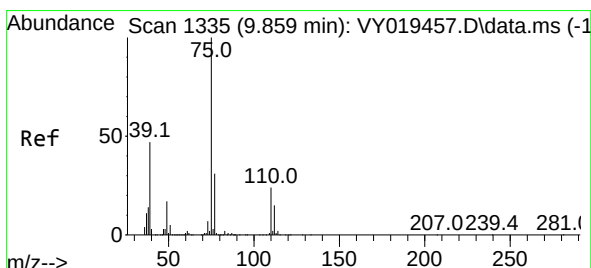
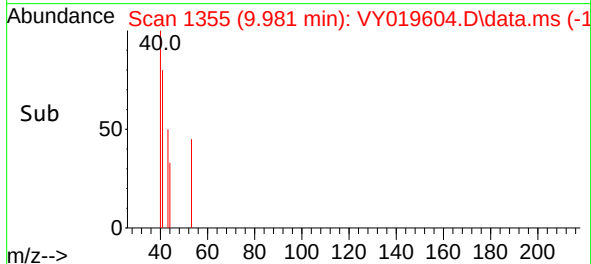
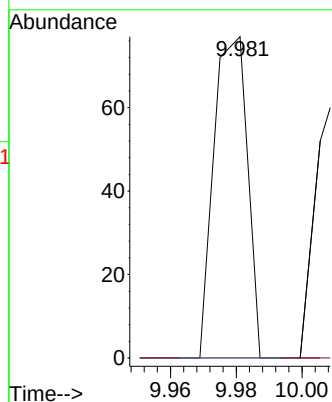
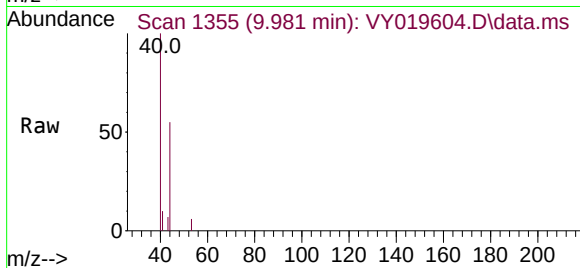
ClientSampleId :

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

58 0.0 35.7 53.5#



#54

cis-1,3-Dichloropropene

Concen: 2.894 ug/l

RT: 9.798 min Scan# 1325

Delta R.T. -0.061 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

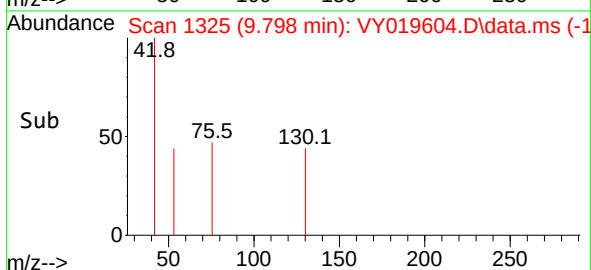
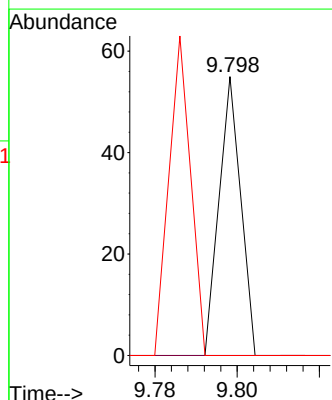
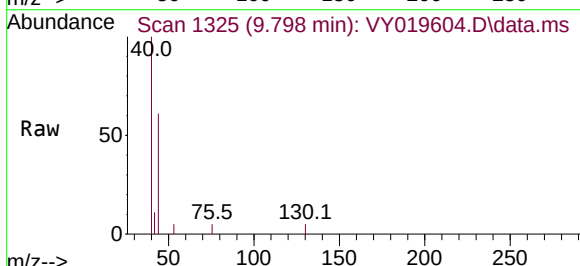
Tgt Ion: 75 Resp: 20

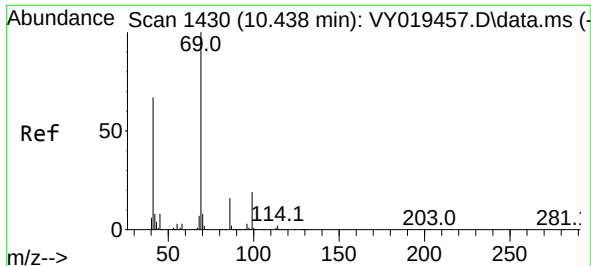
Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 0.0 29.8 44.6#





#56

Ethyl methacrylate

Concen: 5.969 ug/l

RT: 10.487 min Scan# 1430

Delta R.T. 0.049 min

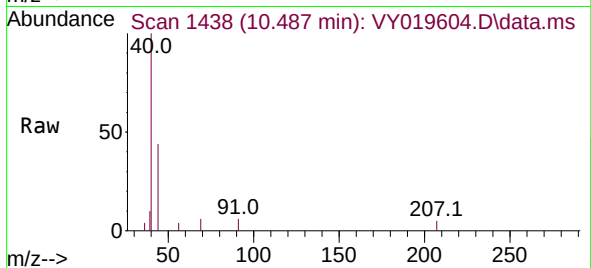
Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

