

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042123\
 Data File : VY013389.D
 Acq On : 21 Apr 2023 18:42
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Apr 22 01:26:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042123S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 22 01:22:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	136	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1309	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	368	258.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 516.320%#	
35) Dibromofluoromethane	7.722	113	262	77.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 155.620%#	
50) Toluene-d8	10.173	98	1313	109.016	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 218.040%#	
62) 4-Bromofluorobenzene	12.483	95	1016	253.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 506.720%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	666	482.078	ug/l	79
3) Chloromethane	2.107	50	537	353.639	ug/l #	79
4) Vinyl Chloride	2.253	62	117	81.699	ug/l #	43
5) Bromomethane	2.656	94	730	748.843	ug/l	97
6) Chloroethane	2.796	64	78	90.512	ug/l #	44
7) Trichlorofluoromethane	3.131	101	1227	507.864	ug/l #	80
8) Diethyl Ether	3.741	74	49	57.777	ug/l #	2
9) 1,1,2-Trichlorotrifluo...	3.899	101	48	34.755	ug/l #	15
10) Methyl Iodide	4.107	142	1028	558.263	ug/l #	80
11) Tert butyl alcohol	4.966	59	54	333.613	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	97	71.701	ug/l #	31
13) Acrolein	3.741	56	492	3239.769	ug/l #	16
14) Allyl chloride	4.472	41	352	153.573	ug/l #	69
15) Acrylonitrile	5.167	53	857	1818.058	ug/l #	77
16) Acetone	3.979	43	1523	2613.280	ug/l #	86
17) Carbon Disulfide	4.198	76	1356	308.935	ug/l #	75
18) Methyl Acetate	4.491	43	461	258.749	ug/l #	51
19) Methyl tert-butyl Ether	5.210	73	76	19.912	ug/l #	53
20) Methylene Chloride	4.716	84	12057	9178.897	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	402	266.102	ug/l #	23
22) Diisopropyl ether	6.088	45	20	4.645	ug/l #	1
23) Vinyl Acetate	6.076	43	1457	529.855	ug/l #	76
24) 1,1-Dichloroethane	6.015	63	78	29.861	ug/l #	82
25) 2-Butanone	6.996	43	335	497.968	ug/l #	47
26) 2,2-Dichloropropane	6.990	77	135	60.339	ug/l #	52
27) cis-1,2-Dichloroethene	6.984	96	168	105.148	ug/l	37
28) Bromochloromethane	7.326	49	19	21.820	ug/l #	1
29) Tetrahydrofuran	7.350	42	321	805.814	ug/l #	55
30) Chloroform	7.502	83	389	144.050	ug/l #	56
31) Cyclohexane	7.783	56	397	175.632	ug/l #	57
32) 1,1,1-Trichloroethane	7.704	97	121	50.572	ug/l #	75
36) 1,1-Dichloropropene	7.911	75	370	72.342	ug/l	83
37) Ethyl Acetate	7.082	43	202	52.733	ug/l #	69
38) Carbon Tetrachloride	7.905	117	194	32.768	ug/l #	48
39) Methylcyclohexane	9.185	83	345	58.735	ug/l #	64
40) Benzene	8.167	78	816	55.043	ug/l #	78

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	143	77.055	ug/l #	37
42) 1,2-Dichloroethane	8.240	62	443	90.794	ug/l #	75
43) Isopropyl Acetate	8.246	43	23	3.771	ug/l #	1
44) Trichloroethene	8.941	130	347	83.574	ug/l	63
45) 1,2-Dichloropropane	9.215	63	101	28.101	ug/l #	44
46) Dibromomethane	9.313	93	241	100.173	ug/l #	44
47) Bromodichloromethane	9.496	83	286	53.077	ug/l #	94
48) Methyl methacrylate	9.307	41	334	116.707	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	459	132.614	ug/l #	80
52) Toluene	10.234	92	818	88.022	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	637	112.263	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	374	60.802	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	191	58.354	ug/l #	46
56) Ethyl methacrylate	10.514	69	140	32.211	ug/l	89
57) 1,3-Dichloropropane	10.776	76	420	79.374	ug/l #	72
58) 2-Chloroethyl Vinyl ether	9.770	63	176	108.469	ug/l	90
59) 2-Hexanone	10.837	43	894	340.425	ug/l	77
60) Dibromochloromethane	10.983	129	263	64.083	ug/l	89
61) 1,2-Dibromoethane	11.087	107	484	149.584	ug/l	98
64) Tetrachloroethene	10.721	164	451	45.624	ug/l #	62
65) Chlorobenzene	11.520	112	1350	48.624	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	11.581	131	355	33.690	ug/l #	56
67) Ethyl Benzene	11.593	91	1905	40.463	ug/l #	86
68) m/p-Xylenes	11.697	106	1785	97.296	ug/l	97
69) o-Xylene	12.026	106	834	48.636	ug/l	83
70) Styrene	12.044	104	1757	61.263	ug/l #	82
71) Bromoform	12.209	173	444	56.993	ug/l #	67
73) Isopropylbenzene	12.331	105	2020	23.175	ug/l	95
74) N-amyl acetate	12.142	43	236	8.691	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.581	83	628	29.501	ug/l #	90
76) 1,2,3-Trichloropropane	12.642	75	1005	67.157	ug/l #	100
77) Bromobenzene	12.605	156	950	41.452	ug/l	92
78) n-propylbenzene	12.666	91	3188	30.075	ug/l	97
79) 2-Chlorotoluene	12.751	91	1994	33.053	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	2258	30.931	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.483	75	825	108.808	ug/l #	12
82) 4-Chlorotoluene	12.855	91	2484	39.512	ug/l	98
83) tert-Butylbenzene	13.074	119	1659	26.248	ug/l	88
84) 1,2,4-Trimethylbenzene	13.123	105	2739	38.244	ug/l	99
85) sec-Butylbenzene	13.251	105	2894	31.008	ug/l #	77
86) p-Isopropyltoluene	13.367	119	3081	39.525	ug/l	84
87) 1,3-Dichlorobenzene	13.367	146	2654	60.983	ug/l	95
88) 1,4-Dichlorobenzene	13.452	146	2813	63.916	ug/l	98
89) n-Butylbenzene	13.690	91	3559	48.826	ug/l	97
90) Hexachloroethane	13.958	117	805	48.937	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	2493	61.945	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	398	101.668	ug/l	72
93) 1,2,4-Trichlorobenzene	15.001	180	4429	182.714	ug/l	94
94) Hexachlorobutadiene	15.111	225	1863	125.442	ug/l	88
95) Naphthalene	15.239	128	10938	210.319	ug/l	97
96) 1,2,3-Trichlorobenzene	15.416	180	5043	224.256	ug/l	95

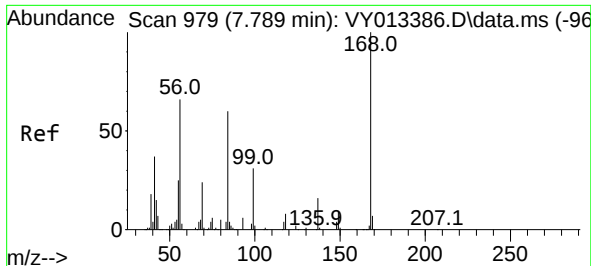
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

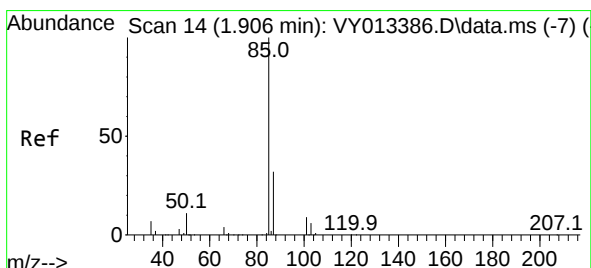
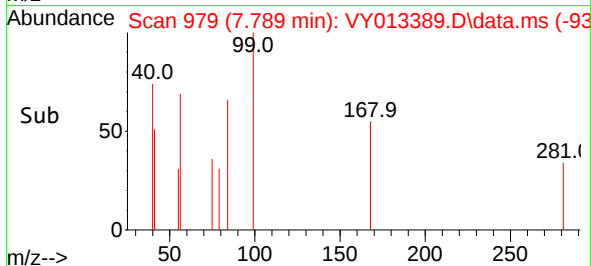
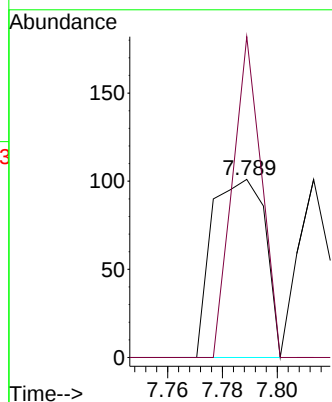
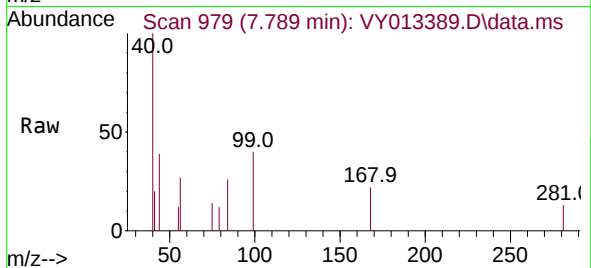
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Acq: 21 Apr 2023 18:42

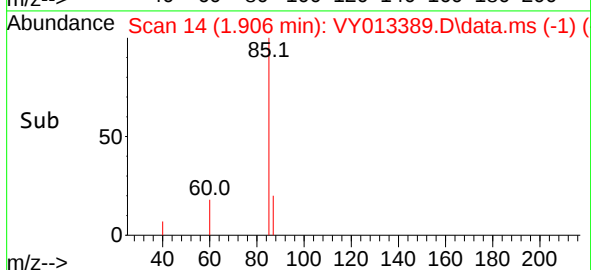
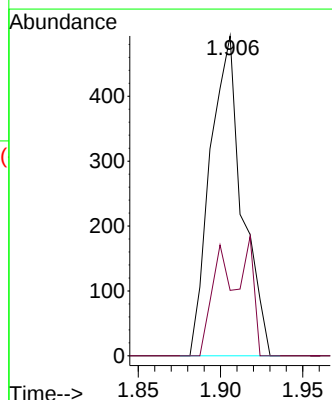
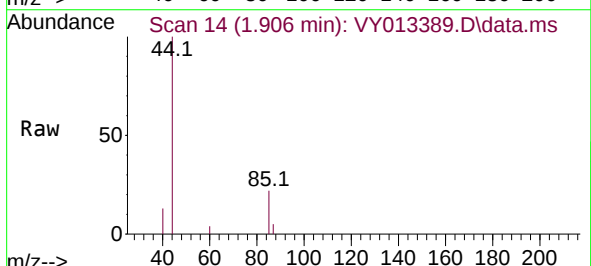
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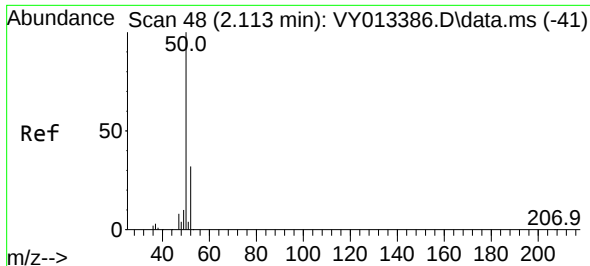
Tgt Ion:168 Resp: 136
Ion Ratio Lower Upper
168 100
99 180.2 41.8 62.6#



#2
Dichlorodifluoromethane
Concen: 482.078 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 85 Resp: 666
Ion Ratio Lower Upper
85 100
87 20.5 16.1 48.2

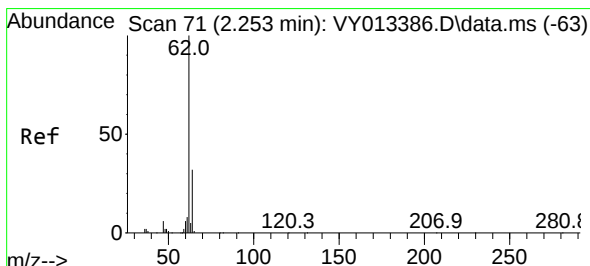
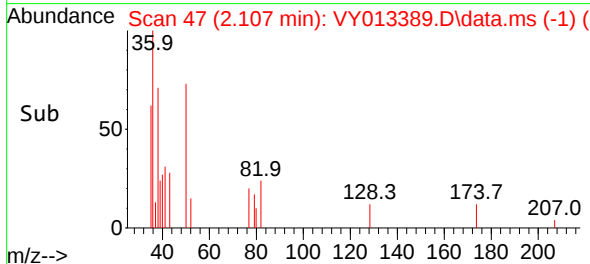
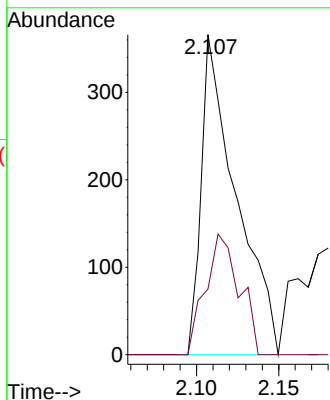
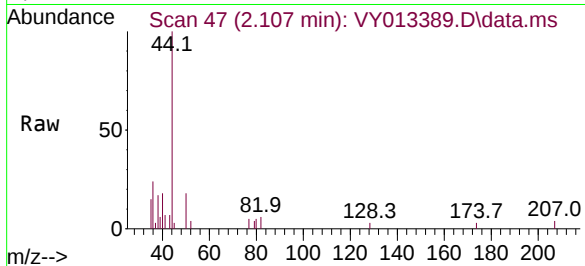




#3
Chloromethane
Concen: 353.639 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

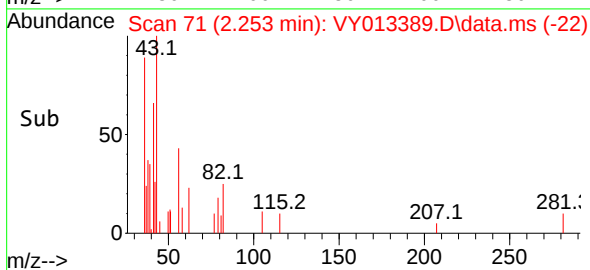
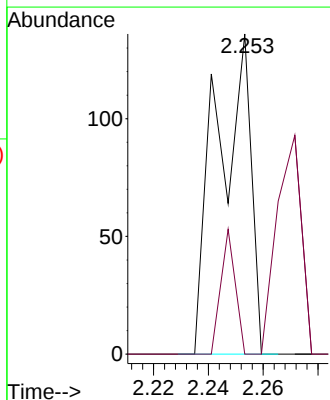
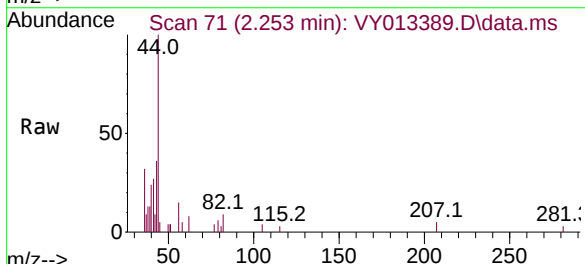
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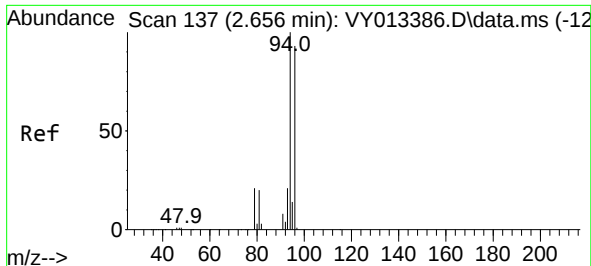
Tgt Ion: 50 Resp: 537
Ion Ratio Lower Upper
50 100
52 20.5 25.9 38.9#



#4
Vinyl Chloride
Concen: 81.699 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 62 Resp: 117
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#

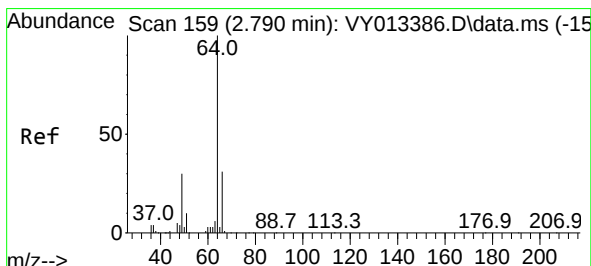
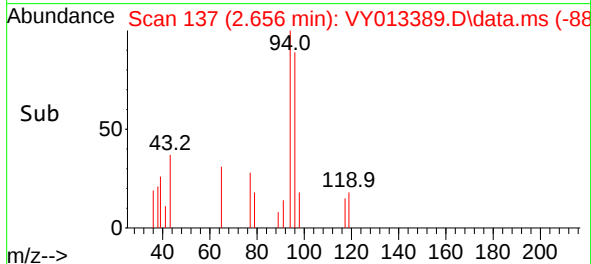
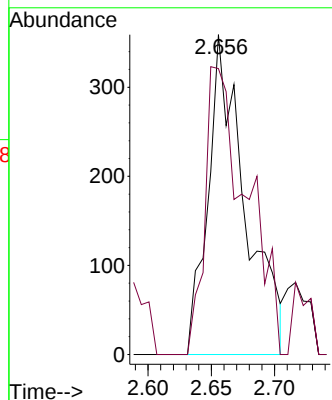
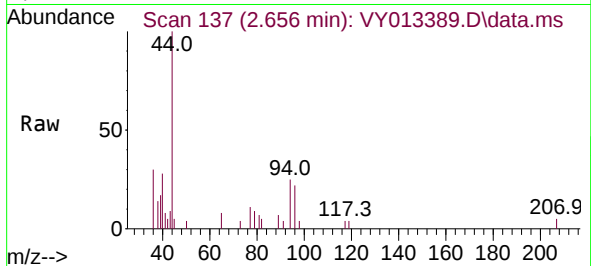




#5
Bromomethane
Concen: 748.843 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

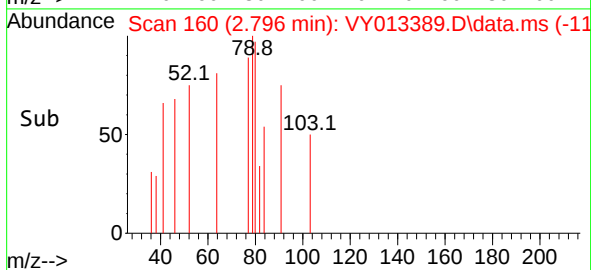
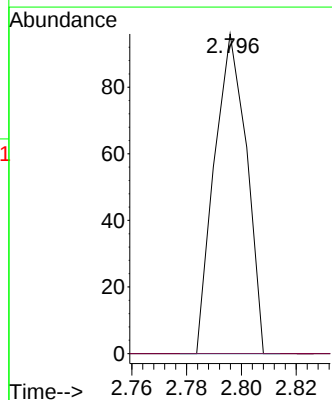
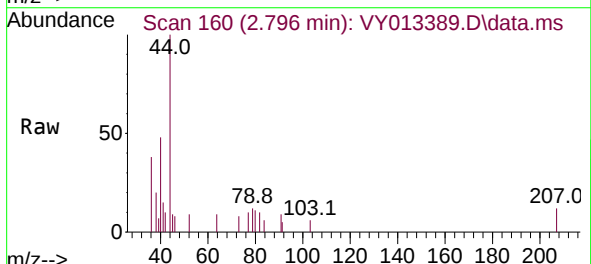
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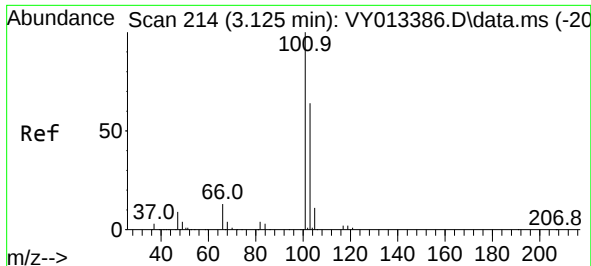
Tgt Ion: 94 Resp: 730
Ion Ratio Lower Upper
94 100
96 89.4 74.2 111.2



#6
Chloroethane
Concen: 90.512 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 64 Resp: 78
Ion Ratio Lower Upper
64 100
66 0.0 24.6 37.0#

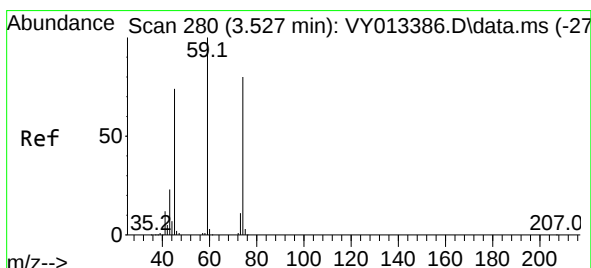
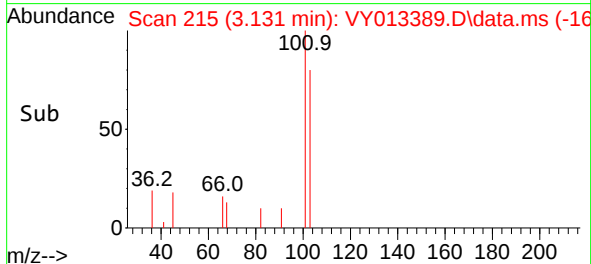
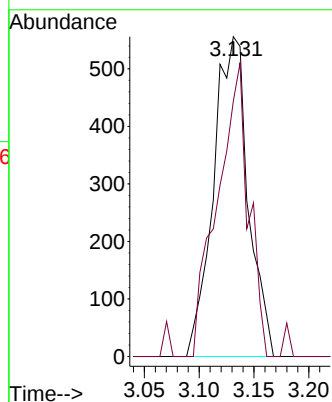
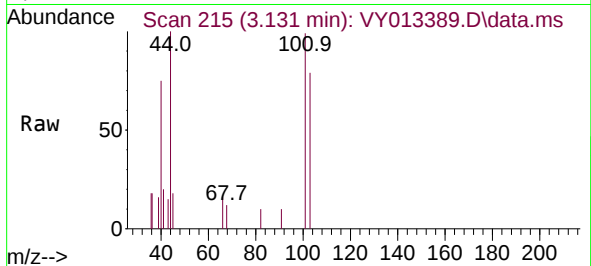




#7
 Trichlorofluoromethane
 Concen: 507.864 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY013389.D
 Acq: 21 Apr 2023 18:42

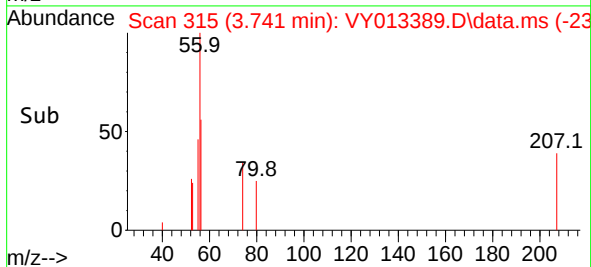
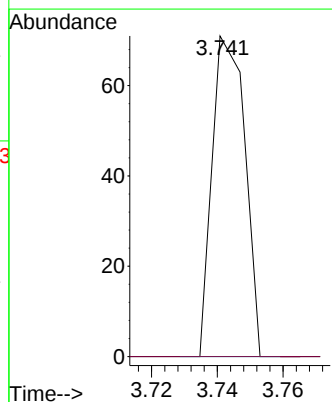
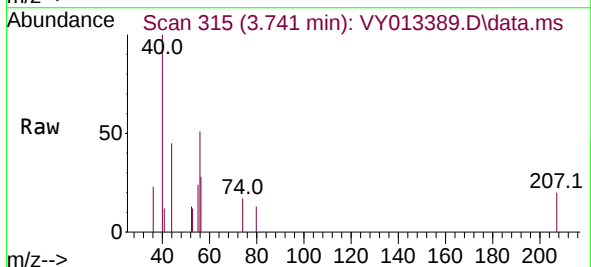
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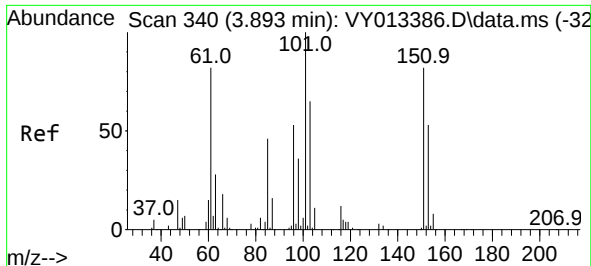
Tgt Ion:101 Resp: 1227
 Ion Ratio Lower Upper
 101 100
 103 79.9 51.6 77.4#



#8
 Diethyl Ether
 Concen: 57.777 ug/l
 RT: 3.741 min Scan# 315
 Delta R.T. 0.213 min
 Lab File: VY013389.D
 Acq: 21 Apr 2023 18:42

Tgt Ion: 74 Resp: 49
 Ion Ratio Lower Upper
 74 100
 45 0.0 48.2 144.6#

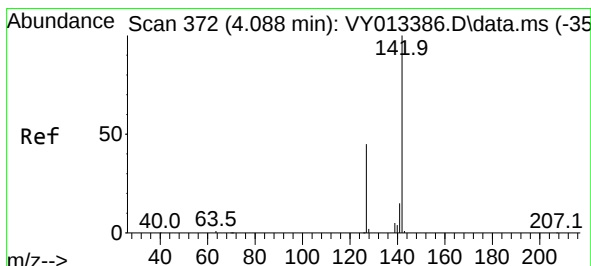
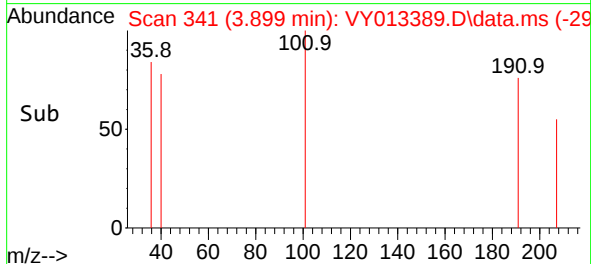
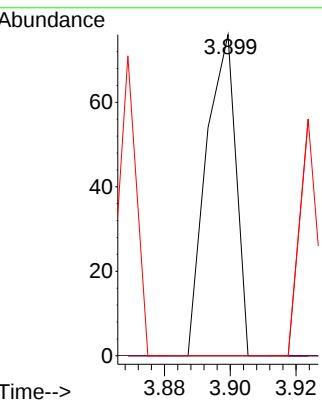
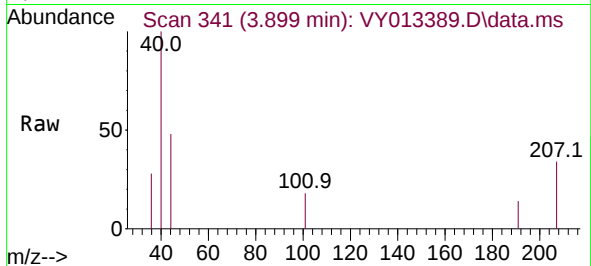




