

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009662.D
 Acq On : 22 Jul 2022 16:12
 Operator : KP/MD
 Sample : N3773-18
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Jul 23 00:54:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	121124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	185141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	174206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49936	43.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.180%
35) Dibromofluoromethane	7.710	113	50056	42.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.840%
50) Toluene-d8	10.173	98	329180	73.414	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	146.820%#
62) 4-Bromofluorobenzene	12.477	95	103459	71.207	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	142.420%

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	1355	Below Cal	#	77
13) Acrolein	3.680	56	9920	121.128	ug/l #	1
14) Allyl chloride	4.558	41	24605	14.280	ug/l #	82
15) Acrylonitrile	5.222	53	135104	428.390	ug/l #	40
16) Acetone	3.924	43	172265	594.457	ug/l #	61
19) Methyl tert-butyl Ether	5.222	73	4712	1.605	ug/l #	1
20) Methylene Chloride	4.698	84	21558	6.148	ug/l #	1
23) Vinyl Acetate	6.082	43	19592	8.439	ug/l #	81
24) 1,1-Dichloroethane	6.088	63	7349	3.458	ug/l #	82
25) 2-Butanone	6.966	43	57370	135.721	ug/l #	60
26) 2,2-Dichloropropane	6.990	77	2082	1.094	ug/l #	55
29) Tetrahydrofuran	7.344	42	2809	10.122	ug/l #	38
30) Chloroform	7.454	83	98452	45.288	ug/l #	18
31) Cyclohexane	7.759	56	1971728	976.151	ug/l #	61
37) Ethyl Acetate	6.966	43	57370	59.805	ug/l #	75
38) Carbon Tetrachloride	7.777	117	10784	5.977	ug/l #	16
39) Methylcyclohexane	9.179	83	2593503	1220.330	ug/l	93
40) Benzene	8.149	78	143915	28.535	ug/l	96
41) Methacrylonitrile	7.344	41	25160	54.658	ug/l #	50
42) 1,2-Dichloroethane	8.271	62	4865	3.439	ug/l #	1
43) Isopropyl Acetate	8.258	43	557058	316.912	ug/l #	57
45) 1,2-Dichloropropane	9.179	63	30352	24.530	ug/l #	1
47) Bromodichloromethane	9.478	83	136084	80.756	ug/l #	25
48) Methyl methacrylate	9.313	41	155530	200.268	ug/l #	32
49) 1,4-Dioxane	9.185	88	20	2.088	ug/l #	1
51) 4-Methyl-2-Pentanone	10.106	43	324462	355.506	ug/l #	85
52) Toluene	10.240	92	33564	10.506	ug/l	100
55) 1,1,2-Trichloroethane	10.612	97	664806	656.857	ug/l #	20
56) Ethyl methacrylate	10.514	69	44946	34.711	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.746	63	12726	44.424	ug/l #	48
59) 2-Hexanone	10.801	43	464533	731.797	ug/l #	34
60) Dibromochloromethane	10.898	129	3270	2.670	ug/l	70
61) 1,2-Dibromoethane	11.057	107	2711	2.745	ug/l #	1
65) Chlorobenzene	11.624	112	9457	2.657	ug/l #	42
67) Ethyl Benzene	11.587	91	5209805	832.100	ug/l	94
68) m/p-Xylenes	11.697	106	1437743	576.997	ug/l	91

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

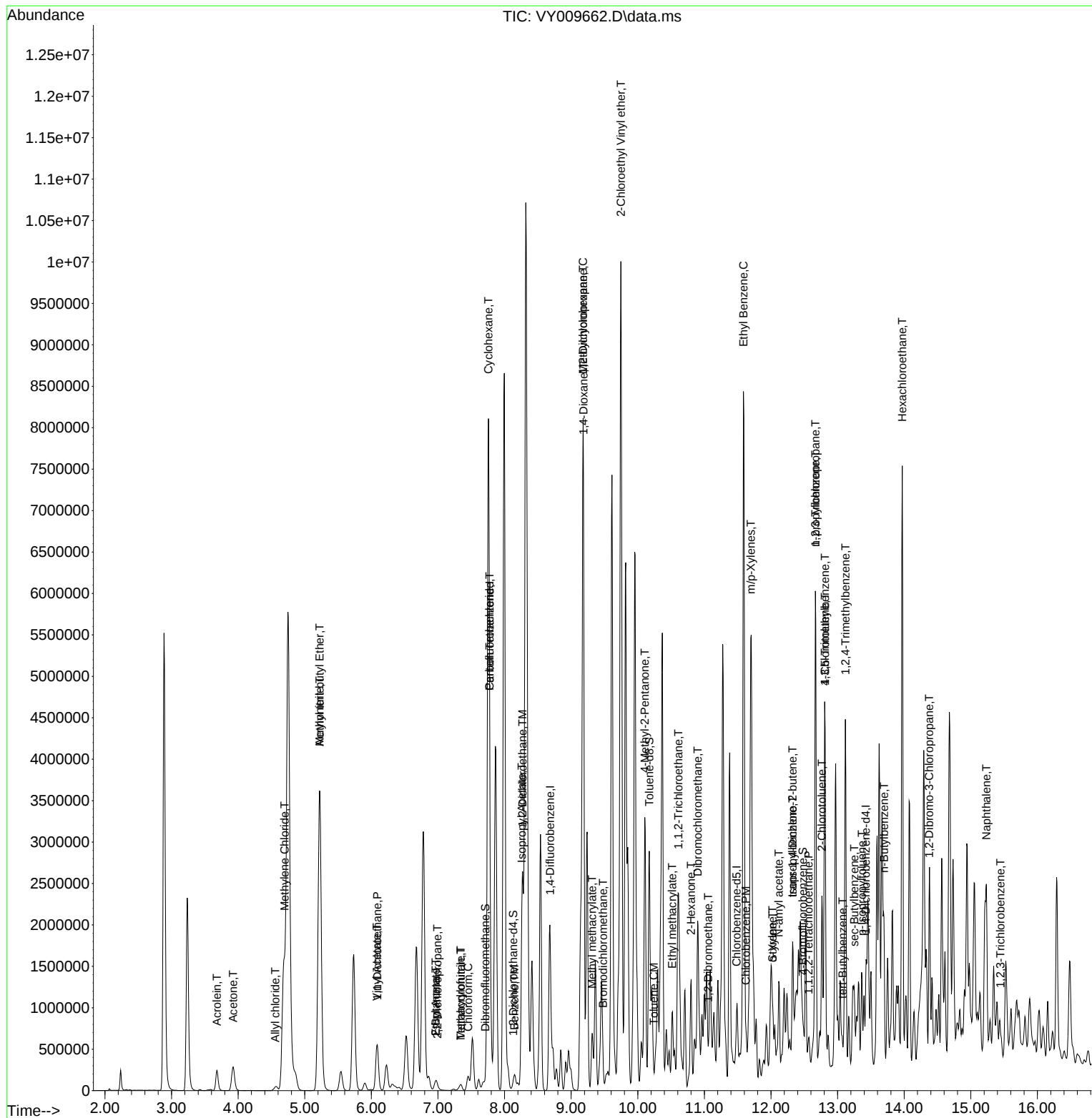
69) o-Xylene	12.026	106	87233	37.410	ug/l	96
70) Styrene	12.026	104	4899	1.263	ug/l #	1
73) Isopropylbenzene	12.325	105	918692	153.731	ug/l	99
74) N-amyl acetate	12.118	43	220519	138.750	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.563	83	7510	6.275	ug/l #	1
76) 1,2,3-Trichloropropane	12.666	75	24318	29.576	ug/l #	100
78) n-propylbenzene	12.666	91	4234696	586.438	ug/l	96
79) 2-Chlorotoluene	12.764	91	165111	41.241	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.813	105	1638234	331.760	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.325	75	10023	24.037	ug/l #	43
82) 4-Chlorotoluene	12.813	91	171234	41.227	ug/l #	44
83) tert-Butylbenzene	13.075	119	18266	4.164	ug/l #	24
84) 1,2,4-Trimethylbenzene	13.117	105	2163979	438.192	ug/l	96
85) sec-Butylbenzene	13.251	105	484155	74.434	ug/l #	46
86) p-Isopropyltoluene	13.367	119	144461	26.428	ug/l	99
89) n-Butylbenzene	13.697	91	1206845	241.743	ug/l #	75
90) Hexachloroethane	13.971	117	325705	309.278	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4537	24.919	ug/l #	28
95) Naphthalene	15.233	128	1445712	464.570	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	2361	1.649	ug/l #	13

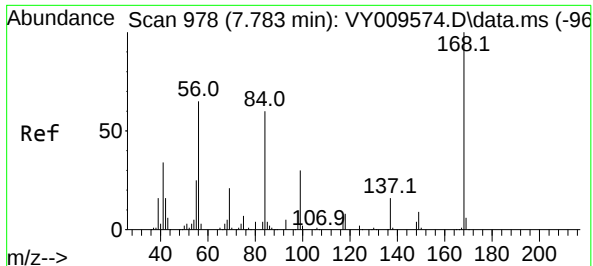
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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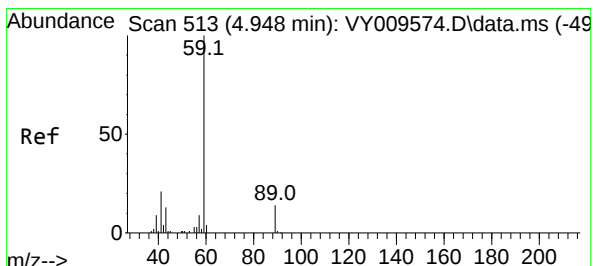
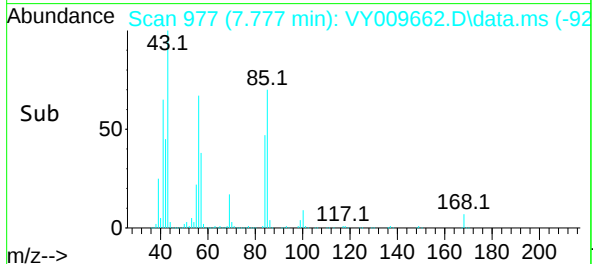
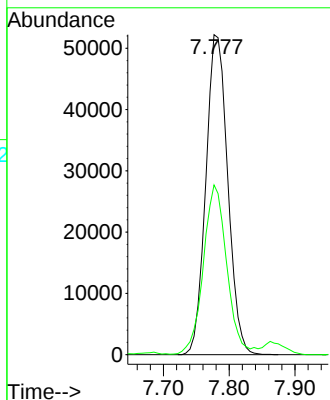
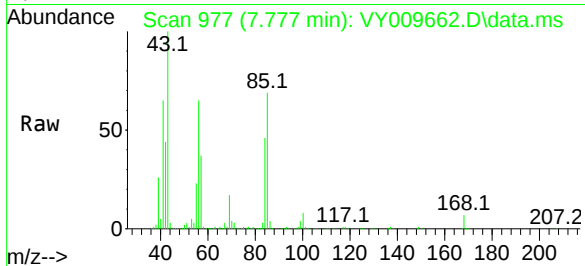




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009662.D
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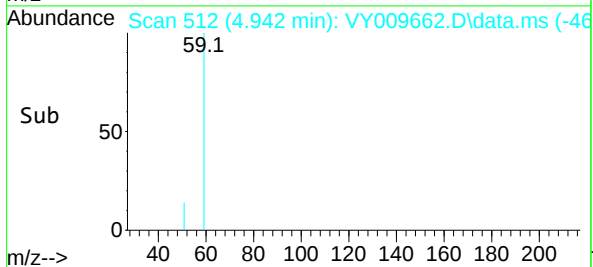
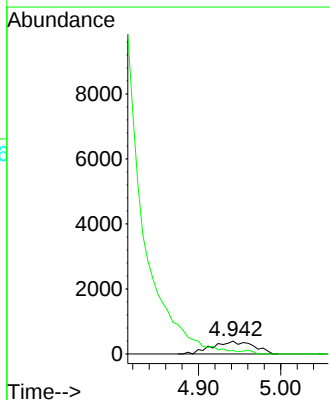
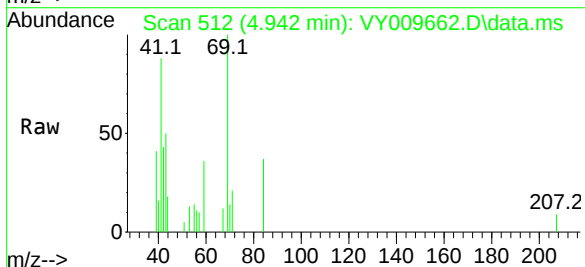
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MSVOA_Y
ClientSampleId :
IBLK

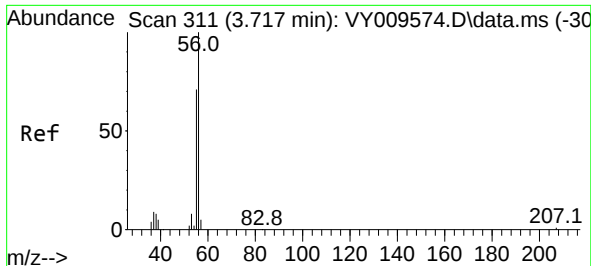
Tgt Ion:168 Resp: 121124
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 59 Resp: 1355
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#13

Acrolein

Concen: 121.128 ug/l

RT: 3.680 min Scan# 305

Delta R.T. -0.037 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

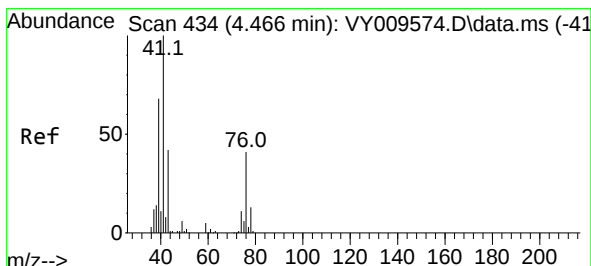
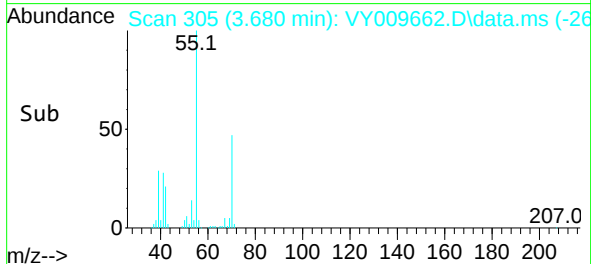
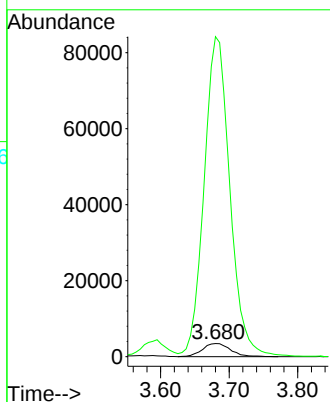
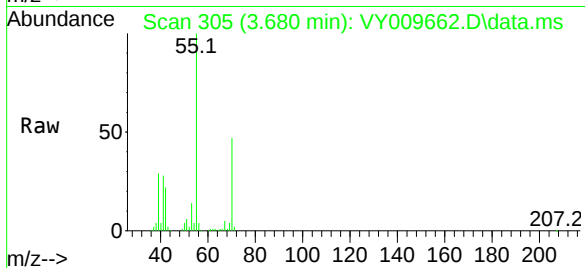
IBLK

Tgt Ion: 56 Resp: 9920

Ion Ratio Lower Upper

56 100

55 2212.1 57.6 86.4#



#14

Allyl chloride

Concen: 14.280 ug/l

RT: 4.558 min Scan# 449

Delta R.T. 0.091 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

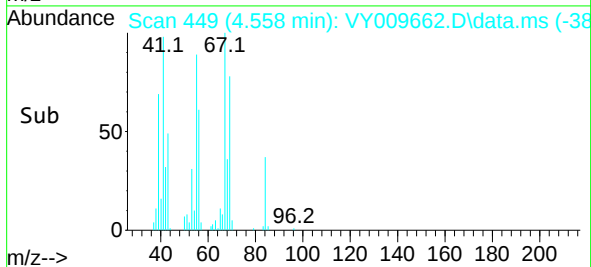
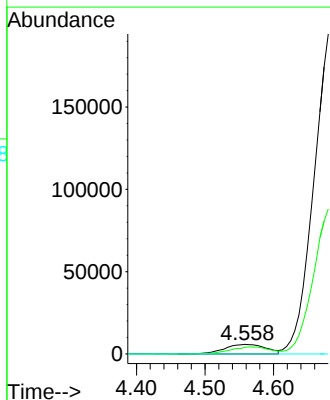
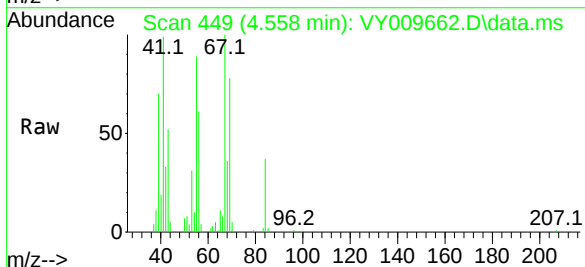
Tgt Ion: 41 Resp: 24605

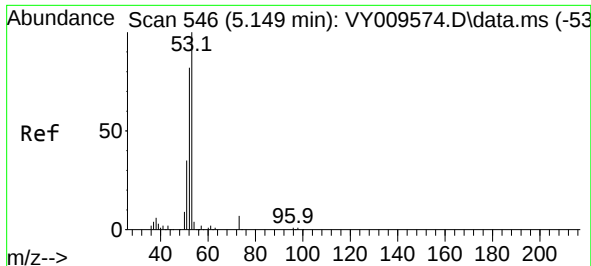
Ion Ratio Lower Upper

41 100

39 71.7 58.8 88.2

76 0.0 25.1 37.7#

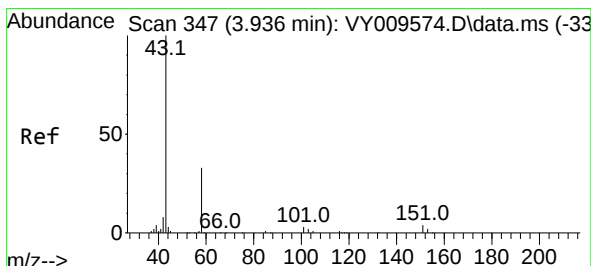
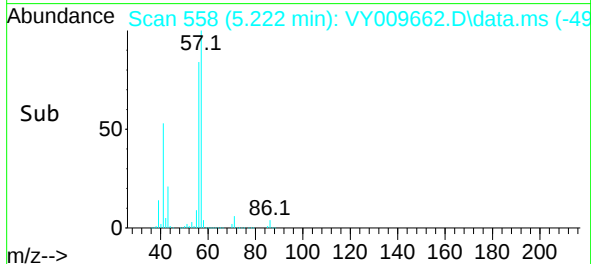
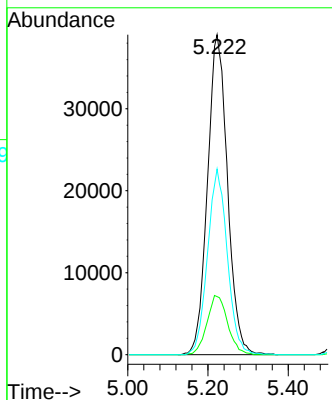
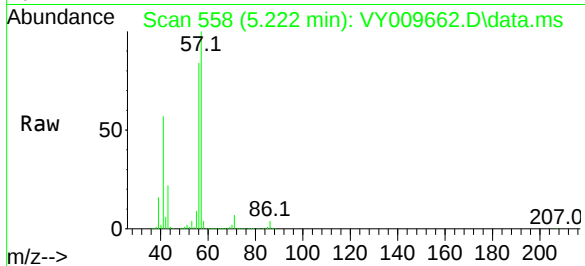