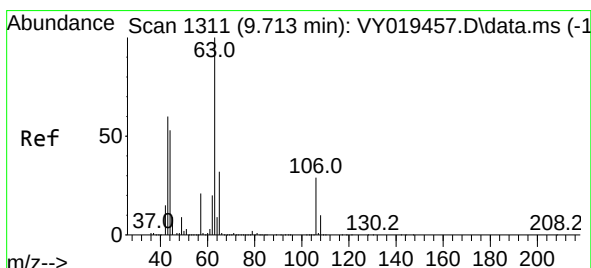
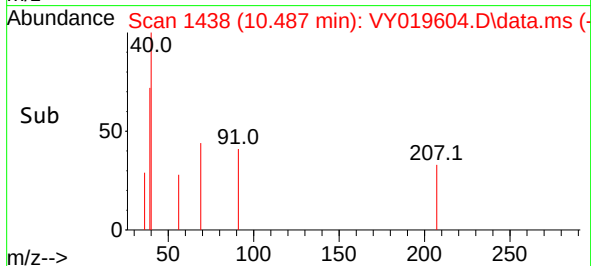
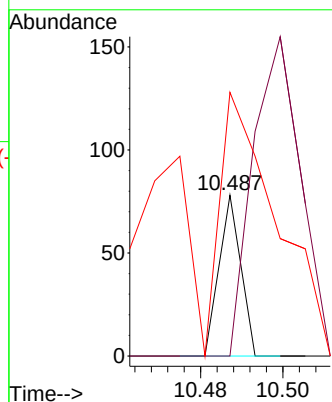
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 69	Resp: 29
Ion Ratio	Lower Upper
69	100
41	427.6 42.3 63.5#
39	489.7 22.9 34.3#



#58

2-Chloroethyl Vinyl ether

Concen: 13.305 ug/l

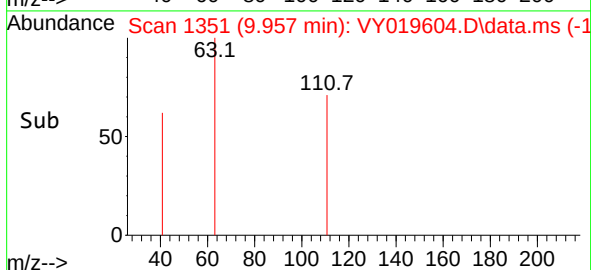
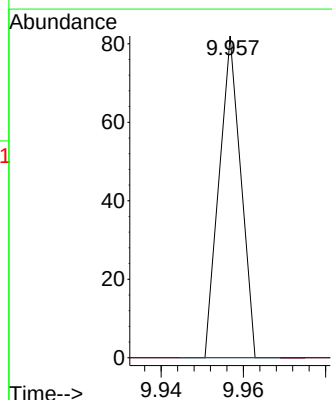
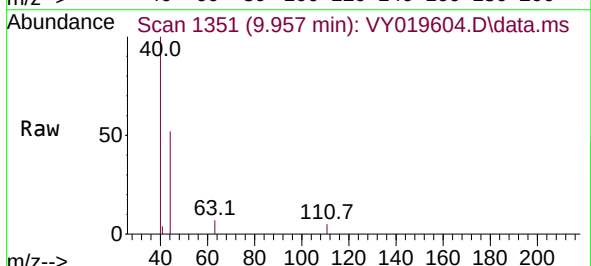
RT: 9.957 min Scan# 1351

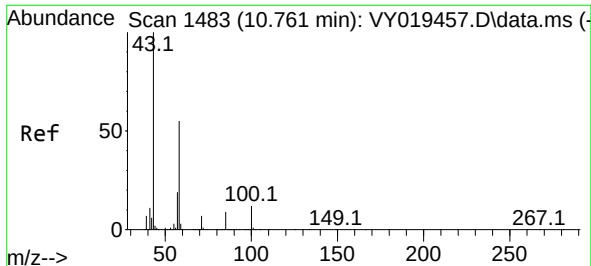
Delta R.T. 0.244 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Tgt Ion: 63	Resp: 30
Ion Ratio	Lower Upper
63	100
106	0.0 23.7 35.5#

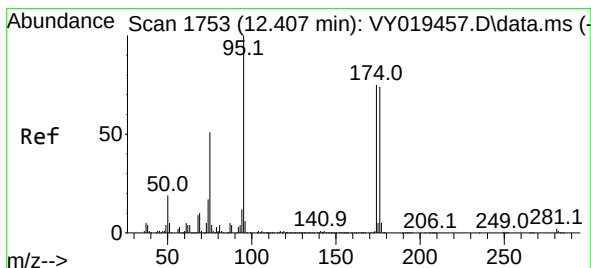
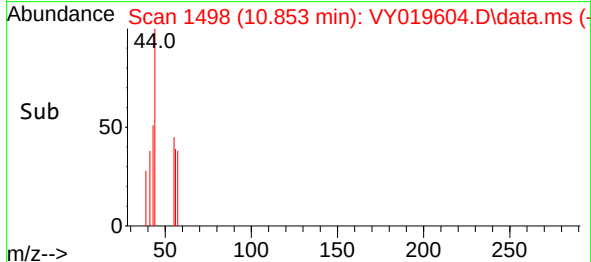
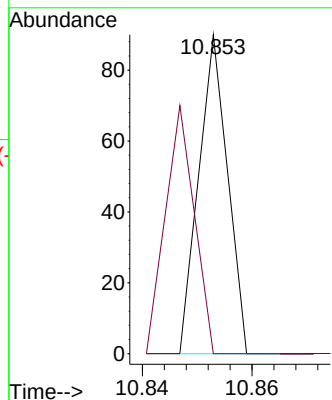
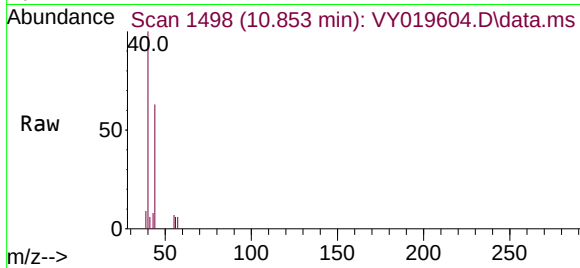




