

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022067.D
 Acq On : 29 Apr 2025 19:23
 Operator : SY/MD
 Sample : Q1883-07
 Misc : 13.73g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 30 01:36:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	325	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	1477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	3620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	3648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	405	134.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 269.820%#	
35) Dibromofluoromethane	7.622	113	298	30.540	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 61.080%	
50) Toluene-d8	10.103	98	2215	60.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 120.420%	
62) 4-Bromofluorobenzene	12.401	95	1998	161.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 322.680%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	19	6.861	ug/l	# 42
3) Chloromethane	2.062	50	344	87.238	ug/l	# 74
4) Vinyl Chloride	2.184	62	275	56.752	ug/l	# 99
5) Bromomethane	2.598	94	624	149.471	ug/l	# 45
6) Chloroethane	2.757	64	223	67.573	ug/l	# 83
7) Trichlorofluoromethane	3.056	101	20	3.130	ug/l	# 16
10) Methyl Iodide	4.019	142	114	28.406	ug/l	# 77
11) Tert butyl alcohol	4.848	59	718	4356.650	ug/l	# 70
12) 1,1-Dichloroethene	3.732	96	27	8.357	ug/l	# 1
14) Allyl chloride	4.476	41	23	6.114	ug/l	# 20
15) Acrylonitrile	4.848	53	20	32.849	ug/l	# 18
16) Acetone	3.860	43	28152	78315.483	ug/l	# 99
17) Carbon Disulfide	4.098	76	2500	242.683	ug/l	# 88
18) Methyl Acetate	4.378	43	200	142.624	ug/l	# 65
19) Methyl tert-butyl Ether	5.220	73	23	3.181	ug/l	# 55
20) Methylene Chloride	4.604	84	834	219.710	ug/l	# 81
21) trans-1,2-Dichloroethene	5.299	96	22	6.080	ug/l	# 3
22) Diisopropyl ether	5.939	45	37	4.420	ug/l	# 35
23) Vinyl Acetate	5.854	43	44	9.752	ug/l	# 66
25) 2-Butanone	6.890	43	125	182.672	ug/l	# 41
26) 2,2-Dichloropropane	6.866	77	23	4.522	ug/l	# 50
27) cis-1,2-Dichloroethene	6.902	96	32	7.909	ug/l	# 1
29) Tetrahydrofuran	7.262	42	43	96.753	ug/l	# 26
30) Chloroform	7.421	83	120	18.643	ug/l	# 77
31) Cyclohexane	7.628	56	23	4.635	ug/l	# 9
32) 1,1,1-Trichloroethane	7.719	97	42	7.212	ug/l	# 8
37) Ethyl Acetate	6.957	43	63	13.383	ug/l	# 64
40) Benzene	8.079	78	119	2.904	ug/l	# 51
41) Methacrylonitrile	7.256	41	35	13.601	ug/l	# 19
43) Isopropyl Acetate	8.128	43	19	2.102	ug/l	# 56
48) Methyl methacrylate	9.225	41	19	4.546	ug/l	# 6
51) 4-Methyl-2-Pentanone	9.999	43	552	116.478	ug/l	# 95
52) Toluene	10.164	92	163	6.146	ug/l	# 42
56) Ethyl methacrylate	10.463	69	30	3.462	ug/l	# 1
59) 2-Hexanone	10.774	43	37	11.837	ug/l	# 18
61) 1,2-Dibromoethane	11.133	107	19	2.656	ug/l	# 2

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
Data File : VY022067.D
Acq On : 29 Apr 2025 19:23
Operator : SY/MD
Sample : Q1883-07
Misc : 13.73g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 24 Sample Multiplier: 1

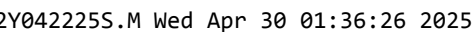
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

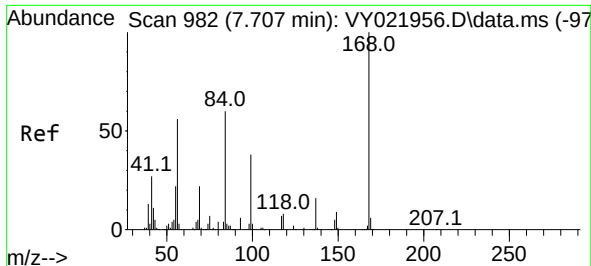
Quant Time: Apr 30 01:36:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	11.621	106	59	1.120	ug/l #	1
74) N-amyl acetate	12.030	43	44	1.051	ug/l #	17
75) 1,1,2,2-Tetrachloroethane	12.432	83	49	1.192	ug/l #	26
76) 1,2,3-Trichloropropane	12.408	75	1075	34.403	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	1075	82.848	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.048	105	264	1.314	ug/l	88
90) Hexachloroethane	13.840	117	101	2.054	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.255	75	19	2.906	ug/l #	24
95) Naphthalene	15.145	128	500	4.869	ug/l #	79

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

Quant Time: Apr 30 01:36:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

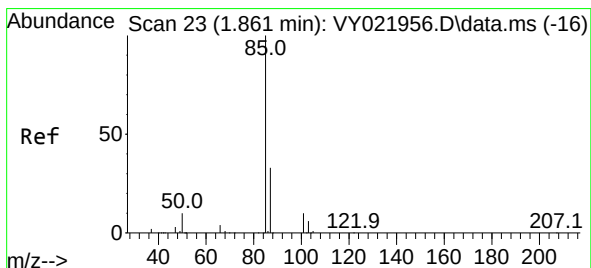
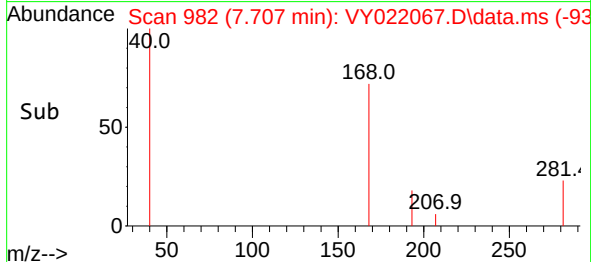
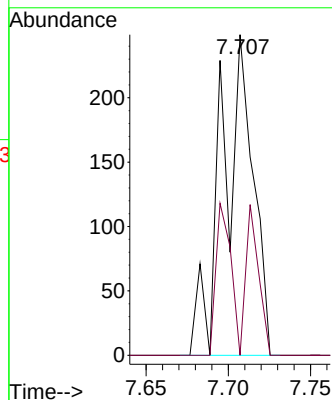
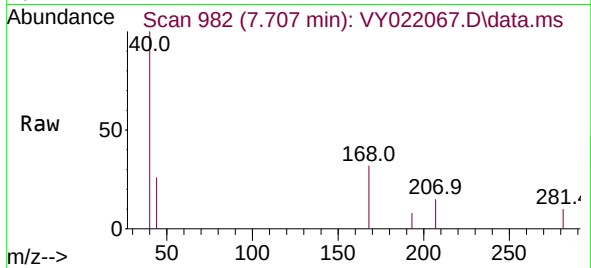




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

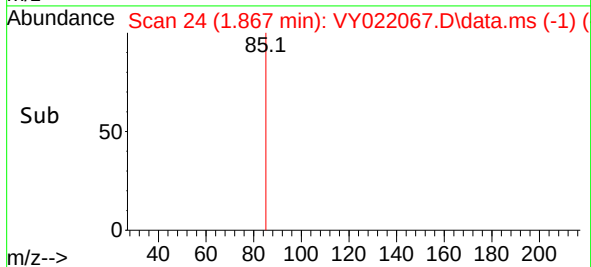
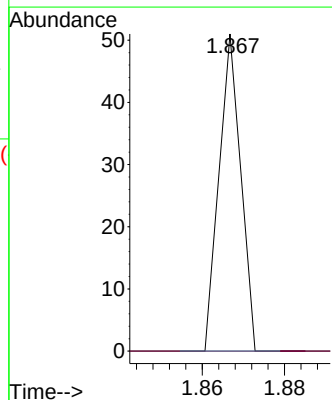
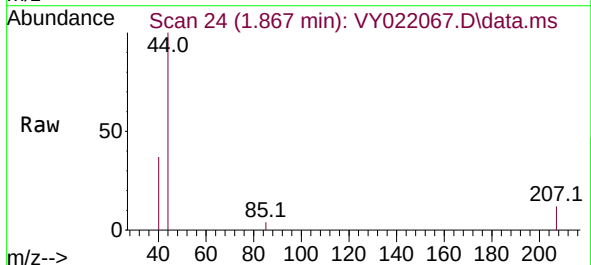
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

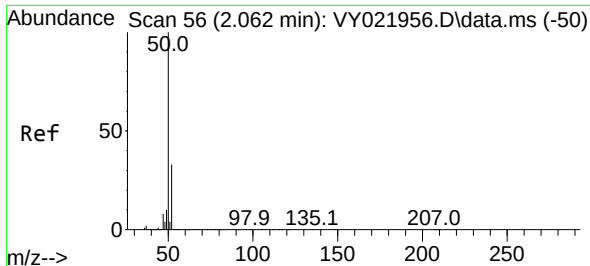
Tgt Ion:168 Resp: 325
Ion Ratio Lower Upper
168 100
99 0.0 43.1 64.7#



#2
Dichlorodifluoromethane
Concen: 6.861 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.6 49.7#

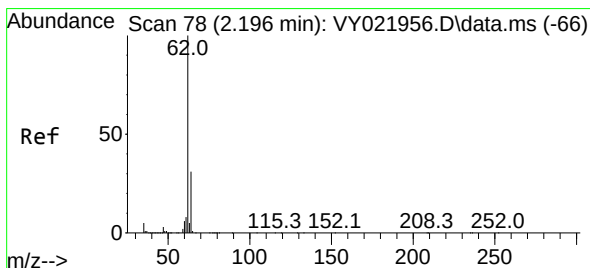
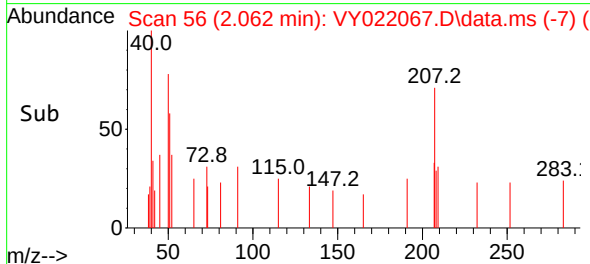
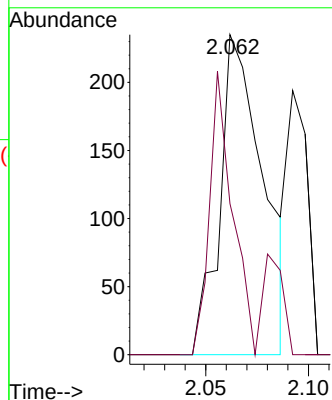
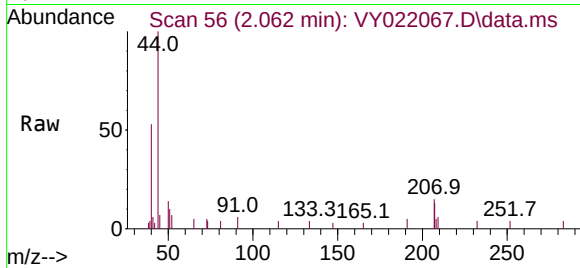




#3
Chloromethane
Concen: 87.238 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

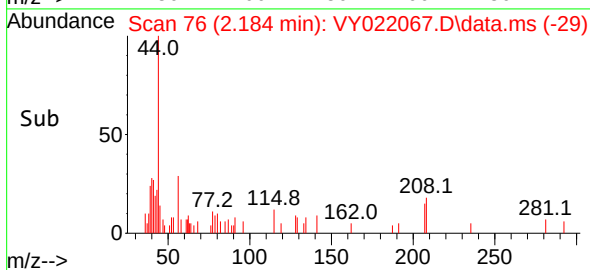
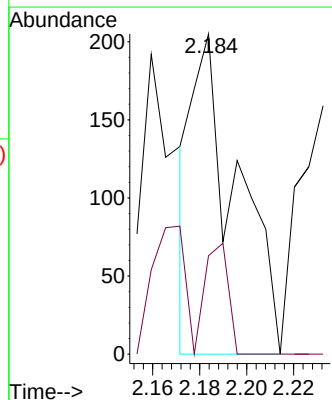
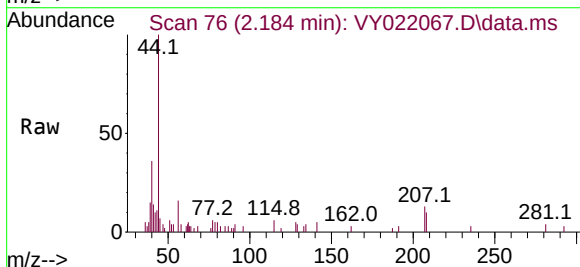
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

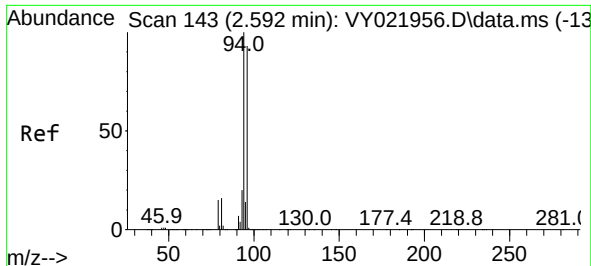
Tgt Ion: 50 Resp: 344
Ion Ratio Lower Upper
50 100
52 47.2 26.1 39.1#



#4
Vinyl Chloride
Concen: 56.752 ug/l
RT: 2.184 min Scan# 76
Delta R.T. -0.012 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 62 Resp: 275
Ion Ratio Lower Upper
62 100
64 30.7 25.1 37.7

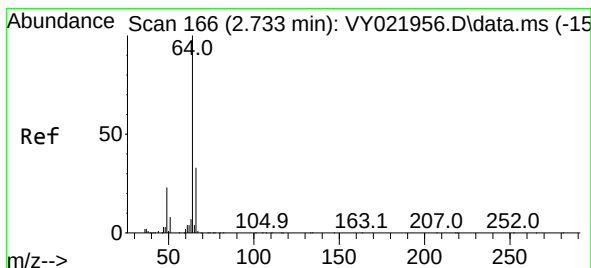
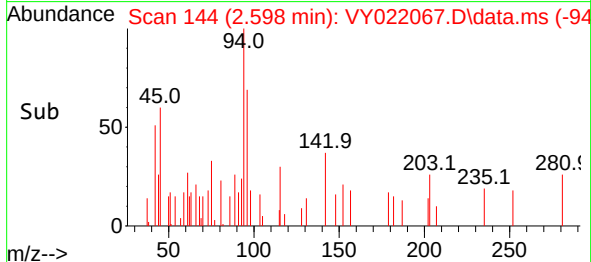
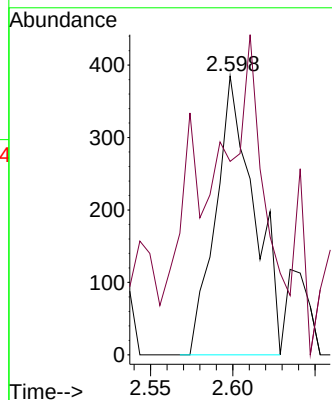
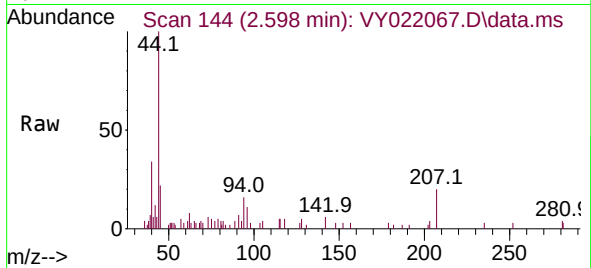