#15
Acrylonitrile
Concen: 428.390 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.073 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

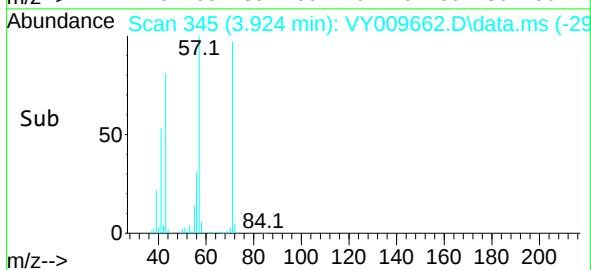
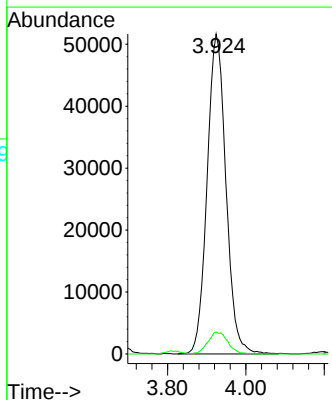
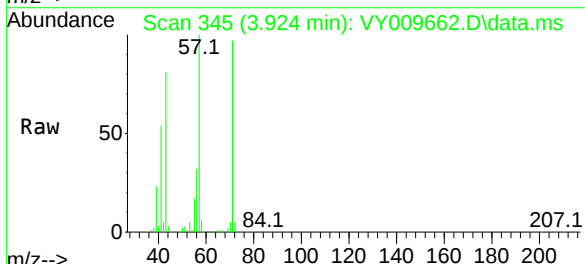
Instrument :
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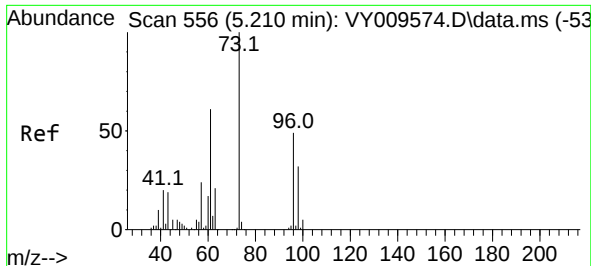
Tgt Ion: 53 Resp: 135104
Ion Ratio Lower Upper
53 100
52 19.1 67.0 100.4#
51 57.3 29.8 44.6#



#16
Acetone
Concen: 594.457 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 43 Resp: 172265
Ion Ratio Lower Upper
43 100
58 6.9 22.0 33.0#

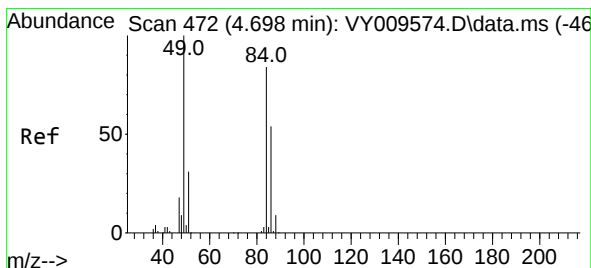
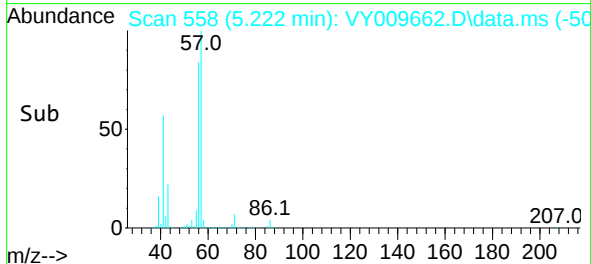
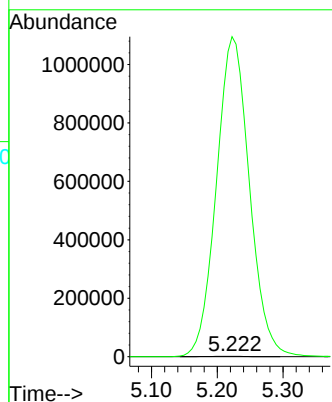
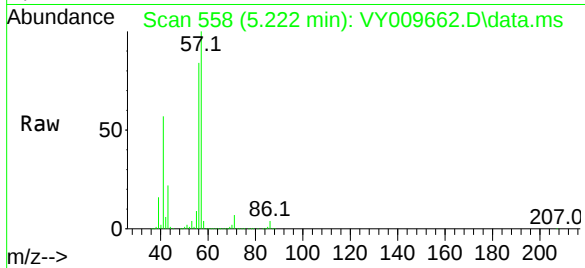




#19
Methyl tert-butyl Ether
Concen: 1.605 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

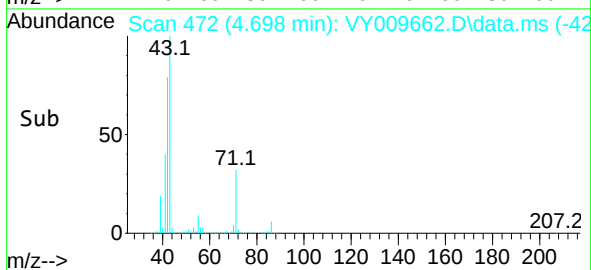
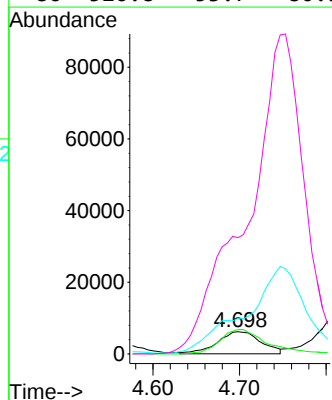
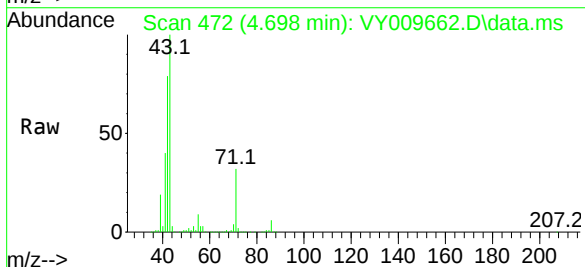
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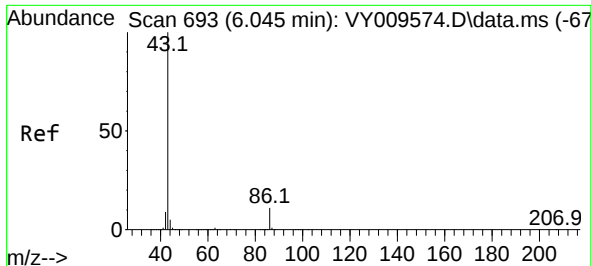
Tgt Ion: 73 Resp: 4712
Ion Ratio Lower Upper
73 100
57 89283.4 18.6 27.8#



#20
Methylene Chloride
Concen: 6.148 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 84 Resp: 21558
Ion Ratio Lower Upper
84 100
49 117.0 114.4 171.6
51 157.6 35.3 52.9#
86 526.8 53.7 80.5#

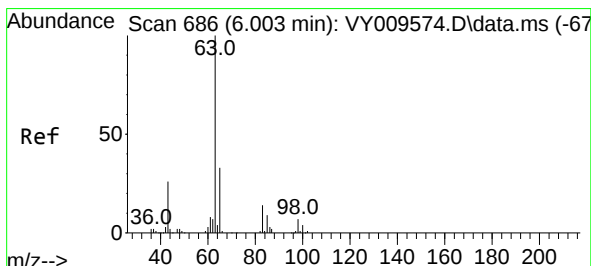
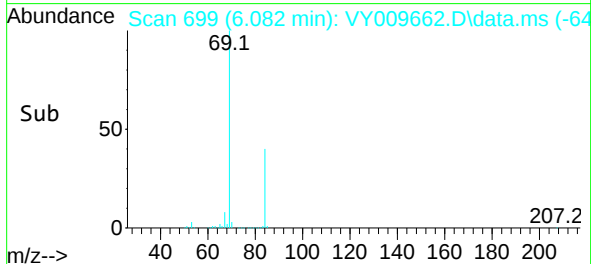
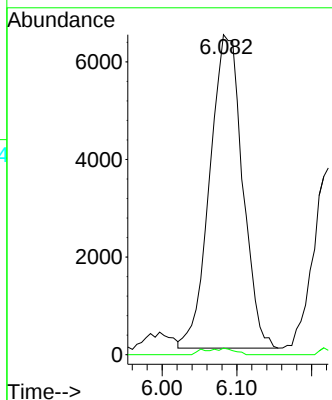
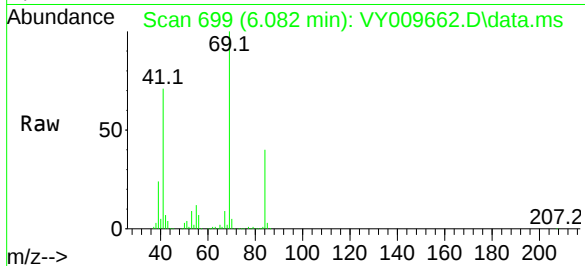




#23
 Vinyl Acetate
 Concen: 8.439 ug/l
 RT: 6.082 min Scan# 693
 Delta R.T. 0.037 min
 Lab File: VY009662.D
 Acq: 22 Jul 2022 16:12

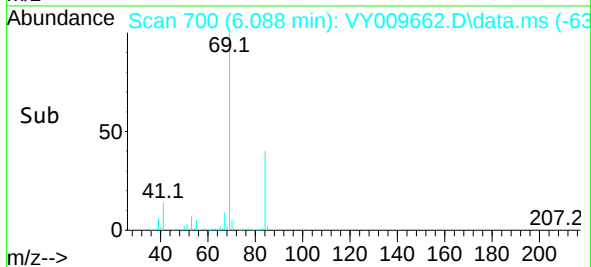
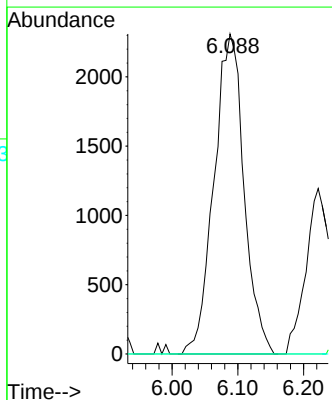
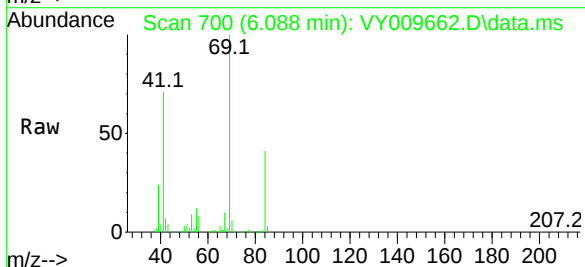
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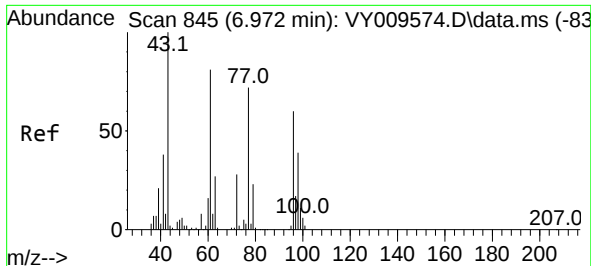
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 Ion Ratio Lower Upper
 43 100
 86 2.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 3.458 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.085 min
 Lab File: VY009662.D
 Acq: 22 Jul 2022 16:12

Tgt Ion: 63 Resp: 7349
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.0 5.8#

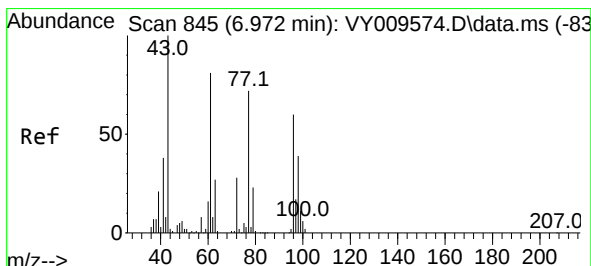
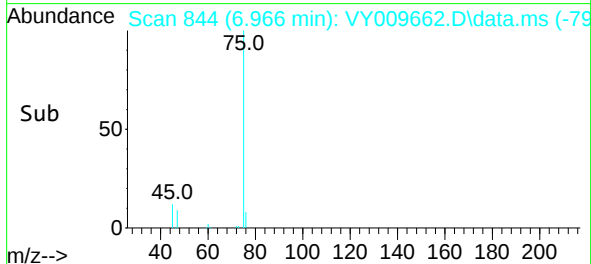
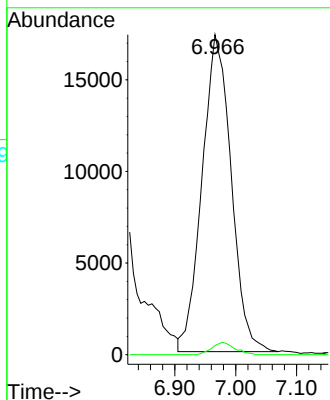
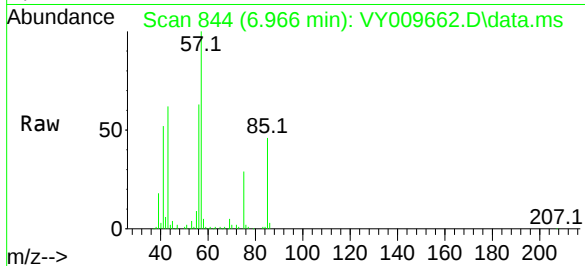




#25
2-Butanone
Concen: 135.721 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

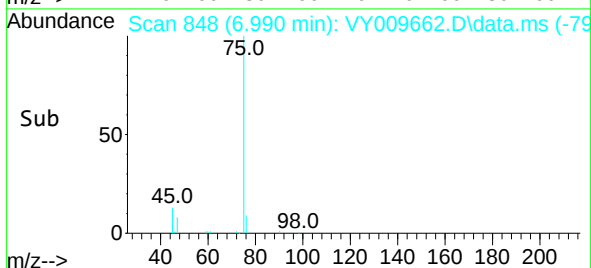
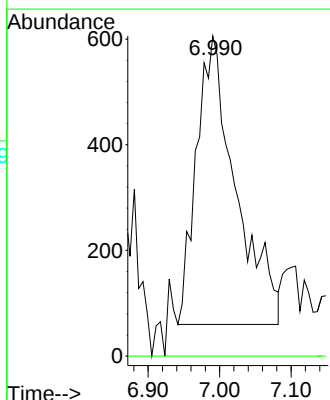
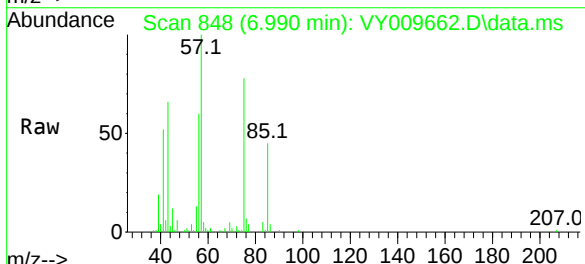
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

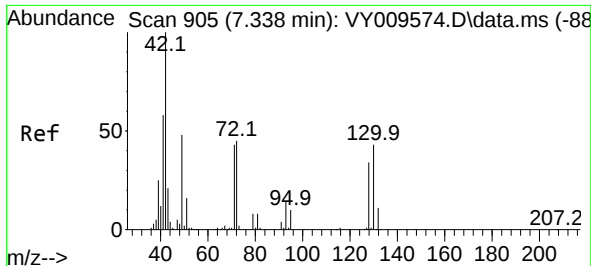
Tgt Ion: 43 Resp: 57370
Ion Ratio Lower Upper
43 100
72 2.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.094 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 77 Resp: 2082
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#





#29

Tetrahydrofuran

Concen: 10.122 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

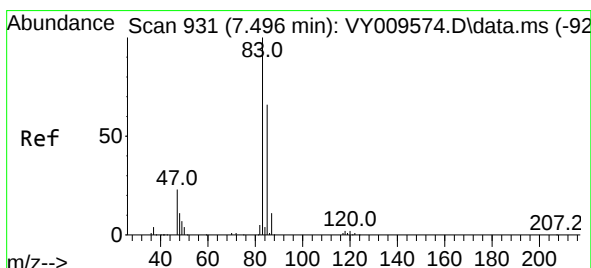
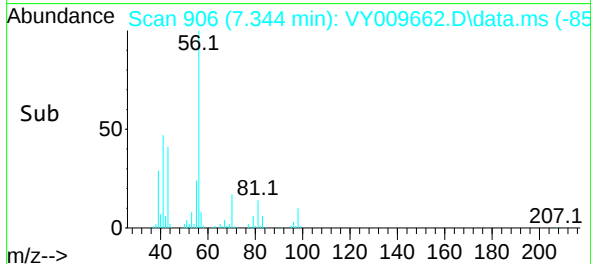
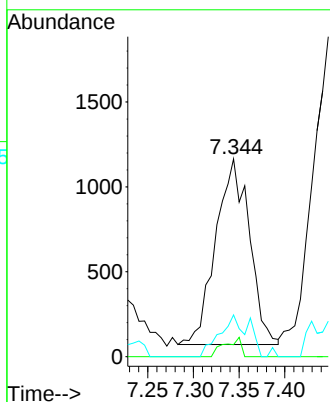
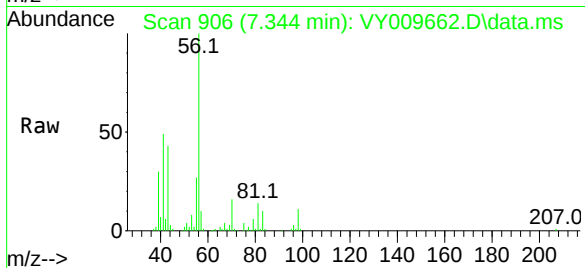
Tgt Ion: 42 Resp: 2809