#59
2-Hexanone
Concen: 14.778 ug/l
RT: 10.853 min Scan# 14
Delta R.T. 0.092 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

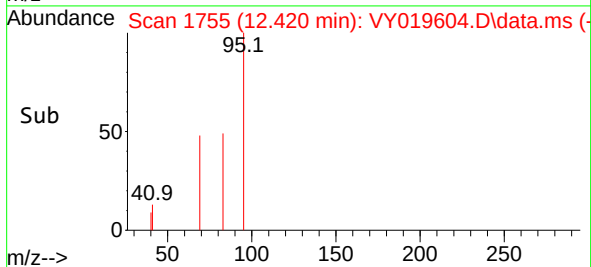
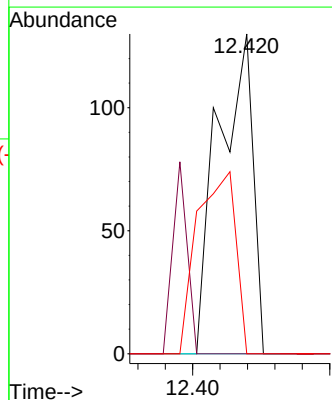
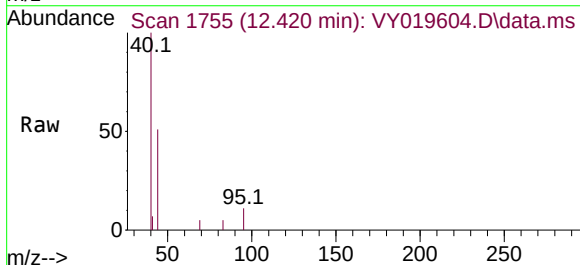
Instrument :
MSVOA_Y
ClientSampleId :

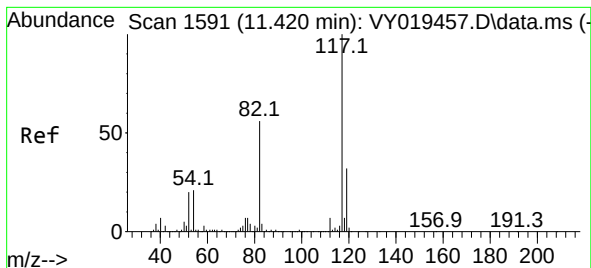
Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
58 78.8 31.4 94.0



#62
4-Bromofluorobenzene
Concen: 19.393 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Tgt Ion: 95 Resp: 114
Ion Ratio Lower Upper
95 100
174 0.0 0.0 175.6
176 63.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019604.D

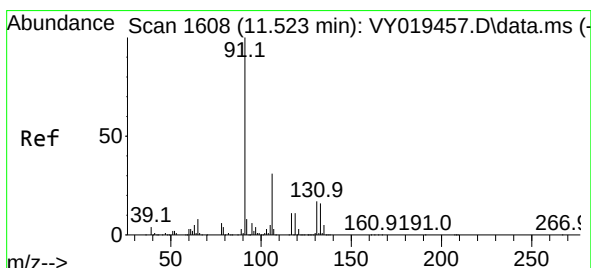
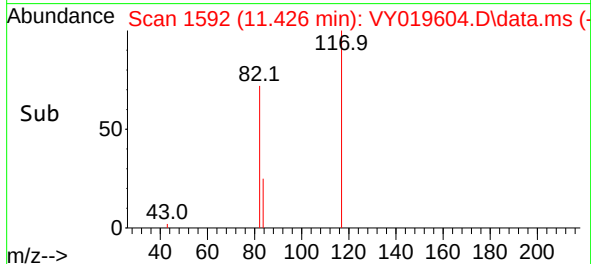
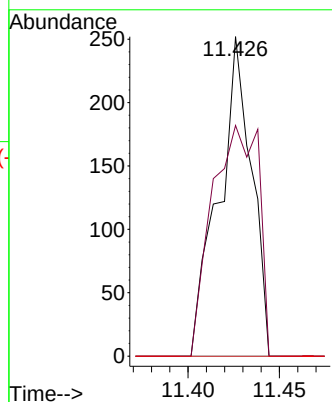
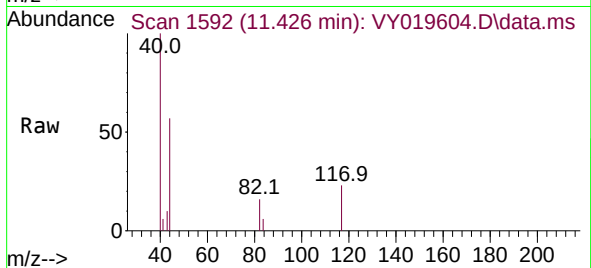
Acq: 18 Sep 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	315
Ion	Ratio	Lower Upper
117	100	
82	72.2	42.4 63.6#
119	0.0	25.9 38.9#