#5
Bromomethane
Concen: 149.471 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

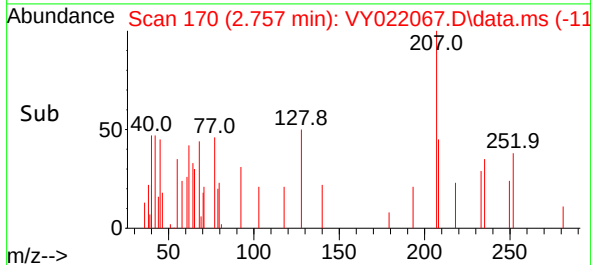
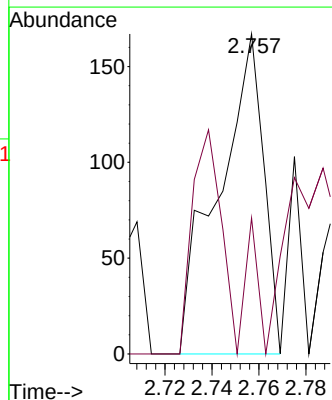
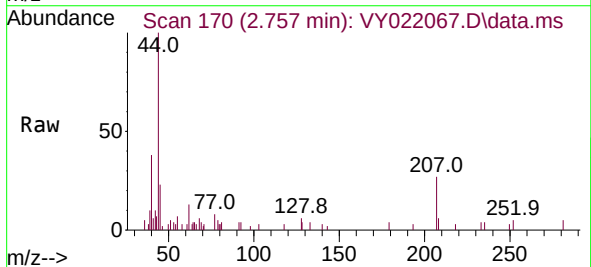
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

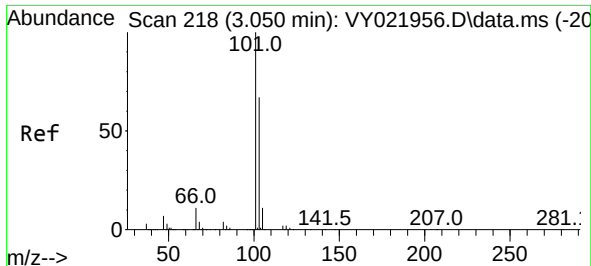
Tgt Ion: 94 Resp: 624
Ion Ratio Lower Upper
94 100
96 40.0 74.6 111.8#



#6
Chloroethane
Concen: 67.573 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.024 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 64 Resp: 223
Ion Ratio Lower Upper
64 100
66 42.5 26.2 39.4#

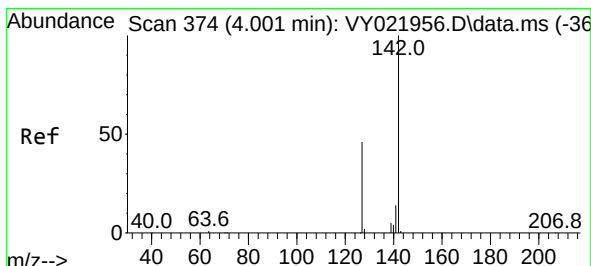
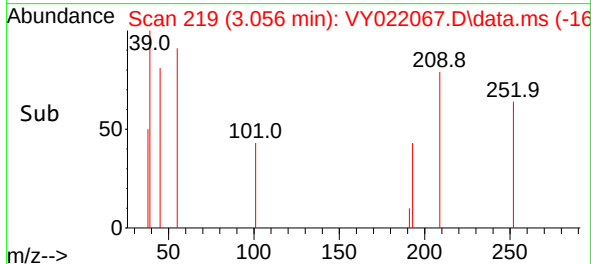
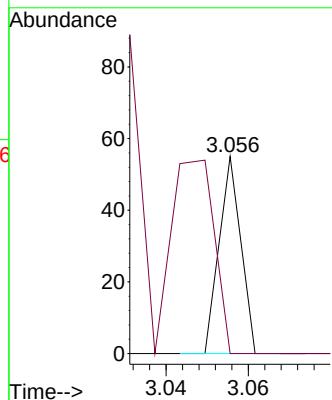
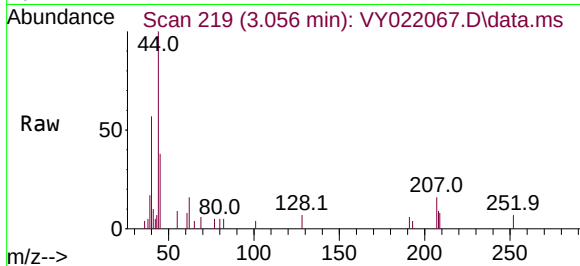




#7
Trichlorofluoromethane
Concen: 3.130 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

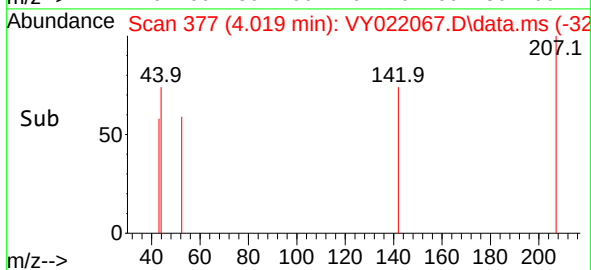
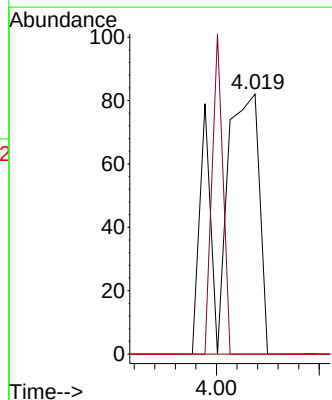
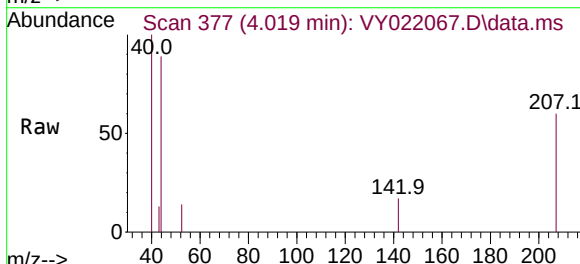
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

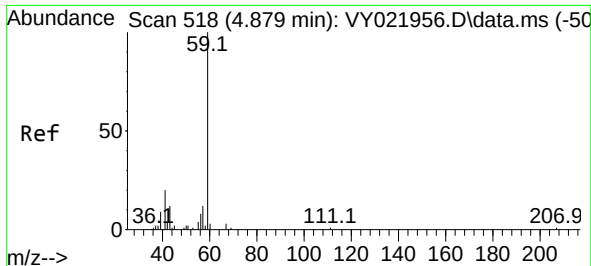
Tgt Ion:101 Resp: 20
Ion Ratio Lower Upper
101 100
103 0.0 53.6 80.4#



#10
Methyl Iodide
Concen: 28.406 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
127 32.5 36.2 54.2#
141 0.0 11.7 17.5#

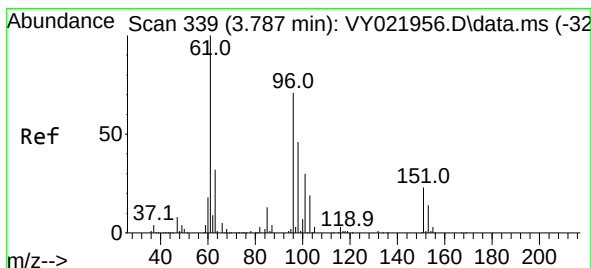
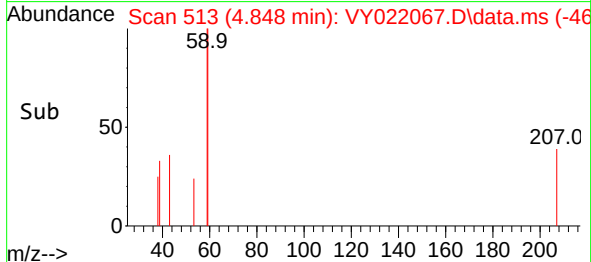
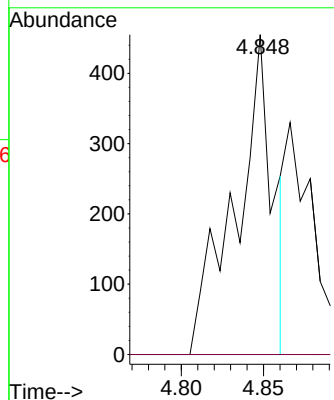
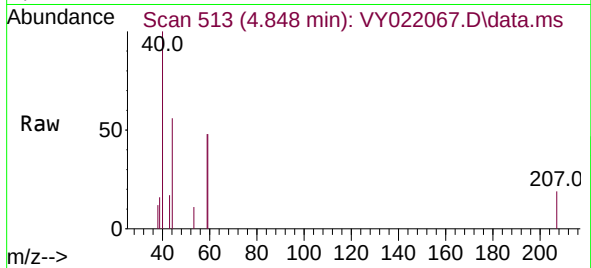




#11
Tert butyl alcohol
Concen: 4356.650 ug/l
RT: 4.848 min Scan# 518
Delta R.T. -0.031 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

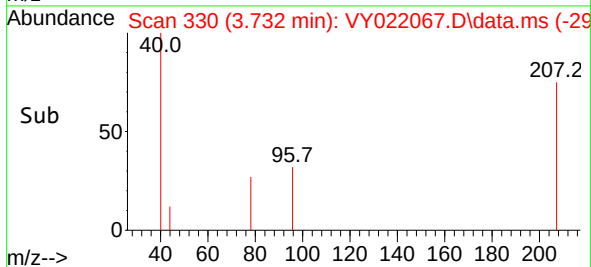
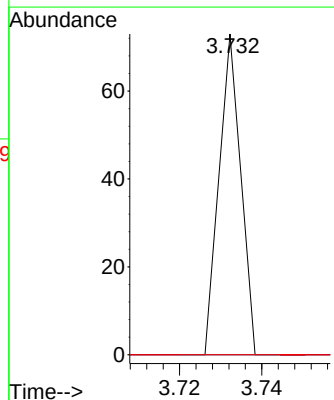
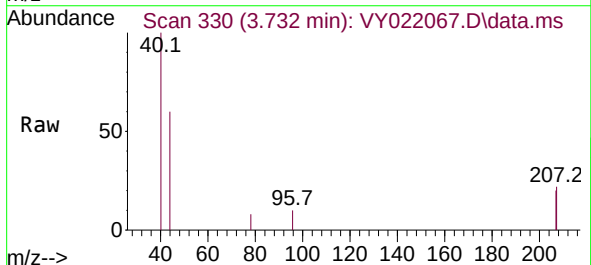
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

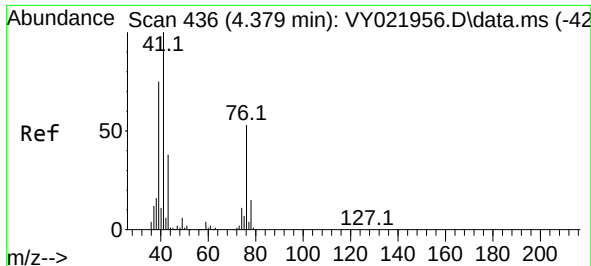
Tgt Ion: 59 Resp: 718
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 8.357 ug/l
RT: 3.732 min Scan# 330
Delta R.T. -0.055 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 96 Resp: 27
Ion Ratio Lower Upper
96 100
61 0.0 113.0 169.4#
98 0.0 51.4 77.2#

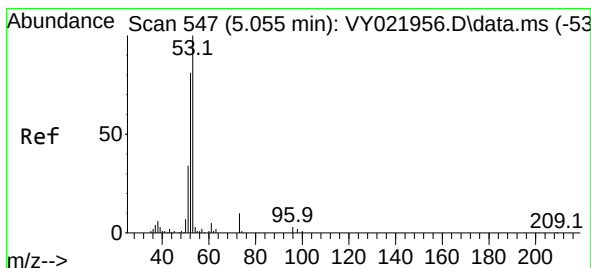
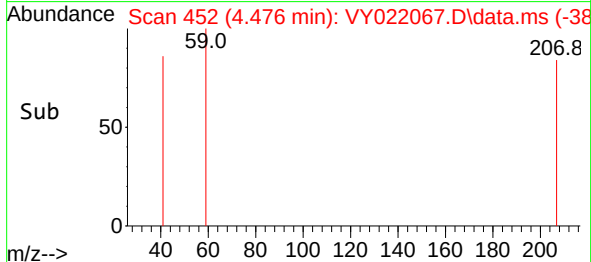
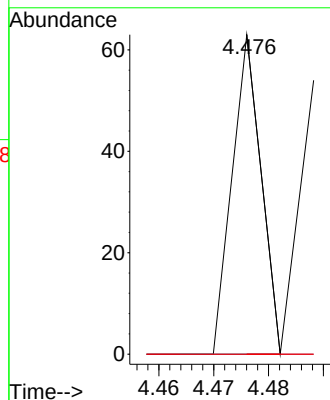
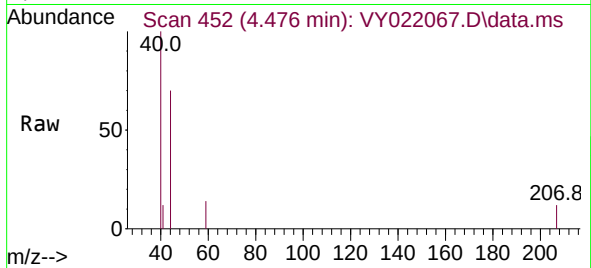




#14
 Allyl chloride
 Concen: 6.114 ug/l
 RT: 4.476 min Scan# 41
 Delta R.T. 0.097 min
 Lab File: VY022067.D
 Acq: 29 Apr 2025 19:23

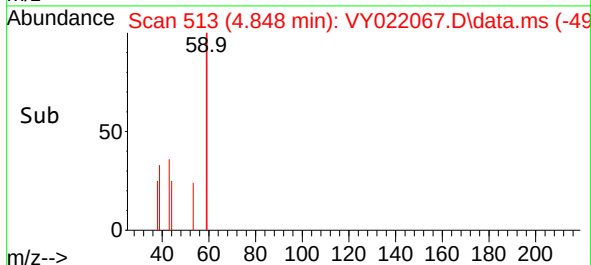
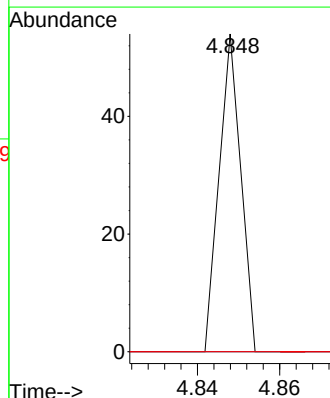
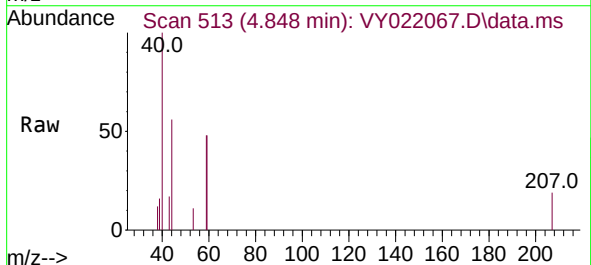
Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