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 45.288 ug/l

RT: 7.454 min Scan# 924

Delta R.T. -0.043 min

Lab File: VY009662.D

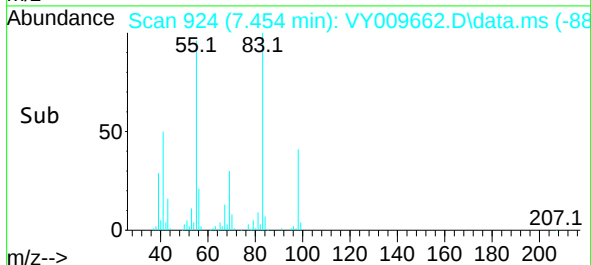
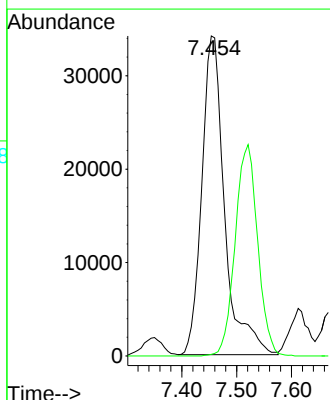
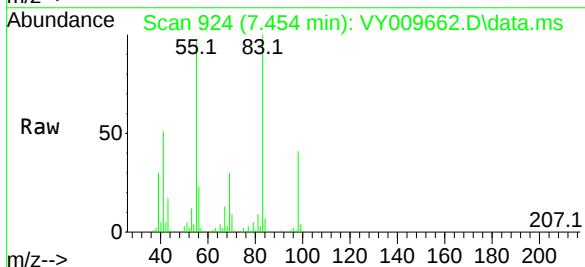
Acq: 22 Jul 2022 16:12

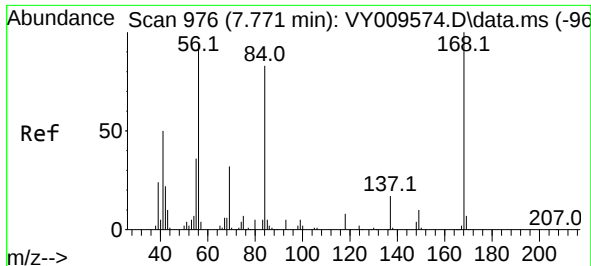
Tgt Ion: 83 Resp: 98452

Ion Ratio Lower Upper

83 100

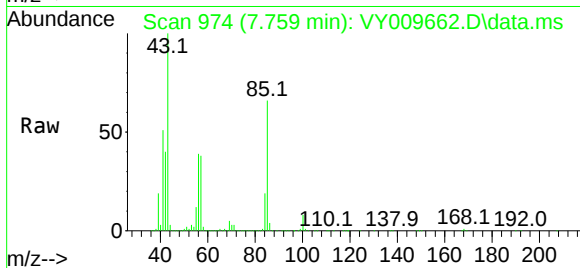
85 0.5 51.8 77.6#



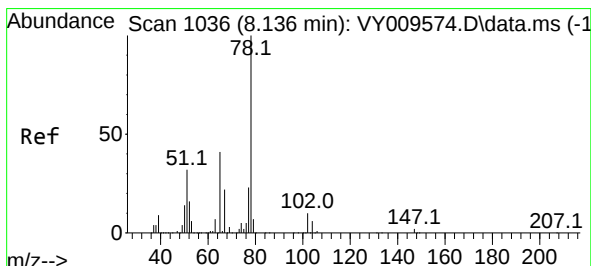
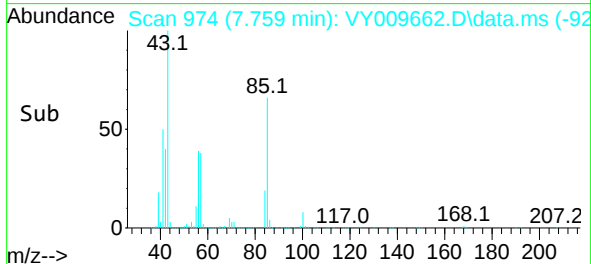
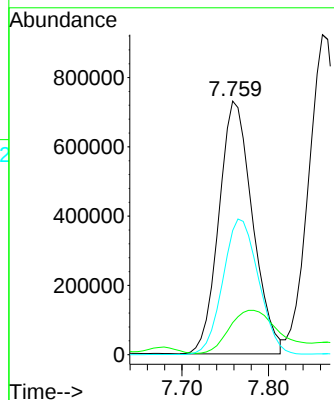


#31
Cyclohexane
Concen: 976.151 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

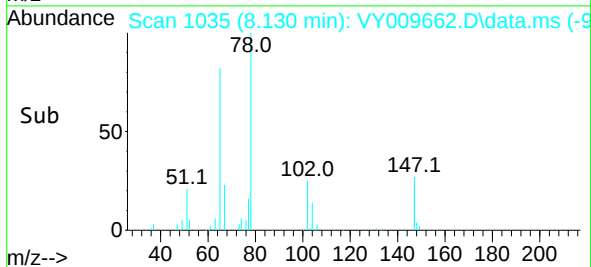
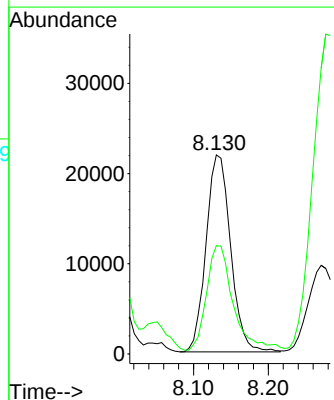
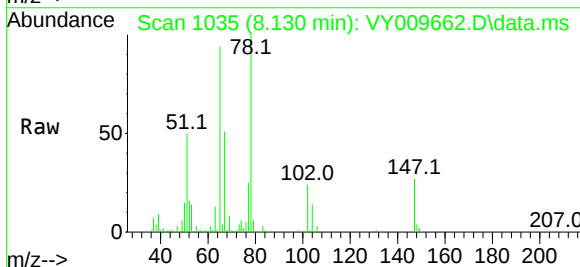


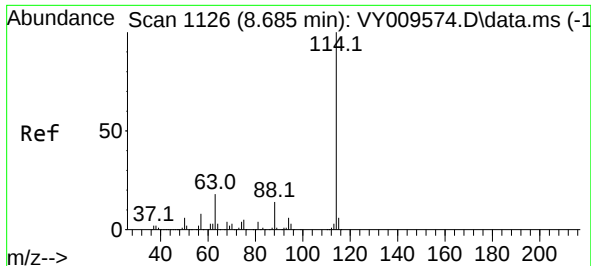
Tgt Ion: 56 Resp: 1971728
Ion Ratio Lower Upper
56 100
69 11.1 26.7 40.1#
84 49.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 43.592 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 65 Resp: 49936
Ion Ratio Lower Upper
65 100
67 57.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

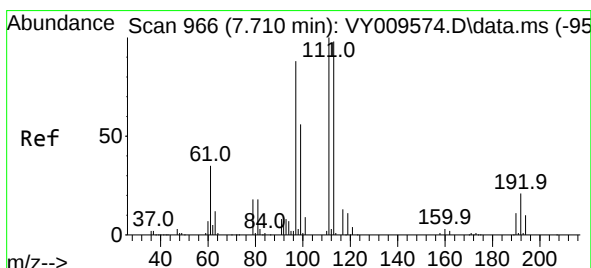
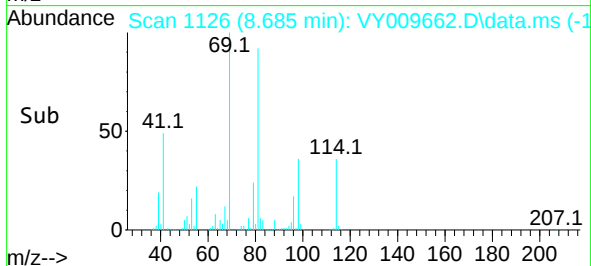
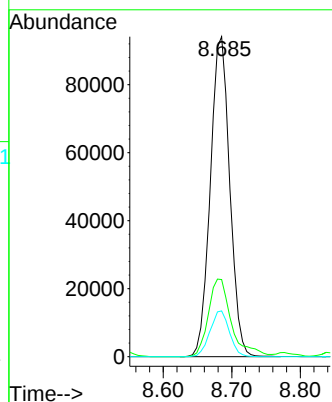
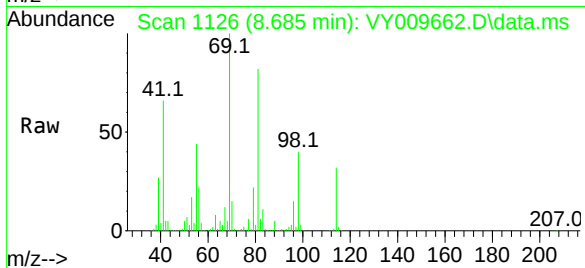
Tgt Ion:114 Resp: 185141

Ion Ratio Lower Upper

114 100

63 24.1 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.916 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

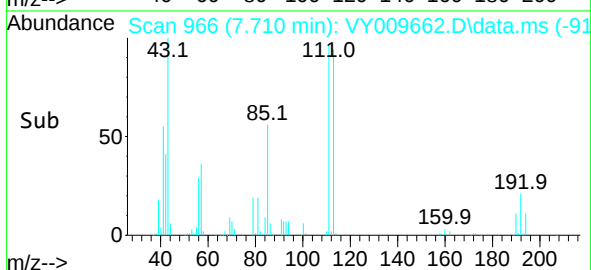
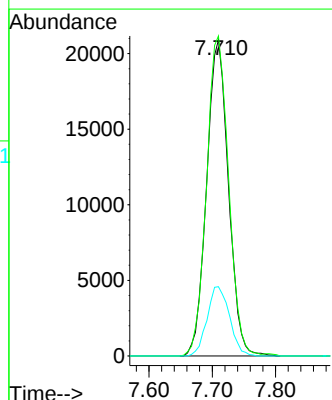
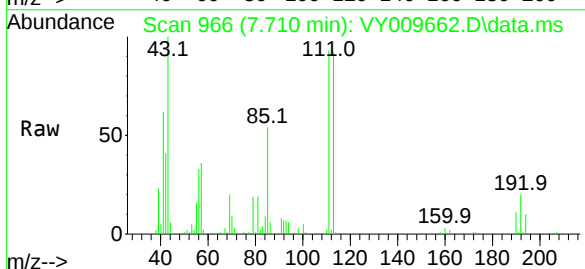
Tgt Ion:113 Resp: 50056

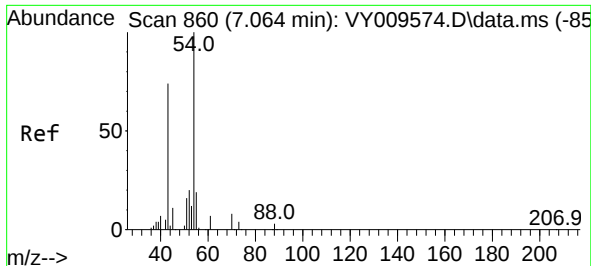
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 22.6 17.6 26.4





#37

Ethyl Acetate

Concen: 59.805 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.097 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

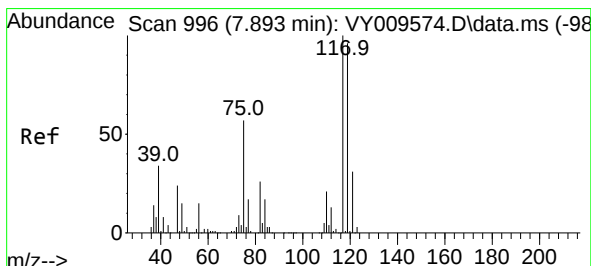
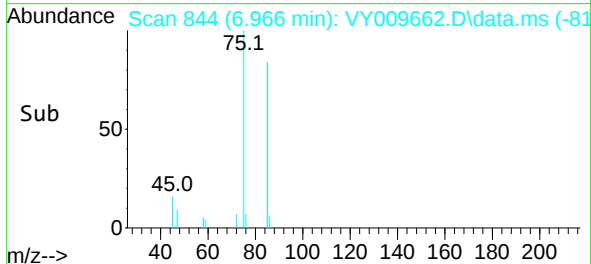
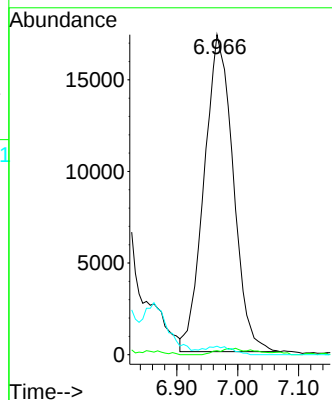
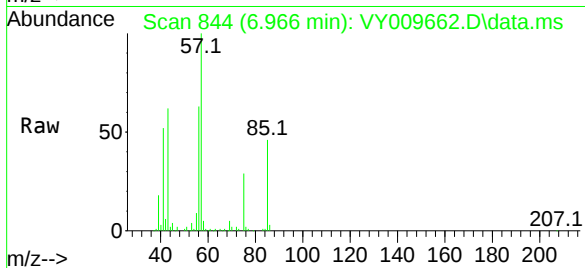
Tgt Ion: 43 Resp: 57370

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 2.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.977 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

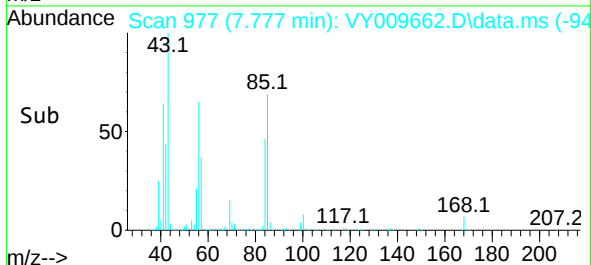
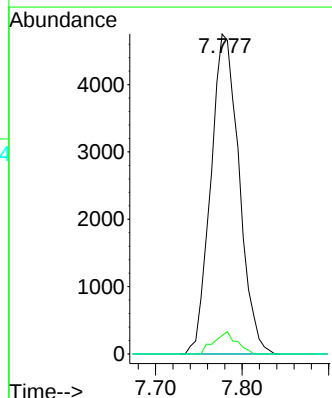
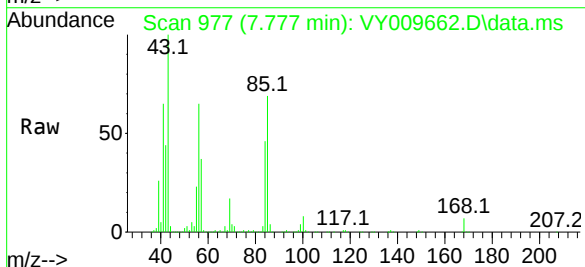
Tgt Ion: 117 Resp: 10784

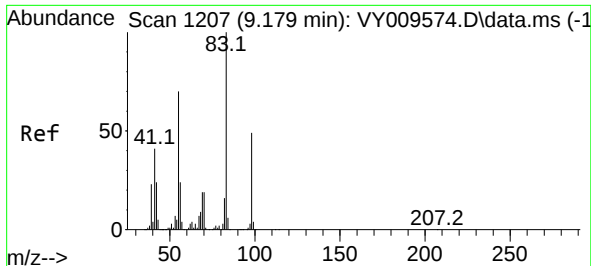
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1220.330 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

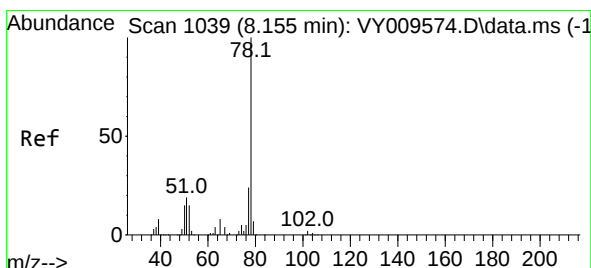
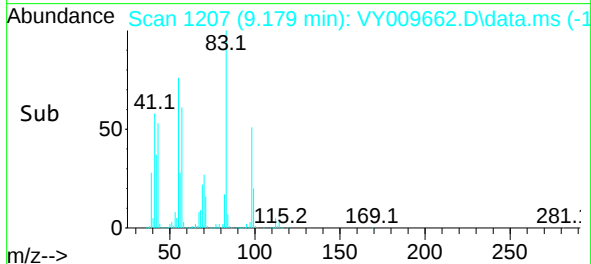
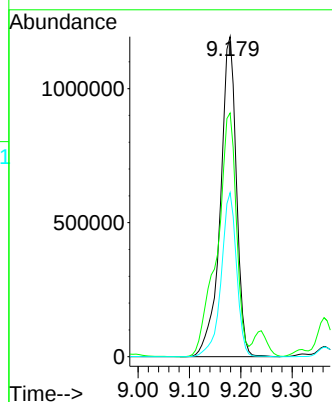
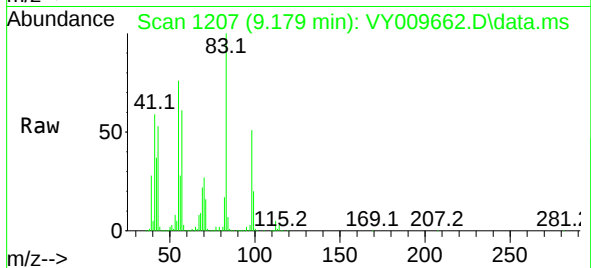
Tgt Ion: 83 Resp: 2593503

Ion Ratio Lower Upper

83 100

55 76.1 66.5 99.7

98 51.3 37.9 56.9



#40

Benzene

Concen: 28.535 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009662.D

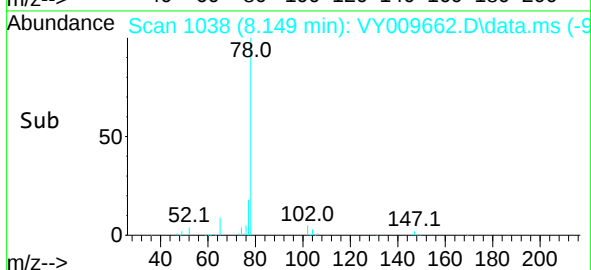
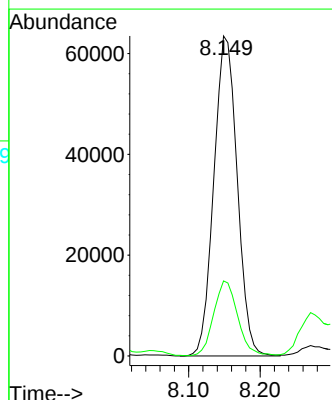
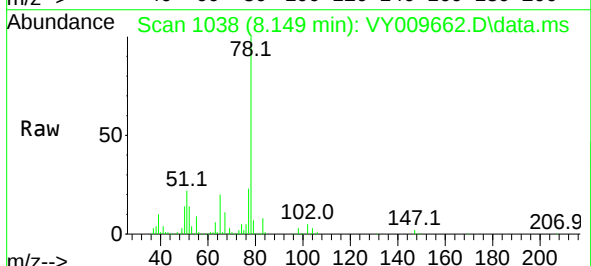
Acq: 22 Jul 2022 16:12