#9
1,1,2-Trichlorotrifluoroethane
Concen: 34.755 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013389.D
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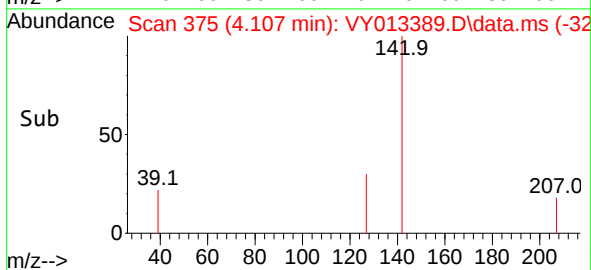
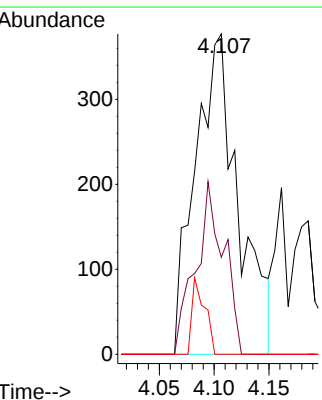
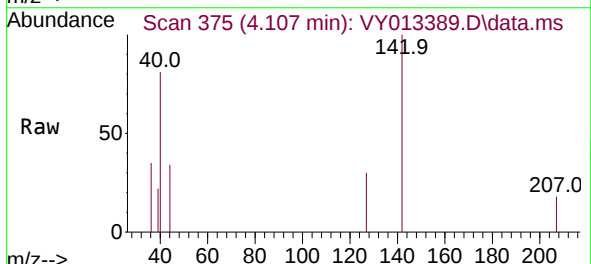
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ClientSampleId :
VIBLK

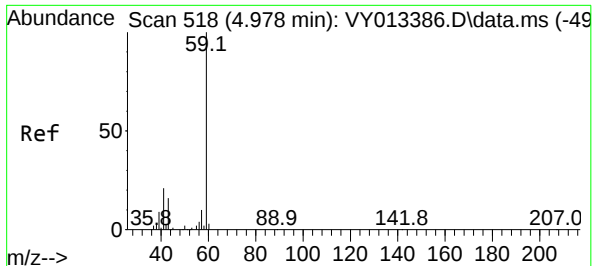
Tgt Ion:101 Resp: 48
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 68.0 102.0#



#10
Methyl Iodide
Concen: 558.263 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion:142 Resp: 1028
Ion Ratio Lower Upper
142 100
127 35.3 36.1 54.1#
141 0.0 11.6 17.4#

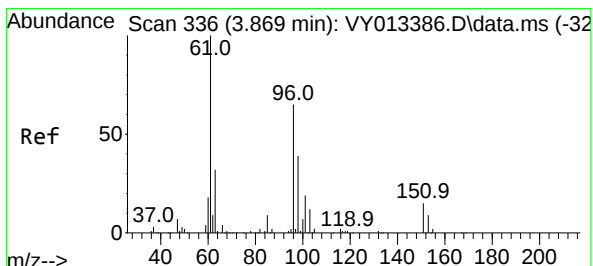
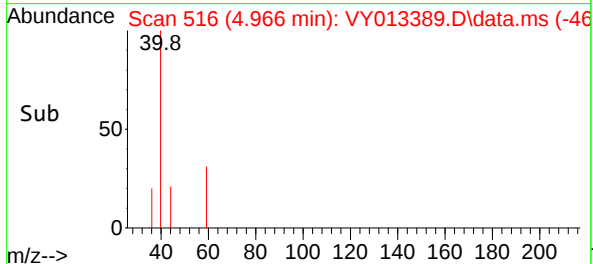
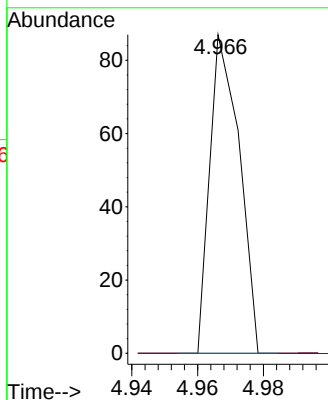
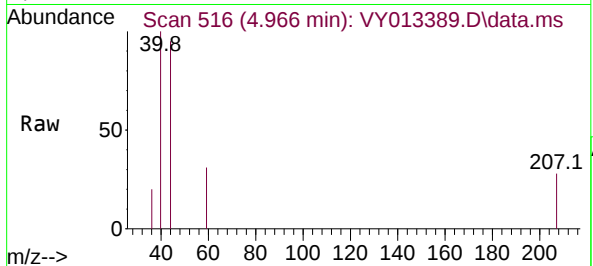




#11
Tert butyl alcohol
Concen: 333.613 ug/l
RT: 4.966 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

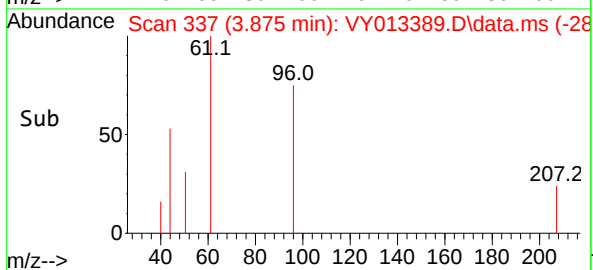
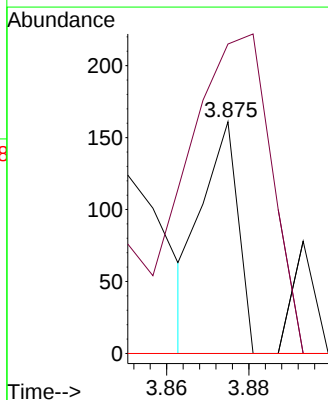
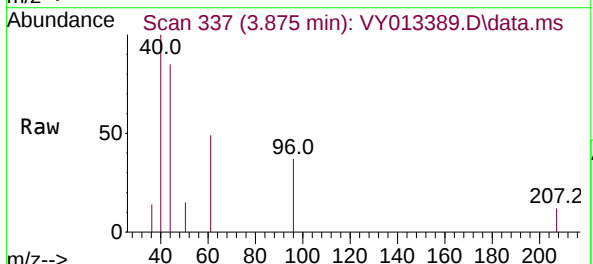
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

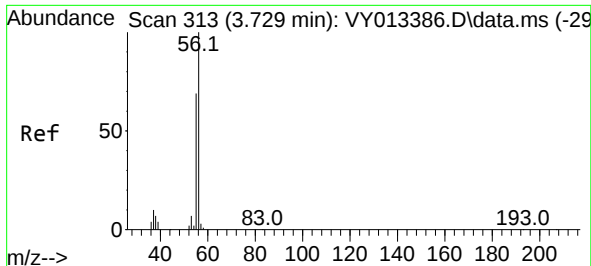
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 71.701 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 96 Resp: 97
Ion Ratio Lower Upper
96 100
61 71.4 123.9 185.9#
98 0.0 48.9 73.3#

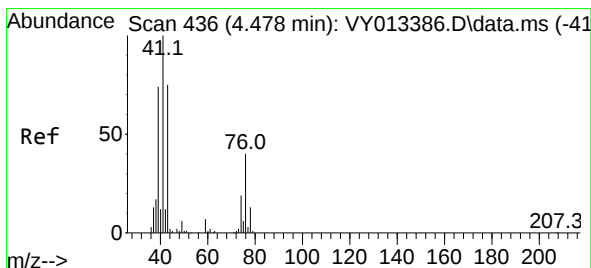
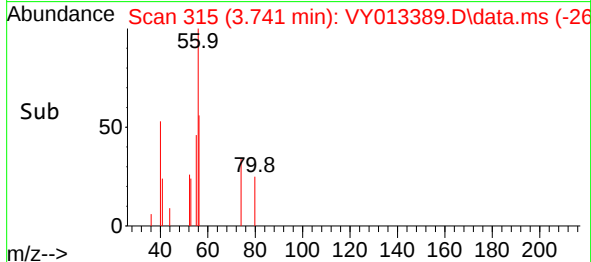
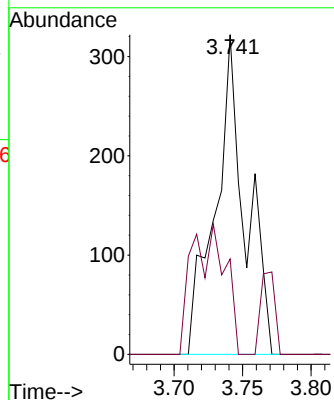
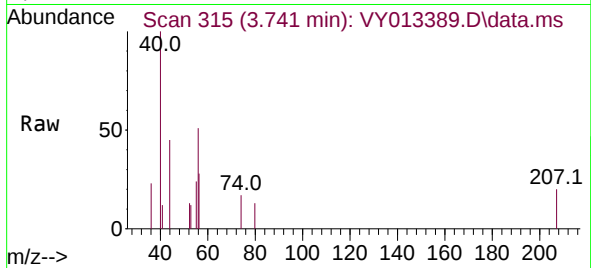




#13
Acrolein
Concen: 3239.769 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

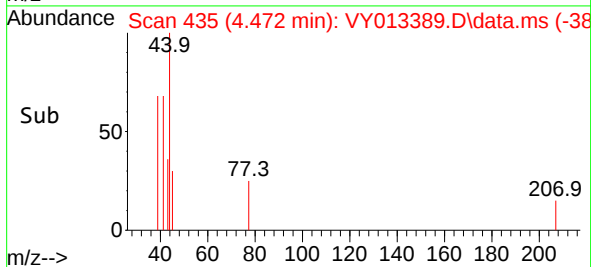
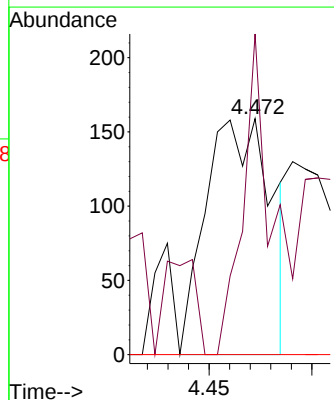
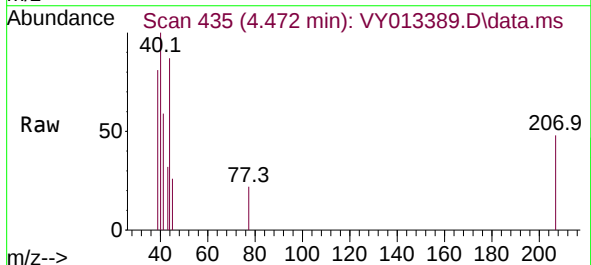
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

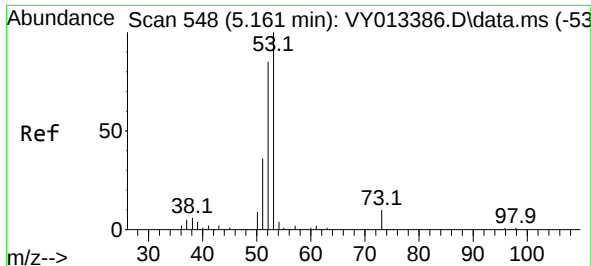
Tgt Ion: 56 Resp: 492
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#14
Allyl chloride
Concen: 153.573 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 41 Resp: 352
Ion Ratio Lower Upper
41 100
39 59.9 56.6 85.0
76 0.0 30.5 45.7#

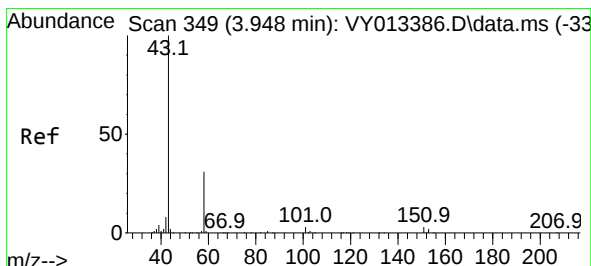
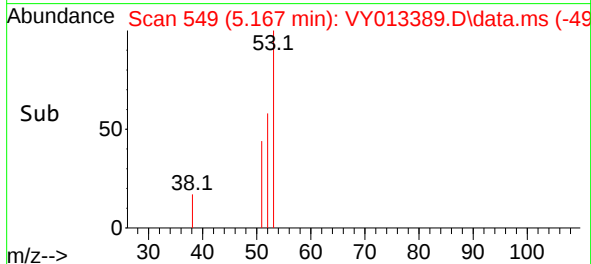
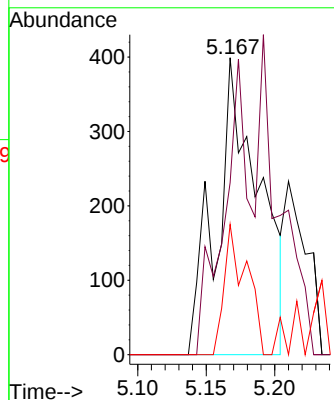
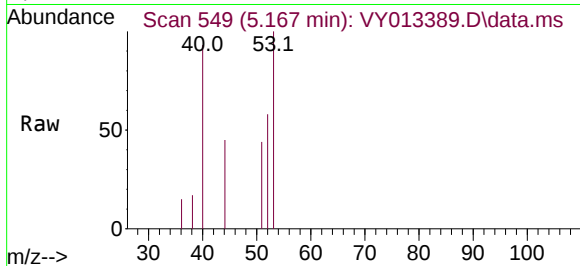




#15
Acrylonitrile
Concen: 1818.058 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

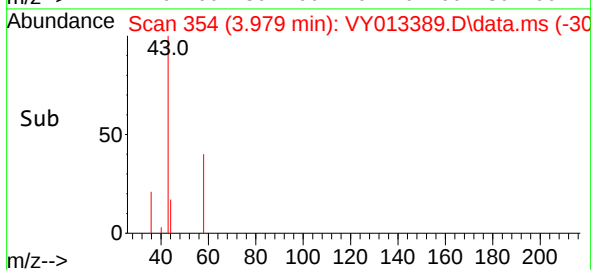
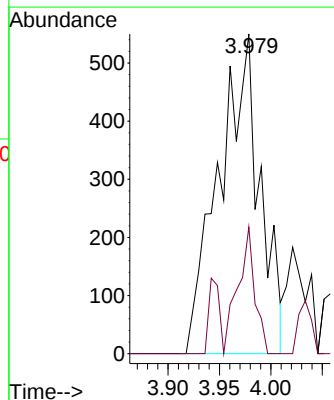
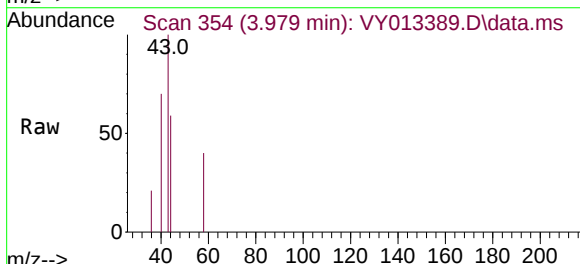
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

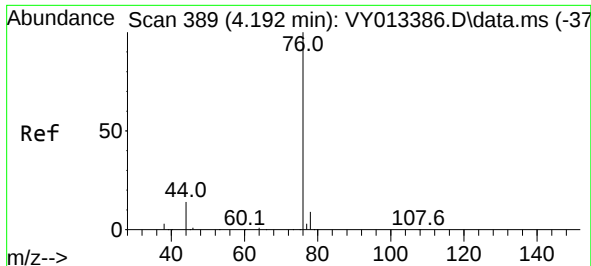
Tgt Ion: 53 Resp: 857
Ion Ratio Lower Upper
53 100
52 60.7 65.4 98.0#
51 23.2 29.3 43.9#



#16
Acetone
Concen: 2613.280 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.030 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
58 39.6 25.4 38.0#

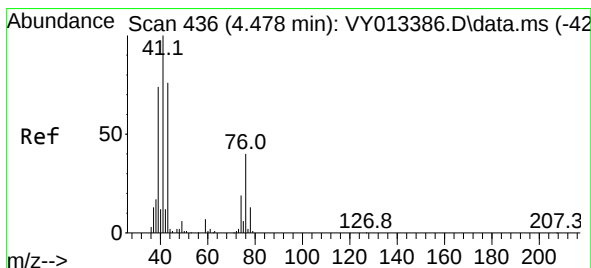
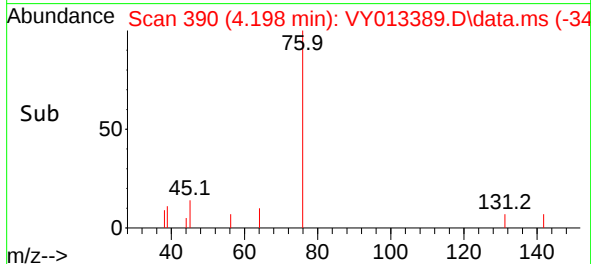
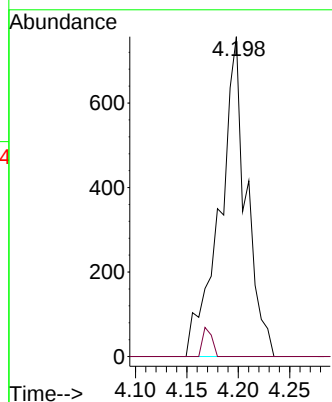
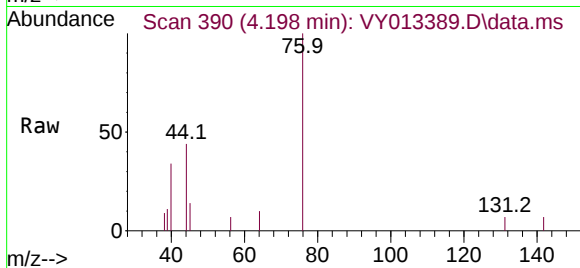




#17
Carbon Disulfide
Concen: 308.935 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

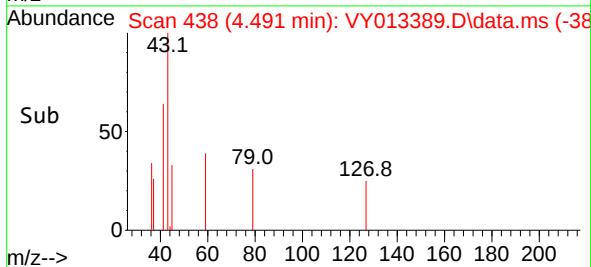
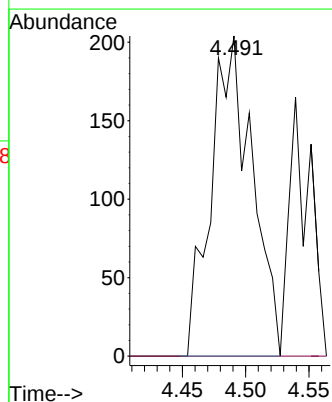
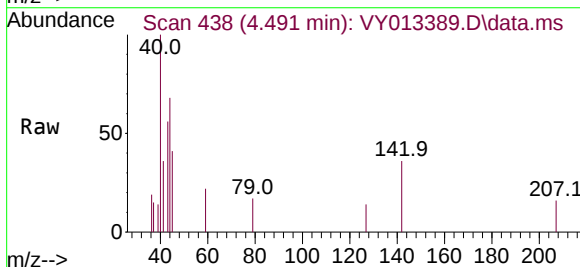
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

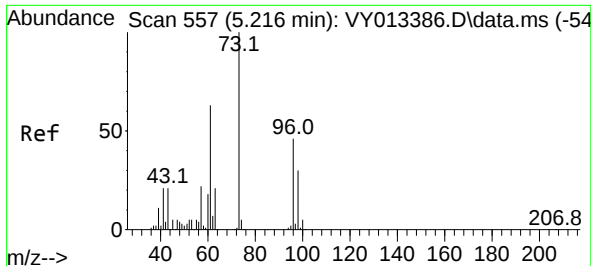
Tgt Ion: 76 Resp: 1356
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 258.749 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 43 Resp: 461
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

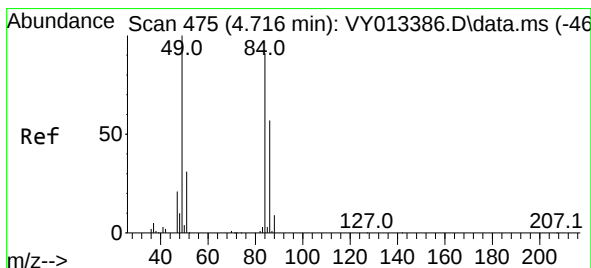
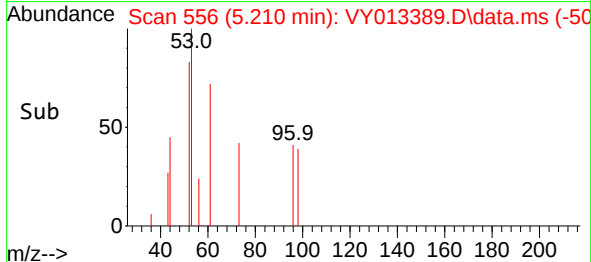
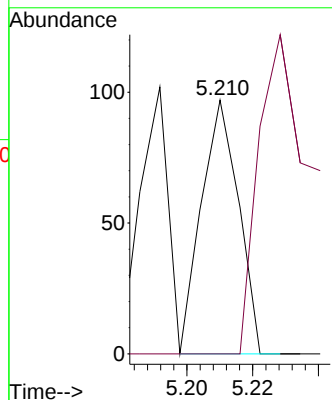
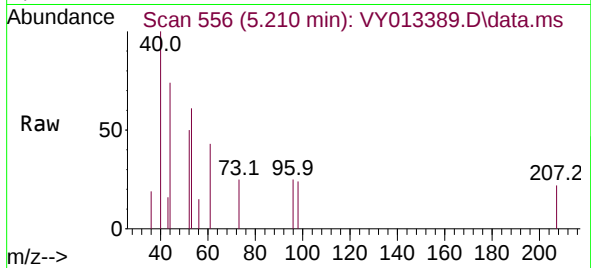




#19
Methyl tert-butyl Ether
Concen: 19.912 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

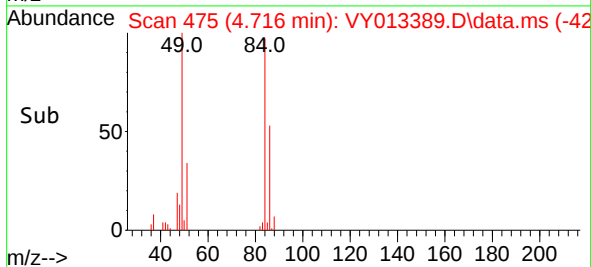
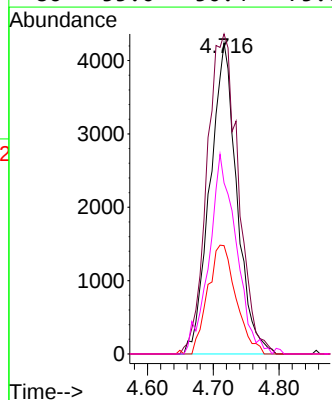
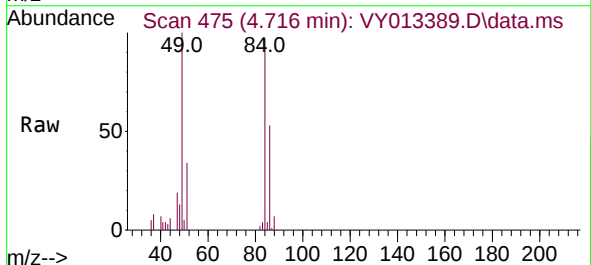
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

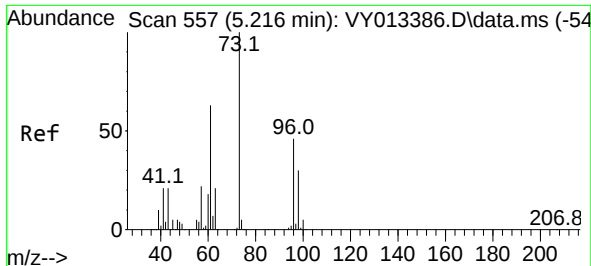
Tgt Ion: 73 Resp: 76
Ion Ratio Lower Upper
73 100
57 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 9178.897 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 84 Resp: 12057
Ion Ratio Lower Upper
84 100
49 102.9 88.0 132.0
51 34.8 27.4 41.0
86 55.0 50.4 75.6

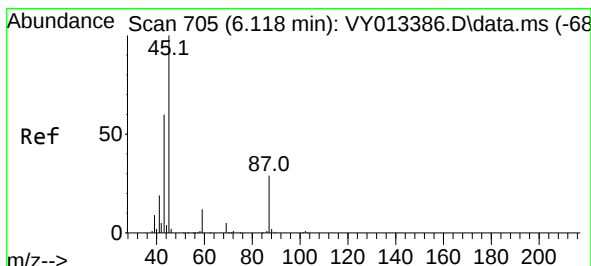
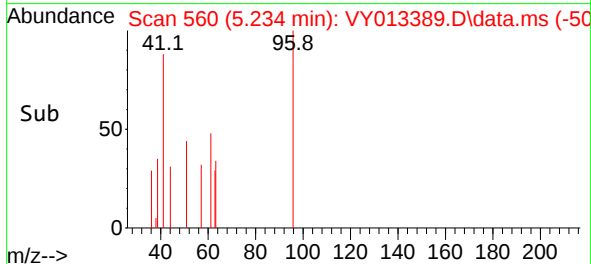
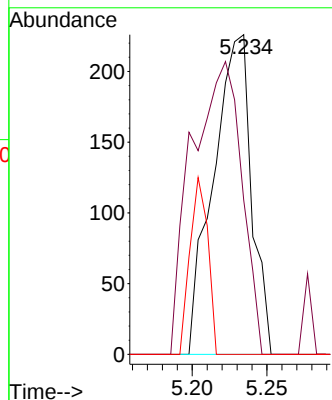
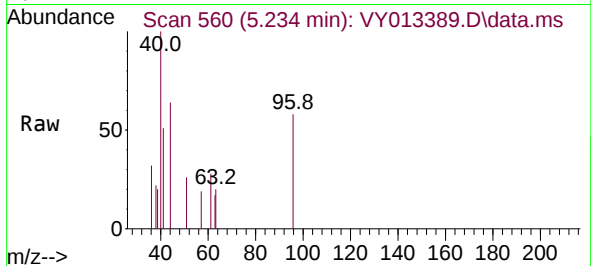




#21
trans-1,2-Dichloroethene
Concen: 266.102 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

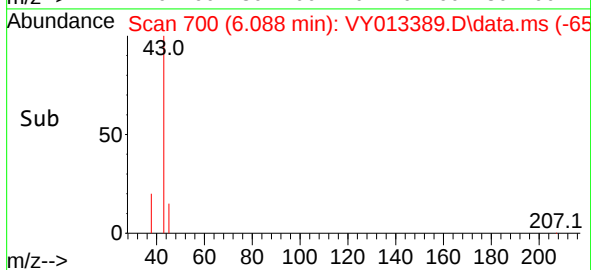
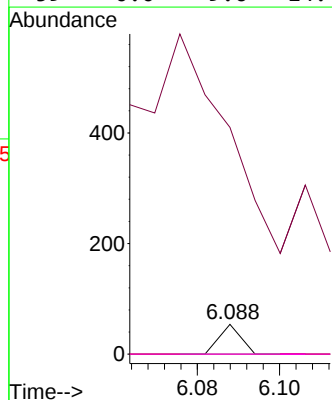
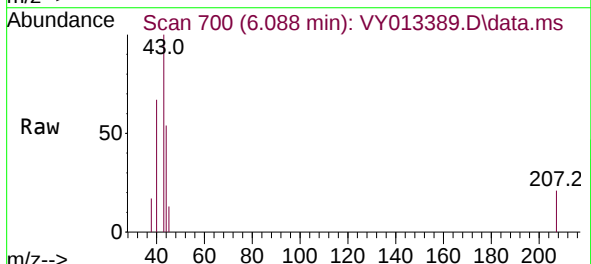
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

