

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080123\
 Data File : VY014921.D
 Acq On : 01 Aug 2023 09:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 02 01:54:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	292213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	489155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	441937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	187896	56.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.860%
35) Dibromofluoromethane	7.716	113	174070	55.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.800%
50) Toluene-d8	10.179	98	604573	52.663	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.320%
62) 4-Bromofluorobenzene	12.477	95	222692	50.590	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	100090	42.042	ug/l	99
3) Chloromethane	2.113	50	150376	56.191	ug/l	98
4) Vinyl Chloride	2.247	62	173867	58.133	ug/l	98
5) Bromomethane	2.644	94	131022	66.289	ug/l	99
6) Chloroethane	2.790	64	122881	65.774	ug/l	98
7) Trichlorofluoromethane	3.119	101	256744	51.112	ug/l	100
8) Diethyl Ether	3.528	74	102150	54.656	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	152525	49.540	ug/l	96
10) Methyl Iodide	4.089	142	182633	55.675	ug/l	98
11) Tert butyl alcohol	4.954	59	185388	272.719	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	142712	49.595	ug/l	93
13) Acrolein	3.729	56	53819	154.635	ug/l	100
14) Allyl chloride	4.479	41	246234	48.194	ug/l	97
15) Acrylonitrile	5.155	53	312778	303.487	ug/l	99
16) Acetone	3.948	43	279813	265.176	ug/l	93
17) Carbon Disulfide	4.192	76	358710	43.542	ug/l	98
18) Methyl Acetate	4.473	43	252727	62.412	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	530086	56.710	ug/l	100
20) Methylene Chloride	4.710	84	241549	72.353	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	164749	50.450	ug/l	97
22) Diisopropyl ether	6.119	45	551047	53.049	ug/l #	91
23) Vinyl Acetate	6.058	43	1682992	270.742	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	318441	53.577	ug/l	97
25) 2-Butanone	6.984	43	445819	288.790	ug/l	97
26) 2,2-Dichloropropane	6.978	77	296612	52.362	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	207635	54.625	ug/l	96
28) Bromochloromethane	7.332	49	144608	56.492	ug/l	93
29) Tetrahydrofuran	7.344	42	280734	295.333	ug/l	91
30) Chloroform	7.503	83	340029	55.478	ug/l	96
31) Cyclohexane	7.783	56	236369	42.761	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	294772	53.437	ug/l	99
36) 1,1-Dichloropropene	7.917	75	235725	50.621	ug/l	100
37) Ethyl Acetate	7.070	43	185236	57.776	ug/l	97
38) Carbon Tetrachloride	7.899	117	258616	52.538	ug/l	98
39) Methylcyclohexane	9.179	83	274887	45.311	ug/l	94
40) Benzene	8.161	78	697432	52.661	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	83668m	50.736	ug/l	
42) 1,2-Dichloroethane	8.234	62	236089	56.293	ug/l	95
43) Isopropyl Acetate	8.271	43	339234	55.545	ug/l	97
44) Trichloroethene	8.941	130	193908	52.330	ug/l	96
45) 1,2-Dichloropropane	9.216	63	183080	52.940	ug/l	97
46) Dibromomethane	9.301	93	116945	55.742	ug/l	96
47) Bromodichloromethane	9.496	83	272077	55.025	ug/l	98
48) Methyl methacrylate	9.289	41	151055	54.967	ug/l	94
49) 1,4-Dioxane	9.295	88	39820	1164.024	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	964084	300.655	ug/l	94
52) Toluene	10.240	92	448203	52.887	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	284580	52.616	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	309564	52.632	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	165078	56.488	ug/l	98
56) Ethyl methacrylate	10.508	69	244753	54.853	ug/l	90
57) 1,3-Dichloropropane	10.789	76	279163	55.384	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	534634	257.156	ug/l	95
59) 2-Hexanone	10.831	43	694040	296.796	ug/l	93
60) Dibromochloromethane	10.984	129	202497	56.516	ug/l	100
61) 1,2-Dibromoethane	11.087	107	160853	55.175	ug/l	100
64) Tetrachloroethene	10.721	164	181702	51.121	ug/l	97
65) Chlorobenzene	11.514	112	496664	52.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	193696	54.550	ug/l	99
67) Ethyl Benzene	11.593	91	882080	51.876	ug/l	99
68) m/p-Xylenes	11.703	106	675589	104.086	ug/l	96
69) o-Xylene	12.026	106	330506	52.279	ug/l	98
70) Styrene	12.044	104	564005	52.933	ug/l	98
71) Bromoform	12.209	173	135451	56.277	ug/l #	99
73) Isopropylbenzene	12.331	105	872661	49.968	ug/l	100
74) N-amyl acetate	12.142	43	298761	51.078	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	215997	54.235	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	157932m	56.065	ug/l	
77) Bromobenzene	12.605	156	209681	52.598	ug/l	97
78) n-propylbenzene	12.666	91	1047941	49.796	ug/l	100
79) 2-Chlorotoluene	12.758	91	592552	48.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	730275	50.070	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	70890	48.725	ug/l	96
82) 4-Chlorotoluene	12.855	91	610209	48.880	ug/l	99
83) tert-Butylbenzene	13.075	119	654165	50.561	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	721652	50.417	ug/l	98
85) sec-Butylbenzene	13.252	105	956703	50.408	ug/l	100
86) p-Isopropyltoluene	13.367	119	796063	51.372	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	408888	52.700	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	403753	51.930	ug/l	99
89) n-Butylbenzene	13.697	91	741265	49.168	ug/l	96
90) Hexachloroethane	13.959	117	159250	50.033	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	377590	53.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	40003	52.522	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	238562	52.867	ug/l	98
94) Hexachlorobutadiene	15.111	225	125546	50.629	ug/l	99
95) Naphthalene	15.233	128	580479	55.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	214472	53.479	ug/l	98

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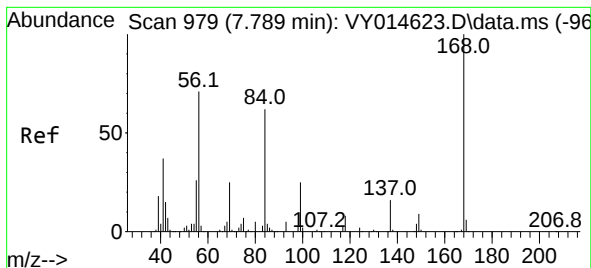
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

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ClientSampleId :

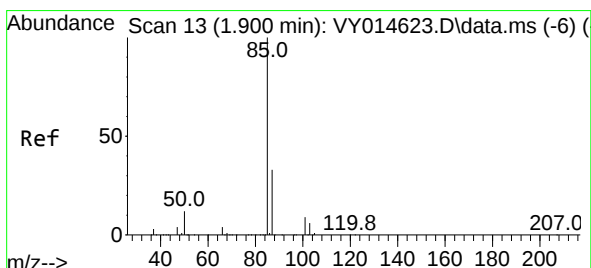
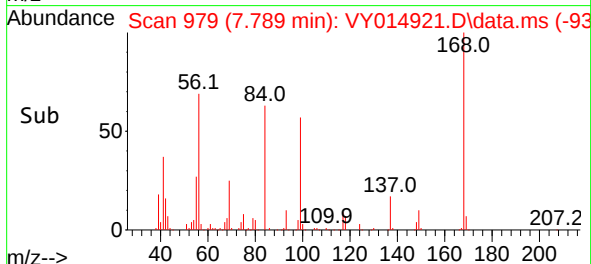
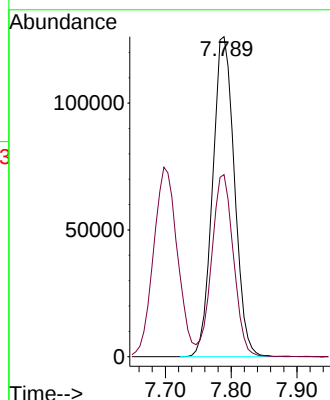
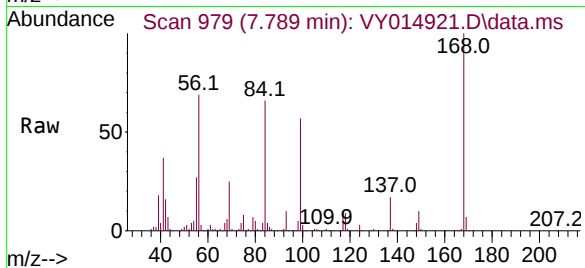
VSTDCCC050

Tgt Ion:168 Resp: 292213

Ion Ratio Lower Upper

168 100

99 56.8 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 42.042 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY014921.D

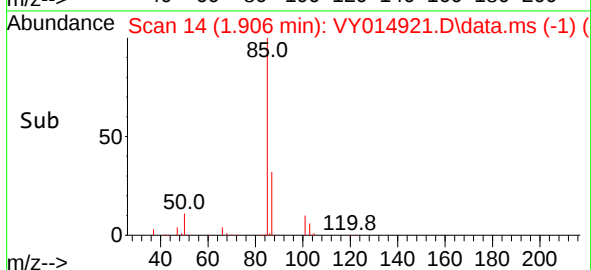
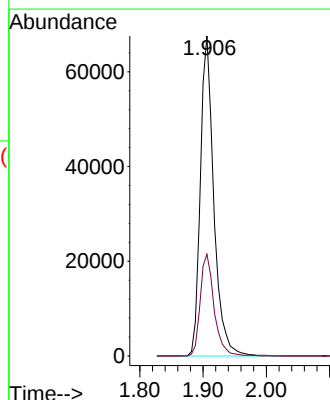
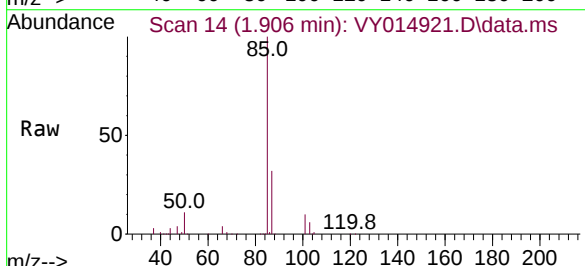
Acq: 01 Aug 2023 09:57

Tgt Ion: 85 Resp: 100090

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.8

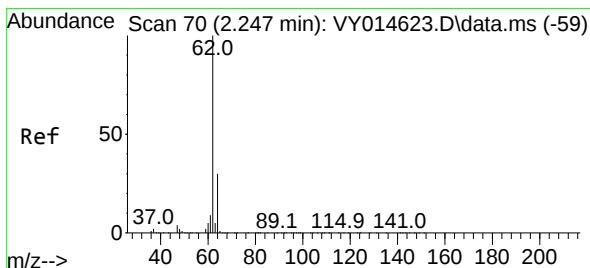
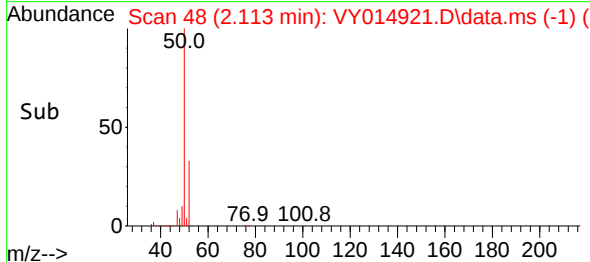
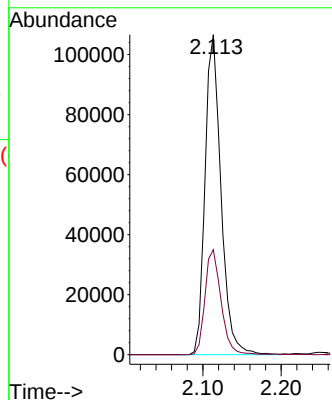
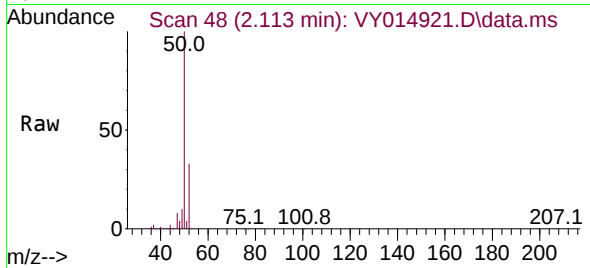




#3
Chloromethane
Concen: 56.191 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

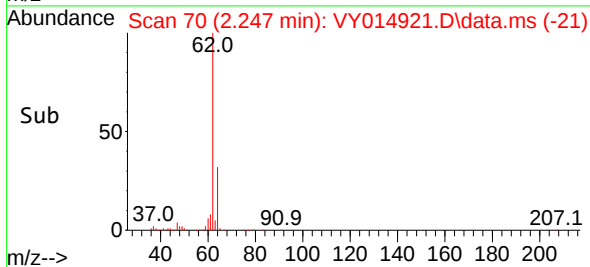
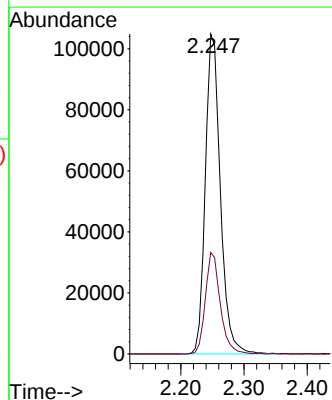
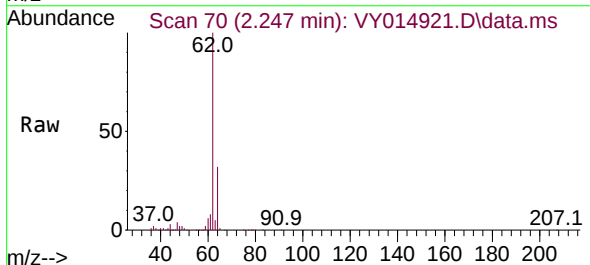
Instrument :
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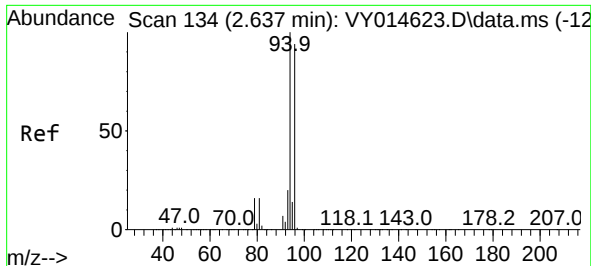
Tgt Ion: 50 Resp: 150376
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 58.133 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 62 Resp: 173867
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5

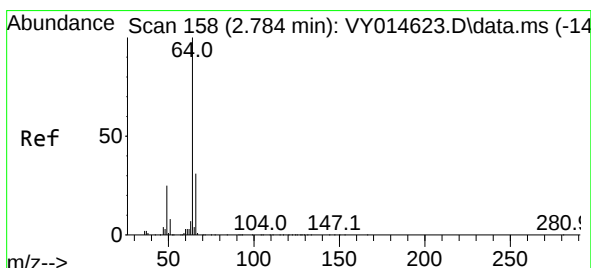
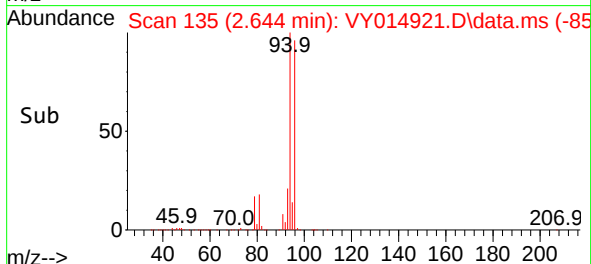
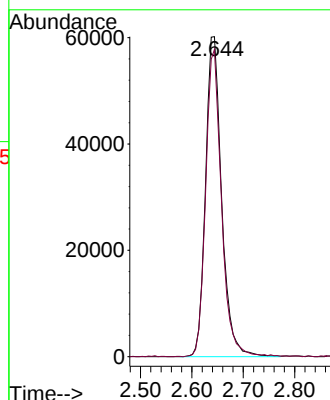
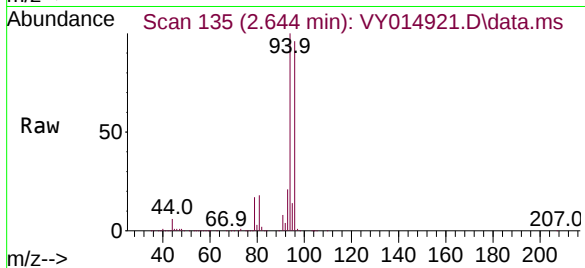




