

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012675.D
 Acq On : 21 Feb 2023 15:38
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 22 01:05:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	167410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	14395	10.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.500%#
35) Dibromofluoromethane	7.716	113	13157	10.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.700%#
50) Toluene-d8	10.179	98	49516	10.399	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	20.800%#
62) 4-Bromofluorobenzene	12.483	95	15342	10.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.140%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	12332	10.085	ug/l	100
3) Chloromethane	2.113	50	18048	9.377	ug/l	97
4) Vinyl Chloride	2.253	62	13772	10.193	ug/l	100
5) Bromomethane	2.656	94	7472	10.097	ug/l	88
6) Chloroethane	2.796	64	8888	10.333	ug/l	94
7) Trichlorofluoromethane	3.125	101	21729	9.977	ug/l	100
8) Diethyl Ether	3.527	74	8066	10.344	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	13289	10.210	ug/l	99
10) Methyl Iodide	4.088	142	16693	9.795	ug/l	99
11) Tert butyl alcohol	4.948	59	8600	55.965	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	12769	10.162	ug/l	89
13) Acrolein	3.729	56	9313	47.967	ug/l	97
14) Allyl chloride	4.479	41	24101	9.883	ug/l	100
15) Acrylonitrile	5.161	53	20647	49.769	ug/l	99
16) Acetone	3.948	43	22071	48.149	ug/l	95
17) Carbon Disulfide	4.198	76	44099	10.429	ug/l	96
18) Methyl Acetate	4.479	43	15253	10.330	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	33155	9.809	ug/l	96
20) Methylene Chloride	4.716	84	20145	9.189	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	14066	10.291	ug/l	92
22) Diisopropyl ether	6.118	45	47427	10.422	ug/l	100
23) Vinyl Acetate	6.064	43	139498	49.495	ug/l	100
24) 1,1-Dichloroethane	6.015	63	25524	10.115	ug/l	100
25) 2-Butanone	6.984	43	29372	48.278	ug/l	95
26) 2,2-Dichloropropane	6.984	77	22721	10.322	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	15378	10.283	ug/l	100
28) Bromochloromethane	7.338	49	10722	10.611	ug/l	99
29) Tetrahydrofuran	7.344	42	17850	48.057	ug/l	99
30) Chloroform	7.508	83	25051	10.246	ug/l	93
31) Cyclohexane	7.783	56	25331	10.379	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	22276	10.064	ug/l	97
36) 1,1-Dichloropropene	7.917	75	20360	10.107	ug/l	98
37) Ethyl Acetate	7.076	43	13073	9.617	ug/l	98
38) Carbon Tetrachloride	7.899	117	20053	9.627	ug/l	99
39) Methylcyclohexane	9.185	83	21746	9.358	ug/l	95
40) Benzene	8.161	78	57549	10.234	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6188	9.345	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	17894	10.262	ug/l	99
43) Isopropyl Acetate	8.271	43	22320	9.502	ug/l #	91
44) Trichloroethene	8.941	130	14540	10.001	ug/l	94
45) 1,2-Dichloropropane	9.215	63	14648	10.127	ug/l	98
46) Dibromomethane	9.307	93	8099	10.143	ug/l	100
47) Bromodichloromethane	9.496	83	19914	10.360	ug/l	95
48) Methyl methacrylate	9.295	41	9750	8.895	ug/l	97
49) 1,4-Dioxane	9.307	88	1285	167.228	ug/l #	66
51) 4-Methyl-2-Pentanone	10.069	43	60848	48.021	ug/l	96
52) Toluene	10.246	92	33857	10.162	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	19868	9.891	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	22750	10.009	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	11184	10.312	ug/l	94
56) Ethyl methacrylate	10.508	69	13785	9.307	ug/l	98
57) 1,3-Dichloropropane	10.788	76	19221	10.084	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	35917	41.865	ug/l	100
59) 2-Hexanone	10.831	43	42264	47.050	ug/l	99
60) Dibromochloromethane	10.983	129	13260	10.092	ug/l	97
61) 1,2-Dibromoethane	11.087	107	10377	9.987	ug/l	99
64) Tetrachloroethene	10.721	164	12119	9.954	ug/l	95
65) Chlorobenzene	11.520	112	36579	10.189	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	13569	10.199	ug/l	99
67) Ethyl Benzene	11.593	91	62335	9.714	ug/l	100
68) m/p-Xylenes	11.703	106	48098	19.649	ug/l	98
69) o-Xylene	12.032	106	21626	9.538	ug/l	97
70) Styrene	12.044	104	36839	9.694	ug/l	98
71) Bromoform	12.209	173	8338	9.821	ug/l #	97
73) Isopropylbenzene	12.331	105	57870	9.739	ug/l	100
74) N-amyl acetate	12.142	43	18222	9.329	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	13930	10.426	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	17597	18.157	ug/l #	100
77) Bromobenzene	12.611	156	14466	10.160	ug/l	99
78) n-propylbenzene	12.672	91	73334	9.867	ug/l	100
79) 2-Chlorotoluene	12.758	91	41797	10.122	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	48302	9.731	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4866	10.284	ug/l	96
82) 4-Chlorotoluene	12.855	91	42845	10.005	ug/l	100
83) tert-Butylbenzene	13.075	119	40604	9.580	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	47388	9.766	ug/l	100
85) sec-Butylbenzene	13.257	105	62649	9.715	ug/l	99
86) p-Isopropyltoluene	13.373	119	51825	9.758	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	28108	10.079	ug/l	96
88) 1,4-Dichlorobenzene	13.446	146	28503	10.079	ug/l	98
89) n-Butylbenzene	13.696	91	49216	9.676	ug/l	99
90) Hexachloroethane	13.965	117	10659	9.889	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	24927	10.008	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2193	9.985	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	15088	9.579	ug/l	98
94) Hexachlorobutadiene	15.111	225	9299	9.782	ug/l	99
95) Naphthalene	15.239	128	28511	8.958	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	13231	9.490	ug/l	99

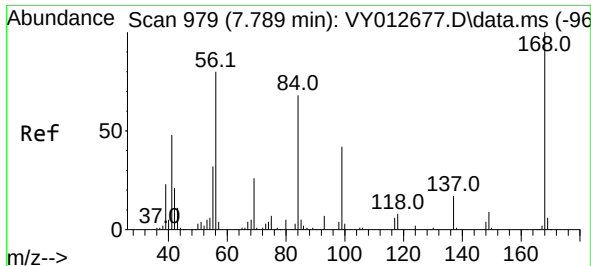
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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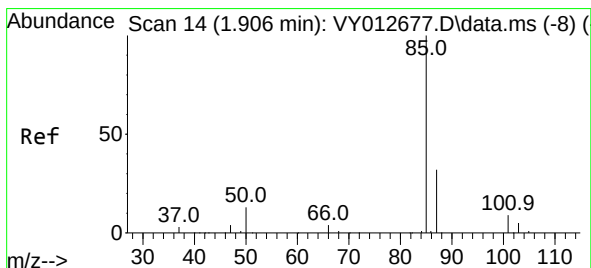
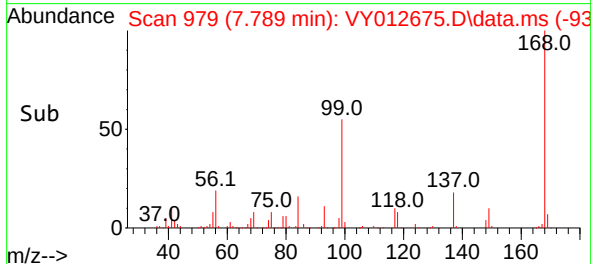
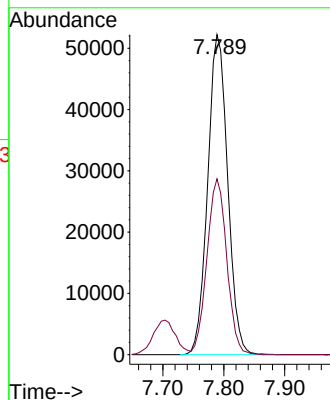
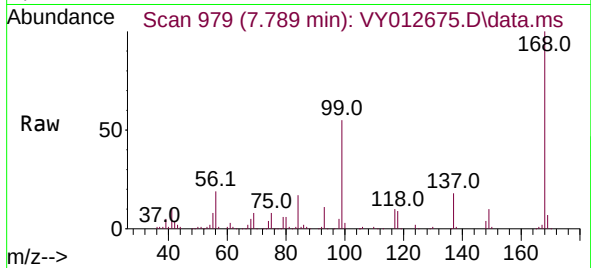
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012675.D
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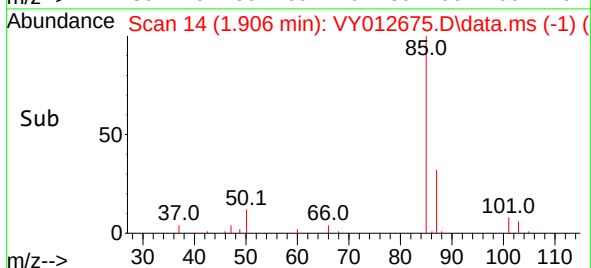
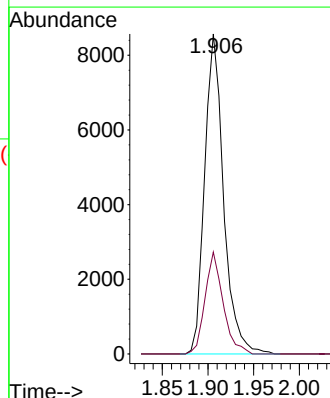
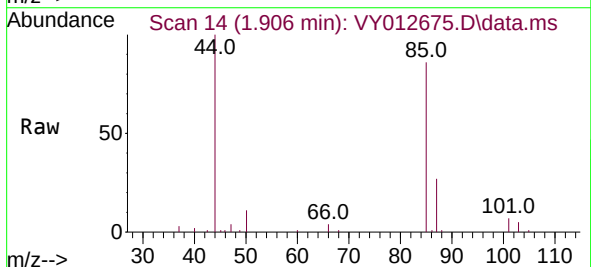
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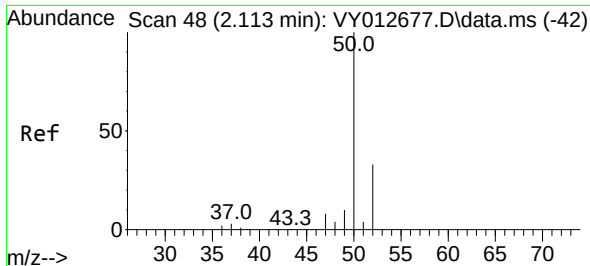
Tgt Ion:168 Resp: 118944
Ion Ratio Lower Upper
168 100
99 55.0 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 10.085 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 85 Resp: 12332
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2

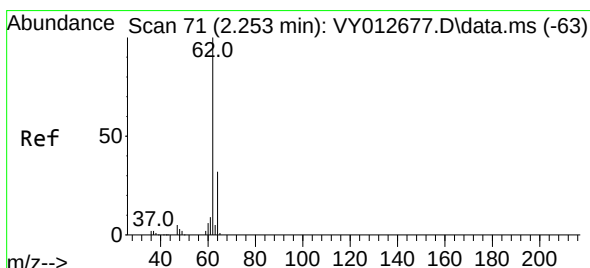
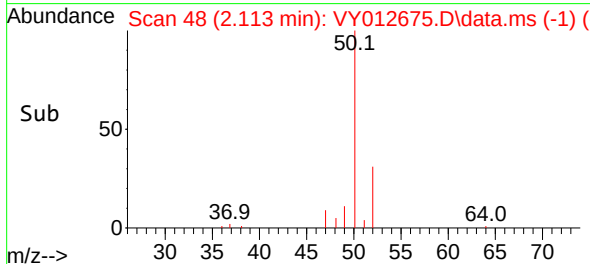
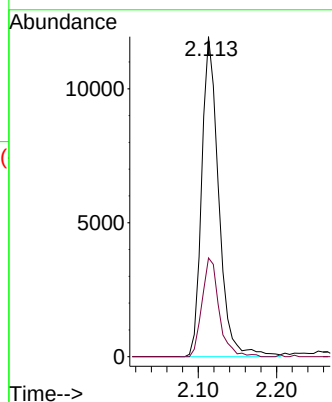
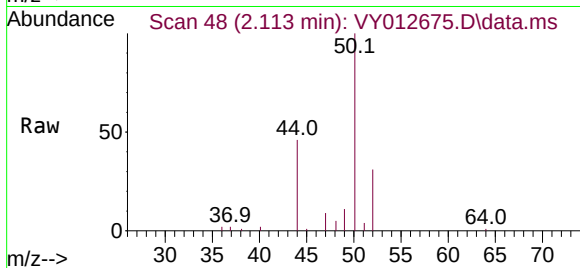




#3
Chloromethane
Concen: 9.377 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

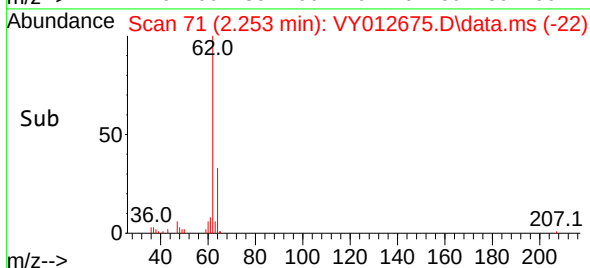
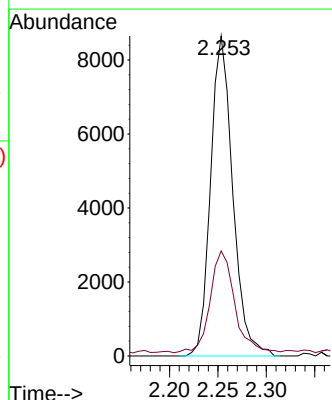
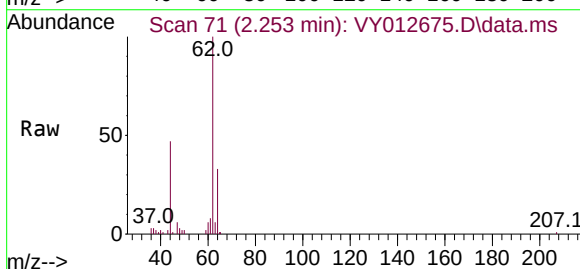
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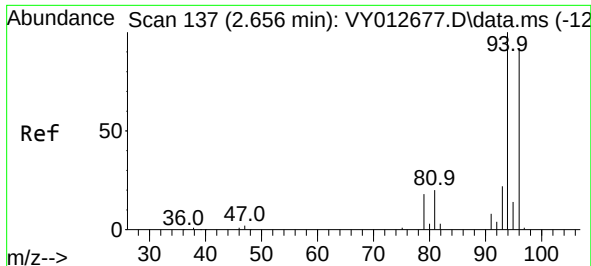
Tgt Ion: 50 Resp: 18048
Ion Ratio Lower Upper
50 100
52 30.8 26.1 39.1



#4
Vinyl Chloride
Concen: 10.193 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 62 Resp: 13772
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2

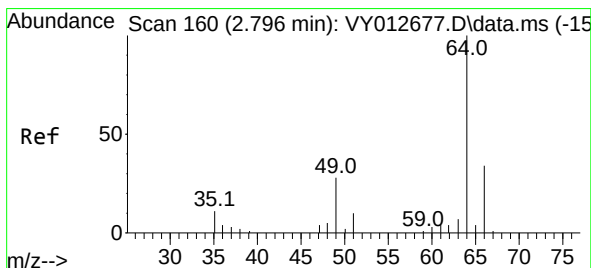
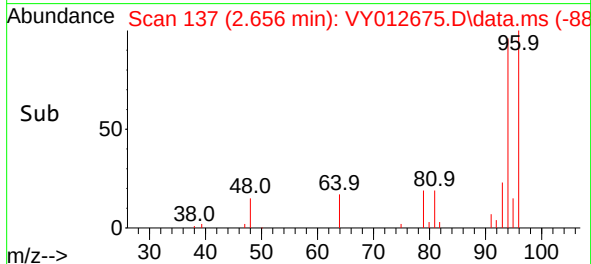
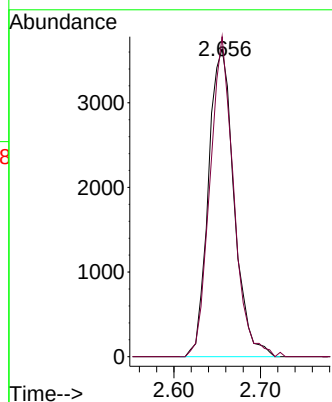
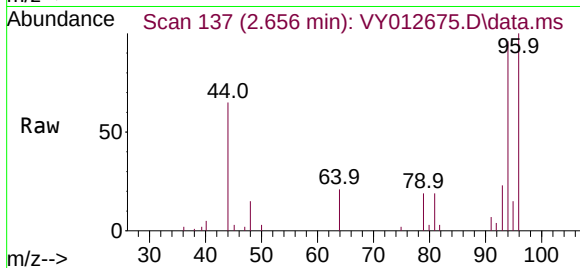




#5
Bromomethane
Concen: 10.097 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012675.D
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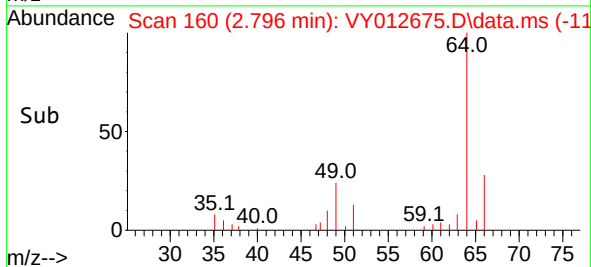
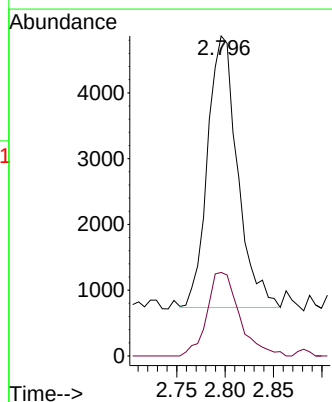
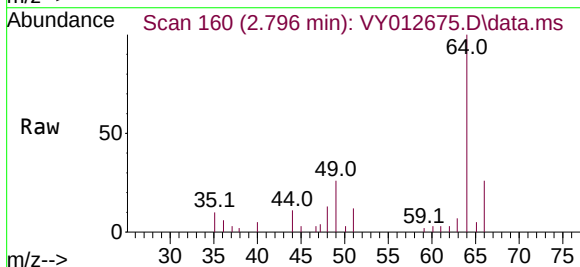
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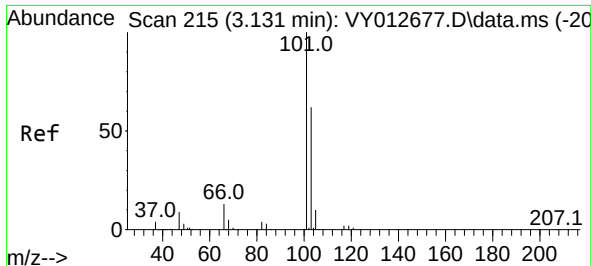
Tgt Ion: 94 Resp: 7472
Ion Ratio Lower Upper
94 100
96 104.0 73.9 110.9



#6
Chloroethane
Concen: 10.333 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 64 Resp: 8888
Ion Ratio Lower Upper
64 100
66 30.7 27.1 40.7

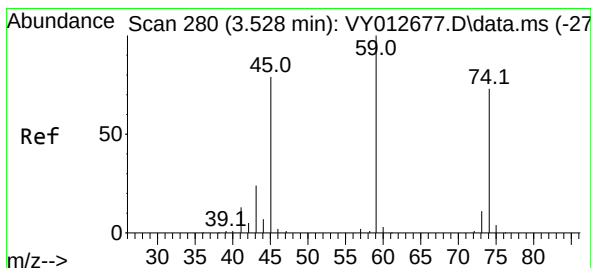
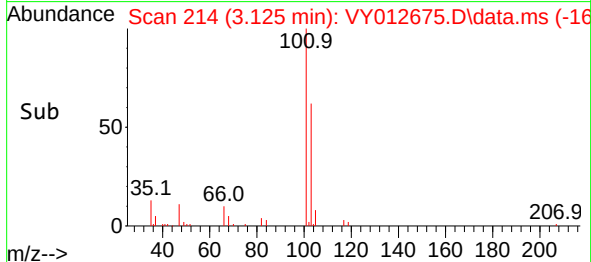
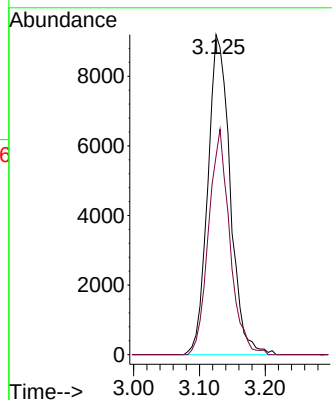
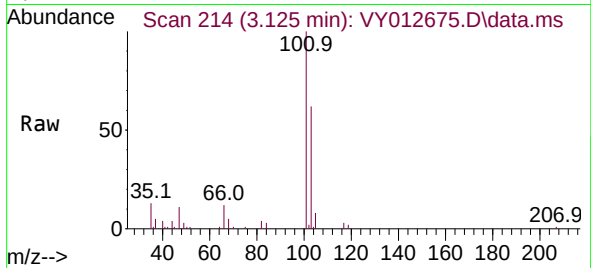




#7
Trichlorofluoromethane
Concen: 9.977 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
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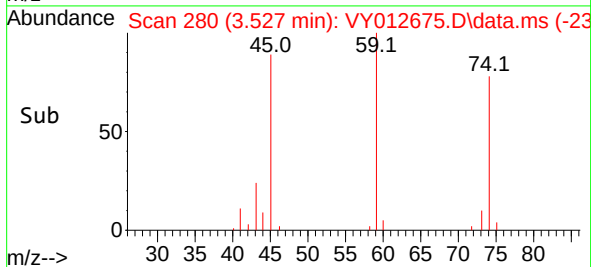
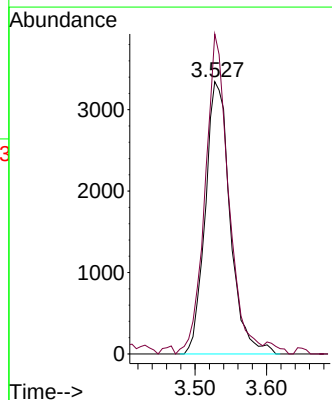
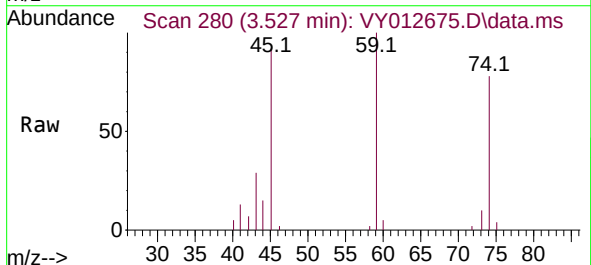
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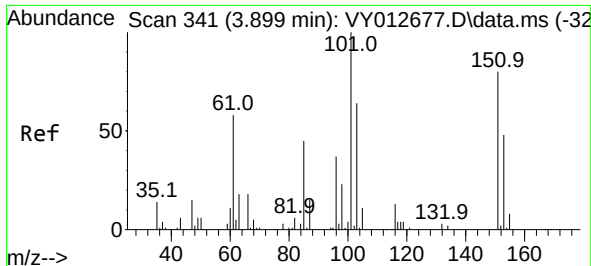
Tgt Ion:101 Resp: 21729
Ion Ratio Lower Upper
101 100
103 62.0 49.8 74.6



#8
Diethyl Ether
Concen: 10.344 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012675.D
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Tgt Ion: 74 Resp: 8066
Ion Ratio Lower Upper
74 100
45 111.2 54.6 163.9

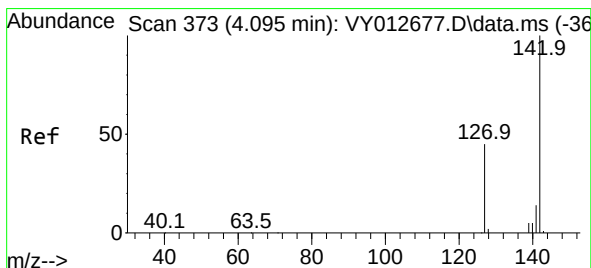
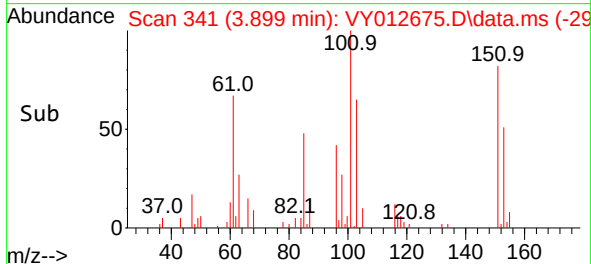
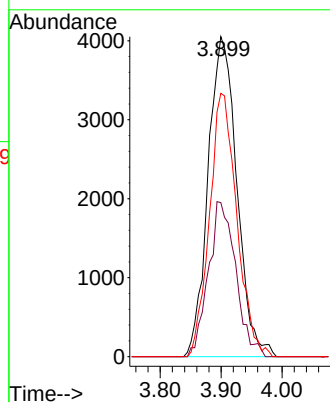
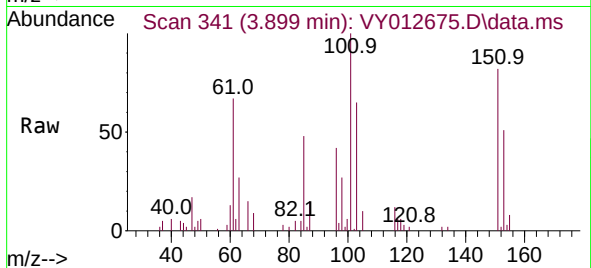




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.210 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
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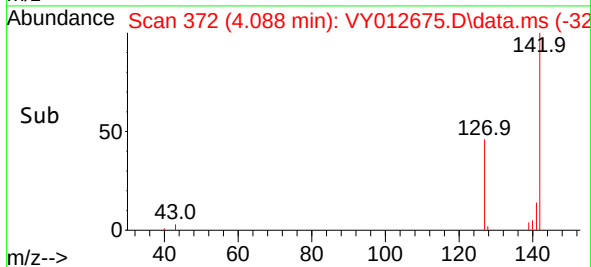
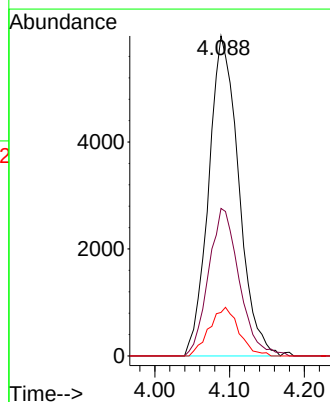
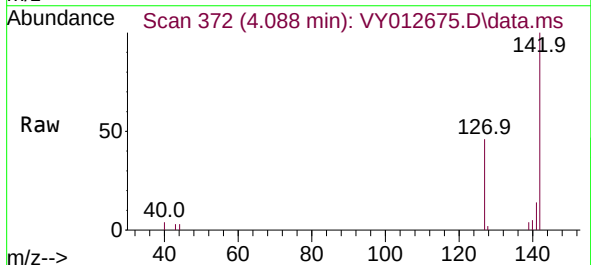
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ClientSampleId :
VSTDIC010