#67

Ethyl Benzene

Concen: 2.816 ug/l

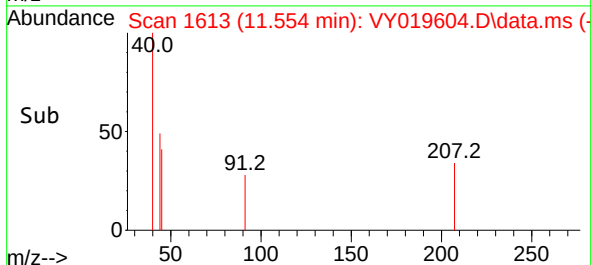
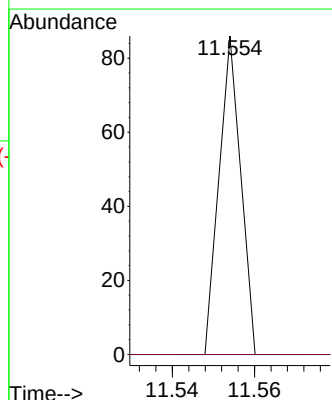
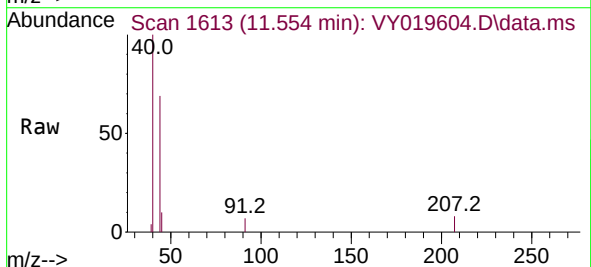
RT: 11.554 min Scan# 1613

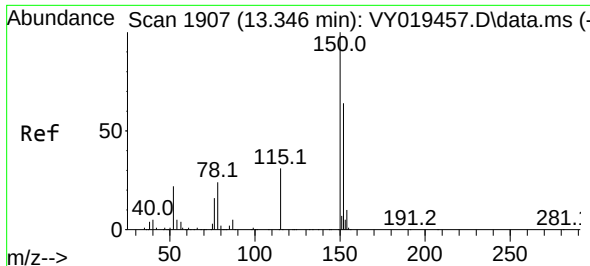
Delta R.T. 0.031 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

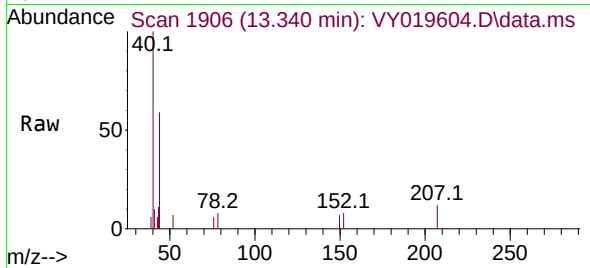
Tgt Ion: 91	Resp:	31
Ion	Ratio	Lower Upper
91	100	
106	0.0	24.5 36.7#



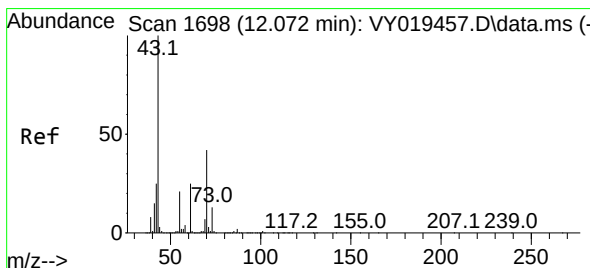
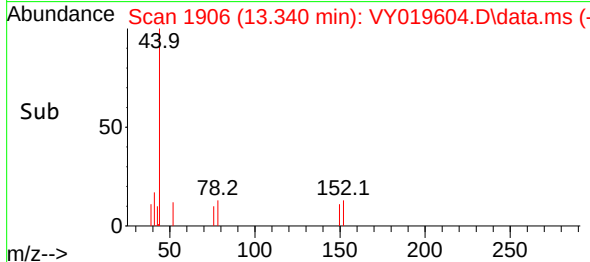
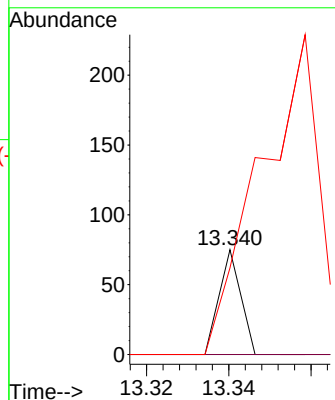


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY019604.D
 Acq: 18 Sep 2024 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :

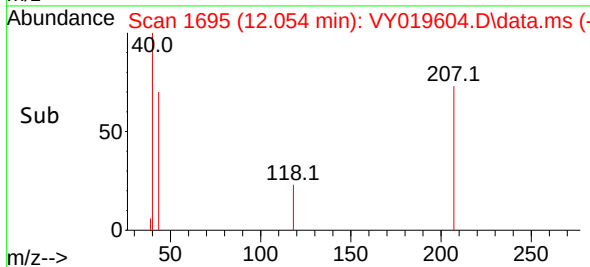
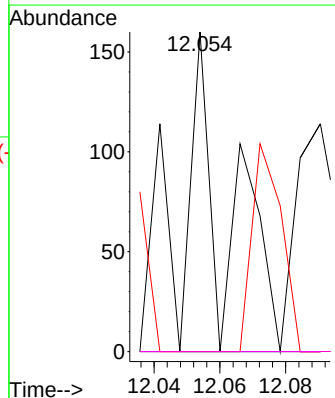
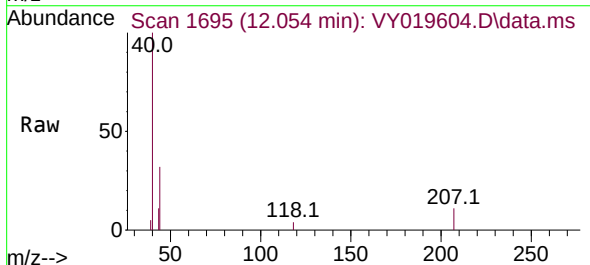