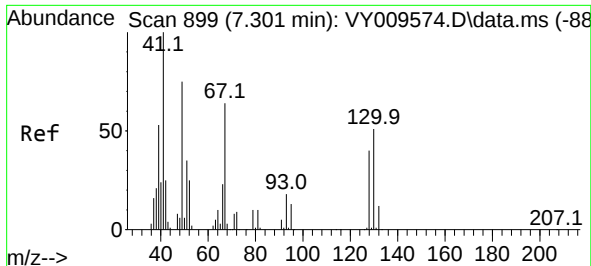
Tgt Ion: 78 Resp: 143915

Ion Ratio Lower Upper

78 100

77 23.2 20.4 30.6

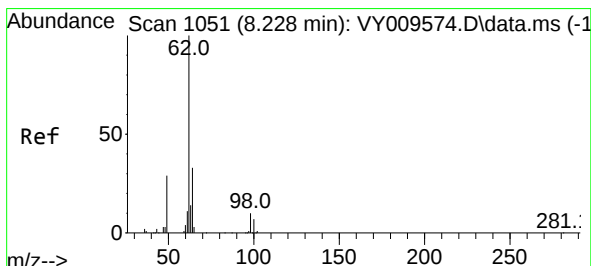
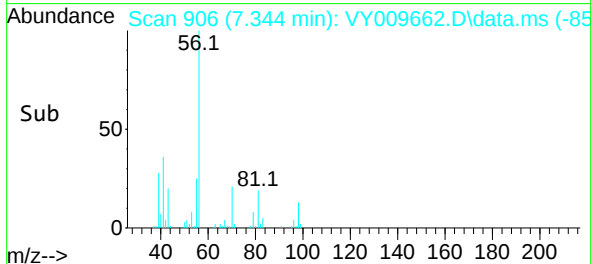
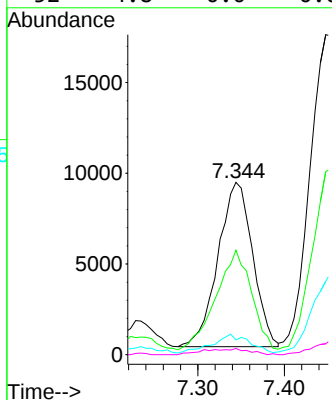
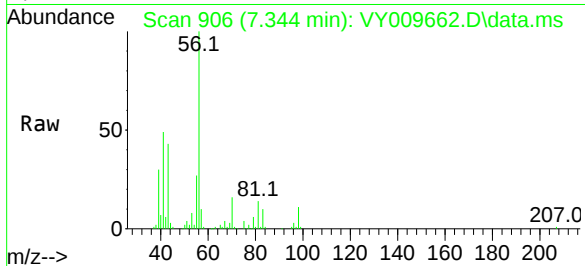




#41
Methacrylonitrile
Concen: 54.658 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

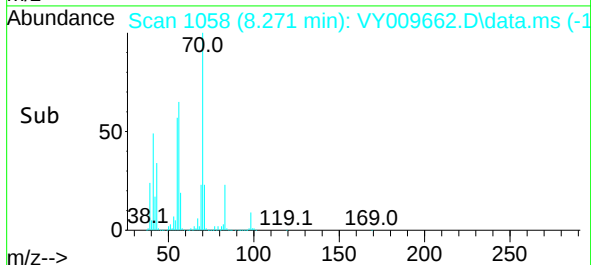
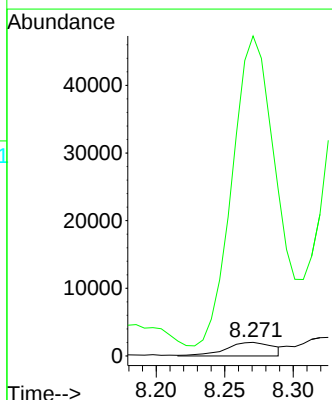
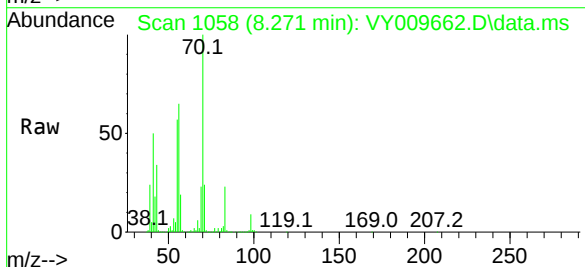
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

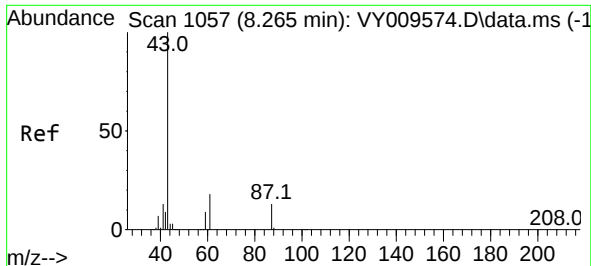
Tgt Ion: 41 Resp: 25160
Ion Ratio Lower Upper
41 100
39 61.8 92.9 139.3#
67 0.0 0.0 0.0
52 4.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 3.439 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.043 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 62 Resp: 4865
Ion Ratio Lower Upper
62 100
98 2207.3 0.0 14.8#

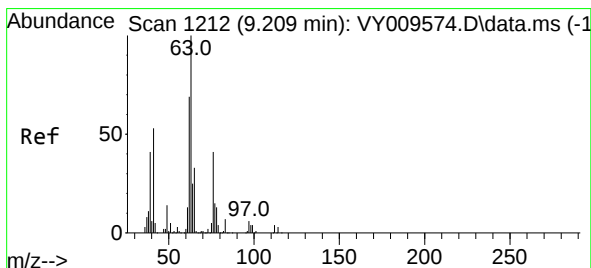
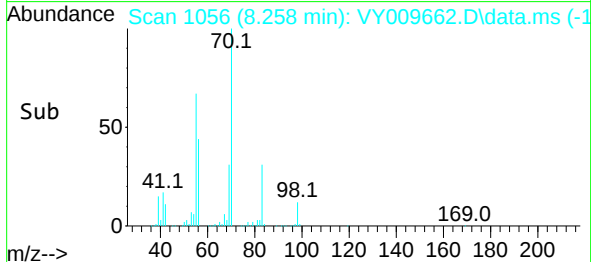
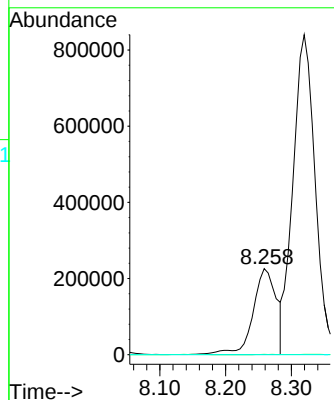
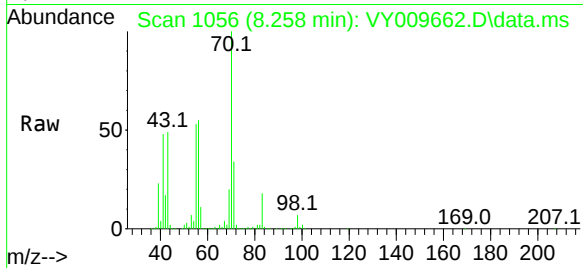




#43
Isopropyl Acetate
Concen: 316.912 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

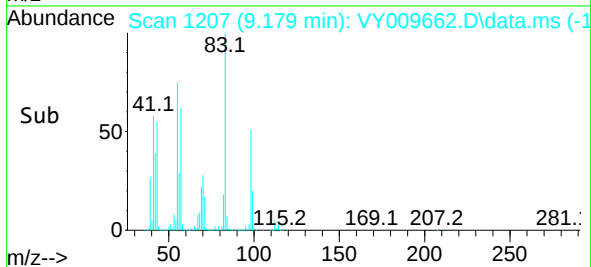
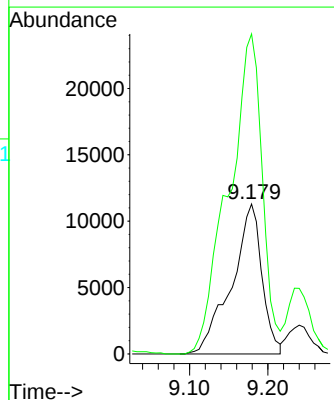
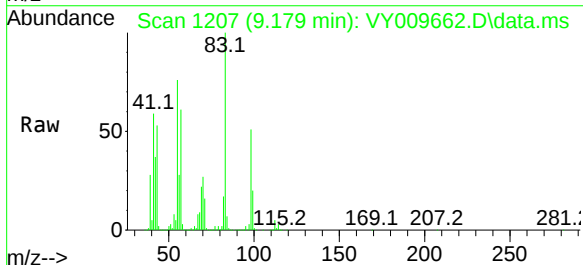
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

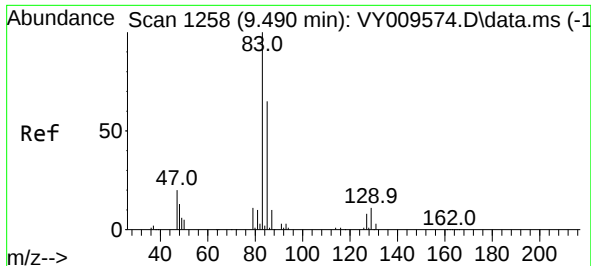
Tgt Ion: 43 Resp: 557058
Ion Ratio Lower Upper
43 100
61 0.3 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 24.530 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.030 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 63 Resp: 30352
Ion Ratio Lower Upper
63 100
65 213.5 23.0 34.6#

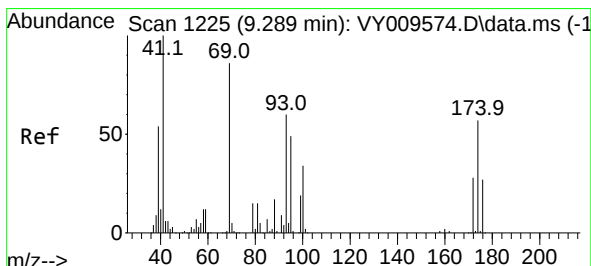
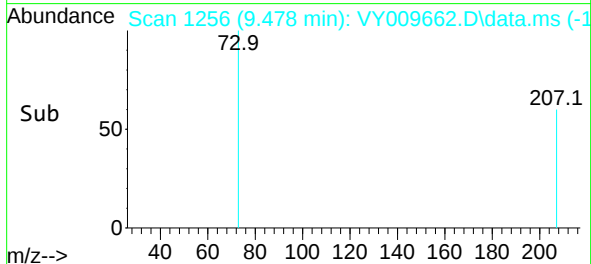
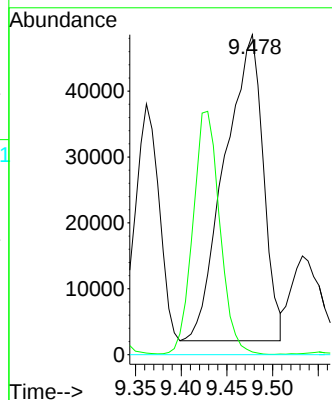
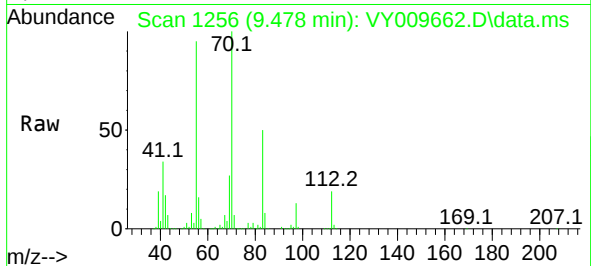




#47
Bromodichloromethane
Concen: 80.756 ug/l
RT: 9.478 min Scan# 1256
Delta R.T. -0.012 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

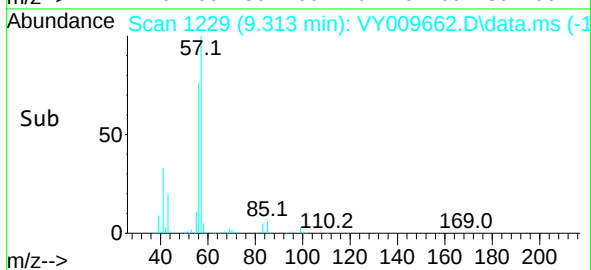
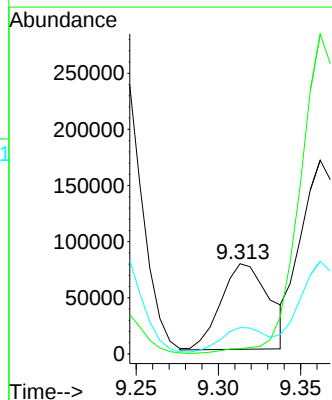
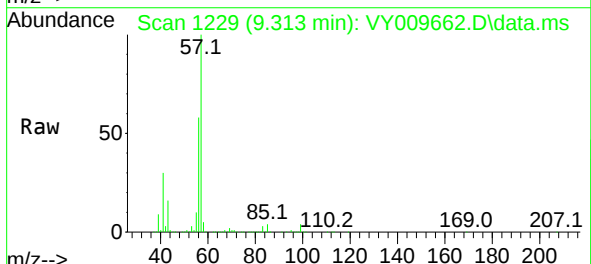
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

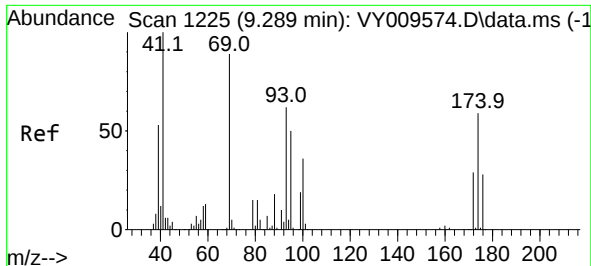
Tgt Ion: 83 Resp: 136084
Ion Ratio Lower Upper
83 100
85 0.7 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 200.268 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.024 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 41 Resp: 155530
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 26.0 47.4 71.0#





#49

1,4-Dioxane

Concen: 2.088 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.104 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

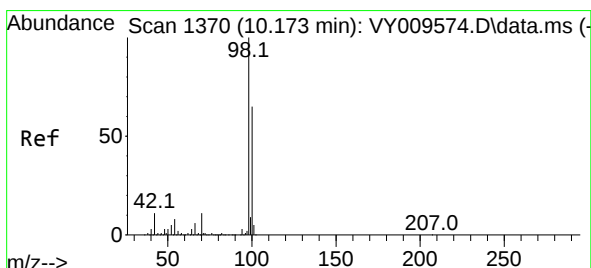
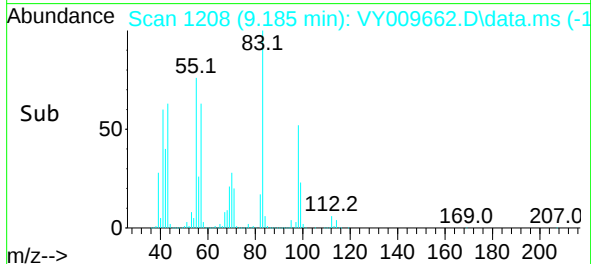
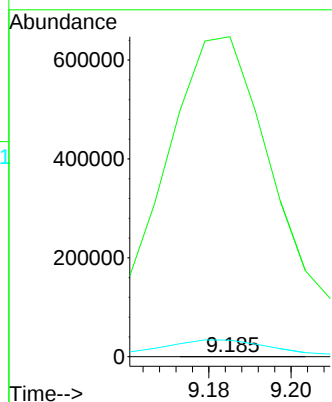
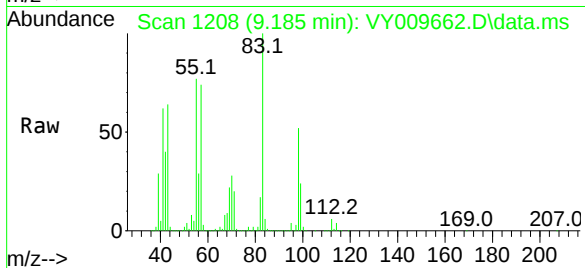
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 6549625.0 32.8 49.2#

58 360845.0 59.8 89.6#



#50

Toluene-d8

Concen: 73.414 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009662.D

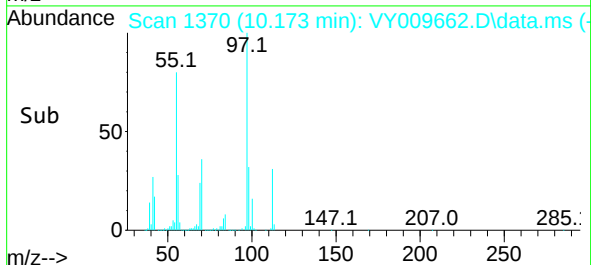
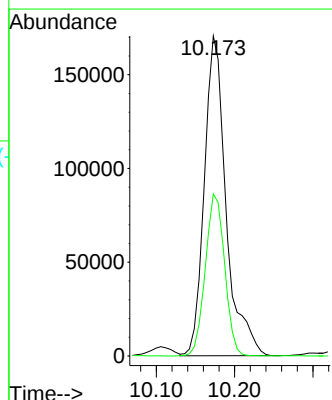
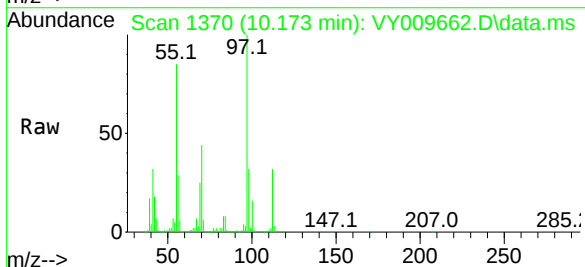
Acq: 22 Jul 2022 16:12