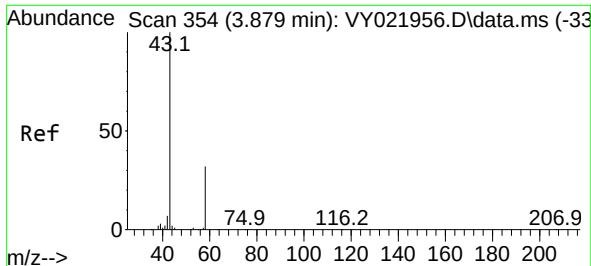
Tgt Ion: 41 Resp: 23
 Ion Ratio Lower Upper
 41 100
 39 0.0 57.2 85.8#
 76 0.0 39.7 59.5#



#15
 Acrylonitrile
 Concen: 32.849 ug/l
 RT: 4.848 min Scan# 513
 Delta R.T. -0.207 min
 Lab File: VY022067.D
 Acq: 29 Apr 2025 19:23

Tgt Ion: 53 Resp: 20
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.0 97.6#
 51 0.0 28.9 43.3#

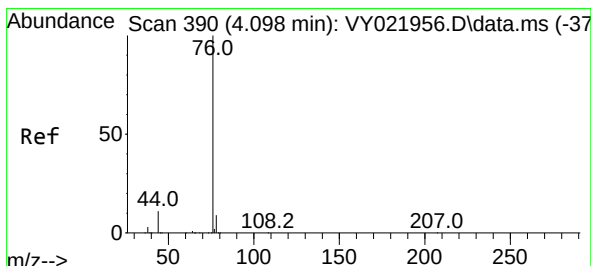
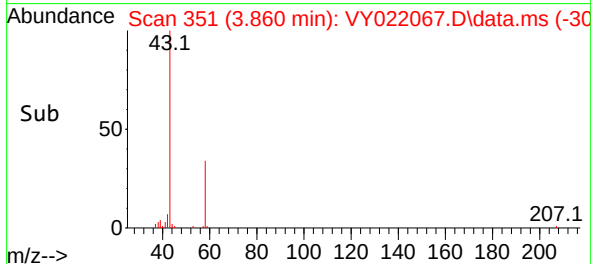
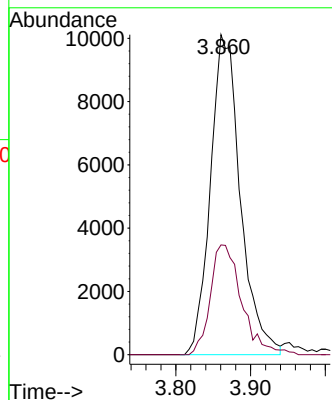
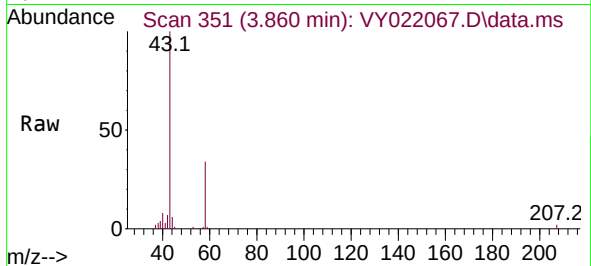




#16
Acetone
Concen: 78315.483 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.019 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

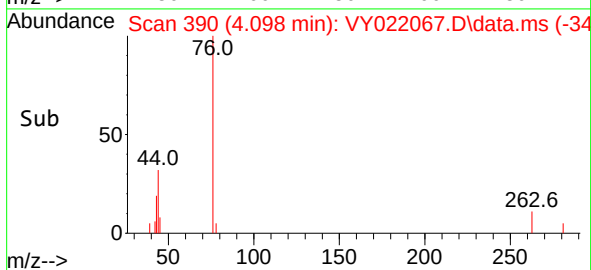
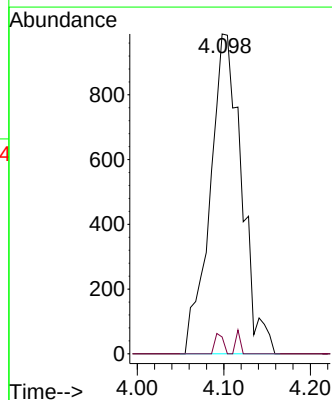
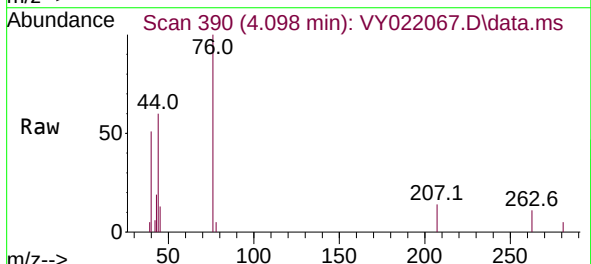
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

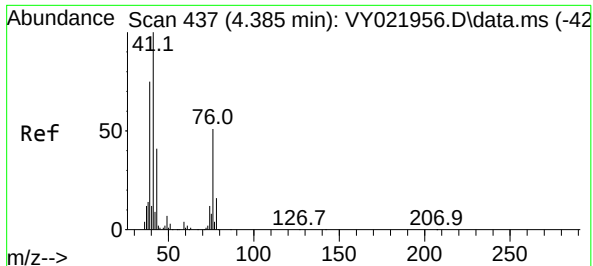
Tgt Ion: 43 Resp: 28152
Ion Ratio Lower Upper
43 100
58 34.3 27.0 40.4



#17
Carbon Disulfide
Concen: 242.683 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 76 Resp: 2500
Ion Ratio Lower Upper
76 100
78 5.3 7.6 11.4#

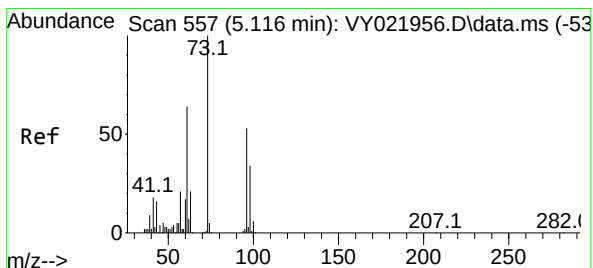
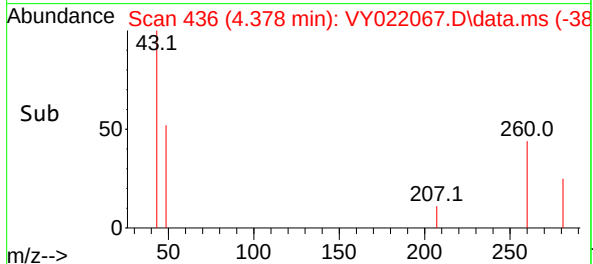
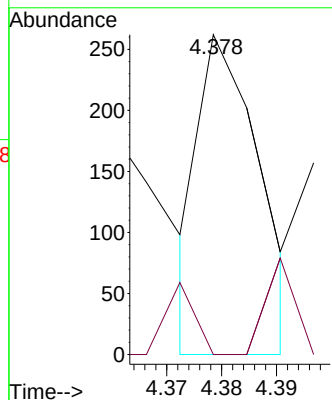
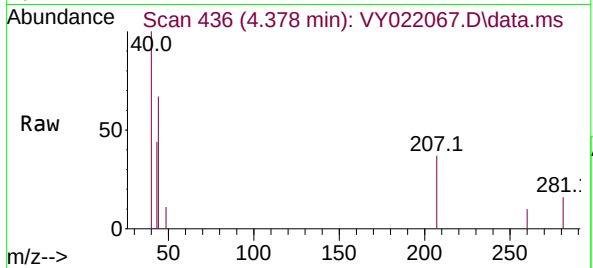




#18
Methyl Acetate
Concen: 142.624 ug/l
RT: 4.378 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

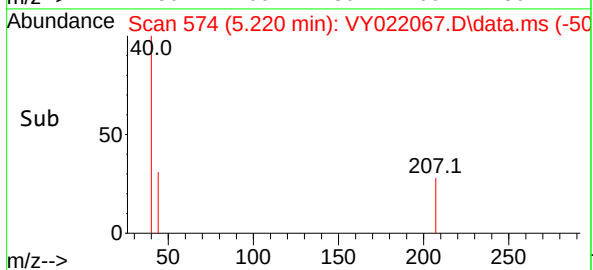
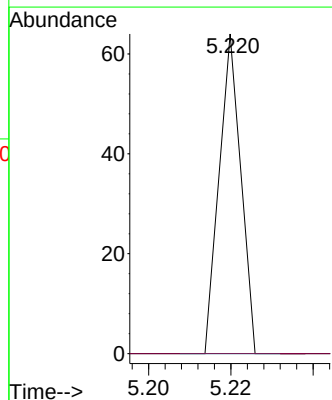
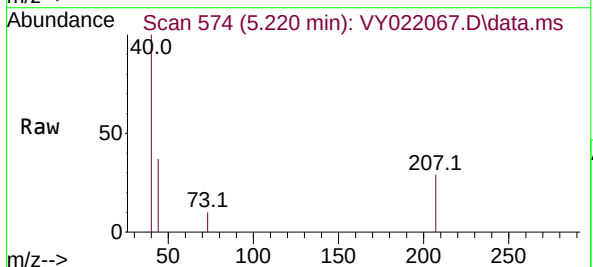
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

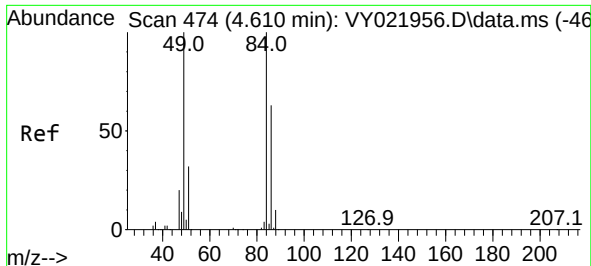
Tgt Ion: 43 Resp: 200
Ion Ratio Lower Upper
43 100
74 11.0 24.2 36.4#



#19
Methyl tert-butyl Ether
Concen: 3.181 ug/l
RT: 5.220 min Scan# 574
Delta R.T. 0.104 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 73 Resp: 23
Ion Ratio Lower Upper
73 100
57 0.0 16.9 25.3#

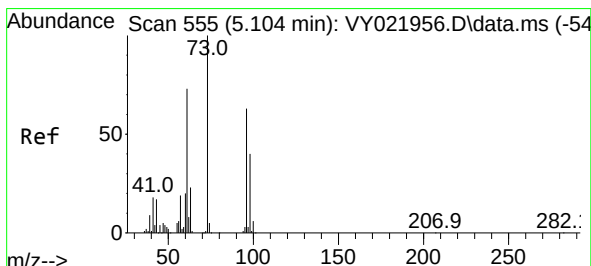
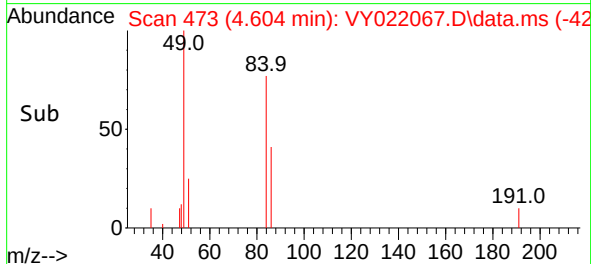
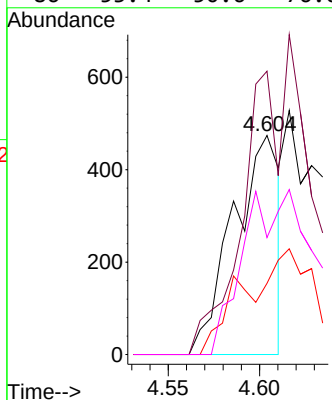
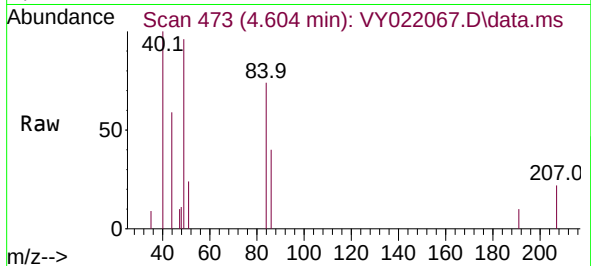




#20
Methylene Chloride
Concen: 219.710 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

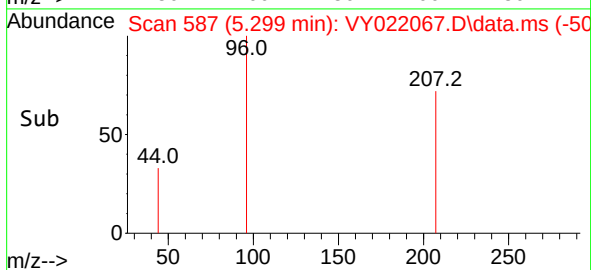
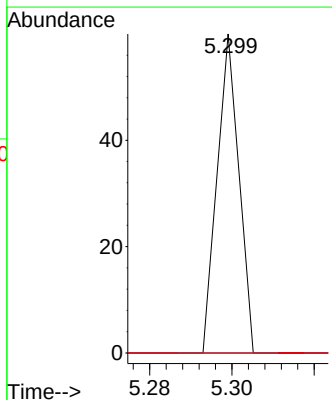
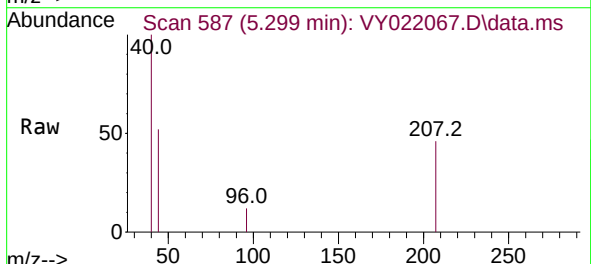
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

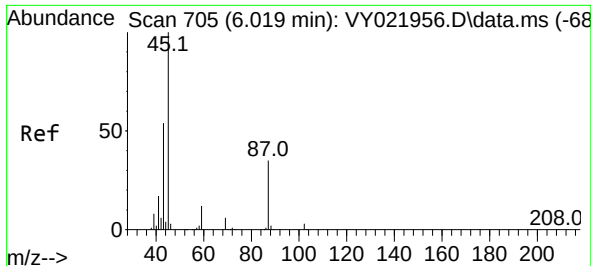
Tgt Ion:	84	Resp:	834
Ion	Ratio	Lower	Upper
84	100		
49	129.3	79.9	119.9#
51	32.5	25.4	38.0
86	53.4	50.6	76.0



#21
trans-1,2-Dichloroethene
Concen: 6.080 ug/l
RT: 5.299 min Scan# 587
Delta R.T. 0.195 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

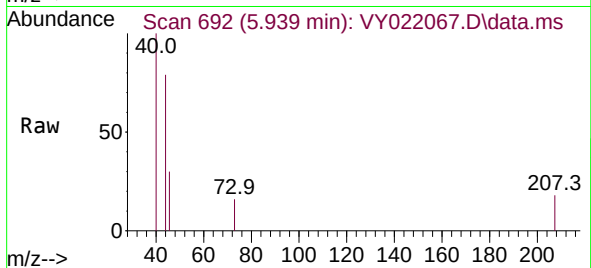
Tgt Ion:	96	Resp:	22
Ion	Ratio	Lower	Upper
96	100		
61	0.0	92.6	138.8#
98	0.0	50.2	75.4#