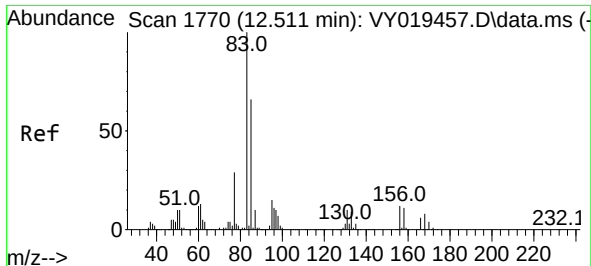
Tgt Ion:152 Resp: 27
 Ion Ratio Lower Upper
 152 100
 115 0.0 28.2 84.7#
 150 988.9 0.0 345.6#



#74
 N-ethyl acetate
 Concen: 227.137 ug/l
 RT: 12.054 min Scan# 1695
 Delta R.T. -0.018 min
 Lab File: VY019604.D
 Acq: 18 Sep 2024 14:34

Tgt Ion: 43 Resp: 121
 Ion Ratio Lower Upper
 43 100
 70 0.0 41.4 62.2#
 55 53.7 23.3 34.9#
 61 0.0 22.6 33.8#

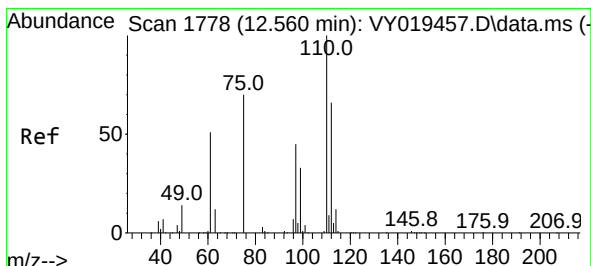
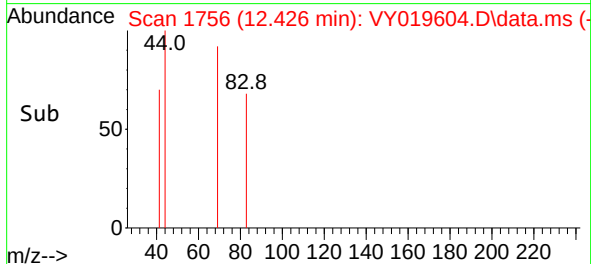
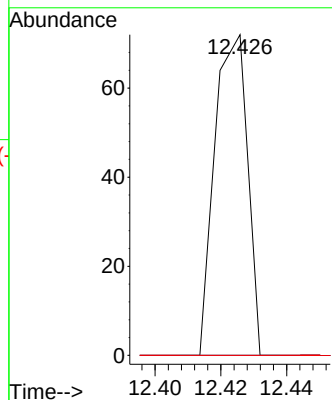
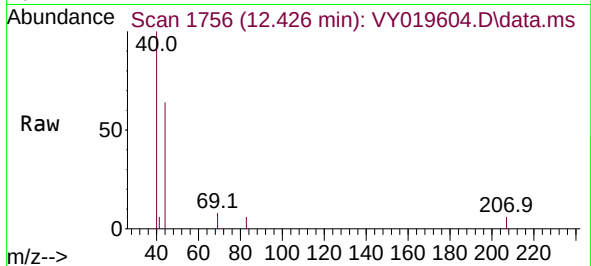




#75
1,1,2,2-Tetrachloroethane
Concen: 143.814 ug/l
RT: 12.426 min Scan# 1752
Delta R.T. -0.085 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

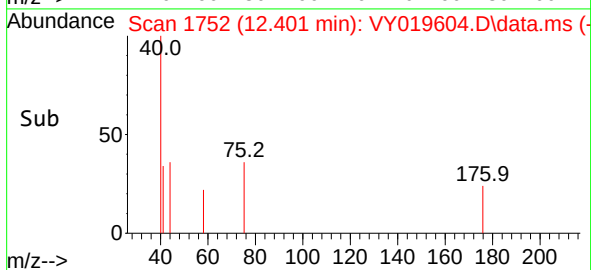
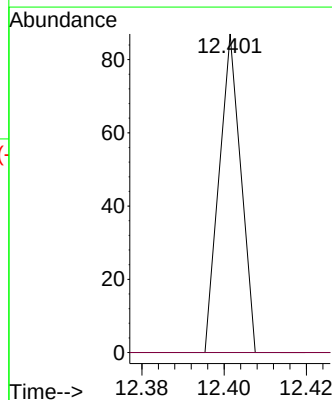
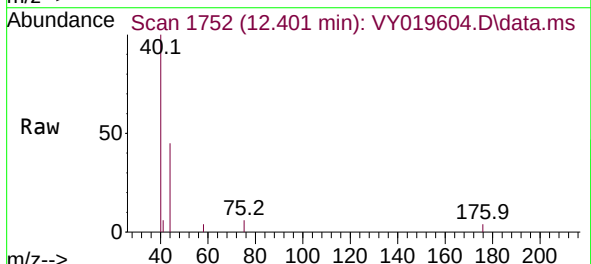
Instrument :
MSVOA_Y
ClientSampleId :