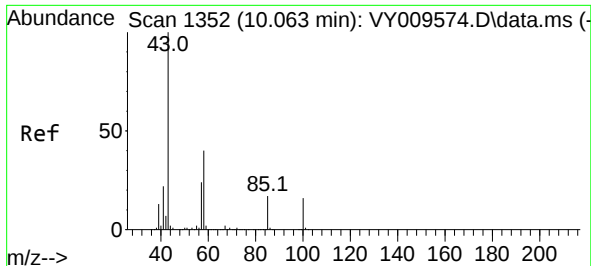
Tgt Ion: 98 Resp: 329180

Ion Ratio Lower Upper

98 100

100 45.0 50.2 75.2#





#51

4-Methyl-2-Pentanone

Concen: 355.506 ug/l

RT: 10.106 min Scan# 1359

Delta R.T. 0.043 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

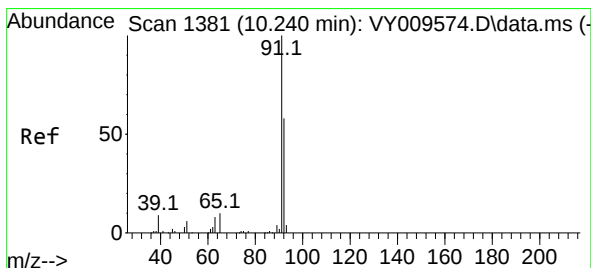
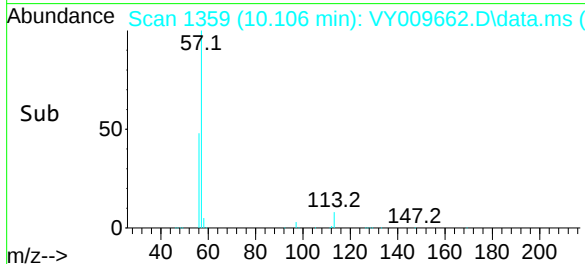
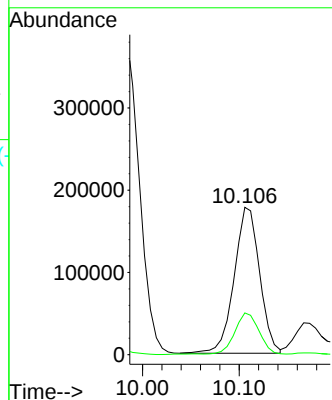
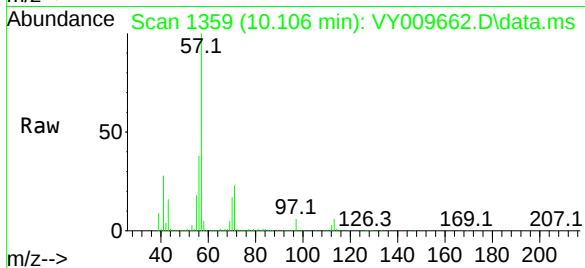
IBLK

Tgt Ion: 43 Resp: 324462

Ion Ratio Lower Upper

43 100

58 26.6 28.1 42.1#



#52

Toluene

Concen: 10.506 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY009662.D

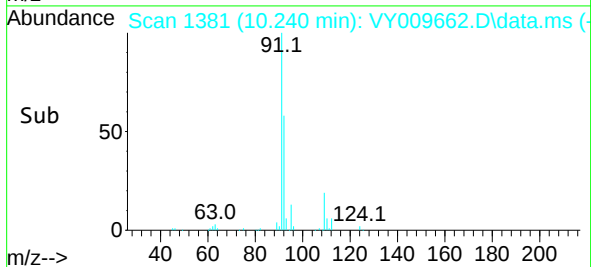
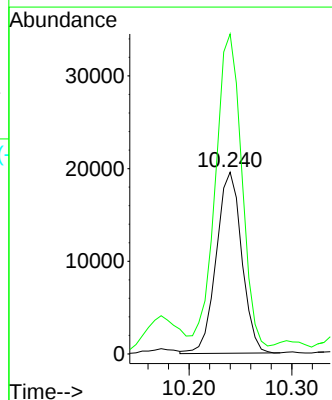
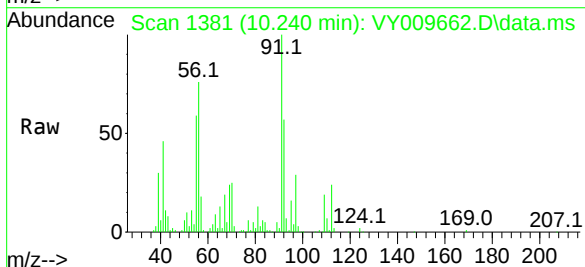
Acq: 22 Jul 2022 16:12

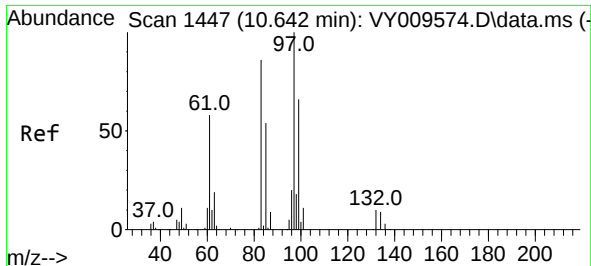
Tgt Ion: 92 Resp: 33564

Ion Ratio Lower Upper

92 100

91 178.1 142.6 213.8

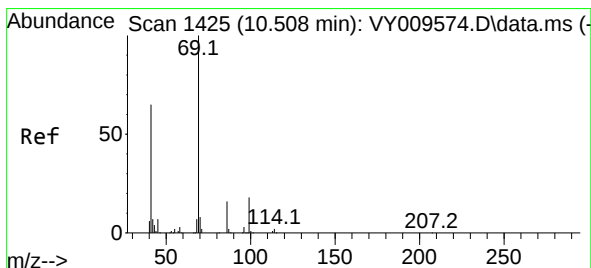
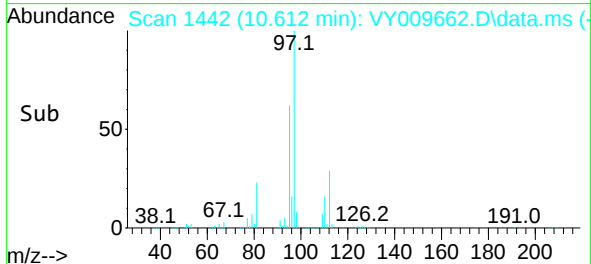
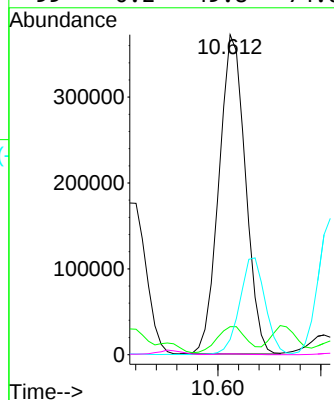
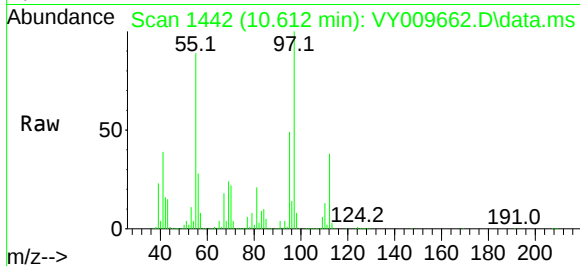




#55
1,1,2-Trichloroethane
Concen: 656.857 ug/l
RT: 10.612 min Scan# 1447
Delta R.T. -0.030 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

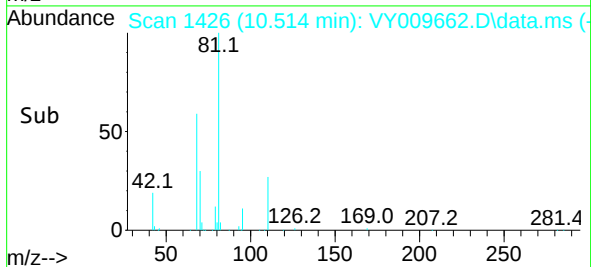
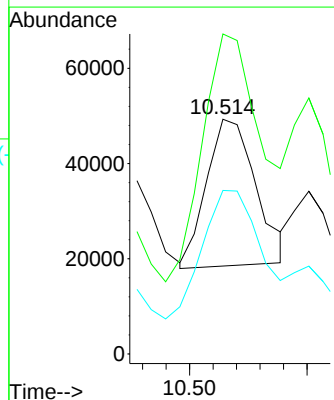
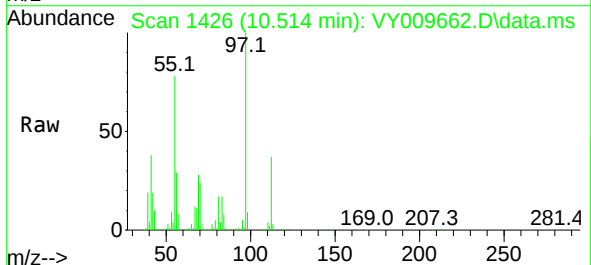
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

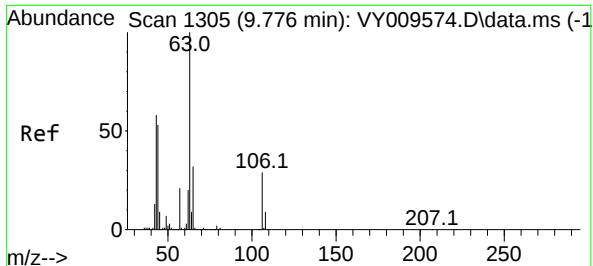
Tgt Ion: 97 Resp: 664806
Ion Ratio Lower Upper
97 100
83 6.6 69.8 104.8#
85 4.7 44.3 66.5#
99 0.2 49.8 74.6#



#56
Ethyl methacrylate
Concen: 34.711 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 69 Resp: 44946
Ion Ratio Lower Upper
69 100
41 210.8 63.4 95.0#
39 102.6 35.8 53.8#

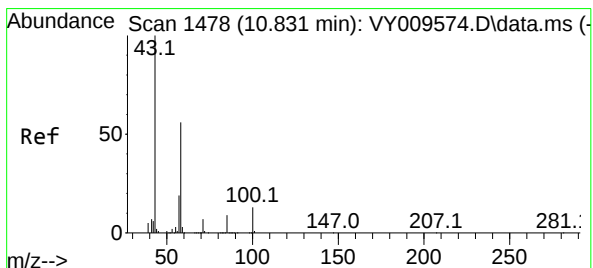
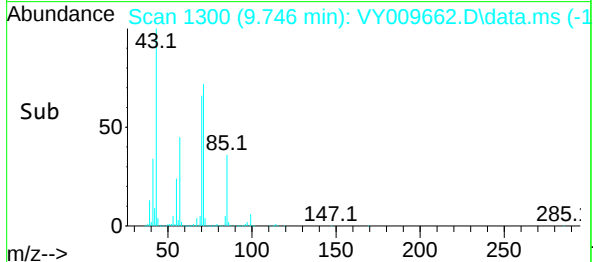
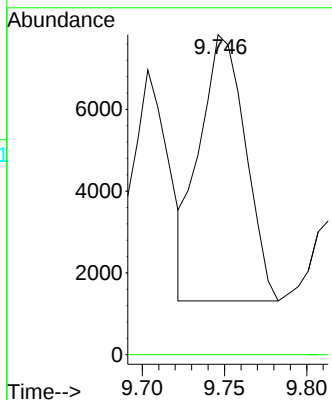
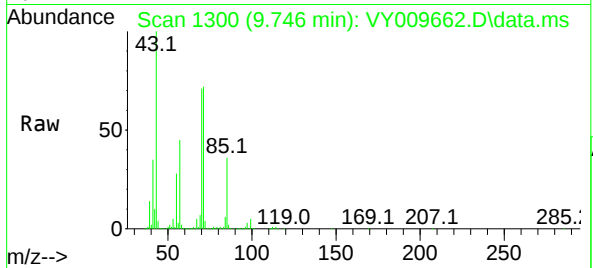




#58
2-Chloroethyl Vinyl ether
Concen: 44.424 ug/l
RT: 9.746 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

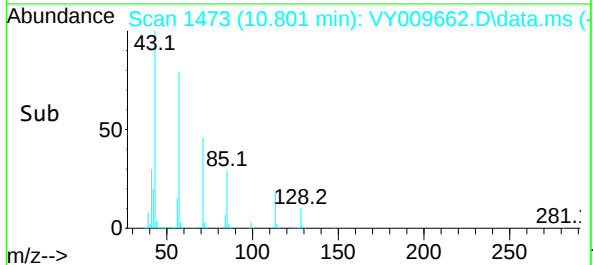
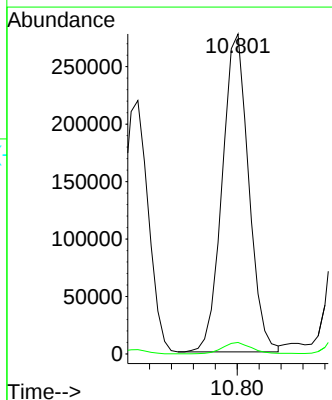
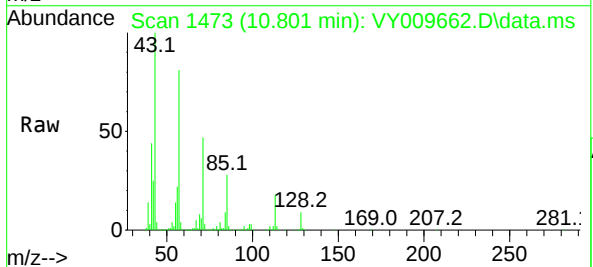
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

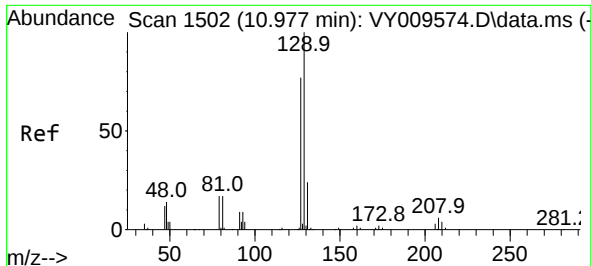
Tgt Ion: 63 Resp: 12726
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 731.797 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 43 Resp: 464533
Ion Ratio Lower Upper
43 100
58 4.0 24.4 73.4#

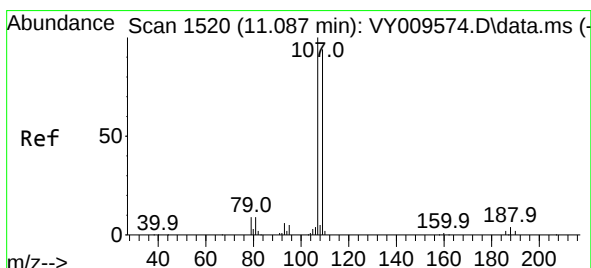
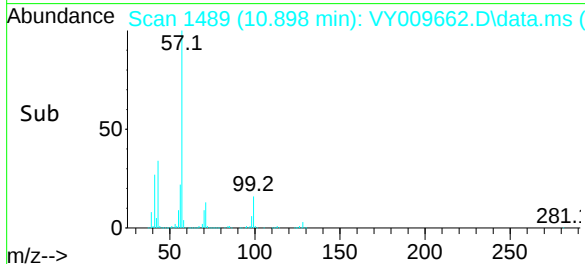
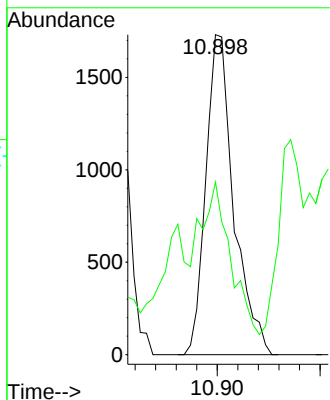
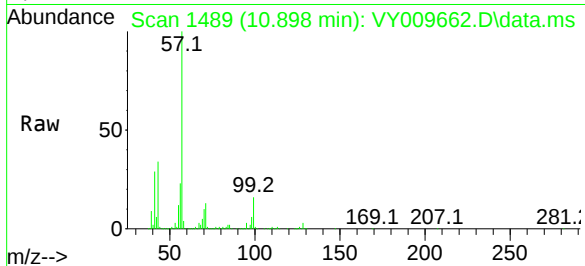




#60
Dibromochloromethane
Concen: 2.670 ug/l
RT: 10.898 min Scan# 1489
Delta R.T. -0.079 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

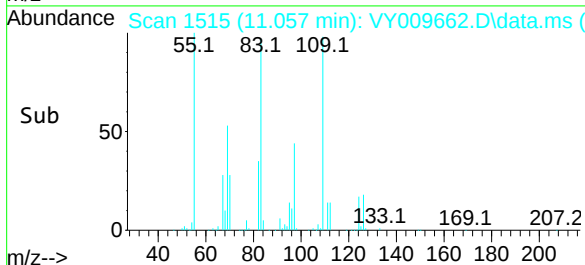
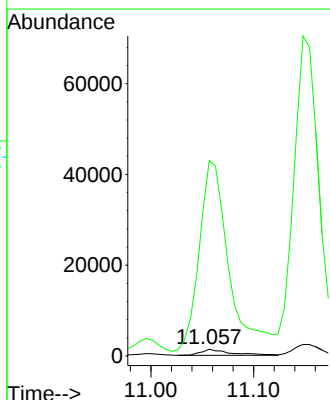
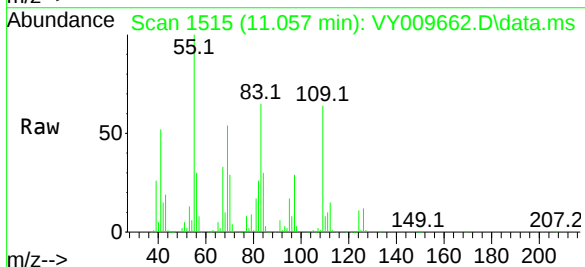
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

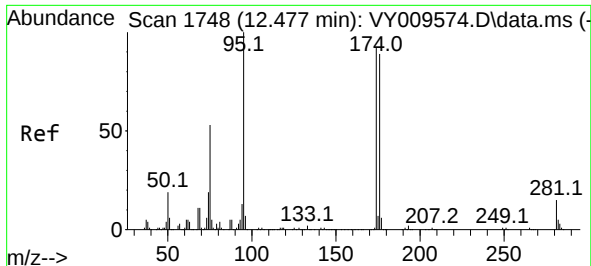
Tgt Ion:129 Resp: 3270
Ion Ratio Lower Upper
129 100
127 51.1 38.7 116.1