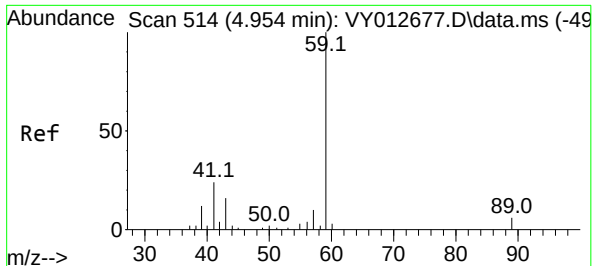
Tgt Ion:101 Resp: 13289
Ion Ratio Lower Upper
101 100
85 46.0 36.4 54.6
151 78.2 63.1 94.7



#10
Methyl Iodide
Concen: 9.795 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion:142 Resp: 16693
Ion Ratio Lower Upper
142 100
127 47.2 37.3 55.9
141 15.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 55.965 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

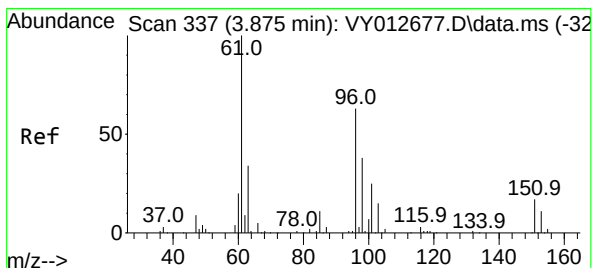
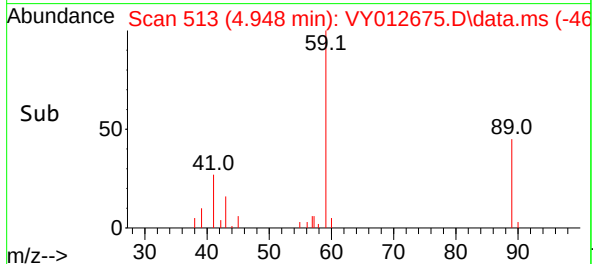
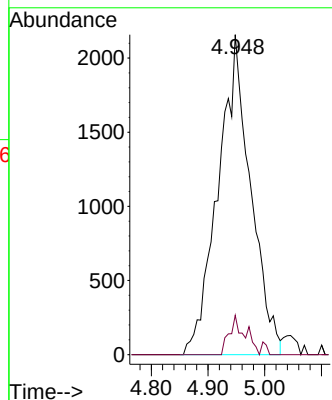
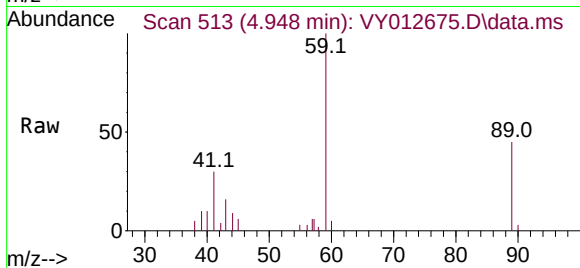
VSTDIC010

Tgt Ion: 59 Resp: 8600

Ion Ratio Lower Upper

59 100

57 5.9 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 10.162 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

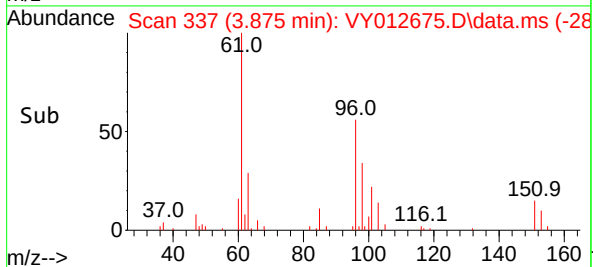
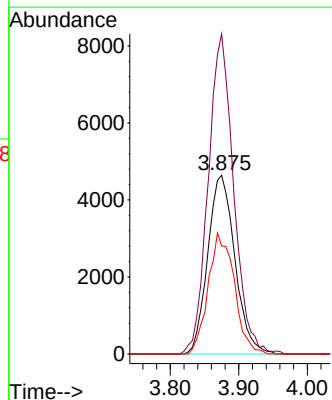
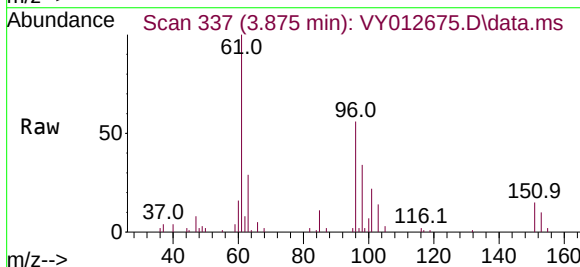
Tgt Ion: 96 Resp: 12769

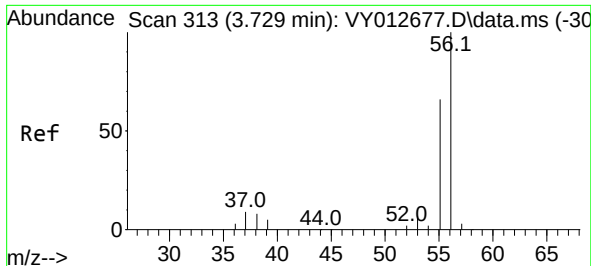
Ion Ratio Lower Upper

96 100

61 179.0 127.3 190.9

98 60.4 49.0 73.4





#13

Acrolein

Concen: 47.967 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

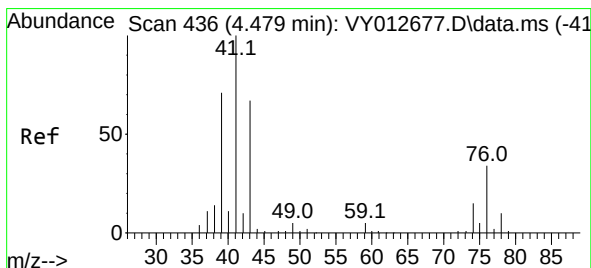
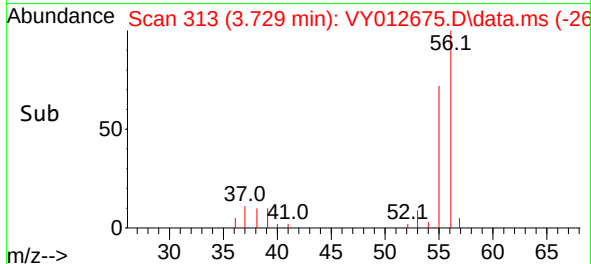
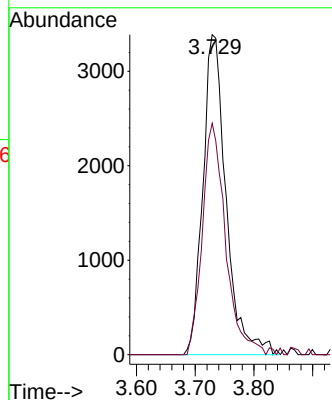
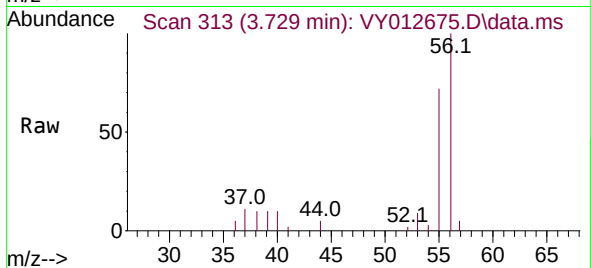
VSTDICC010

Tgt Ion: 56 Resp: 9313

Ion Ratio Lower Upper

56 100

55 72.2 55.7 83.5



#14

Allyl chloride

Concen: 9.883 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

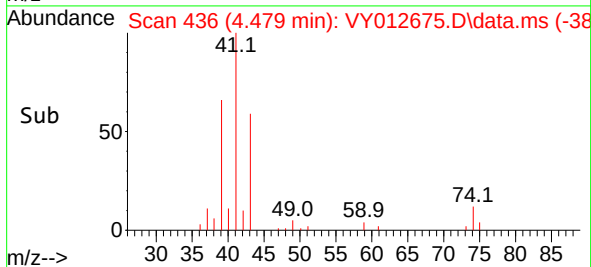
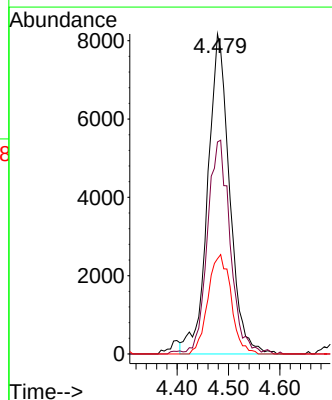
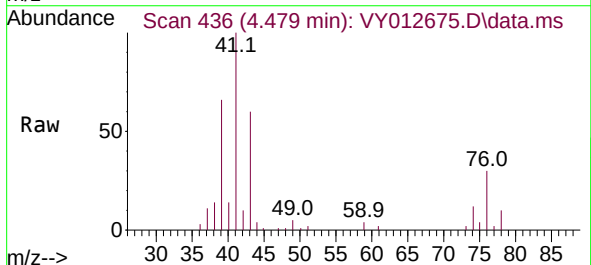
Tgt Ion: 41 Resp: 24101

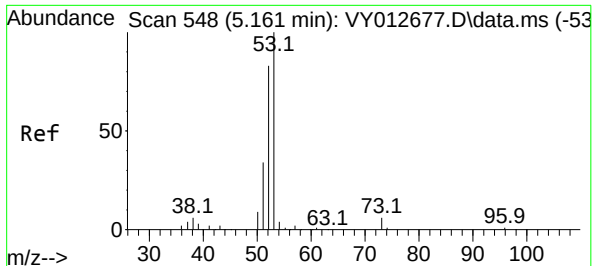
Ion Ratio Lower Upper

41 100

39 67.3 53.8 80.8

76 32.9 25.8 38.6

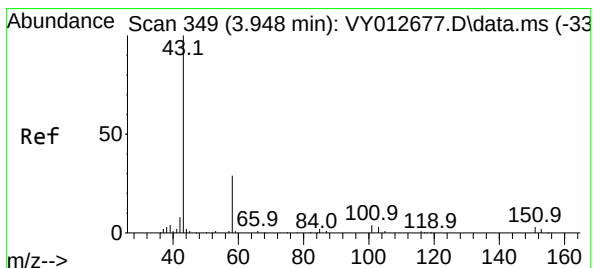
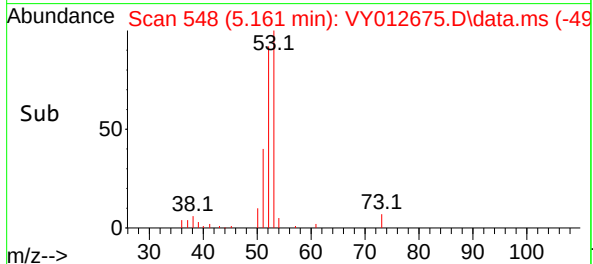
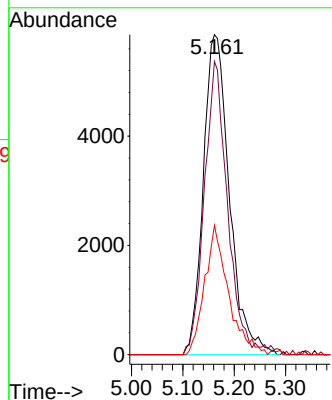
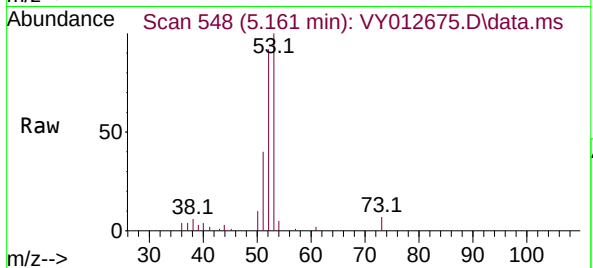




#15
Acrylonitrile
Concen: 49.769 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

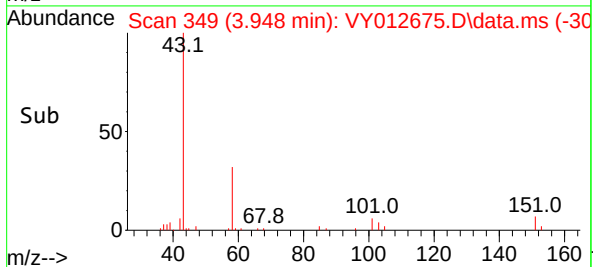
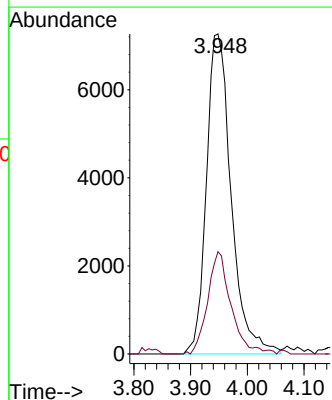
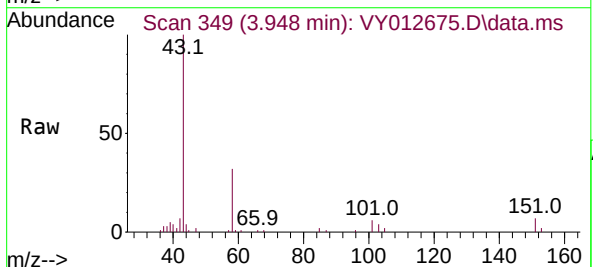
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

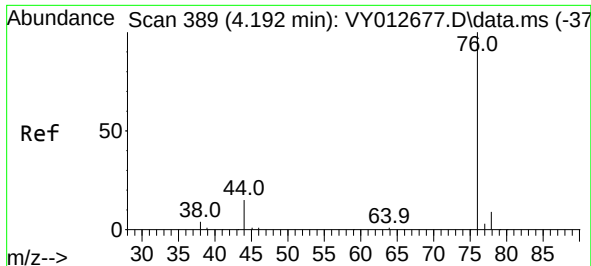
Tgt Ion: 53	Resp:	20647
Ion	Ratio	Lower Upper
53	100	
52	81.2	65.2 97.8
51	36.8	28.6 43.0



#16
Acetone
Concen: 48.149 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 43	Resp:	22071
Ion	Ratio	Lower Upper
43	100	
58	32.0	23.3 34.9

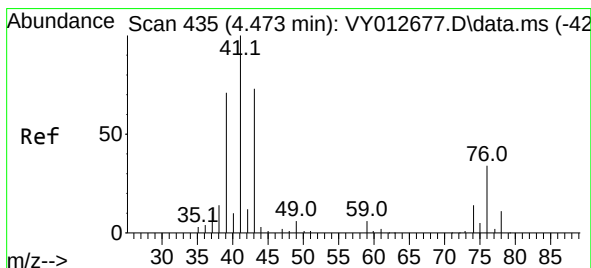
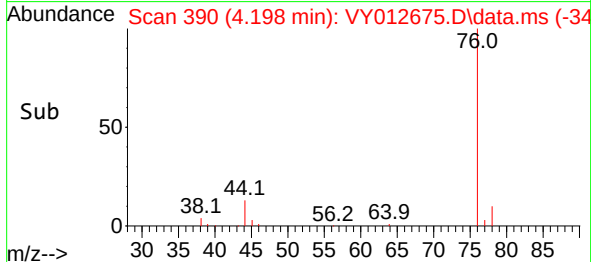
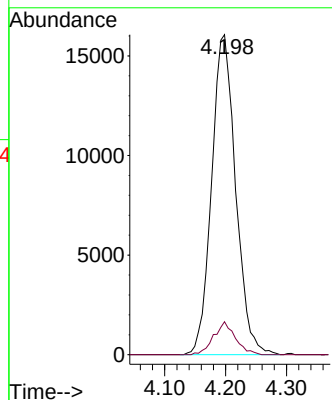
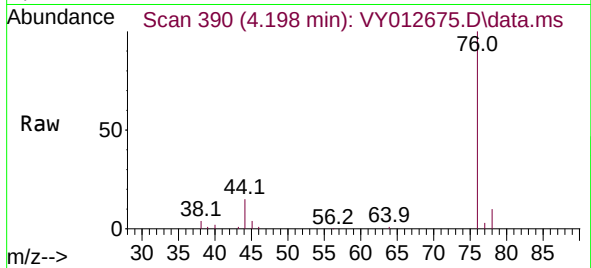




#17
Carbon Disulfide
Concen: 10.429 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

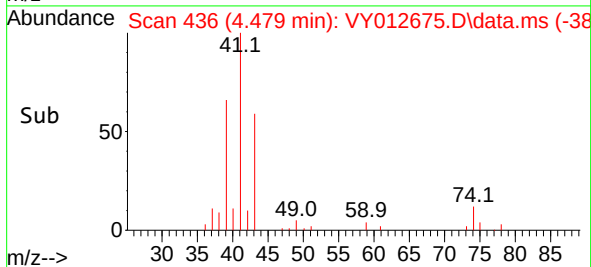
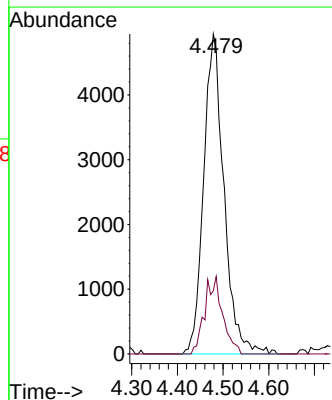
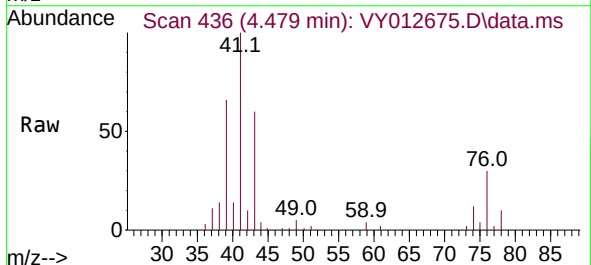
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

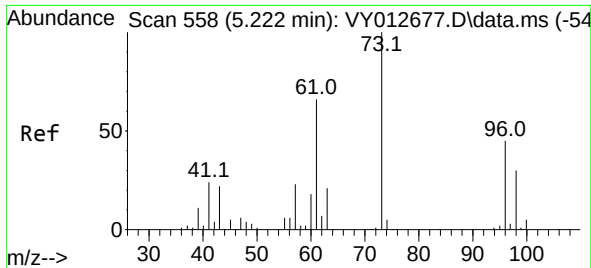
Tgt Ion: 76 Resp: 44099
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7



#18
Methyl Acetate
Concen: 10.330 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 43 Resp: 15253
Ion Ratio Lower Upper
43 100
74 21.3 16.5 24.7

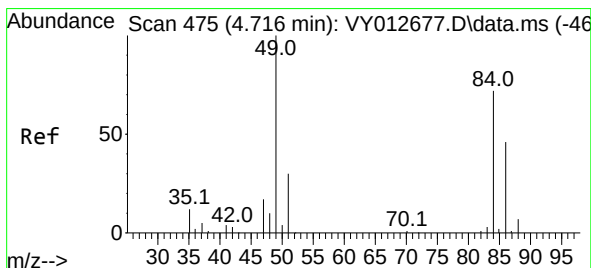
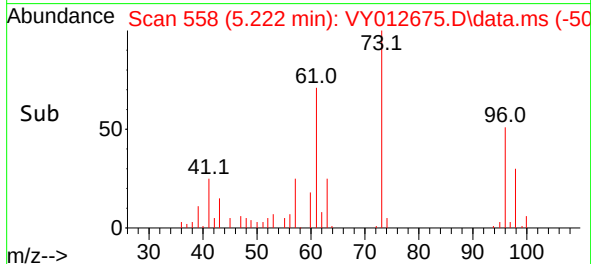
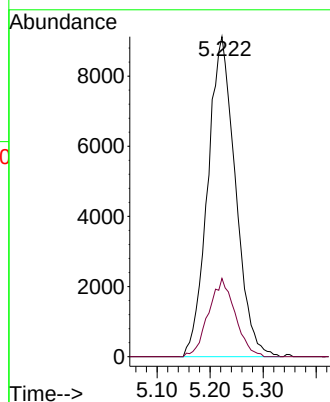
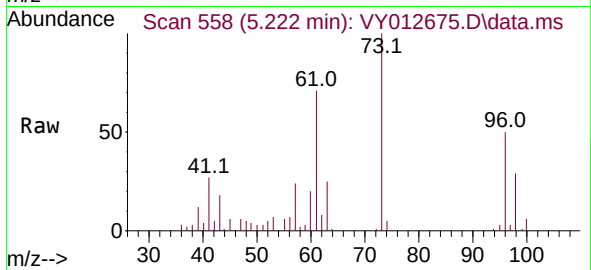




#19
Methyl tert-butyl Ether
Concen: 9.809 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

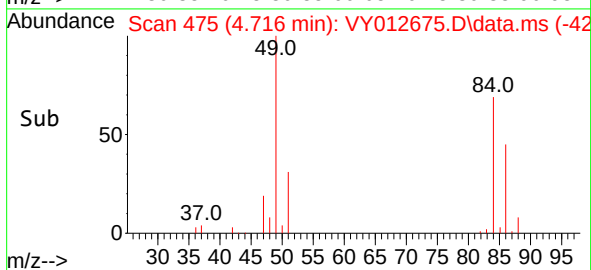
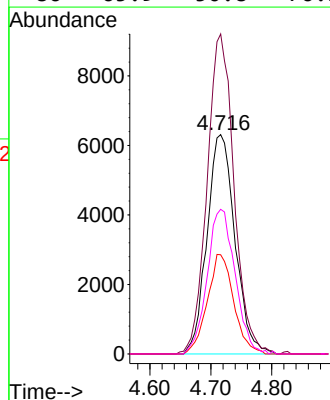
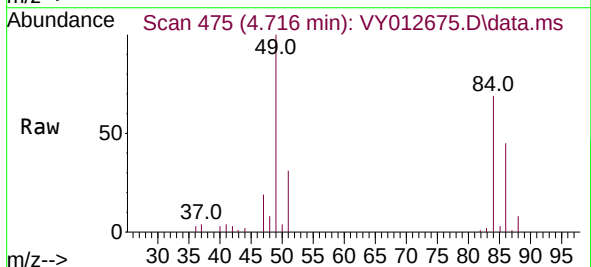
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

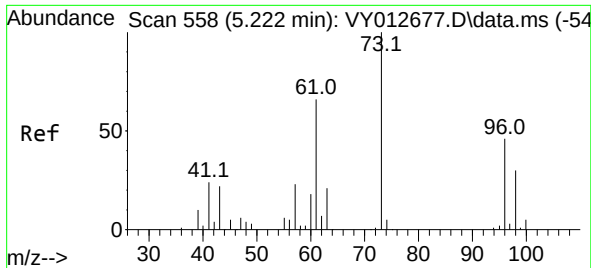
Tgt Ion: 73 Resp: 33155
Ion Ratio Lower Upper
73 100
57 24.5 18.1 27.1



#20
Methylene Chloride
Concen: 9.189 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 84 Resp: 20145
Ion Ratio Lower Upper
84 100
49 145.9 111.1 166.7
51 45.2 33.5 50.3
86 65.9 50.8 76.2

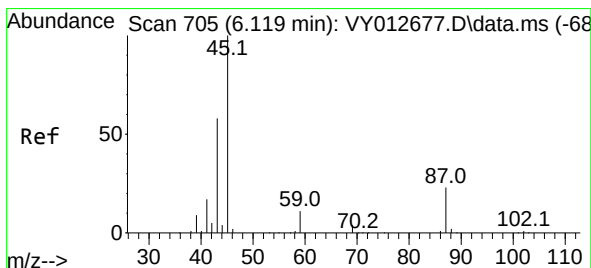
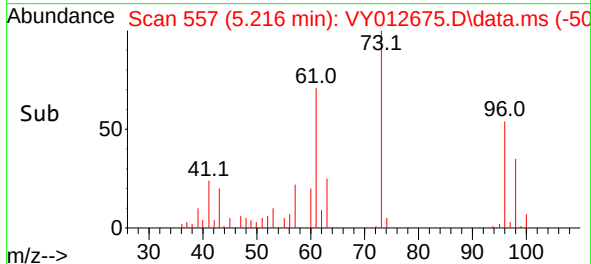
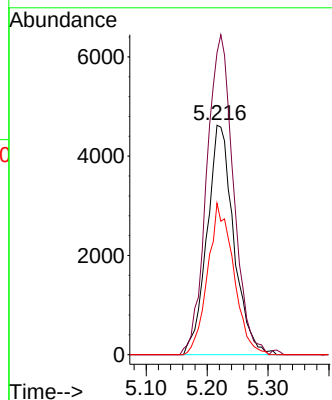
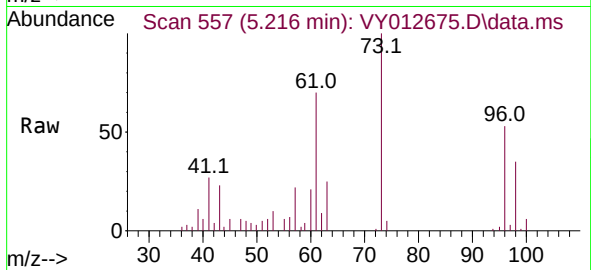




#21
trans-1,2-Dichloroethene
Concen: 10.291 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

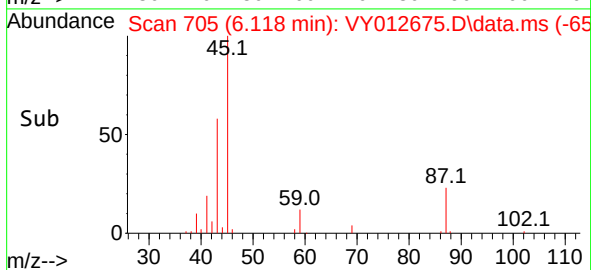
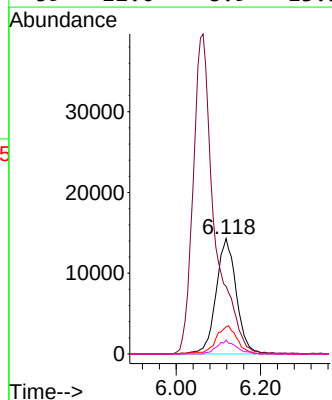
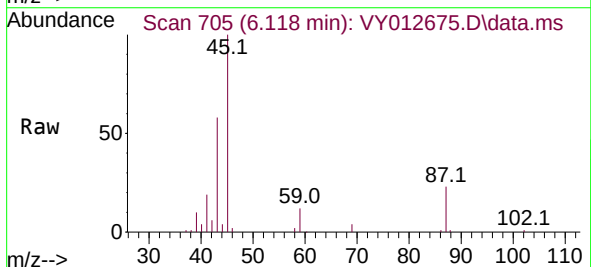
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