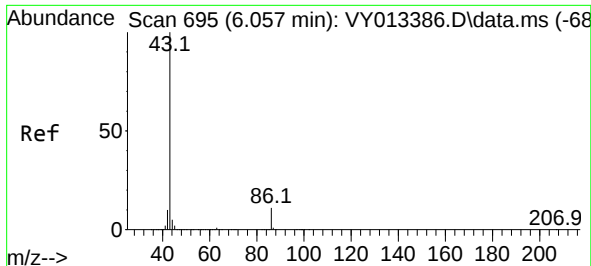
Tgt Ion: 96 Resp: 402
Ion Ratio Lower Upper
96 100
61 48.2 110.6 165.8#
98 0.0 53.1 79.7#



#22
Diisopropyl ether
Concen: 4.645 ug/l
RT: 6.088 min Scan# 700
Delta R.T. -0.030 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 45 Resp: 20
Ion Ratio Lower Upper
45 100
43 422.2 48.4 72.6#
87 0.0 23.8 35.6#
59 0.0 9.6 14.4#





#23

Vinyl Acetate

Concen: 529.855 ug/l

RT: 6.076 min Scan# 695

Delta R.T. 0.018 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

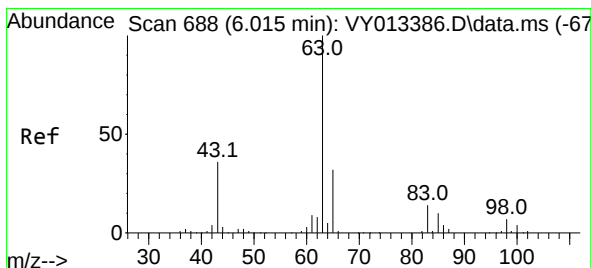
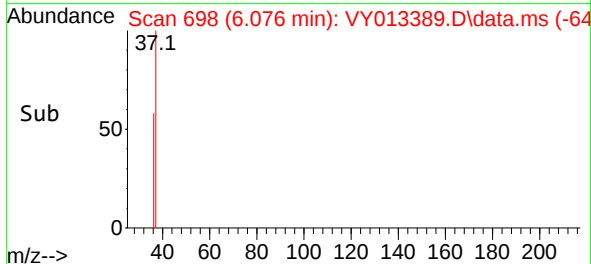
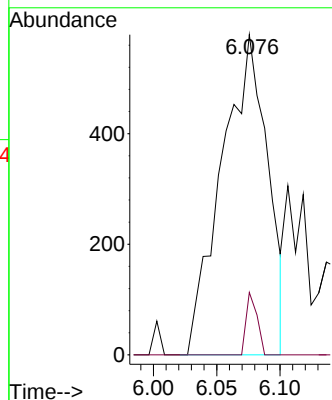
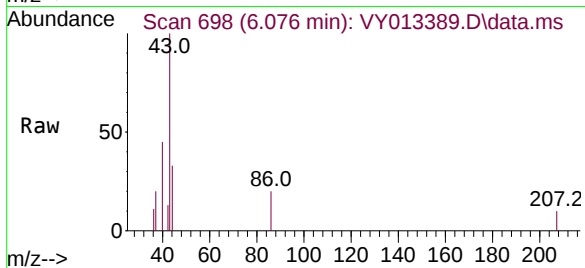
VIBLK

Tgt Ion: 43 Resp: 1457

Ion Ratio Lower Upper

43 100

86 19.5 8.5 12.7#



#24

1,1-Dichloroethane

Concen: 29.861 ug/l

RT: 6.015 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

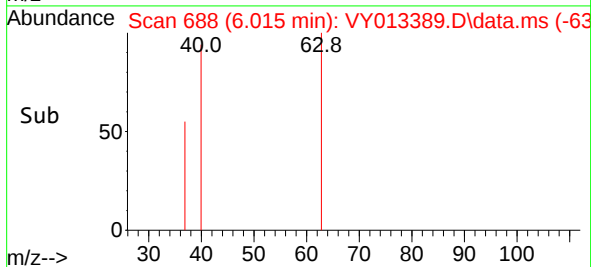
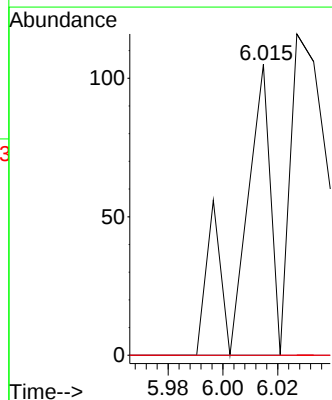
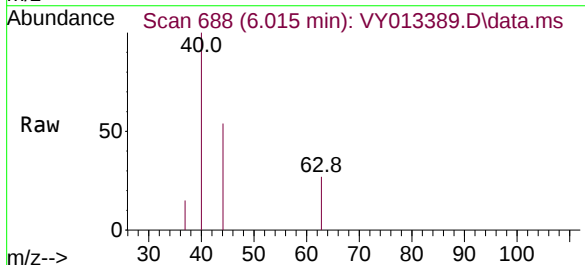
Tgt Ion: 63 Resp: 78

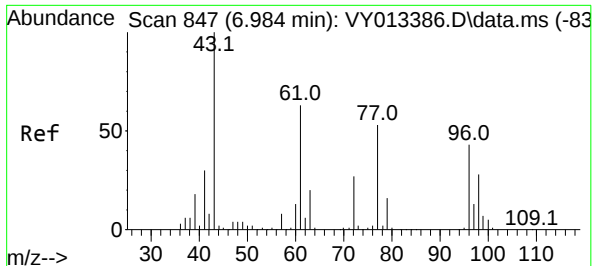
Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.6#

100 0.0 2.2 6.6#





#25

2-Butanone

Concen: 497.968 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

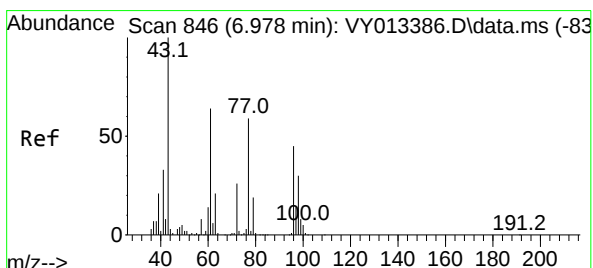
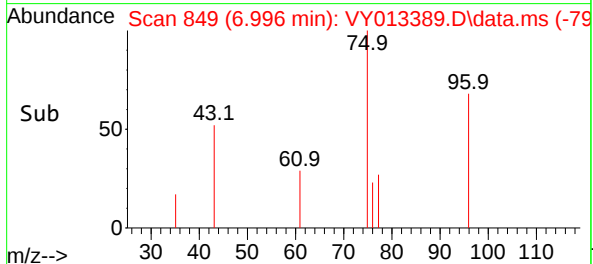
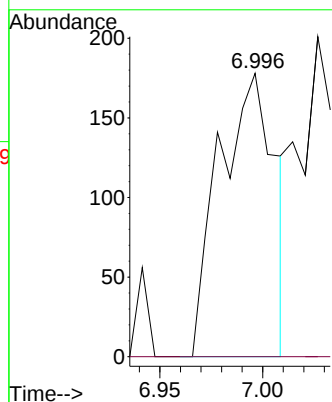
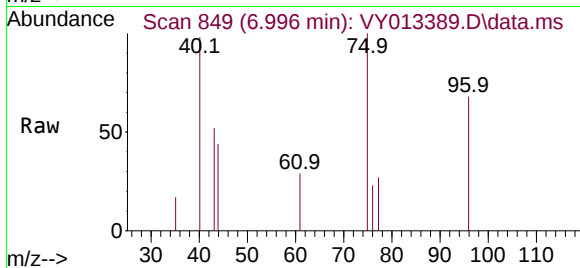
VIBLK

Tgt Ion: 43 Resp: 335

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#26

2,2-Dichloropropane

Concen: 60.339 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY013389.D

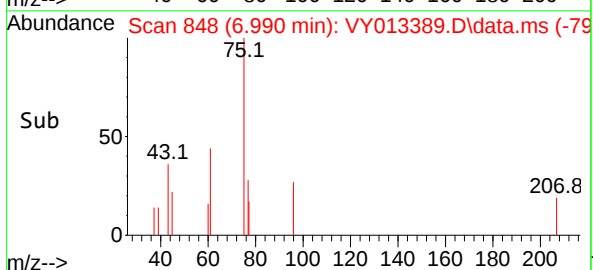
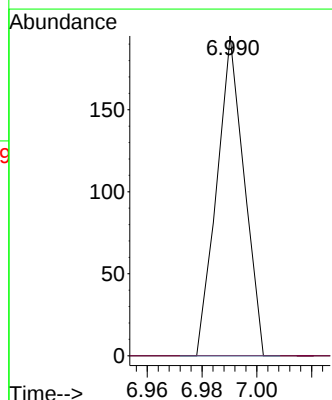
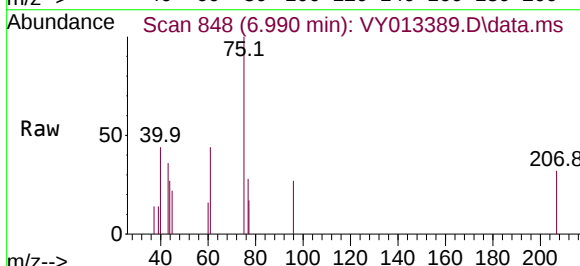
Acq: 21 Apr 2023 18:42

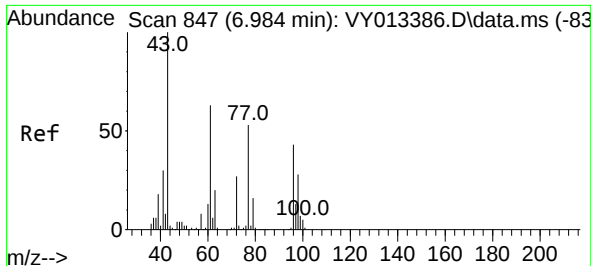
Tgt Ion: 77 Resp: 135

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#





#27

cis-1,2-Dichloroethene

Concen: 105.148 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

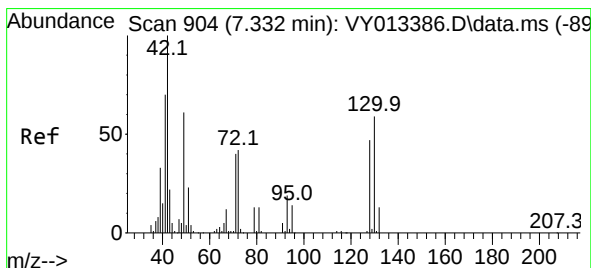
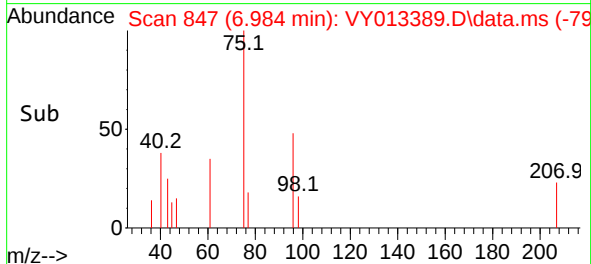
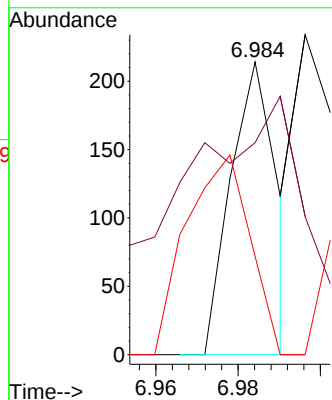
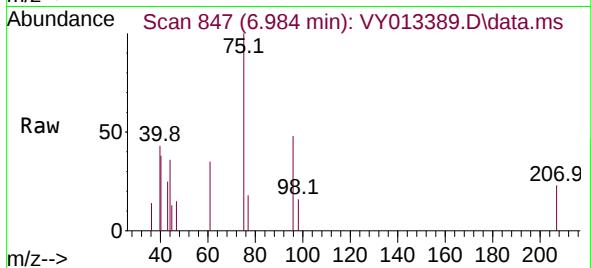
Tgt Ion: 96 Resp: 168

Ion Ratio Lower Upper

96 100

61 236.3 0.0 285.0

98 93.5 0.0 130.6



#28

Bromochloromethane

Concen: 21.820 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

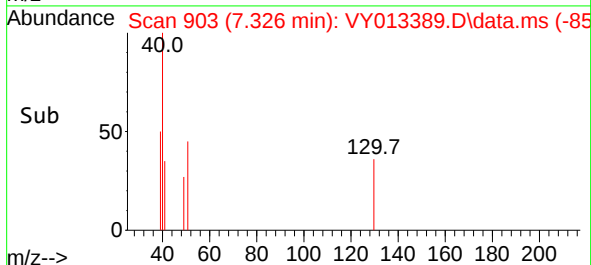
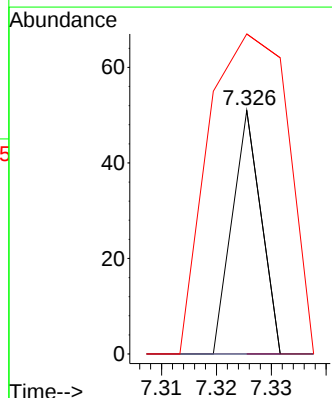
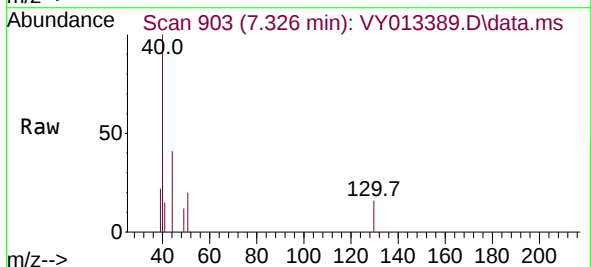
Tgt Ion: 49 Resp: 19

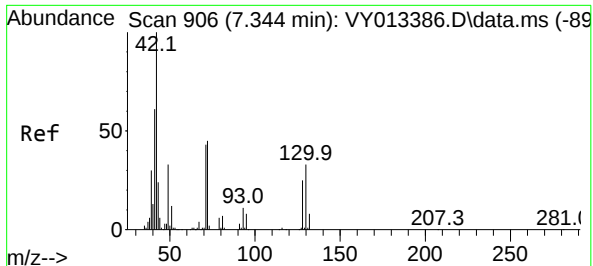
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.2

130 352.6 72.1 108.1#





#29

Tetrahydrofuran

Concen: 805.814 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

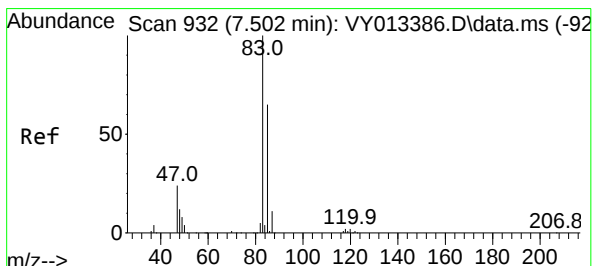
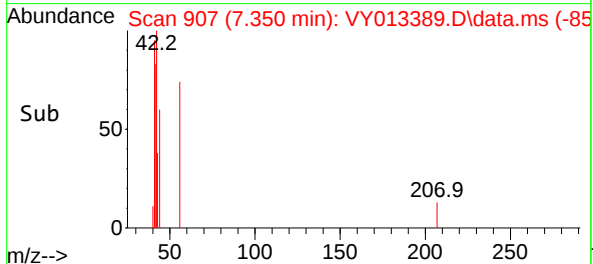
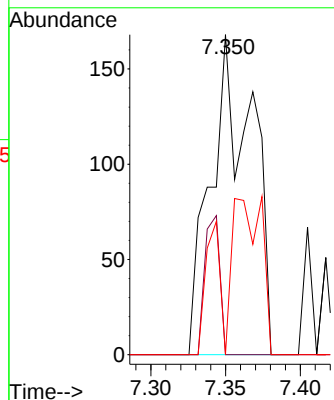
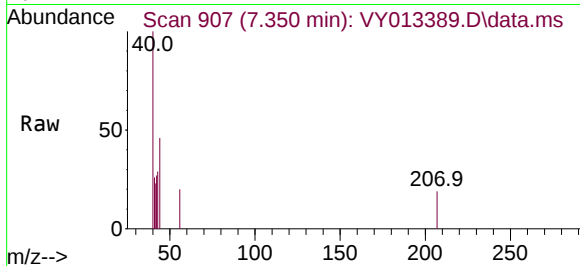
Tgt Ion: 42 Resp: 321

Ion Ratio Lower Upper

42 100

72 15.9 35.9 53.9#

71 14.3 34.3 51.5#



#30

Chloroform

Concen: 144.050 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013389.D

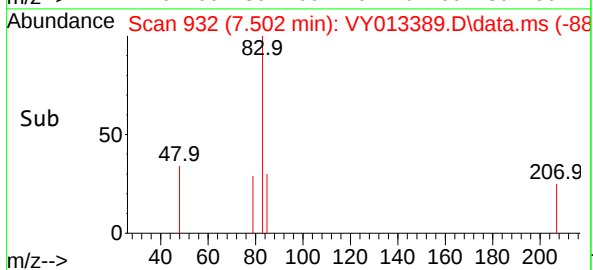
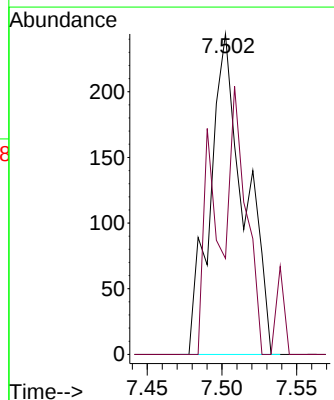
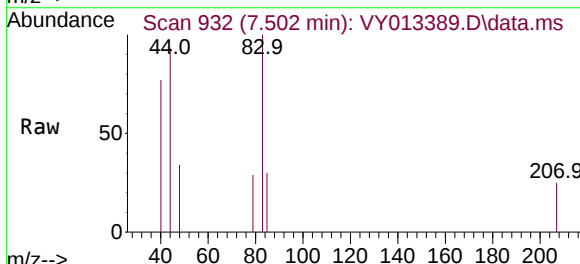
Acq: 21 Apr 2023 18:42

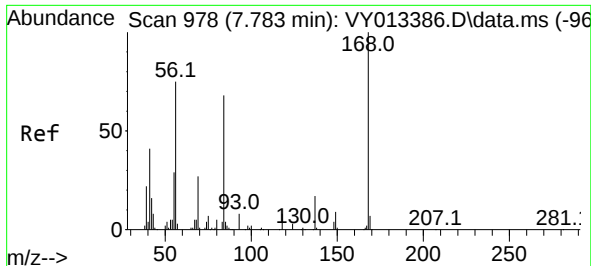
Tgt Ion: 83 Resp: 389

Ion Ratio Lower Upper

83 100

85 29.9 52.0 78.0#

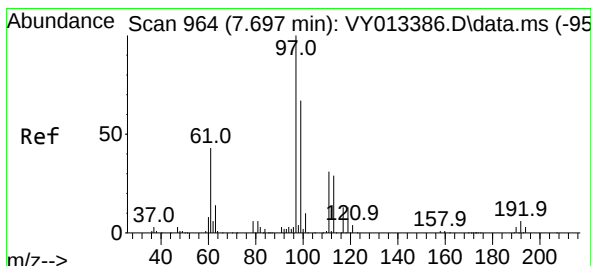
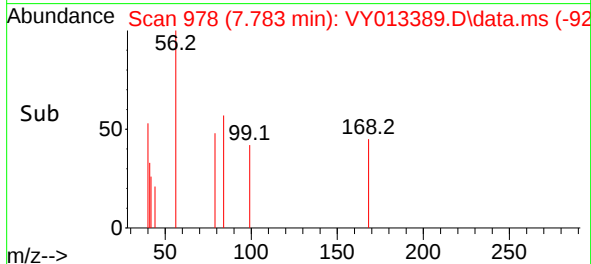
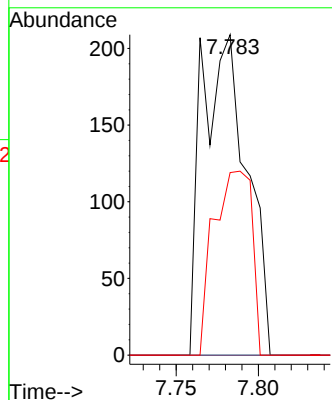
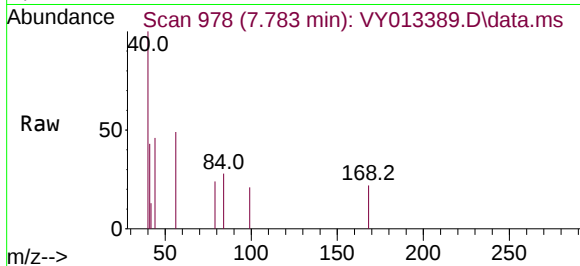




#31
Cyclohexane
Concen: 175.632 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

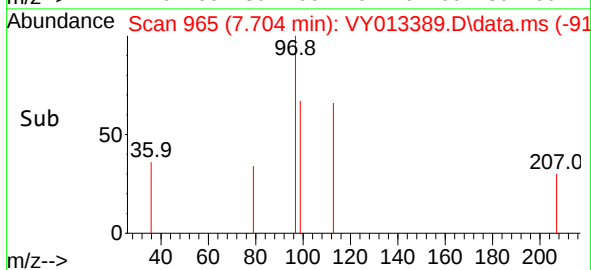
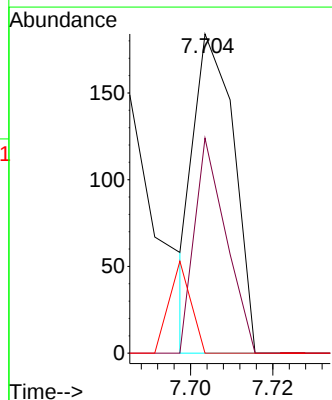
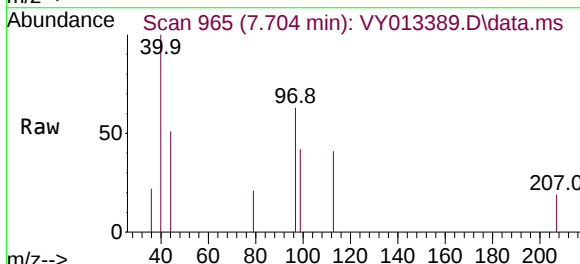
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

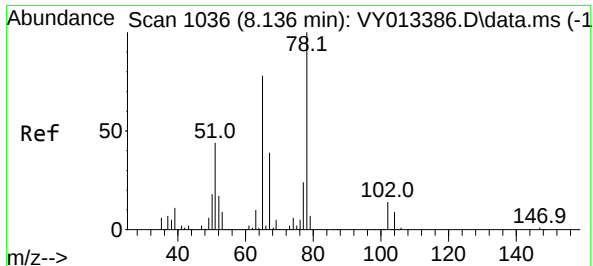
Tgt Ion: 56 Resp: 397
Ion Ratio Lower Upper
56 100
69 0.0 29.2 43.8#
84 56.9 73.0 109.6#



#32
1,1,1-Trichloroethane
Concen: 50.572 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 97 Resp: 121
Ion Ratio Lower Upper
97 100
99 54.5 52.2 78.2
61 15.7 33.8 50.8#

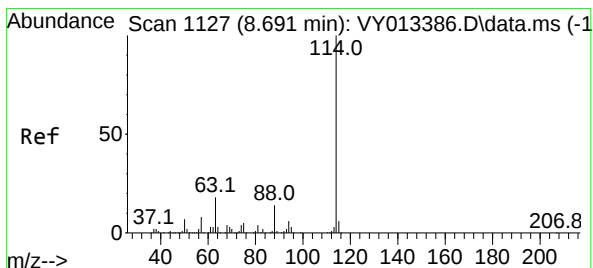
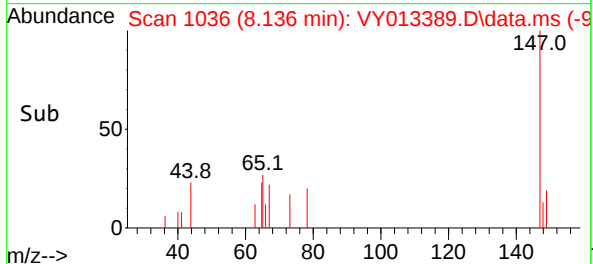
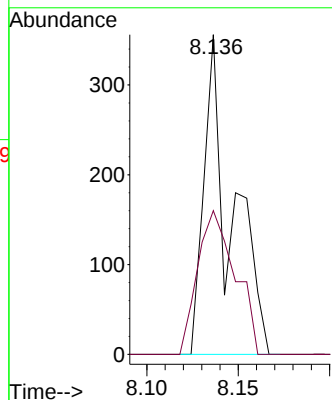
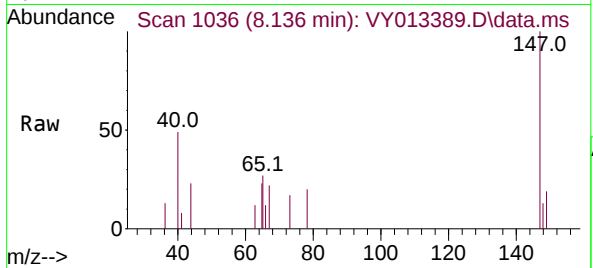




#33
1,2-Dichloroethane-d4
Concen: 258.156 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

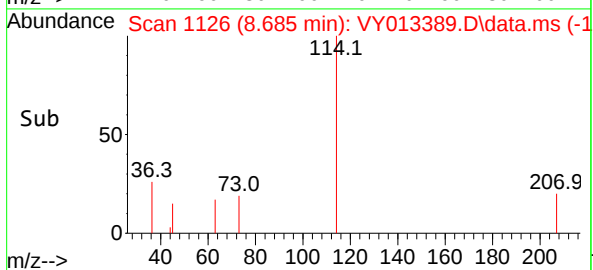
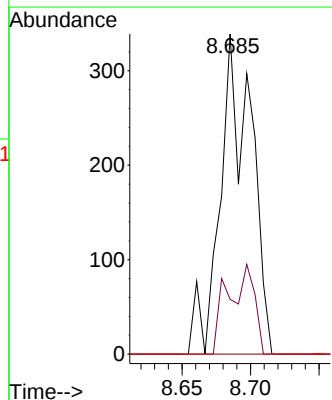
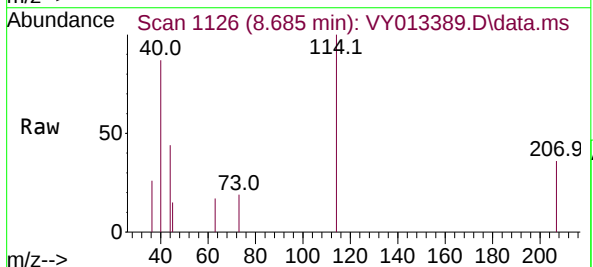
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