#61
1,2-Dibromoethane
Concen: 2.745 ug/l
RT: 11.057 min Scan# 1515
Delta R.T. -0.030 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion:107 Resp: 2711
Ion Ratio Lower Upper
107 100
109 3103.4 75.4 113.2#

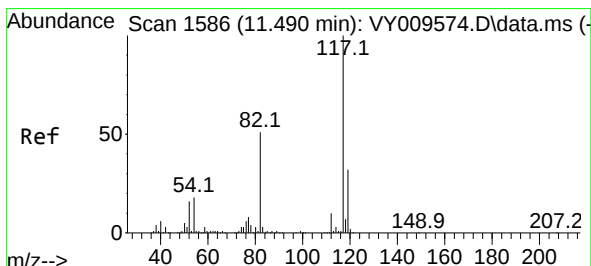
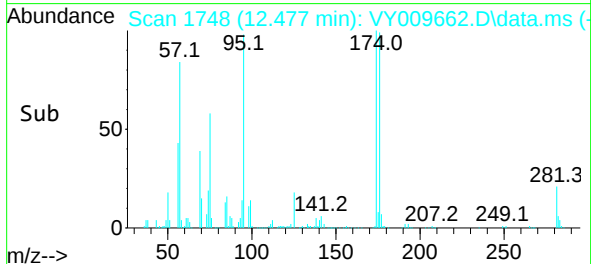
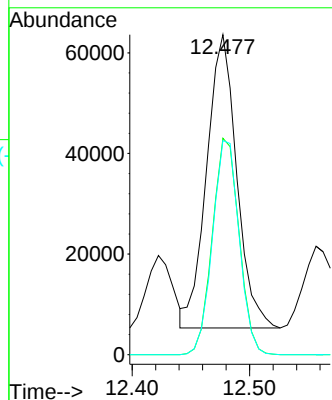
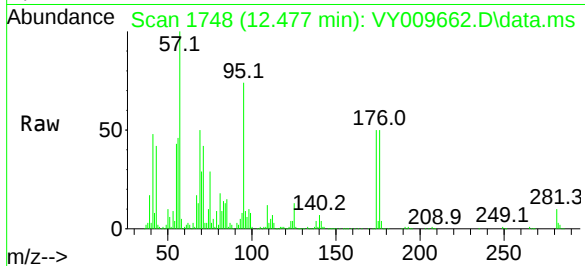




#62
4-Bromofluorobenzene
Concen: 71.207 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

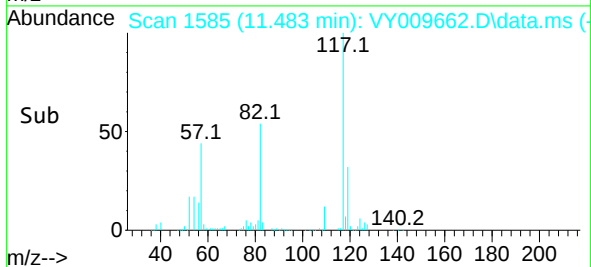
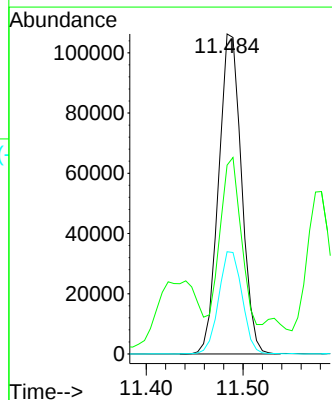
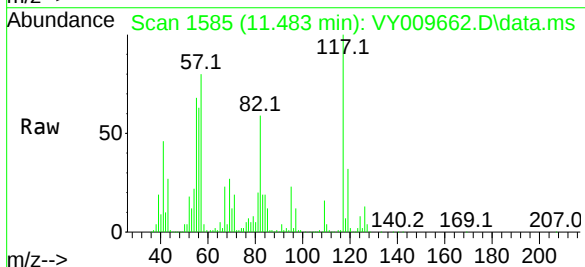
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

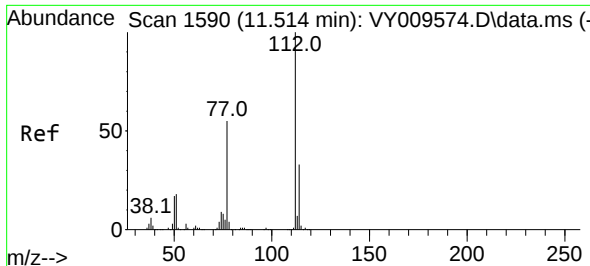
Tgt Ion: 95 Resp: 103459
Ion Ratio Lower Upper
95 100
174 65.6 0.0 177.0
176 64.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 117 Resp: 174206
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 31.9 25.4 38.0

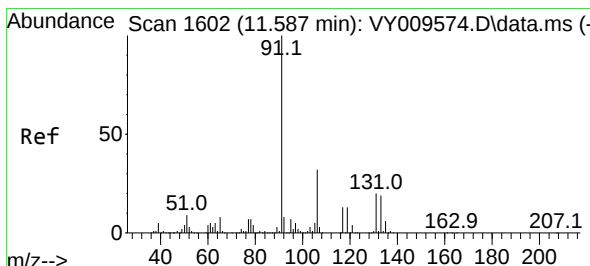
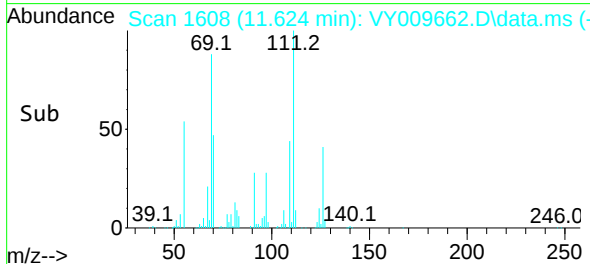
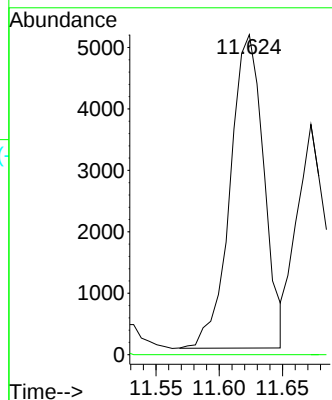
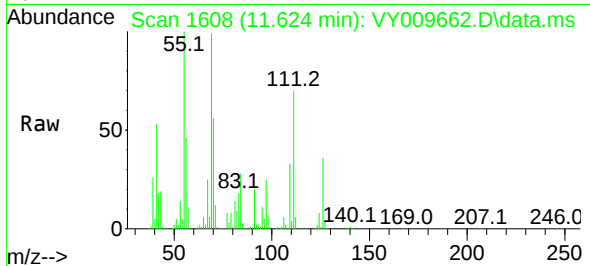




#65
Chlorobenzene
Concen: 2.657 ug/l
RT: 11.624 min Scan# 1608
Delta R.T. 0.110 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

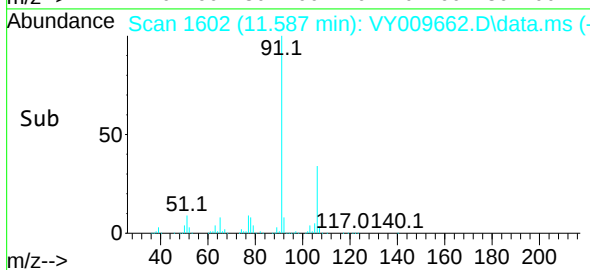
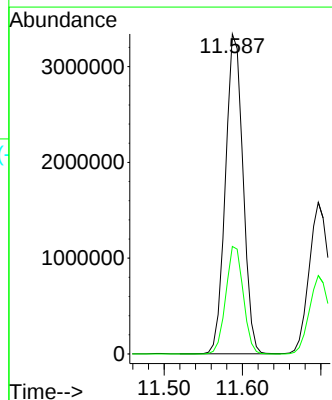
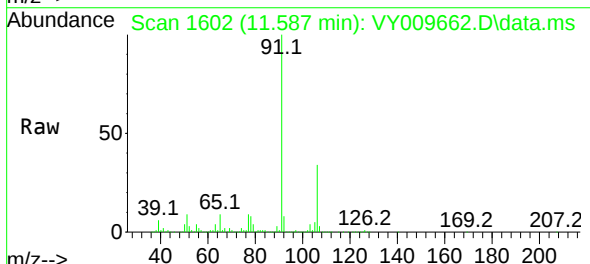
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

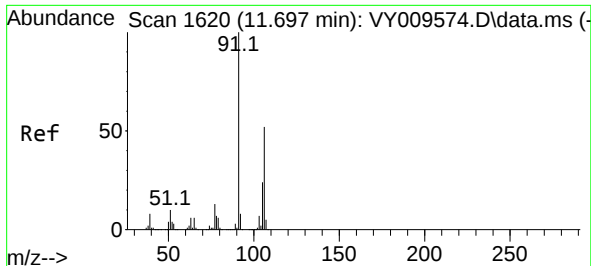
Tgt Ion:112 Resp: 9457
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#67
Ethyl Benzene
Concen: 832.100 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 91 Resp: 5209805
Ion Ratio Lower Upper
91 100
106 33.6 24.5 36.7

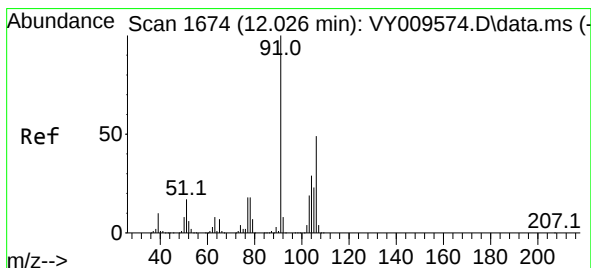
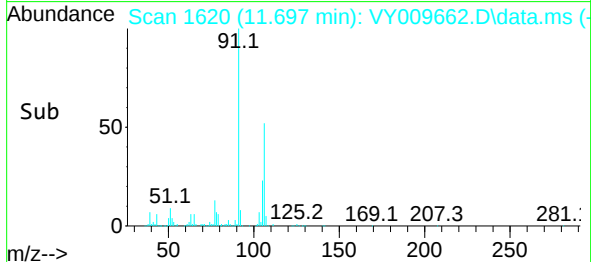
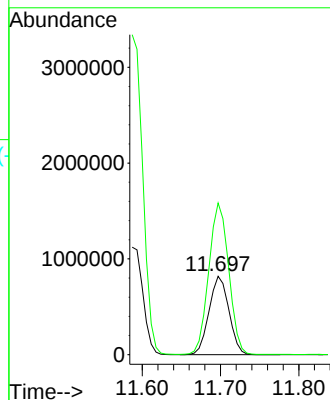
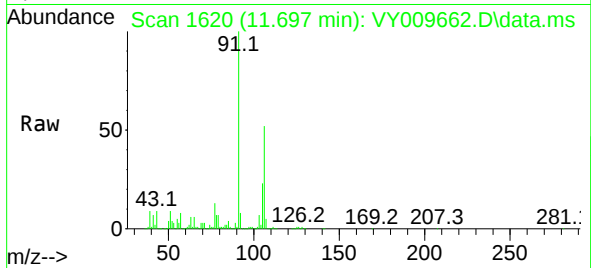




#68
m/p-Xylenes
Concen: 576.997 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

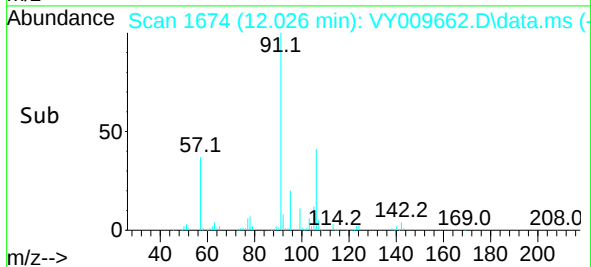
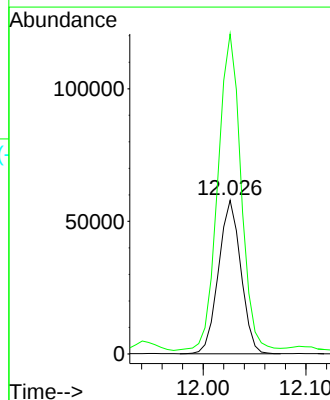
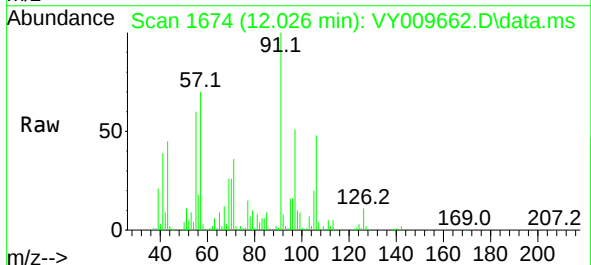
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

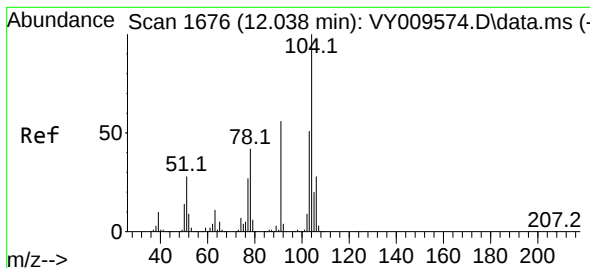
Tgt Ion:106 Resp: 1437743
Ion Ratio Lower Upper
106 100
91 194.1 166.6 249.8



#69
o-Xylene
Concen: 37.410 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion:106 Resp: 87233
Ion Ratio Lower Upper
106 100
91 213.7 110.3 331.0





#70

Styrene

Concen: 1.263 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

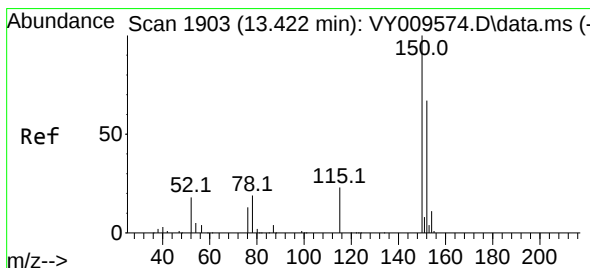
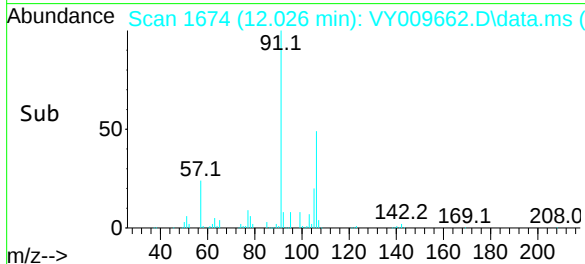
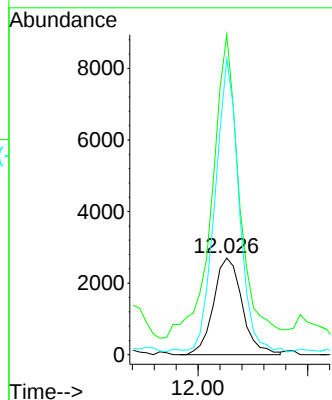
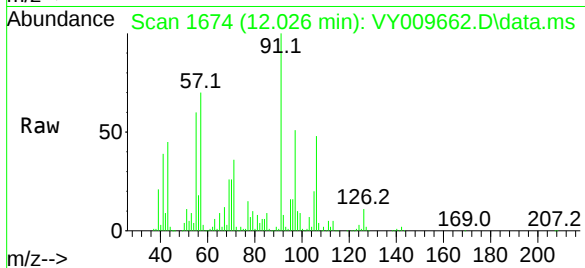
Tgt Ion:104 Resp: 4899

Ion Ratio Lower Upper

104 100

78 301.0 42.4 63.6#

103 254.7 44.4 66.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

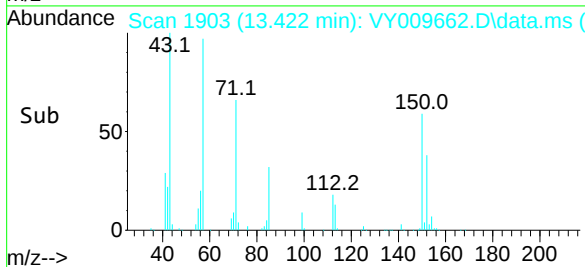
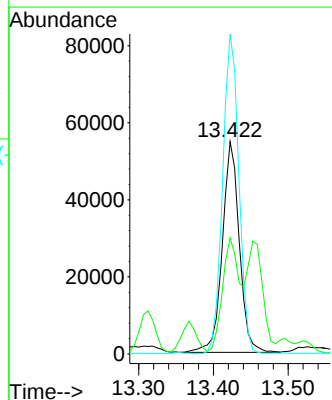
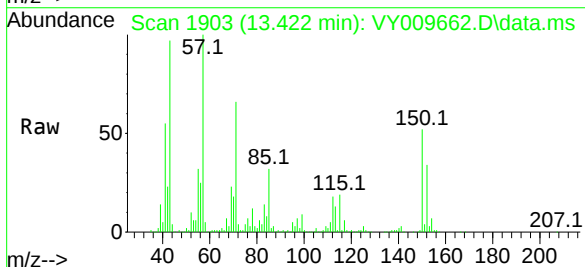
Tgt Ion:152 Resp: 86312

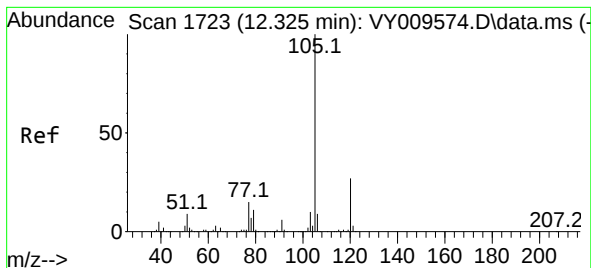
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 144.9 0.0 347.6