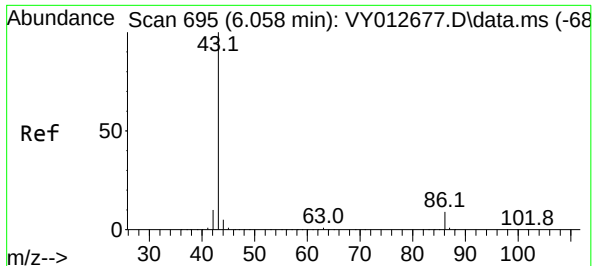
Tgt Ion: 96 Resp: 14066
Ion Ratio Lower Upper
96 100
61 131.5 116.1 174.1
98 66.0 52.3 78.5



#22
Diisopropyl ether
Concen: 10.422 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 45 Resp: 47427
Ion Ratio Lower Upper
45 100
43 57.6 46.2 69.2
87 23.4 18.6 28.0
59 12.0 8.9 13.3

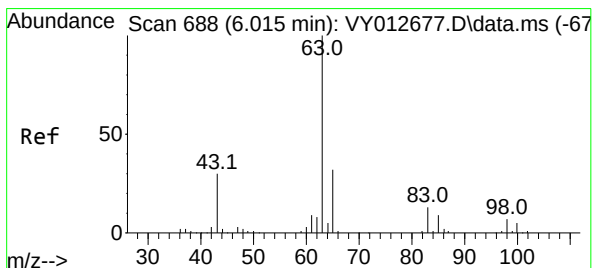
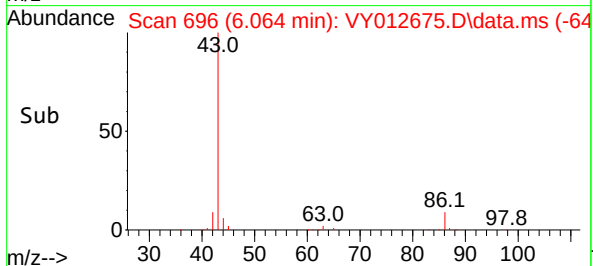
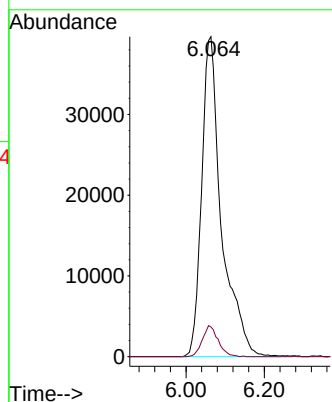
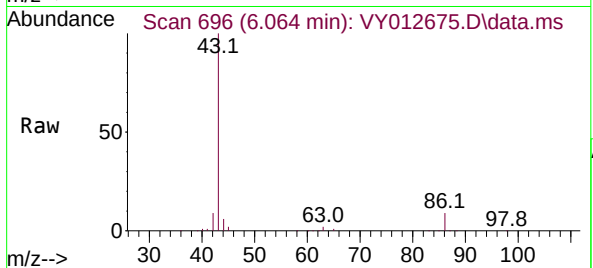




#23
 Vinyl Acetate
 Concen: 49.495 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY012675.D
 Acq: 21 Feb 2023 15:38

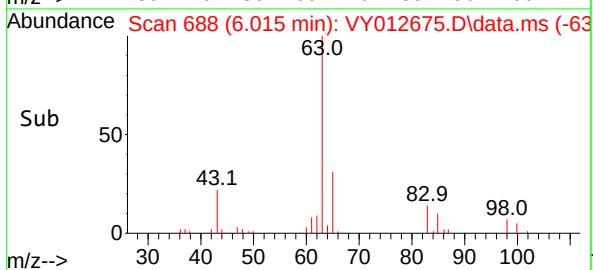
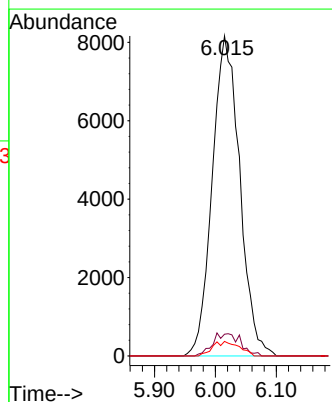
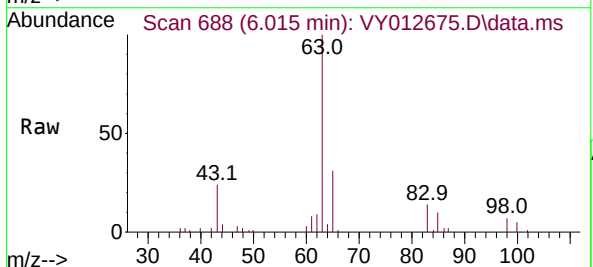
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

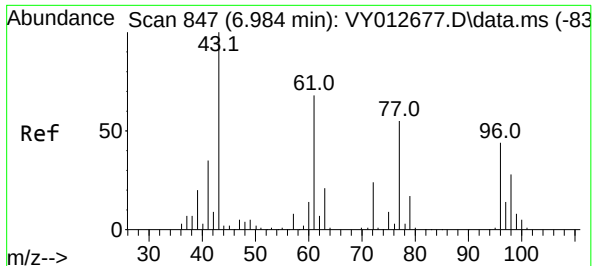
Tgt Ion: 43 Resp: 139498
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 10.115 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012675.D
 Acq: 21 Feb 2023 15:38

Tgt Ion: 63 Resp: 25524
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.6 2.3 6.9





#25

2-Butanone

Concen: 48.278 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

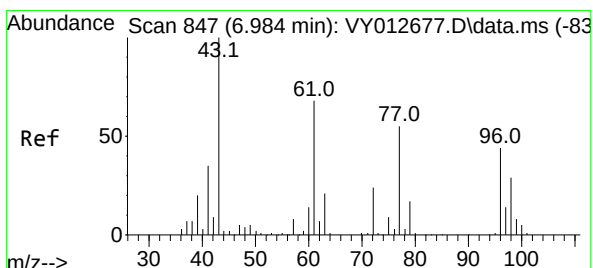
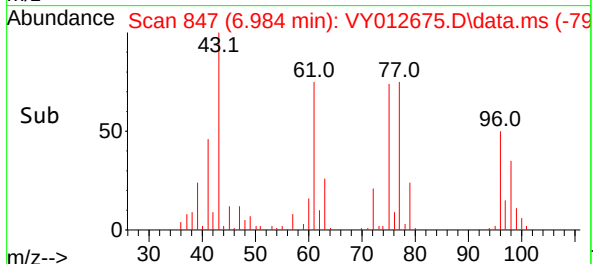
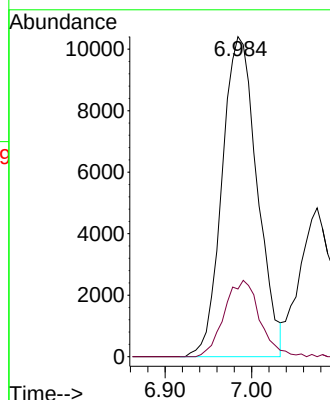
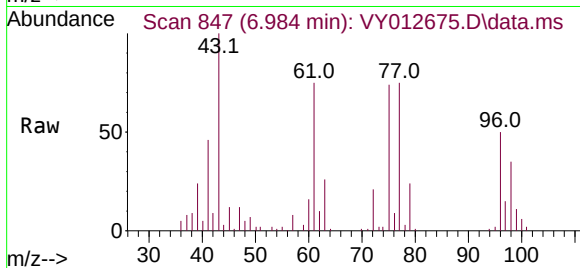
VSTDIC010

Tgt Ion: 43 Resp: 29372

Ion Ratio Lower Upper

43 100

72 21.1 18.8 28.2



#26

2,2-Dichloropropane

Concen: 10.322 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012675.D

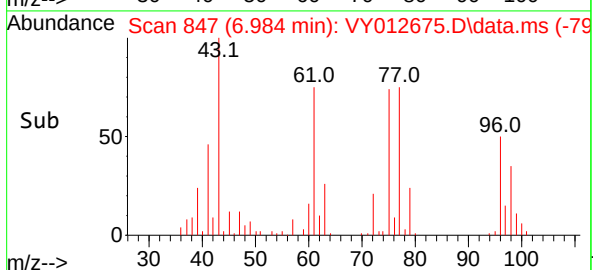
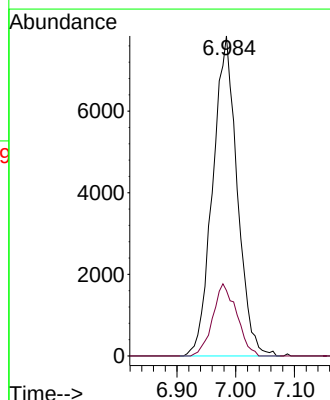
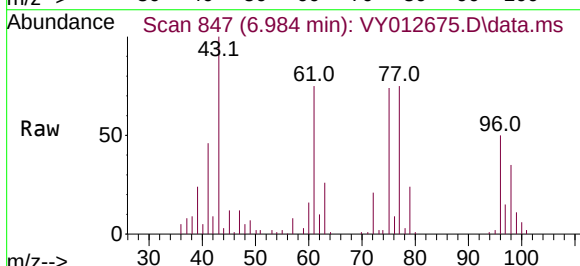
Acq: 21 Feb 2023 15:38

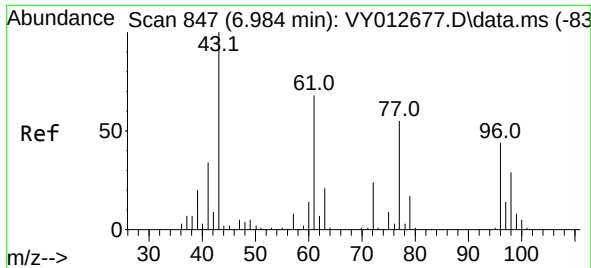
Tgt Ion: 77 Resp: 22721

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.1

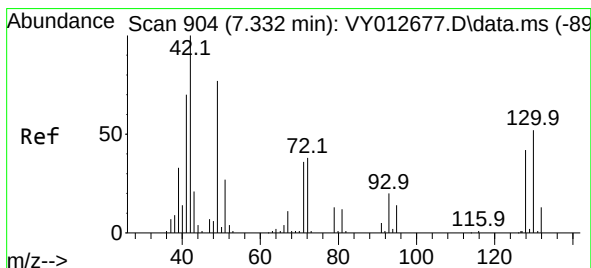
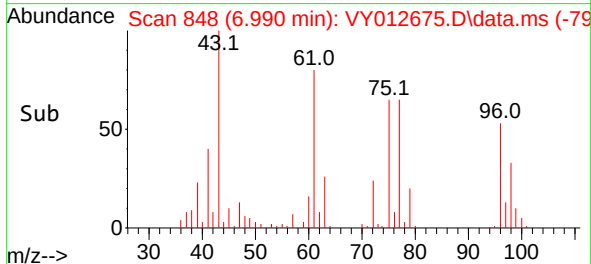
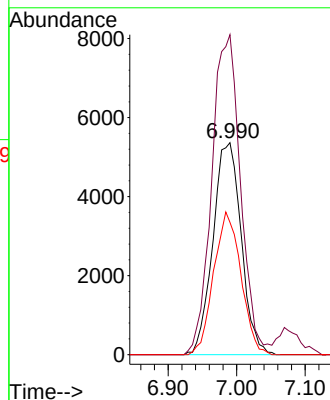
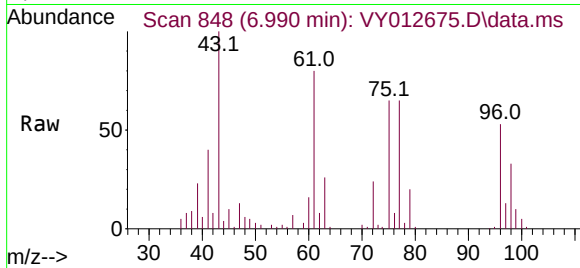




#27
 cis-1,2-Dichloroethene
 Concen: 10.283 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY012675.D
 Acq: 21 Feb 2023 15:38

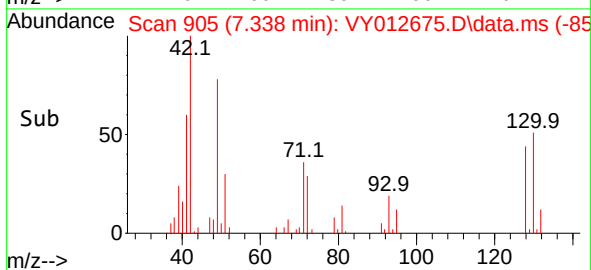
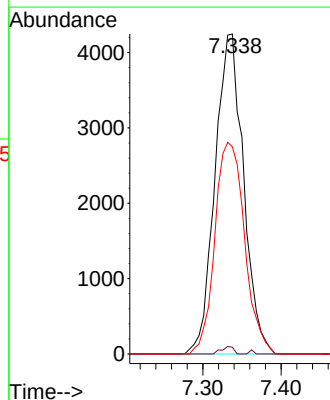
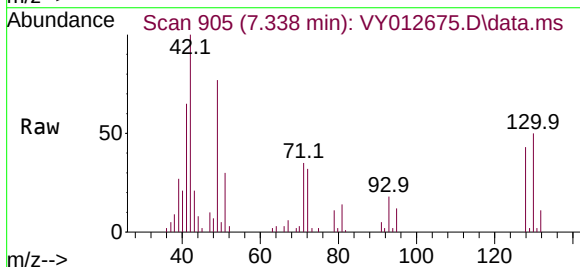
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

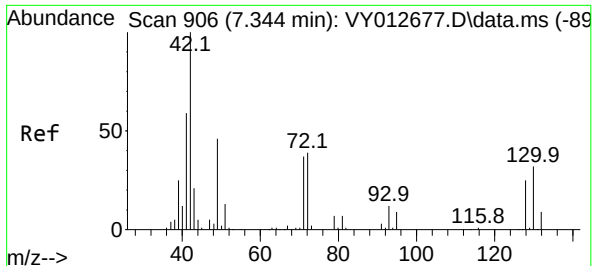
Tgt Ion: 96	Resp: 15378
Ion Ratio	Lower Upper
96 100	
61 153.9	0.0 308.8
98 65.0	0.0 129.0



#28
 Bromochloromethane
 Concen: 10.611 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY012675.D
 Acq: 21 Feb 2023 15:38

Tgt Ion: 49	Resp: 10722
Ion Ratio	Lower Upper
49 100	
129 1.0	0.0 4.0
130 69.0	54.3 81.5





#29

Tetrahydrofuran

Concen: 48.057 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

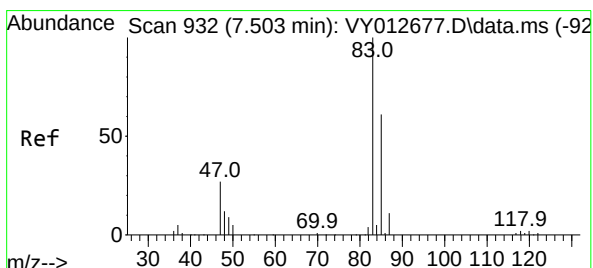
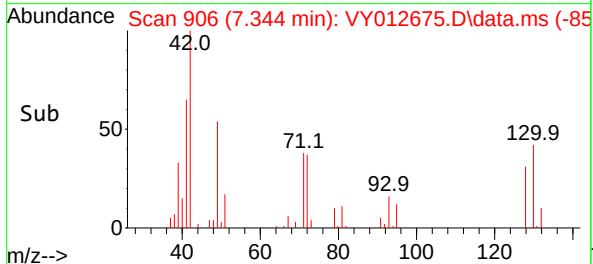
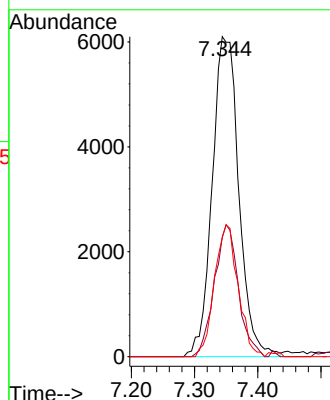
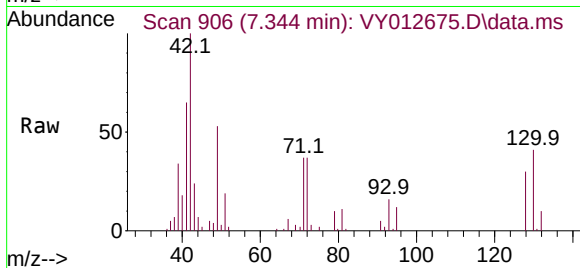
Tgt Ion: 42 Resp: 17850

Ion Ratio Lower Upper

42 100

72 37.1 30.6 45.8

71 36.4 28.6 42.8



#30

Chloroform

Concen: 10.246 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012675.D

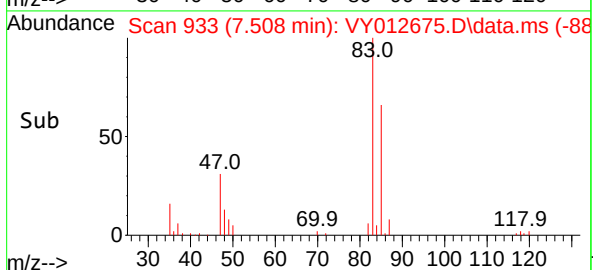
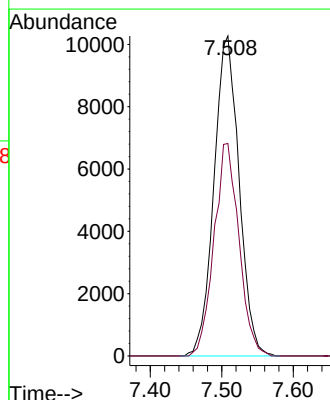
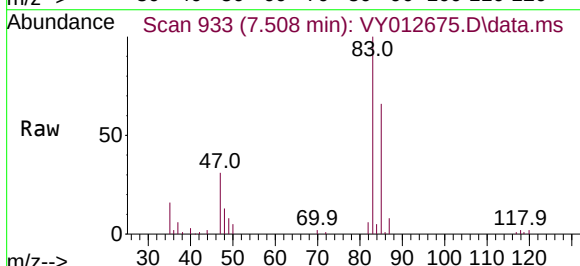
Acq: 21 Feb 2023 15:38

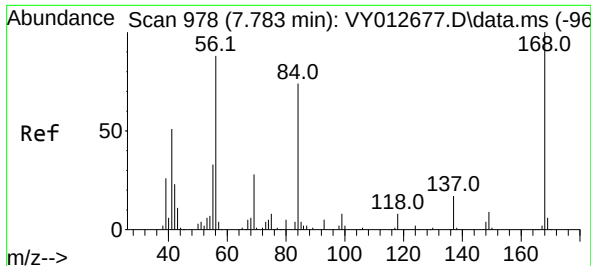
Tgt Ion: 83 Resp: 25051

Ion Ratio Lower Upper

83 100

85 66.4 48.9 73.3

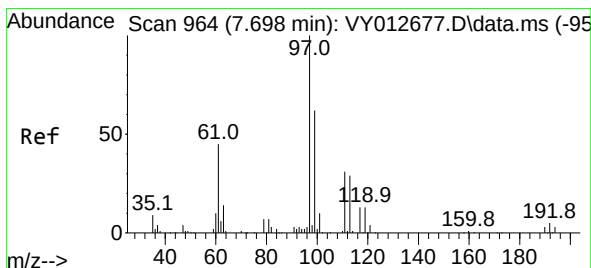
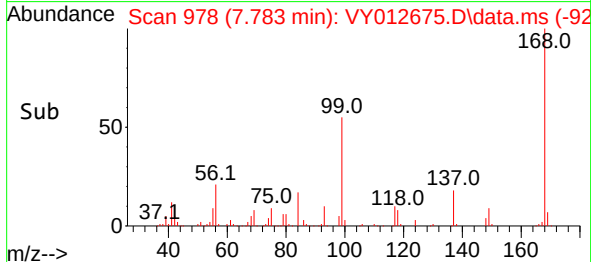
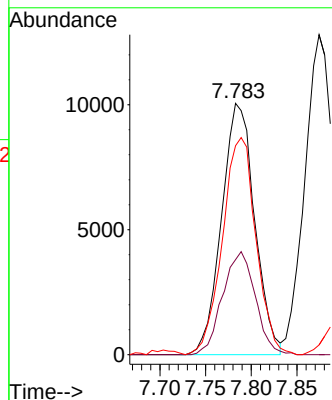
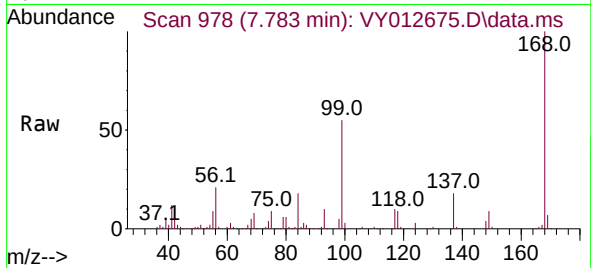




#31
Cyclohexane
Concen: 10.379 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

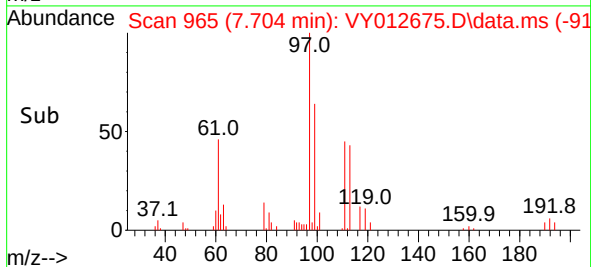
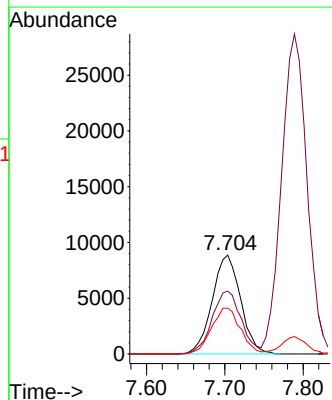
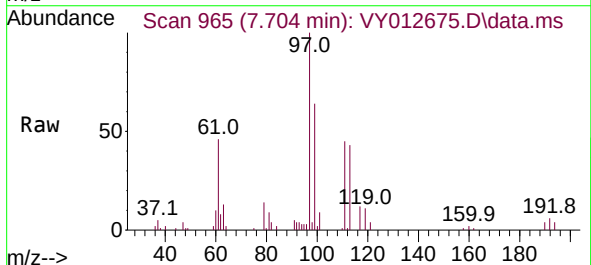
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

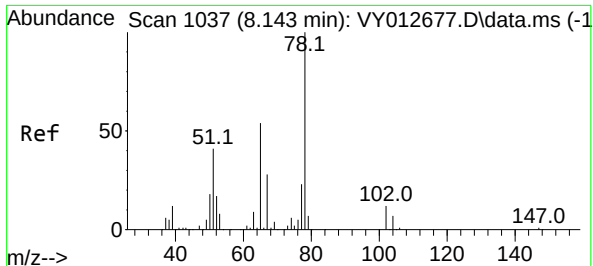
Tgt Ion: 56 Resp: 25331
Ion Ratio Lower Upper
56 100
69 37.8 25.4 38.2
84 82.5 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 10.064 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 97 Resp: 22276
Ion Ratio Lower Upper
97 100
99 65.8 50.6 75.8
61 47.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 10.247 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

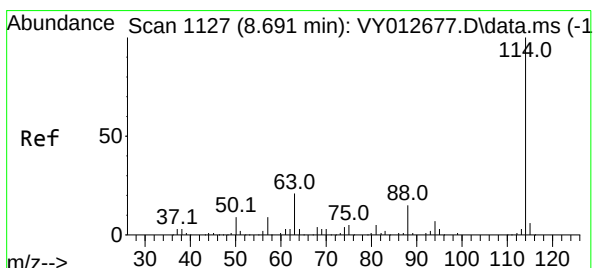
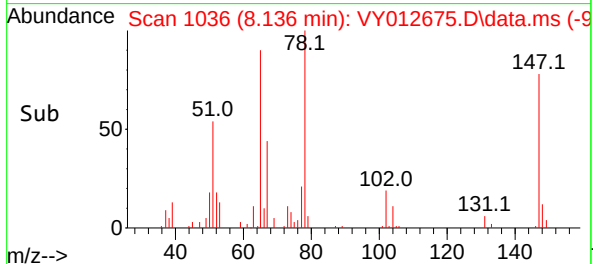
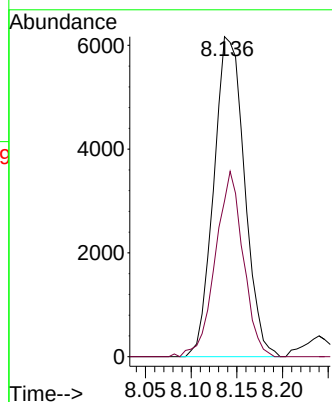
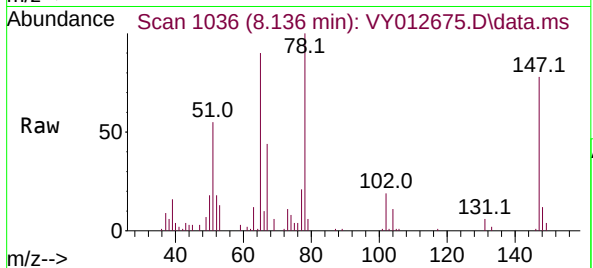
VSTDIC010

Tgt Ion: 65 Resp: 14395

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

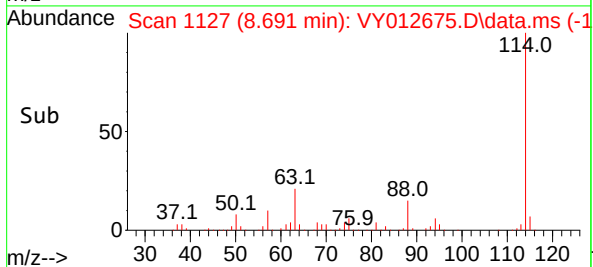
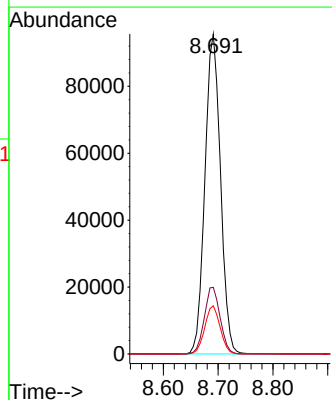
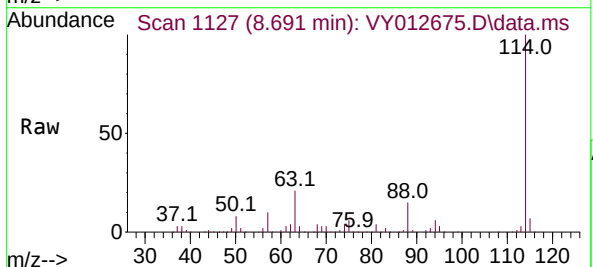
Tgt Ion: 114 Resp: 188166