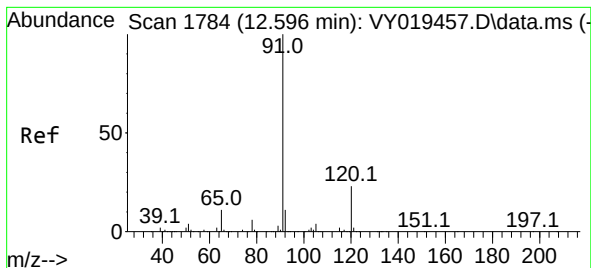
Tgt Ion: 83 Resp: 50
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 126.448 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Tgt Ion: 75 Resp: 32
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 27.136 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.080 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Instrument :

MSVOA_Y

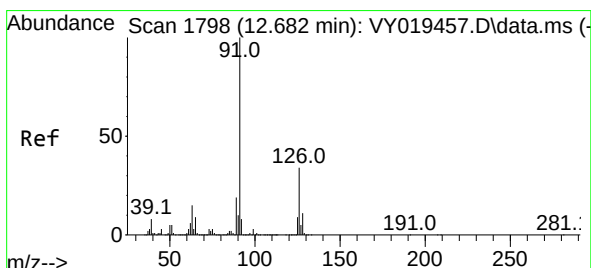
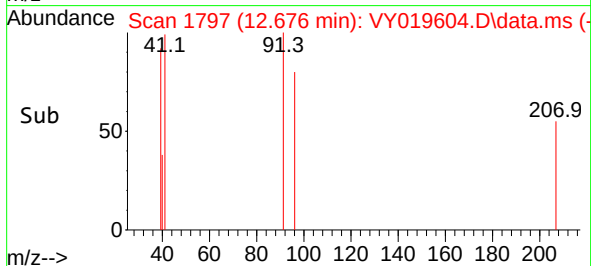
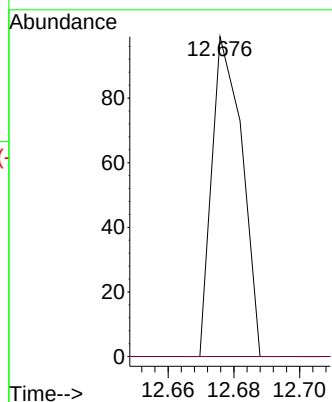
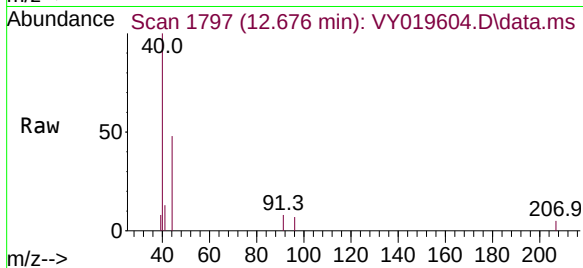
ClientSampleId :

Tgt Ion: 91 Resp: 63

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#79

2-Chlorotoluene

Concen: 46.563 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VY019604.D

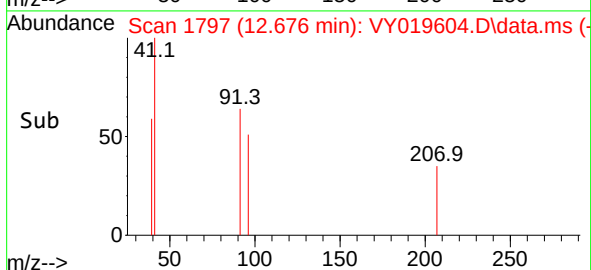
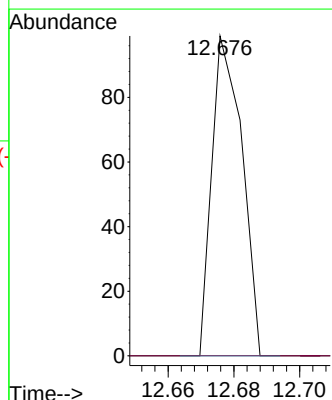
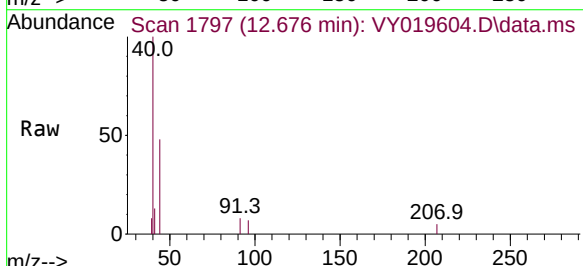
Acq: 18 Sep 2024 14:34