#5
Bromomethane
Concen: 66.289 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

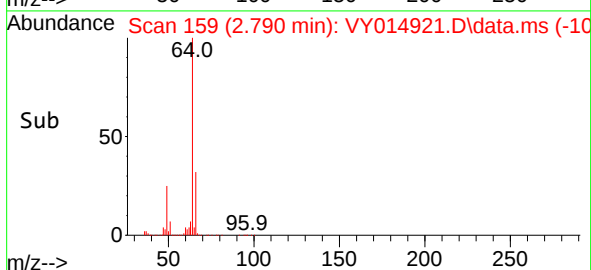
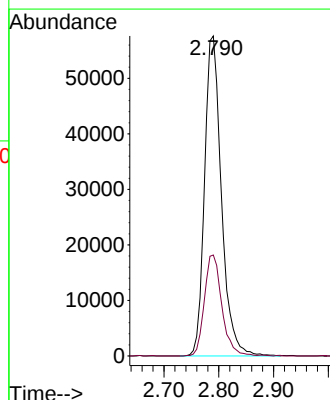
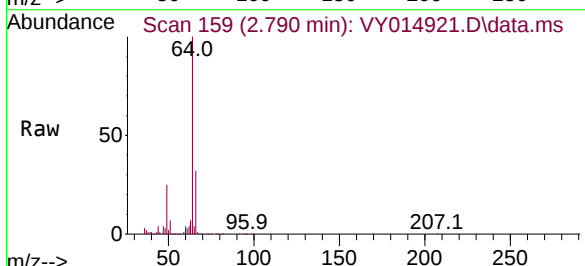
Instrument :
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Tgt Ion: 94 Resp: 131022
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.6



#6
Chloroethane
Concen: 65.774 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 64 Resp: 122881
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6

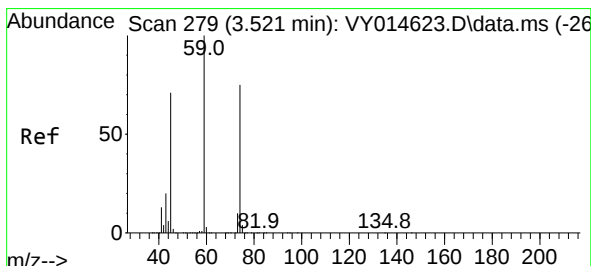
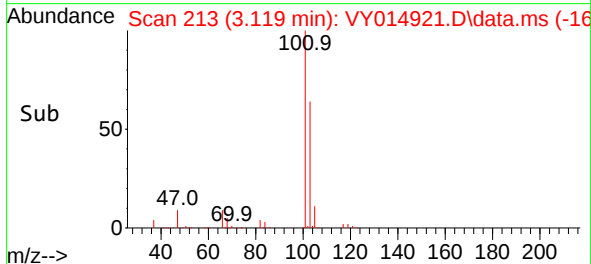
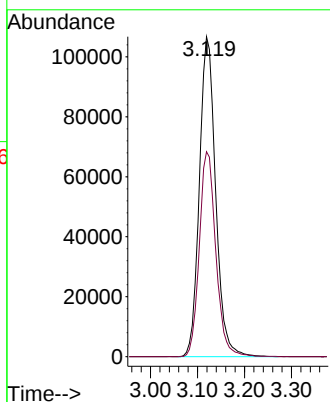
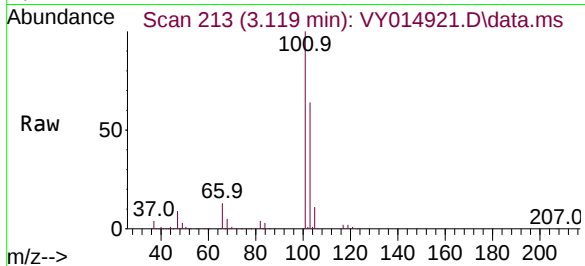




#7
 Trichlorofluoromethane
 Concen: 51.112 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY014921.D
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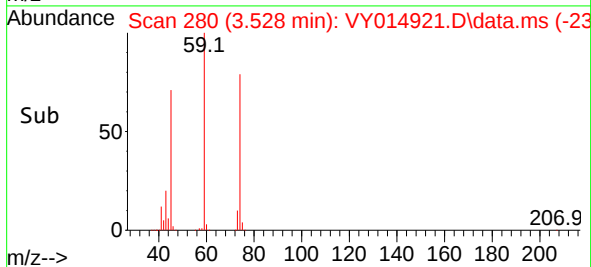
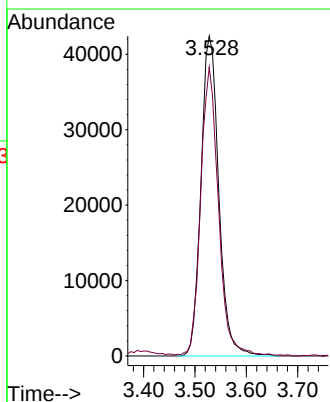
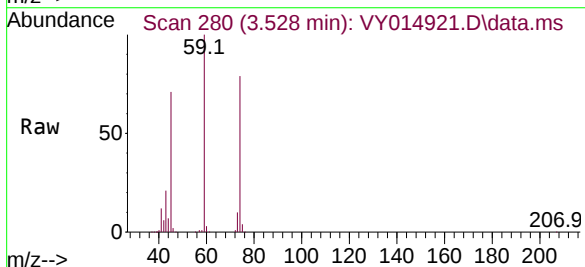
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 256744
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 54.656 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY014921.D
 Acq: 01 Aug 2023 09:57

Tgt Ion: 74 Resp: 102150
 Ion Ratio Lower Upper
 74 100
 45 89.1 51.5 154.5

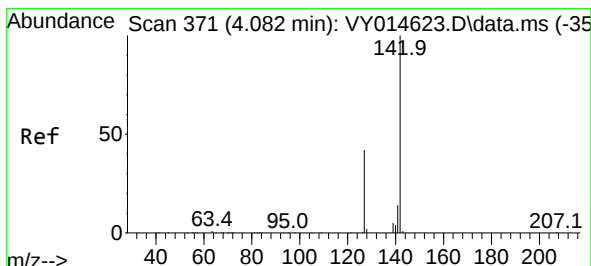
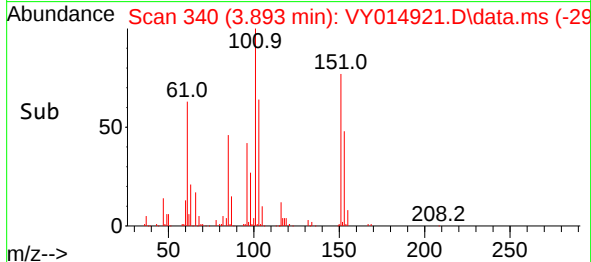
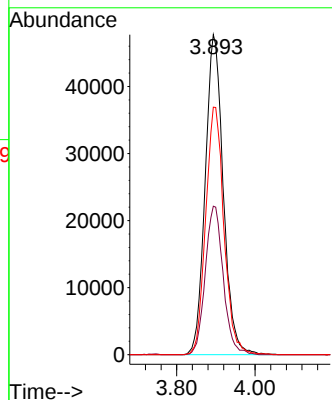
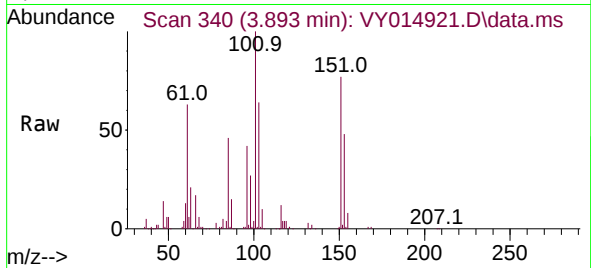




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.540 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
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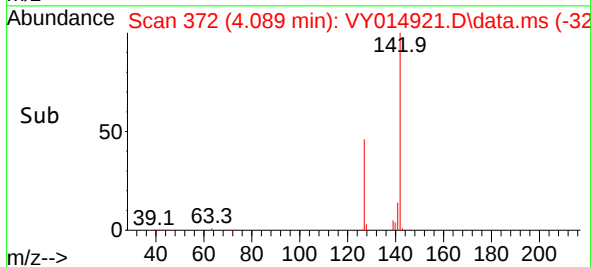
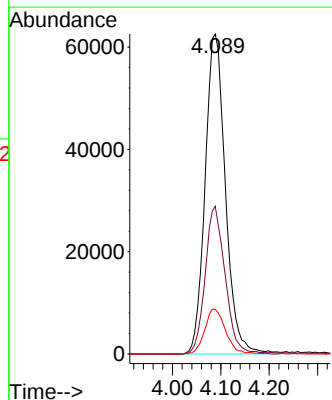
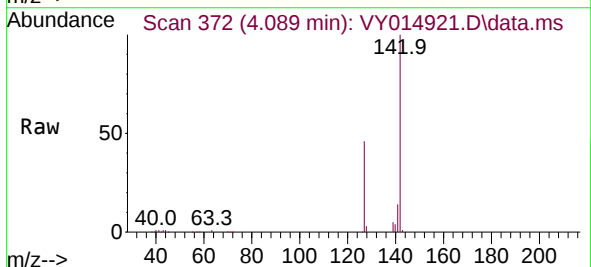
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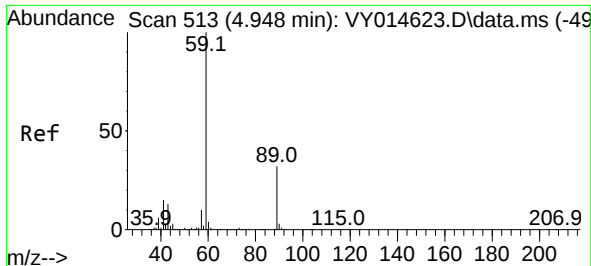
Tgt Ion:101 Resp: 152525
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 78.3 67.0 100.6



#10
Methyl Iodide
Concen: 55.675 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.007 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion:142 Resp: 182633
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.4 11.8 17.8

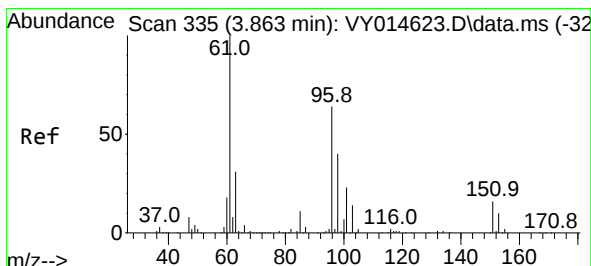
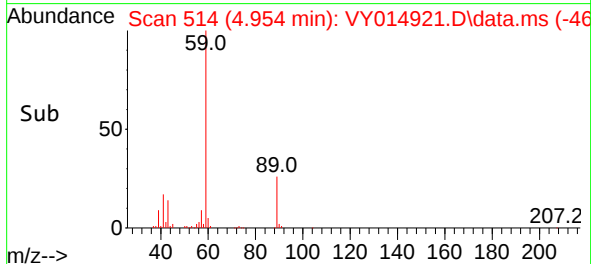
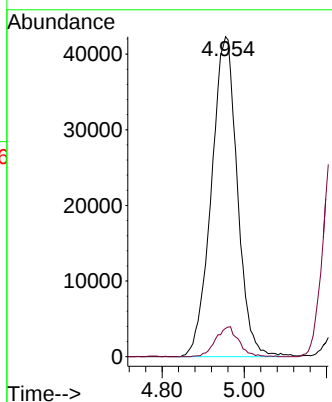
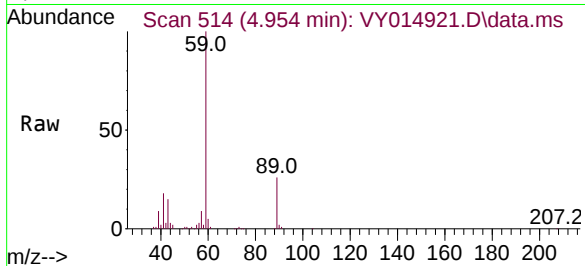




#11
Tert butyl alcohol
Concen: 272.719 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

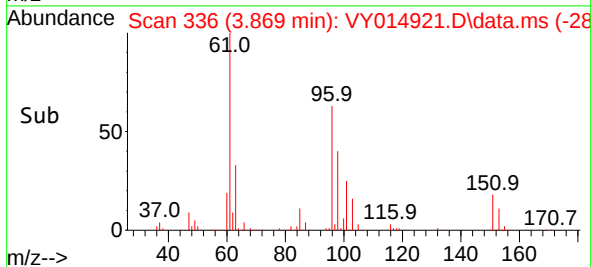
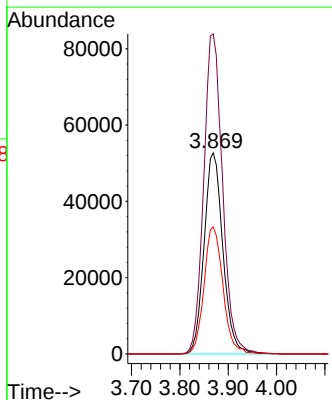
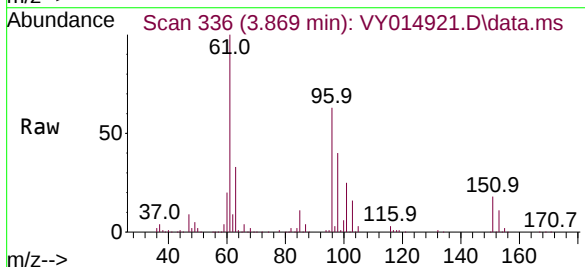
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

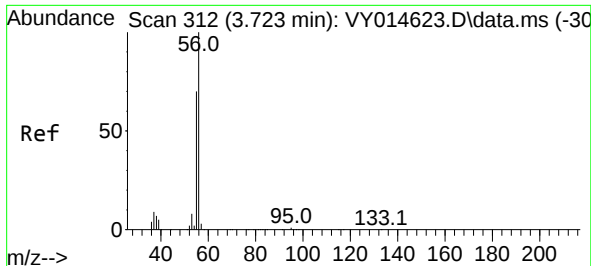
Tgt Ion: 59 Resp: 185388
Ion Ratio Lower Upper
59 100
57 8.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.595 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 96 Resp: 142712
Ion Ratio Lower Upper
96 100
61 159.1 136.4 204.6
98 63.2 49.4 74.2