#73

Isopropylbenzene

Concen: 153.731 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

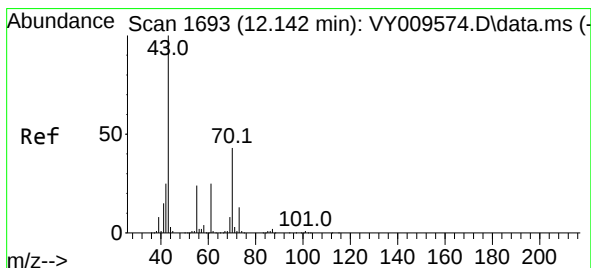
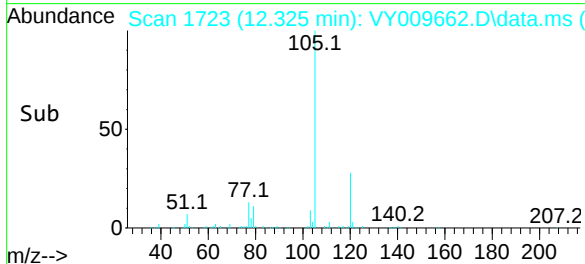
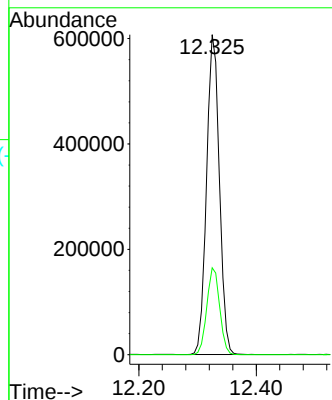
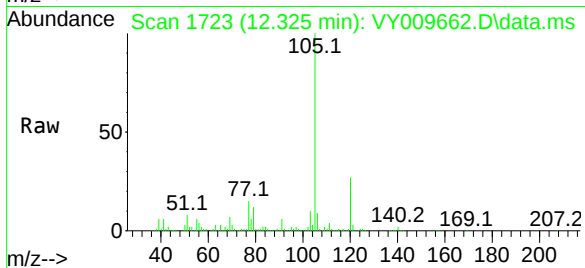
IBLK

Tgt Ion:105 Resp: 918692

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 138.750 ug/l

RT: 12.118 min Scan# 1689

Delta R.T. -0.024 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Tgt Ion: 43 Resp: 220519

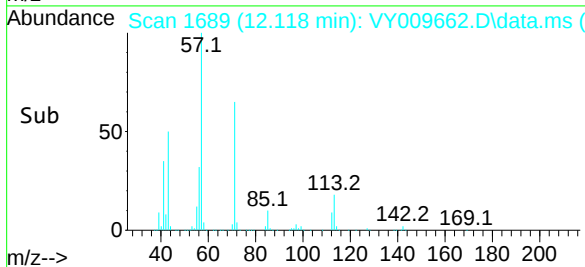
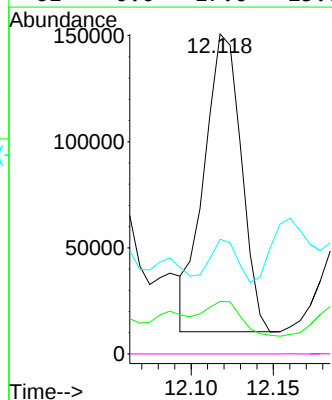
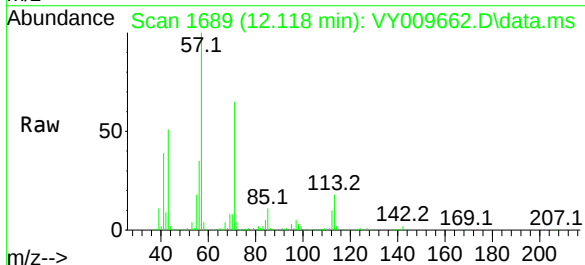
Ion Ratio Lower Upper

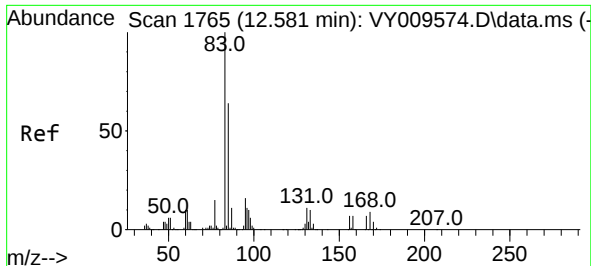
43 100

70 11.8 28.7 43.1#

55 10.3 17.3 25.9#

61 0.0 17.0 25.6#

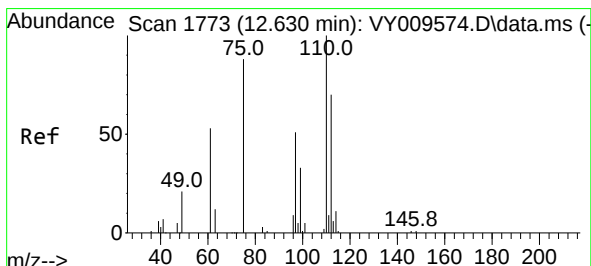
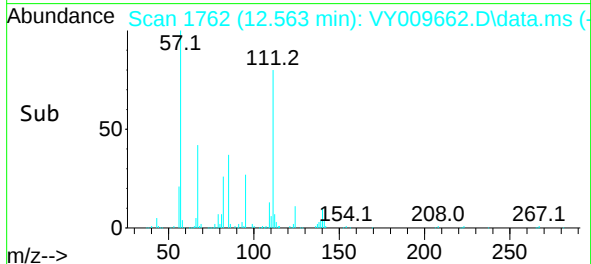
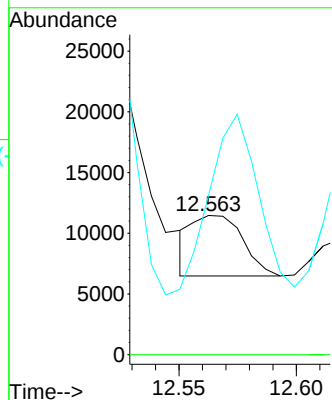
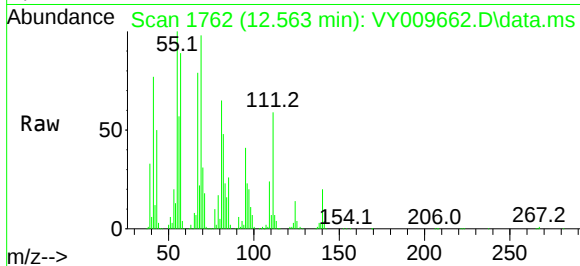




#75
 1,1,2,2-Tetrachloroethane
 Concen: 6.275 ug/l
 RT: 12.563 min Scan# 1762
 Delta R.T. -0.018 min
 Lab File: VY009662.D
 Acq: 22 Jul 2022 16:12

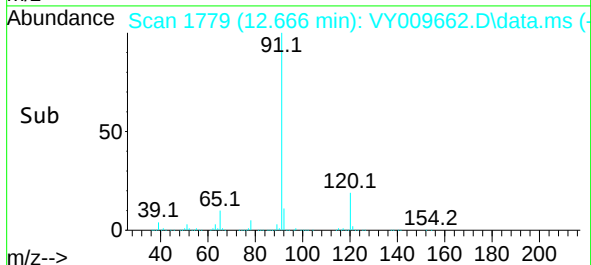
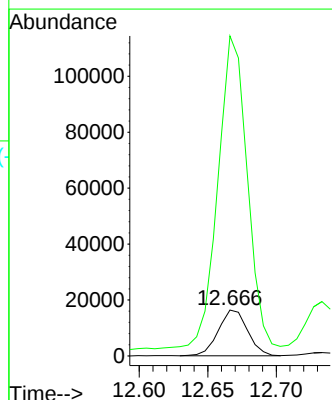
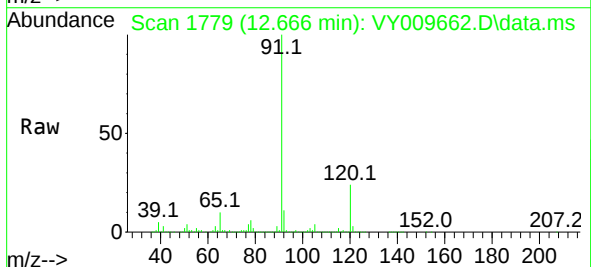
Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

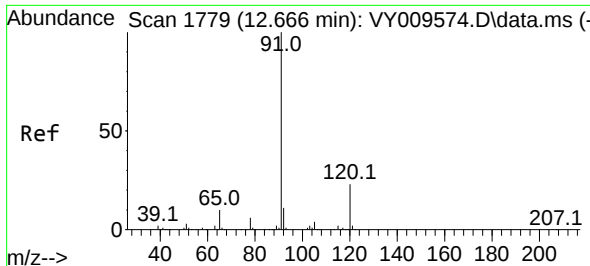
Tgt Ion: 83 Resp: 7510
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 289.9 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 29.576 ug/l
 RT: 12.666 min Scan# 1779
 Delta R.T. 0.037 min
 Lab File: VY009662.D
 Acq: 22 Jul 2022 16:12

Tgt Ion: 75 Resp: 24318
 Ion Ratio Lower Upper
 75 100
 77 694.1 0.0 0.0#

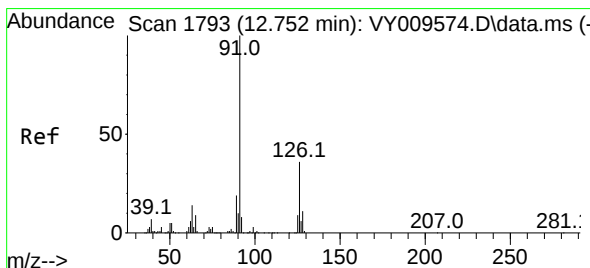
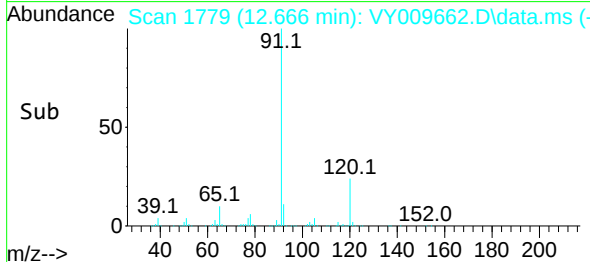
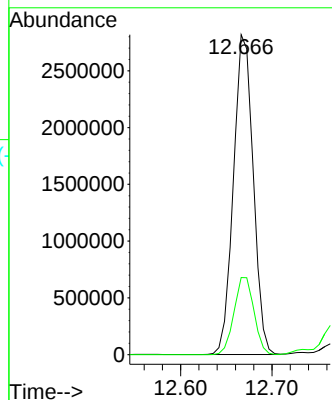
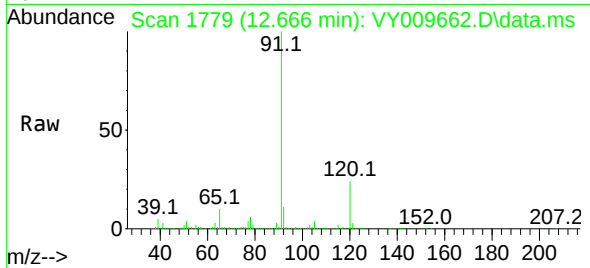




#78
n-propylbenzene
Concen: 586.438 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

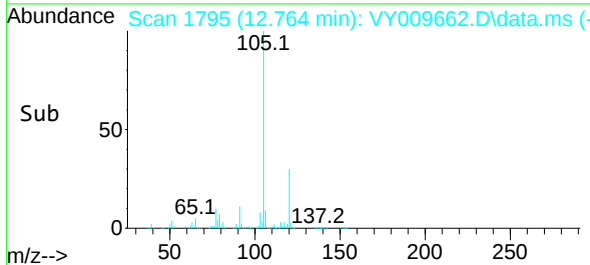
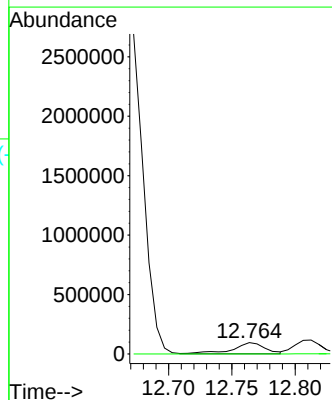
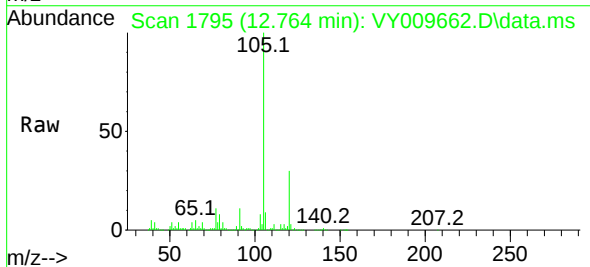
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

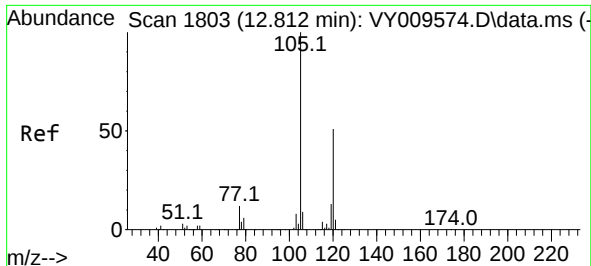
Tgt Ion: 91 Resp: 4234696
Ion Ratio Lower Upper
91 100
120 24.4 11.3 33.9



#79
2-Chlorotoluene
Concen: 41.241 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 91 Resp: 165111
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#

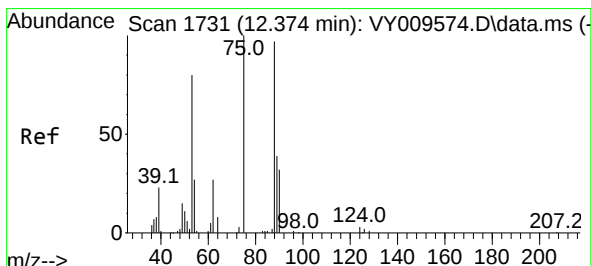
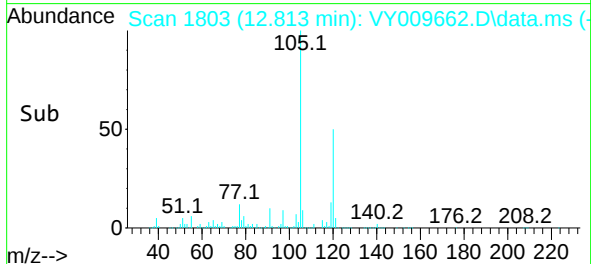
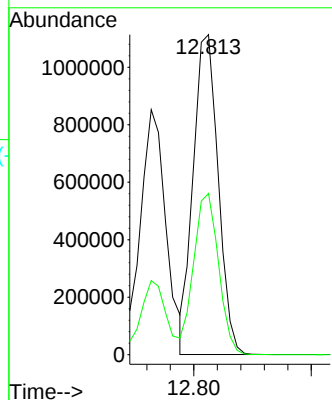
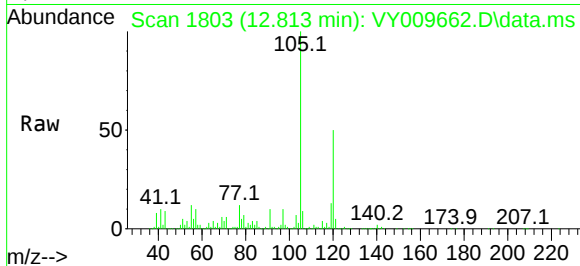




#80
1,3,5-Trimethylbenzene
Concen: 331.760 ug/l
RT: 12.813 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

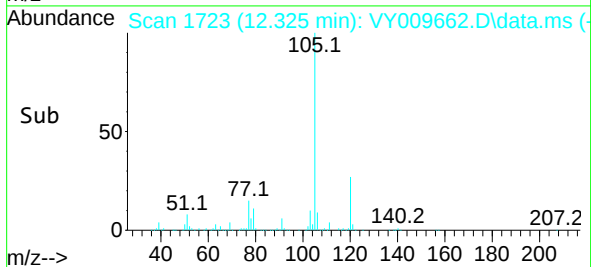
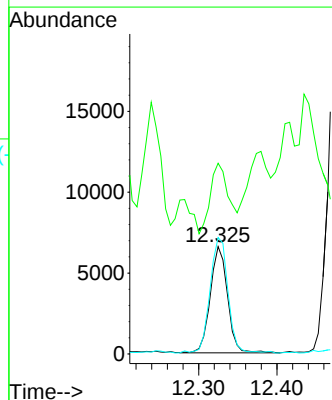
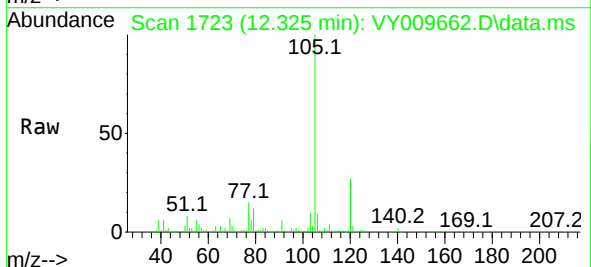
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

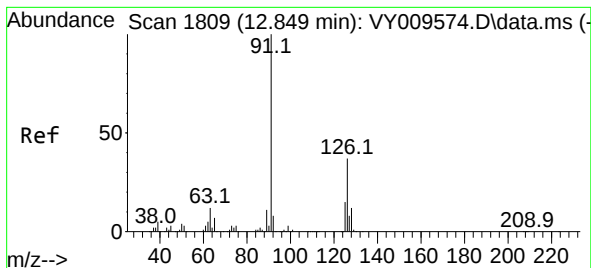
Tgt Ion:105 Resp: 1638234
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 24.037 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.049 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 75 Resp: 10023
Ion Ratio Lower Upper
75 100
53 145.8 85.3 127.9#
89 113.5 37.0 55.4#





#82

4-Chlorotoluene

Concen: 41.227 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.037 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

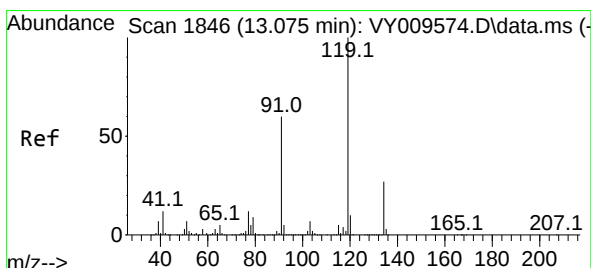
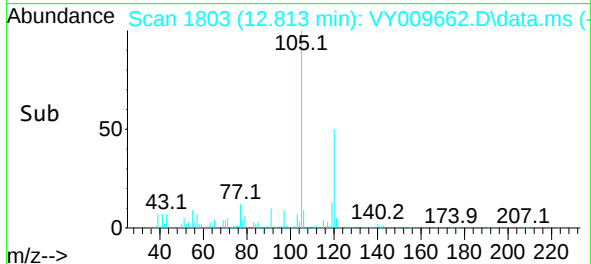
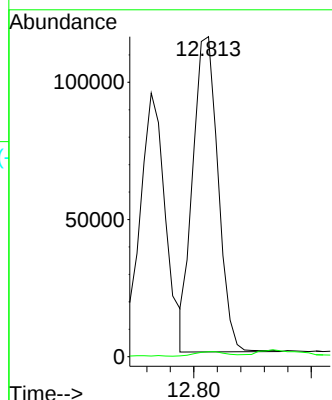
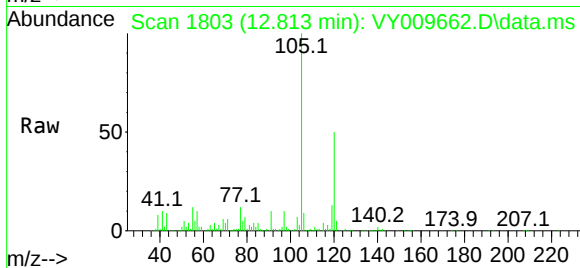
IBLK