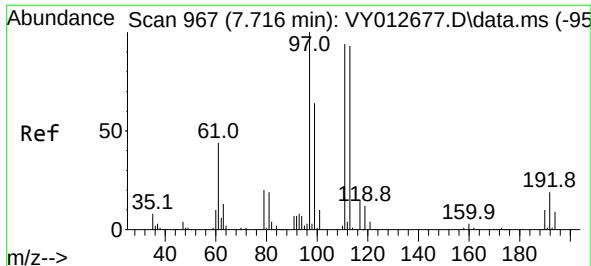
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 15.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 10.352 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

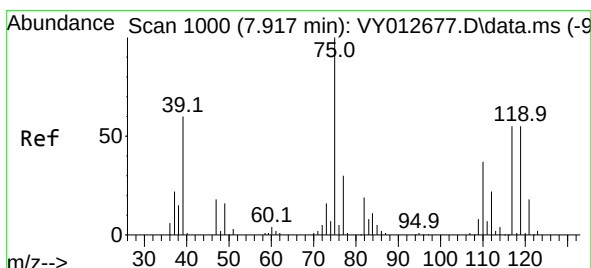
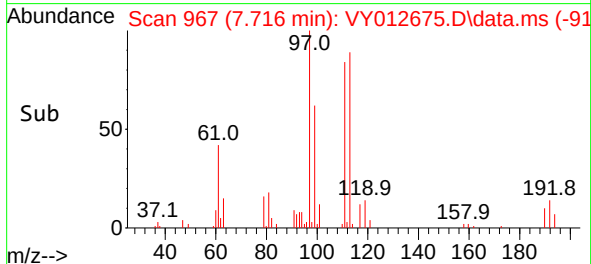
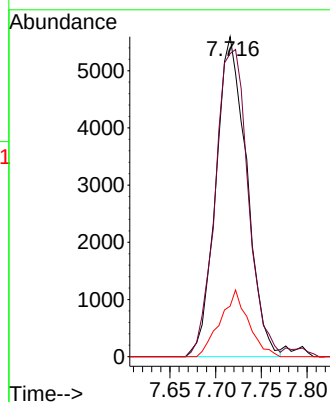
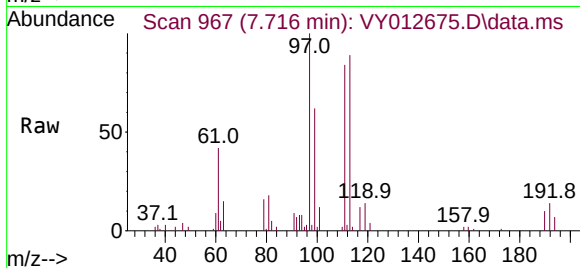
Tgt Ion:113 Resp: 13157

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 18.9 16.2 24.2



#36

1,1-Dichloropropene

Concen: 10.107 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

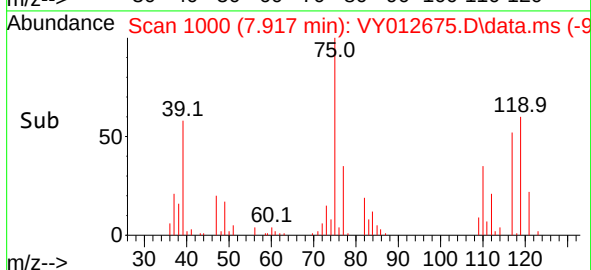
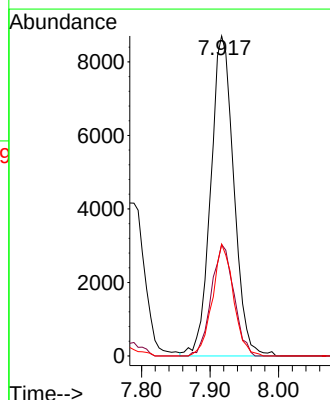
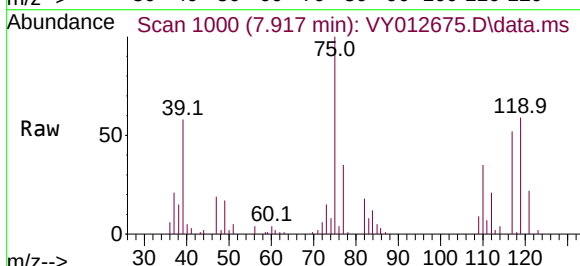
Tgt Ion: 75 Resp: 20360

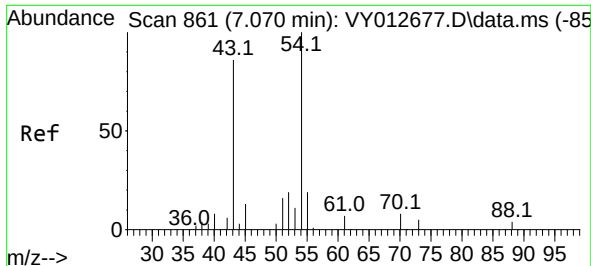
Ion Ratio Lower Upper

75 100

110 34.0 17.6 52.8

77 31.8 24.6 37.0

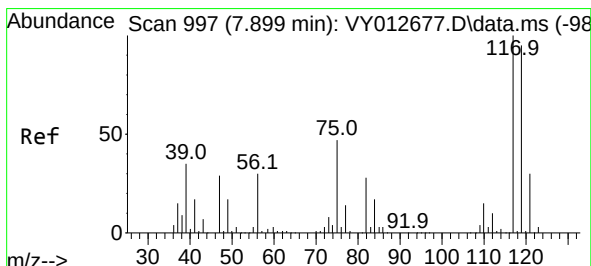
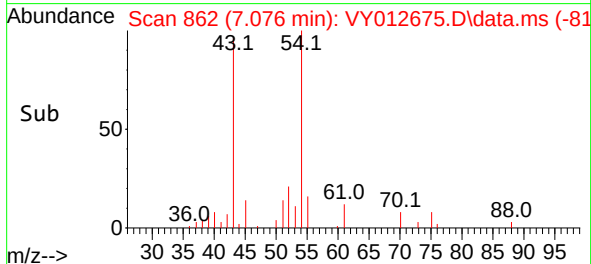
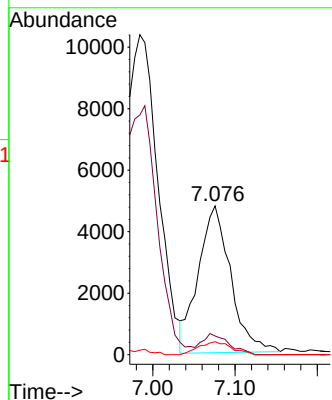
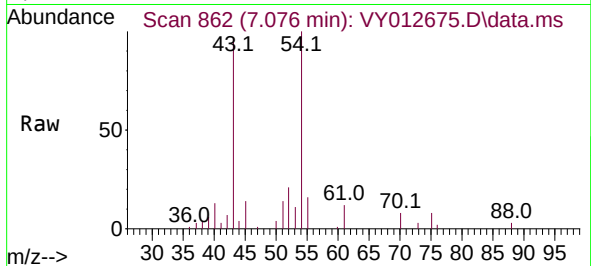




#37
Ethyl Acetate
Concen: 9.617 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

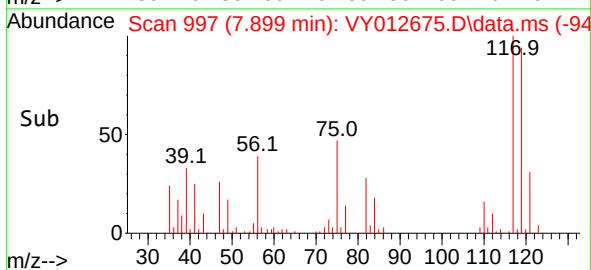
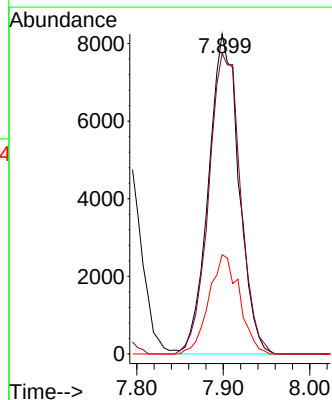
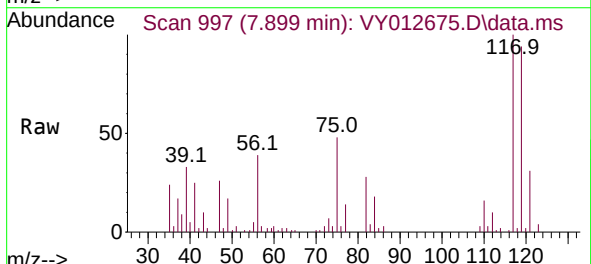
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

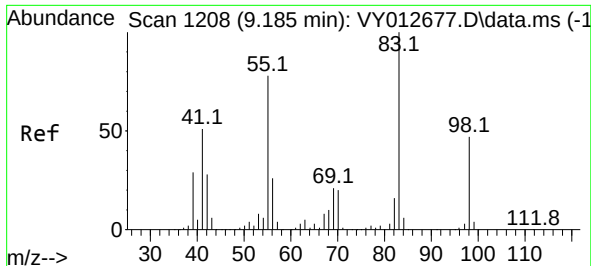
Tgt Ion: 43	Resp: 13073
Ion Ratio	Lower Upper
43 100	
61 11.6	9.9 14.9
70 8.9	6.4 9.6



#38
Carbon Tetrachloride
Concen: 9.627 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt	Ion:117	Resp:	20053
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.5	113.3
121	31.0	23.8	35.8





#39

Methylcyclohexane

Concen: 9.358 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

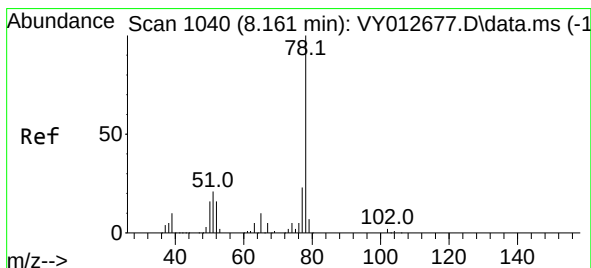
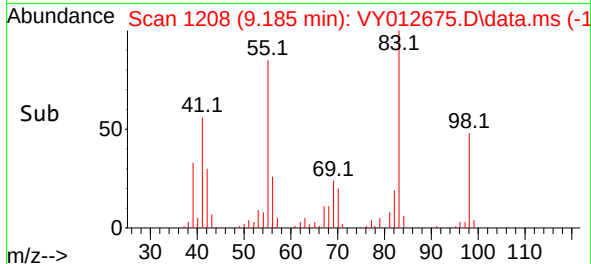
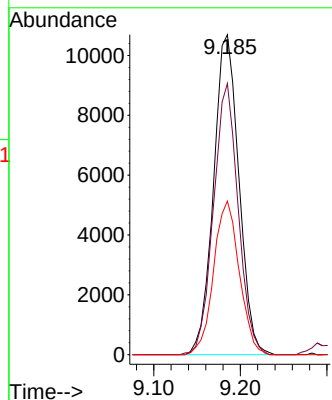
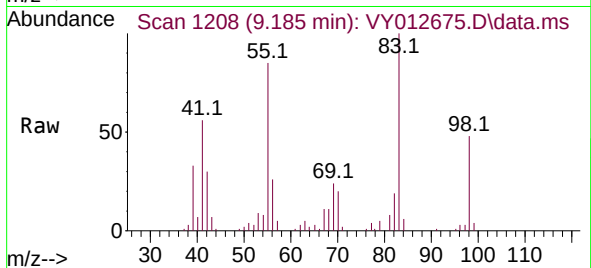
Tgt Ion: 83 Resp: 21746

Ion Ratio Lower Upper

83 100

55 84.7 62.5 93.7

98 48.0 37.8 56.6



#40

Benzene

Concen: 10.234 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012675.D

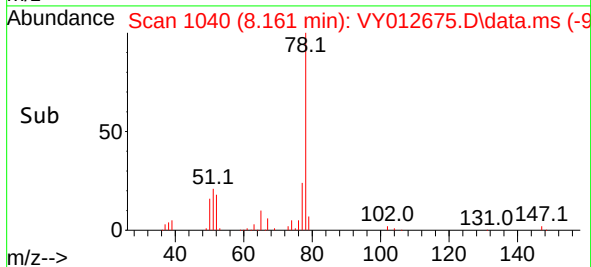
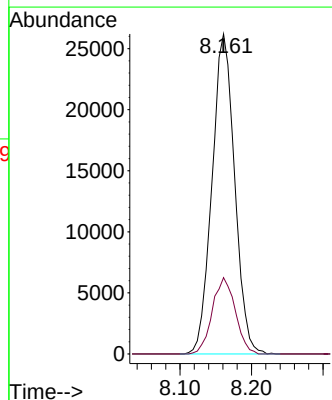
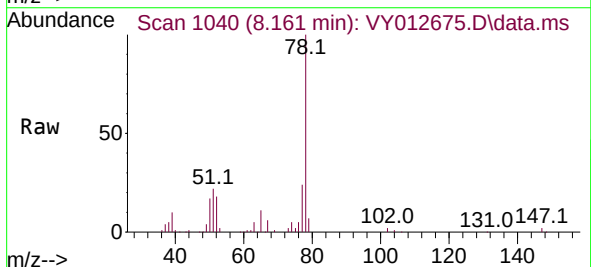
Acq: 21 Feb 2023 15:38

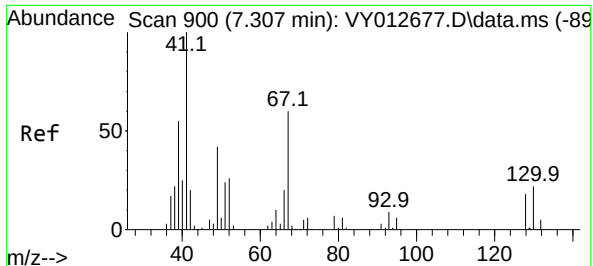
Tgt Ion: 78 Resp: 57549

Ion Ratio Lower Upper

78 100

77 23.8 18.5 27.7

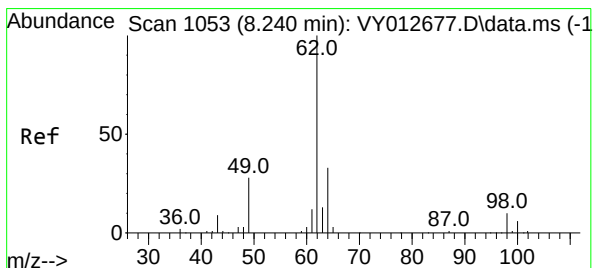
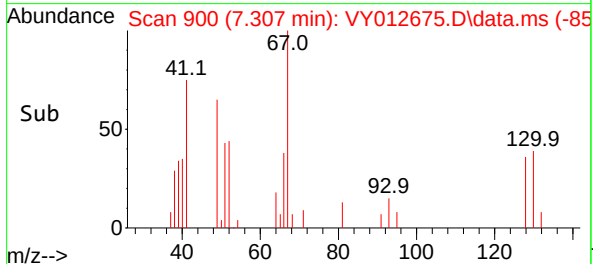
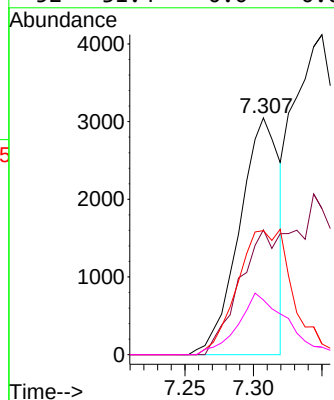
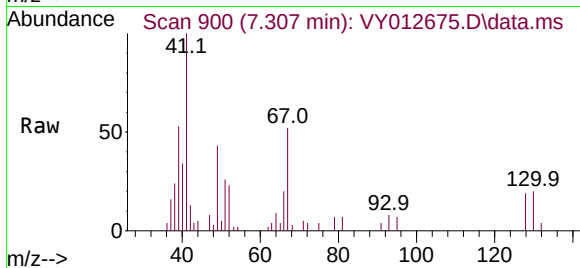




#41
Methacrylonitrile
Concen: 9.345 ug/l
RT: 7.307 min Scan# 900
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

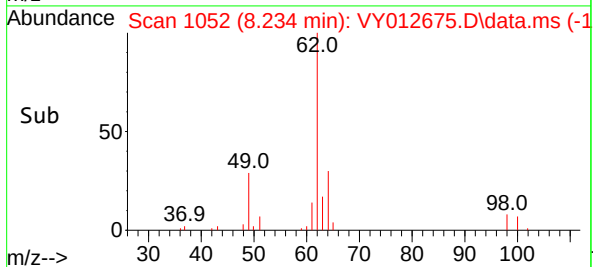
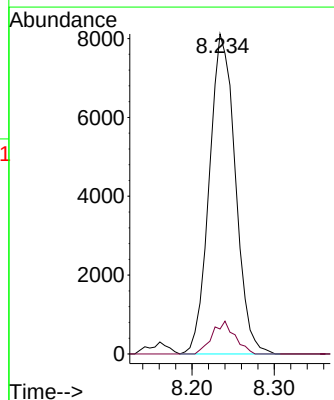
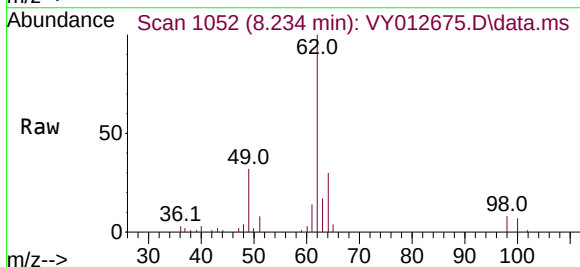
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

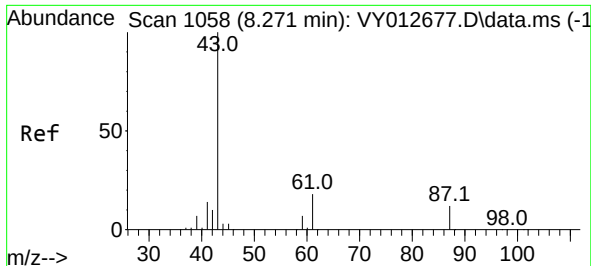
Tgt Ion:	41	Resp:	6188
Ion	Ratio	Lower	Upper
41	100		
39	44.4	0.0	0.0#
67	72.2	0.0	0.0#
52	31.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 10.262 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion:	62	Resp:	17894
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.8





#43

Isopropyl Acetate

Concen: 9.502 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

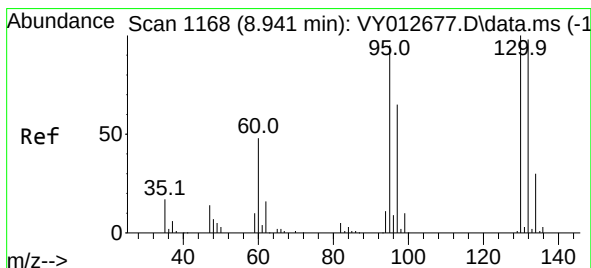
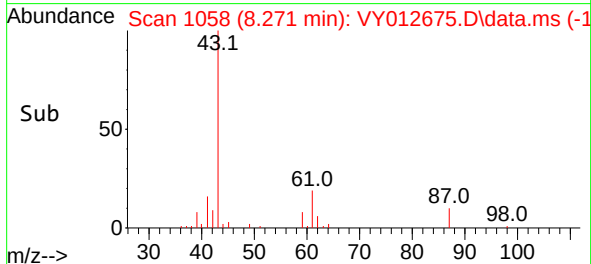
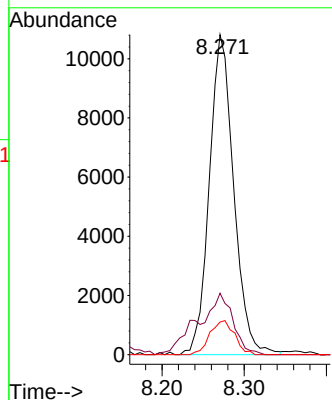
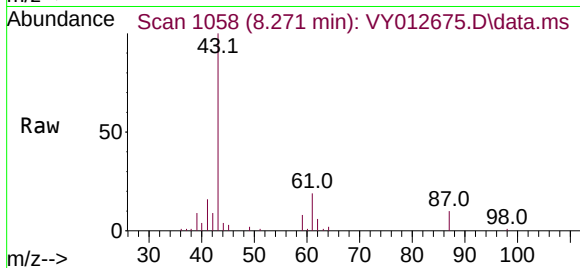
Tgt Ion: 43 Resp: 22320

Ion Ratio Lower Upper

43 100

61 19.0 20.5 30.7#

87 10.8 9.2 13.8



#44

Trichloroethene

Concen: 10.001 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY012675.D

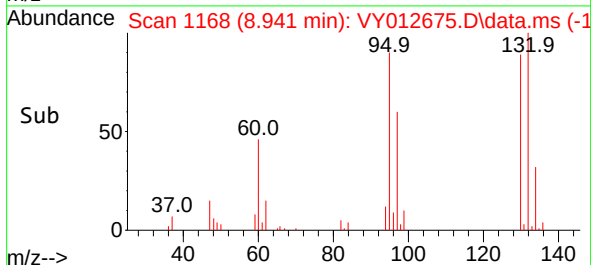
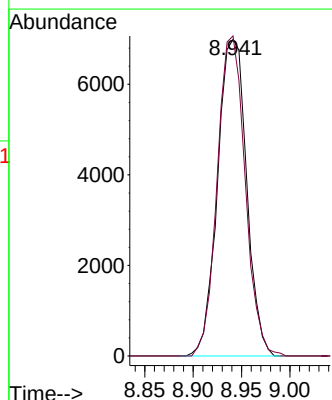
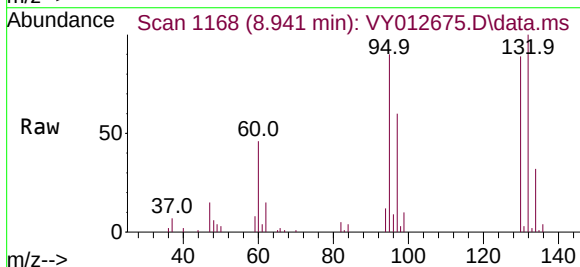
Acq: 21 Feb 2023 15:38

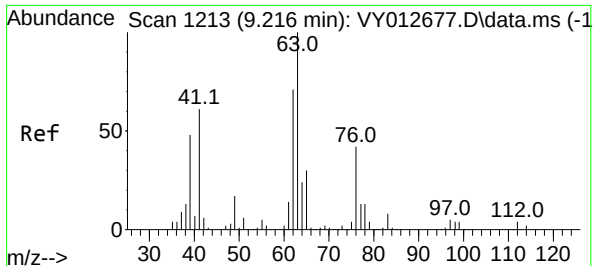
Tgt Ion:130 Resp: 14540

Ion Ratio Lower Upper

130 100

95 101.1 0.0 190.6





#45

1,2-Dichloropropane

Concen: 10.127 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

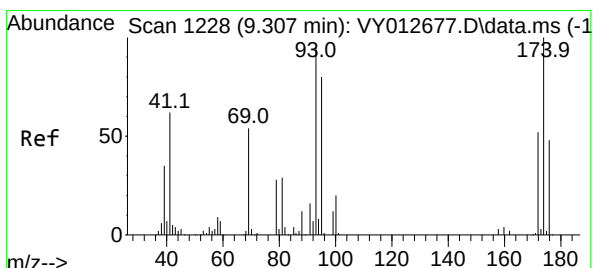
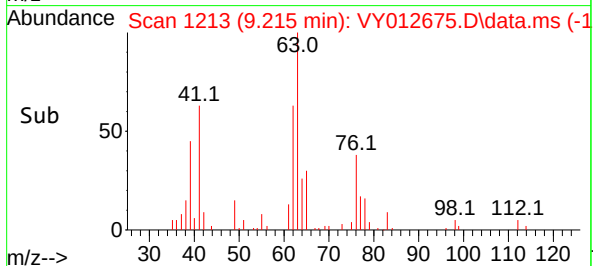
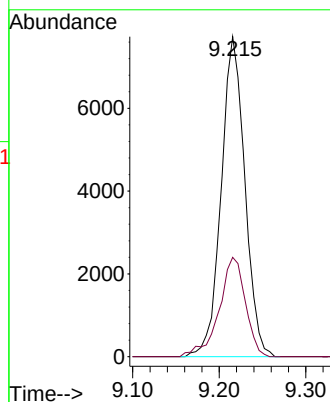
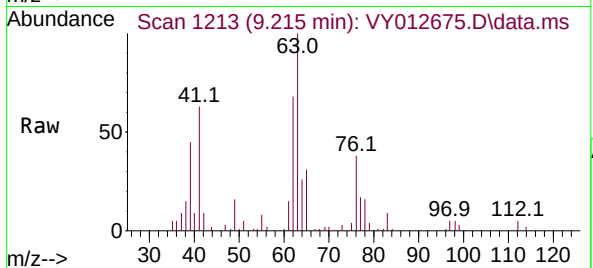
VSTDICC010

Tgt Ion: 63 Resp: 14648

Ion Ratio Lower Upper

63 100

65 31.1 23.9 35.9



#46

Dibromomethane

Concen: 10.143 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

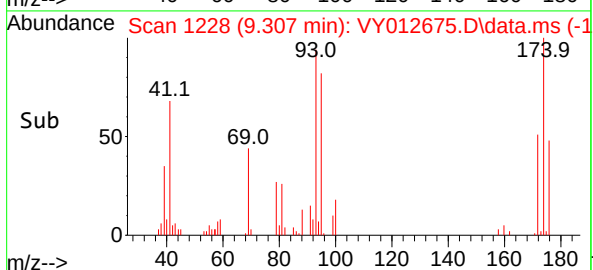
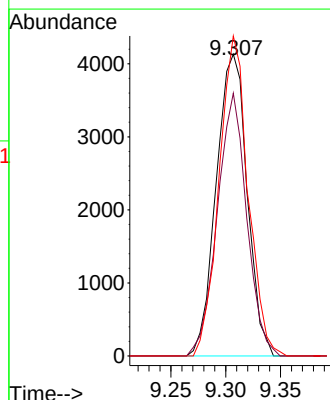
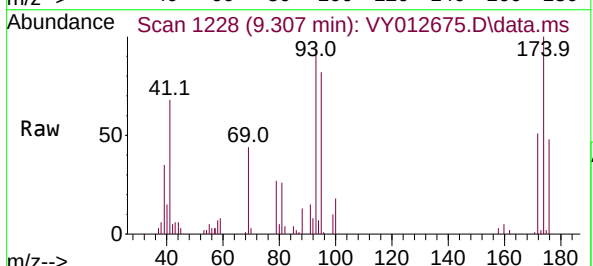
Tgt Ion: 93 Resp: 8099