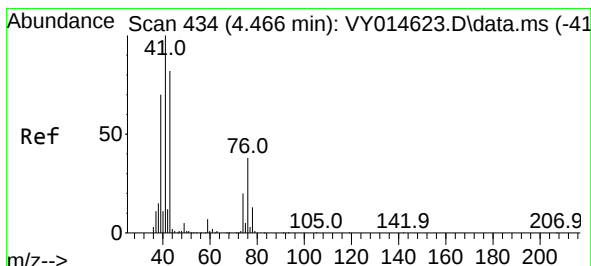
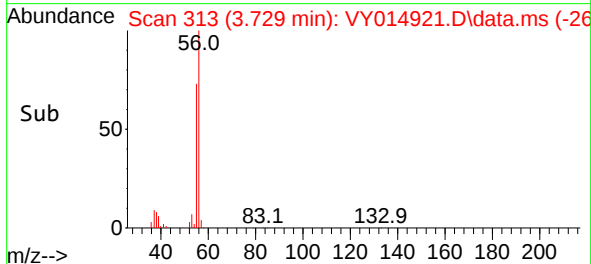
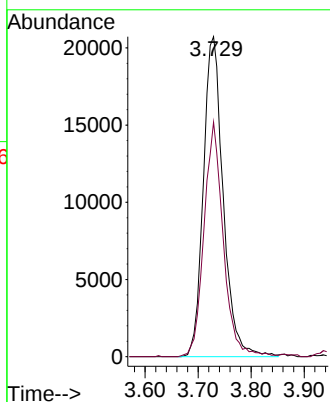
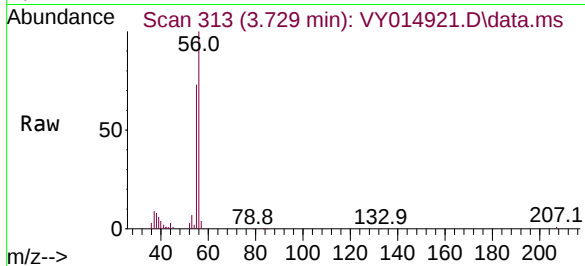




#13
Acrolein
Concen: 154.635 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

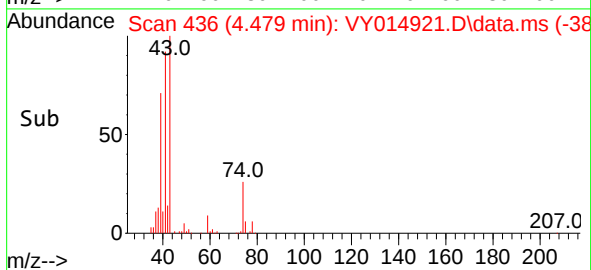
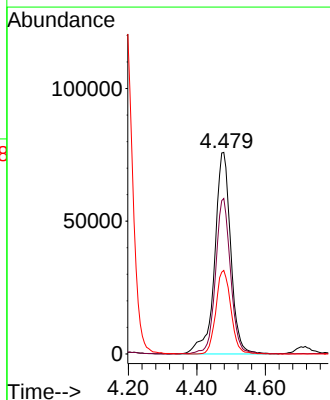
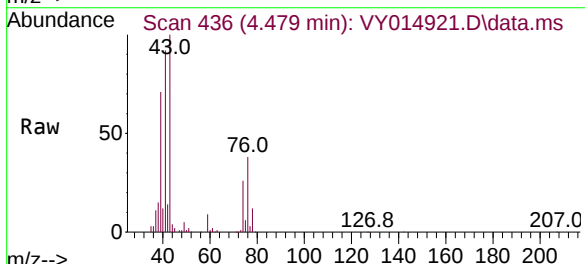
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

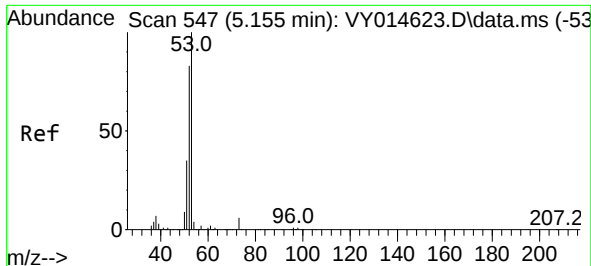
Tgt Ion: 56 Resp: 53819
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 48.194 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 41 Resp: 246234
Ion Ratio Lower Upper
41 100
39 72.2 58.0 87.0
76 38.7 27.4 41.2



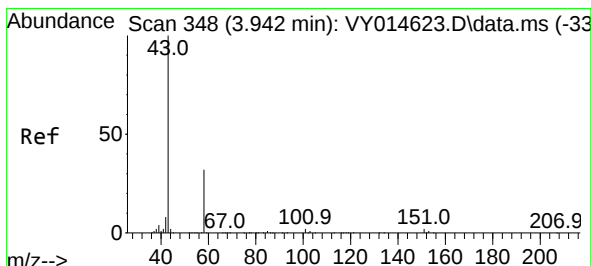
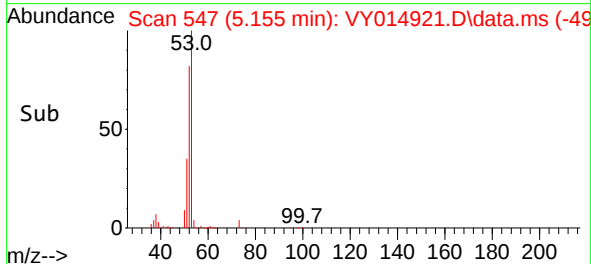
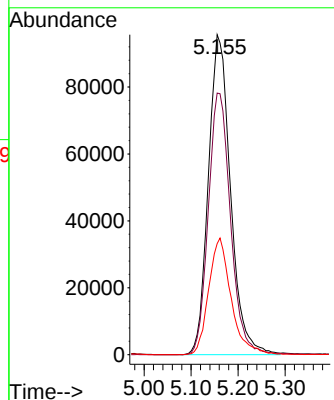
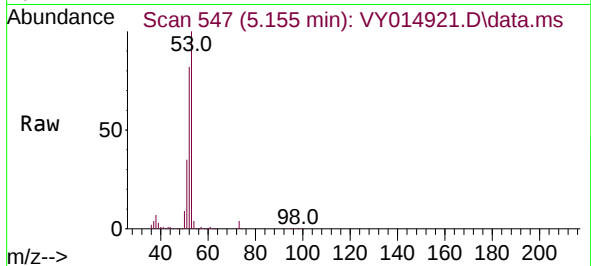


#15
Acrylonitrile
Concen: 303.487 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 312778

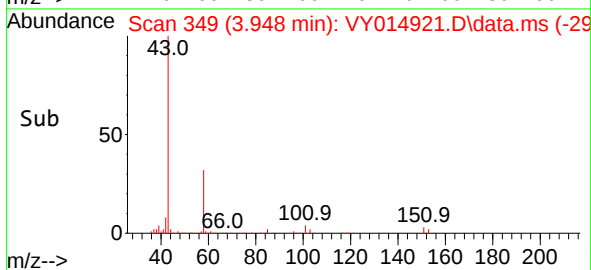
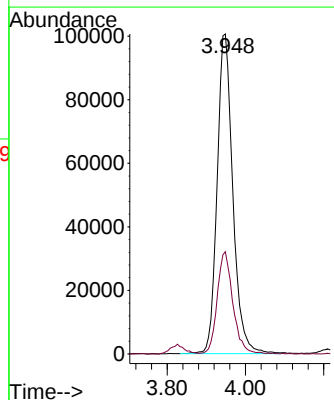
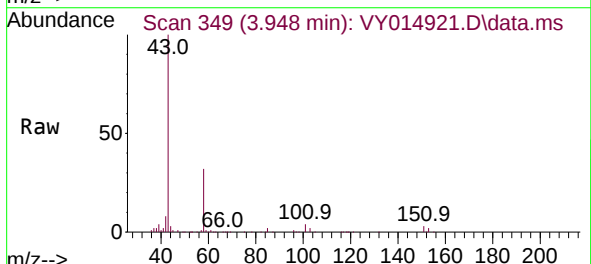
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.9	100.3
51	37.1	29.8	44.6

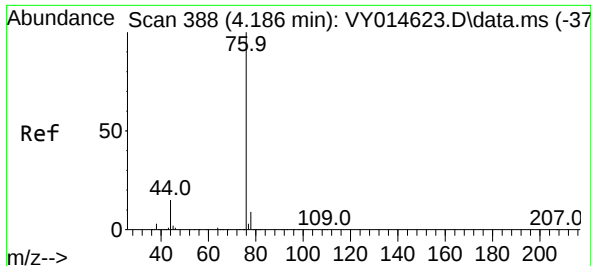


#16
Acetone
Concen: 265.176 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 43 Resp: 279813

Ion	Ratio	Lower	Upper
43	100		
58	31.9	22.7	34.1

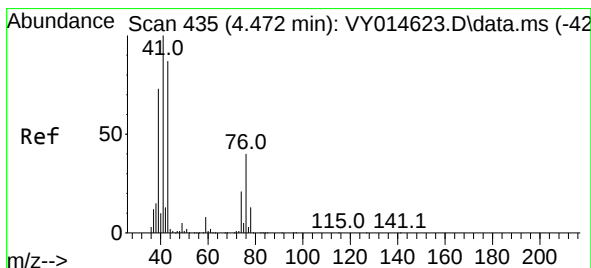
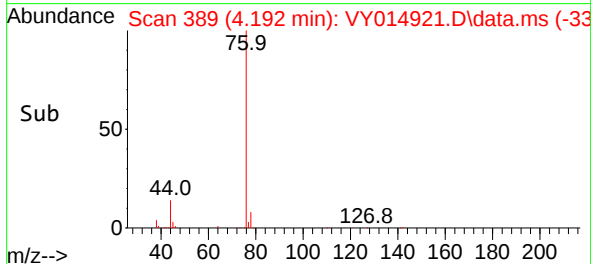
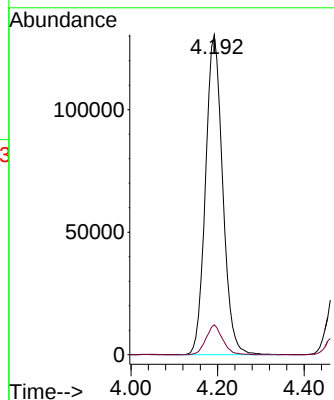
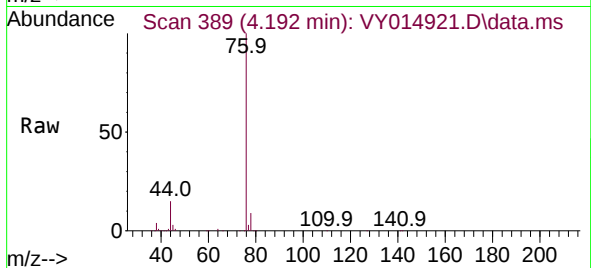




#17
Carbon Disulfide
Concen: 43.542 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

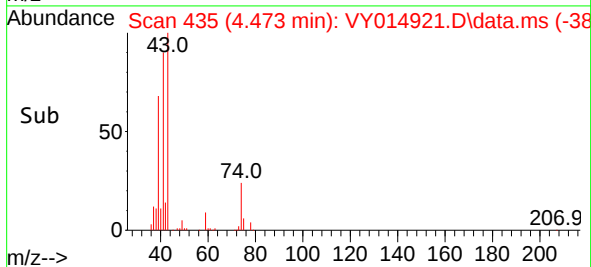
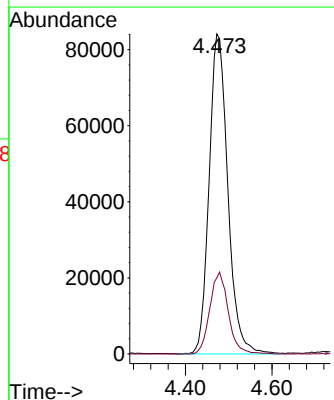
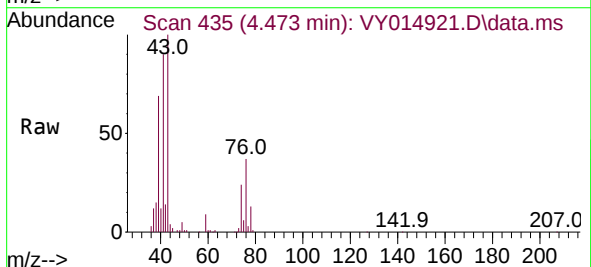
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

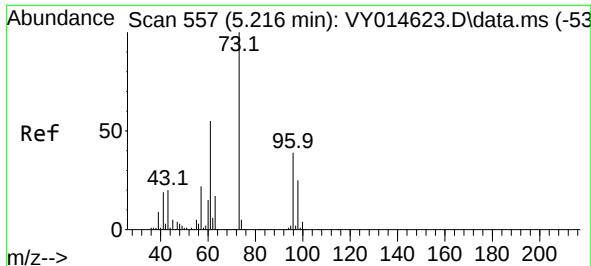
Tgt Ion: 76 Resp: 358710
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 62.412 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 43 Resp: 252727
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 56.710 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

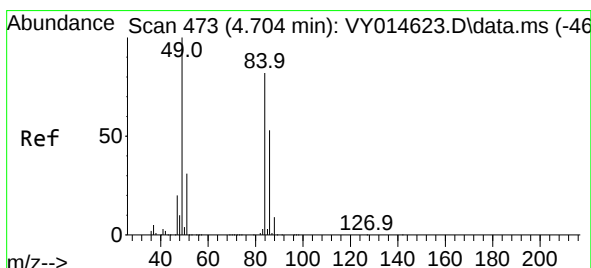
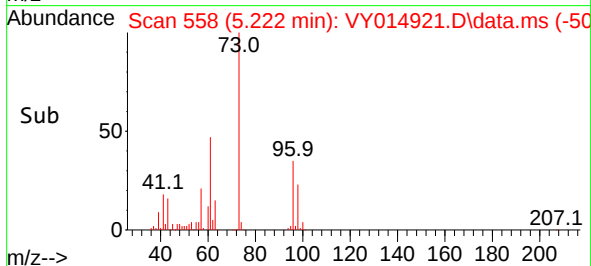
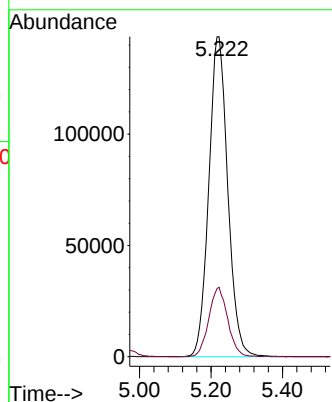
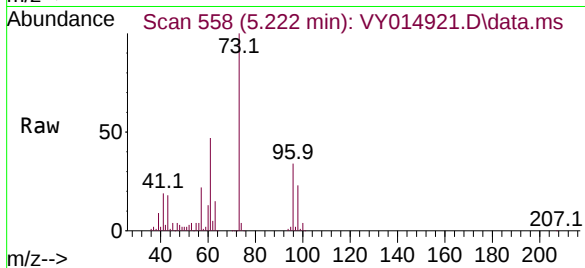
VSTDCCC050

Tgt Ion: 73 Resp: 530086

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 72.353 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Tgt Ion: 84 Resp: 241549

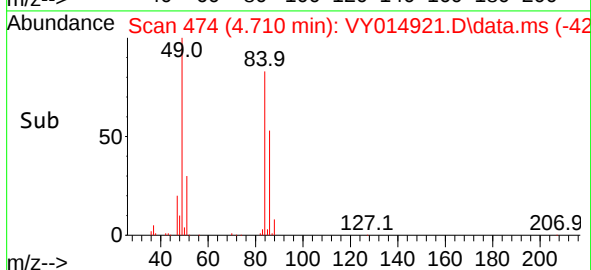
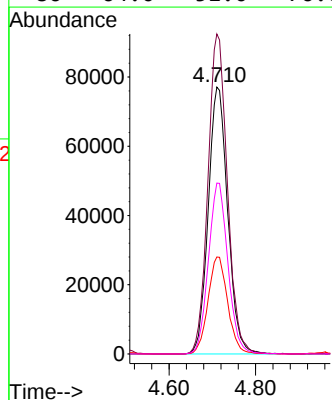
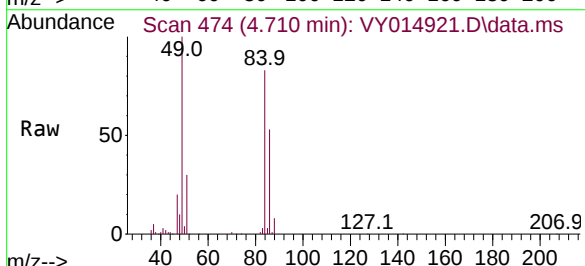
Ion Ratio Lower Upper