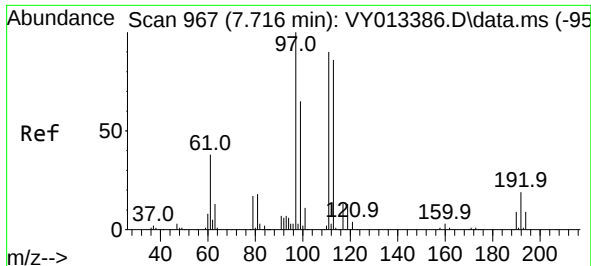
Tgt Ion: 65 Resp: 368
Ion Ratio Lower Upper
65 100
67 62.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 114 Resp: 538
Ion Ratio Lower Upper
114 100
63 17.1 0.0 36.6
88 0.0 0.0 28.8

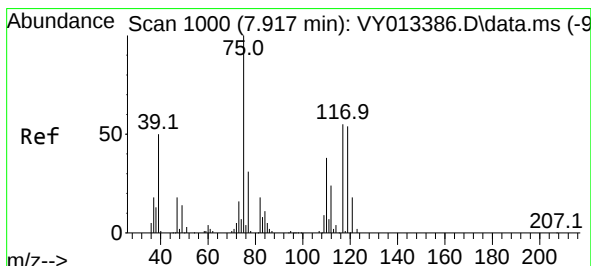
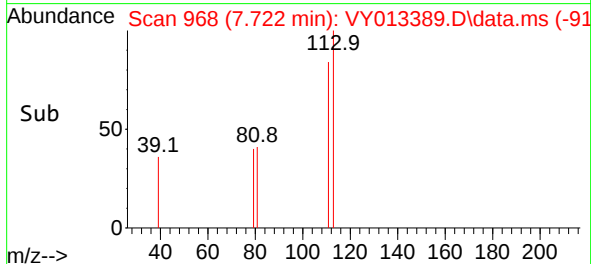
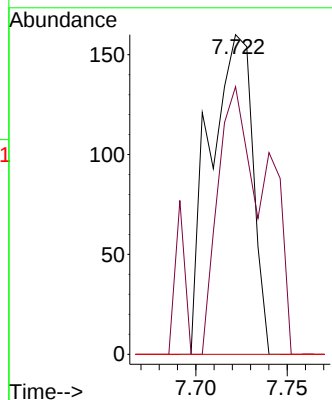
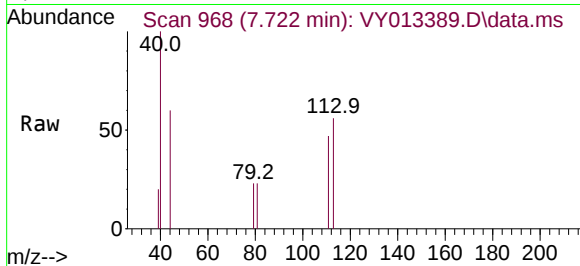




#35
Dibromofluoromethane
Concen: 77.808 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

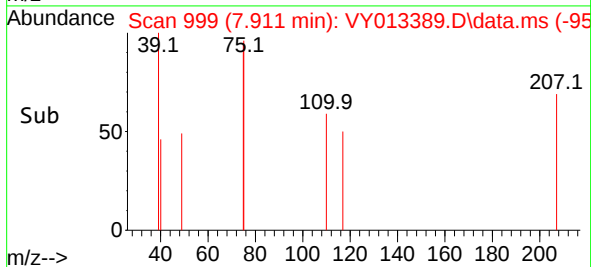
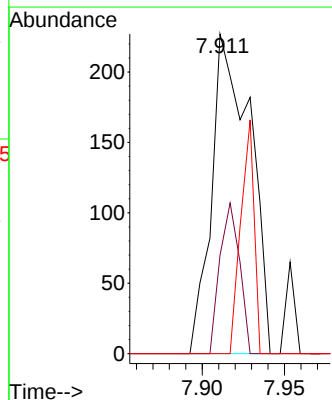
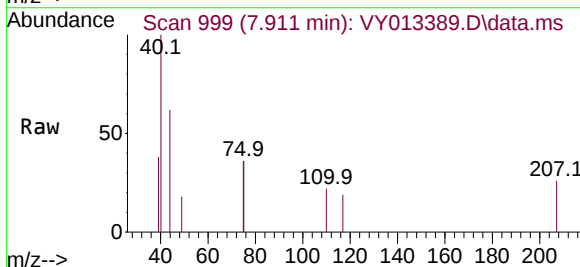
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

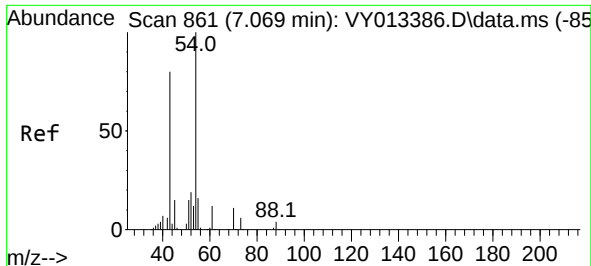
Tgt Ion:113 Resp: 262
Ion Ratio Lower Upper
113 100
111 93.5 82.2 123.2
192 0.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 72.342 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 75 Resp: 370
Ion Ratio Lower Upper
75 100
110 24.1 18.7 56.1
77 25.4 24.6 37.0

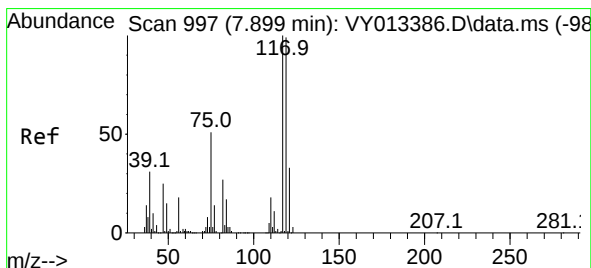
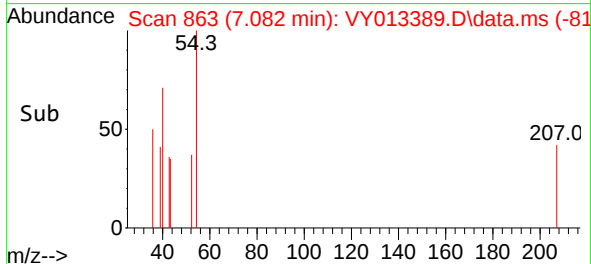
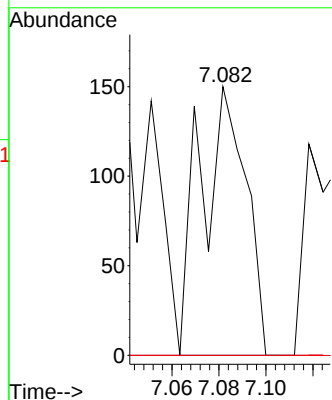
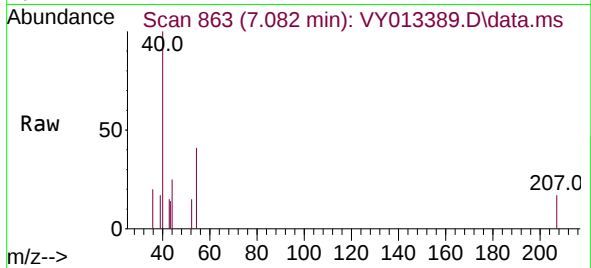




#37
Ethyl Acetate
Concen: 52.733 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.012 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

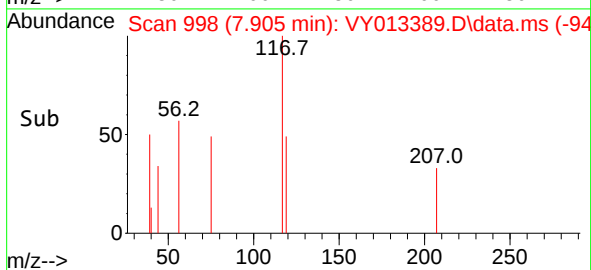
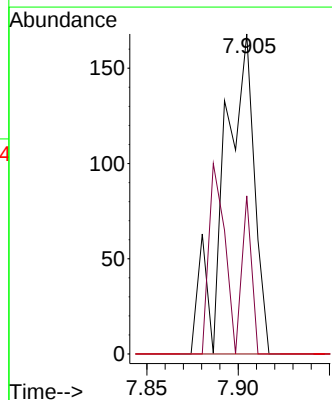
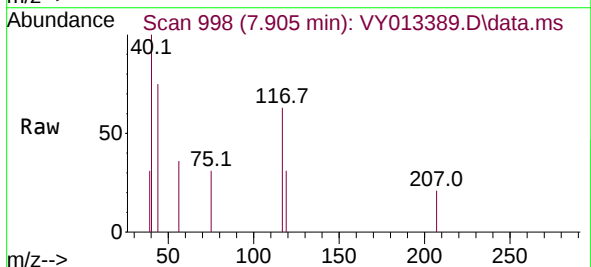
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

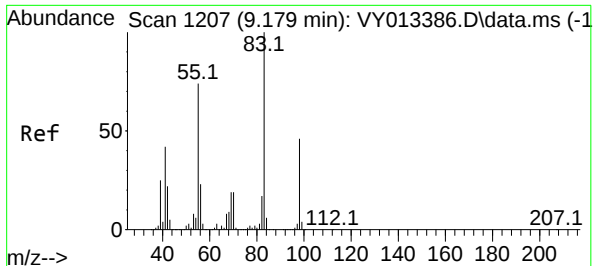
Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 32.768 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 117 Resp: 194
Ion Ratio Lower Upper
117 100
119 49.4 79.0 118.6#
121 0.0 26.6 40.0#





#39

Methylcyclohexane

Concen: 58.735 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

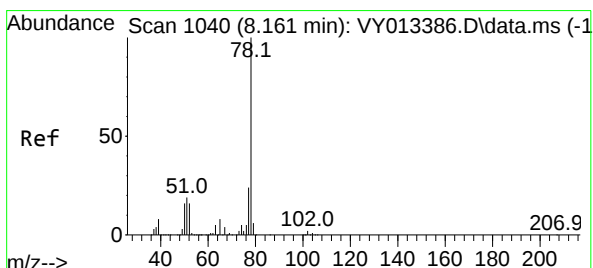
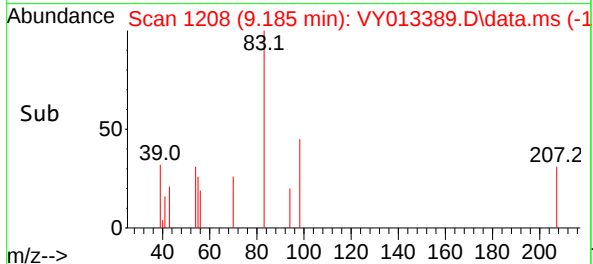
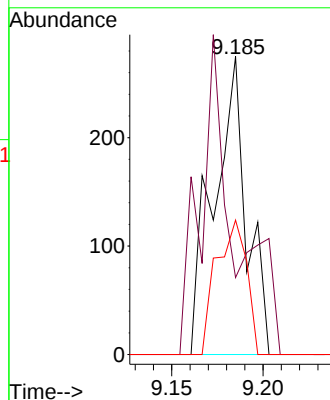
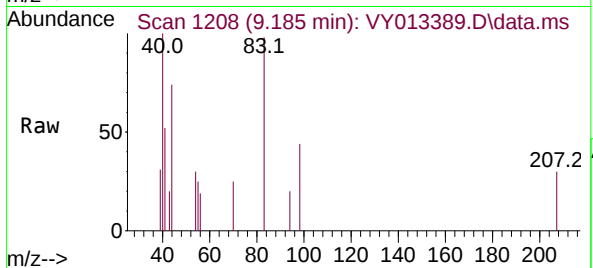
Tgt Ion: 83 Resp: 345

Ion Ratio Lower Upper

83 100

55 25.8 59.0 88.4#

98 45.1 37.0 55.4



#40

Benzene

Concen: 55.043 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY013389.D

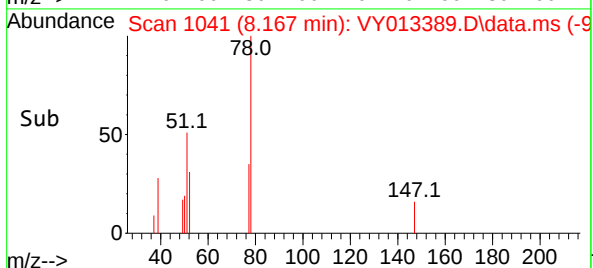
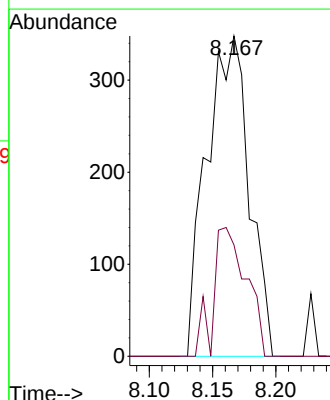
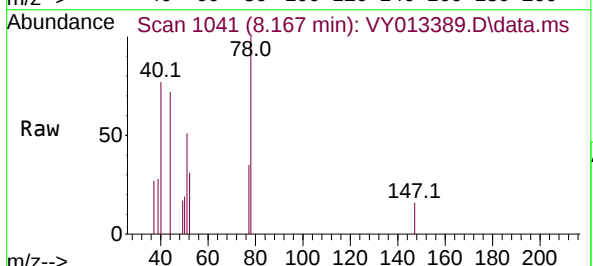
Acq: 21 Apr 2023 18:42

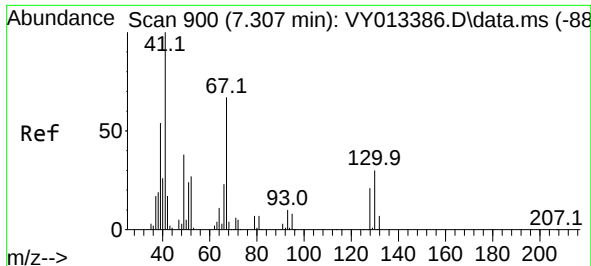
Tgt Ion: 78 Resp: 816

Ion Ratio Lower Upper

78 100

77 34.8 19.2 28.8#

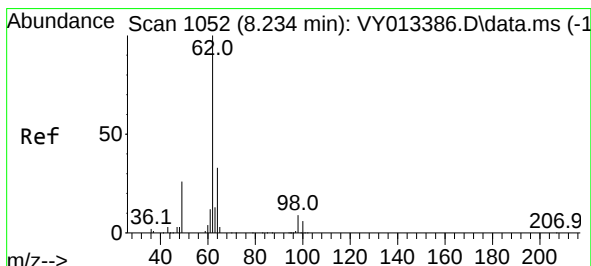
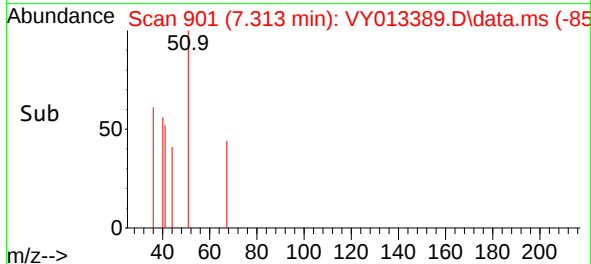
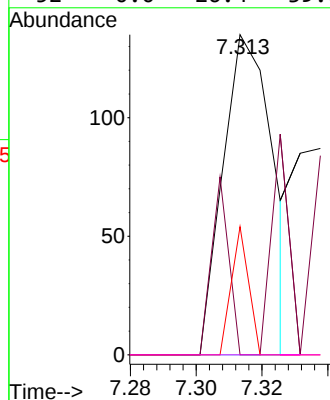
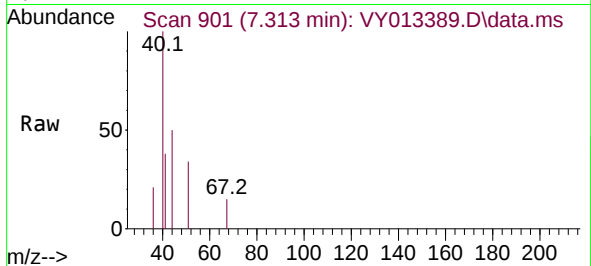




#41
Methacrylonitrile
Concen: 77.055 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

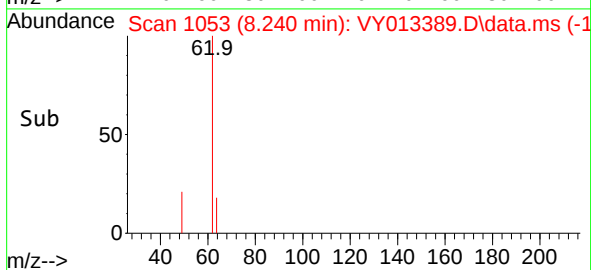
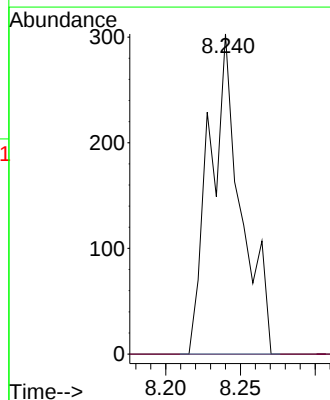
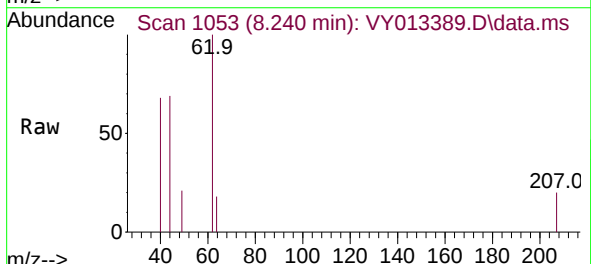
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

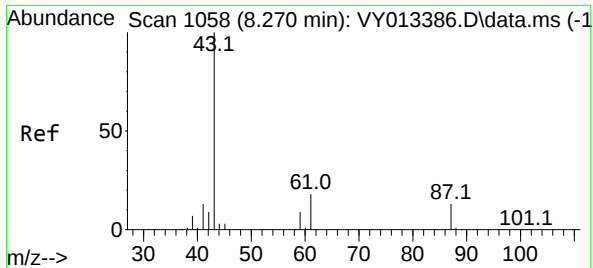
Tgt Ion:	41	Resp:	143
Ion	Ratio	Lower	Upper
41	100		
39	18.9	44.2	66.4#
67	14.0	62.9	94.3#
52	0.0	26.4	39.6#



#42
1,2-Dichloroethane
Concen: 90.794 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion:	62	Resp:	443
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 3.771 ug/l

RT: 8.246 min Scan# 1105

Delta R.T. -0.024 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

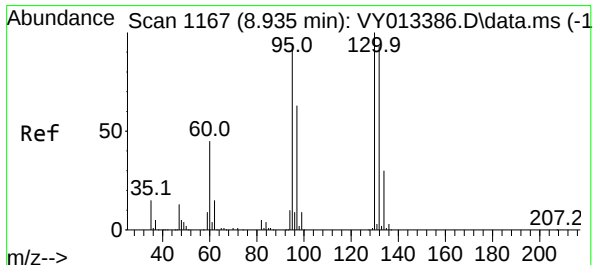
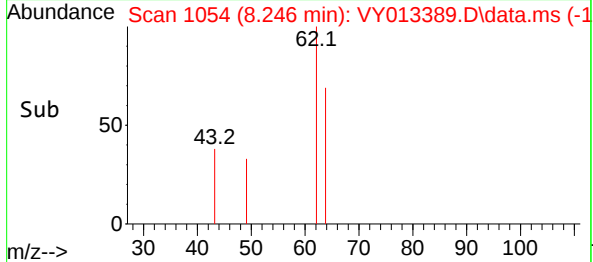
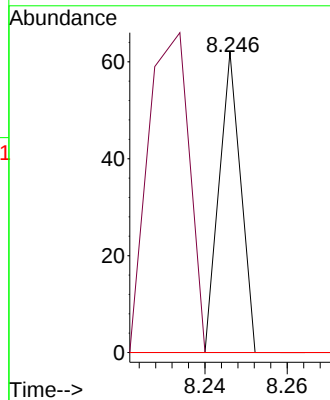
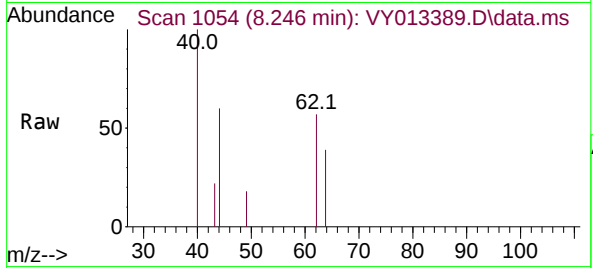
Tgt Ion: 43 Resp: 23

Ion Ratio Lower Upper

43 100

61 200.0 22.2 33.4#

87 0.0 11.0 16.6#



#44

Trichloroethene

Concen: 83.574 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013389.D

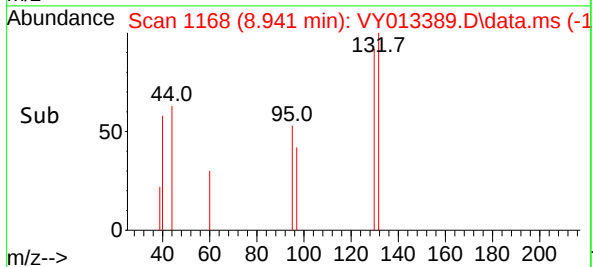
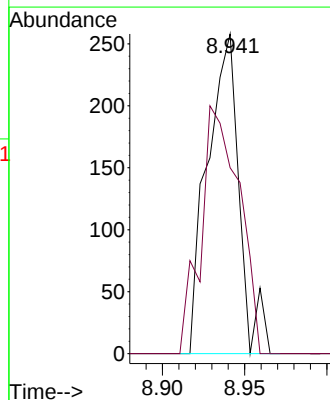
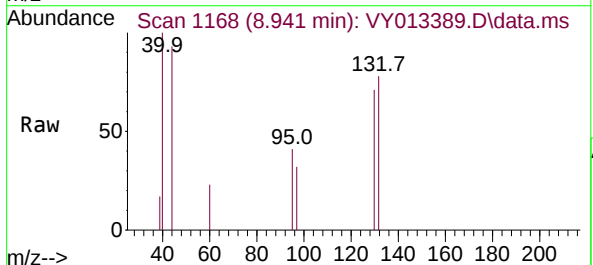
Acq: 21 Apr 2023 18:42

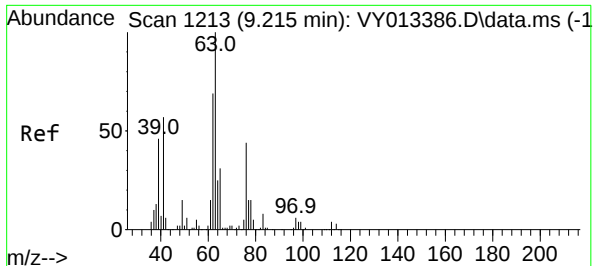
Tgt Ion:130 Resp: 347

Ion Ratio Lower Upper

130 100

95 58.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 28.101 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

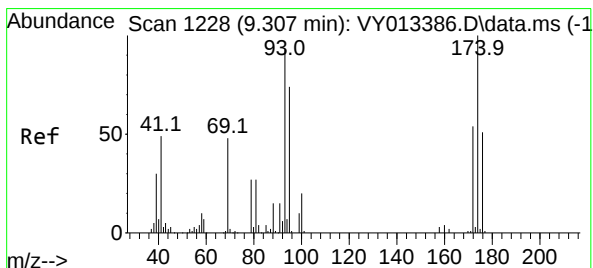
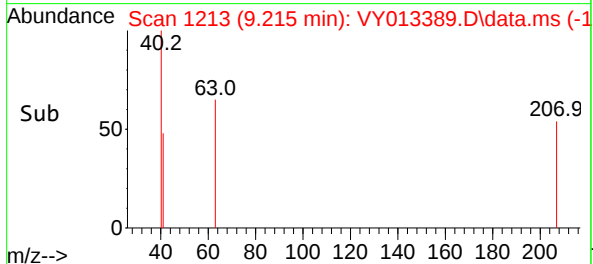
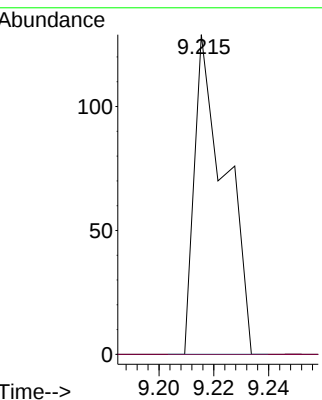
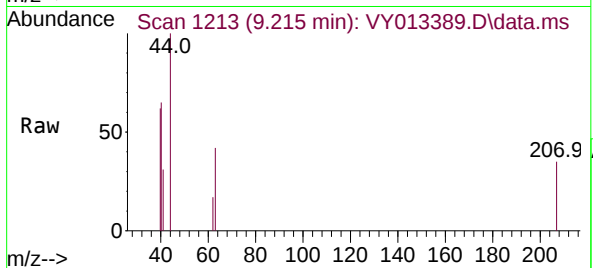
VIBLK

Tgt Ion: 63 Resp: 101

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#46

Dibromomethane

Concen: 100.173 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

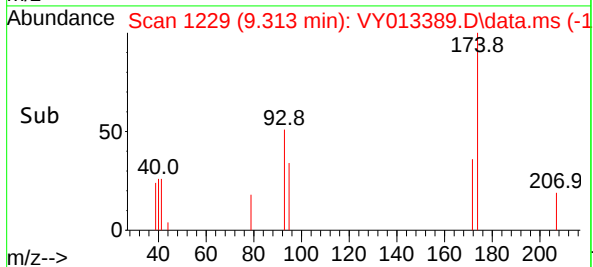
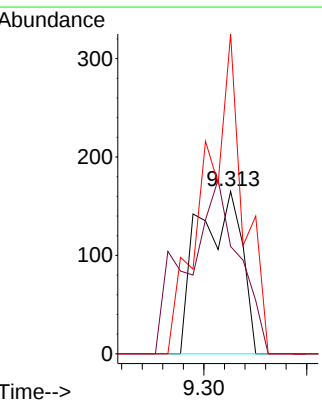
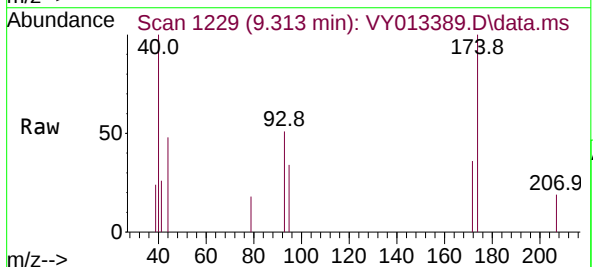
Tgt Ion: 93 Resp: 241