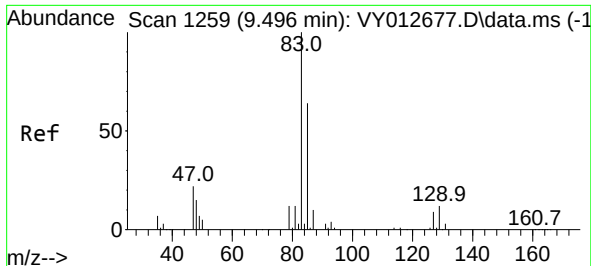
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

174 99.6 79.8 119.6

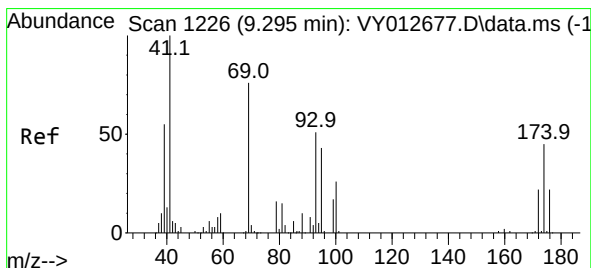
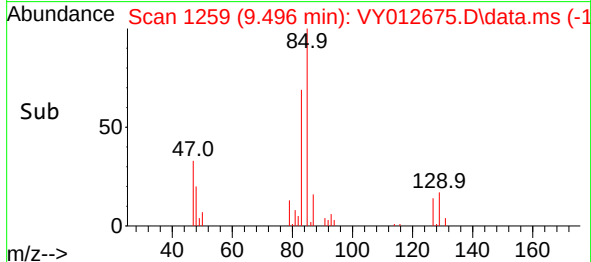
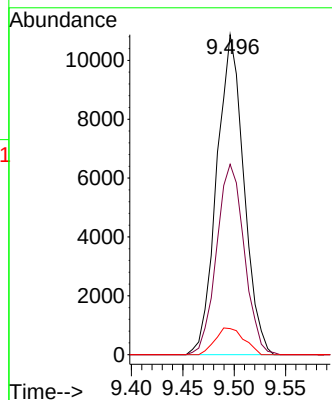
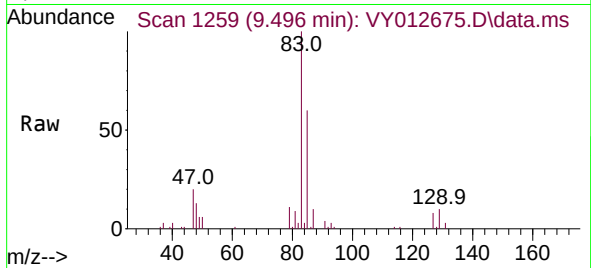




#47
Bromodichloromethane
Concen: 10.360 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

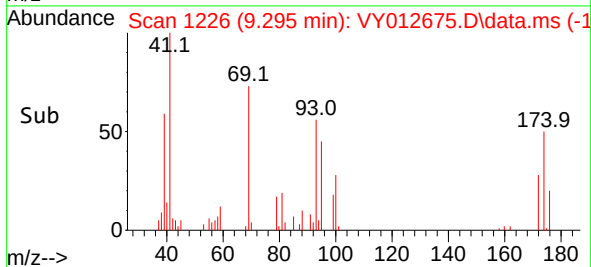
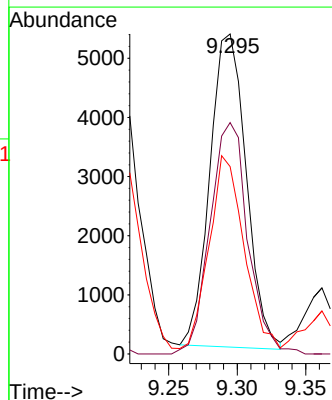
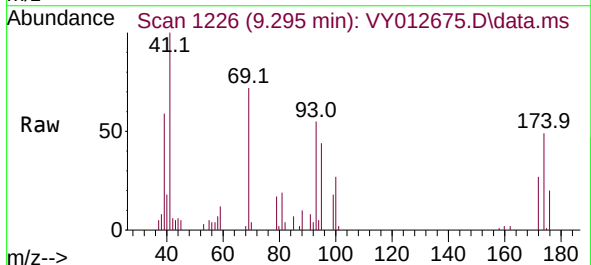
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

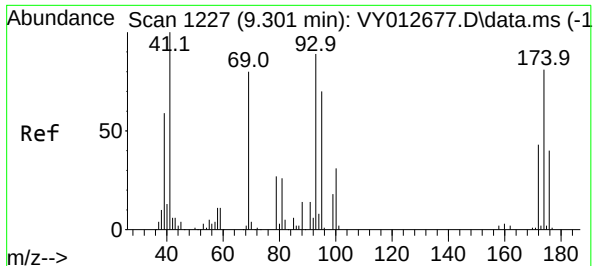
Tgt Ion: 83	Resp:	19914	
Ion Ratio	Lower	Upper	
83	100		
85	59.5	50.9	76.3
127	8.2	7.1	10.7



#48
Methyl methacrylate
Concen: 8.895 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 41	Resp:	9750	
Ion	Ratio	Lower	Upper
41	100		
69	77.1	62.6	93.8
39	59.7	45.1	67.7





#49

1,4-Dioxane

Concen: 167.228 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

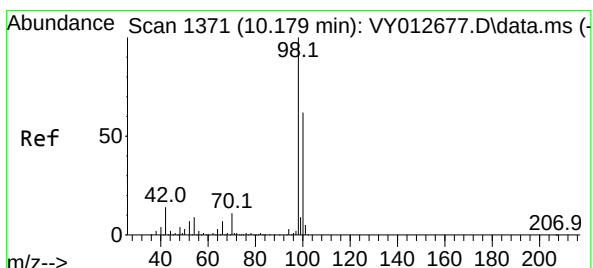
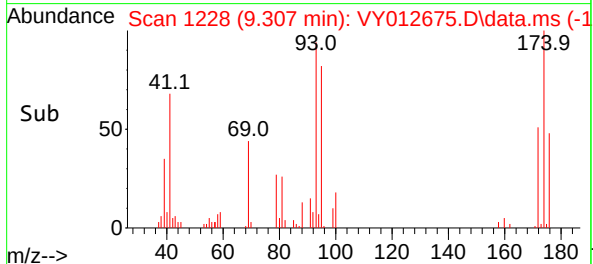
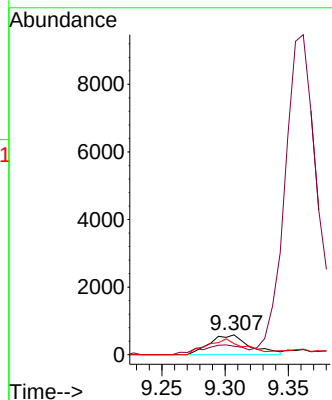
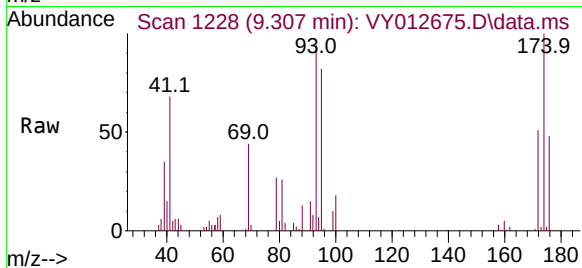
Tgt Ion: 88 Resp: 1285

Ion Ratio Lower Upper

88 100

43 53.2 23.1 34.7#

58 78.1 45.8 68.8#



#50

Toluene-d8

Concen: 10.399 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012675.D

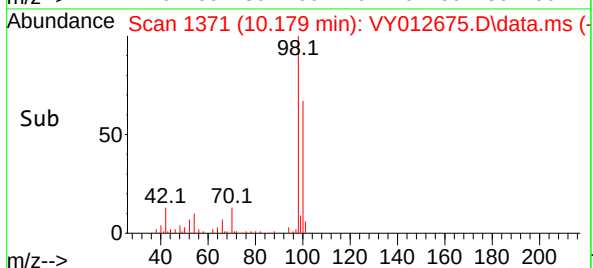
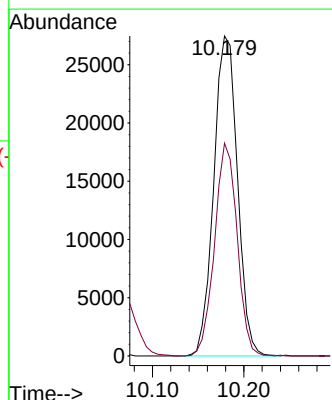
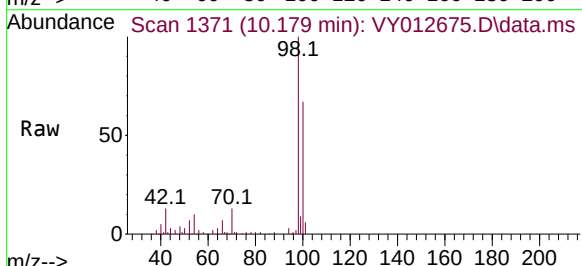
Acq: 21 Feb 2023 15:38

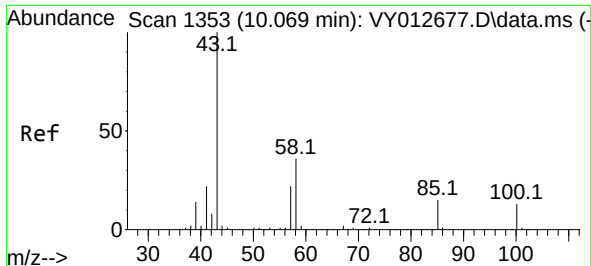
Tgt Ion: 98 Resp: 49516

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8

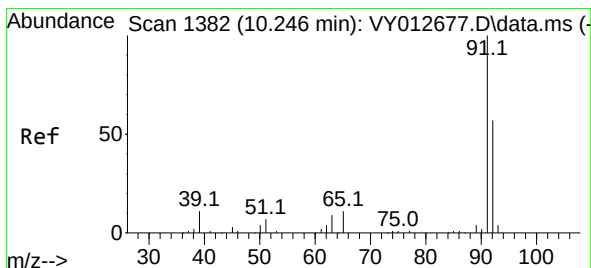
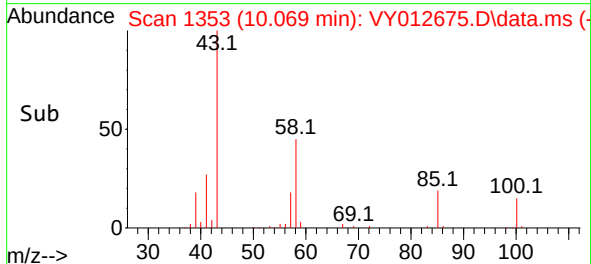
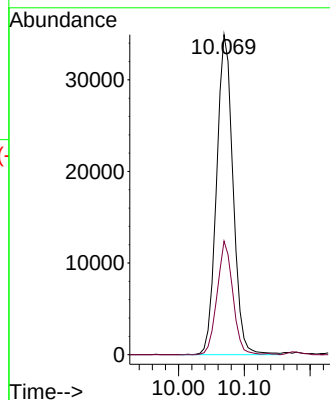
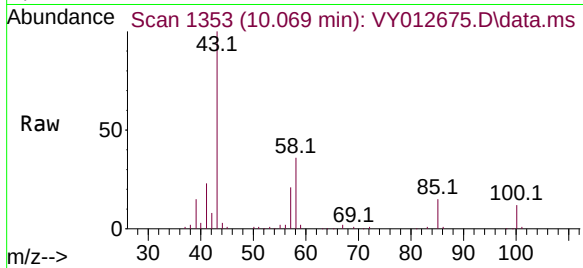




#51
4-Methyl-2-Pentanone
Concen: 48.021 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

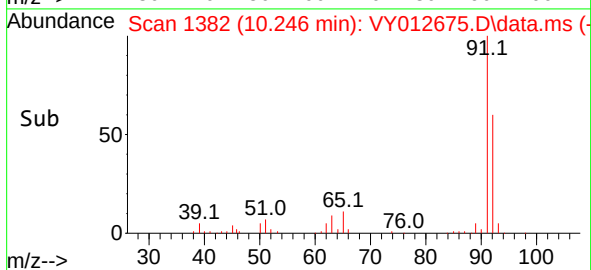
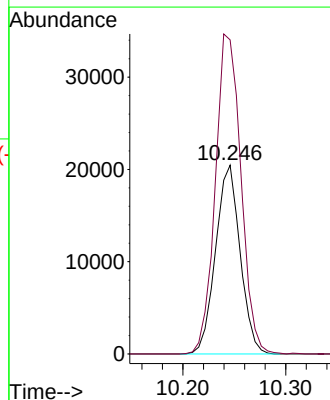
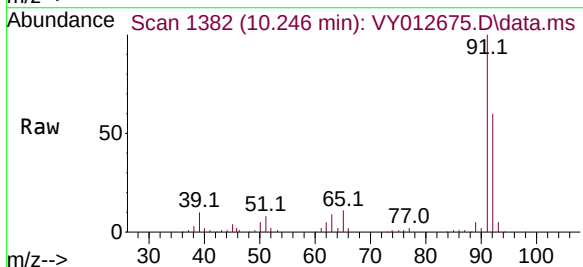
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

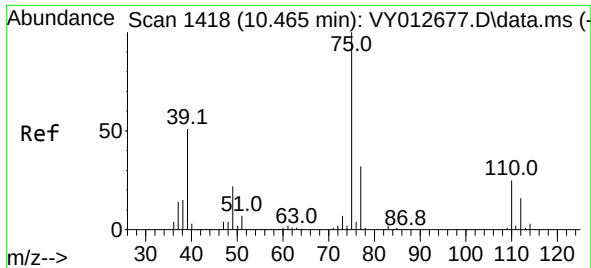
Tgt Ion: 43 Resp: 60848
Ion Ratio Lower Upper
43 100
58 33.8 28.8 43.2



#52
Toluene
Concen: 10.162 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 92 Resp: 33857
Ion Ratio Lower Upper
92 100
91 177.1 139.5 209.3

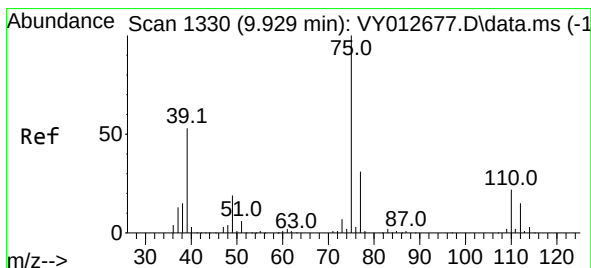
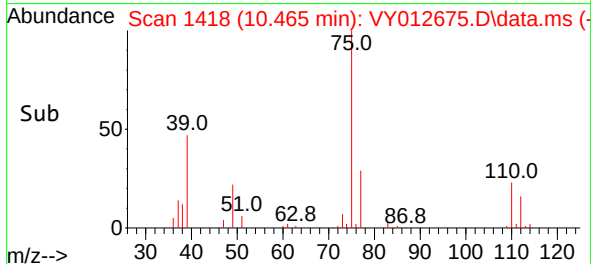
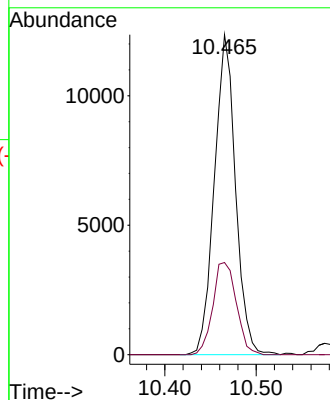
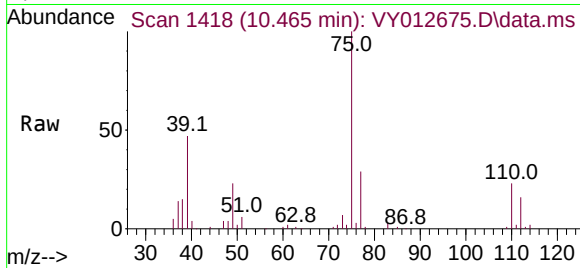




#53
 t-1,3-Dichloropropene
 Concen: 9.891 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012675.D
 Acq: 21 Feb 2023 15:38

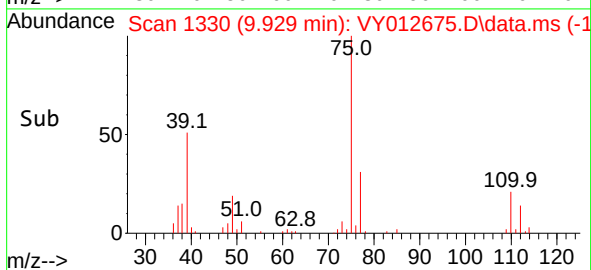
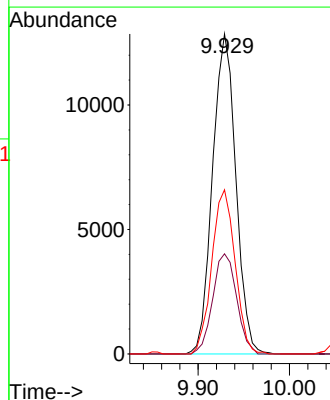
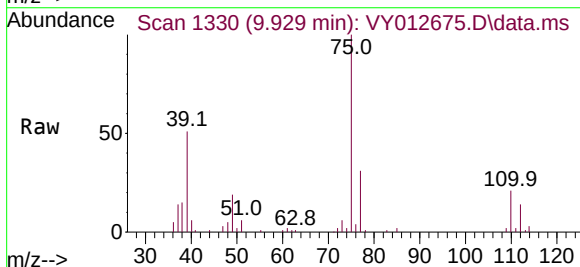
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

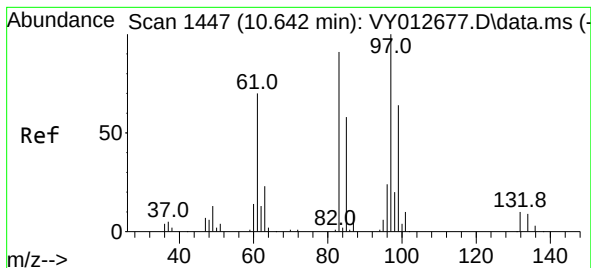
Tgt Ion: 75 Resp: 19868
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 10.009 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012675.D
 Acq: 21 Feb 2023 15:38

Tgt Ion: 75 Resp: 22750
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3
 39 51.3 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 10.312 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 11184

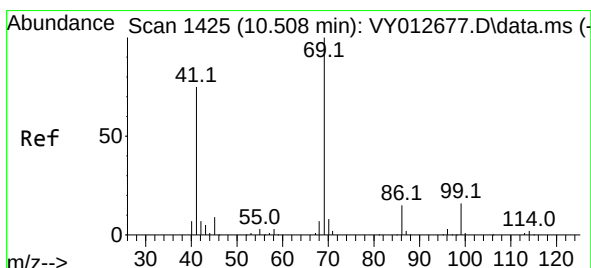
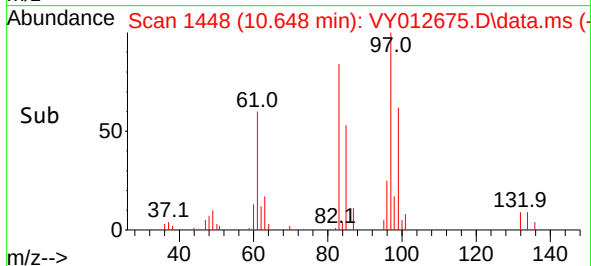
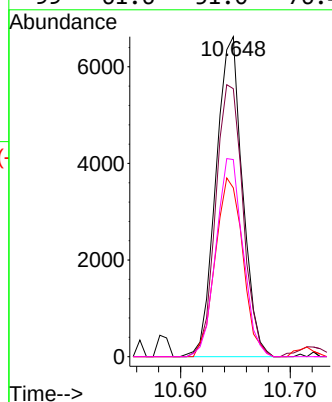
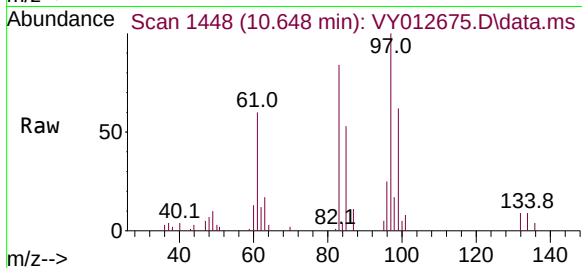
Ion Ratio Lower Upper

97 100

83 83.8 73.1 109.7

85 52.8 46.1 69.1

99 61.6 51.0 76.4



#56

Ethyl methacrylate

Concen: 9.307 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

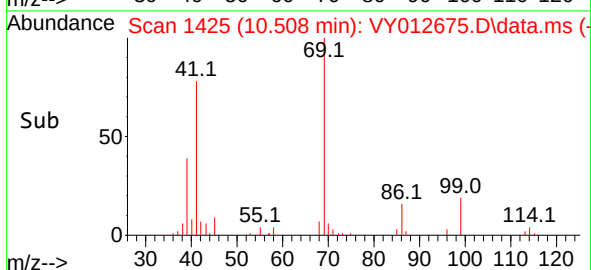
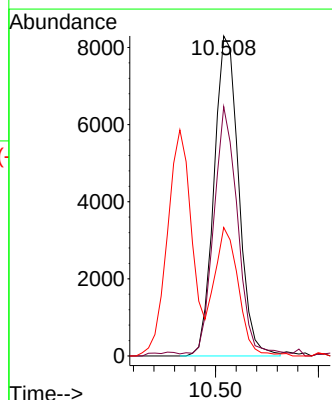
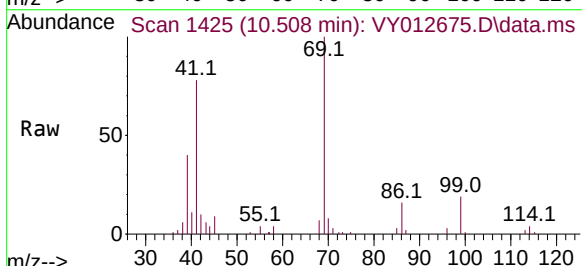
Tgt Ion: 69 Resp: 13785

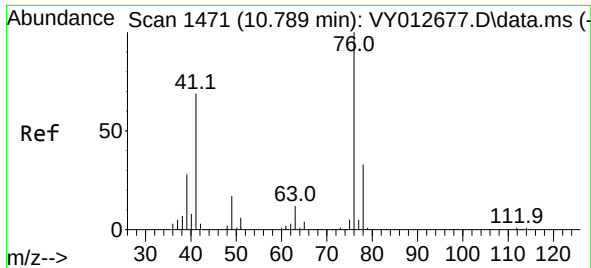
Ion Ratio Lower Upper

69 100

41 76.8 60.2 90.4

39 39.0 32.4 48.6

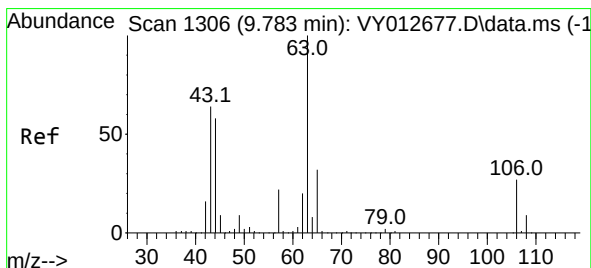
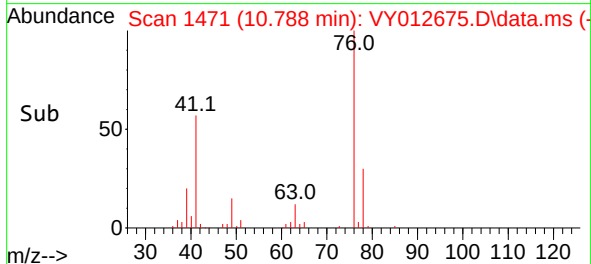
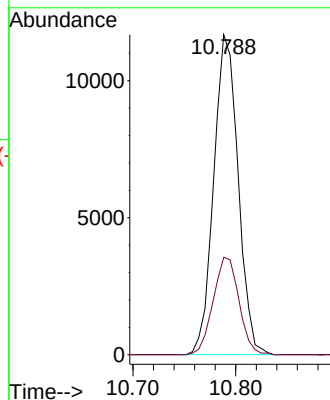
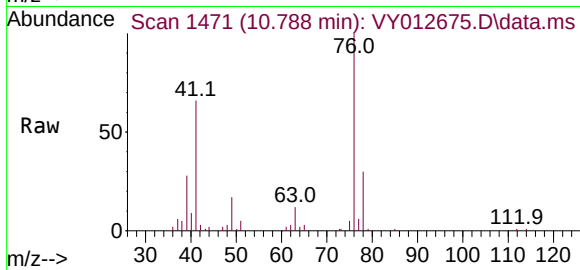




#57
1,3-Dichloropropane
Concen: 10.084 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

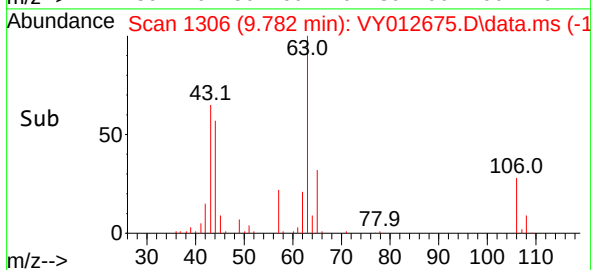
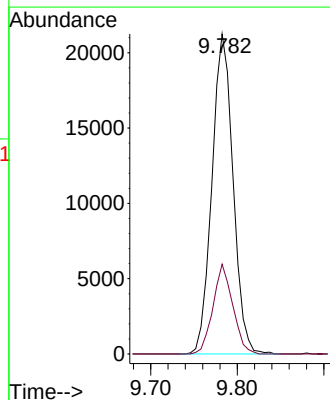
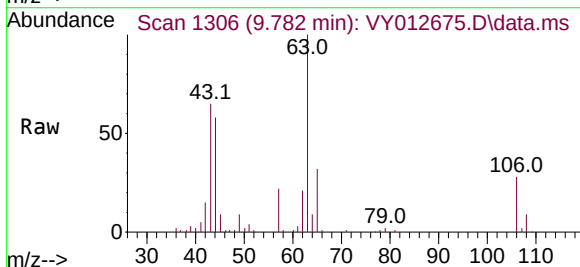
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

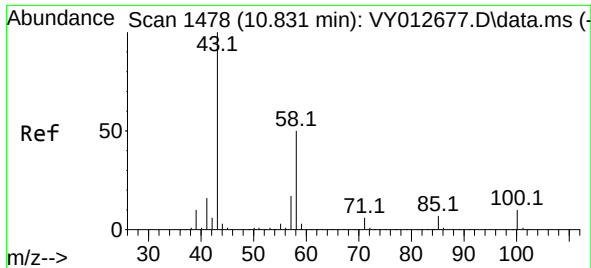
Tgt Ion: 76 Resp: 19221
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 41.865 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 63 Resp: 35917
Ion Ratio Lower Upper
63 100
106 26.3 21.0 31.6