Tgt Ion: 91 Resp: 171234

Ion Ratio Lower Upper

91 100

126 1.8 17.0 51.0#



#83

tert-Butylbenzene

Concen: 4.164 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

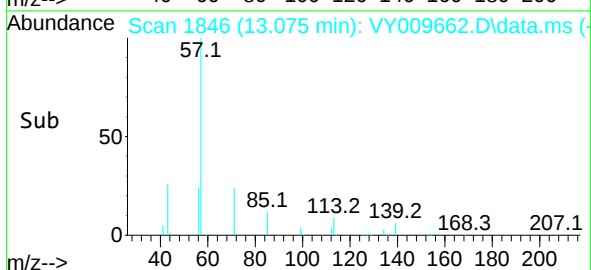
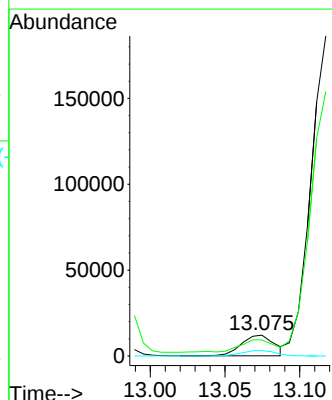
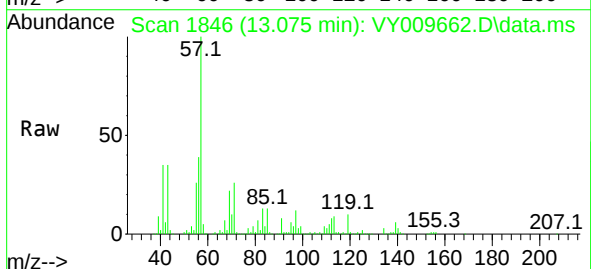
Tgt Ion: 119 Resp: 18266

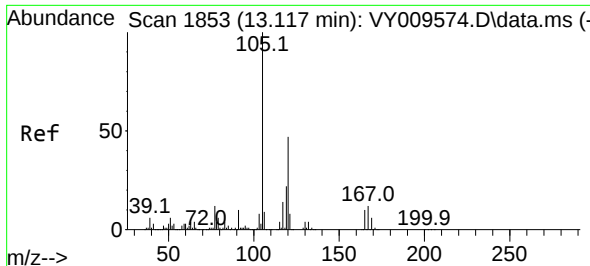
Ion Ratio Lower Upper

119 100

91 0.0 34.8 104.4#

134 0.0 13.3 39.9#

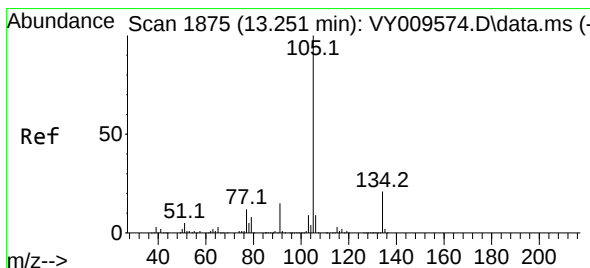
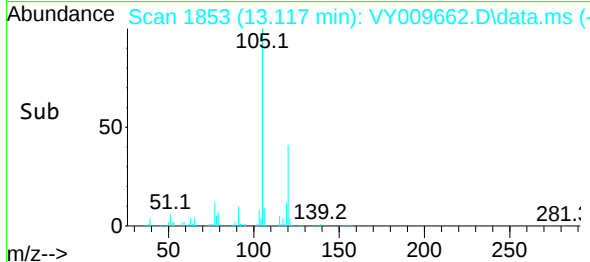
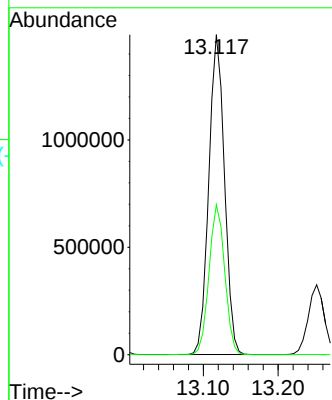
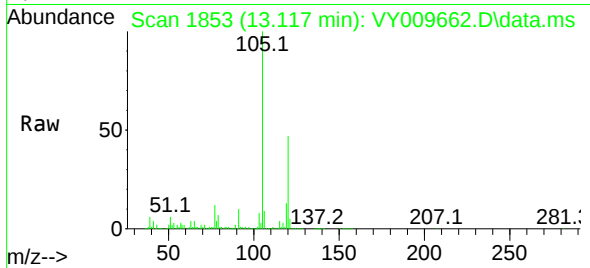




#84
1,2,4-Trimethylbenzene
Concen: 438.192 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

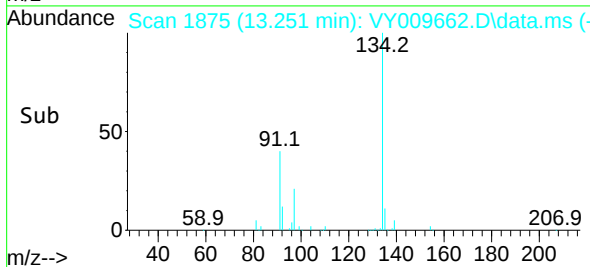
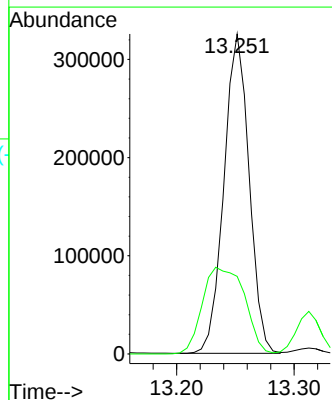
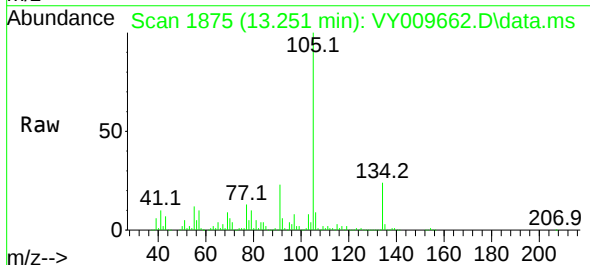
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

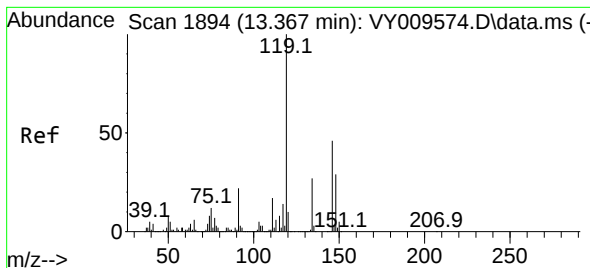
Tgt Ion:105 Resp: 2163979
Ion Ratio Lower Upper
105 100
120 47.1 22.3 66.9



#85
sec-Butylbenzene
Concen: 74.434 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion:105 Resp: 484155
Ion Ratio Lower Upper
105 100
134 45.3 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 26.428 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

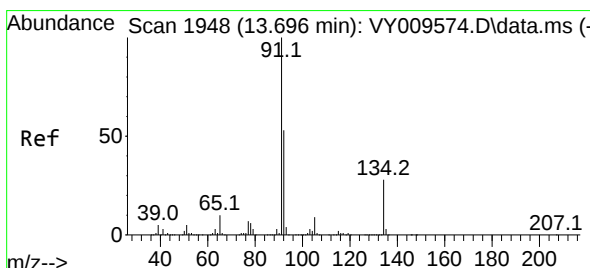
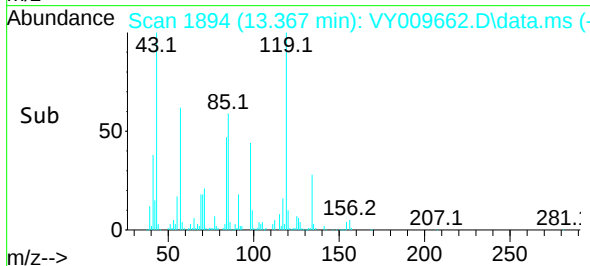
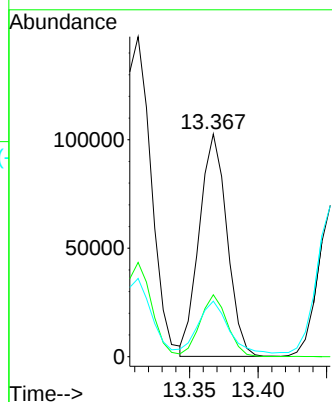
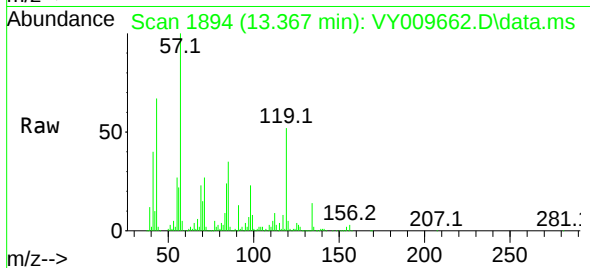
Tgt Ion:119 Resp: 144461

Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 24.8 12.4 37.2



#89

n-Butylbenzene

Concen: 241.743 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

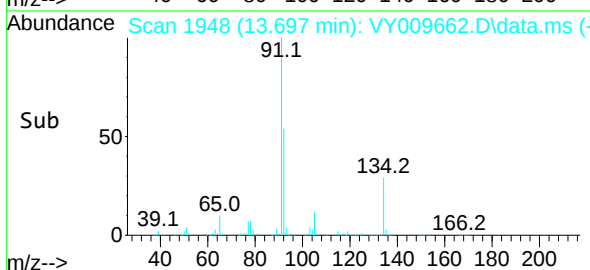
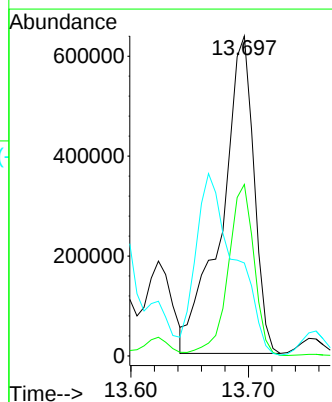
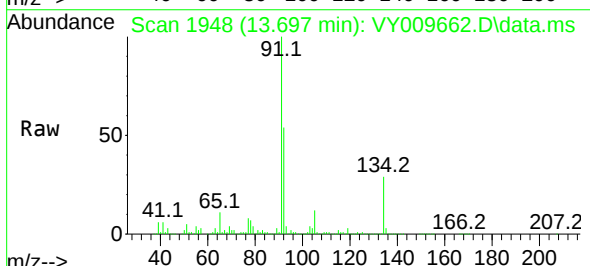
Tgt Ion: 91 Resp: 1206845

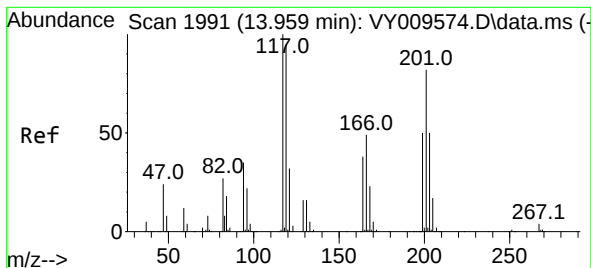
Ion Ratio Lower Upper

91 100

92 43.6 26.3 78.9

134 0.0 13.0 38.9#

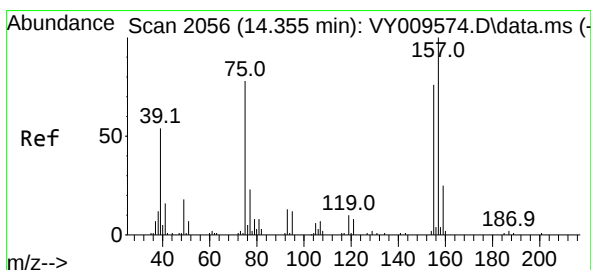
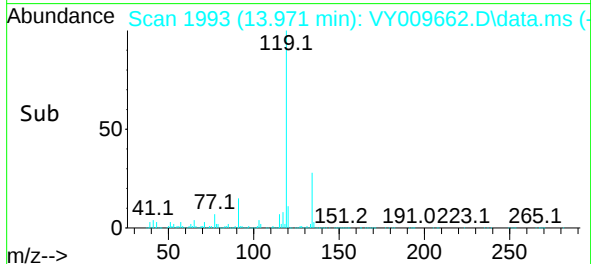
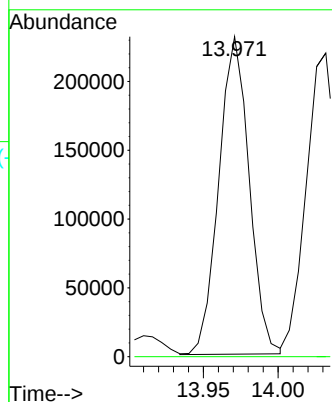
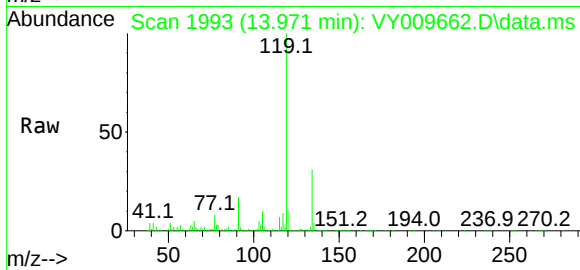




#90
Hexachloroethane
Concen: 309.278 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

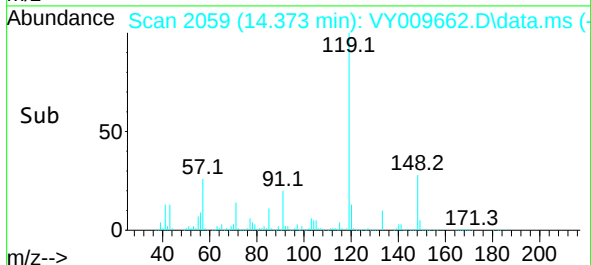
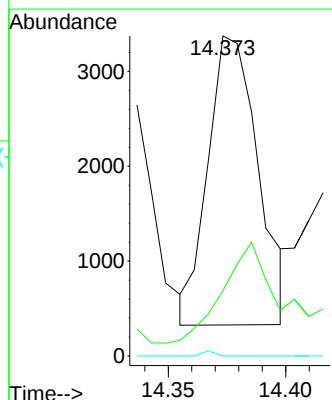
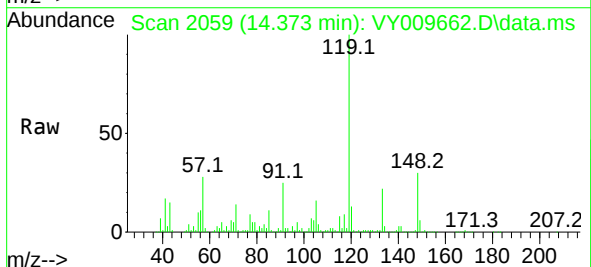
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

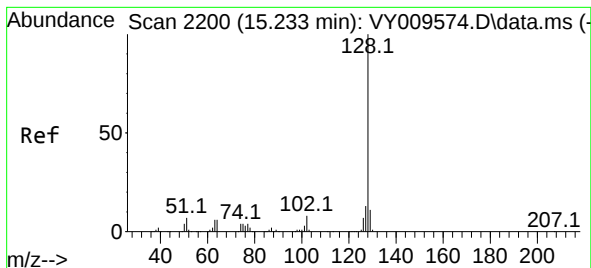
Tgt Ion:117 Resp: 325705
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.919 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.018 min
Lab File: VY009662.D
Acq: 22 Jul 2022 16:12

Tgt Ion: 75 Resp: 4537
Ion Ratio Lower Upper
75 100
155 42.1 38.0 113.9
157 0.4 47.8 143.3#





#95

Naphthalene

Concen: 464.570 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

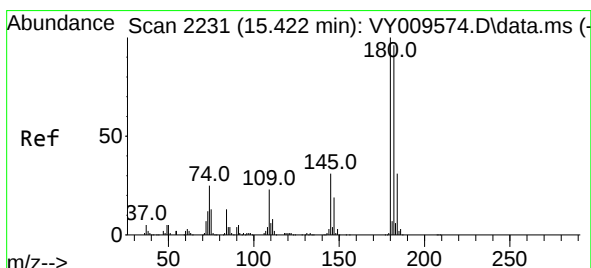
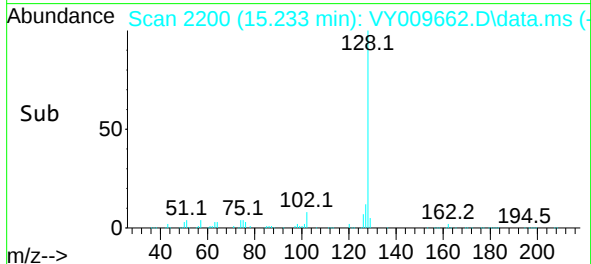
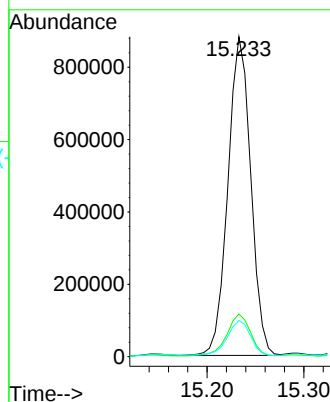
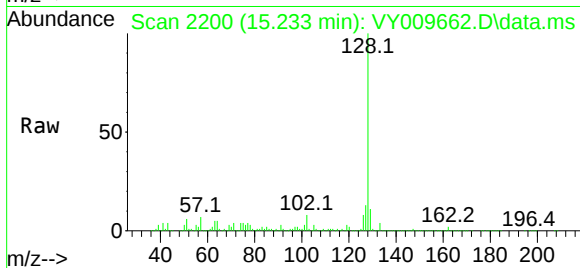
Tgt Ion:128 Resp: 1445712

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 1.649 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.024 min

Lab File: VY009662.D

Acq: 22 Jul 2022 16:12

Tgt Ion:180 Resp: 2361

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

145 0.0 15.3 45.9#