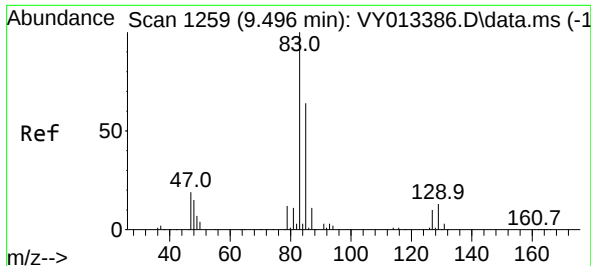
Ion Ratio Lower Upper

93 100

95 127.4 67.1 100.7#

174 174.3 87.0 130.4#

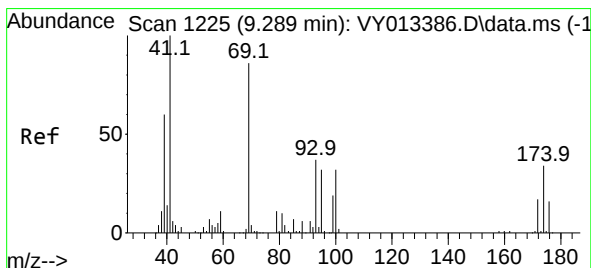
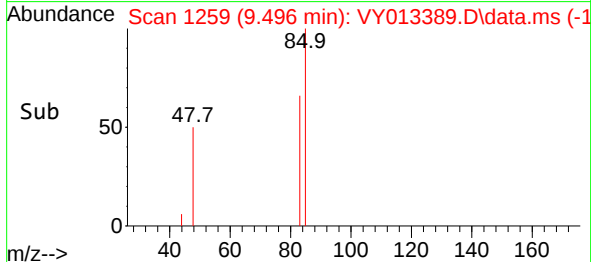
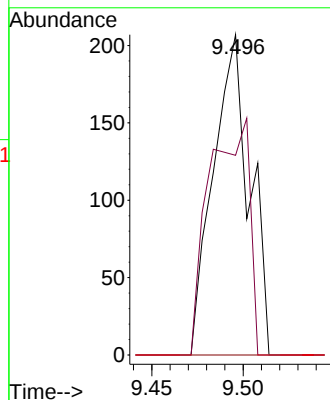
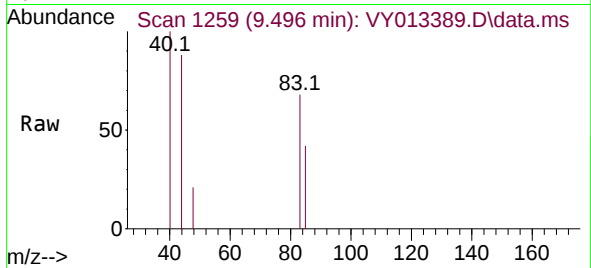




#47
Bromodichloromethane
Concen: 53.077 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

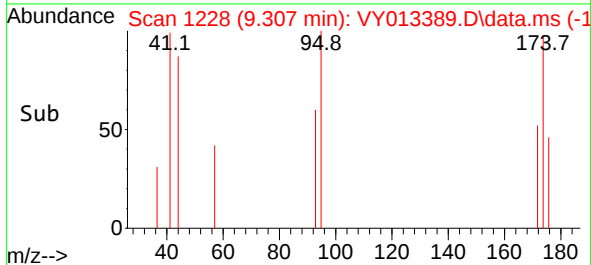
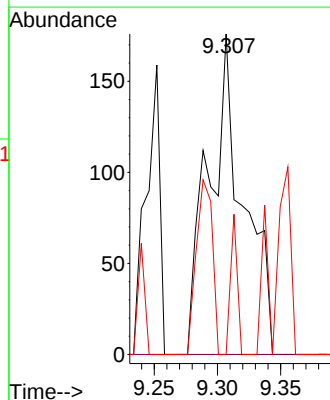
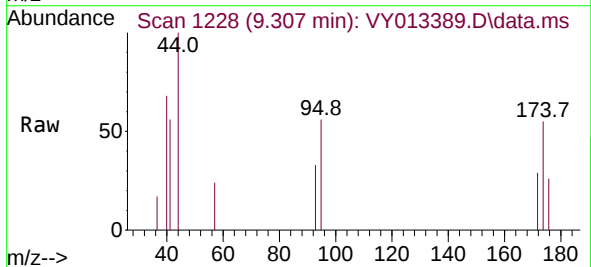
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

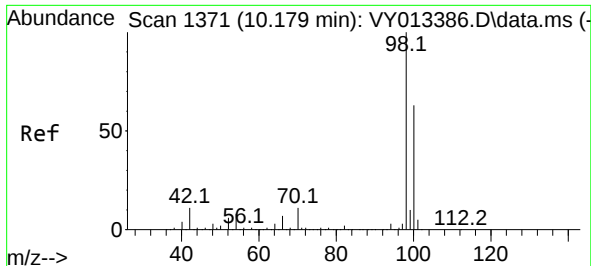
Tgt Ion: 83 Resp: 286
Ion Ratio Lower Upper
83 100
85 62.3 51.4 77.2
127 0.0 8.1 12.1#



#48
Methyl methacrylate
Concen: 116.707 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.018 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 41 Resp: 334
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 8.4 47.9 71.9#

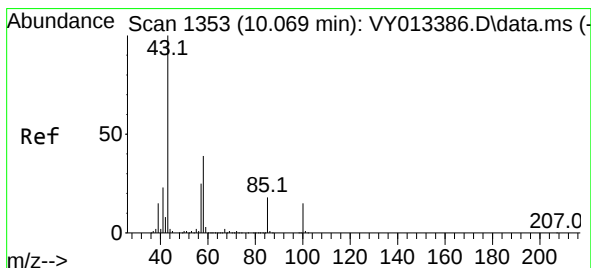
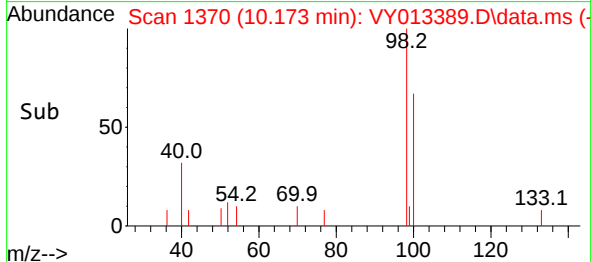
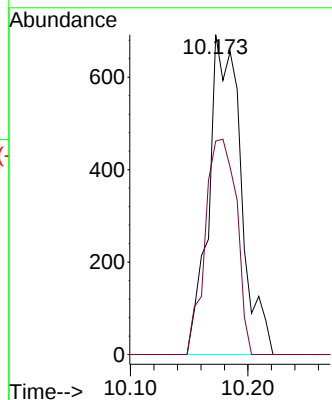
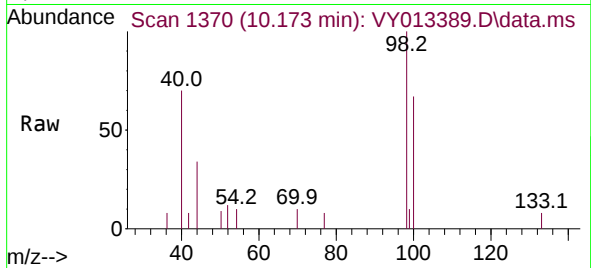




#50
Toluene-d8
Concen: 109.016 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

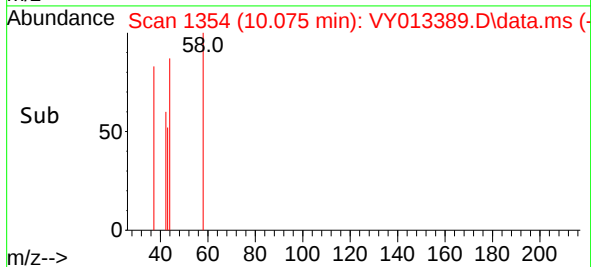
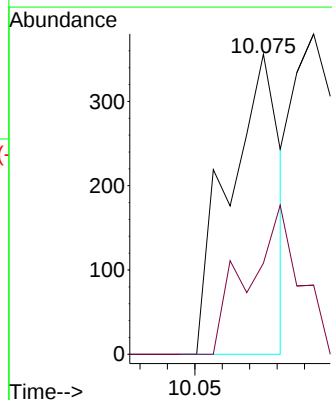
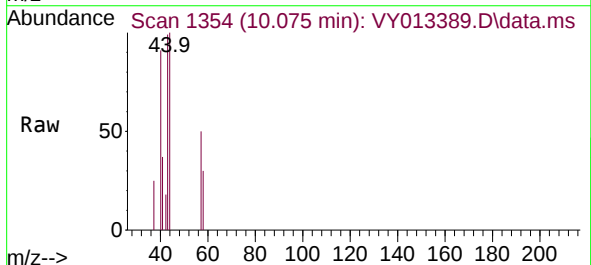
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

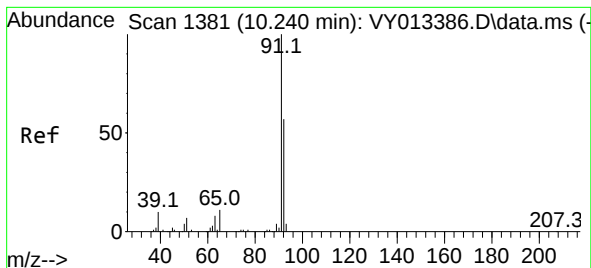
Tgt Ion: 98 Resp: 1313
Ion Ratio Lower Upper
98 100
100 65.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 132.614 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 50.3 30.6 46.0#





#52

Toluene

Concen: 88.022 ug/l

RT: 10.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

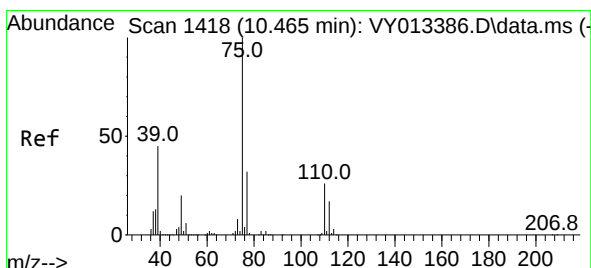
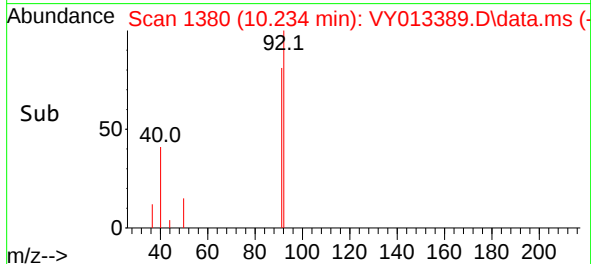
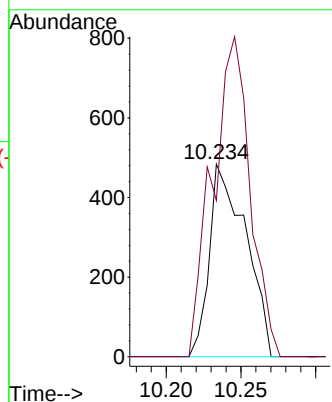
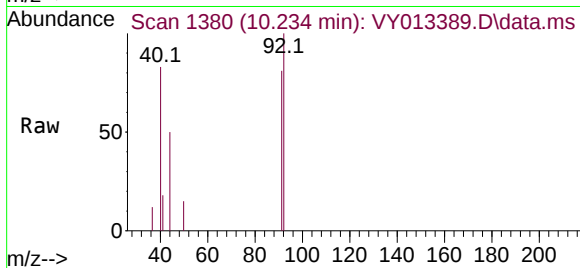
VIBLK

Tgt Ion: 92 Resp: 818

Ion Ratio Lower Upper

92 100

91 171.6 140.2 210.4



#53

t-1,3-Dichloropropene

Concen: 112.263 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.006 min

Lab File: VY013389.D

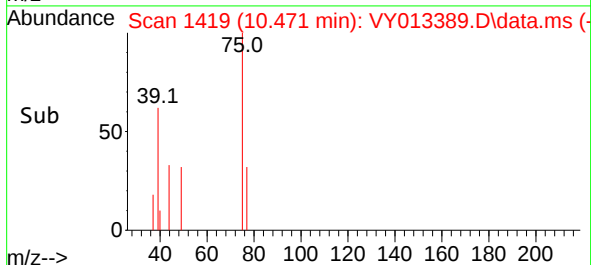
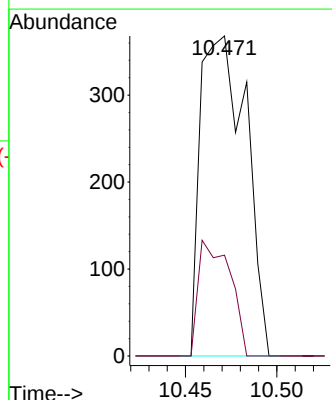
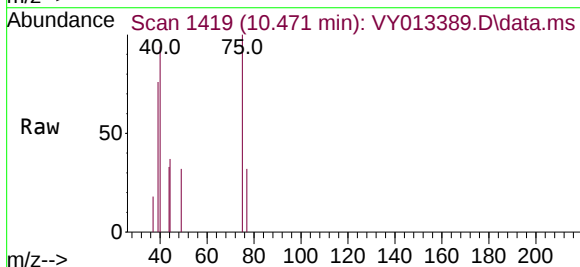
Acq: 21 Apr 2023 18:42

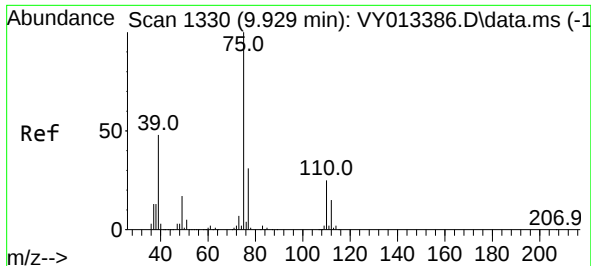
Tgt Ion: 75 Resp: 637

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8

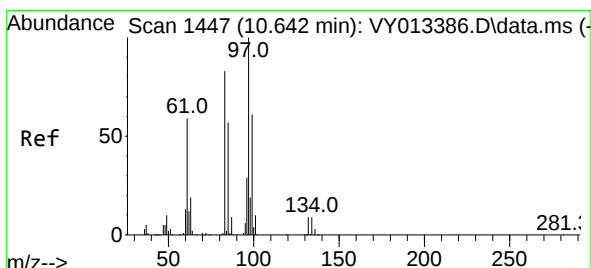
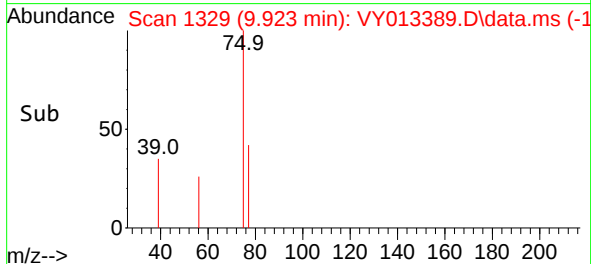
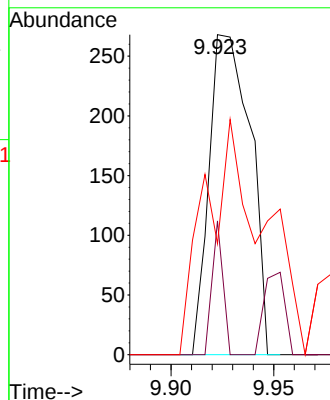
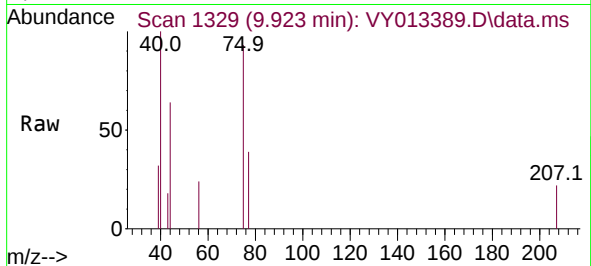




#54
 cis-1,3-Dichloropropene
 Concen: 60.802 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013389.D
 Acq: 21 Apr 2023 18:42

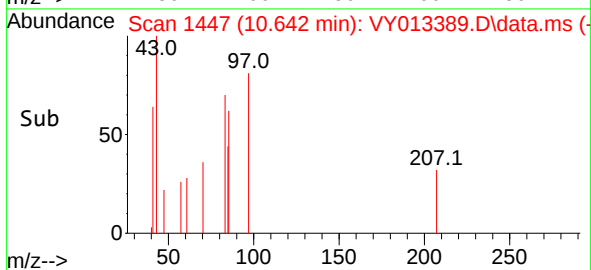
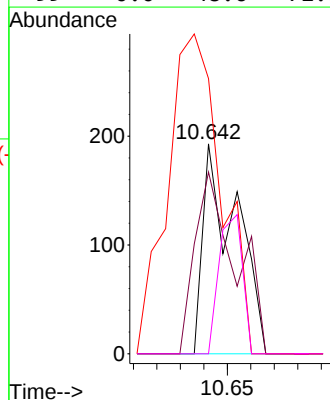
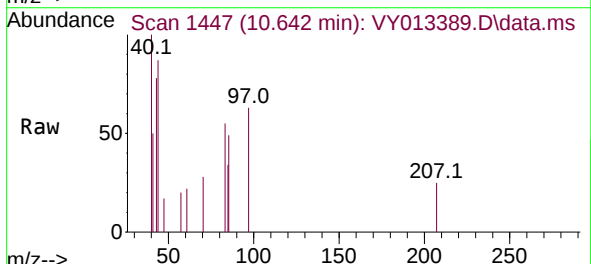
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

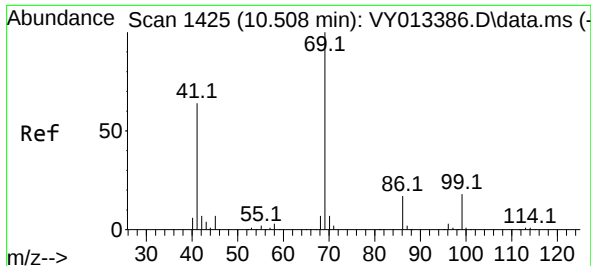
Tgt Ion:	75	Resp:	374
Ion	Ratio	Lower	Upper
75	100		
77	41.8	24.8	37.2#
39	34.7	38.1	57.1#



#55
 1,1,2-Trichloroethane
 Concen: 58.354 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY013389.D
 Acq: 21 Apr 2023 18:42

Tgt Ion:	97	Resp:	191
Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.4	99.6
85	131.1	45.6	68.4#
99	0.0	48.6	72.8#

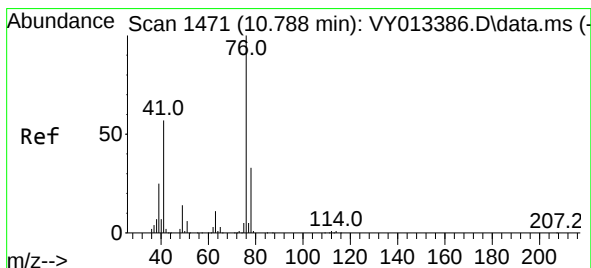
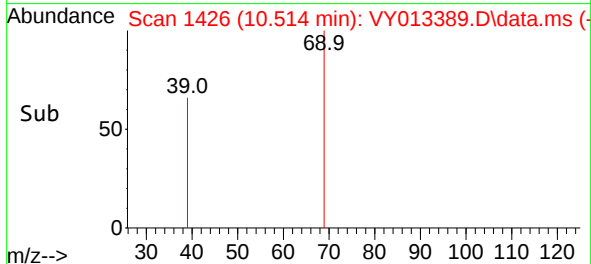
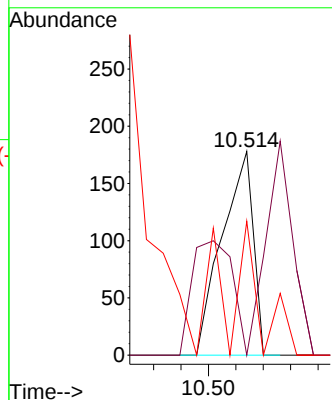
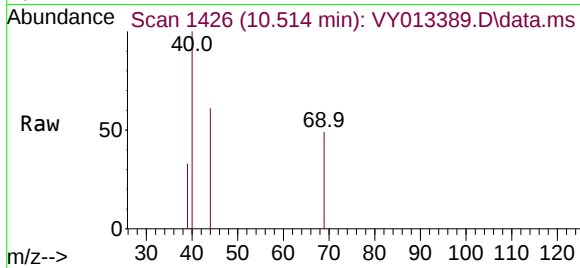




#56
Ethyl methacrylate
Concen: 32.211 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

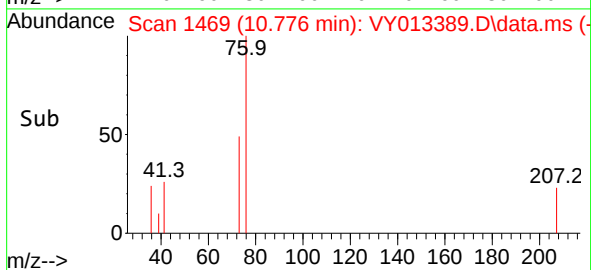
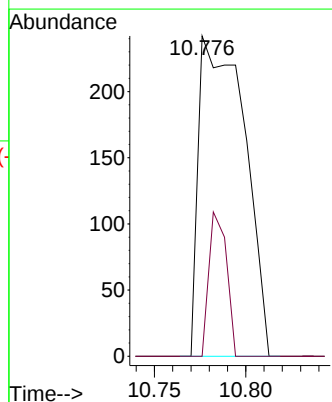
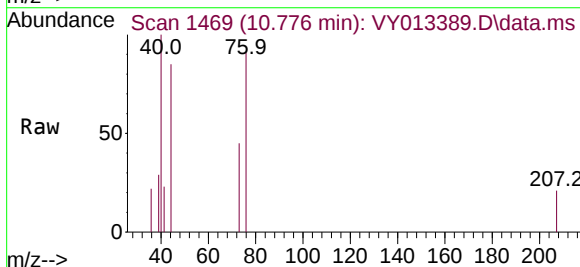
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

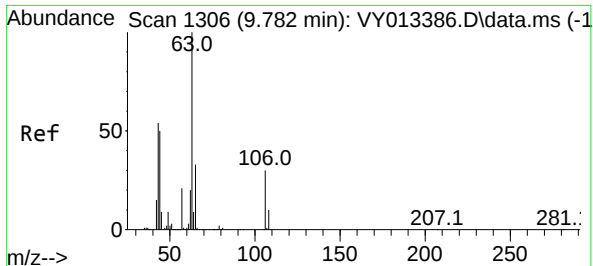
Tgt Ion: 69 Resp: 140
Ion Ratio Lower Upper
69 100
41 72.9 51.4 77.0
39 29.3 29.0 43.6



#57
1,3-Dichloropropane
Concen: 79.374 ug/l
RT: 10.776 min Scan# 1469
Delta R.T. -0.012 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 76 Resp: 420
Ion Ratio Lower Upper
76 100
78 17.4 26.5 39.7#

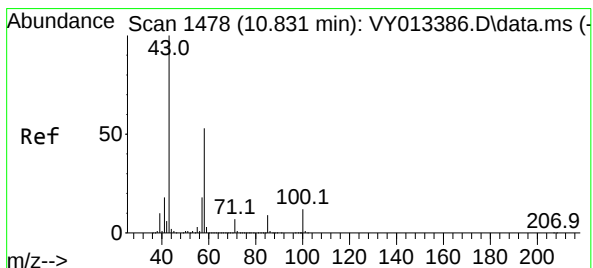
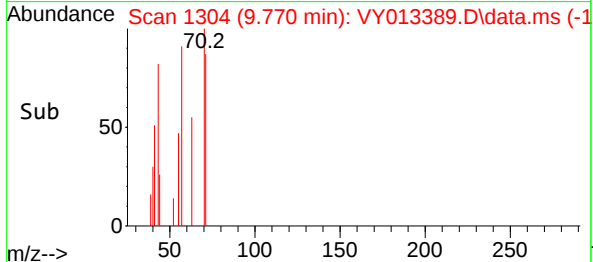
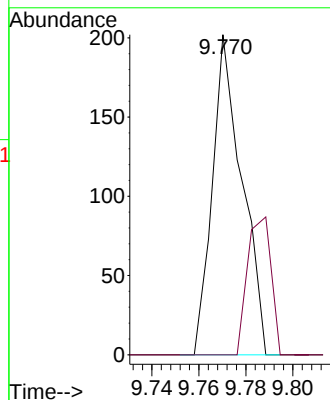
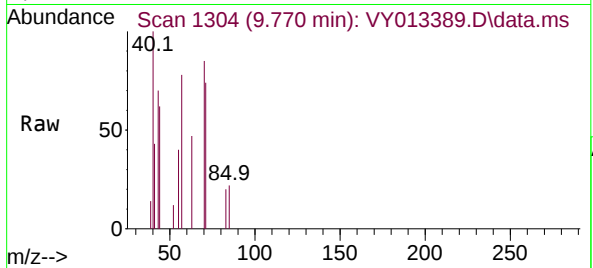




#58
2-Chloroethyl Vinyl ether
Concen: 108.469 ug/l
RT: 9.770 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

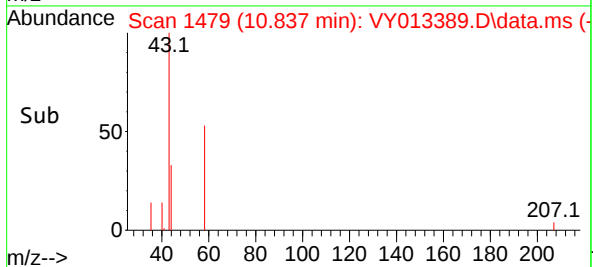
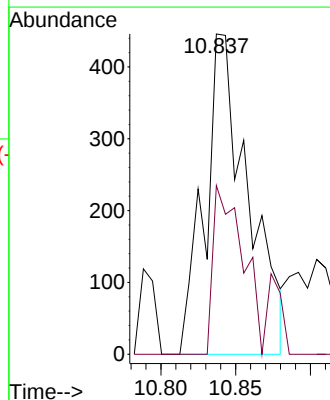
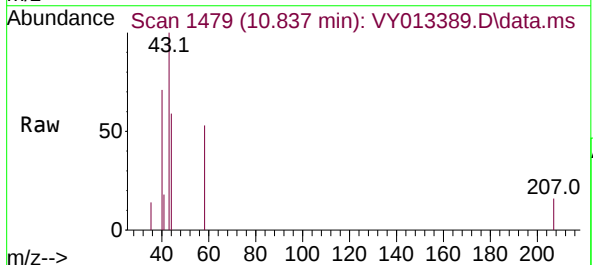
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

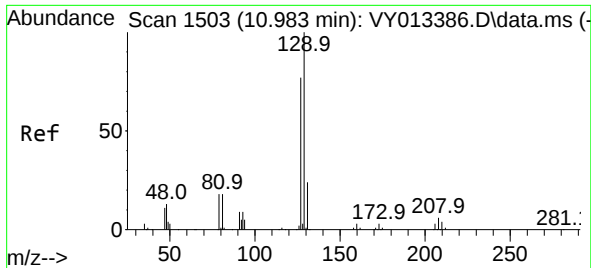
Tgt Ion: 63 Resp: 176
Ion Ratio Lower Upper
63 100
106 34.7 23.5 35.3