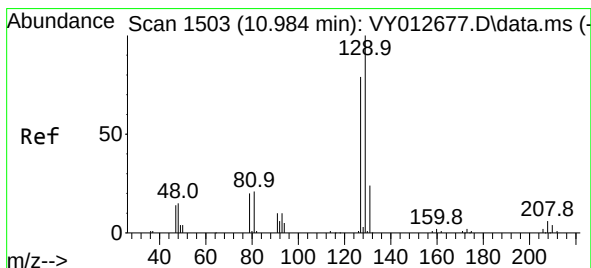
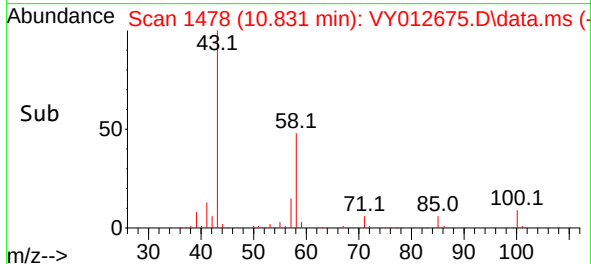
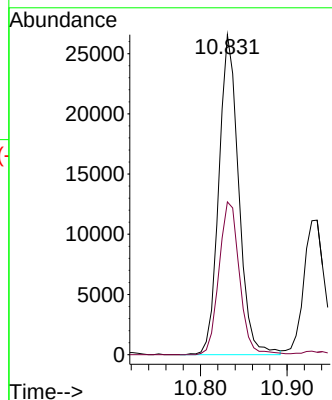
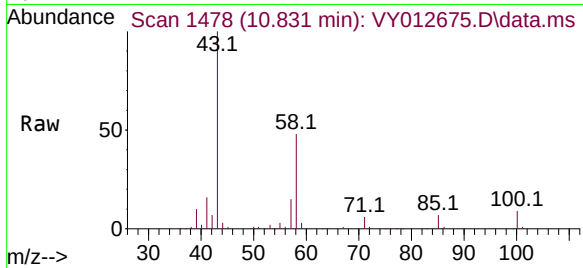




#59
2-Hexanone
Concen: 47.050 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

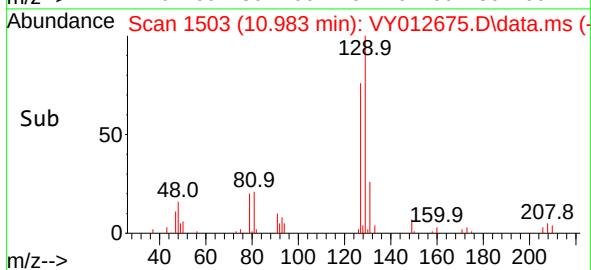
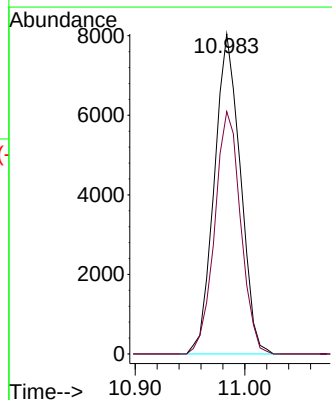
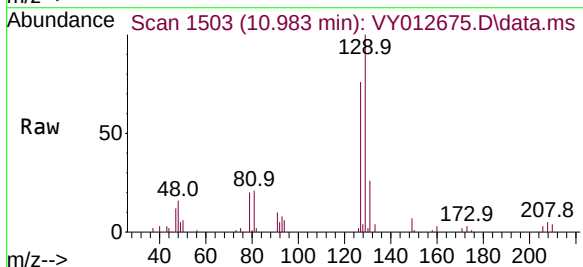
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

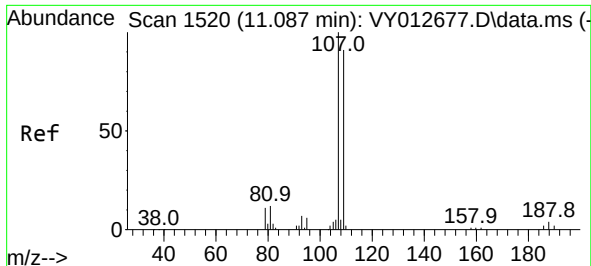
Tgt Ion: 43 Resp: 42264
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6



#60
Dibromochloromethane
Concen: 10.092 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 129 Resp: 13260
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.3

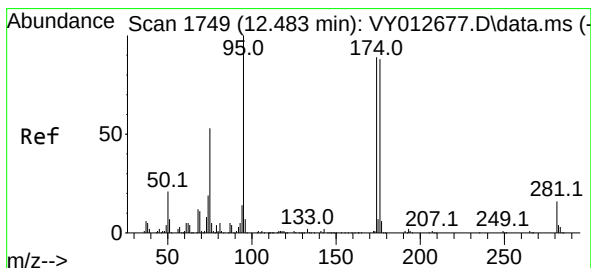
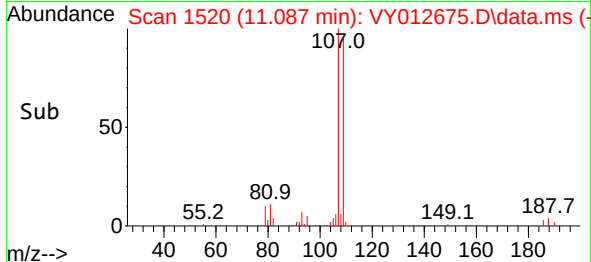
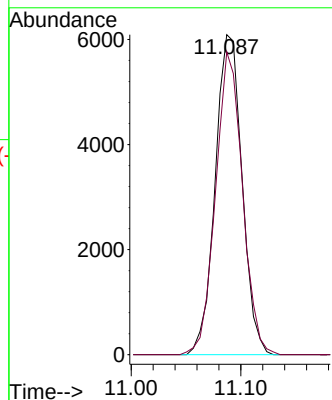
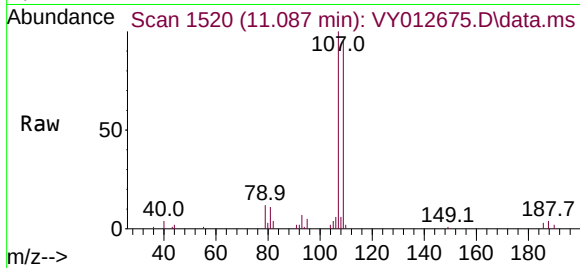




#61
1,2-Dibromoethane
Concen: 9.987 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

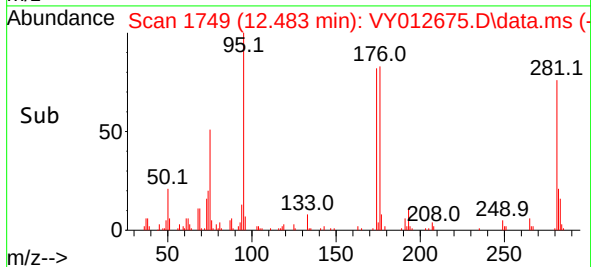
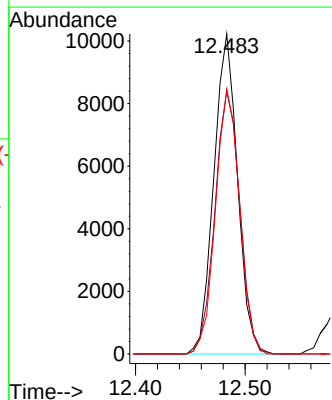
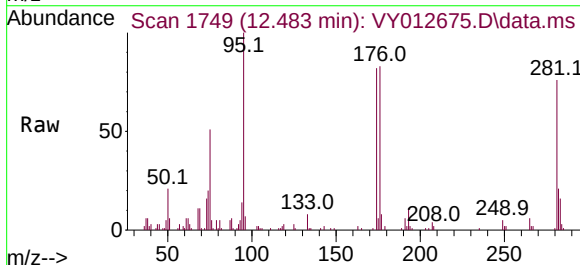
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

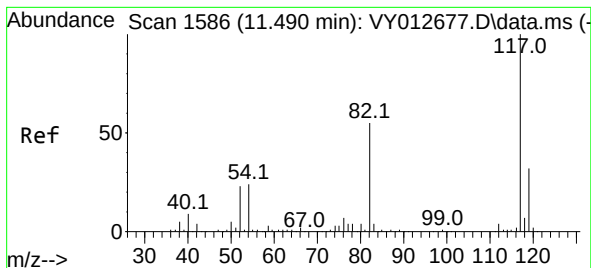
Tgt Ion:107 Resp: 10377
Ion Ratio Lower Upper
107 100
109 94.6 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 10.069 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 95 Resp: 15342
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.8
176 84.4 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

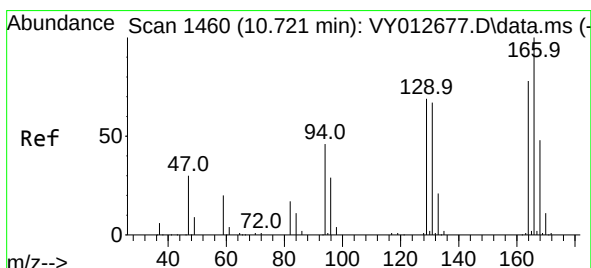
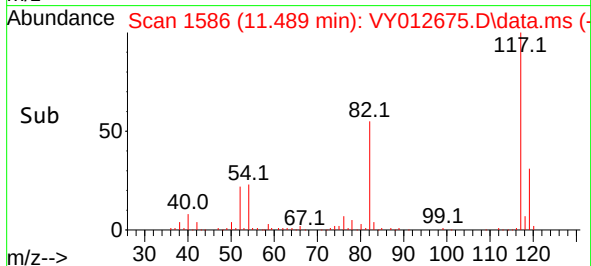
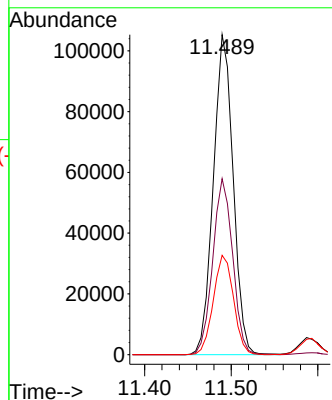
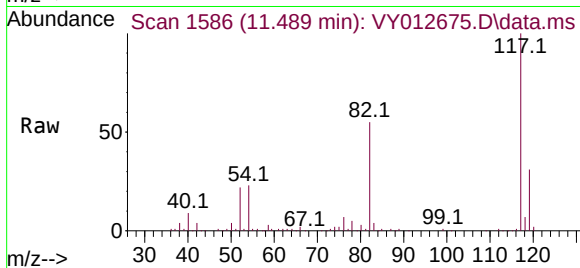
Tgt Ion:117 Resp: 167410

Ion Ratio Lower Upper

117 100

82 55.0 44.1 66.1

119 31.1 25.5 38.3



#64

Tetrachloroethene

Concen: 9.954 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Tgt Ion:164 Resp: 12119

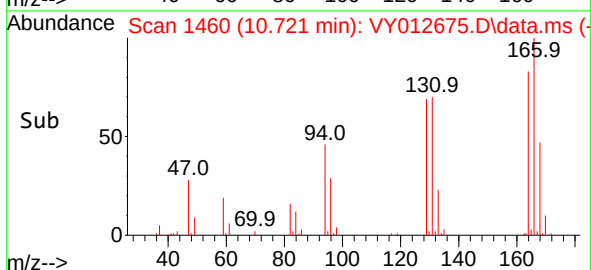
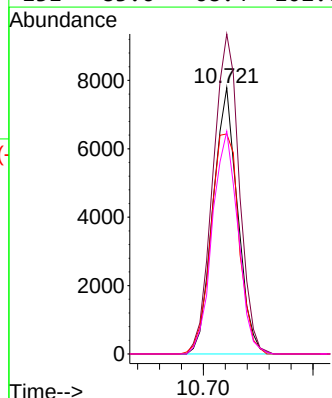
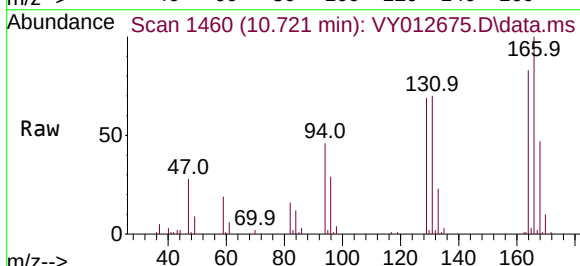
Ion Ratio Lower Upper

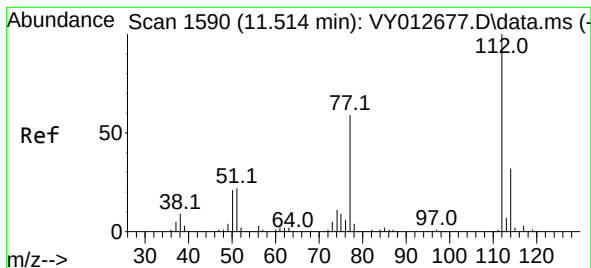
164 100

166 120.2 102.2 153.4

129 82.7 71.0 106.6

131 83.6 68.4 102.6





#65

Chlorobenzene

Concen: 10.189 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

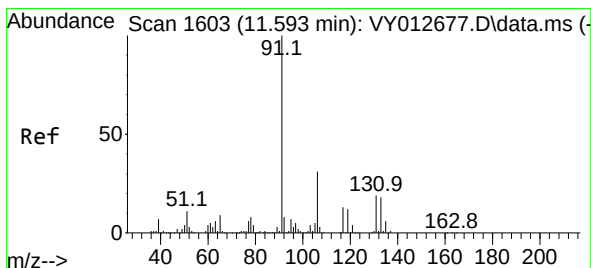
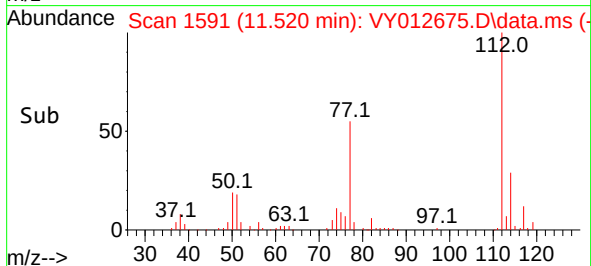
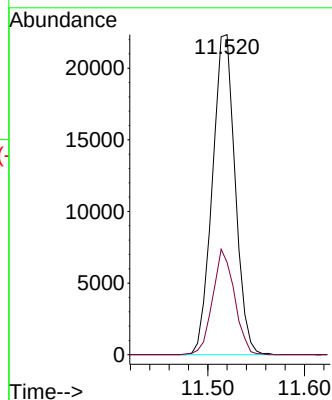
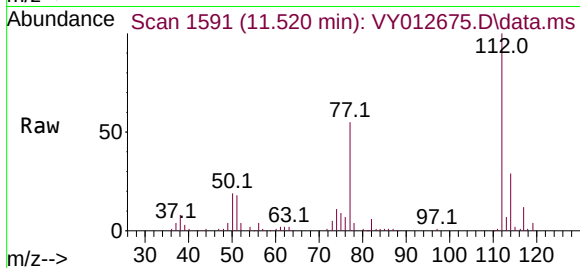
VSTDIC010

Tgt Ion:112 Resp: 36579

Ion Ratio Lower Upper

112 100

114 28.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 10.199 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

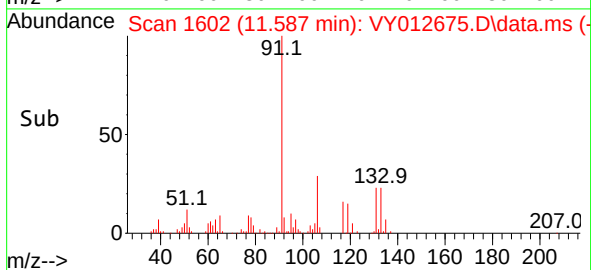
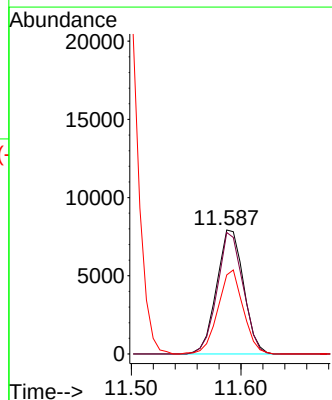
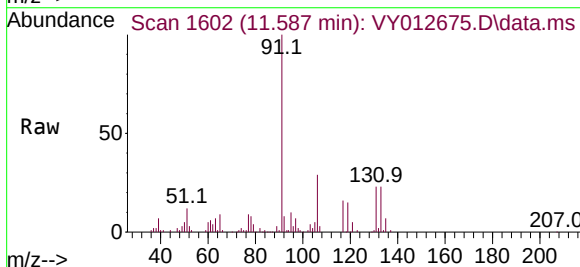
Tgt Ion:131 Resp: 13569

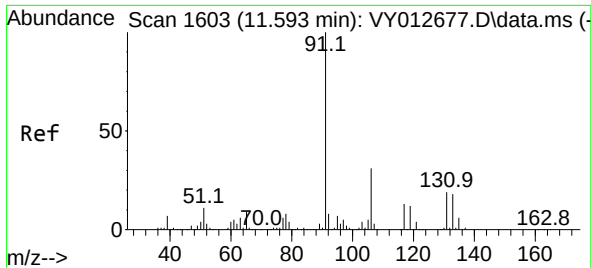
Ion Ratio Lower Upper

131 100

133 94.1 47.1 141.3

119 63.5 32.4 97.2

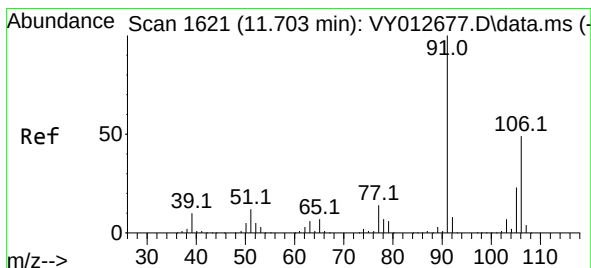
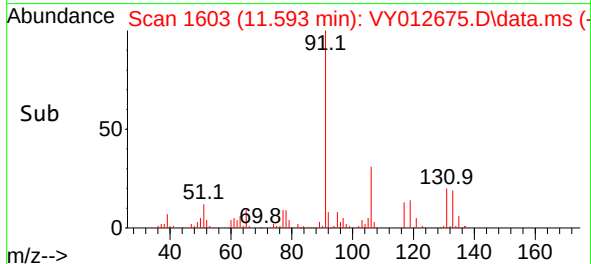
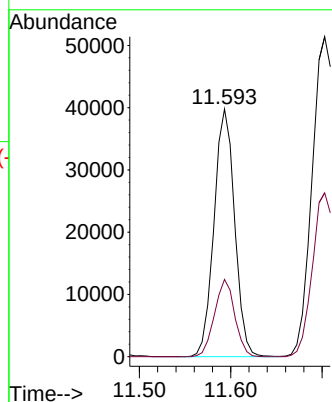
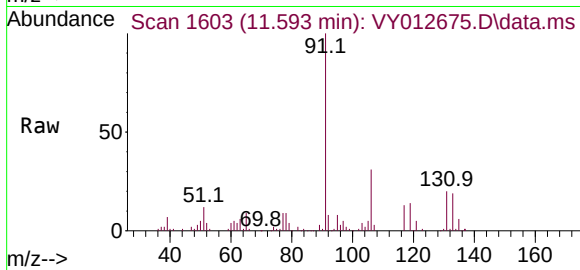




#67
Ethyl Benzene
Concen: 9.714 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

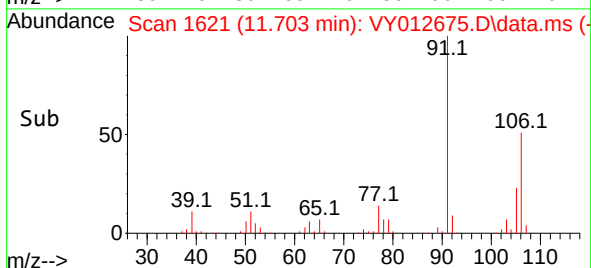
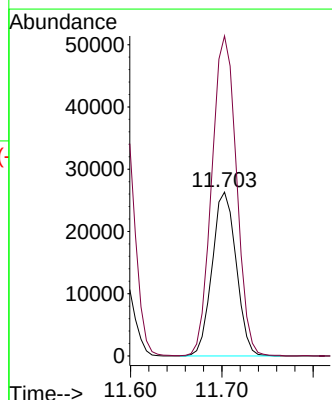
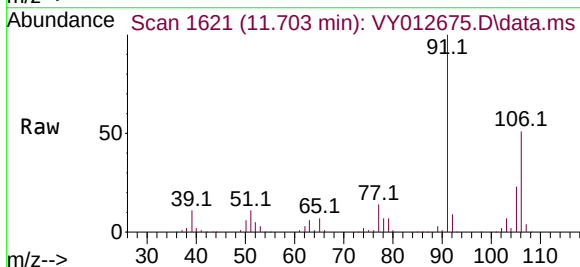
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

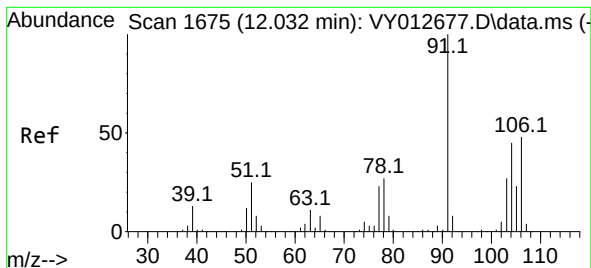
Tgt Ion: 91 Resp: 62335
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 19.649 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion:106 Resp: 48098
Ion Ratio Lower Upper
106 100
91 200.7 163.2 244.8





#69

o-Xylene

Concen: 9.538 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

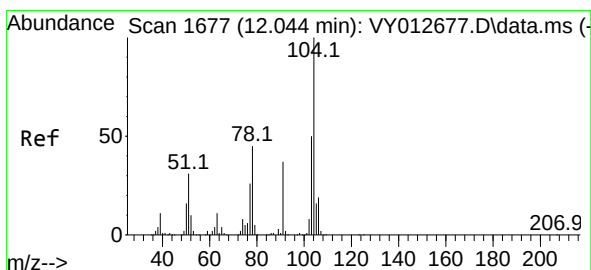
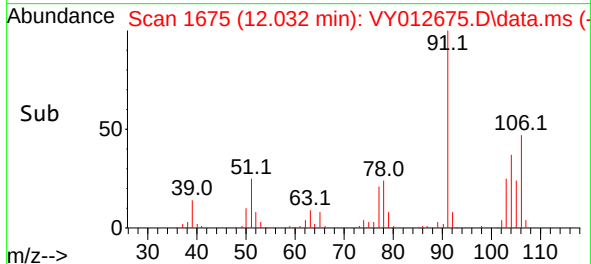
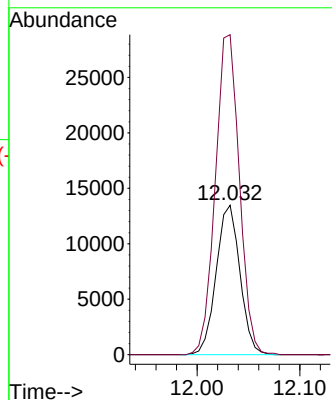
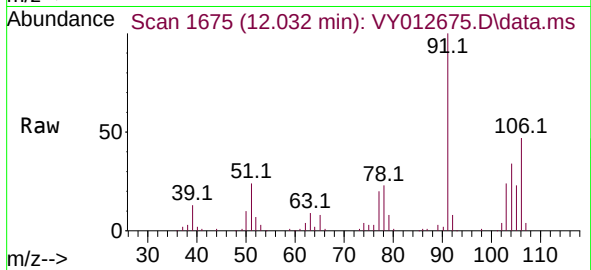
VSTDIC010

Tgt Ion:106 Resp: 21626

Ion Ratio Lower Upper

106 100

91 216.7 106.3 319.0



#70

Styrene

Concen: 9.694 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

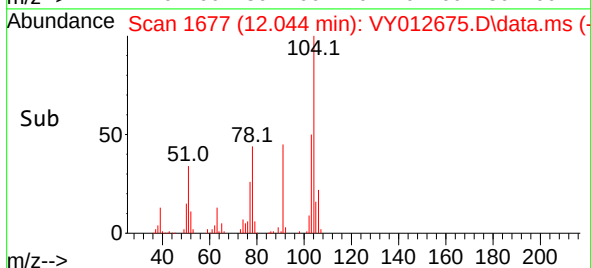
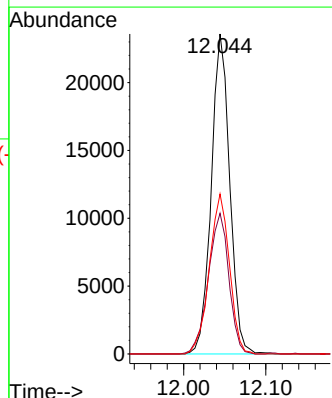
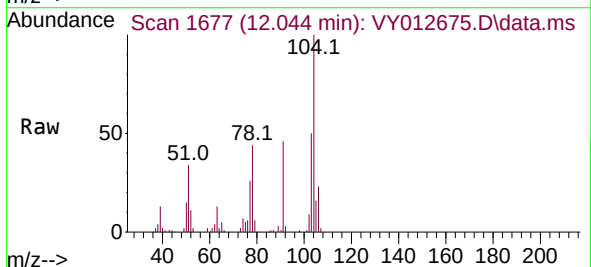
Tgt Ion:104 Resp: 36839