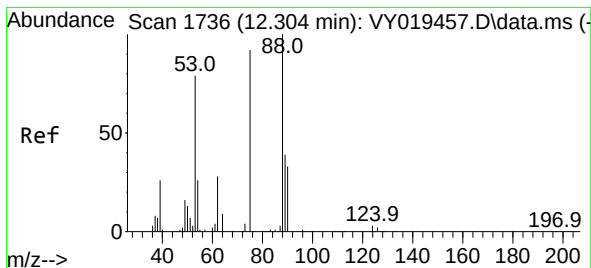
Tgt Ion: 91 Resp: 63

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#

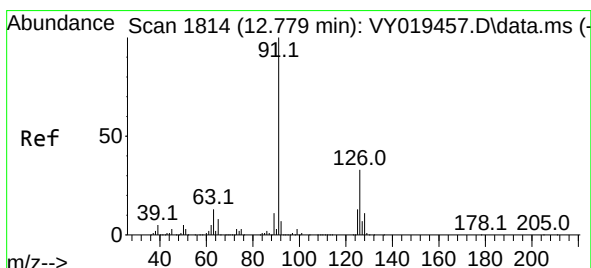
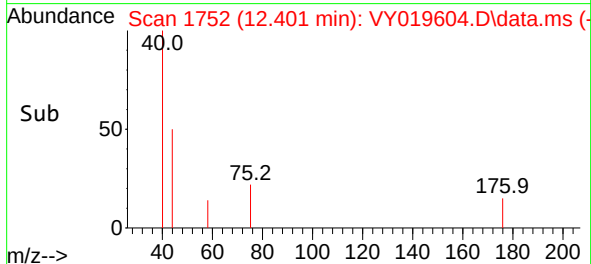
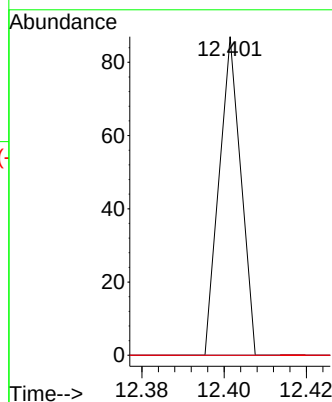
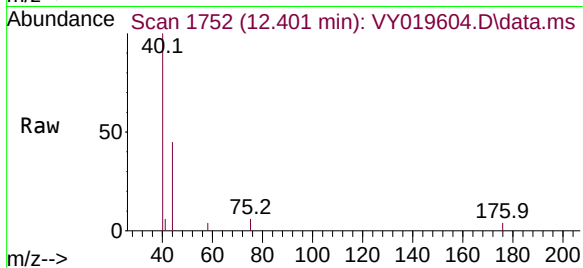




#81
trans-1,4-Dichloro-2-butene
Concen: 242.744 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

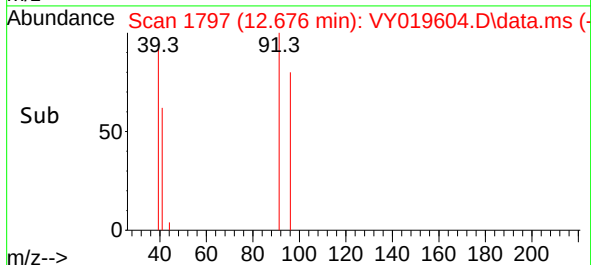
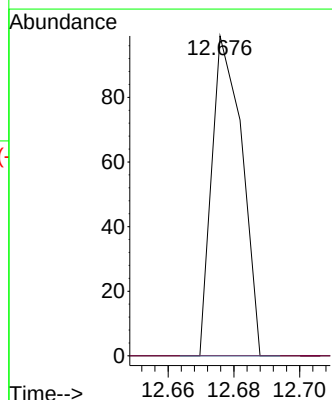
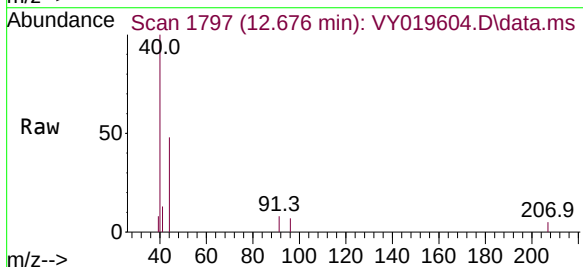
Instrument :
MSVOA_Y
ClientSampleId :

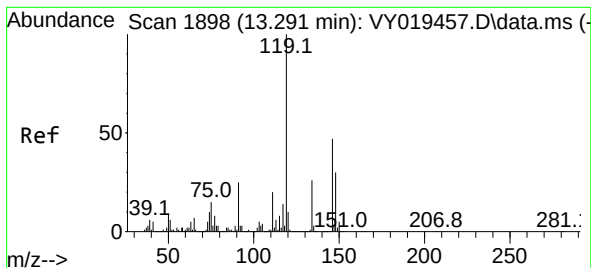
Tgt Ion: 75 Resp: 32
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 45.291 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.103 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Tgt Ion: 91 Resp: 63
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#

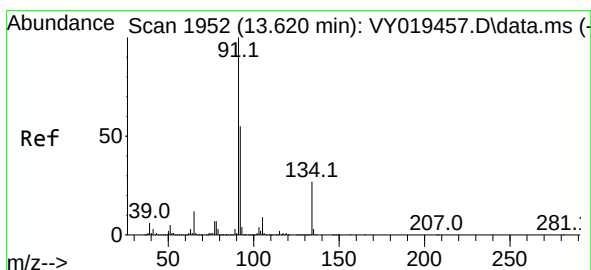
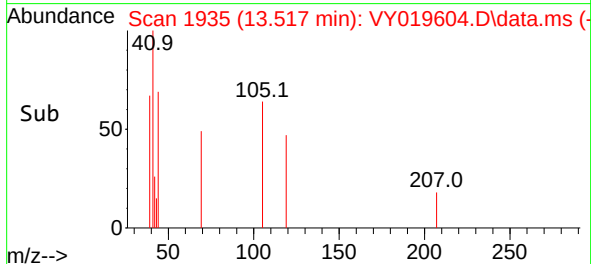
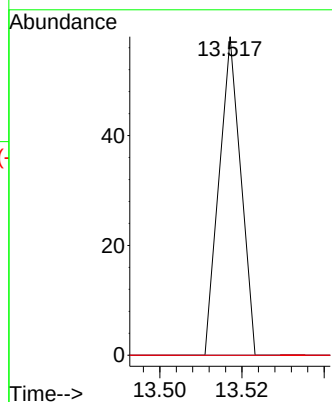
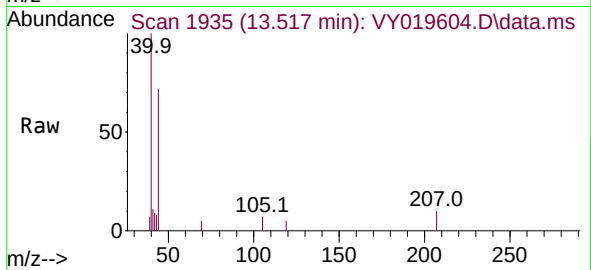