#59
2-Hexanone
Concen: 340.425 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 36.1 26.3 78.8

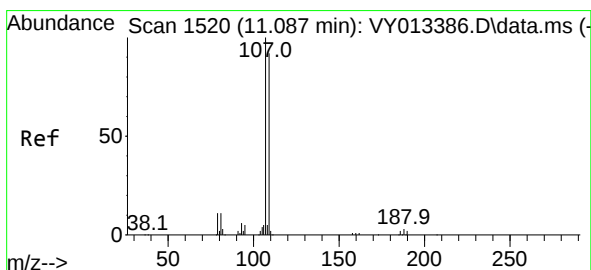
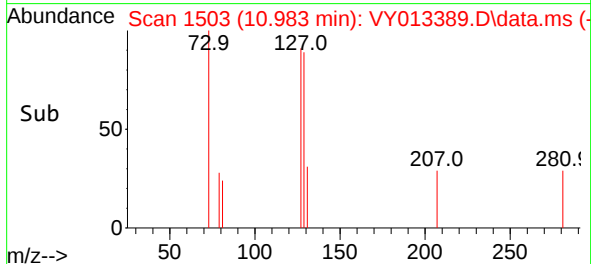
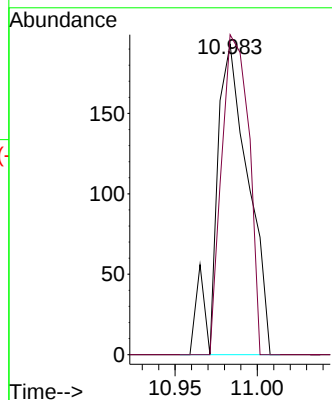
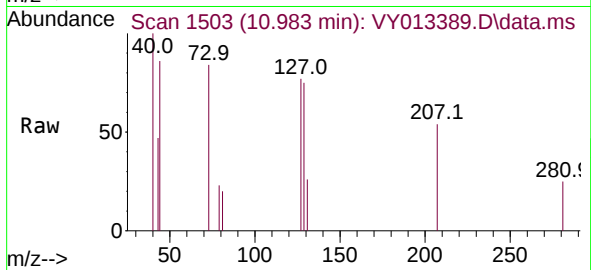




#60
Dibromochloromethane
Concen: 64.083 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

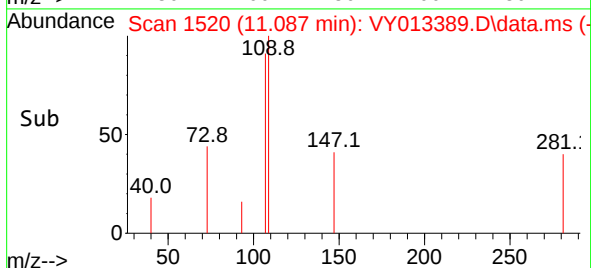
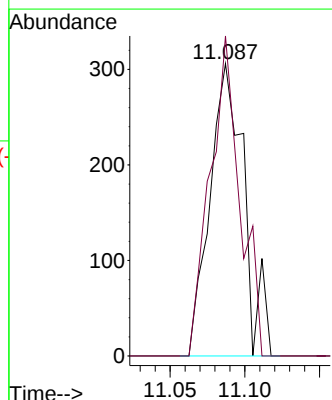
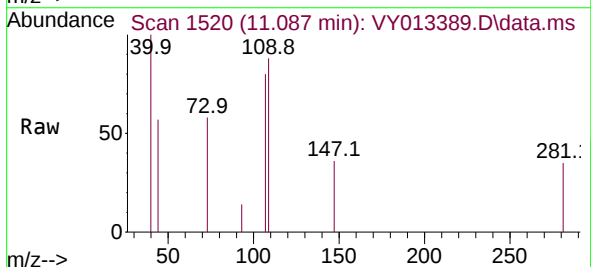
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

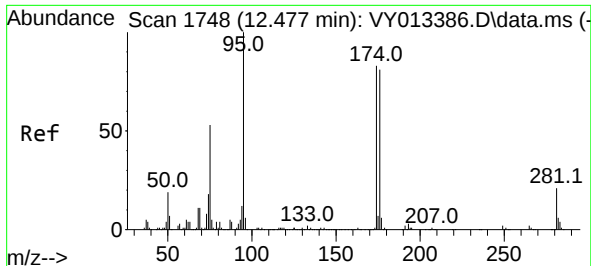
Tgt Ion:129 Resp: 263
Ion Ratio Lower Upper
129 100
127 87.1 38.7 116.1



#61
1,2-Dibromoethane
Concen: 149.584 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion:107 Resp: 484
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4

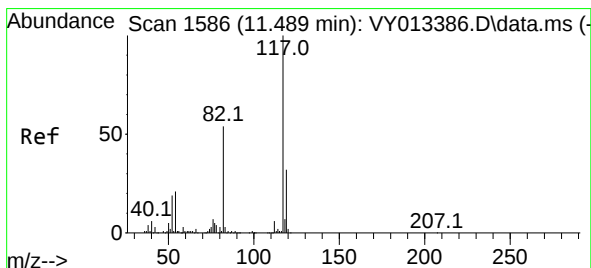
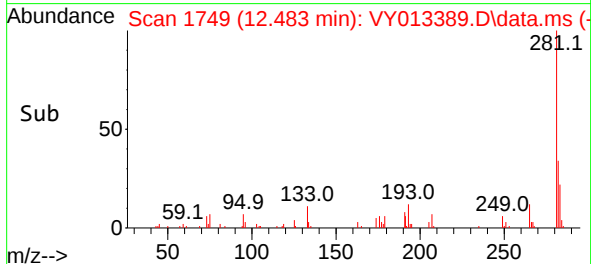
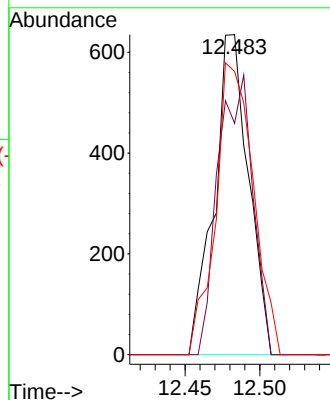
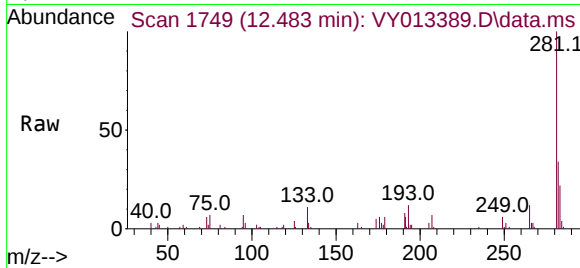




#62
4-Bromofluorobenzene
Concen: 253.359 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

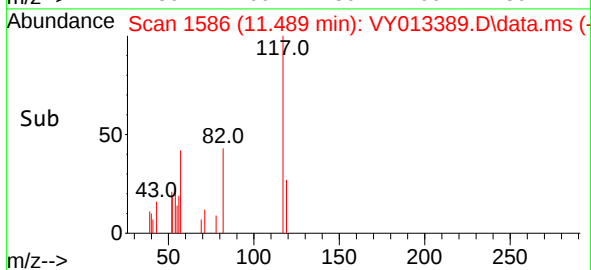
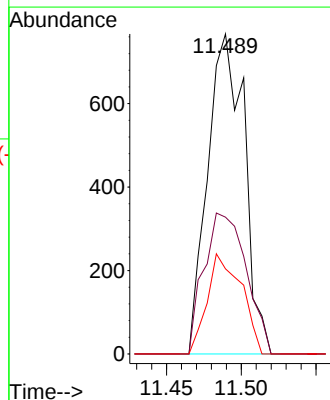
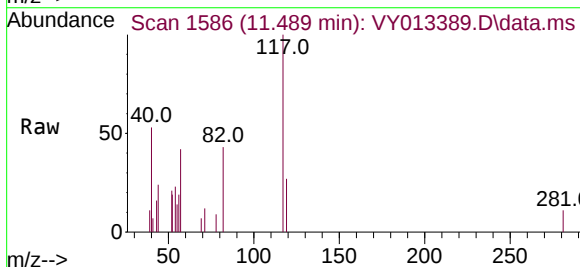
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

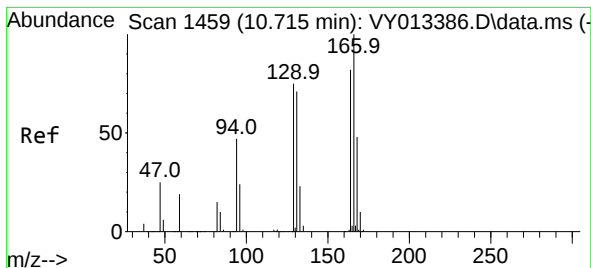
Tgt Ion:	95	Resp:	1016
Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	182.0
176	100.0	0.0	175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion:	117	Resp:	1309
Ion	Ratio	Lower	Upper
117	100		
82	42.8	43.0	64.6#
119	26.6	25.5	38.3





#64

Tetrachloroethene

Concen: 45.624 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion:164 Resp: 451

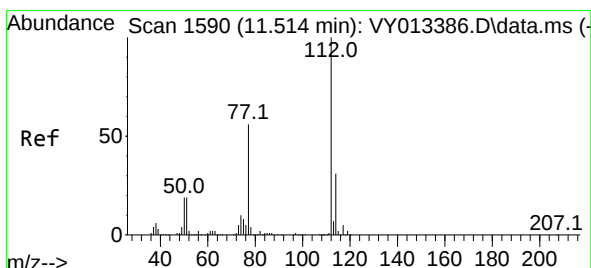
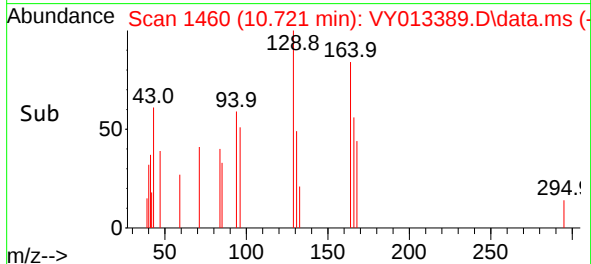
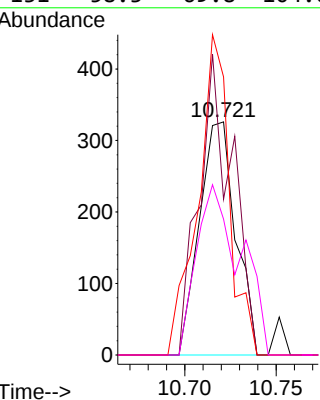
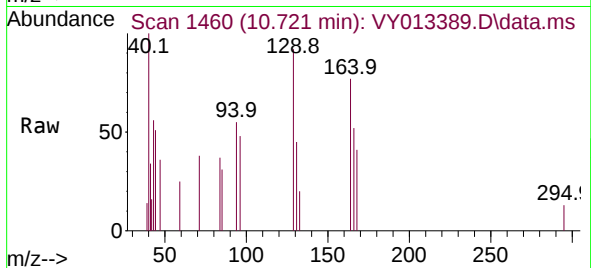
Ion Ratio Lower Upper

164 100

166 66.9 97.5 146.3#

129 119.3 72.6 109.0#

131 58.3 69.8 104.6#



#65

Chlorobenzene

Concen: 48.624 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY013389.D

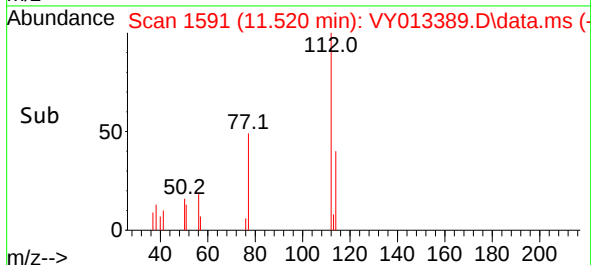
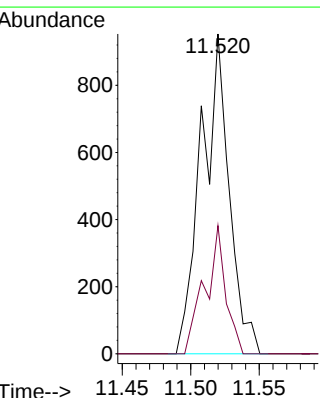
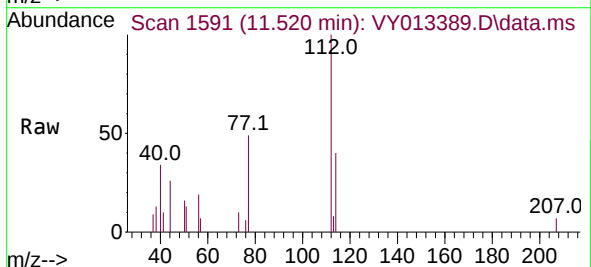
Acq: 21 Apr 2023 18:42

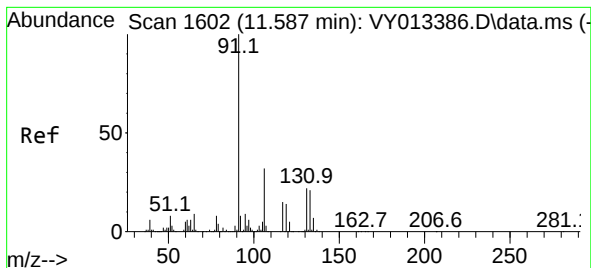
Tgt Ion:112 Resp: 1350

Ion Ratio Lower Upper

112 100

114 40.1 24.9 37.3#

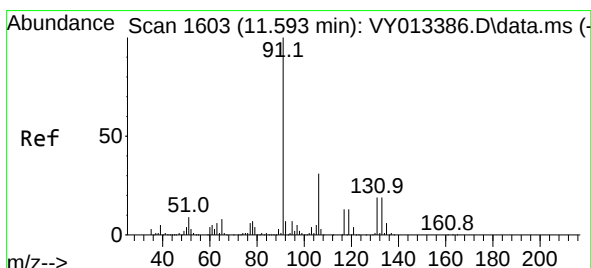
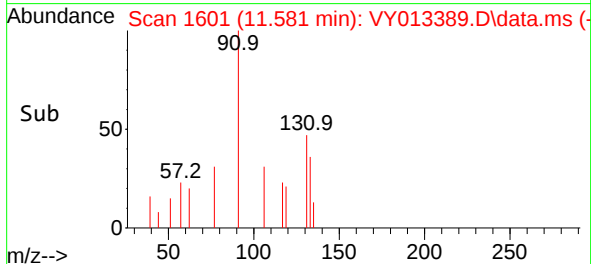
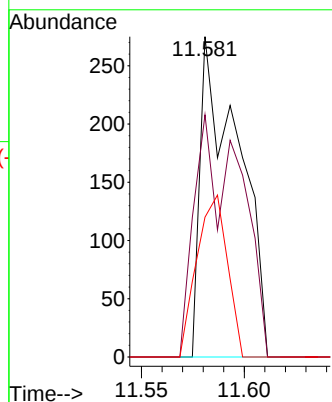
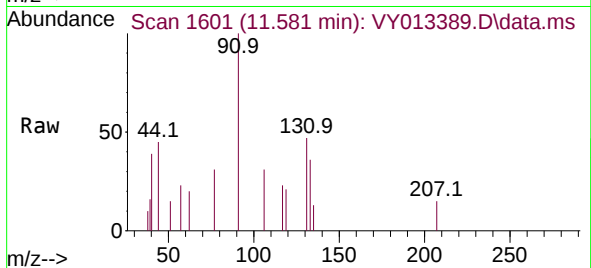




#66
 1,1,1,2-Tetrachloroethane
 Concen: 33.690 ug/l
 RT: 11.581 min Scan# 1601
 Delta R.T. -0.006 min
 Lab File: VY013389.D
 Acq: 21 Apr 2023 18:42

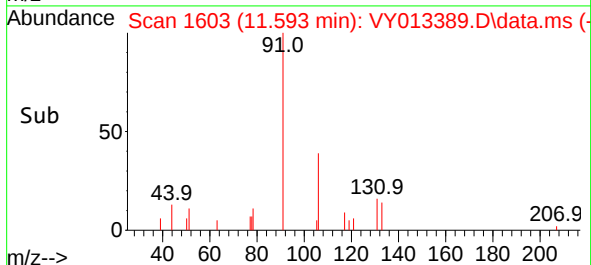
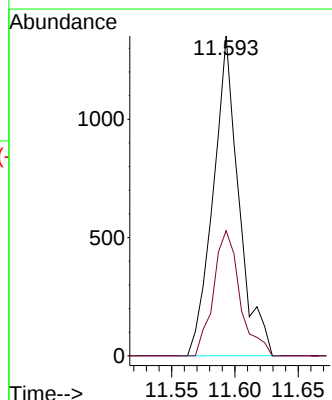
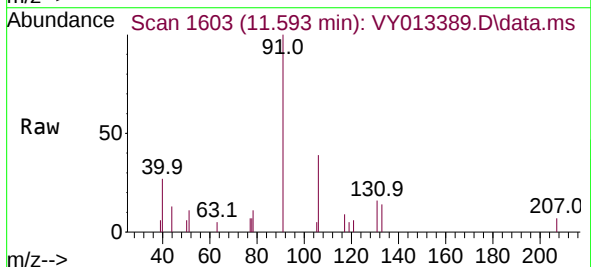
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

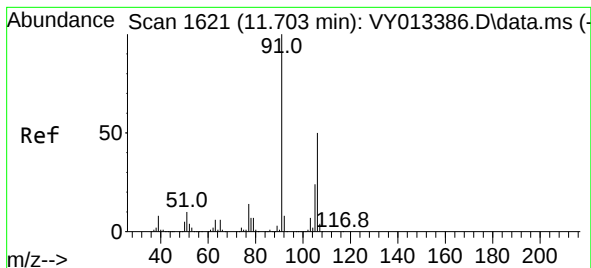
Tgt Ion:131 Resp: 355
 Ion Ratio Lower Upper
 131 100
 133 45.1 47.7 143.1#
 119 40.3 32.6 98.0



#67
 Ethyl Benzene
 Concen: 40.463 ug/l
 RT: 11.593 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: VY013389.D
 Acq: 21 Apr 2023 18:42

Tgt Ion: 91 Resp: 1905
 Ion Ratio Lower Upper
 91 100
 106 39.1 25.1 37.7#

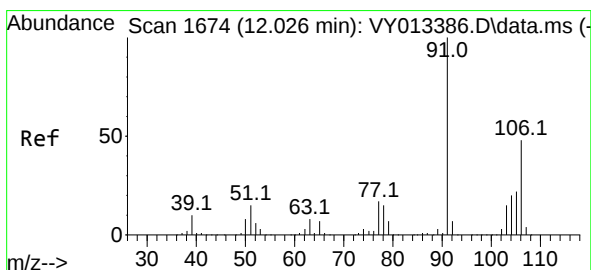
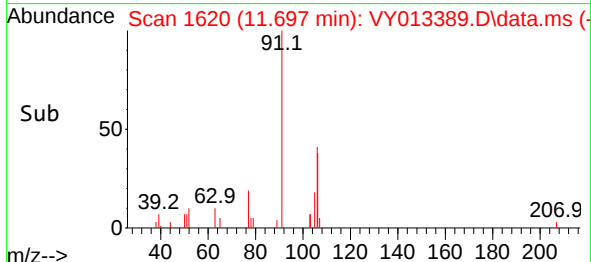
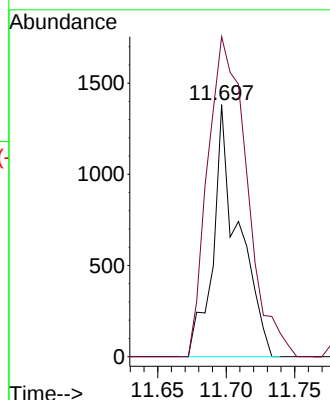
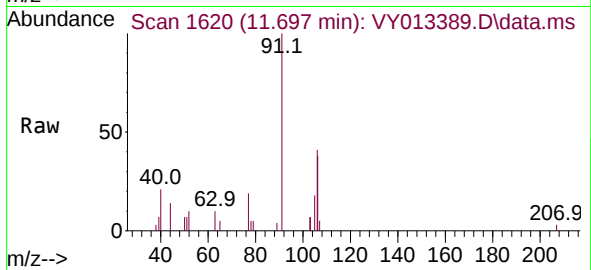




#68
m/p-Xylenes
Concen: 97.296 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

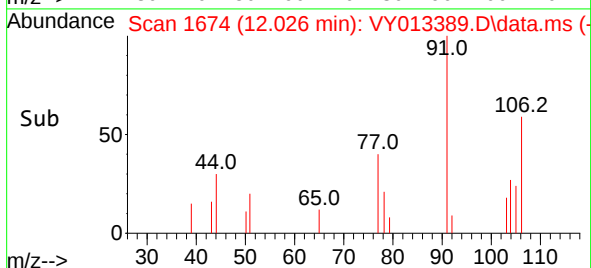
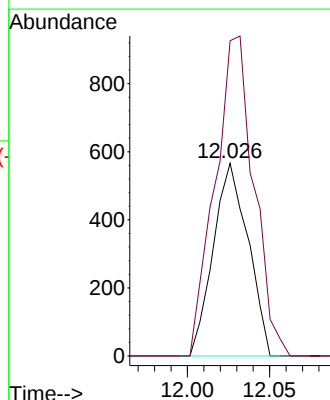
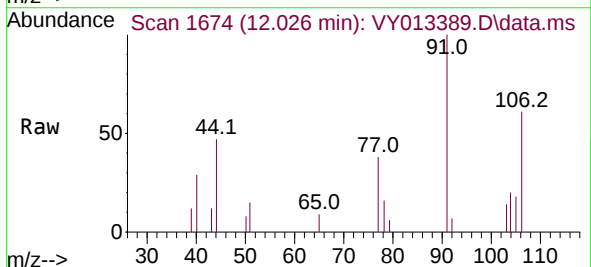
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

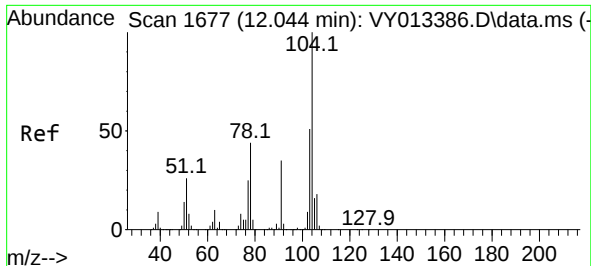
Tgt Ion:106 Resp: 1785
Ion Ratio Lower Upper
106 100
91 195.9 160.9 241.3



#69
o-Xylene
Concen: 48.636 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion:106 Resp: 834
Ion Ratio Lower Upper
106 100
91 185.0 105.5 316.4

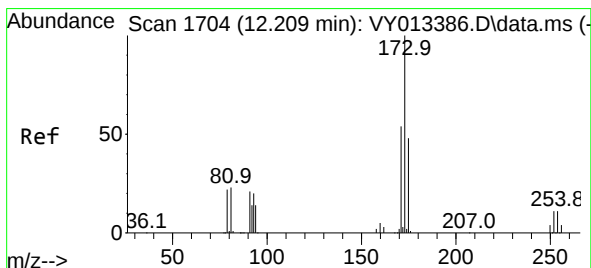
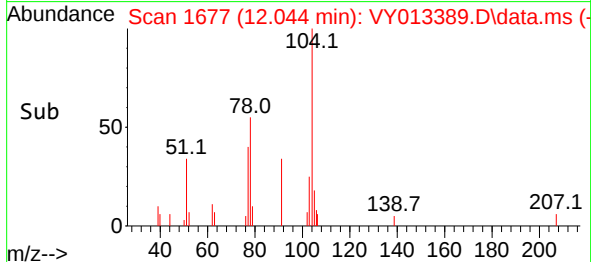
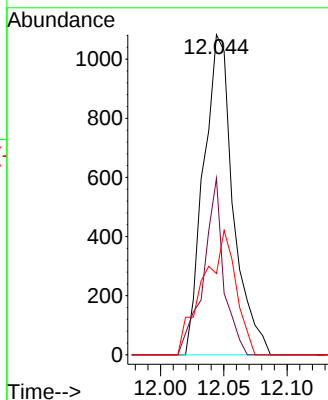
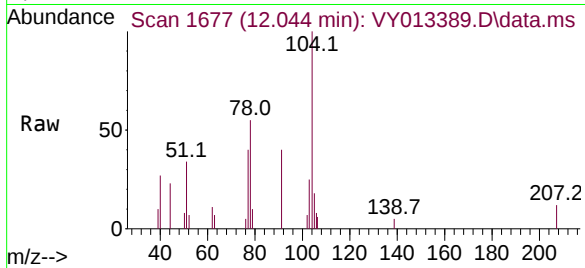




#70
Styrene
Concen: 61.263 ug/l
RT: 12.044 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

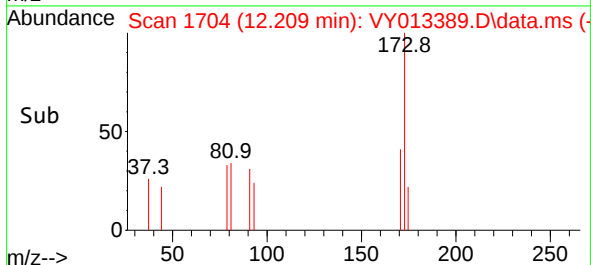
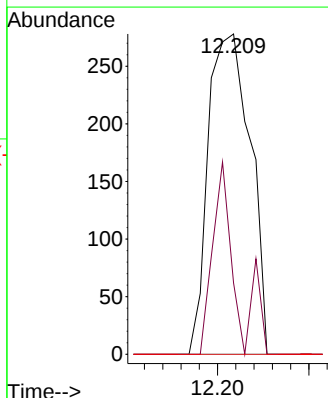
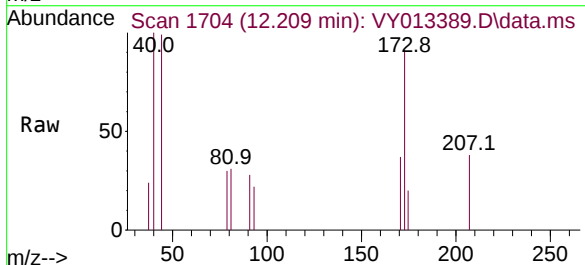
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

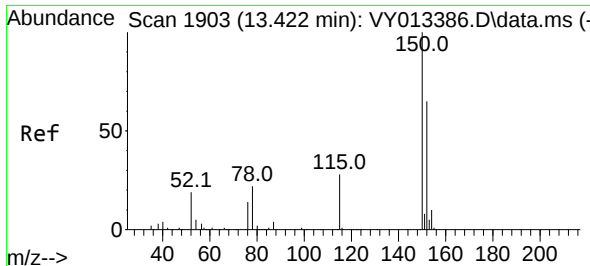
Tgt Ion:104 Resp: 1757
Ion Ratio Lower Upper
104 100
78 37.7 40.3 60.5#
103 42.9 45.0 67.4#



#71
Bromoform
Concen: 56.993 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion:173 Resp: 444
Ion Ratio Lower Upper
173 100
175 25.9 24.3 72.8
254 0.0 0.2 0.2#