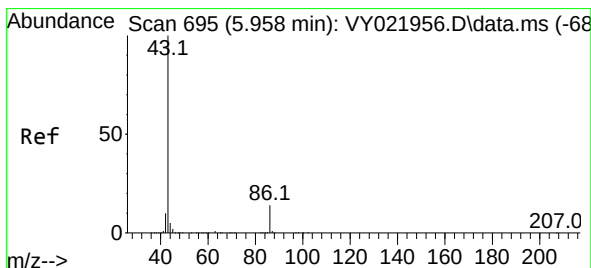
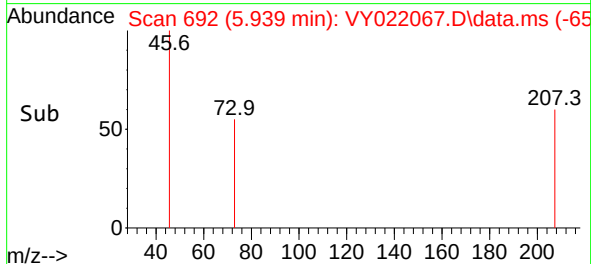
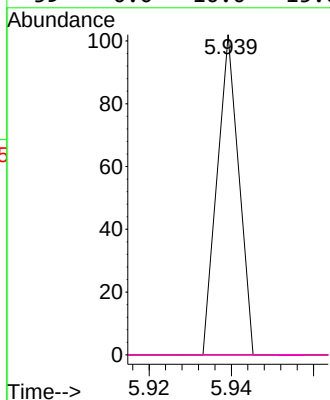


#22
Diisopropyl ether
Concen: 4.420 ug/l
RT: 5.939 min Scan# 61
Delta R.T. -0.079 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

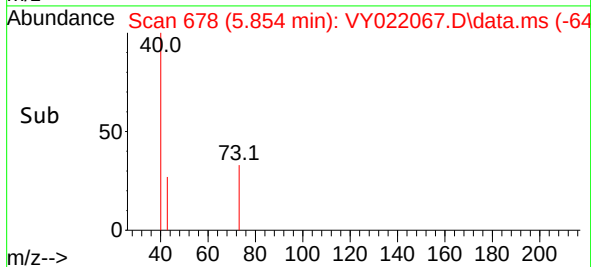
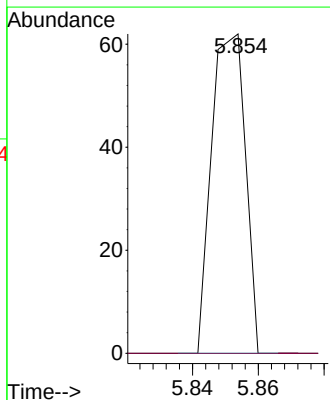
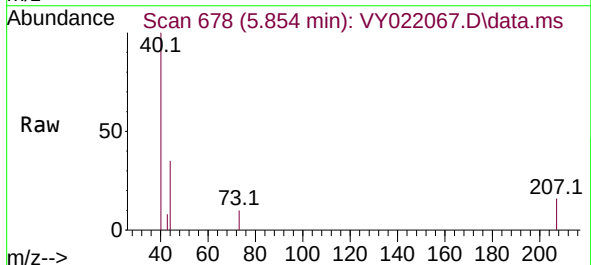


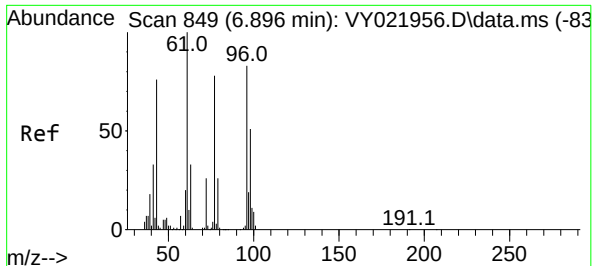
Tgt Ion:	45	Resp:	37
Ion	Ratio	Lower	Upper
45	100		
43	0.0	43.6	65.4#
87	0.0	28.2	42.4#
59	0.0	10.0	15.0#



#23
Vinyl Acetate
Concen: 9.752 ug/l
RT: 5.854 min Scan# 678
Delta R.T. -0.104 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion:	43	Resp:	44
Ion	Ratio	Lower	Upper
43	100		
86	0.0	11.1	16.7#





#25

2-Butanone

Concen: 182.672 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022067.D

Acq: 29 Apr 2025 19:23

Instrument :

MSVOA_Y

ClientSampleId :

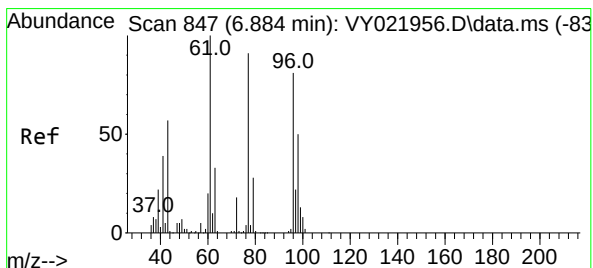
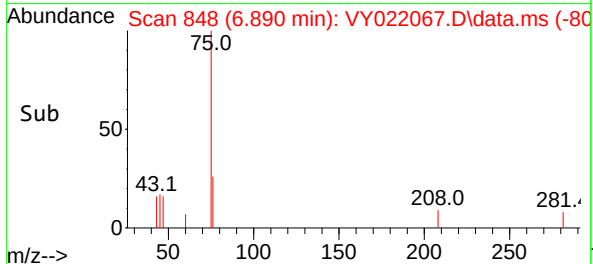
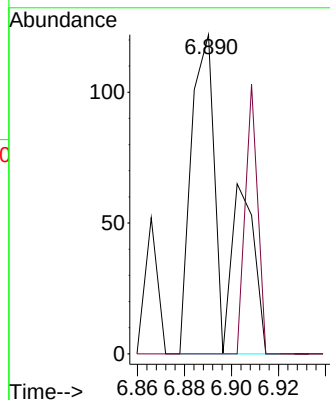
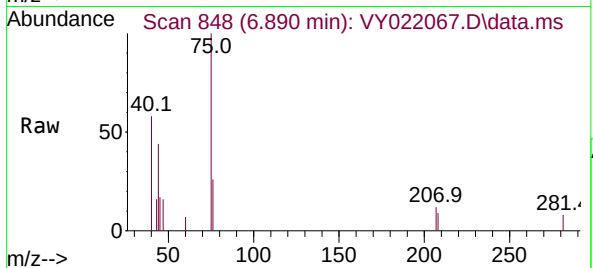
IBLK

Tgt Ion: 43 Resp: 125

Ion Ratio Lower Upper

43 100

72 0.0 27.0 40.4#



#26

2,2-Dichloropropane

Concen: 4.522 ug/l

RT: 6.866 min Scan# 844

Delta R.T. -0.018 min

Lab File: VY022067.D

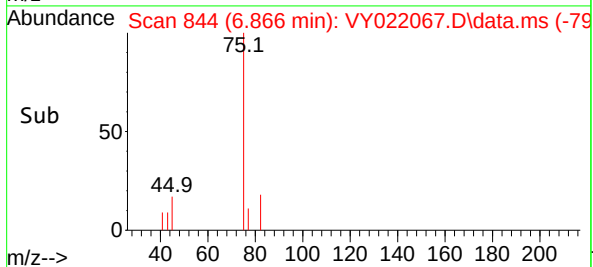
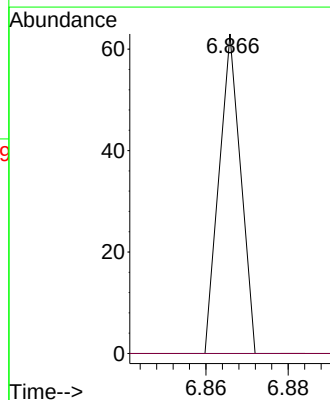
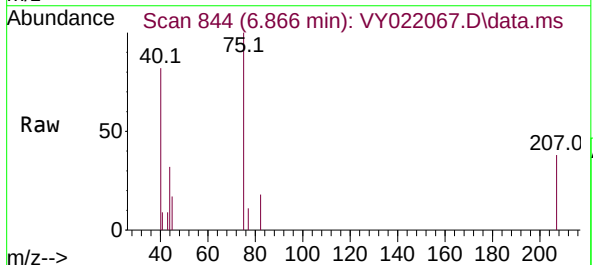
Acq: 29 Apr 2025 19:23

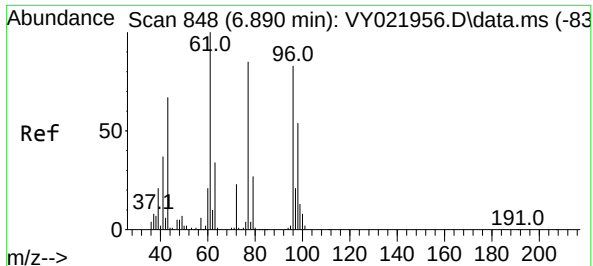
Tgt Ion: 77 Resp: 23

Ion Ratio Lower Upper

77 100

97 0.0 12.4 37.4#





#27

cis-1,2-Dichloroethene

Concen: 7.909 ug/l

RT: 6.902 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY022067.D

Acq: 29 Apr 2025 19:23

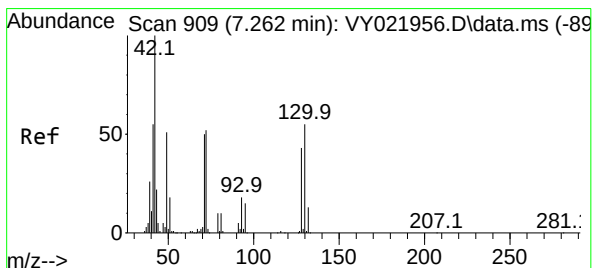
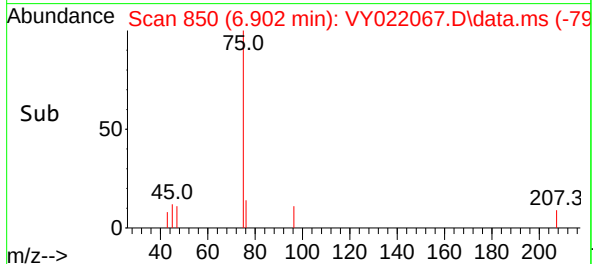
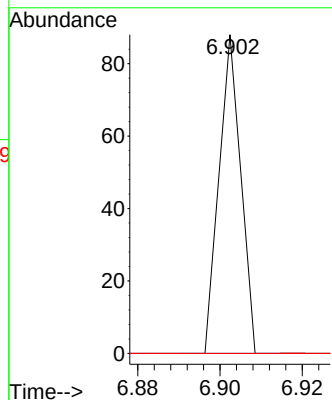
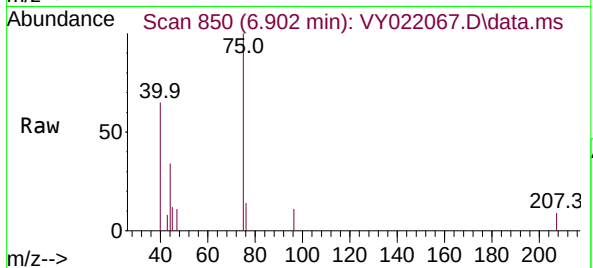
Instrument :

MSVOA_Y

ClientSampleId :

IBLK

Tgt Ion: 96	Resp:	32	
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	251.4
98	0.0	0.0	128.4



#29

Tetrahydrofuran

Concen: 96.753 ug/l

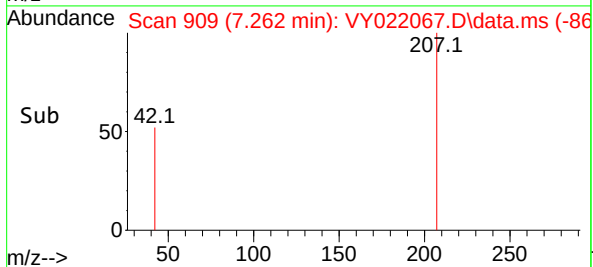
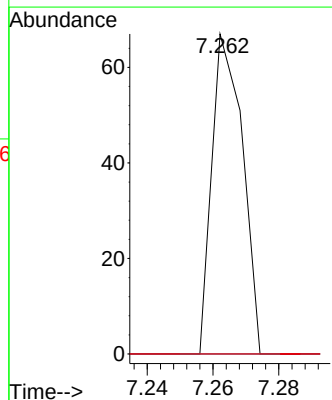
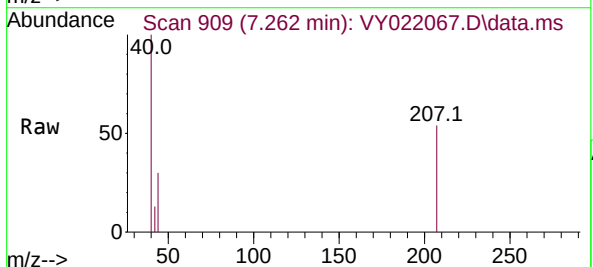
RT: 7.262 min Scan# 909

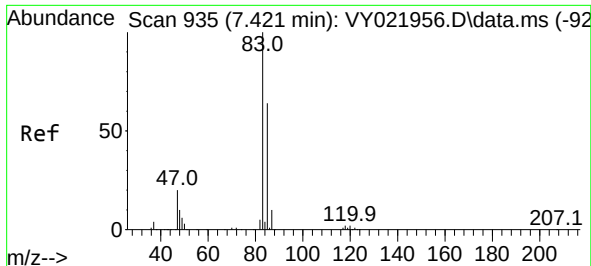
Delta R.T. -0.000 min

Lab File: VY022067.D

Acq: 29 Apr 2025 19:23

Tgt Ion: 42	Resp: 43
Ion Ratio	Lower Upper
42 100	
72 0.0	42.6 63.8#
71 0.0	40.6 61.0#

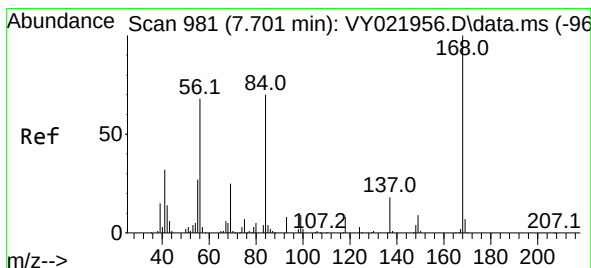
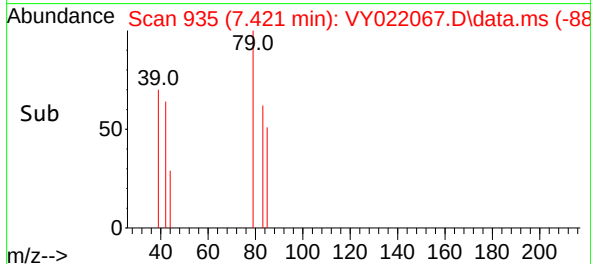
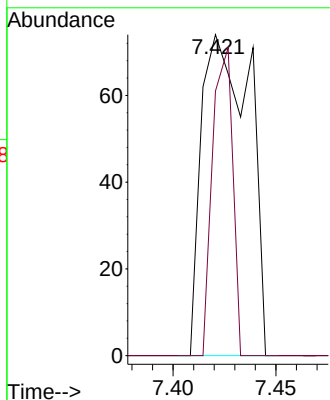
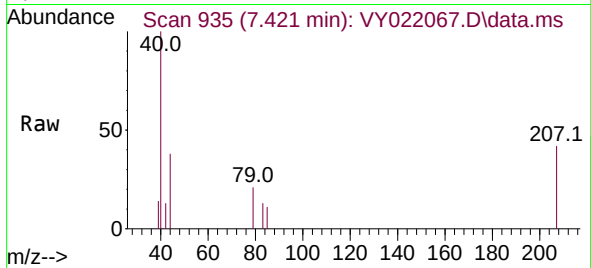




#30
Chloroform
Concen: 18.643 ug/l
RT: 7.421 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