84 100

49 119.9 106.9 160.3

51 36.3 33.2 49.8

86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.450 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

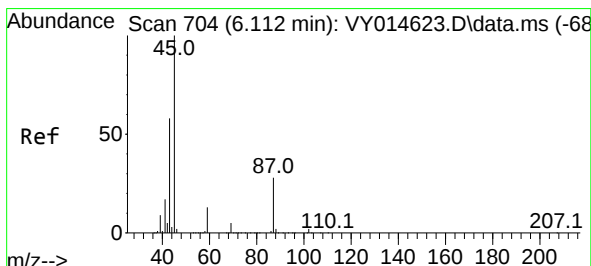
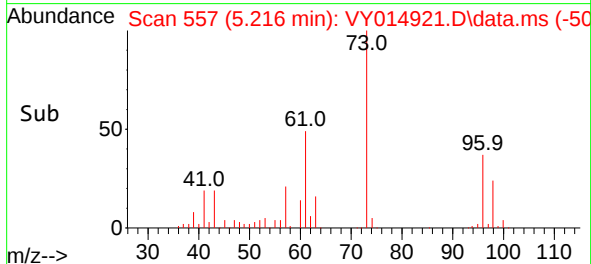
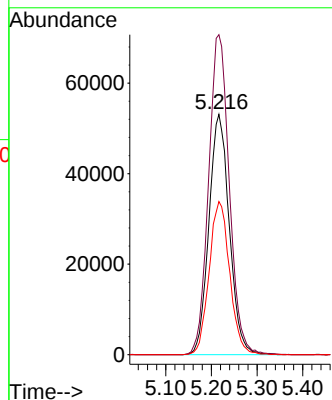
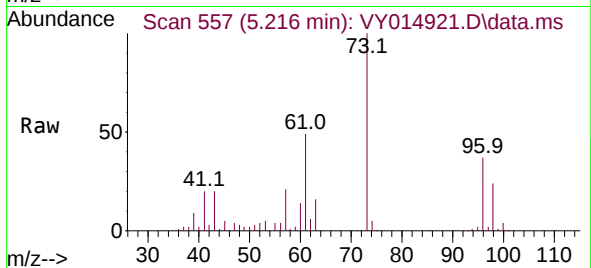
Tgt Ion: 96 Resp: 164749

Ion Ratio Lower Upper

96 100

61 133.1 110.2 165.4

98 63.7 51.8 77.6



#22

Diisopropyl ether

Concen: 53.049 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.007 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Tgt Ion: 45 Resp: 551047

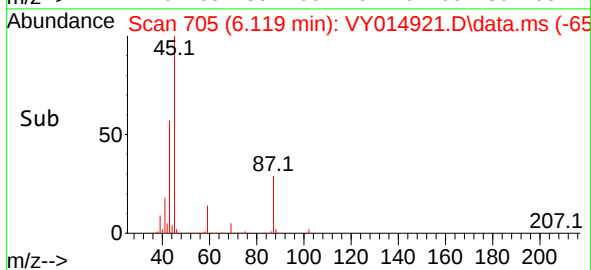
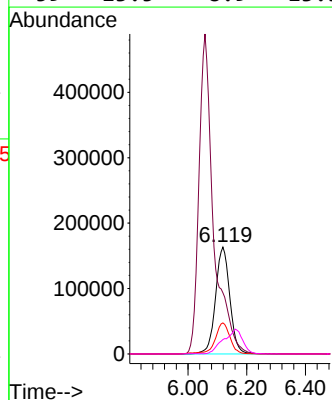
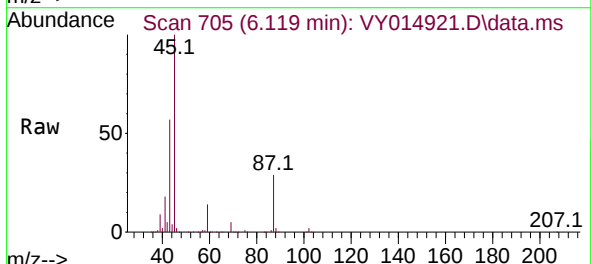
Ion Ratio Lower Upper

45 100

43 57.1 52.2 78.4

87 29.0 21.0 31.6

59 13.5 8.9 13.3#

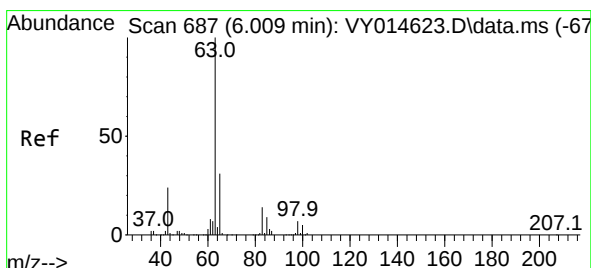
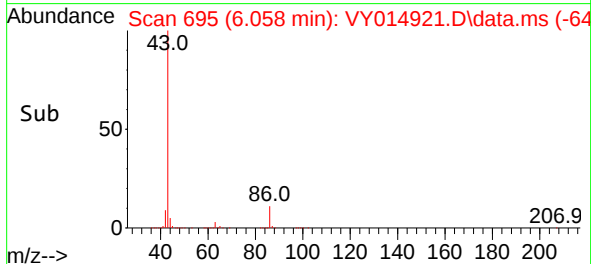
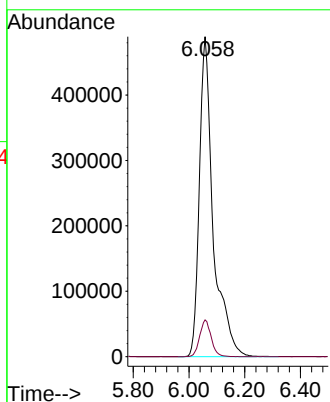
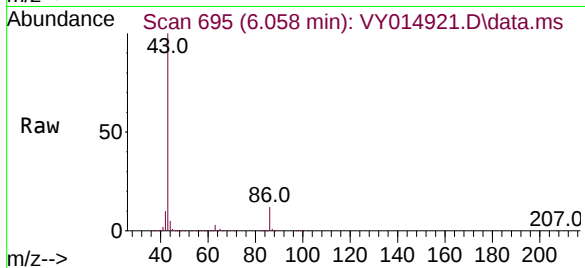




#23
 Vinyl Acetate
 Concen: 270.742 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VY014921.D
 Acq: 01 Aug 2023 09:57

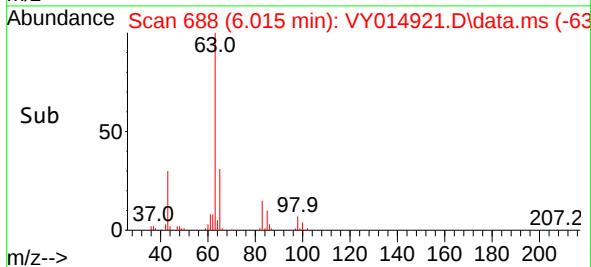
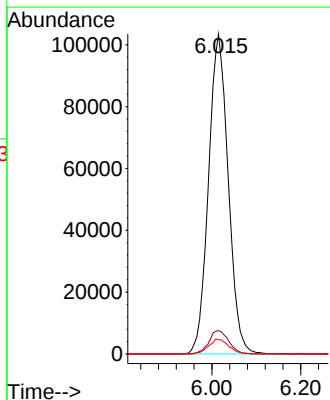
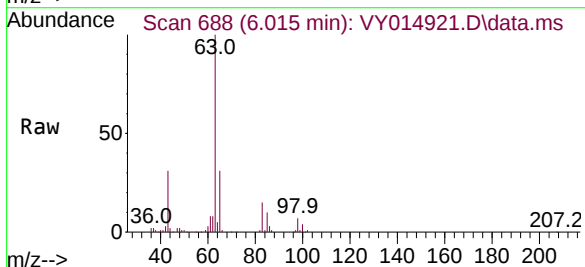
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1682992
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 53.577 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014921.D
 Acq: 01 Aug 2023 09:57

Tgt Ion: 63 Resp: 318441
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.4 1.8 5.5

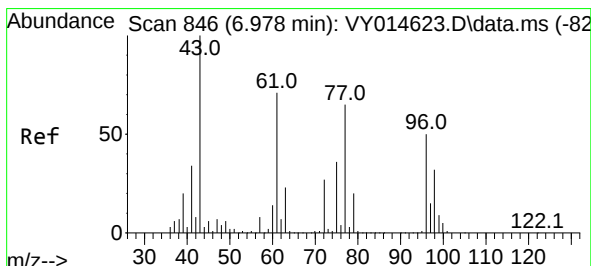
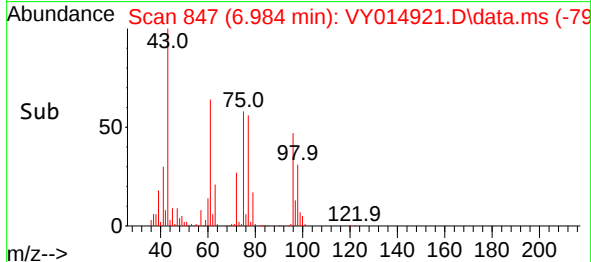
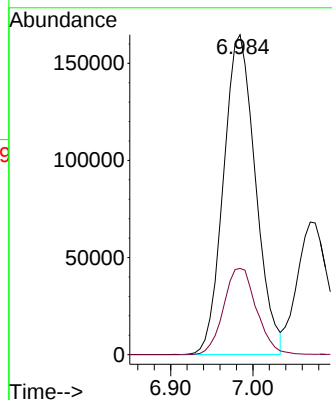
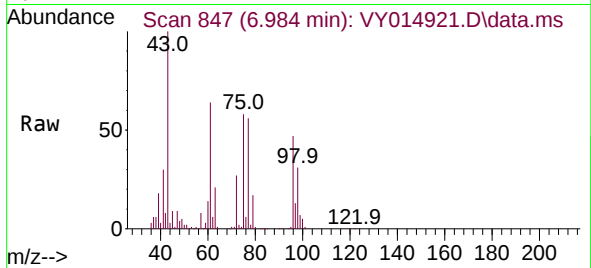




#25
2-Butanone
Concen: 288.790 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

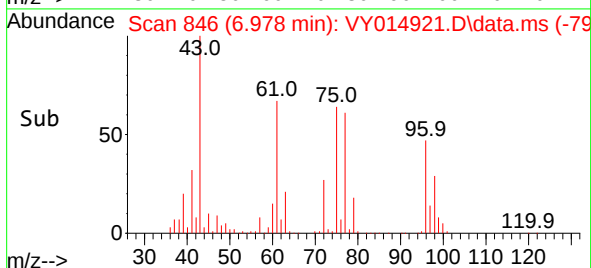
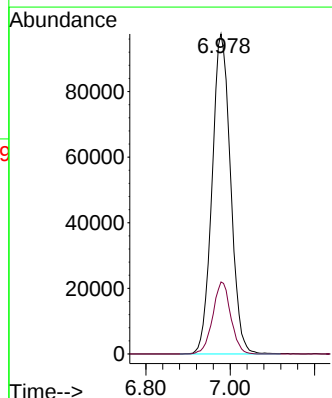
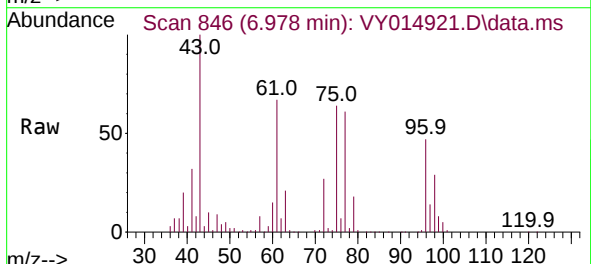
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

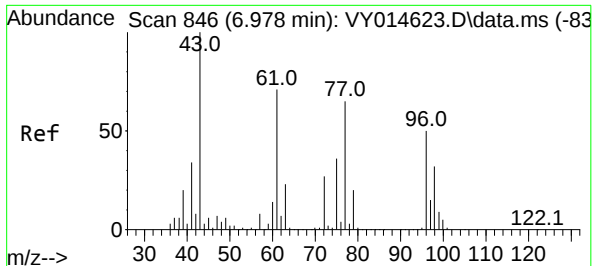
Tgt Ion: 43 Resp: 445819
Ion Ratio Lower Upper
43 100
72 26.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 52.362 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 77 Resp: 296612
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9

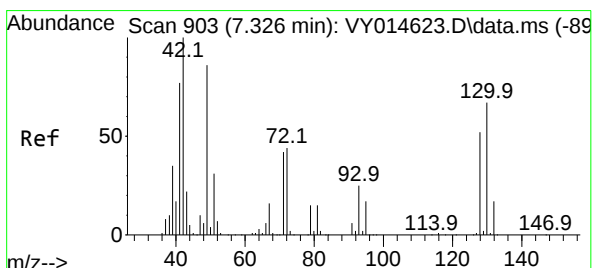
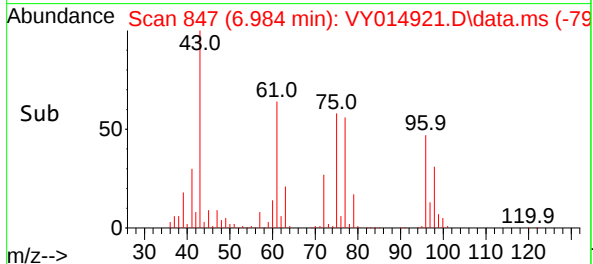
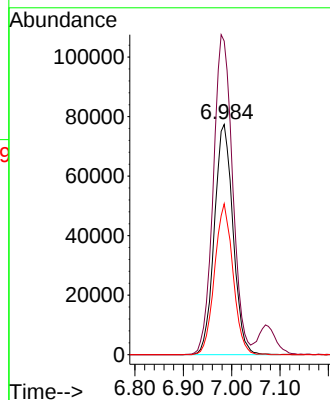
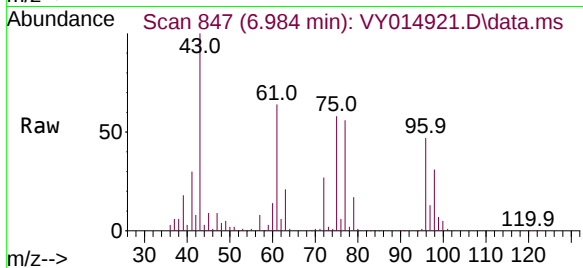




#27
 cis-1,2-Dichloroethene
 Concen: 54.625 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY014921.D
 Acq: 01 Aug 2023 09:57