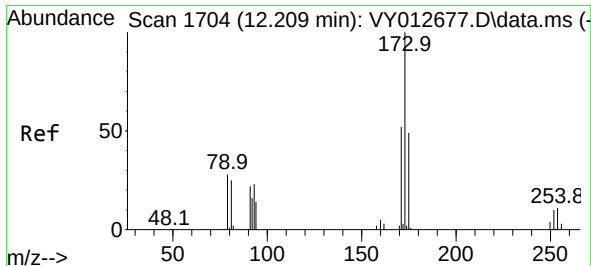
Ion Ratio Lower Upper

104 100

78 48.8 40.6 61.0

103 54.3 44.1 66.1

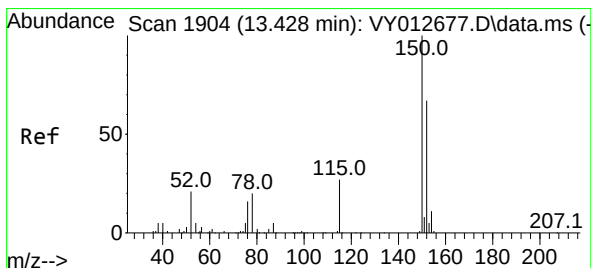
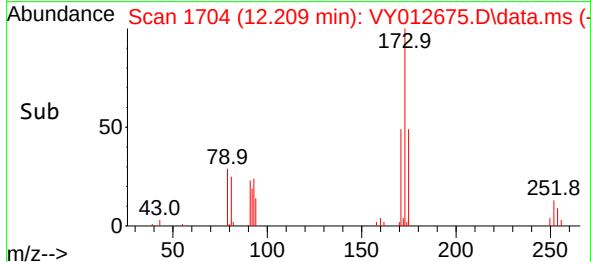
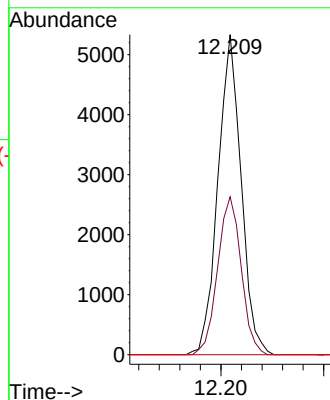
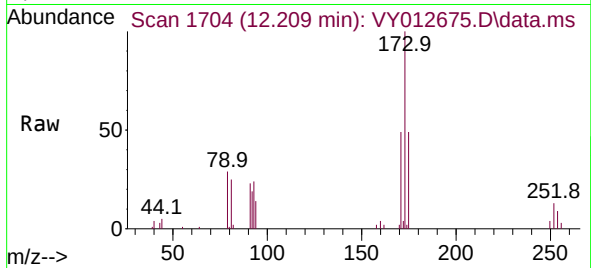




#71
Bromoform
Concen: 9.821 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

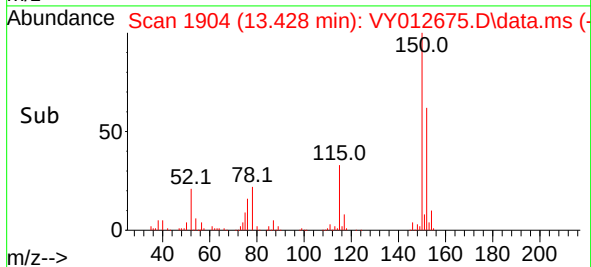
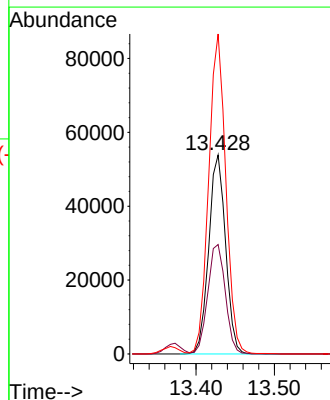
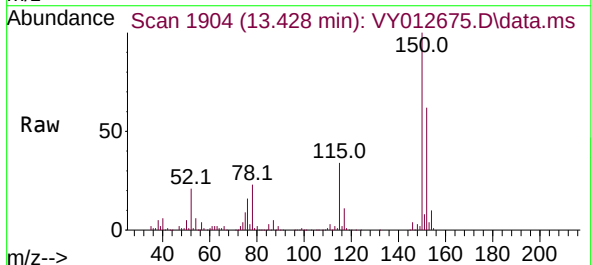
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

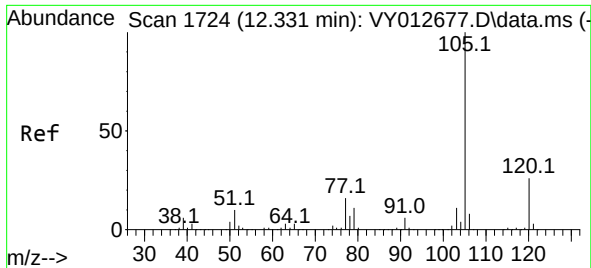
Tgt Ion:173 Resp: 8338
Ion Ratio Lower Upper
173 100
175 50.2 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion:152 Resp: 80409
Ion Ratio Lower Upper
152 100
115 57.3 28.7 86.3
150 163.3 0.0 347.6

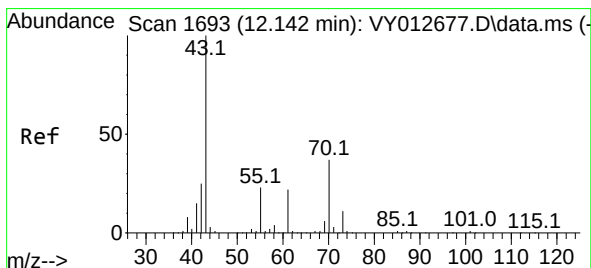
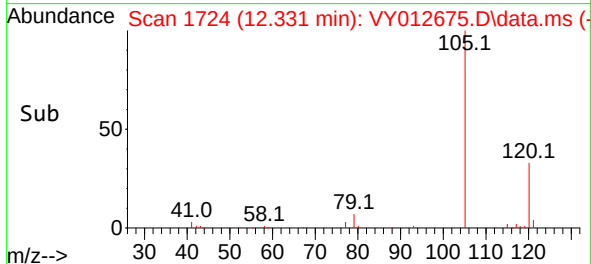
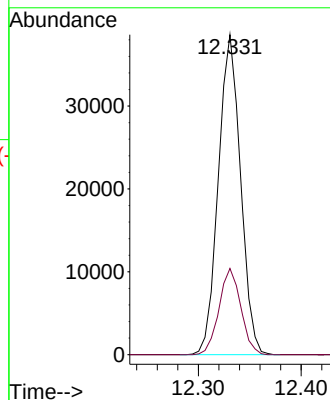
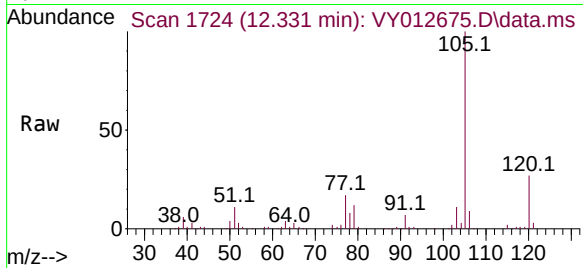




#73
Isopropylbenzene
Concen: 9.739 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

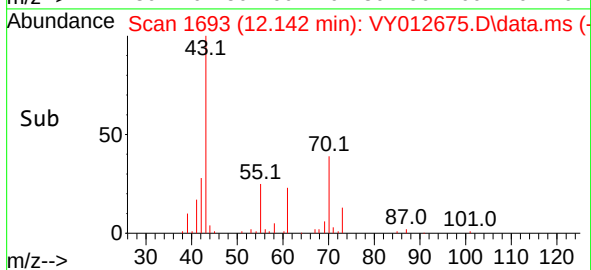
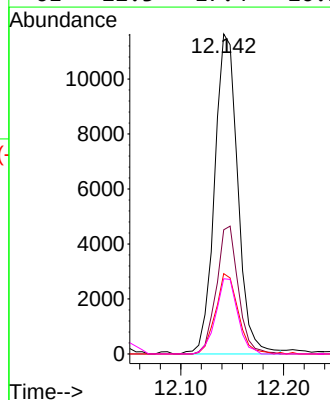
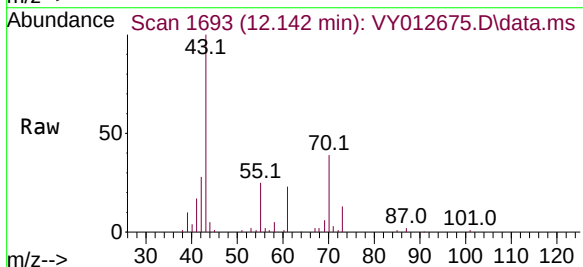
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

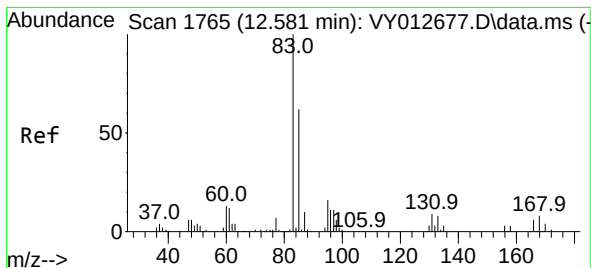
Tgt Ion:105 Resp: 57870
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 9.329 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 43 Resp: 18222
Ion Ratio Lower Upper
43 100
70 37.6 29.8 44.6
55 24.3 18.2 27.2
61 22.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.426 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

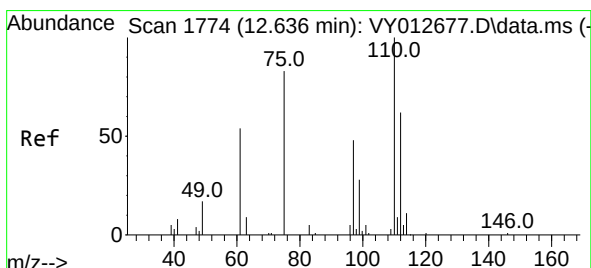
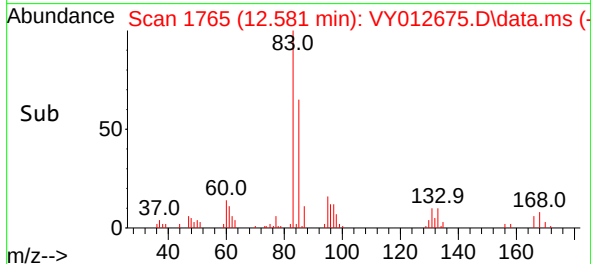
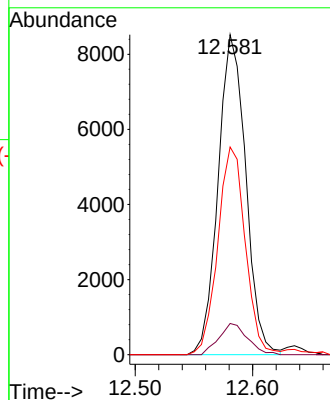
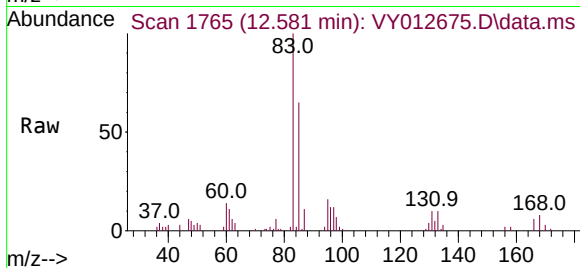
Tgt Ion: 83 Resp: 13930

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 64.4 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 18.157 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012675.D

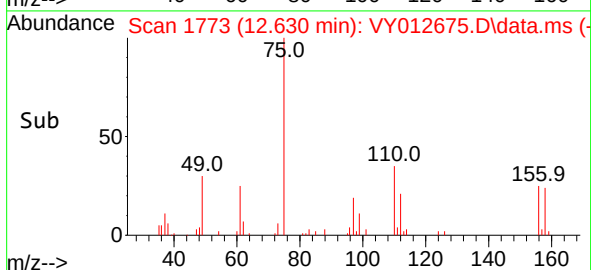
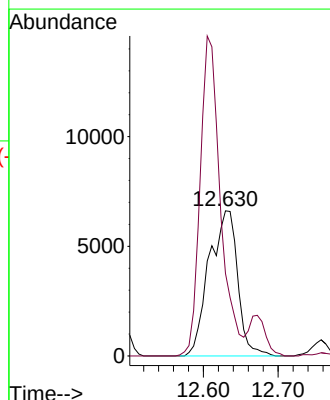
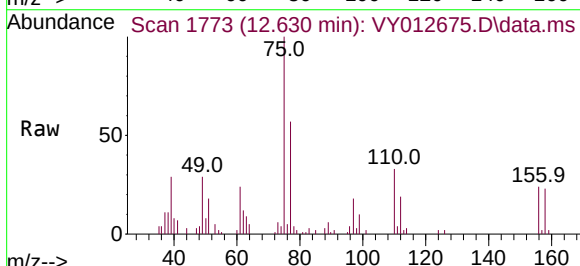
Acq: 21 Feb 2023 15:38

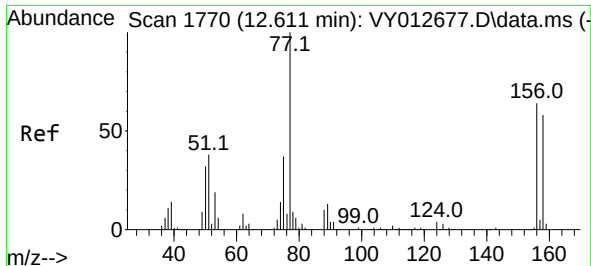
Tgt Ion: 75 Resp: 17597

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

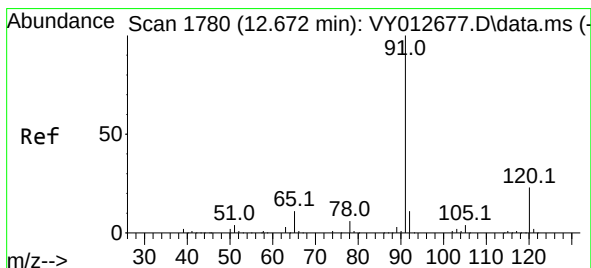
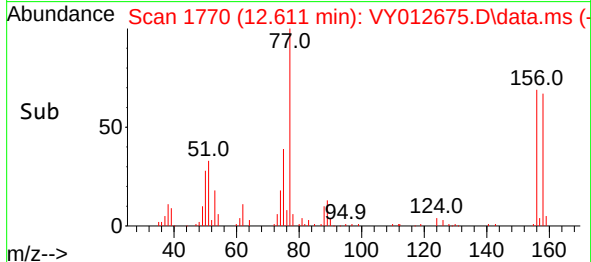
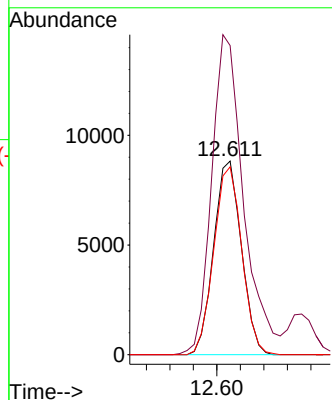
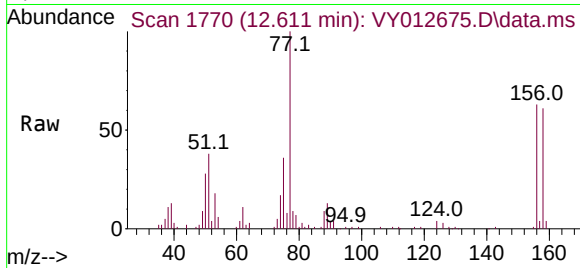




#77
Bromobenzene
Concen: 10.160 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

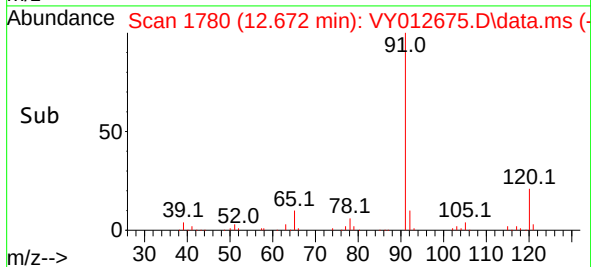
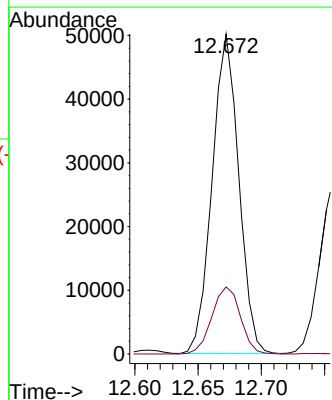
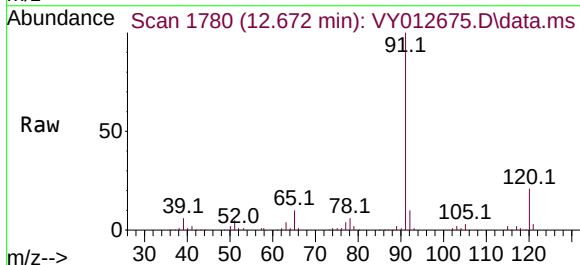
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

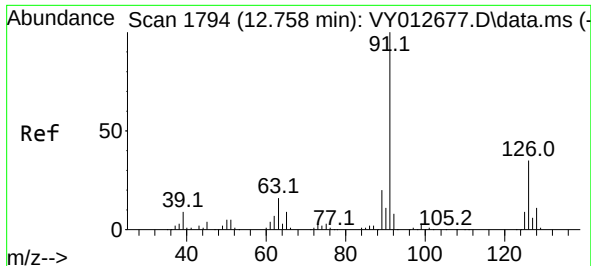
Tgt Ion:156 Resp: 14466
Ion Ratio Lower Upper
156 100
77 190.3 96.3 288.8
158 98.1 48.5 145.6



#78
n-propylbenzene
Concen: 9.867 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 91 Resp: 73334
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8

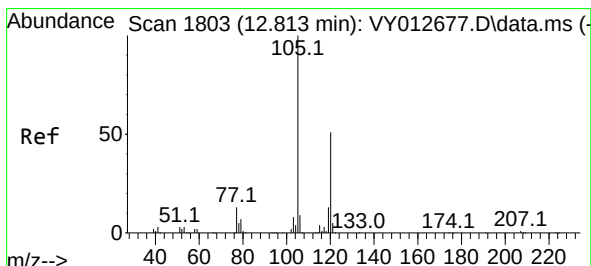
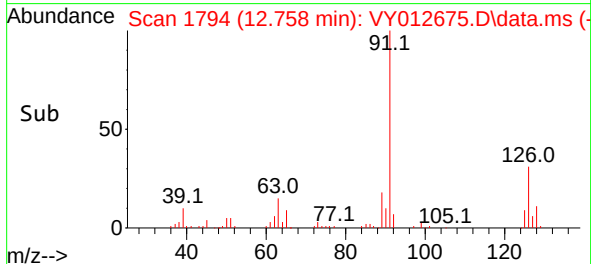
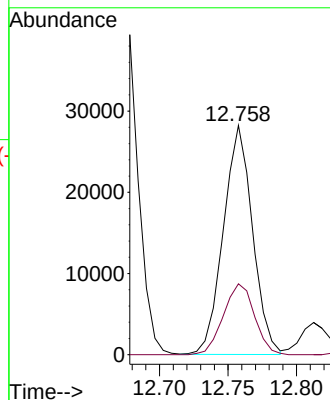
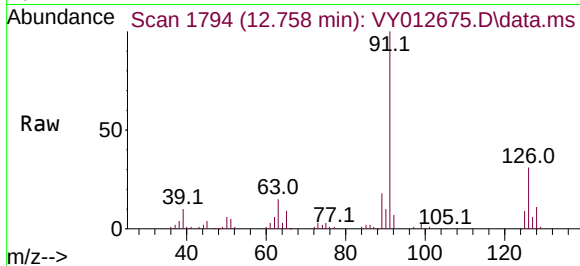




#79
2-Chlorotoluene
Concen: 10.122 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

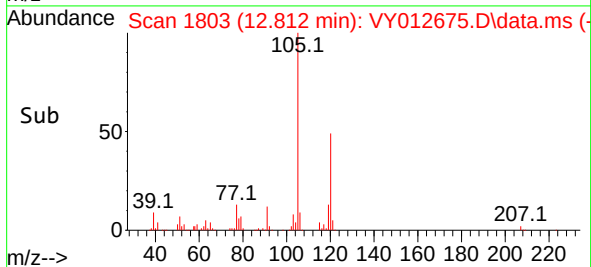
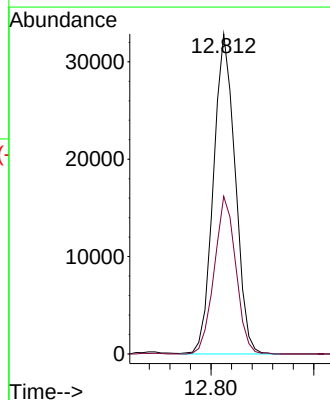
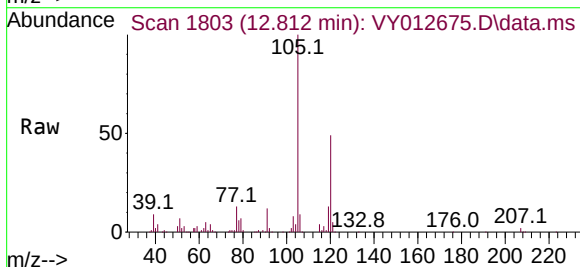
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

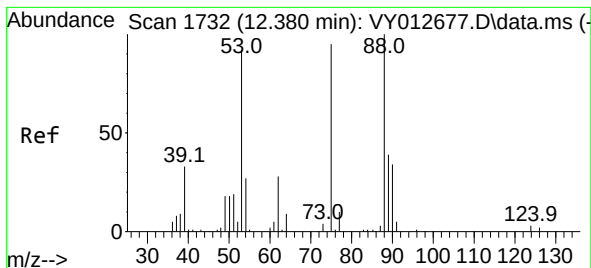
Tgt Ion: 91 Resp: 41797
Ion Ratio Lower Upper
91 100
126 32.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 9.731 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 105 Resp: 48302
Ion Ratio Lower Upper
105 100
120 48.8 24.7 74.1

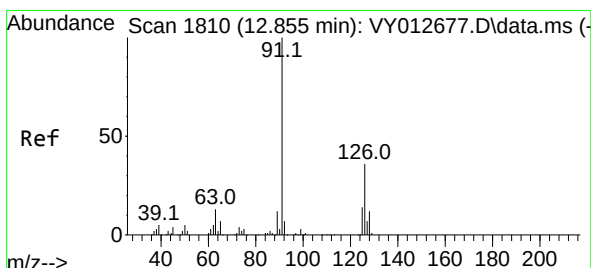
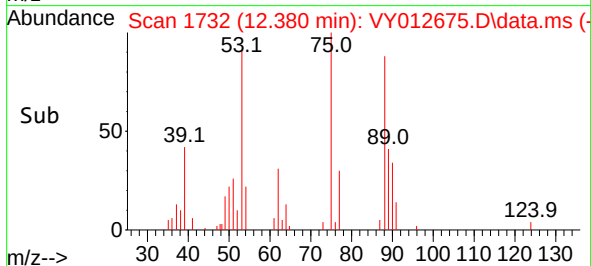
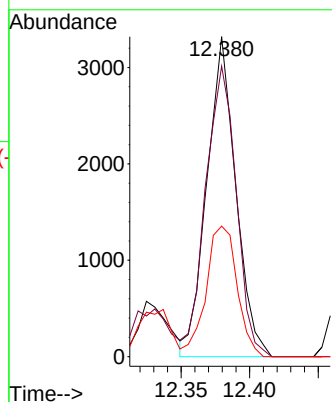
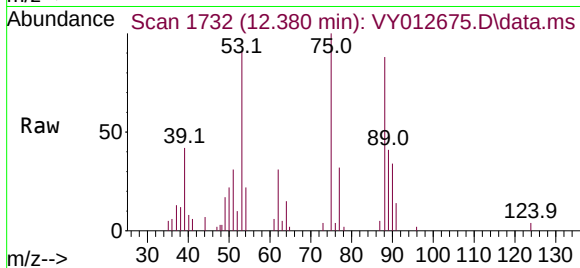




#81
trans-1,4-Dichloro-2-butene
Concen: 10.284 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

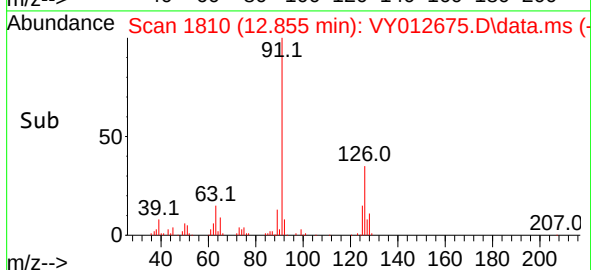
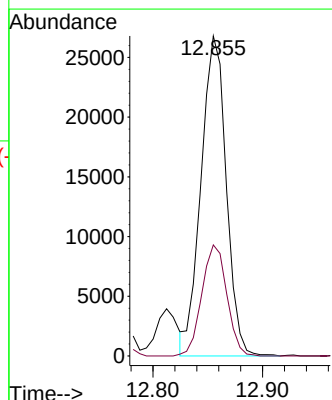
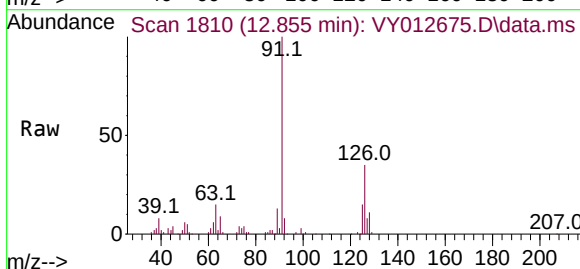
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

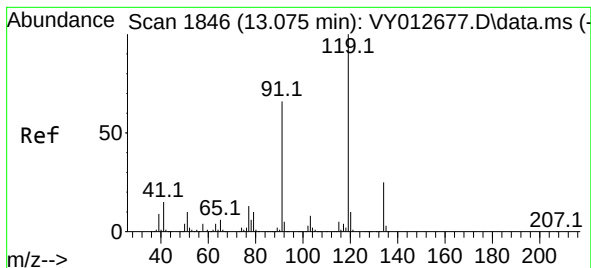
Tgt Ion: 75 Resp: 4866
Ion Ratio Lower Upper
75 100
53 96.0 80.4 120.6
89 43.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 10.005 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion: 91 Resp: 42845
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.5





#83

tert-Butylbenzene

Concen: 9.580 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

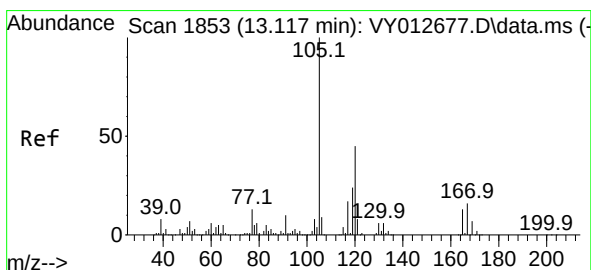
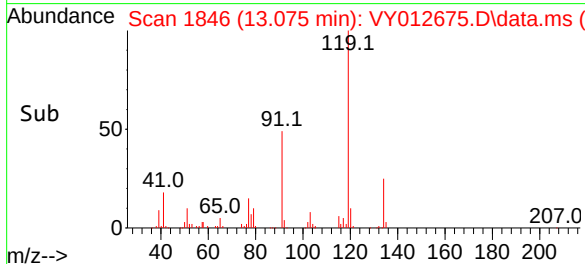
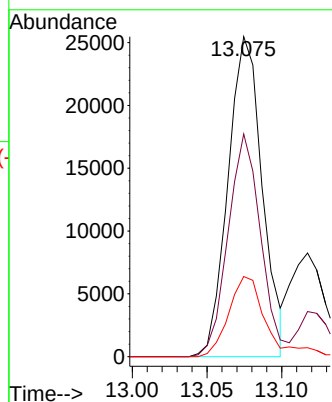
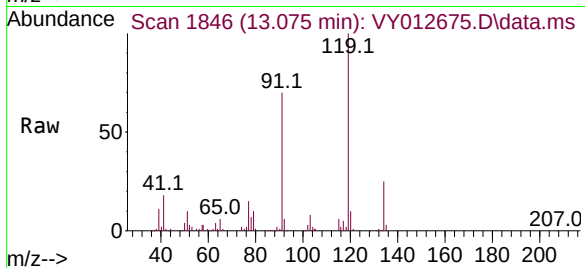
Tgt Ion:119 Resp: 40604