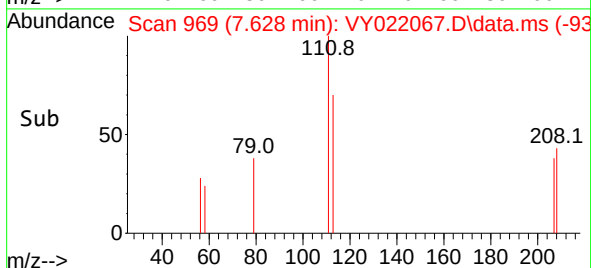
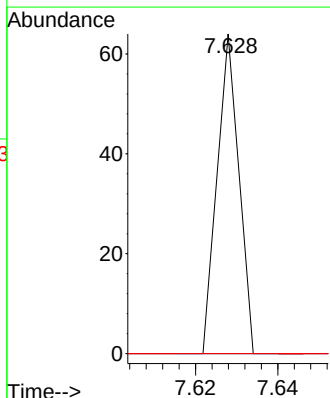
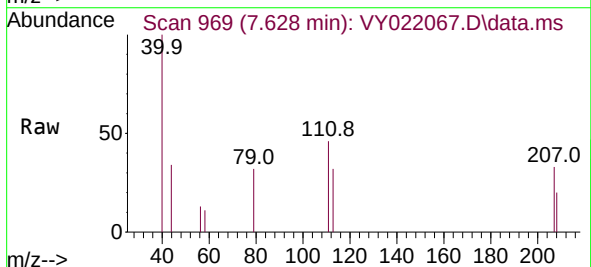
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

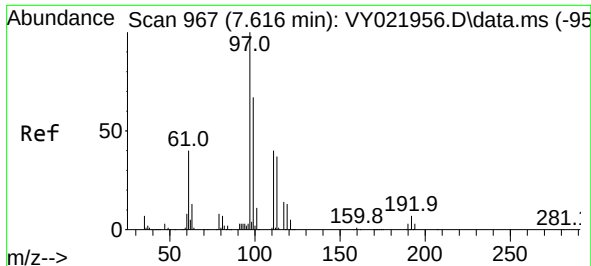
Tgt Ion: 83 Resp: 120
Ion Ratio Lower Upper
83 100
85 82.4 51.3 76.9#



#31
Cyclohexane
Concen: 4.635 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.073 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
69 0.0 29.4 44.2#
84 0.0 82.2 123.4#

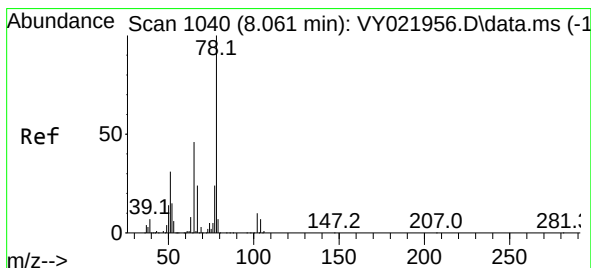
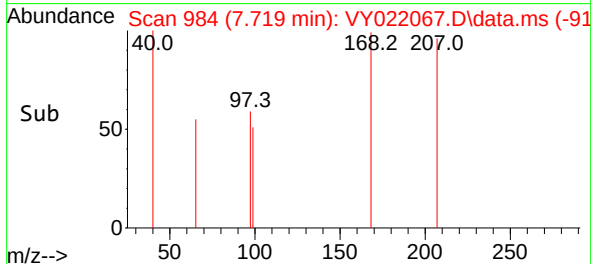
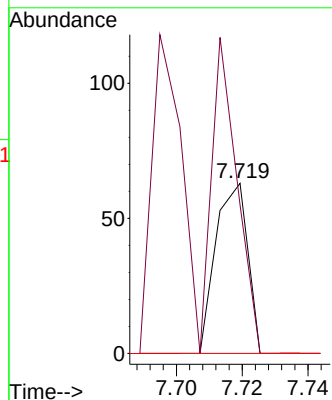
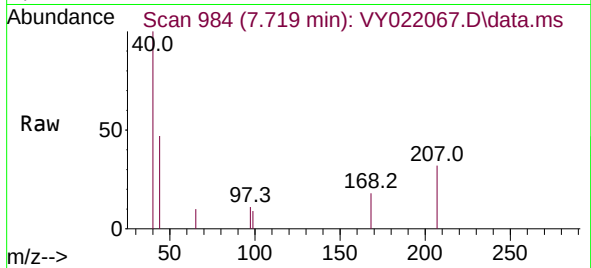




#32
1,1,1-Trichloroethane
Concen: 7.212 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.104 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

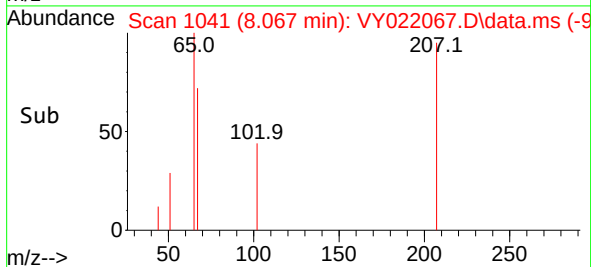
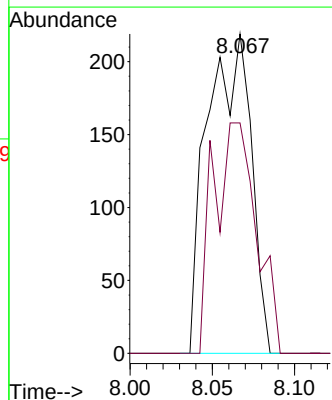
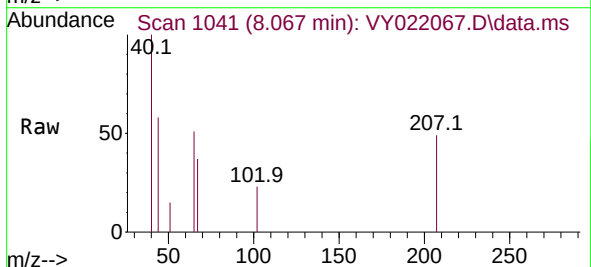
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

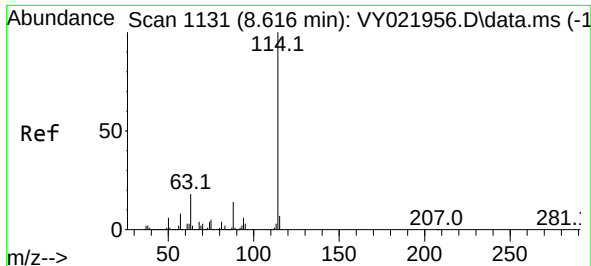
Tgt Ion: 97 Resp: 42
Ion Ratio Lower Upper
97 100
99 150.0 51.4 77.2#
61 0.0 31.4 47.2#



#33
1,2-Dichloroethane-d4
Concen: 134.912 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 65 Resp: 405
Ion Ratio Lower Upper
65 100
67 71.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022067.D

Acq: 29 Apr 2025 19:23

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

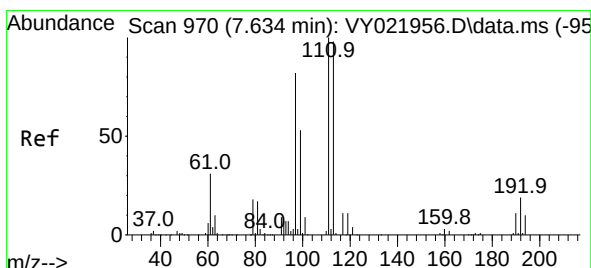
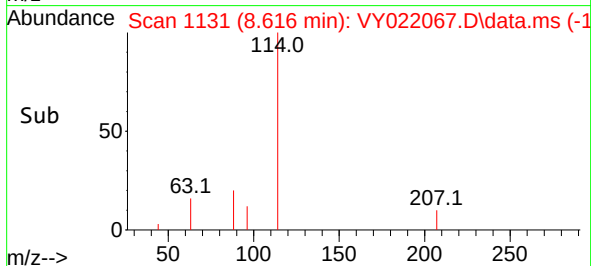
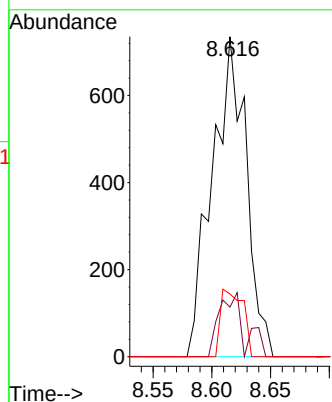
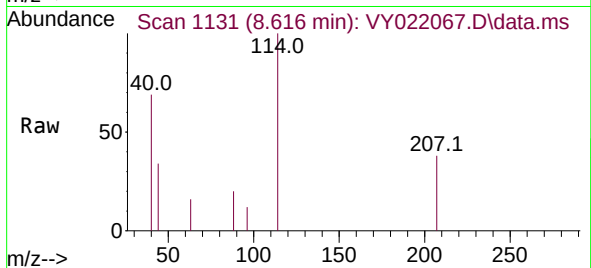
Tgt Ion:114 Resp: 1477

Ion Ratio Lower Upper

114 100

63 15.5 0.0 35.4

88 19.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 30.540 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY022067.D

Acq: 29 Apr 2025 19:23

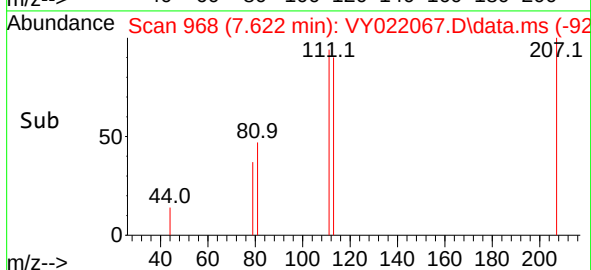
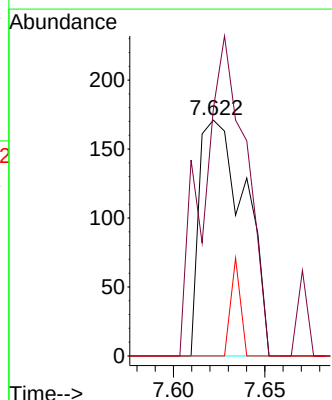
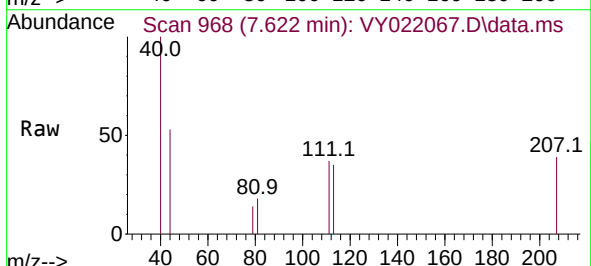
Tgt Ion:113 Resp: 298

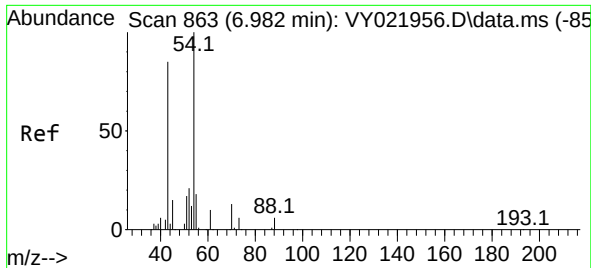
Ion Ratio Lower Upper

113 100

111 128.5 81.8 122.8#

192 8.7 15.6 23.4#

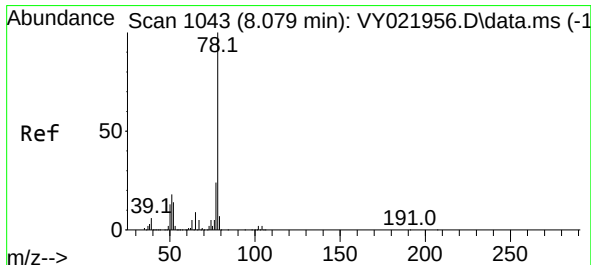
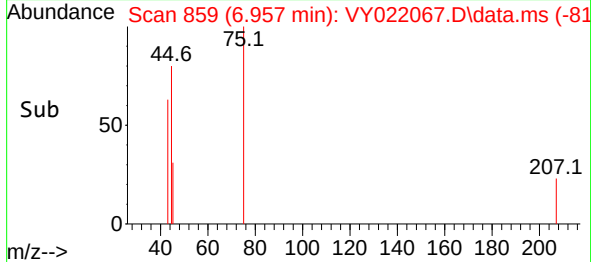
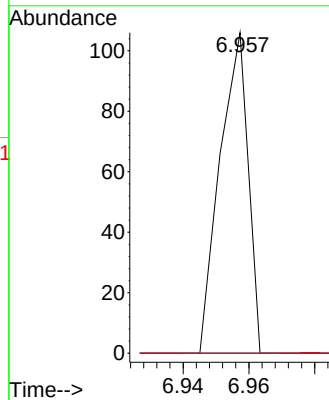
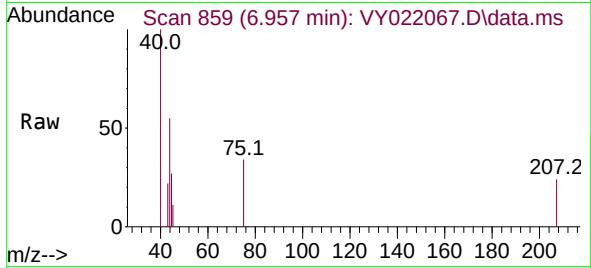




#37
Ethyl Acetate
Concen: 13.383 ug/l
RT: 6.957 min Scan# 81
Delta R.T. -0.025 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

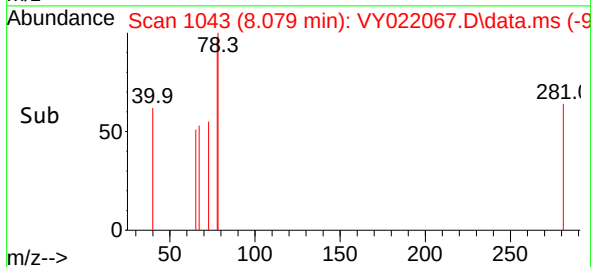
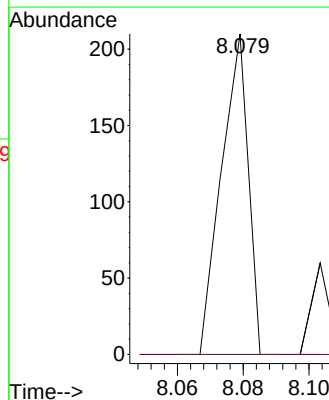
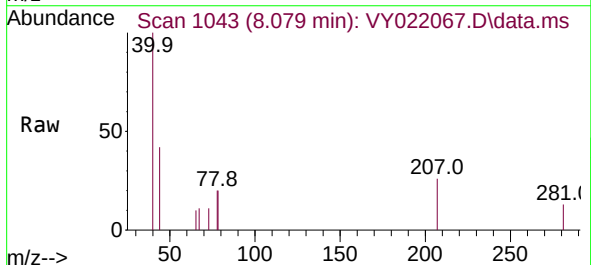
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

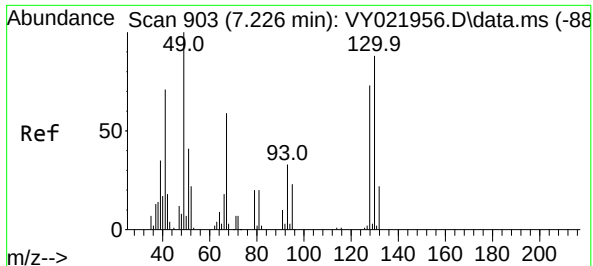
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
61 0.0 13.8 20.6#
70 0.0 9.2 13.8#



#40
Benzene
Concen: 2.904 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 78 Resp: 119
Ion Ratio Lower Upper
78 100
77 0.0 19.3 28.9#