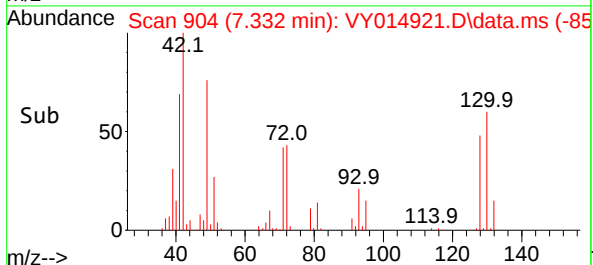
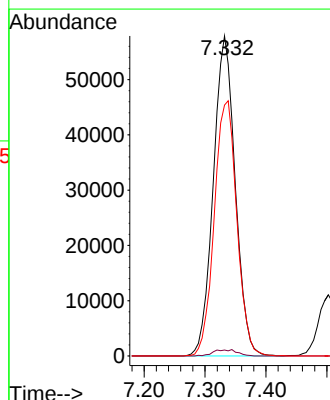
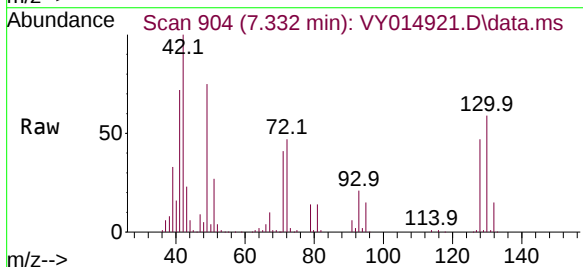
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

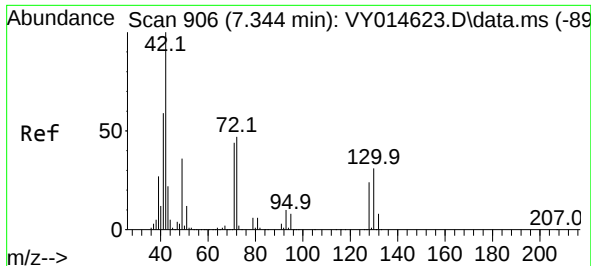
Tgt Ion: 96 Resp: 207635
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 301.4
 98 64.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 56.492 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014921.D
 Acq: 01 Aug 2023 09:57

Tgt Ion: 49 Resp: 144608
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 82.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 295.333 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

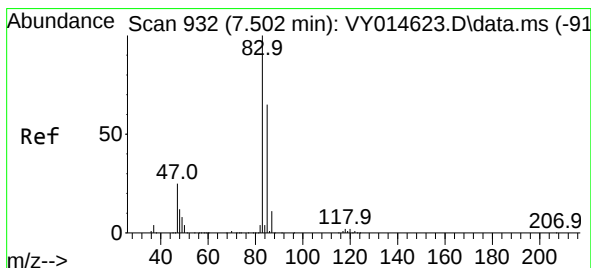
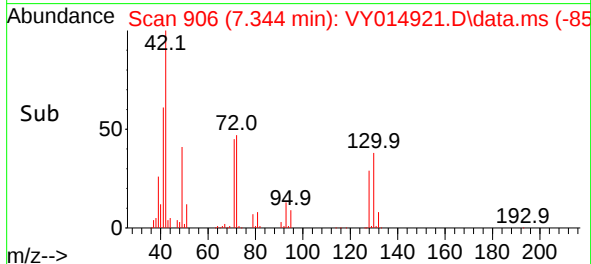
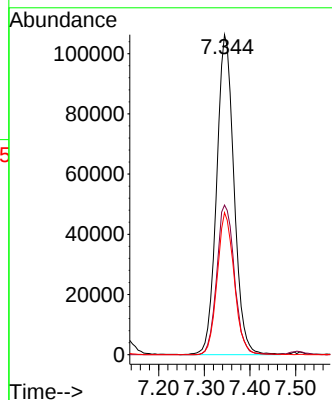
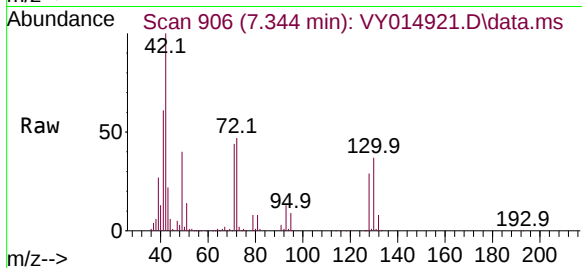
Tgt Ion: 42 Resp: 280734

Ion Ratio Lower Upper

42 100

72 47.4 32.8 49.2

71 43.4 31.0 46.4



#30

Chloroform

Concen: 55.478 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY014921.D

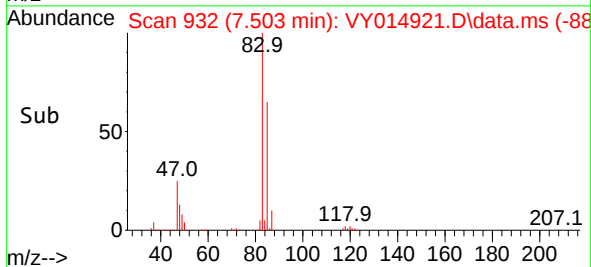
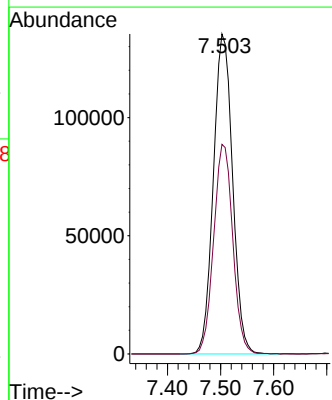
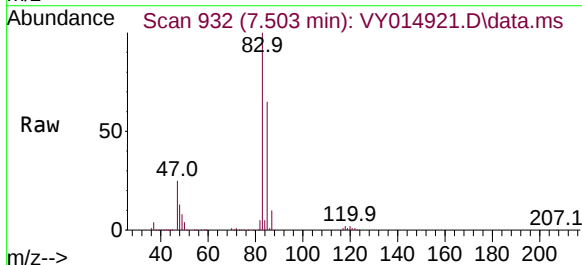
Acq: 01 Aug 2023 09:57

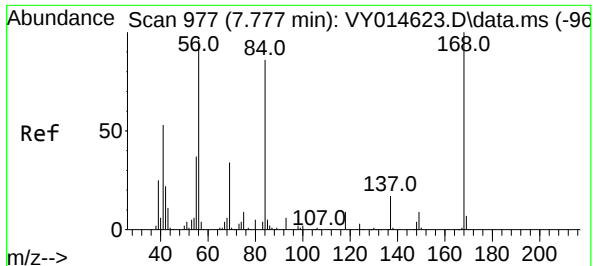
Tgt Ion: 83 Resp: 340029

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

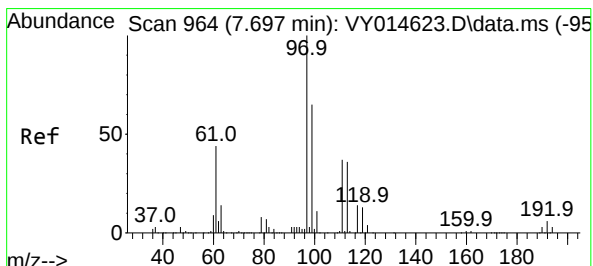
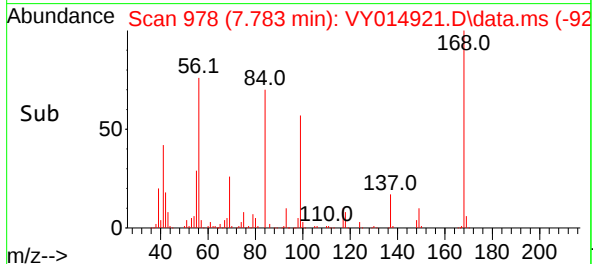
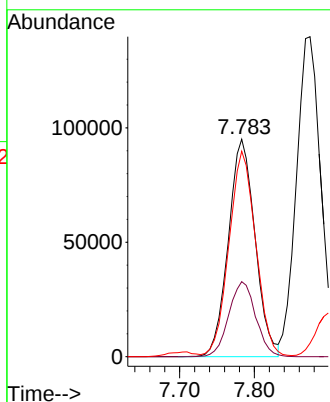
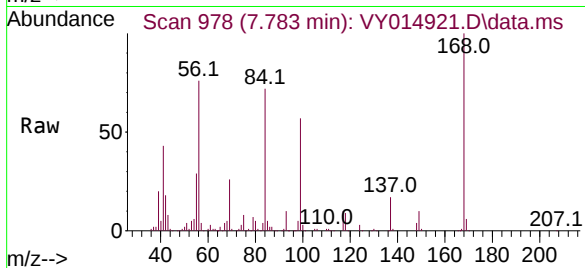




#31
Cyclohexane
Concen: 42.761 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

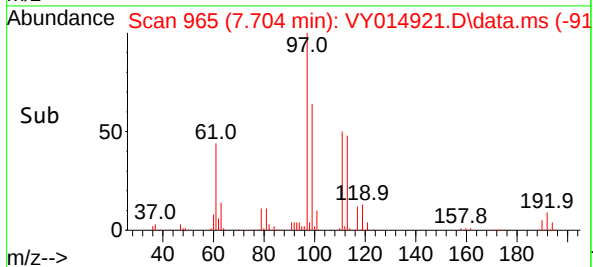
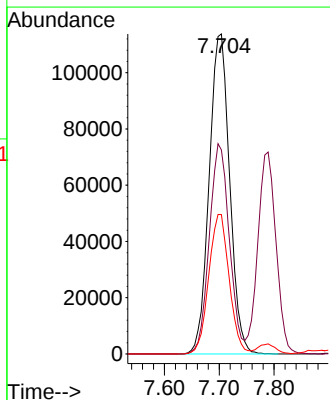
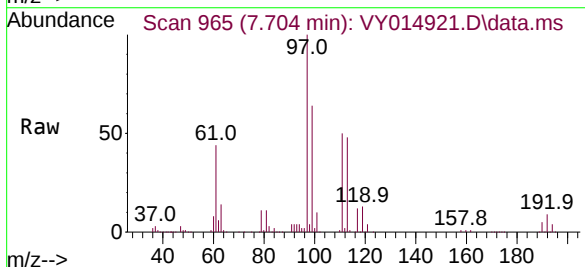
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

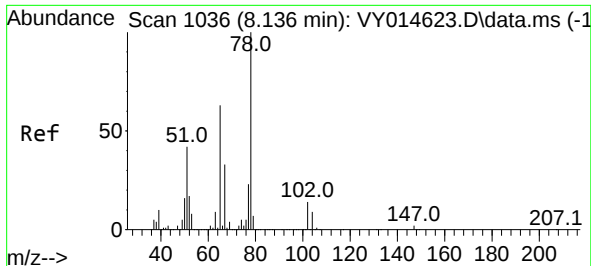
Tgt Ion: 56 Resp: 236369
Ion Ratio Lower Upper
56 100
69 34.5 27.8 41.6
84 92.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.437 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 97 Resp: 294772
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 43.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.427 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

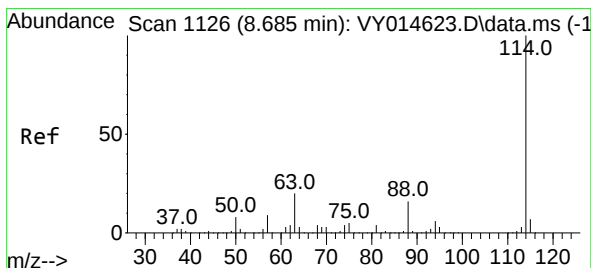
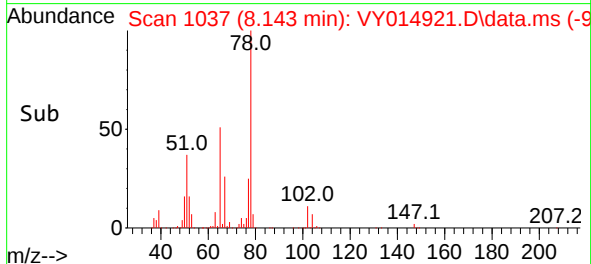
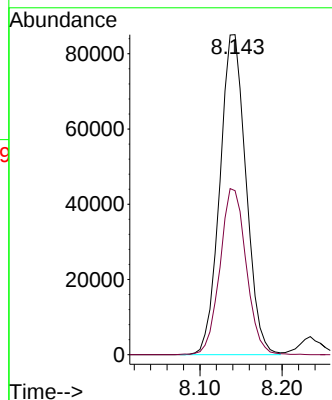
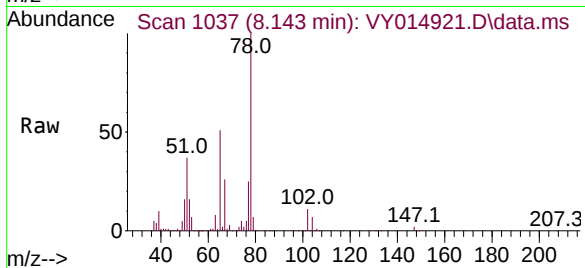
VSTDCCC050

Tgt Ion: 65 Resp: 187896

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

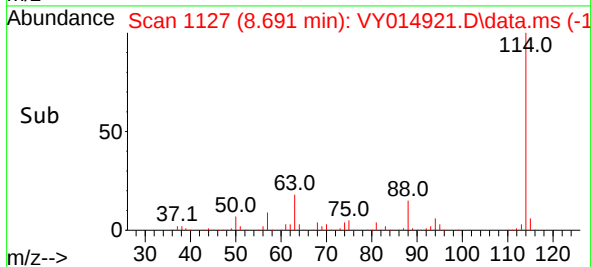
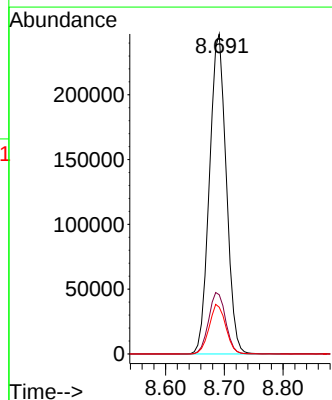
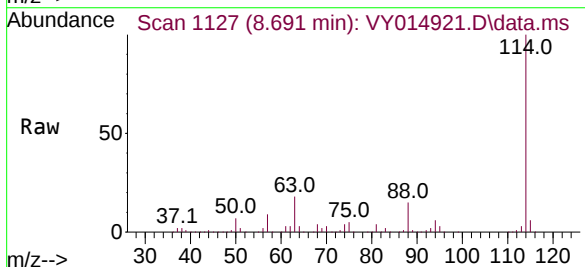
Tgt Ion: 114 Resp: 489155

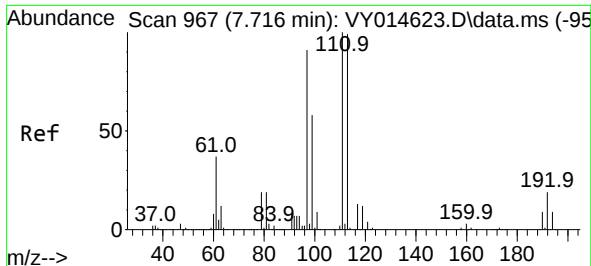
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.6 0.0 30.6