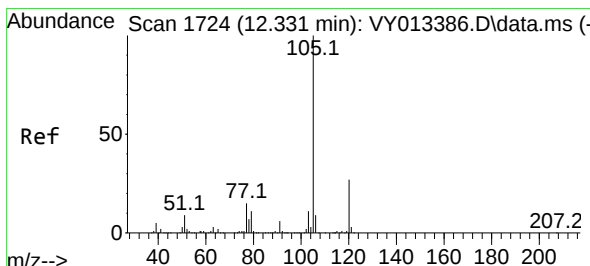
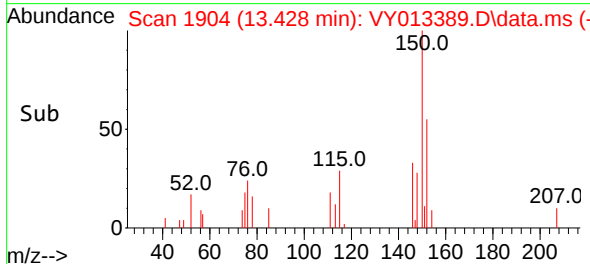
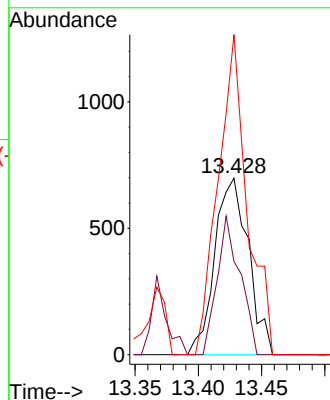
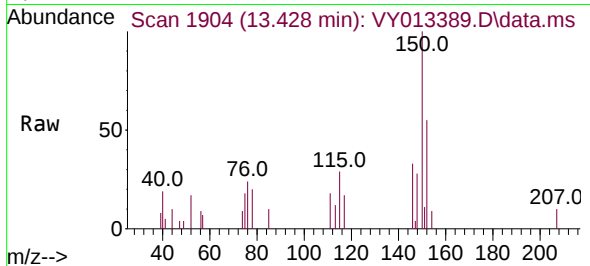




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

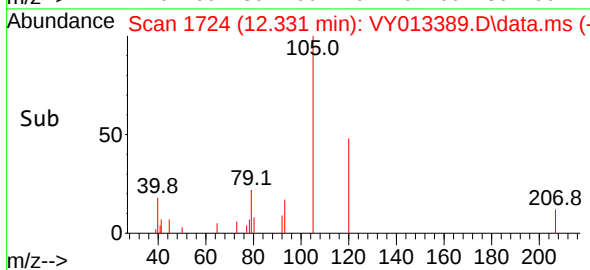
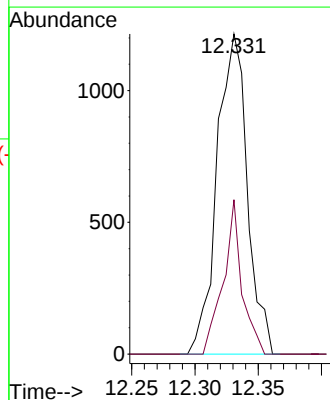
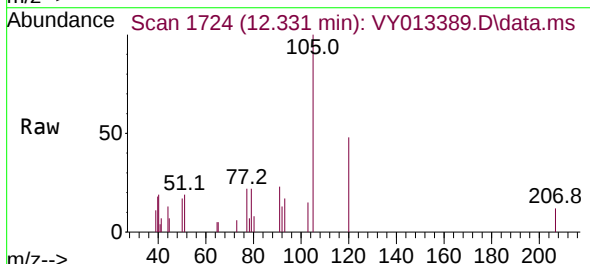
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

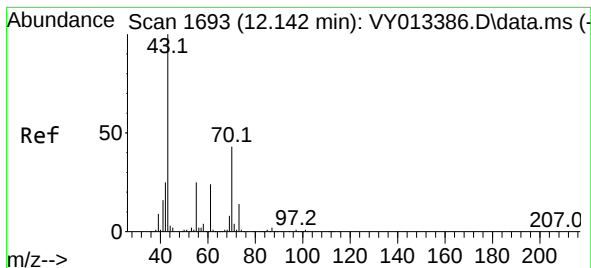
Tgt Ion:152 Resp: 1291
Ion Ratio Lower Upper
152 100
115 53.5 28.1 84.2
150 156.5 0.0 352.0



#73
Isopropylbenzene
Concen: 23.175 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion:105 Resp: 2020
Ion Ratio Lower Upper
105 100
120 29.8 13.7 41.0





#74

N-amy1 acetate

Concen: 8.691 ug/l

RT: 12.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion: 43 Resp: 236

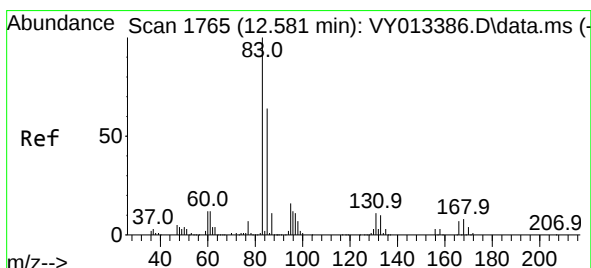
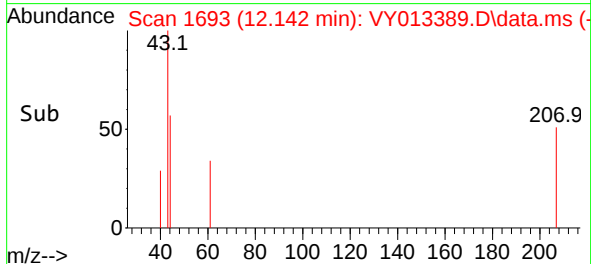
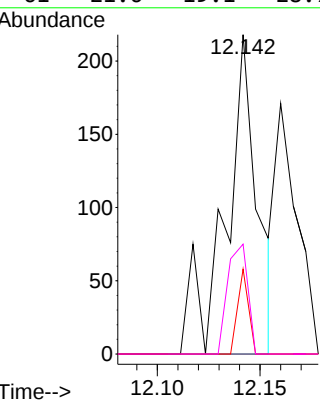
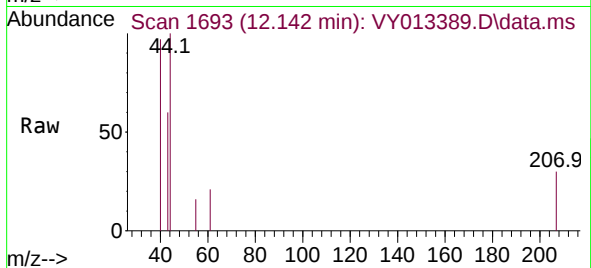
Ion Ratio Lower Upper

43 100

70 0.0 33.0 49.4#

55 8.9 19.8 29.6#

61 21.6 19.1 28.7



#75

1,1,2,2-Tetrachloroethane

Concen: 29.501 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

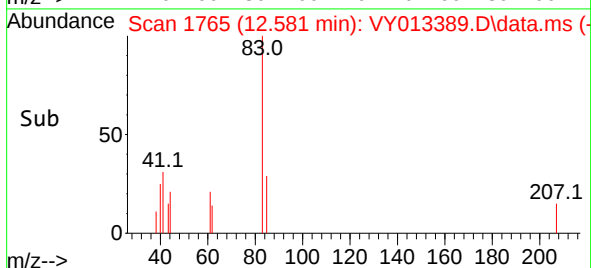
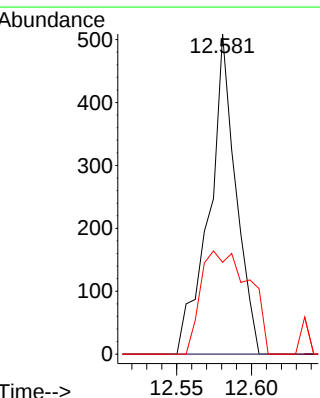
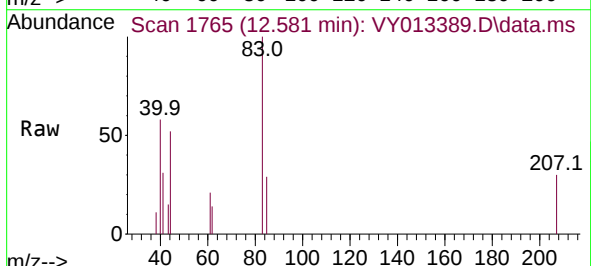
Tgt Ion: 83 Resp: 628

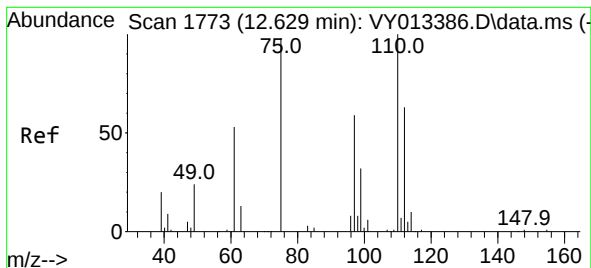
Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

85 58.6 31.8 95.4





#76

1,2,3-Trichloropropane

Concen: 67.157 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

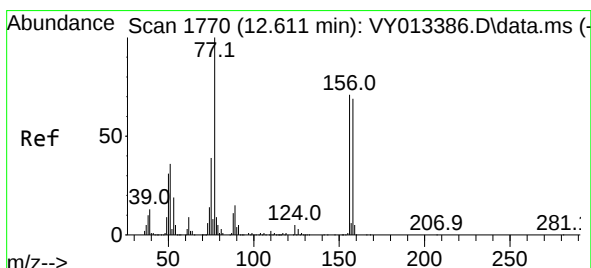
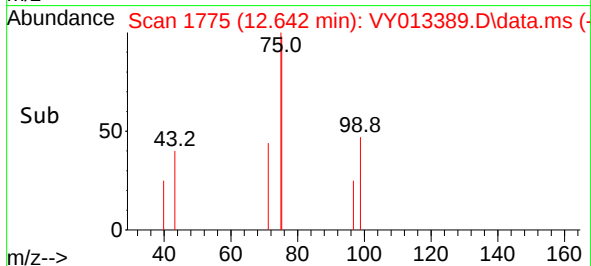
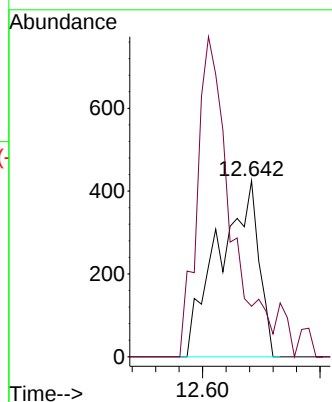
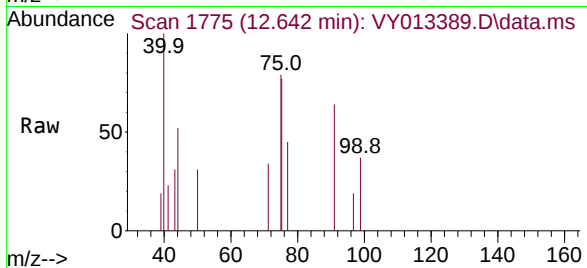
VIBLK

Tgt Ion: 75 Resp: 1005

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 41.452 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

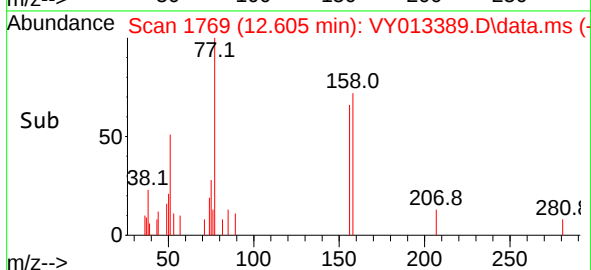
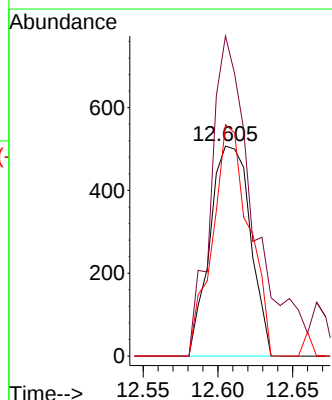
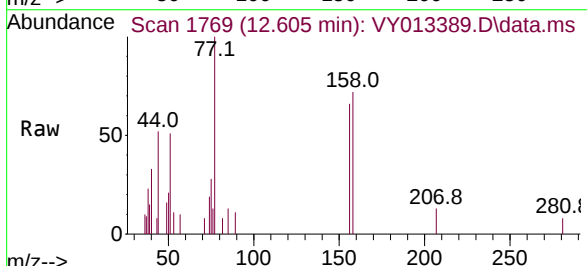
Tgt Ion: 156 Resp: 950

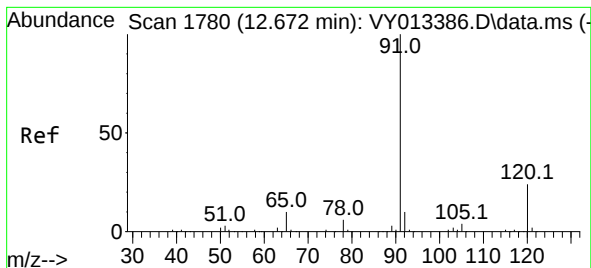
Ion Ratio Lower Upper

156 100

77 160.6 87.6 262.9

158 100.1 48.5 145.5





#78

n-propylbenzene

Concen: 30.075 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

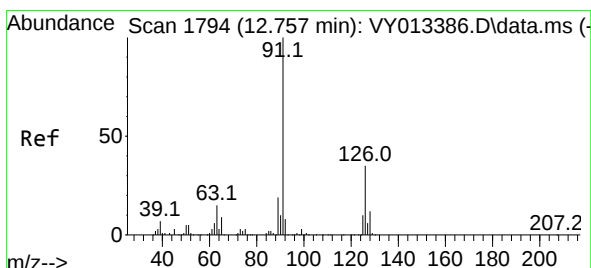
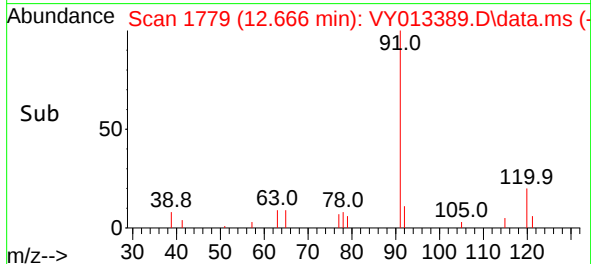
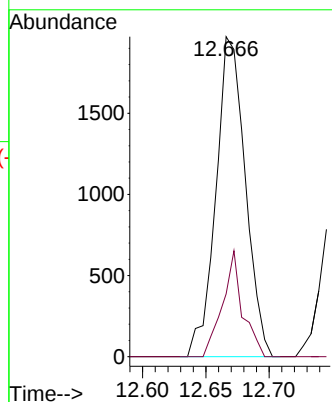
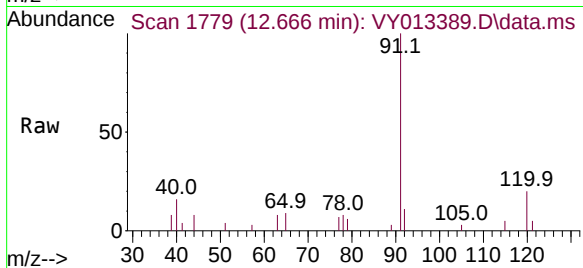
VIBLK

Tgt Ion: 91 Resp: 3188

Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.9



#79

2-Chlorotoluene

Concen: 33.053 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VY013389.D

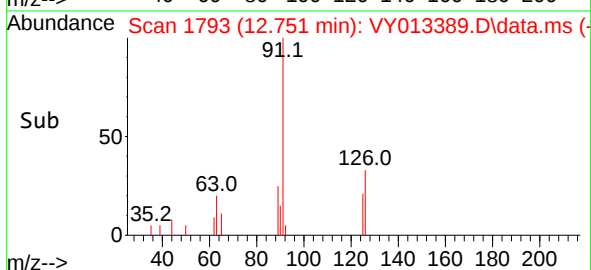
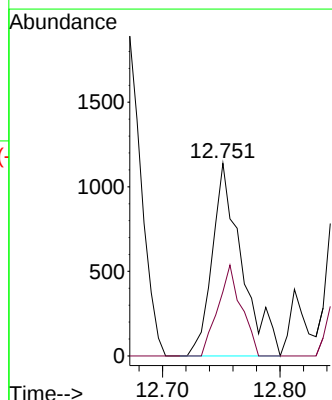
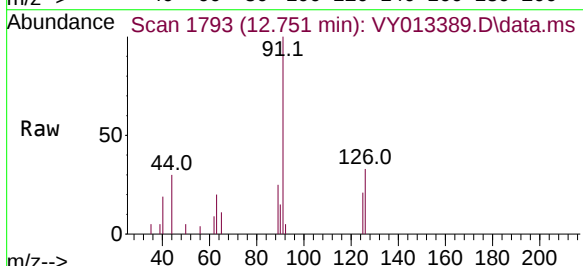
Acq: 21 Apr 2023 18:42

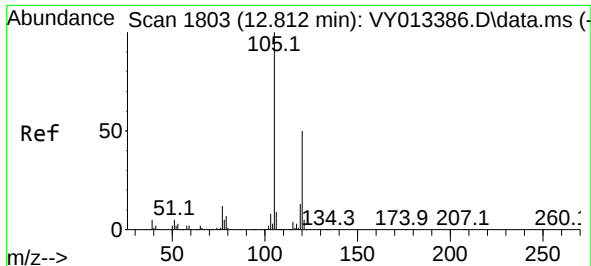
Tgt Ion: 91 Resp: 1994

Ion Ratio Lower Upper

91 100

126 37.3 17.8 53.4

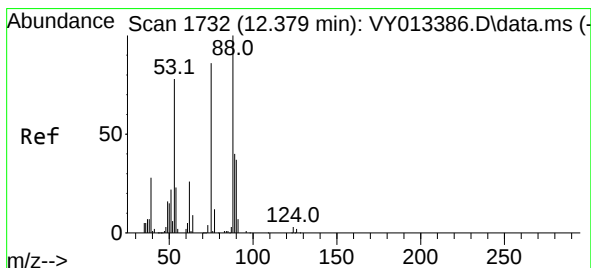
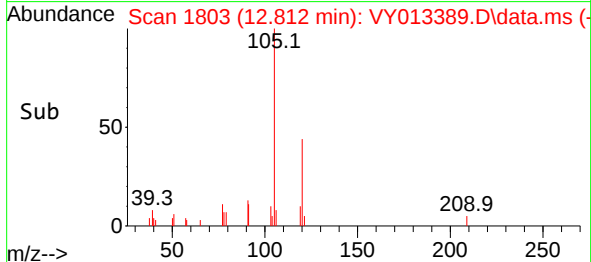
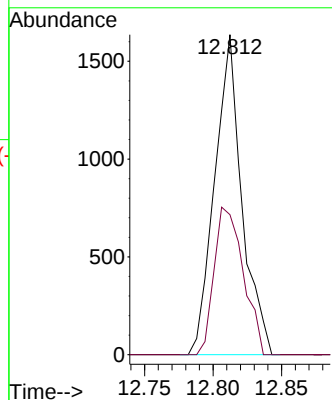
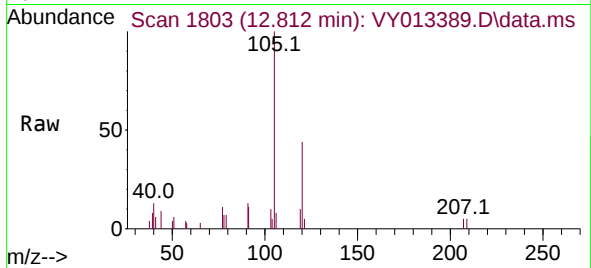




#80
 1,3,5-Trimethylbenzene
 Concen: 30.931 ug/l
 RT: 12.812 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY013389.D
 Acq: 21 Apr 2023 18:42

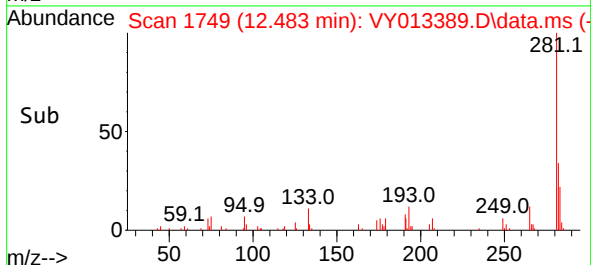
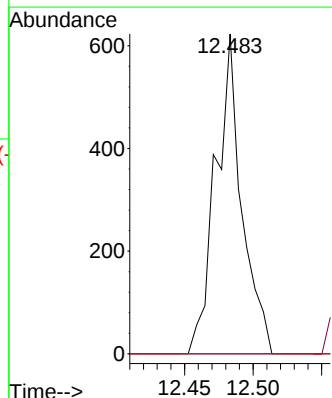
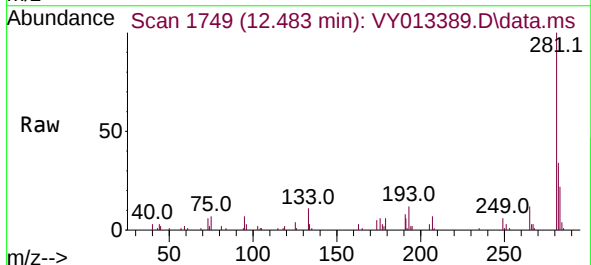
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

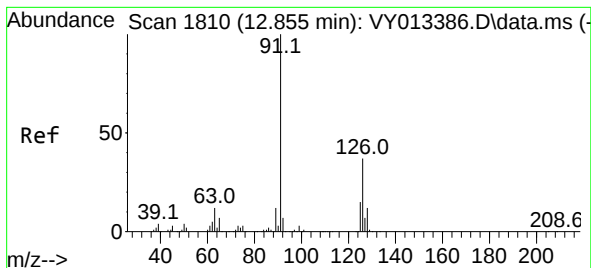
Tgt Ion:105 Resp: 2258
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.808 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY013389.D
 Acq: 21 Apr 2023 18:42

Tgt Ion: 75 Resp: 825
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.0 38.0 57.0#

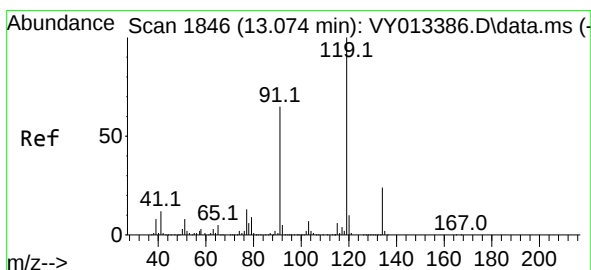
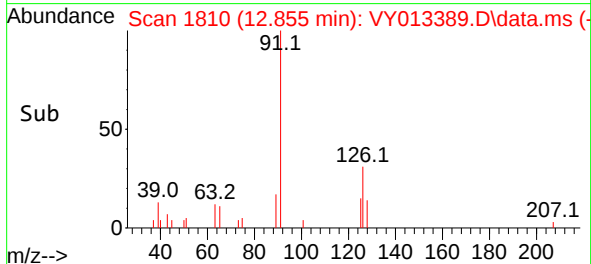
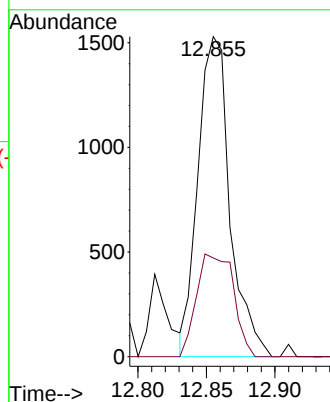
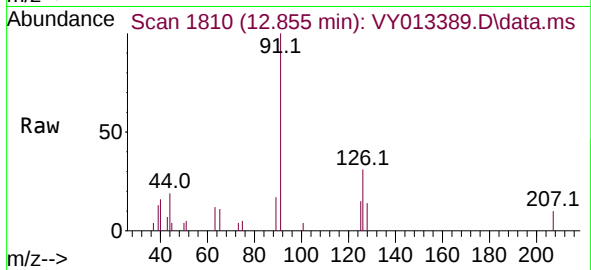




#82
4-Chlorotoluene
Concen: 39.512 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

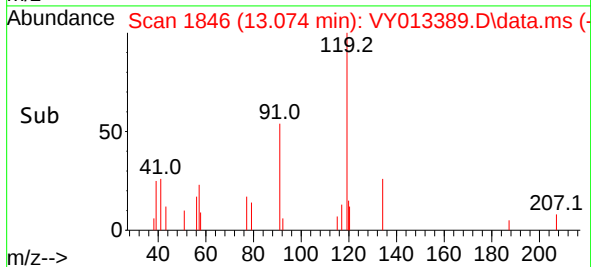
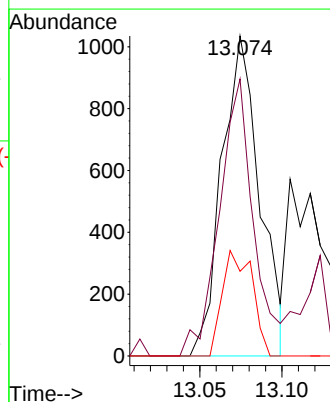
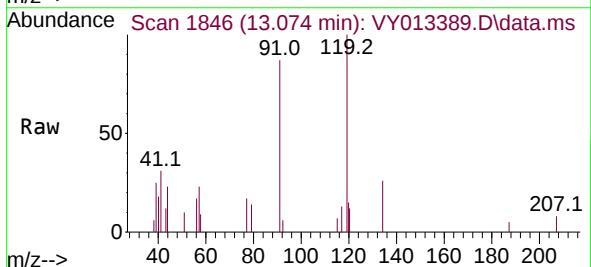
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

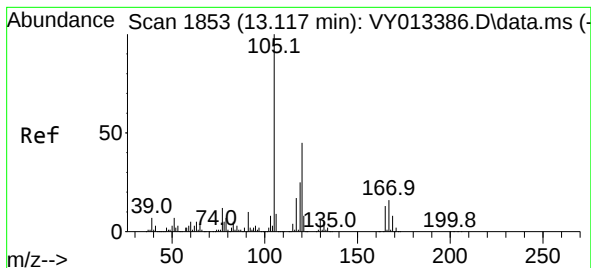
Tgt Ion: 91 Resp: 2484
Ion Ratio Lower Upper
91 100
126 36.9 17.9 53.8



#83
tert-Butylbenzene
Concen: 26.248 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 119 Resp: 1659
Ion Ratio Lower Upper
119 100
91 77.8 32.2 96.6
134 26.0 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 38.244 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