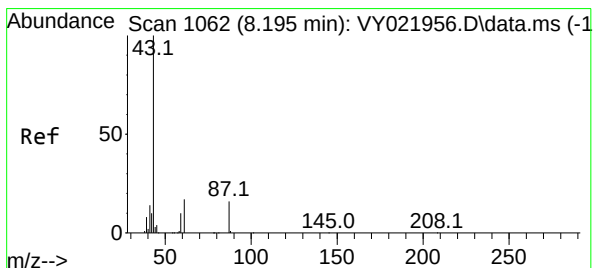
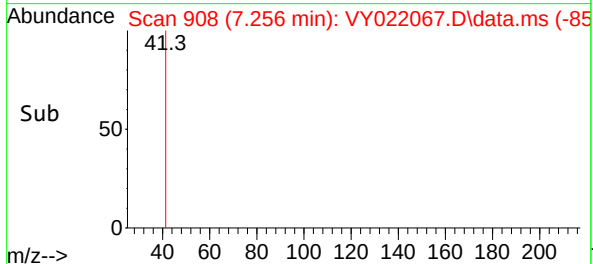
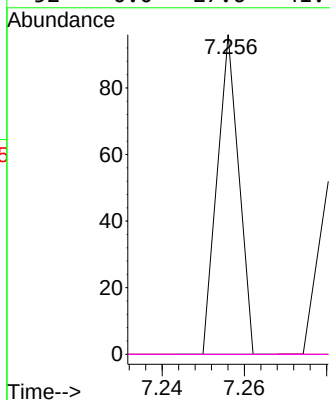
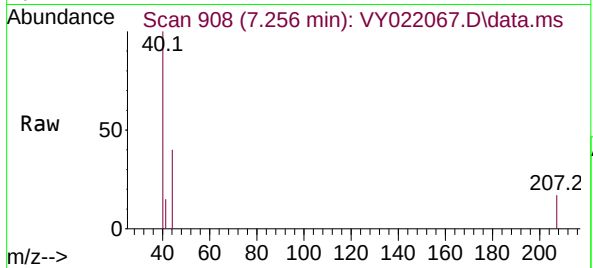




#41
Methacrylonitrile
Concen: 13.601 ug/l
RT: 7.256 min Scan# 903
Delta R.T. 0.030 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

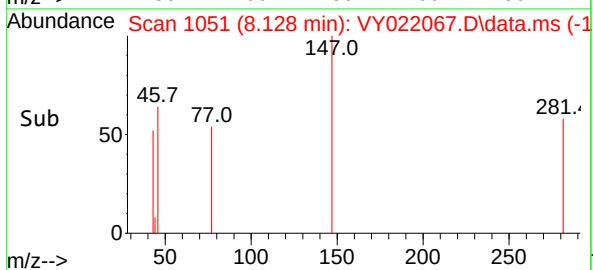
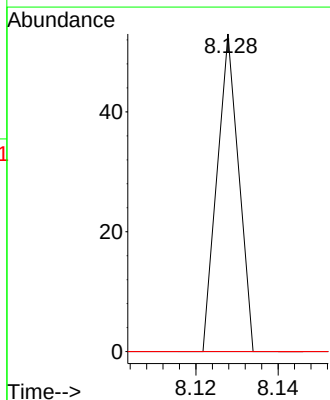
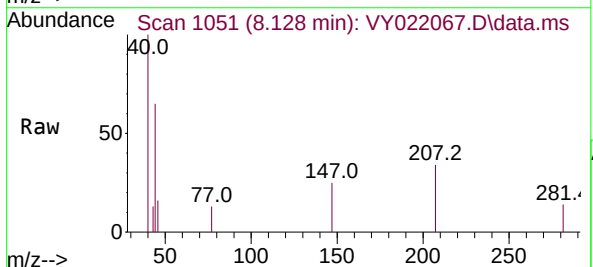
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

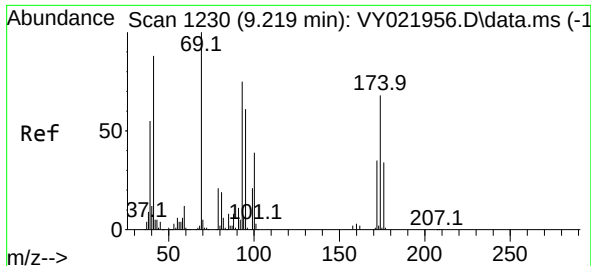
Tgt Ion:	41	Resp:	35
Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.6	55.0#
67	0.0	72.2	108.4#
52	0.0	27.6	41.4#



#43
Isopropyl Acetate
Concen: 2.102 ug/l
RT: 8.128 min Scan# 1051
Delta R.T. -0.067 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion:	43	Resp:	19
Ion	Ratio	Lower	Upper
43	100		
61	0.0	18.9	28.3#
87	0.0	13.7	20.5#





#48

Methyl methacrylate

Concen: 4.546 ug/l

RT: 9.225 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022067.D

Acq: 29 Apr 2025 19:23

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

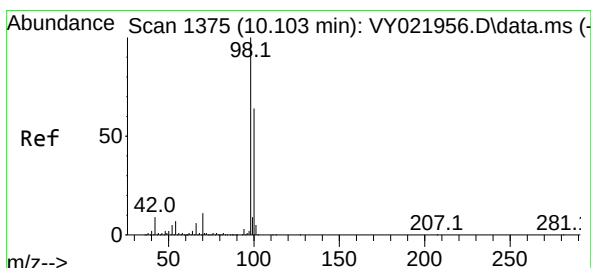
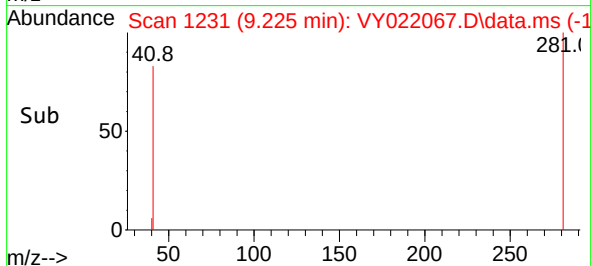
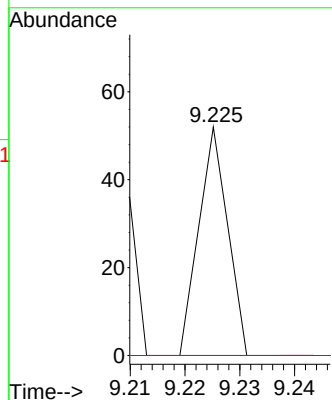
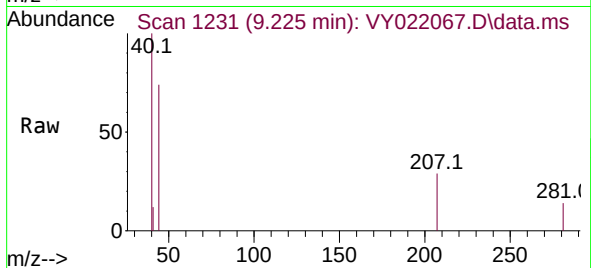
Tgt Ion: 41 Resp: 19

Ion Ratio Lower Upper

41 100

69 0.0 85.5 128.3#

39 0.0 46.2 69.4#



#50

Toluene-d8

Concen: 60.211 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022067.D

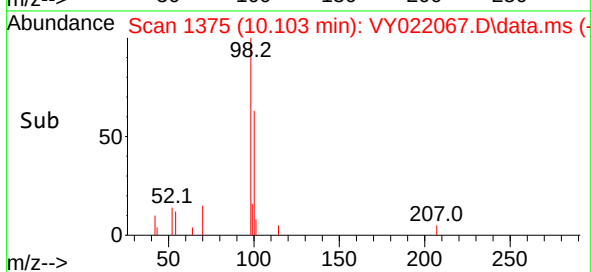
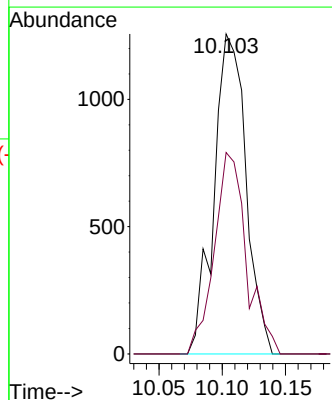
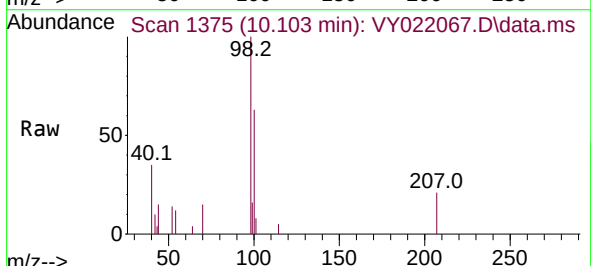
Acq: 29 Apr 2025 19:23

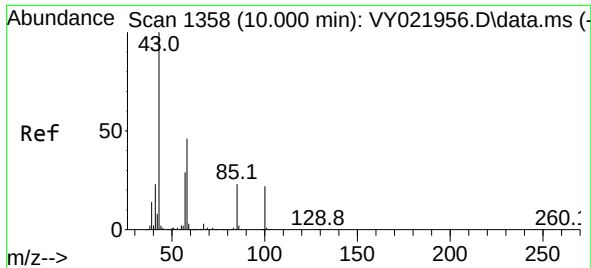
Tgt Ion: 98 Resp: 2215

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4

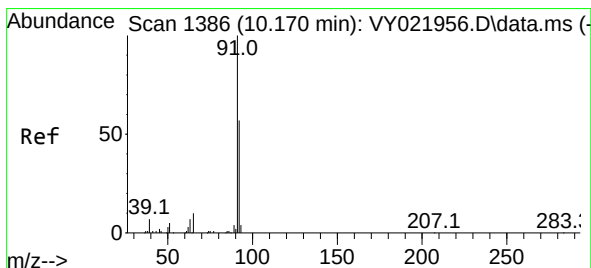
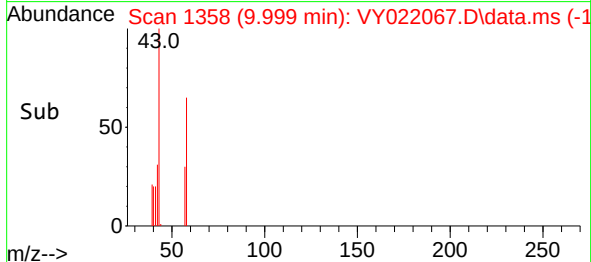
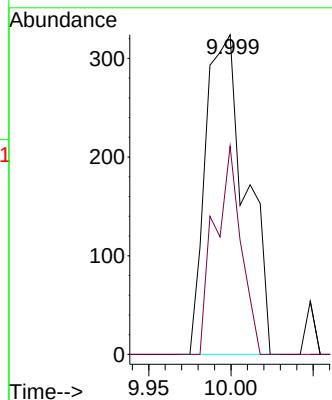
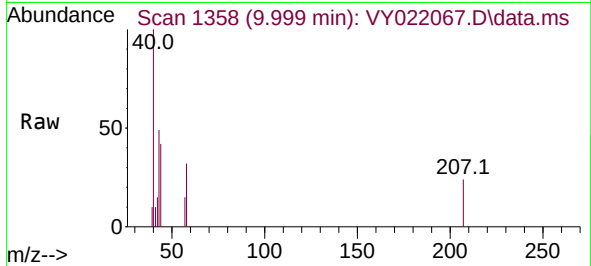




#51
4-Methyl-2-Pentanone
Concen: 116.478 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

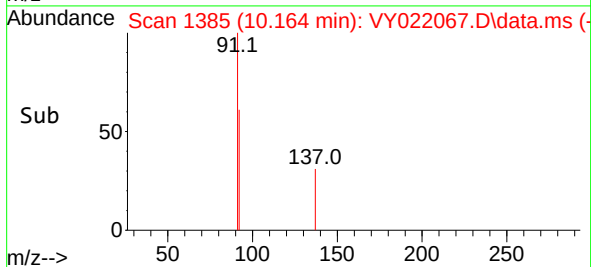
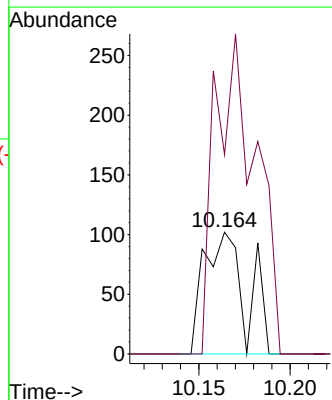
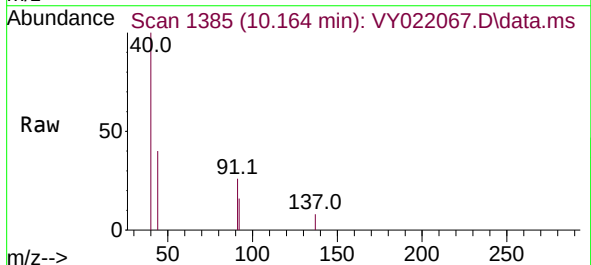
Instrument : MSVOA_Y
ClientSampleId : IBLK

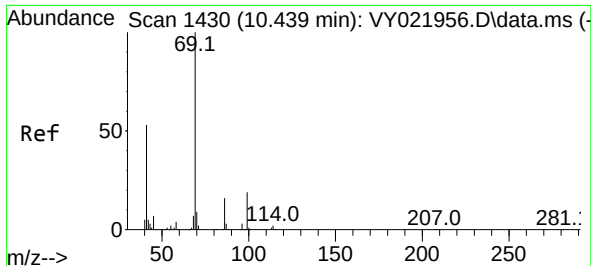
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 42.6 36.6 55.0



#52
Toluene
Concen: 6.146 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 92 Resp: 163
Ion Ratio Lower Upper
92 100
91 254.0 138.6 207.8#

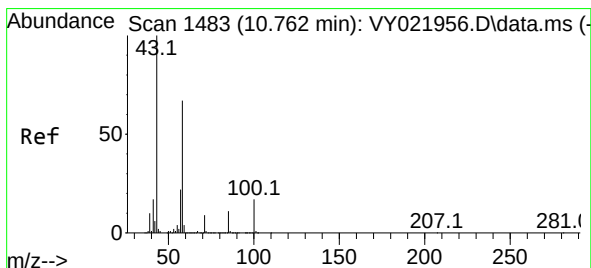
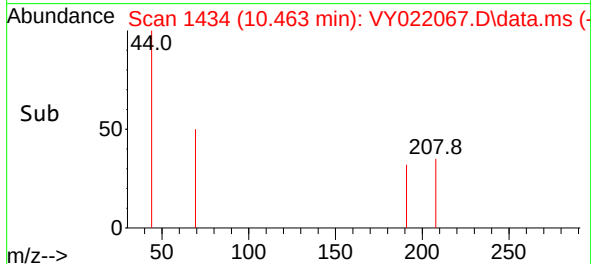
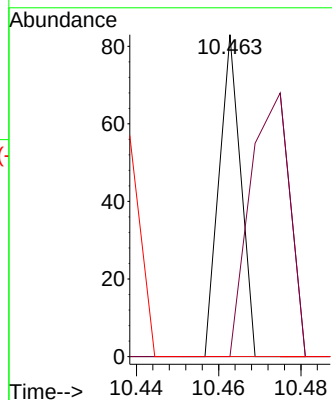
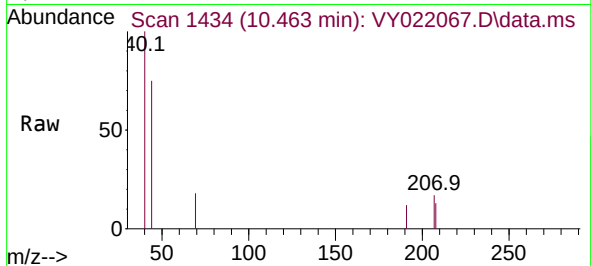