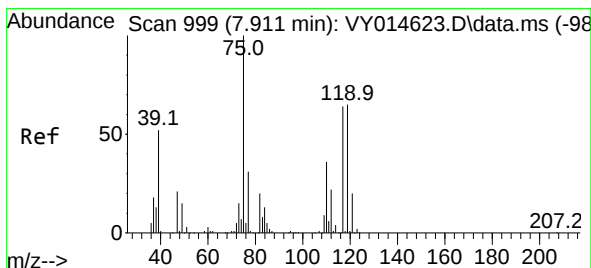
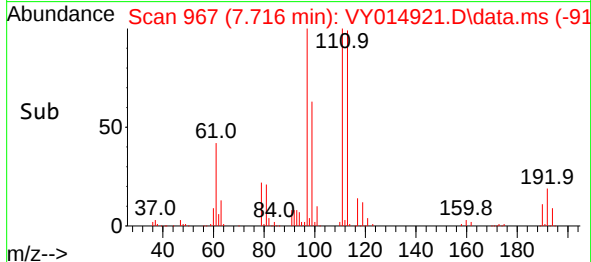
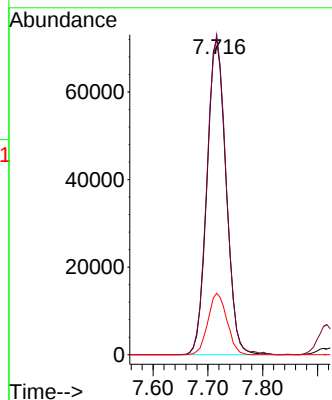
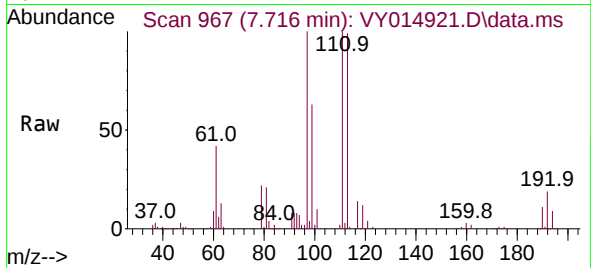




#35
Dibromofluoromethane
Concen: 55.902 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

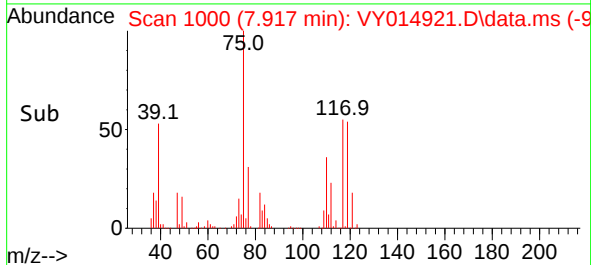
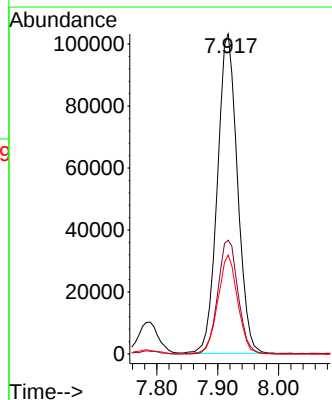
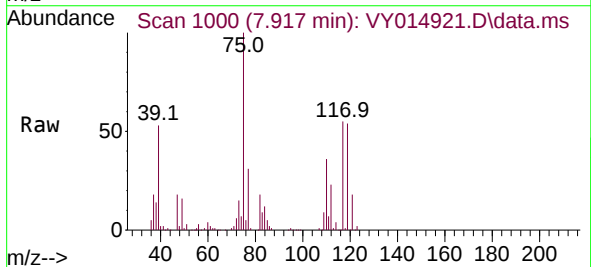
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

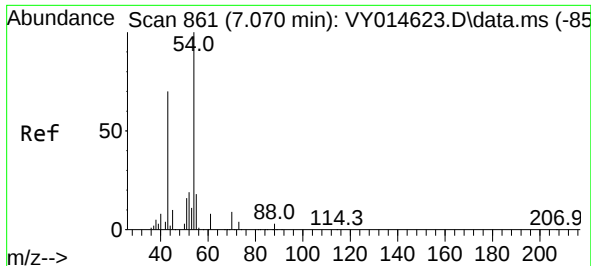
Tgt Ion:113 Resp: 174070
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.621 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 75 Resp: 235725
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 57.776 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

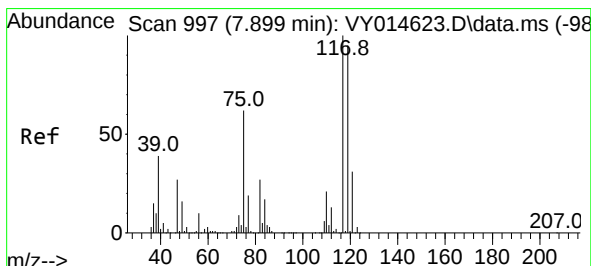
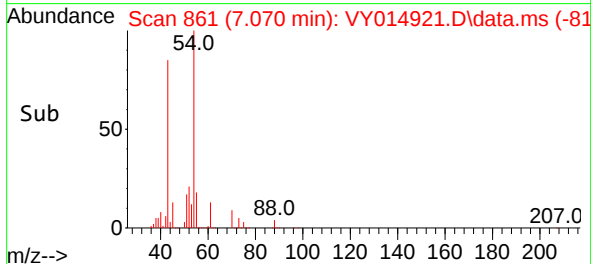
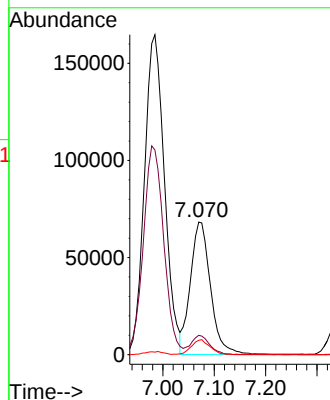
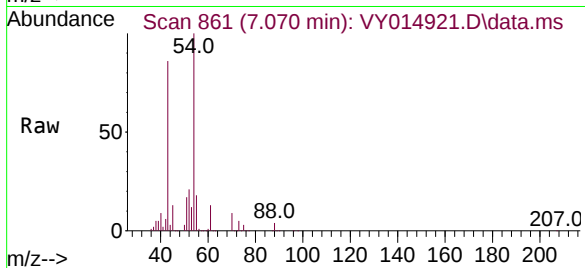
Tgt Ion: 43 Resp: 185236

Ion Ratio Lower Upper

43 100

61 13.7 10.1 15.1

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 52.538 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

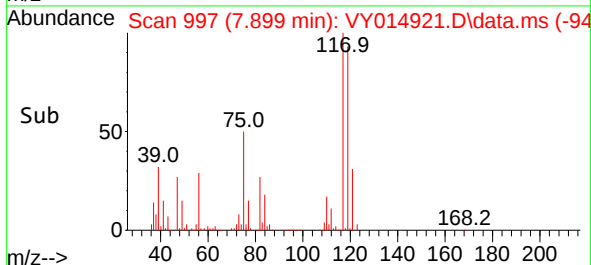
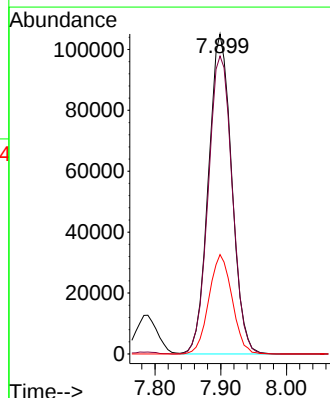
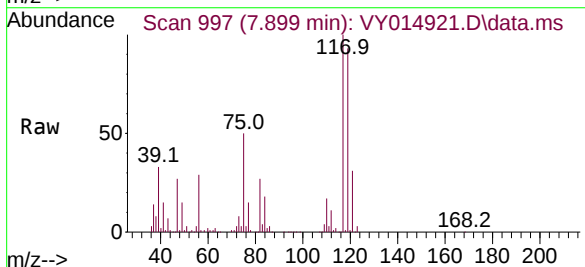
Tgt Ion: 117 Resp: 258616

Ion Ratio Lower Upper

117 100

119 93.1 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 45.311 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

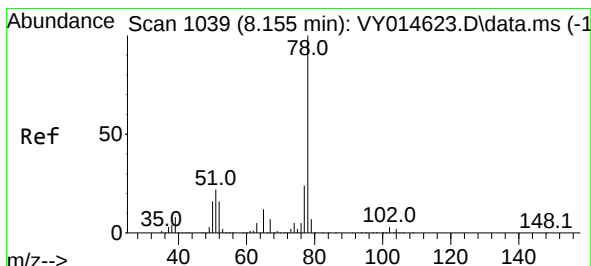
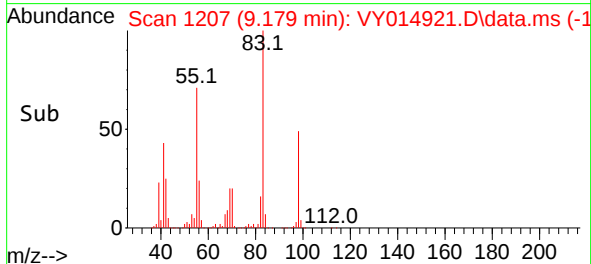
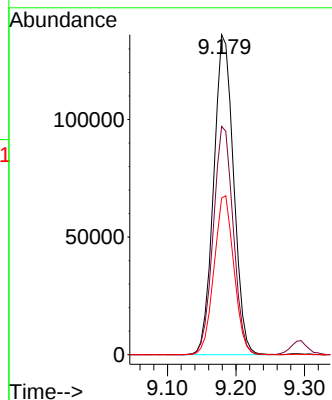
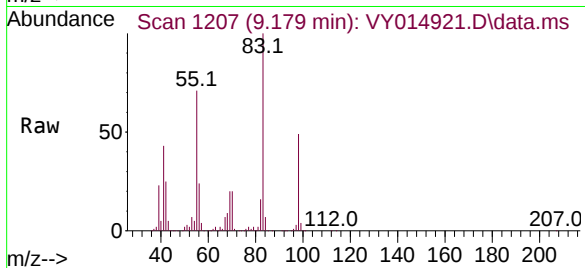
Tgt Ion: 83 Resp: 274887

Ion Ratio Lower Upper

83 100

55 71.4 63.0 94.4

98 48.9 37.4 56.2



#40

Benzene

Concen: 52.661 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014921.D

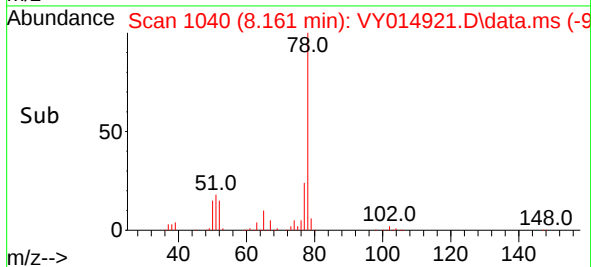
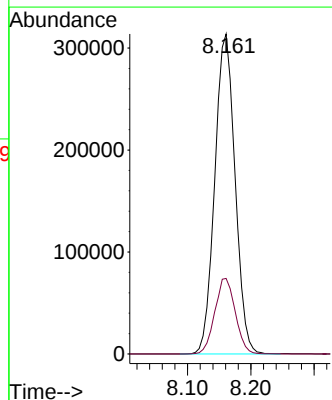
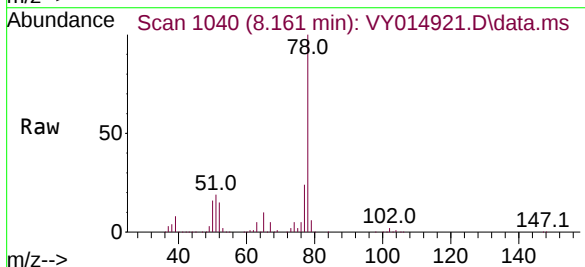
Acq: 01 Aug 2023 09:57

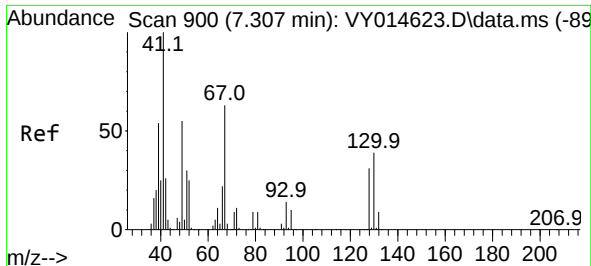
Tgt Ion: 78 Resp: 697432

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

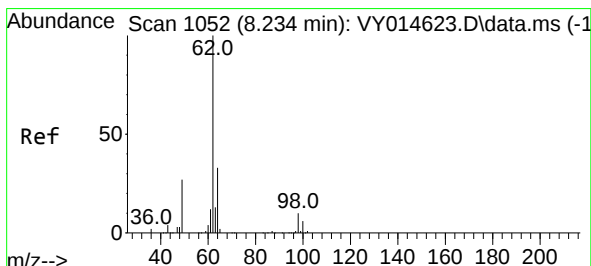
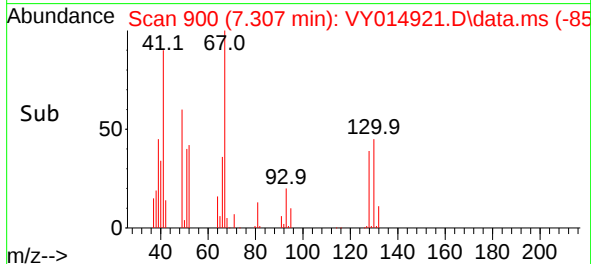
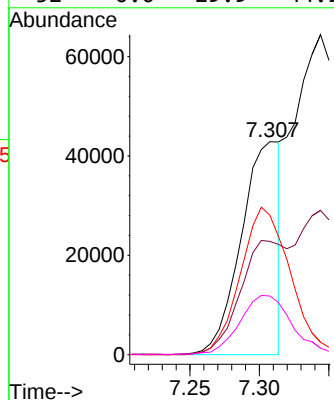
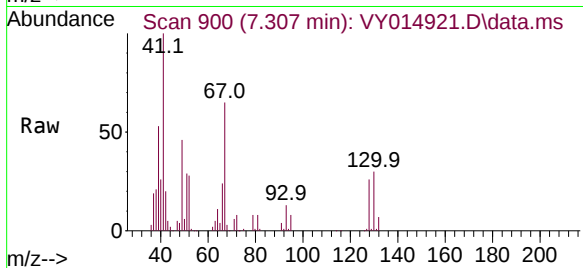




#41
Methacrylonitrile
Concen: 50.736 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

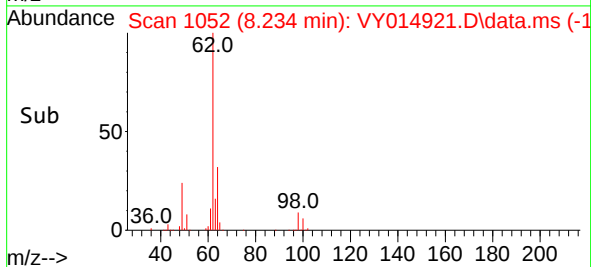
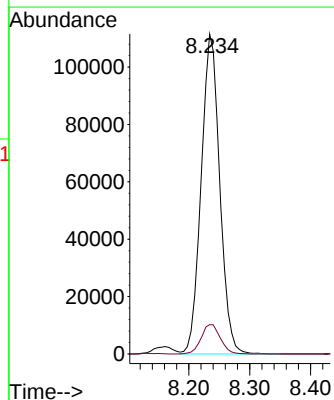
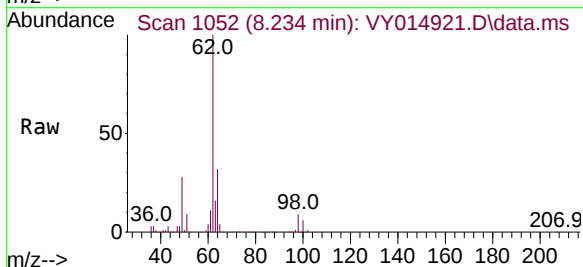
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