#86
p-Isopropyltoluene
Concen: 12.256 ug/l
RT: 13.517 min Scan# 1947
Delta R.T. 0.226 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

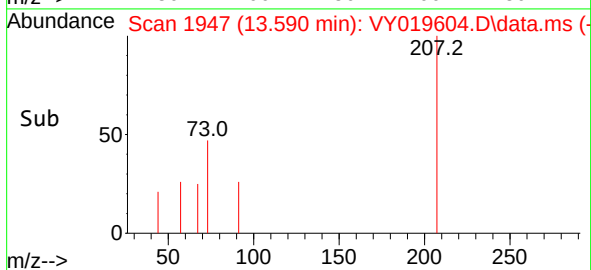
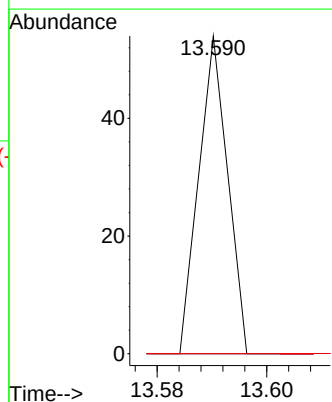
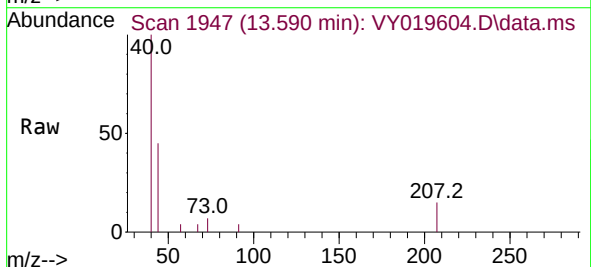
Instrument :
MSVOA_Y
ClientSampleId :

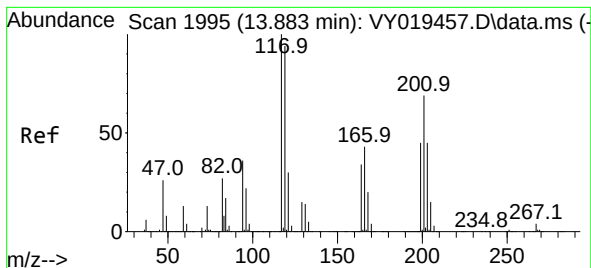
Tgt Ion:119 Resp: 21
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.3#
91 0.0 10.7 32.1#



#89
n-Butylbenzene
Concen: 12.210 ug/l
RT: 13.590 min Scan# 1947
Delta R.T. -0.030 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.7#
134 0.0 12.9 38.7#





#90

Hexachloroethane

Concen: 182.321 ug/l

RT: 13.993 min Scan# 20

Delta R.T. 0.110 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Instrument :

MSVOA_Y

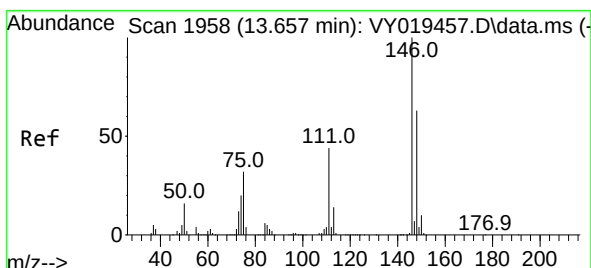
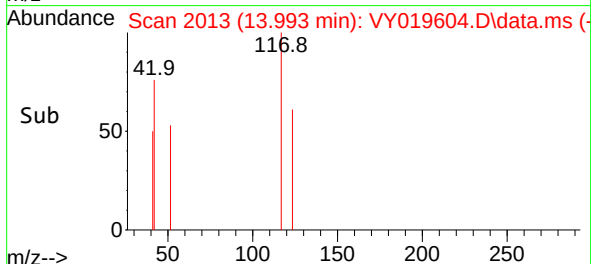
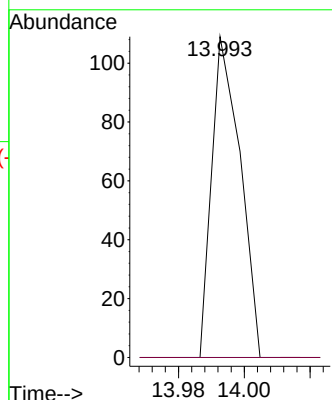
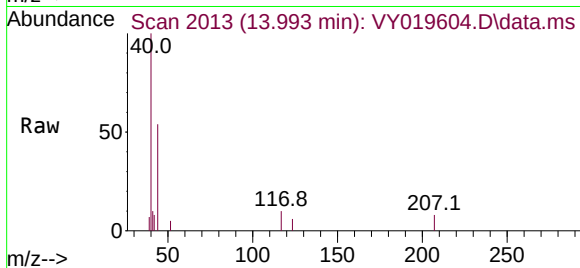
ClientSampleId :

Tgt Ion:117 Resp: 65

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#91

1,2-Dichlorobenzene

Concen: 31.860 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Tgt Ion:146 Resp: 24

Ion Ratio Lower Upper

146 100

111 0.0 19.9 59.7#

148 0.0 31.8 95.4#