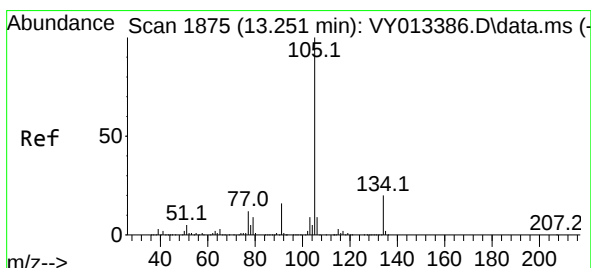
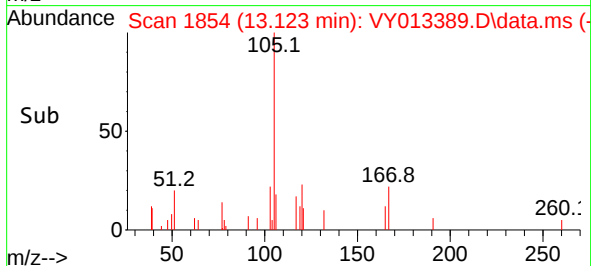
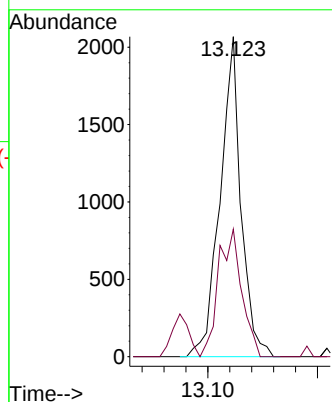
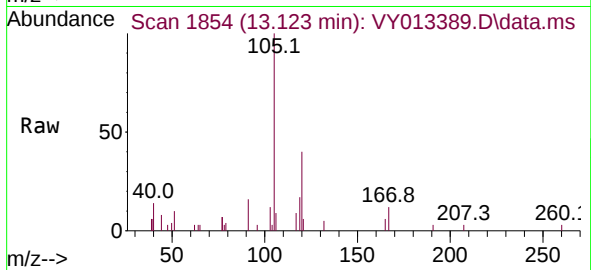
VIBLK

Tgt Ion:105 Resp: 2739

Ion Ratio Lower Upper

105 100

120 44.2 22.3 66.9



#85

sec-Butylbenzene

Concen: 31.008 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013389.D

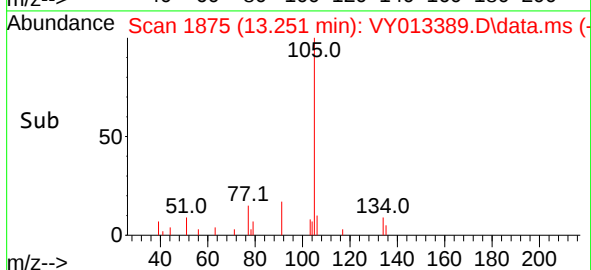
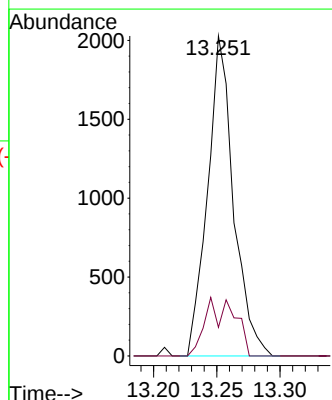
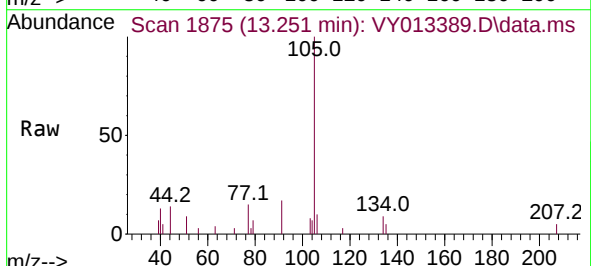
Acq: 21 Apr 2023 18:42

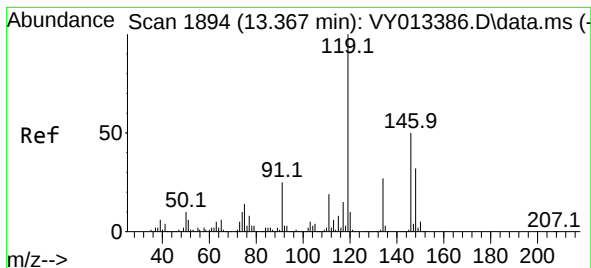
Tgt Ion:105 Resp: 2894

Ion Ratio Lower Upper

105 100

134 10.0 10.3 30.9#





#86

p-Isopropyltoluene

Concen: 39.525 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

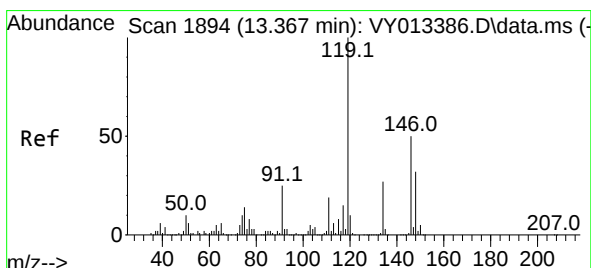
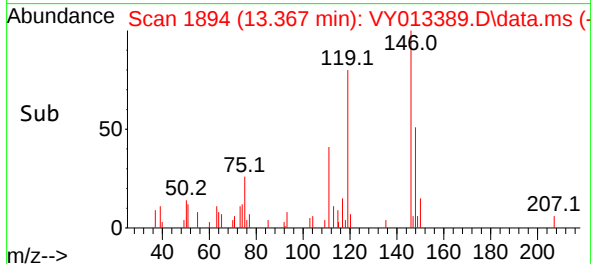
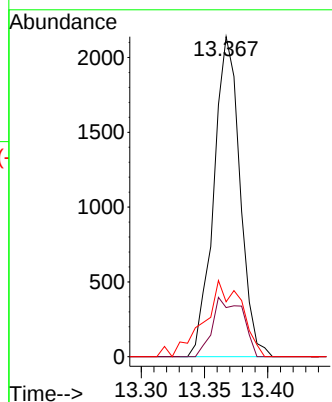
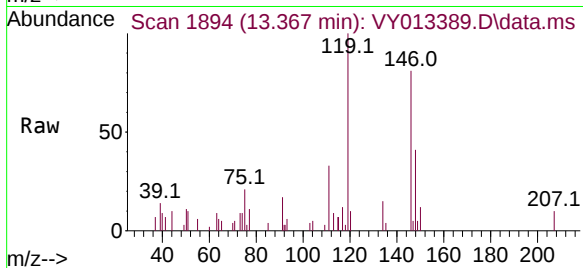
Tgt Ion:119 Resp: 3081

Ion Ratio Lower Upper

119 100

134 21.0 13.4 40.2

91 34.3 12.1 36.3



#87

1,3-Dichlorobenzene

Concen: 60.983 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

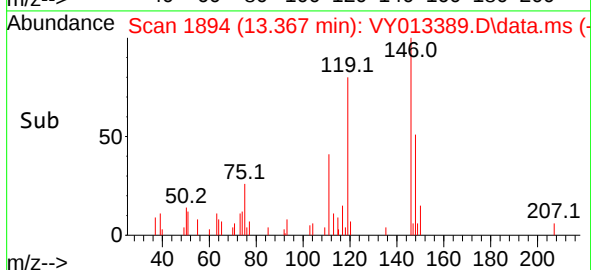
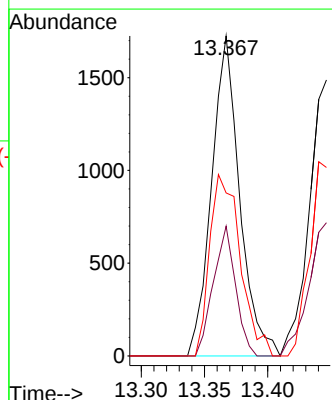
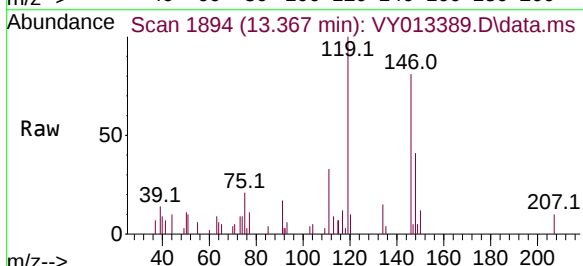
Tgt Ion:146 Resp: 2654

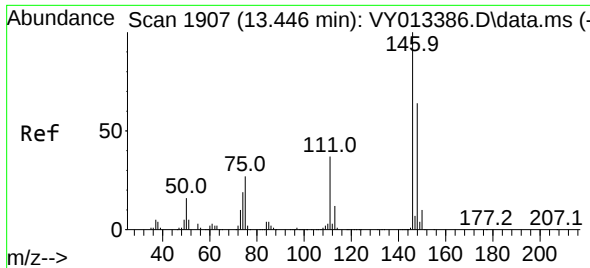
Ion Ratio Lower Upper

146 100

111 32.1 19.3 57.9

148 61.9 31.9 95.7

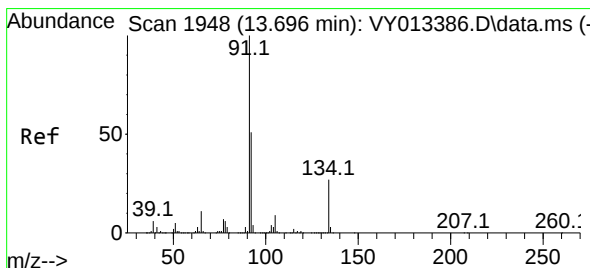
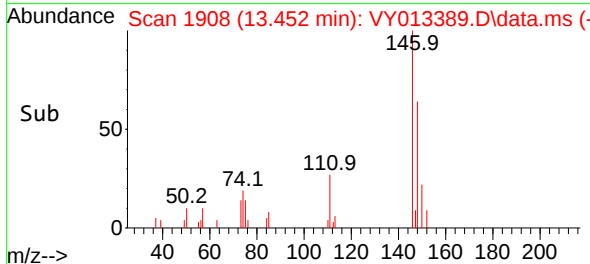
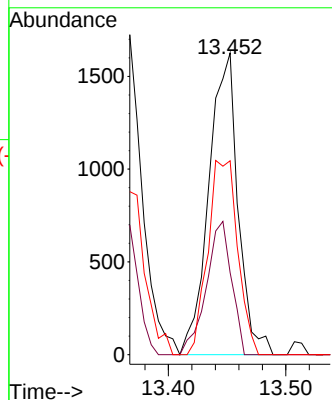
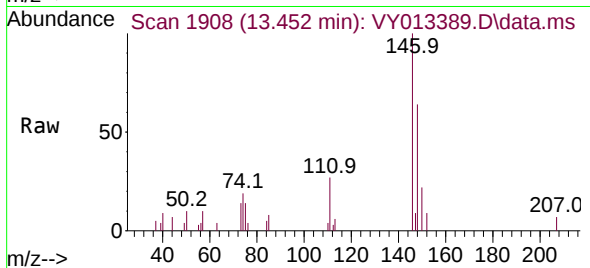




#88
1,4-Dichlorobenzene
Concen: 63.916 ug/l
RT: 13.452 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

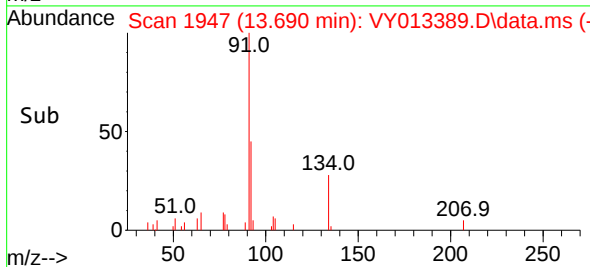
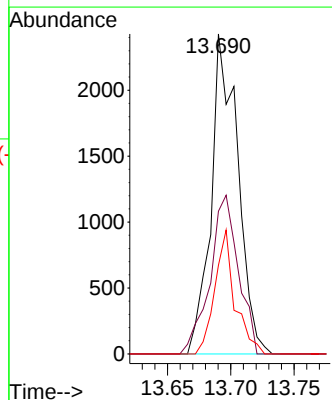
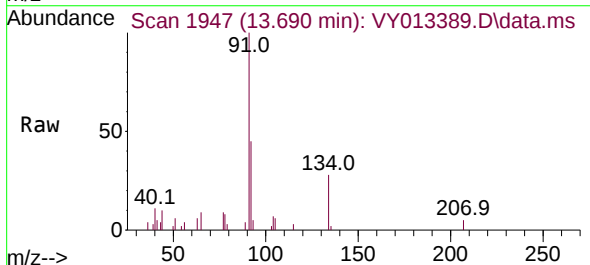
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

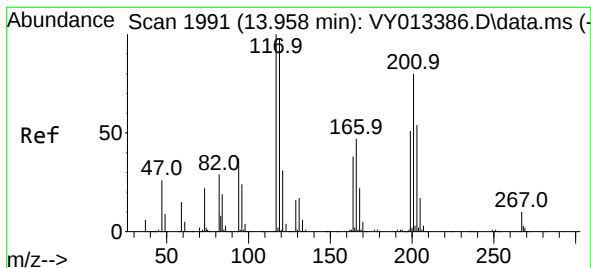
Tgt Ion:	146	Resp:	2813
Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.5
148	65.8	31.9	95.5



#89
n-Butylbenzene
Concen: 48.826 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion:	91	Resp:	3559
Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.8	77.3
134	29.1	13.5	40.4





#90

Hexachloroethane

Concen: 48.937 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

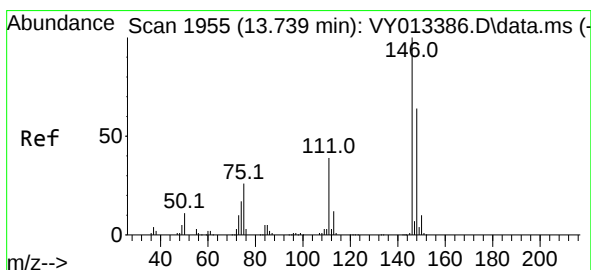
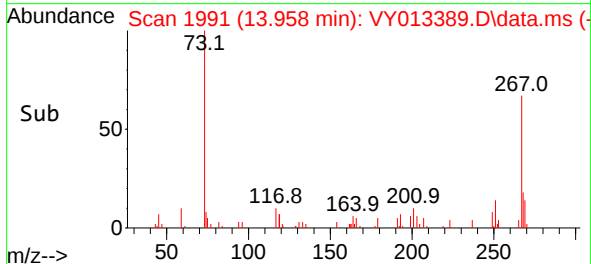
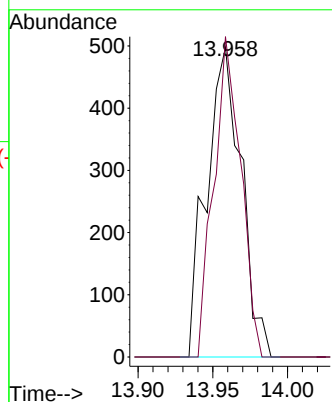
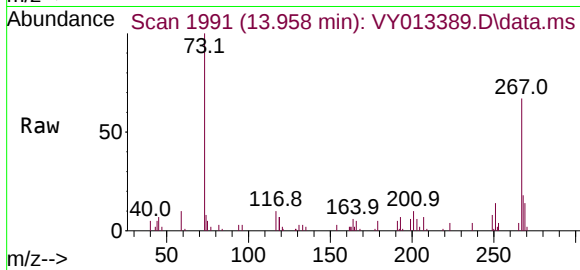
VIBLK

Tgt Ion:117 Resp: 805

Ion Ratio Lower Upper

117 100

201 80.1 41.6 124.8



#91

1,2-Dichlorobenzene

Concen: 61.945 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

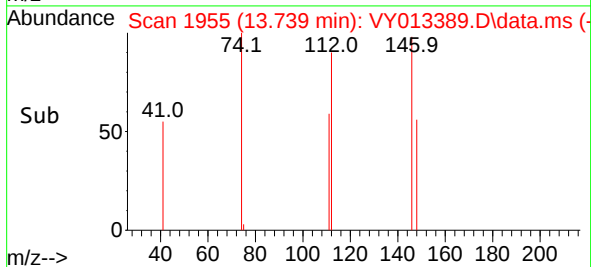
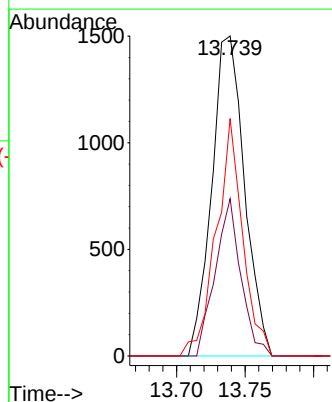
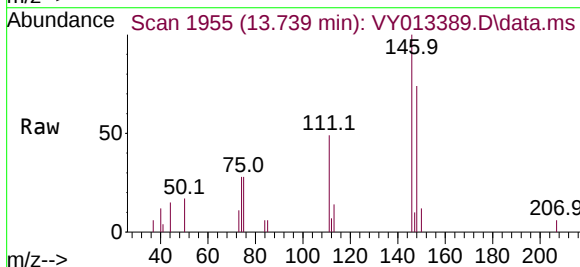
Tgt Ion:146 Resp: 2493

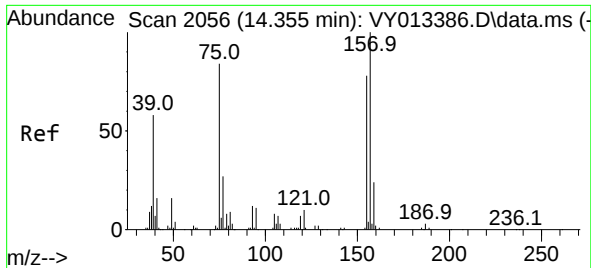
Ion Ratio Lower Upper

146 100

111 38.4 19.8 59.4

148 59.9 31.8 95.4

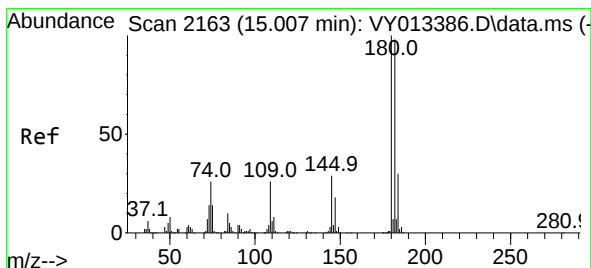
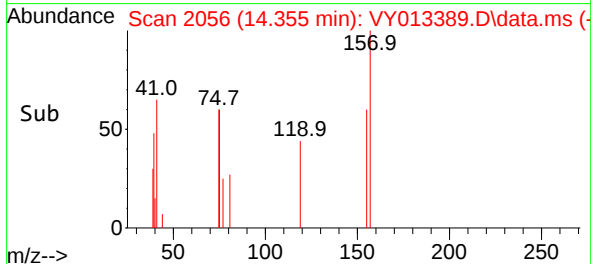
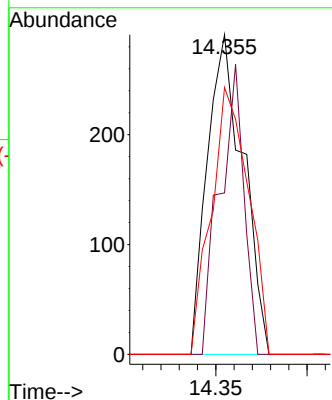
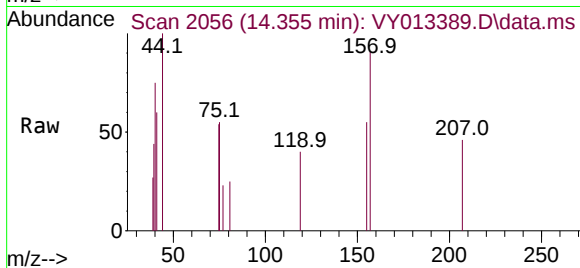




#92
1,2-Dibromo-3-Chloropropane
Concen: 101.668 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

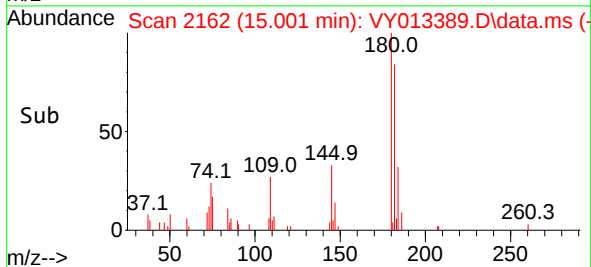
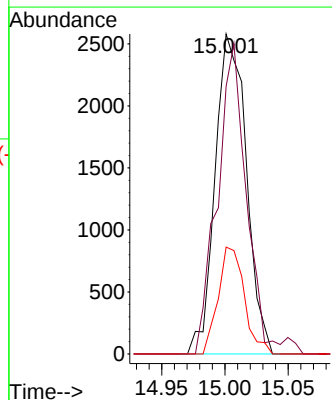
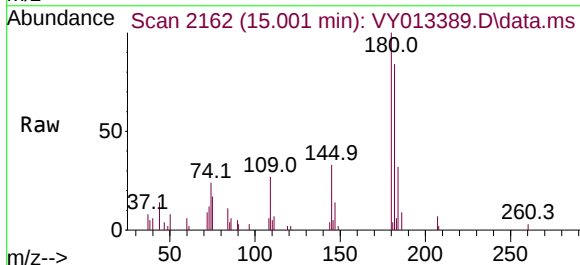
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

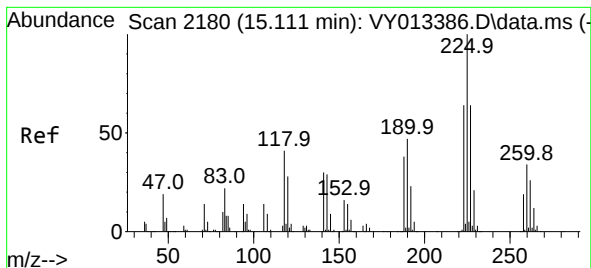
Tgt Ion: 75 Resp: 398
Ion Ratio Lower Upper
75 100
155 61.1 44.6 134.0
157 86.7 57.6 172.7



#93
1,2,4-Trichlorobenzene
Concen: 182.714 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY013389.D
Acq: 21 Apr 2023 18:42

Tgt Ion: 180 Resp: 4429
Ion Ratio Lower Upper
180 100
182 89.8 48.5 145.5
145 28.0 15.0 45.0





#94

Hexachlorobutadiene

Concen: 125.442 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

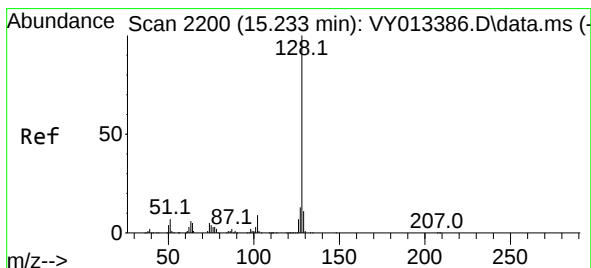
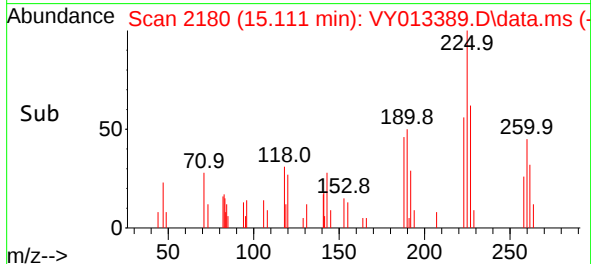
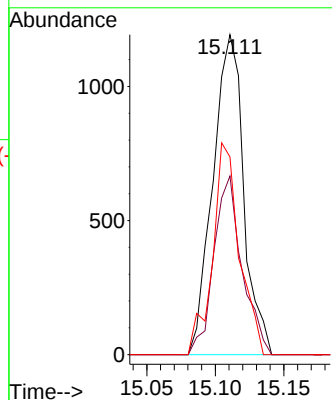
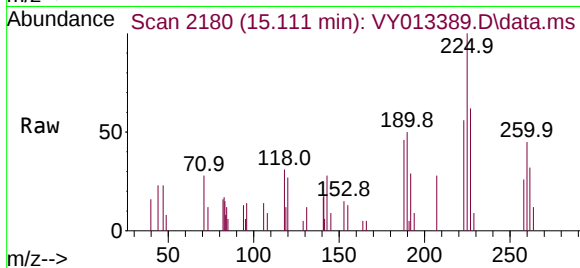
Tgt Ion:225 Resp: 1863

Ion Ratio Lower Upper

225 100

223 51.2 31.4 94.2

227 57.5 32.0 96.0



#95

Naphthalene

Concen: 210.319 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY013389.D

Acq: 21 Apr 2023 18:42

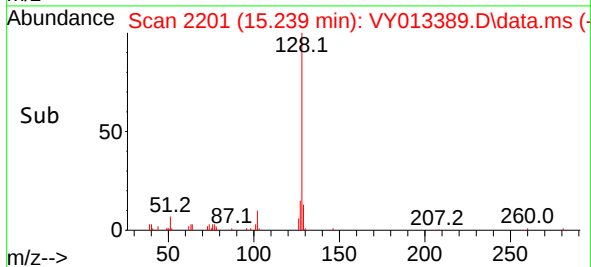
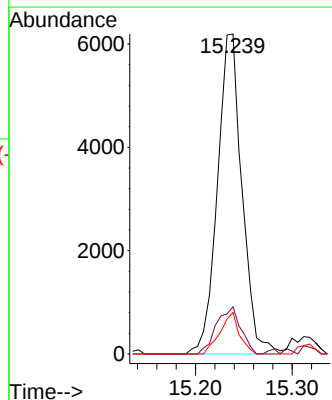
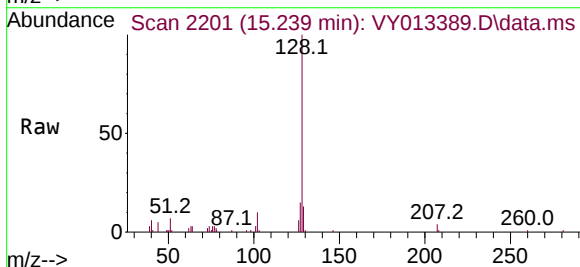
Tgt Ion:128 Resp: 10938

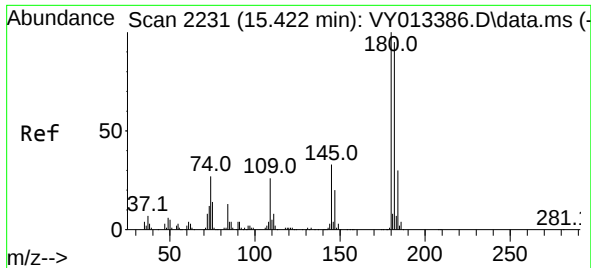
Ion Ratio Lower Upper

128 100

127 14.5 10.7 16.1

129 10.2 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 224.256 ug/l

RT: 15.416 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013389.D

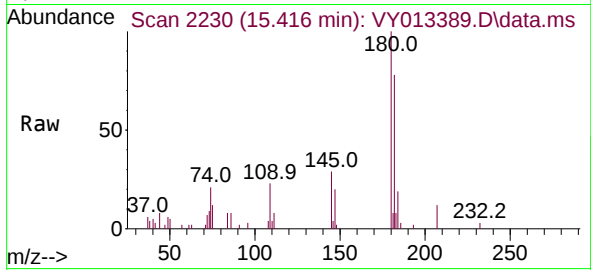
Acq: 21 Apr 2023 18:42

Instrument :

MSVOA_V

ClientSampleId :

VIBLK



Tgt Ion:180 Resp: 5043

Ion Ratio Lower Upper

180 100

182 88.2 47.1 141.3

145 30.6 15.9 47.7