Ion Ratio Lower Upper

119 100

91 66.6 32.4 97.2

134 27.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 9.766 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012675.D

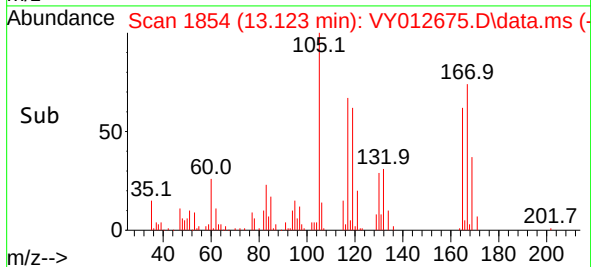
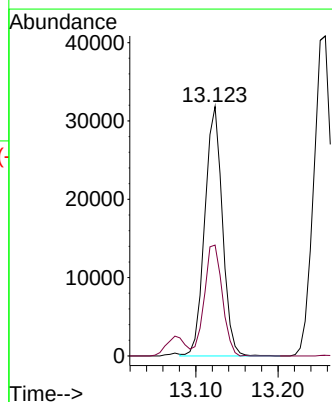
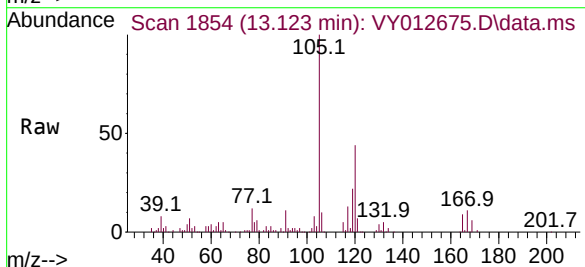
Acq: 21 Feb 2023 15:38

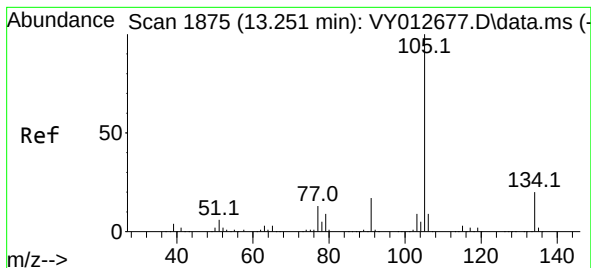
Tgt Ion:105 Resp: 47388

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.0





#85

sec-Butylbenzene

Concen: 9.715 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

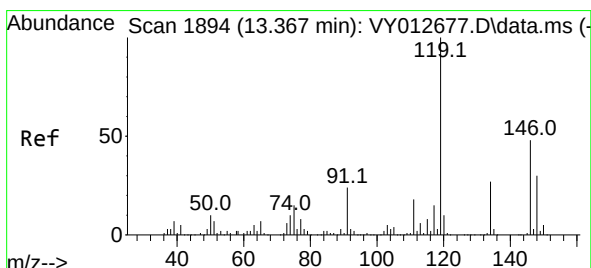
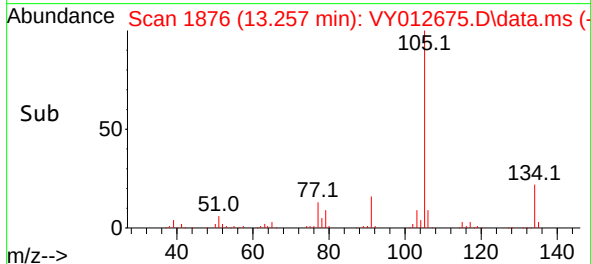
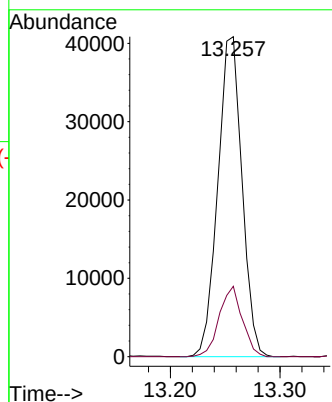
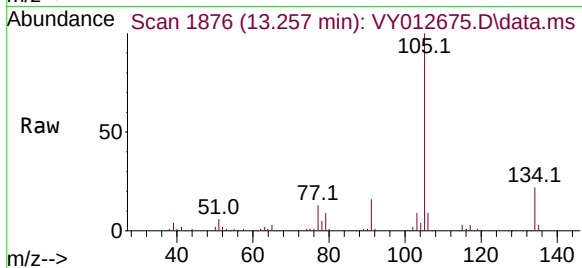
VSTDIC010

Tgt Ion:105 Resp: 62649

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 9.758 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

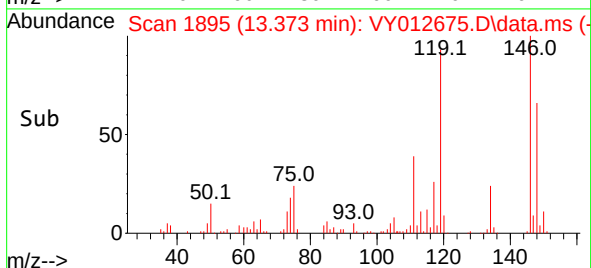
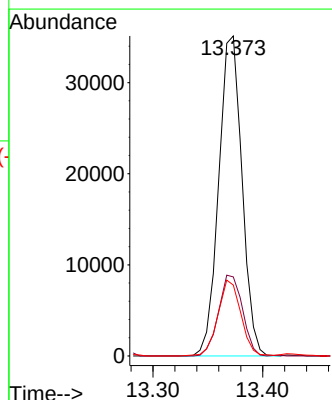
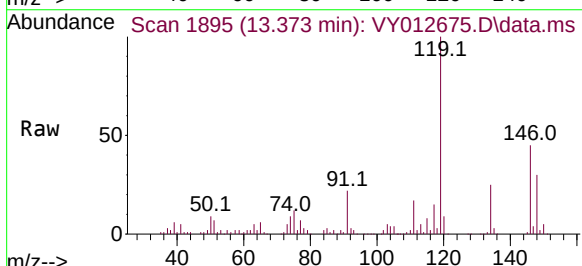
Tgt Ion:119 Resp: 51825

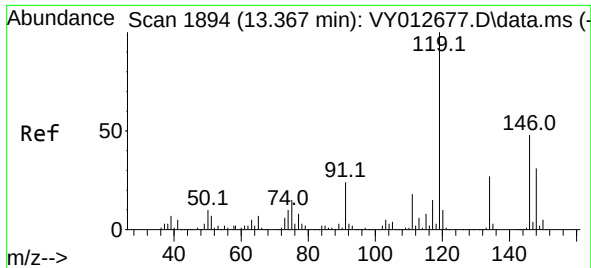
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 23.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 10.079 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

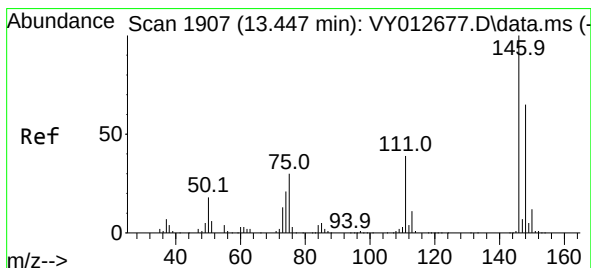
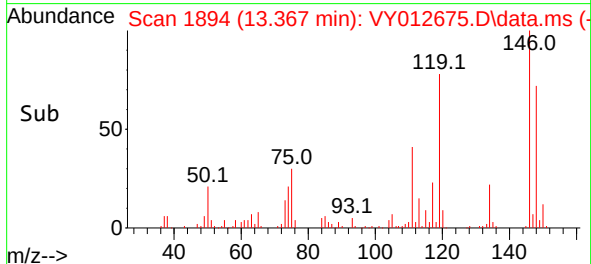
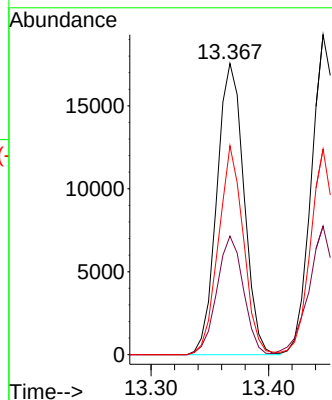
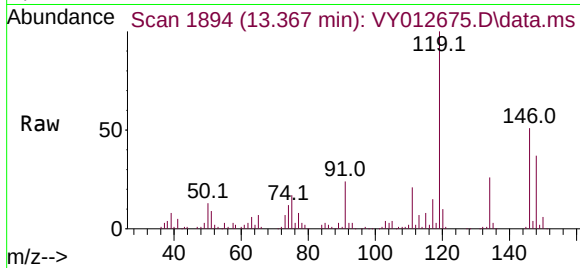
Tgt Ion:146 Resp: 28108

Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.7

148 66.5 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 10.079 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

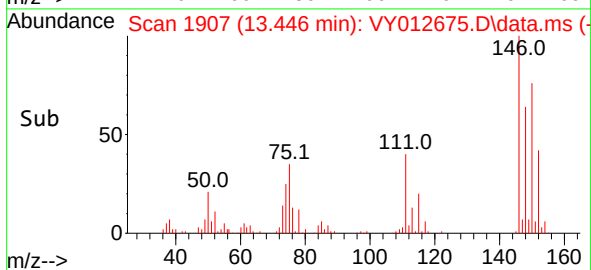
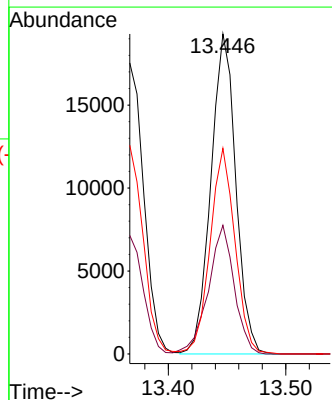
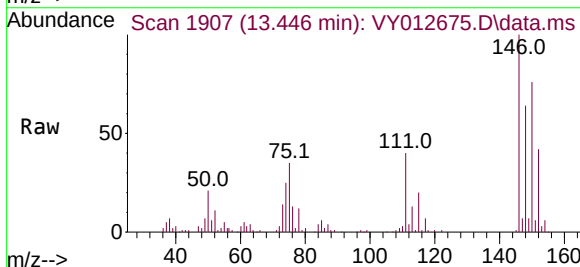
Tgt Ion:146 Resp: 28503

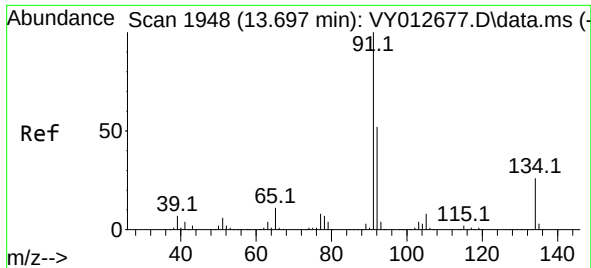
Ion Ratio Lower Upper

146 100

111 41.7 19.1 57.3

148 64.1 32.0 96.0

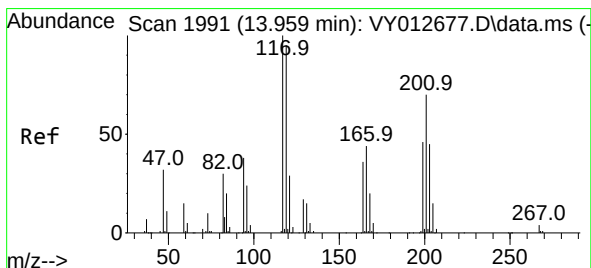
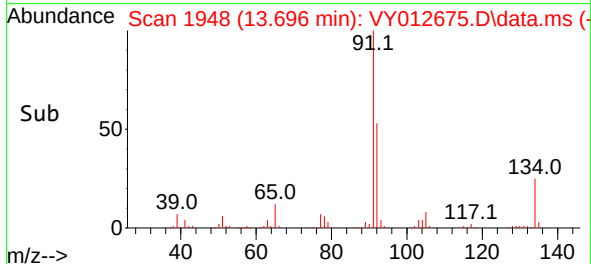
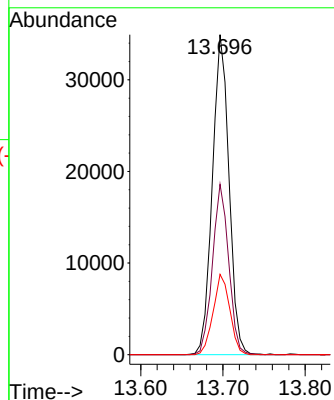
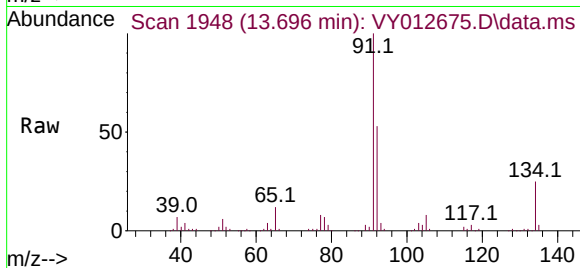




#89
n-Butylbenzene
Concen: 9.676 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

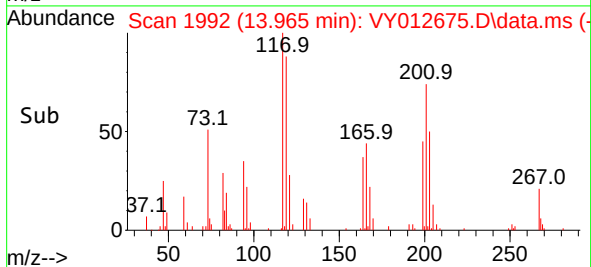
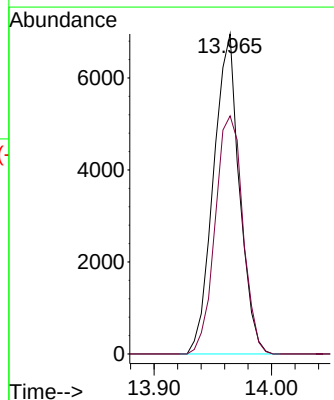
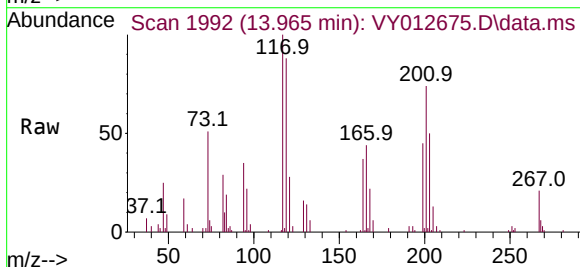
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

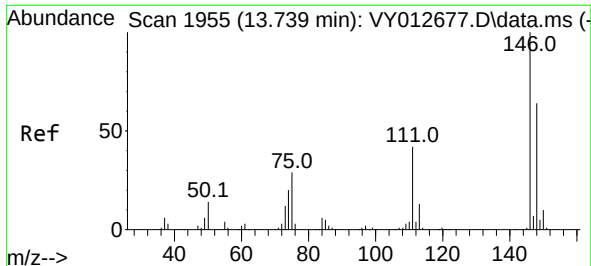
Tgt Ion:	91	Resp:	49216
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.3	78.8
134	25.1	13.0	38.9



#90
Hexachloroethane
Concen: 9.889 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012675.D
Acq: 21 Feb 2023 15:38

Tgt Ion:	117	Resp:	10659
Ion	Ratio	Lower	Upper
117	100		
201	79.5	38.3	114.8





#91

1,2-Dichlorobenzene

Concen: 10.008 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

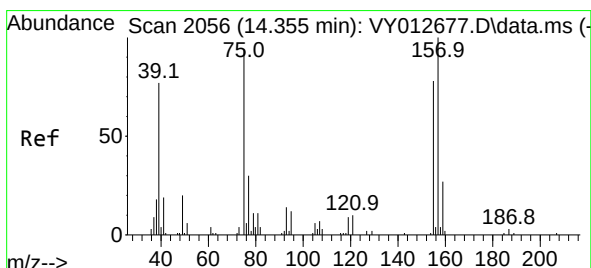
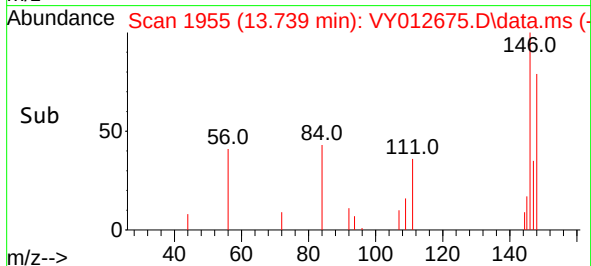
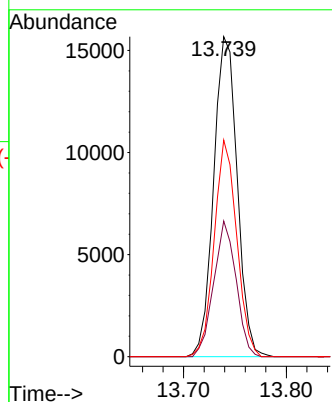
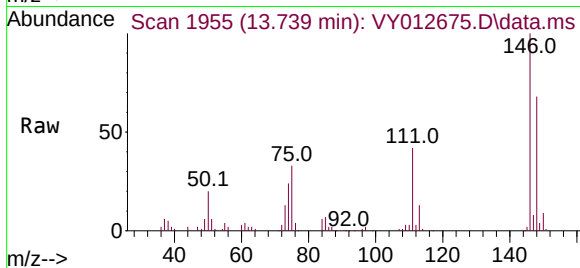
Tgt Ion:146 Resp: 24927

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.8

148 64.8 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.985 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

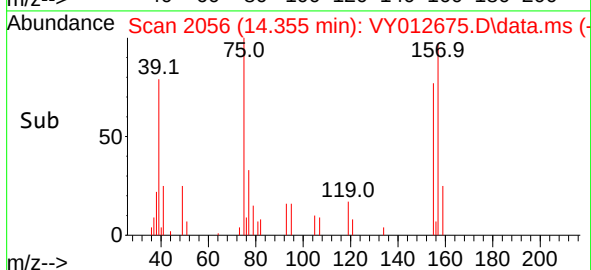
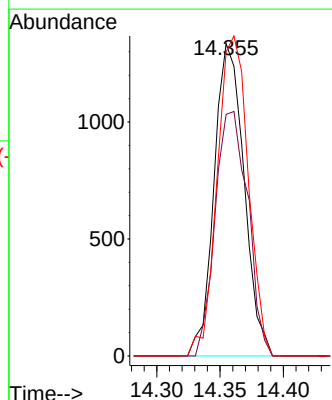
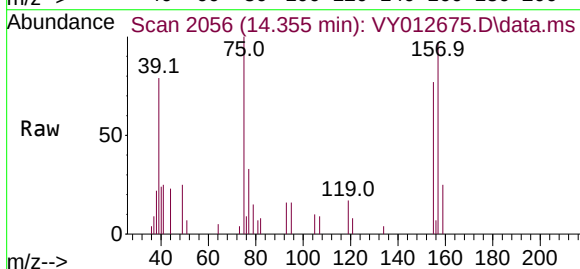
Tgt Ion: 75 Resp: 2193

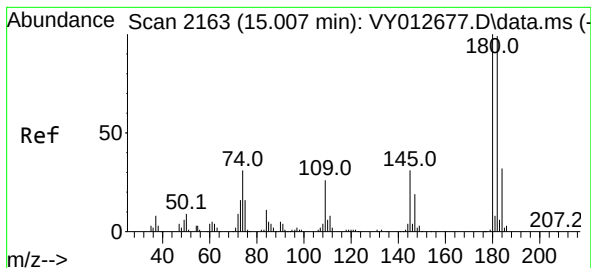
Ion Ratio Lower Upper

75 100

155 85.2 43.6 130.8

157 106.4 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 9.579 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

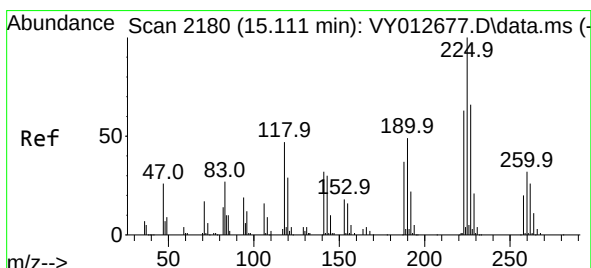
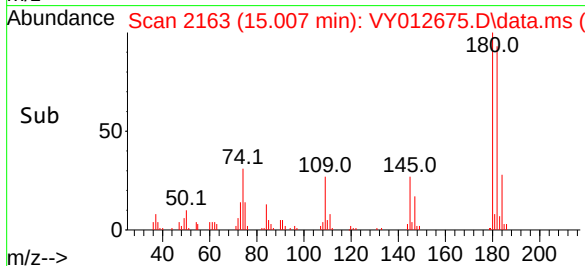
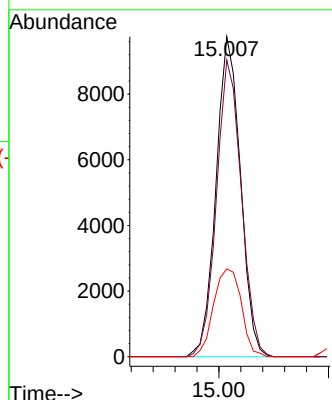
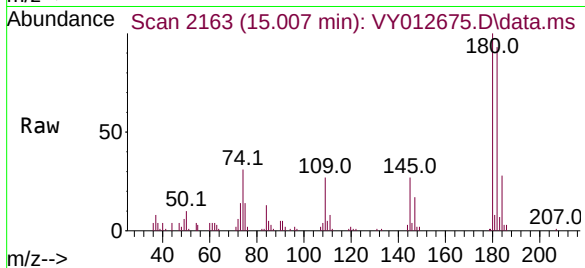
Tgt Ion:180 Resp: 15088

Ion Ratio Lower Upper

180 100

182 94.4 48.0 144.2

145 31.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 9.782 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

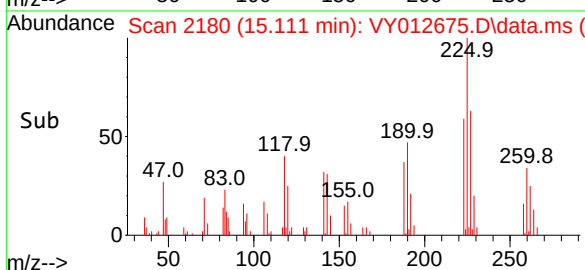
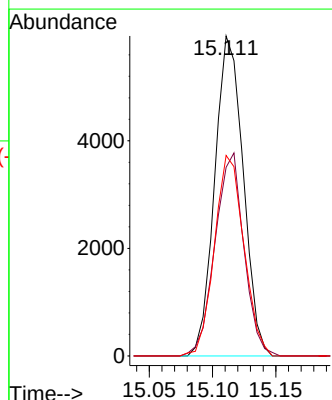
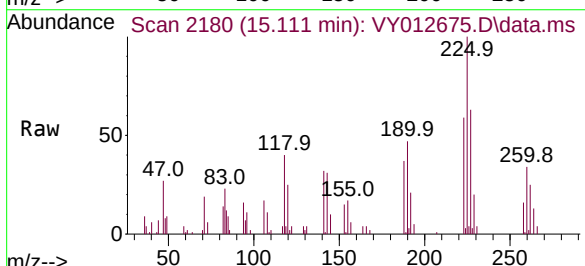
Tgt Ion:225 Resp: 9299

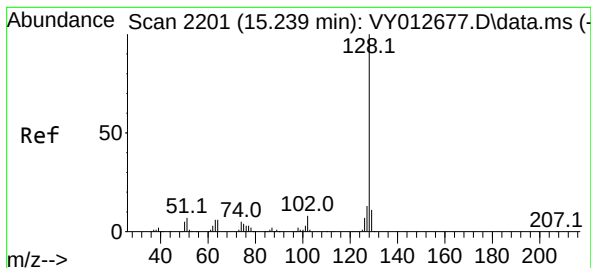
Ion Ratio Lower Upper

225 100

223 64.2 31.7 95.1

227 64.8 32.3 96.8





#95

Naphthalene

Concen: 8.958 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

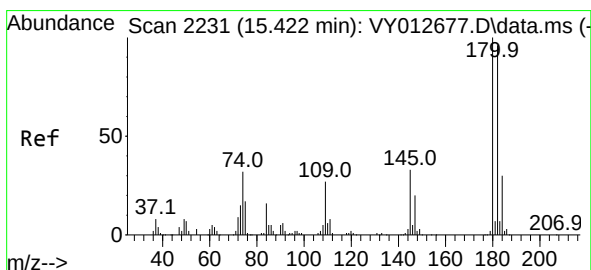
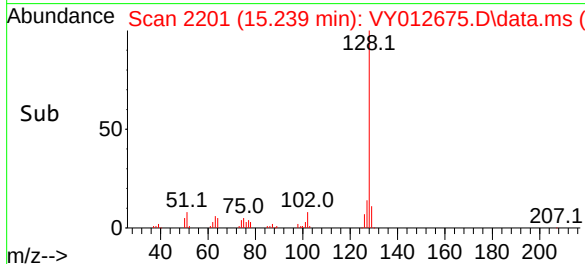
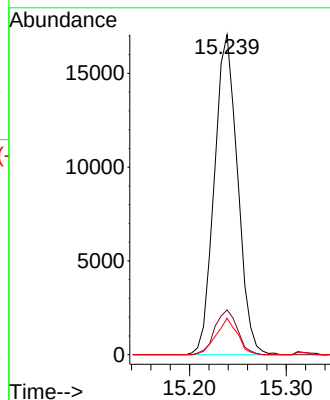
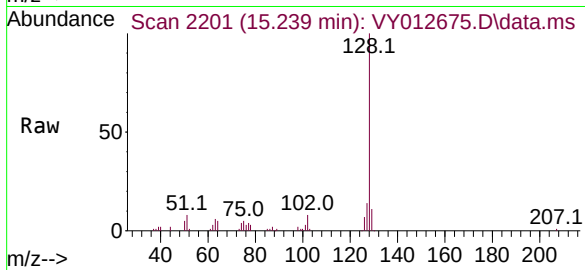
Tgt Ion:128 Resp: 28511

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 10.4 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 9.490 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012675.D

Acq: 21 Feb 2023 15:38

Tgt Ion:180 Resp: 13231

Ion Ratio Lower Upper

180 100

182 97.8 48.5 145.6

145 32.0 16.1 48.2