#56
Ethyl methacrylate
Concen: 3.462 ug/l
RT: 10.463 min Scan# 1434
Delta R.T. 0.024 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

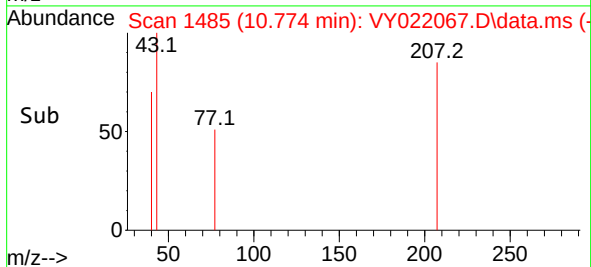
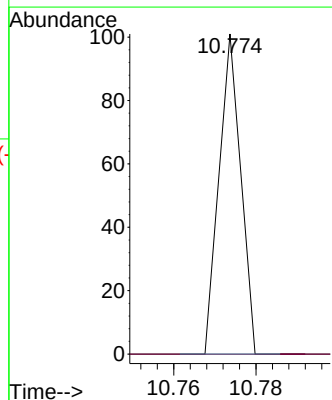
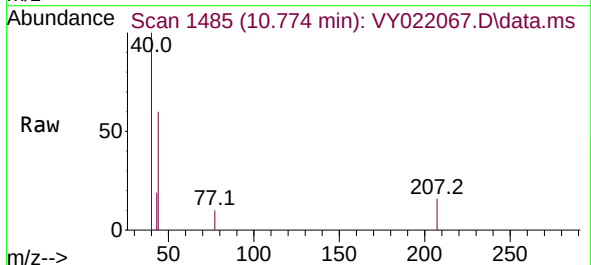
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

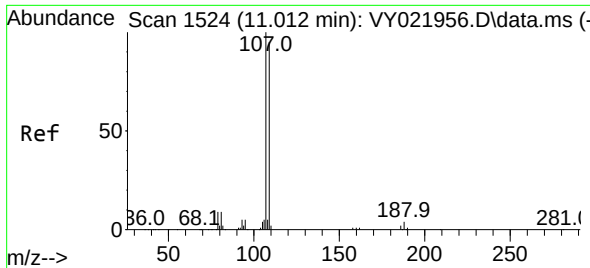
Tgt Ion: 69 Resp: 30
Ion Ratio Lower Upper
69 100
41 150.0 40.7 61.1#
39 0.0 23.3 34.9#



#59
2-Hexanone
Concen: 11.837 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.012 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 43 Resp: 37
Ion Ratio Lower Upper
43 100
58 0.0 32.0 96.0#

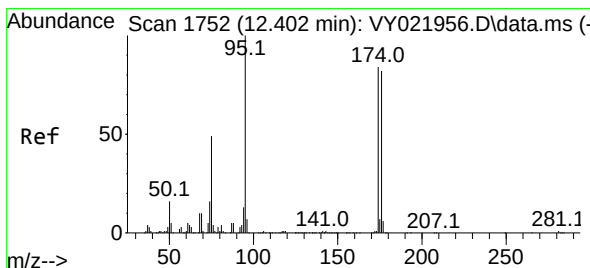
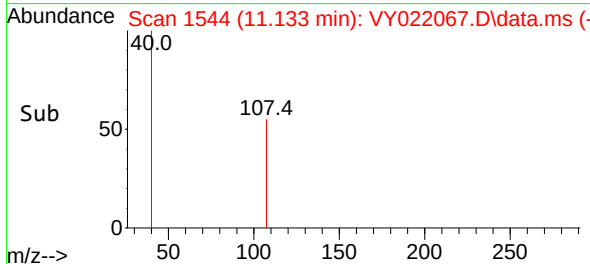
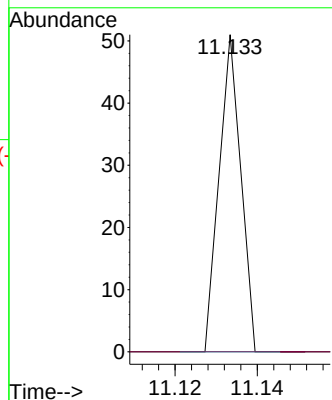
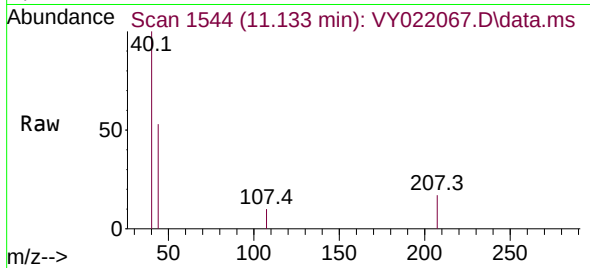




#61
1,2-Dibromoethane
Concen: 2.656 ug/l
RT: 11.133 min Scan# 1544
Delta R.T. 0.122 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

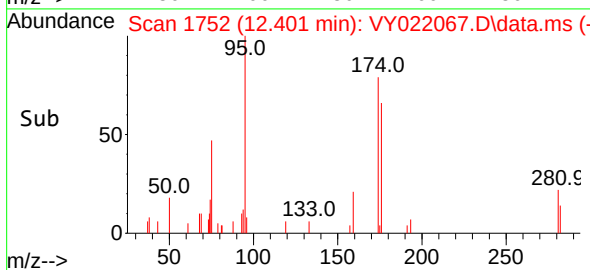
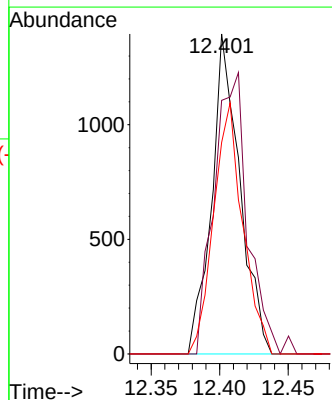
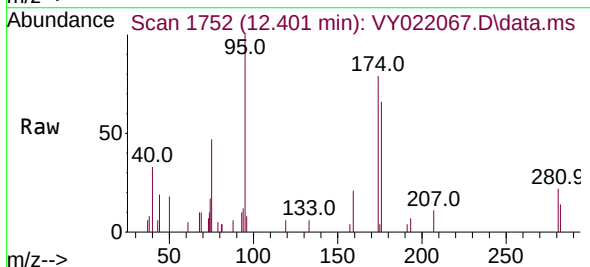
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

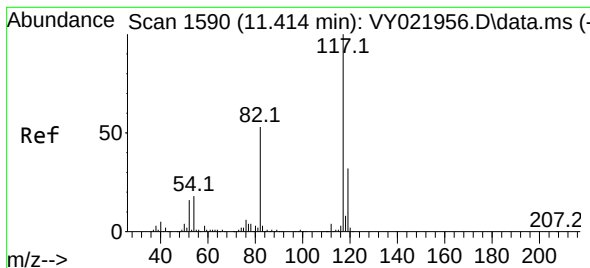
Tgt Ion:107 Resp: 19
Ion Ratio Lower Upper
107 100
109 0.0 75.8 113.8#



#62
4-Bromofluorobenzene
Concen: 161.337 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 95 Resp: 1998
Ion Ratio Lower Upper
95 100
174 105.3 0.0 179.0
176 81.0 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022067.D

Acq: 29 Apr 2025 19:23

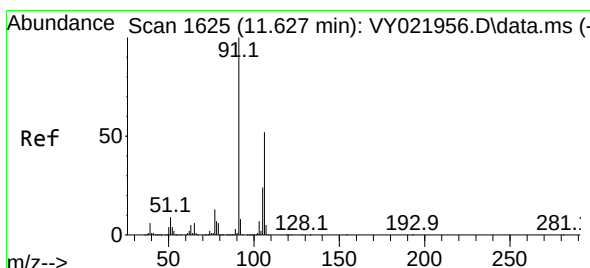
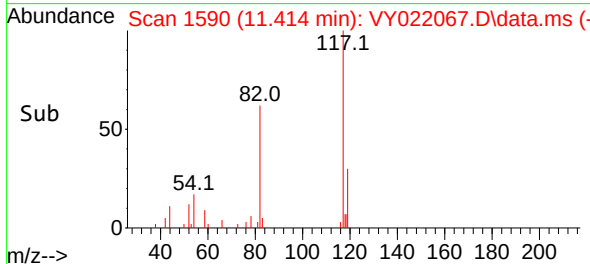
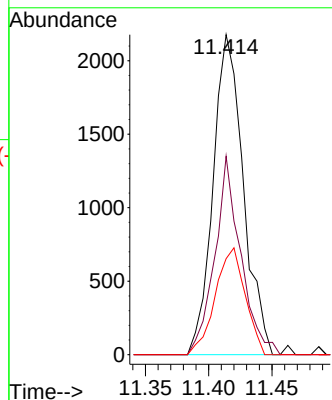
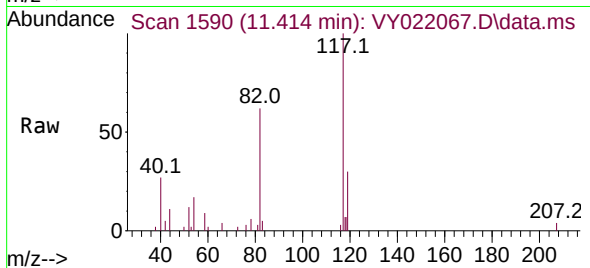
Instrument :

MSVOA_Y

ClientSampleId :

IBLK

Tgt Ion:117	Resp:	3620
Ion	Ratio	Lower Upper
117	100	
82	62.0	42.1 63.1
119	30.0	25.7 38.5



#68

m/p-Xylenes

Concen: 1.120 ug/l

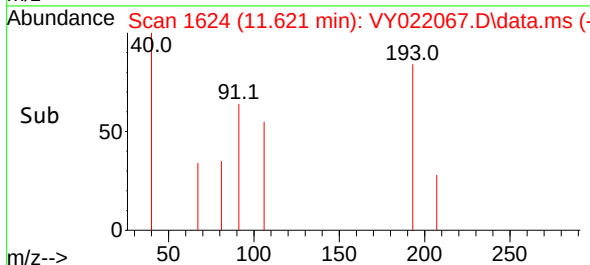
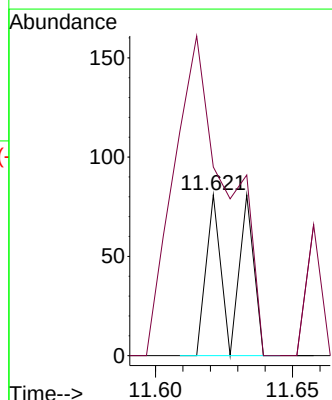
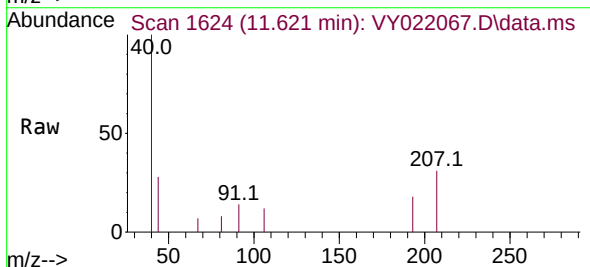
RT: 11.621 min Scan# 1624

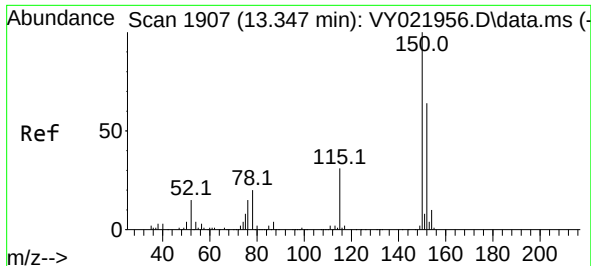
Delta R.T. -0.006 min

Lab File: VY022067.D

Acq: 29 Apr 2025 19:23

Tgt Ion:106	Resp:	59
Ion	Ratio	Lower Upper
106	100	
91	371.2	156.2 234.2#

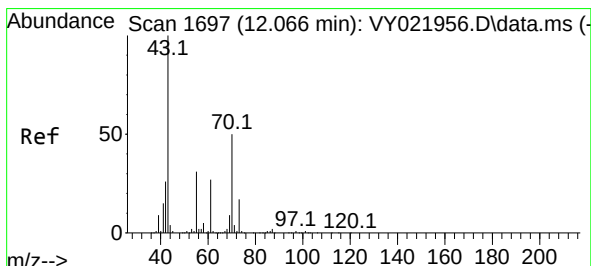
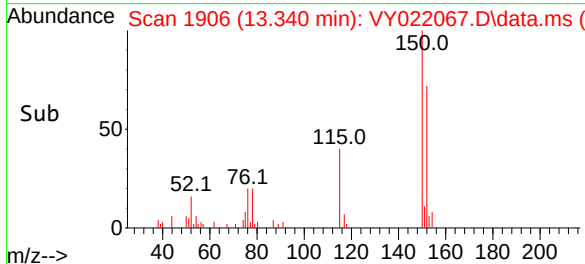
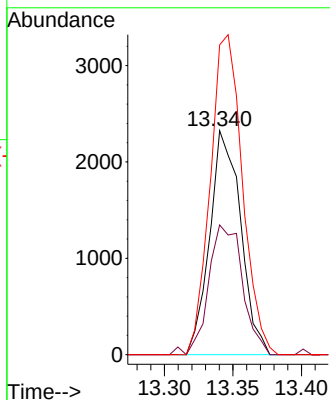
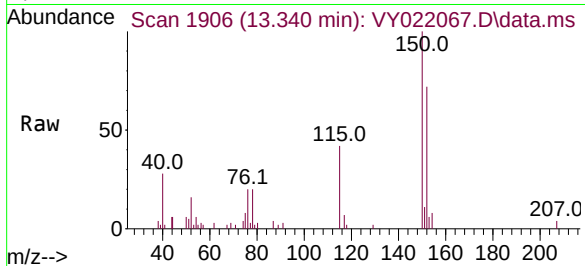




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

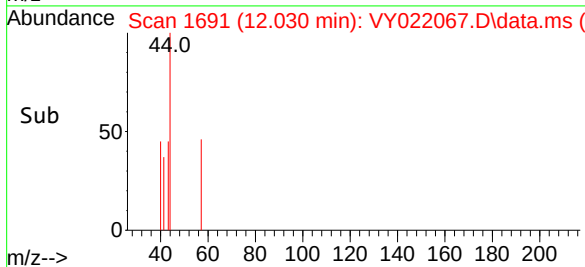
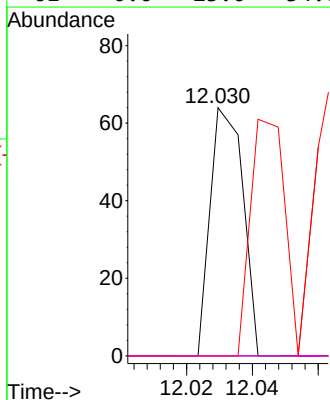
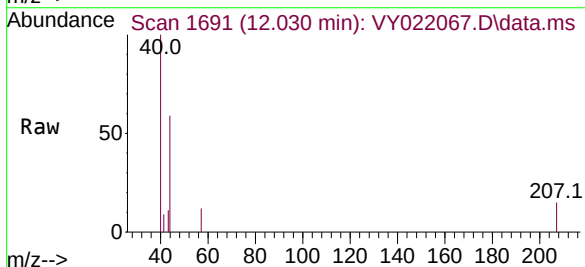
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