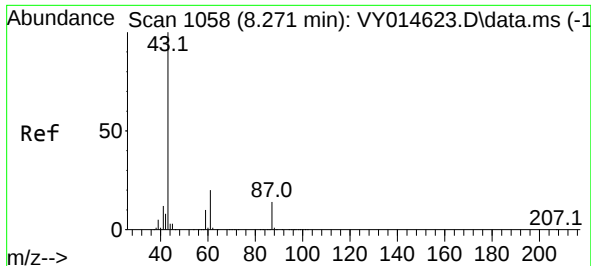
Tgt Ion:	41	Resp:	83668
Ion	Ratio	Lower	Upper
41	100		
39	78.7	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 56.293 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion:	62	Resp:	236089
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	15.8

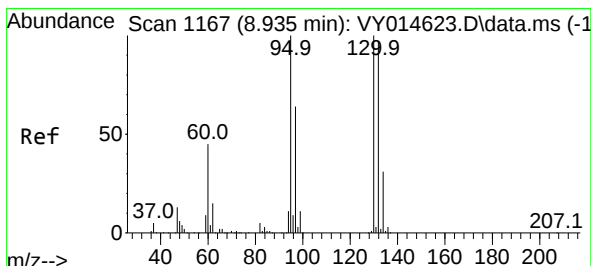
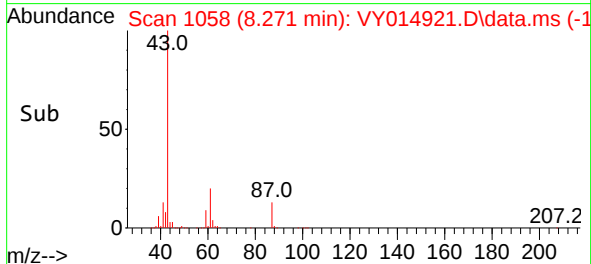
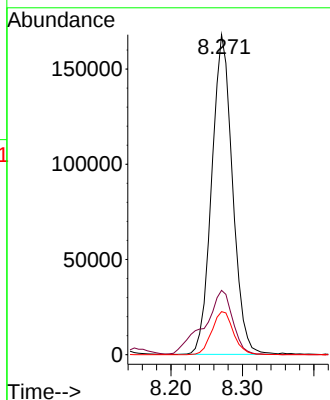
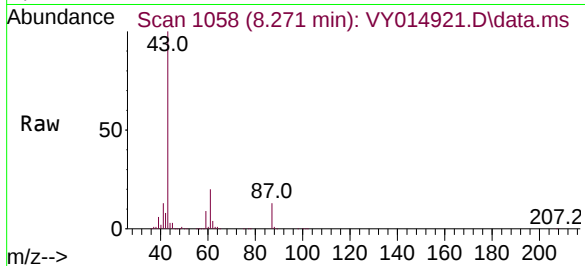




#43
Isopropyl Acetate
Concen: 55.545 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

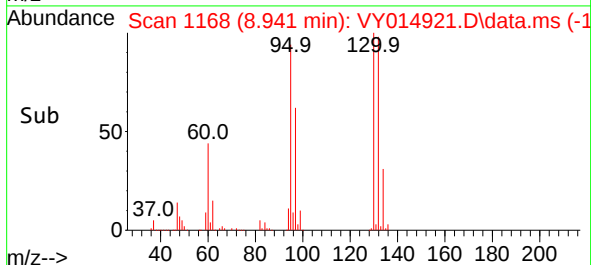
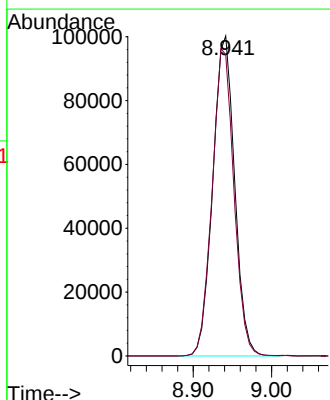
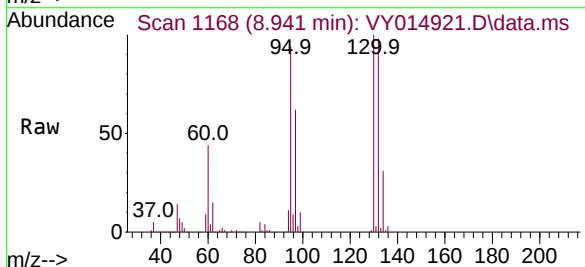
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

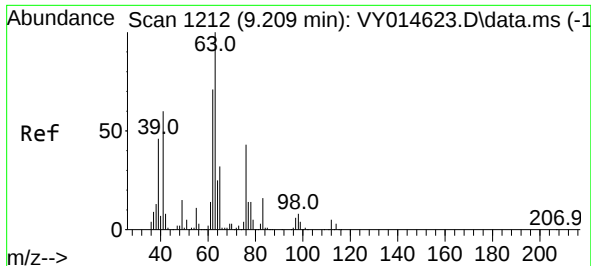
Tgt Ion: 43 Resp: 339234
Ion Ratio Lower Upper
43 100
61 27.6 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 52.330 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion:130 Resp: 193908
Ion Ratio Lower Upper
130 100
95 94.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.940 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

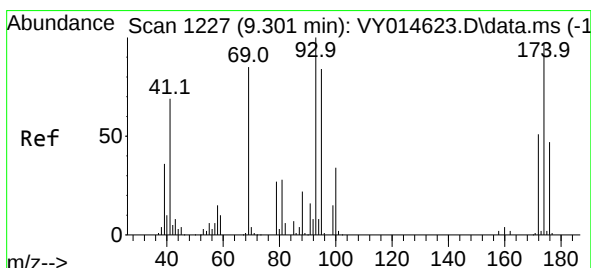
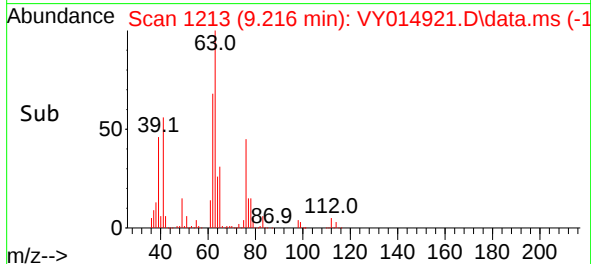
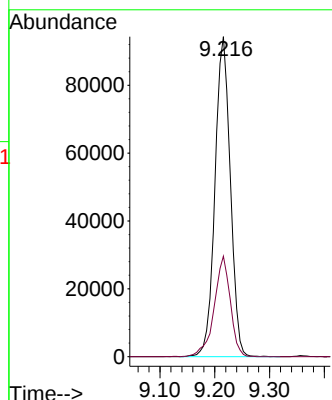
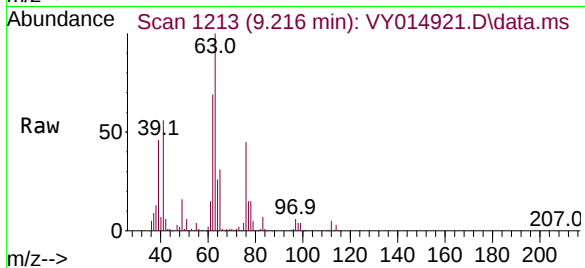
VSTDCCC050

Tgt Ion: 63 Resp: 183080

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 55.742 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

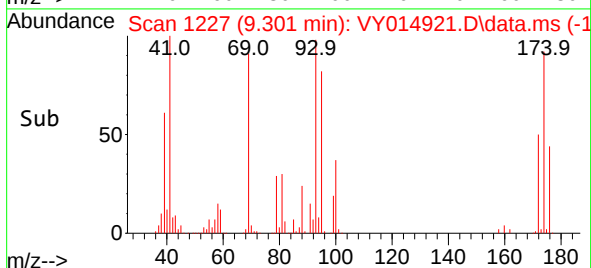
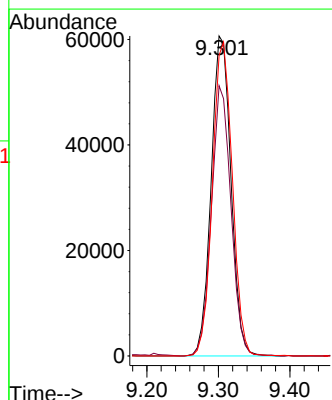
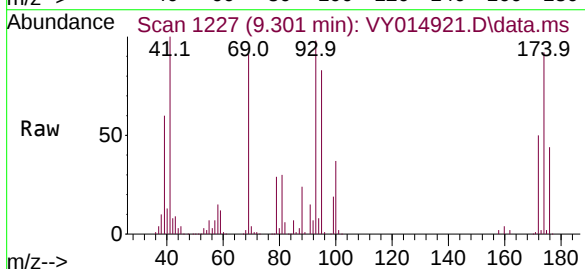
Tgt Ion: 93 Resp: 116945

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 98.4 84.8 127.2

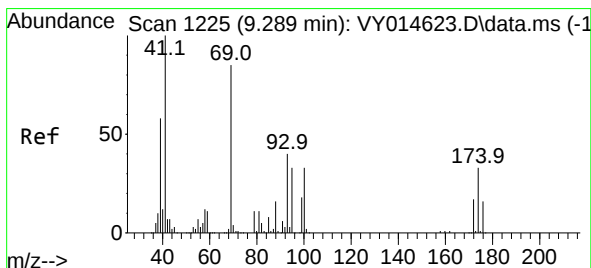
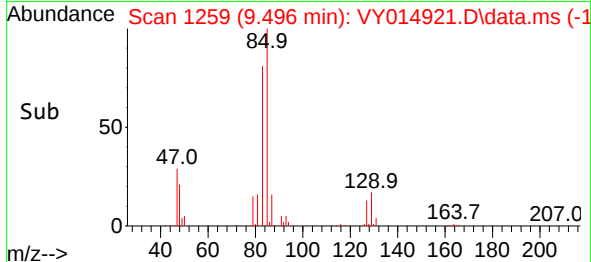
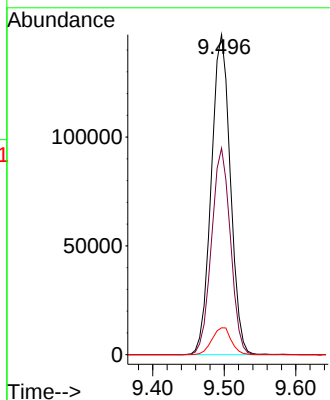
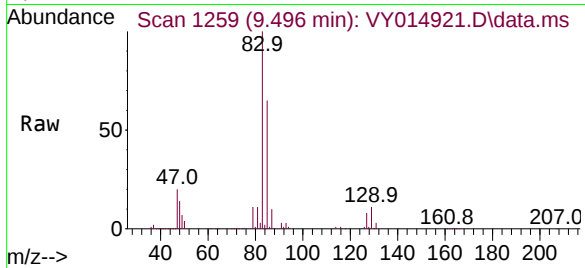




#47
Bromodichloromethane
Concen: 55.025 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

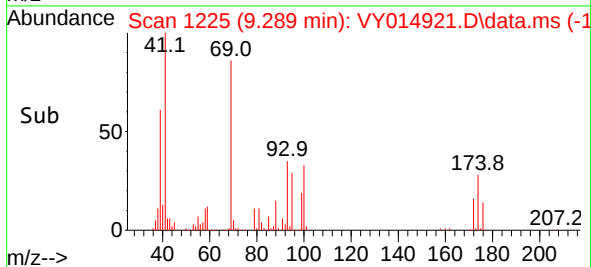
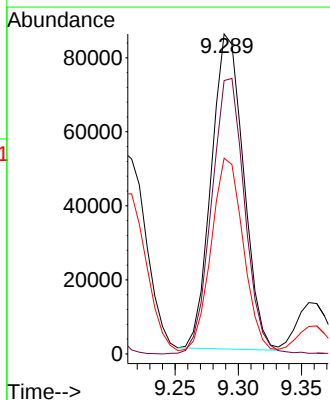
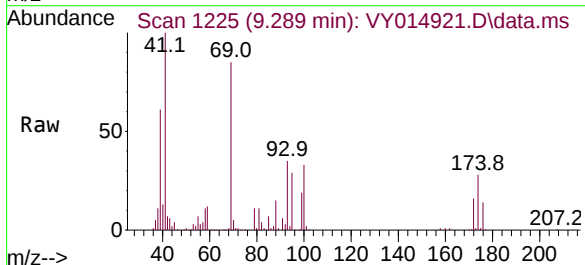
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

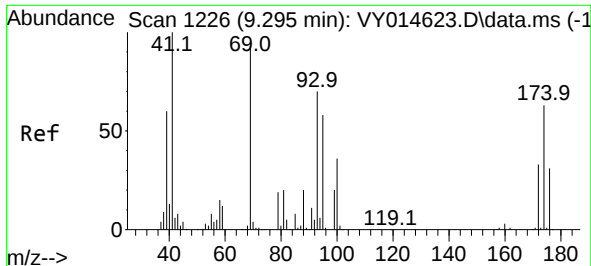
Tgt Ion: 83 Resp: 272077
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 54.967 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 41 Resp: 151055
Ion Ratio Lower Upper
41 100
69 89.9 64.5 96.7
39 62.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1164.024 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

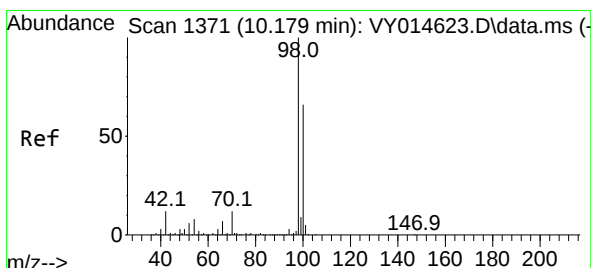
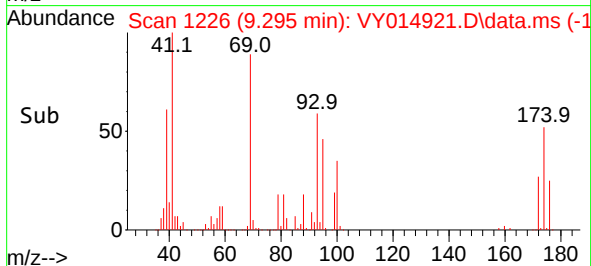
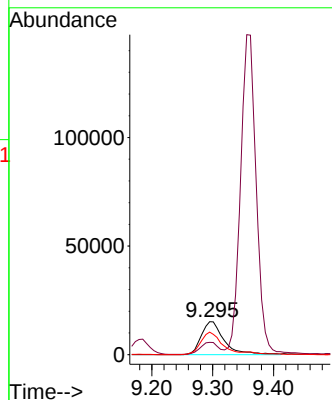
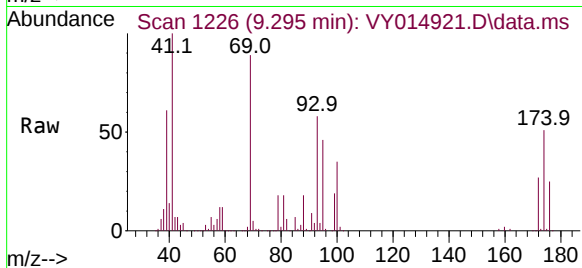
Tgt Ion: 88 Resp: 39820