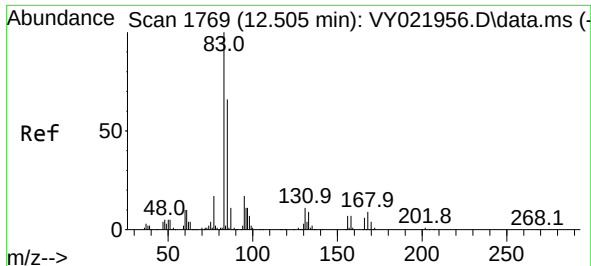
Tgt Ion:152 Resp: 3648
Ion Ratio Lower Upper
152 100
115 63.6 28.0 84.0
150 148.7 0.0 345.6



#74
N-ethyl acetate
Concen: 1.051 ug/l
RT: 12.030 min Scan# 1691
Delta R.T. -0.037 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 43 Resp: 44
Ion Ratio Lower Upper
43 100
70 0.0 43.2 64.8#
55 100.0 25.7 38.5#
61 0.0 23.0 34.6#

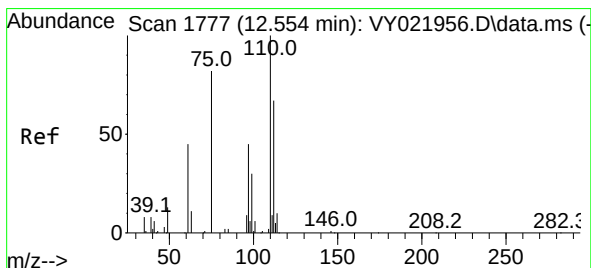
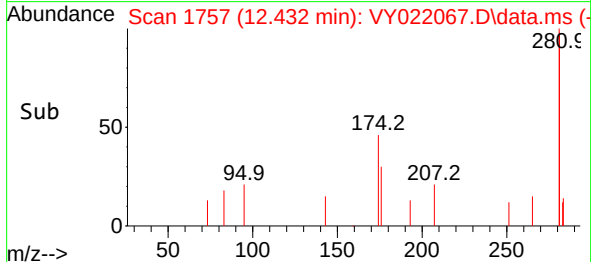
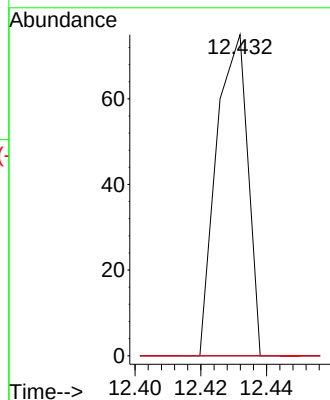
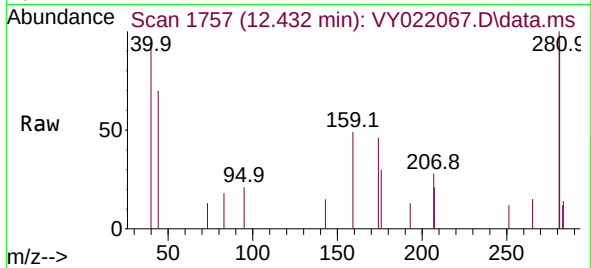




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.192 ug/l
 RT: 12.432 min Scan# 1753
 Delta R.T. -0.073 min
 Lab File: VY022067.D
 Acq: 29 Apr 2025 19:23

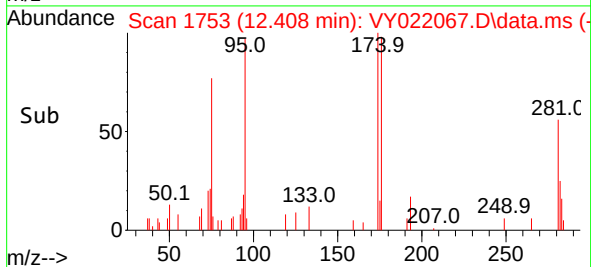
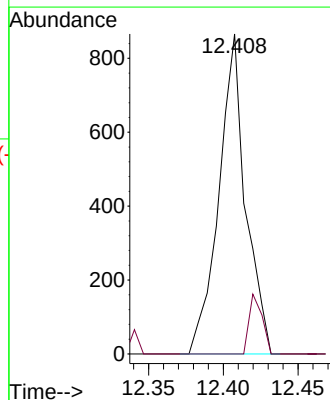
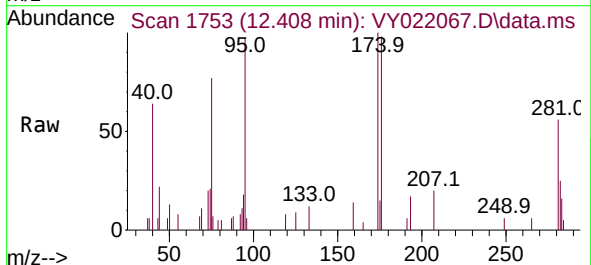
Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

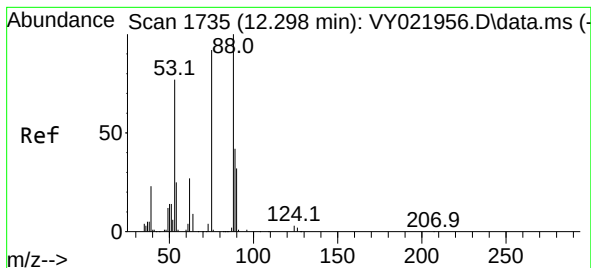
Tgt Ion: 83 Resp: 49
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.4#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 34.403 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY022067.D
 Acq: 29 Apr 2025 19:23

Tgt Ion: 75 Resp: 1075
 Ion Ratio Lower Upper
 75 100
 77 9.1 0.0 0.0#

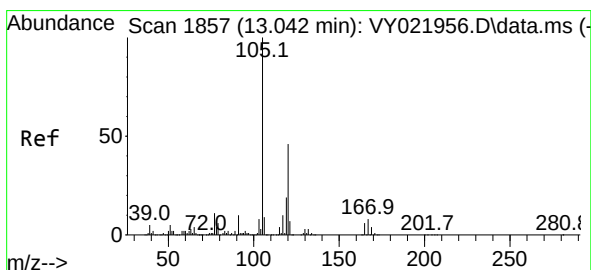
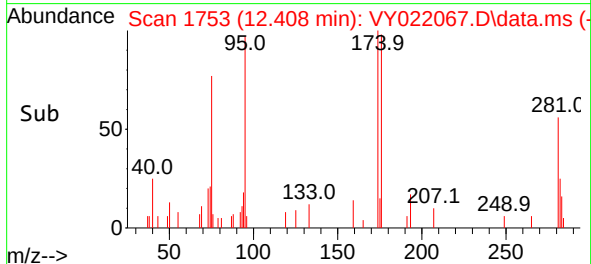
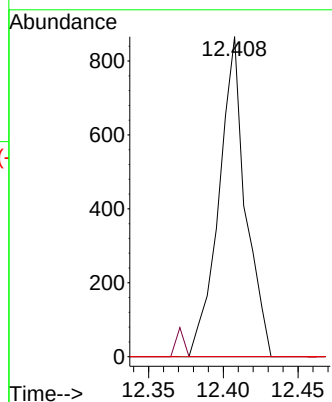
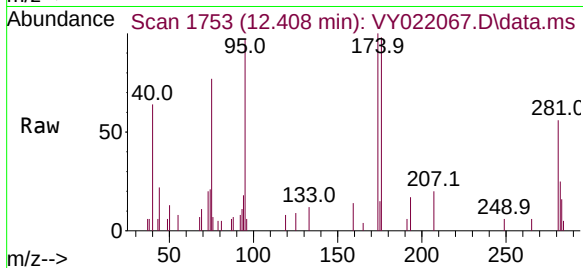




#81
trans-1,4-Dichloro-2-butene
Concen: 82.848 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

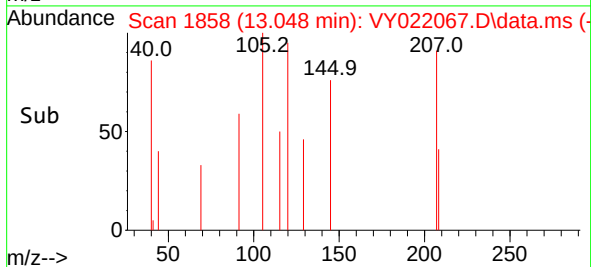
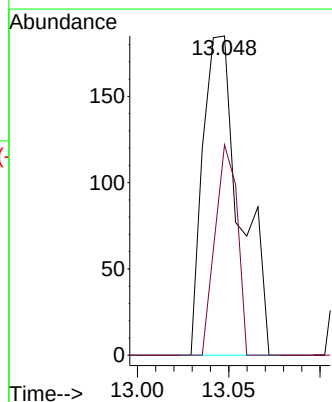
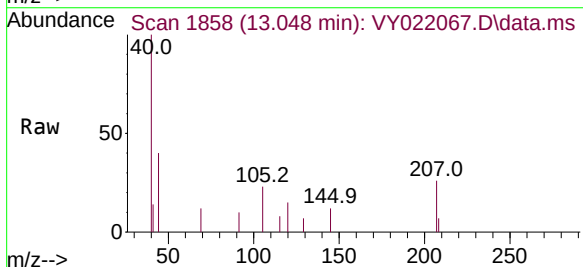
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

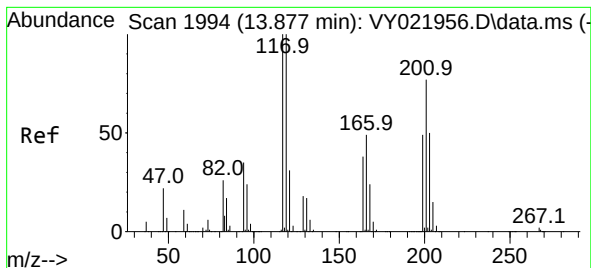
Tgt Ion: 75 Resp: 1075
Ion Ratio Lower Upper
75 100
53 0.0 66.0 99.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 1.314 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022067.D
Acq: 29 Apr 2025 19:23

Tgt Ion: 105 Resp: 264
Ion Ratio Lower Upper
105 100
120 39.0 23.4 70.0





#90

Hexachloroethane

Concen: 2.054 ug/l

RT: 13.840 min Scan# 1994

Delta R.T. -0.037 min

Lab File: VY022067.D

Acq: 29 Apr 2025 19:23

Instrument :

MSVOA_Y

ClientSampleId :

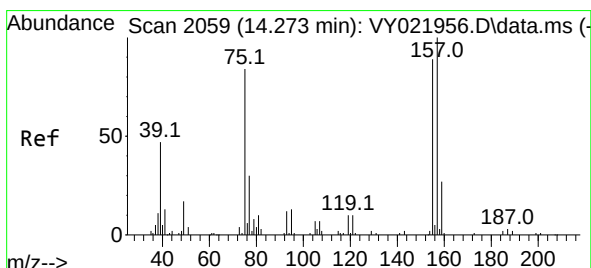
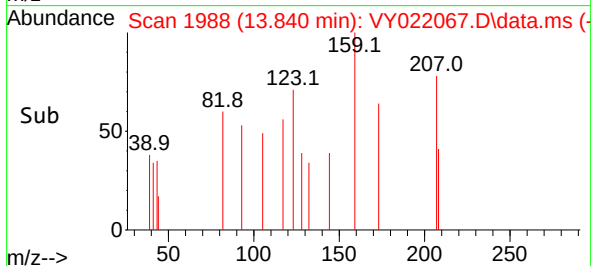
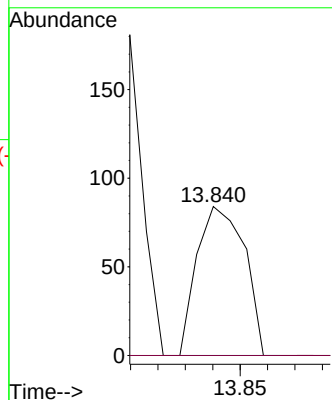
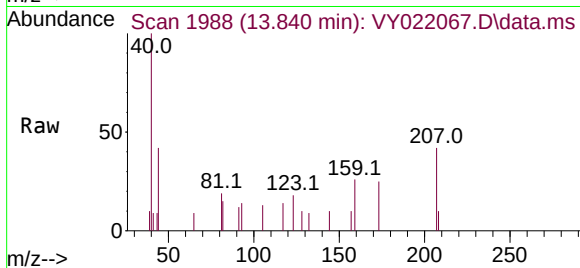
IBLK

Tgt Ion:117 Resp: 101

Ion Ratio Lower Upper

117 100

201 0.0 38.7 116.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.906 ug/l

RT: 14.255 min Scan# 2056

Delta R.T. -0.018 min

Lab File: VY022067.D

Acq: 29 Apr 2025 19:23

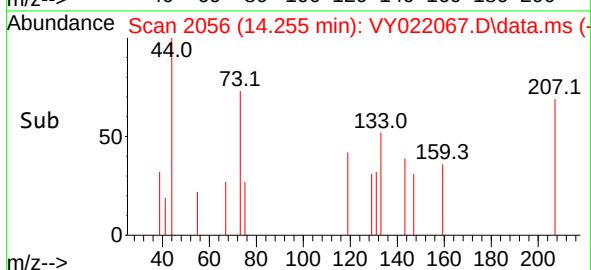
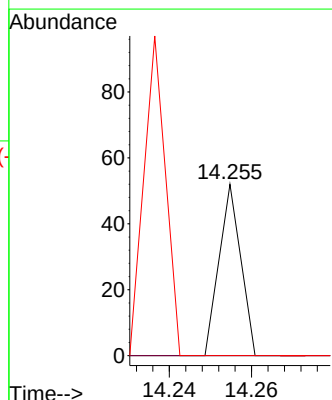
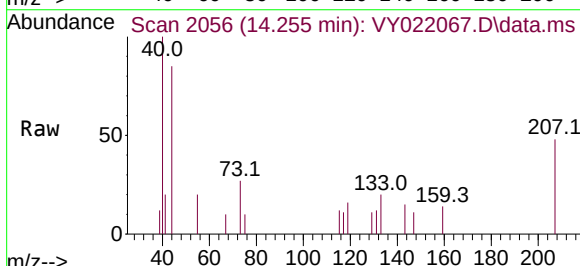
Tgt Ion: 75 Resp: 19

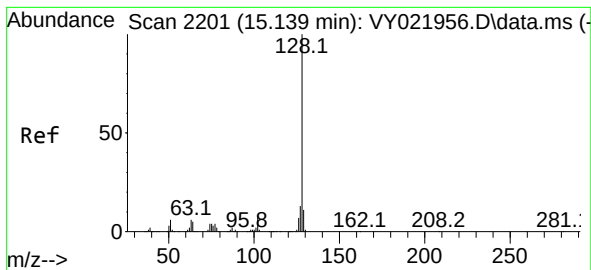
Ion Ratio Lower Upper

75 100

155 0.0 50.7 152.3#

157 189.5 62.6 187.8#





#95

Naphthalene

Concen: 4.869 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022067.D

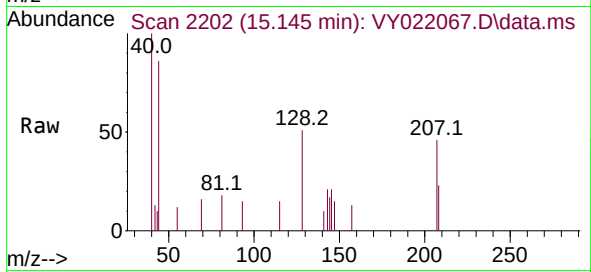
Acq: 29 Apr 2025 19:23

Instrument :

MSVOA_Y

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 500

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 13.2 8.9 13.3