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 62.9 30.9 46.3#



#50

Toluene-d8

Concen: 52.663 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014921.D

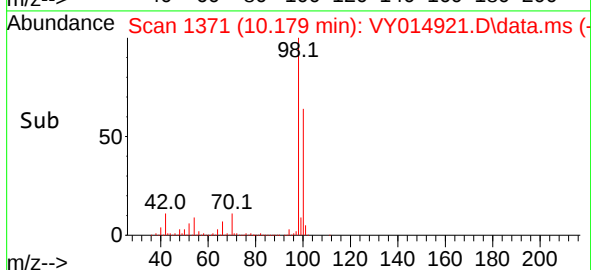
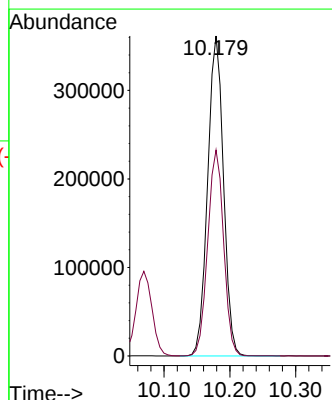
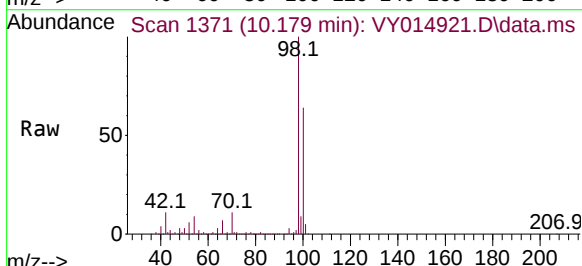
Acq: 01 Aug 2023 09:57

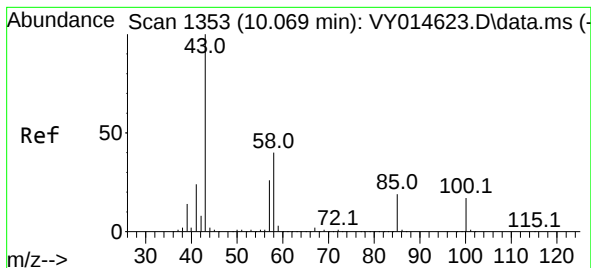
Tgt Ion: 98 Resp: 604573

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1

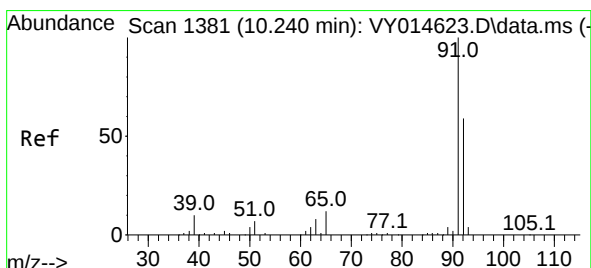
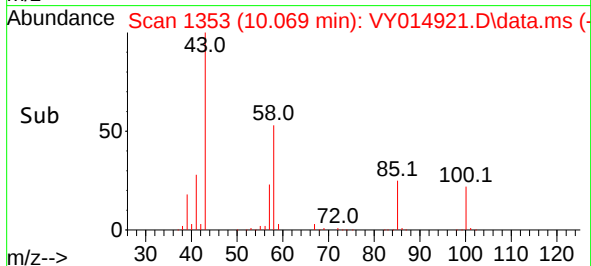
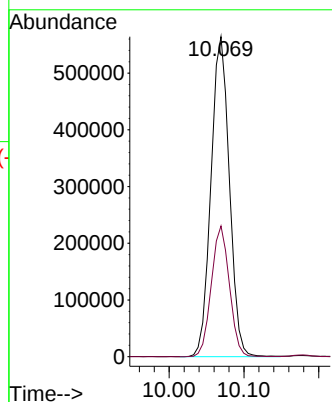
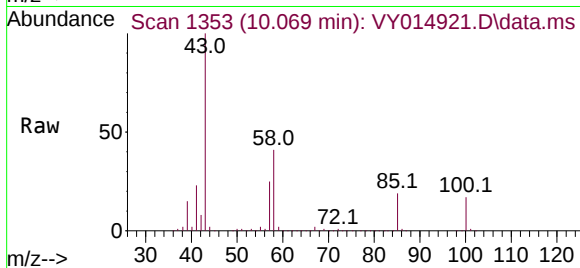




#51
4-Methyl-2-Pentanone
Concen: 300.655 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

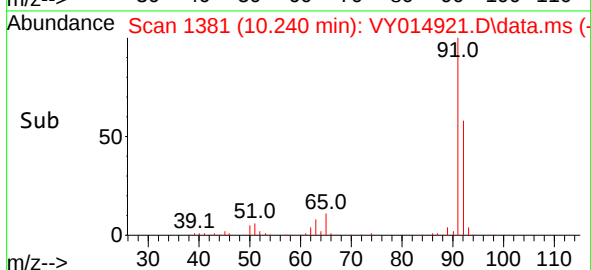
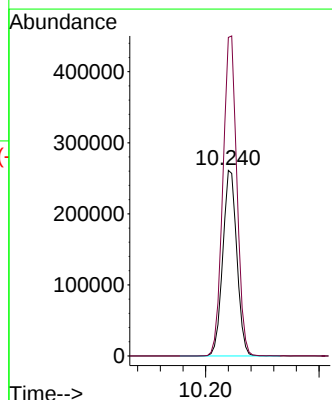
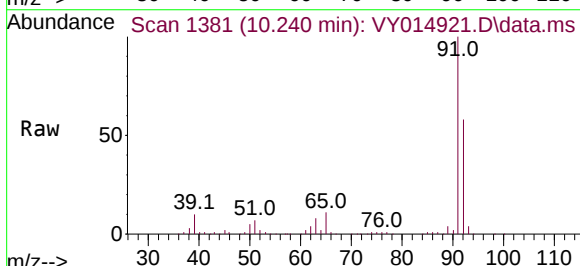
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

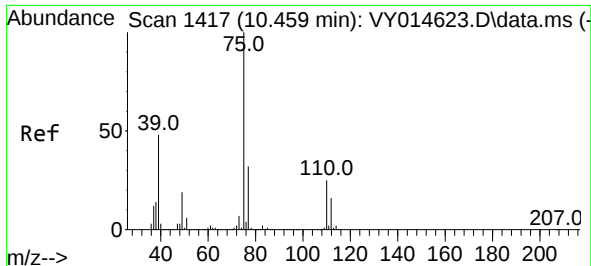
Tgt Ion: 43 Resp: 964084
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 52.887 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 92 Resp: 448203
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6

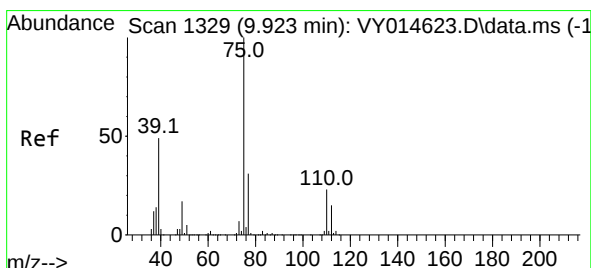
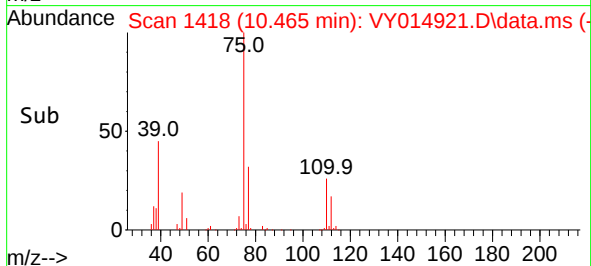
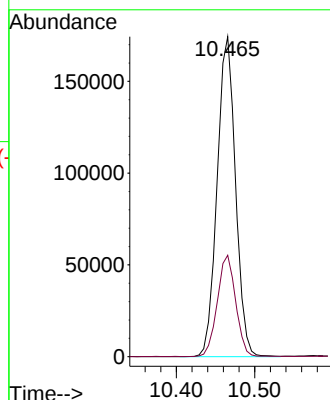
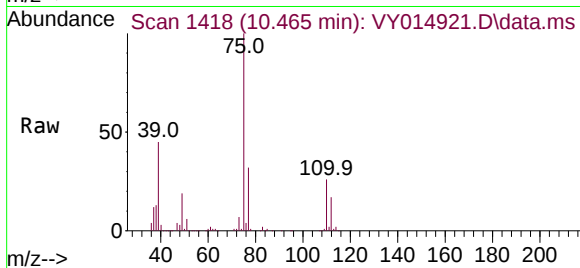




#53
t-1,3-Dichloropropene
Concen: 52.616 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

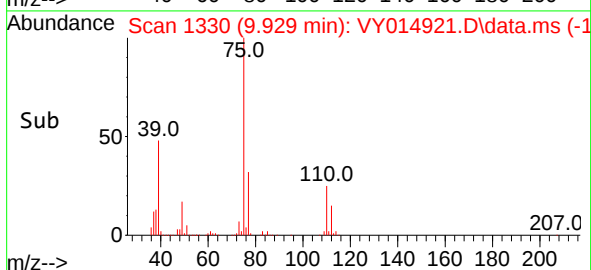
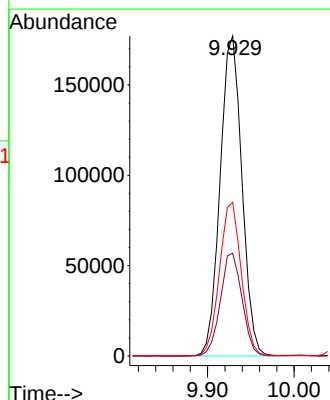
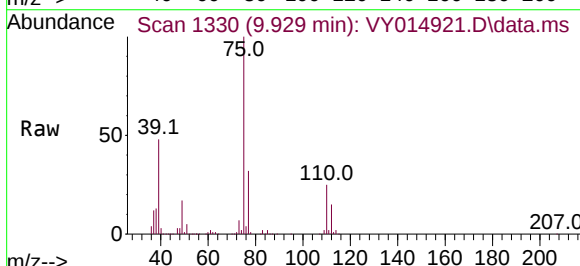
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

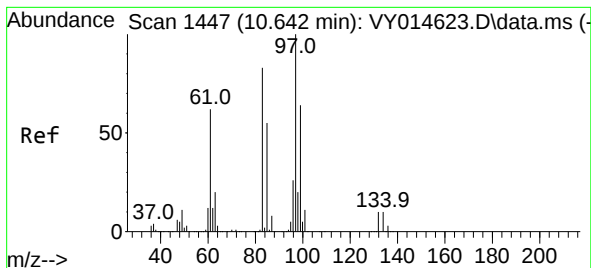
Tgt Ion: 75 Resp: 284580
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 52.632 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 75 Resp: 309564
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 48.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 56.488 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 165078

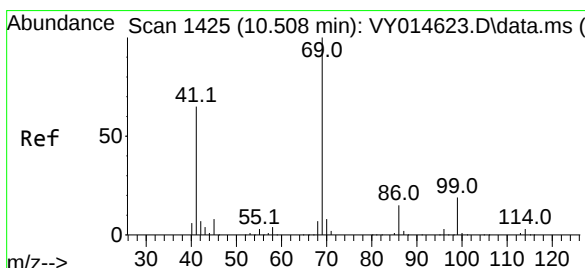
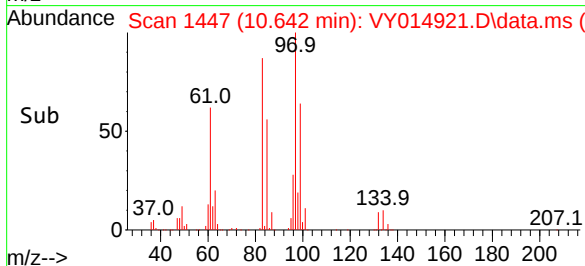
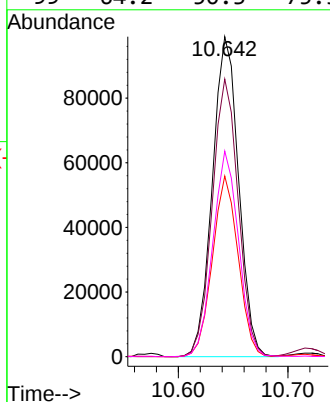
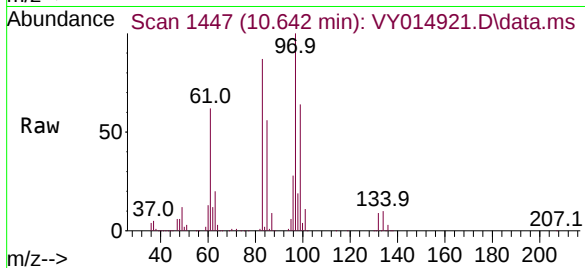
Ion Ratio Lower Upper

97 100

83 86.8 72.0 108.0

85 56.5 45.4 68.0

99 64.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.853 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

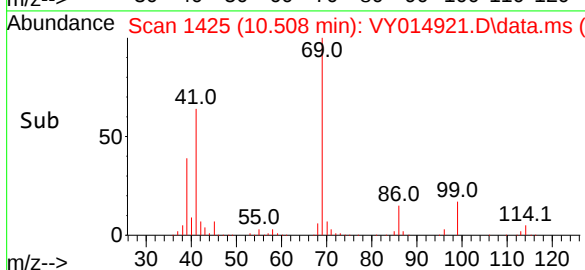
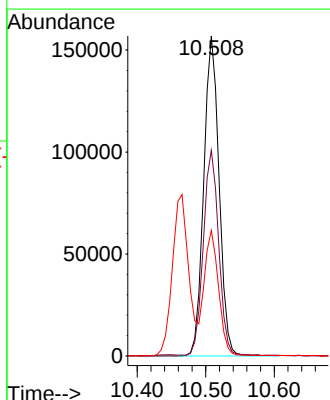
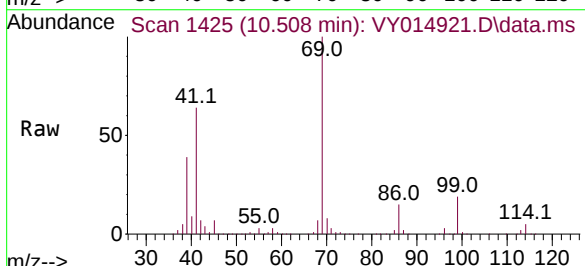
Tgt Ion: 69 Resp: 244753

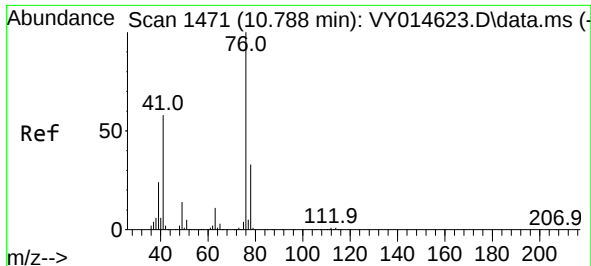
Ion Ratio Lower Upper

69 100

41 63.9 57.6 86.4

39 35.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 55.384 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

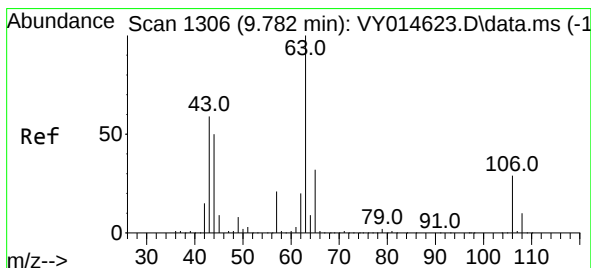
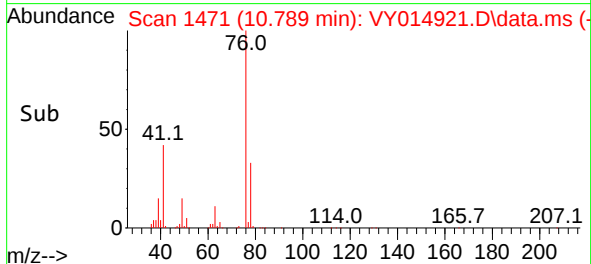
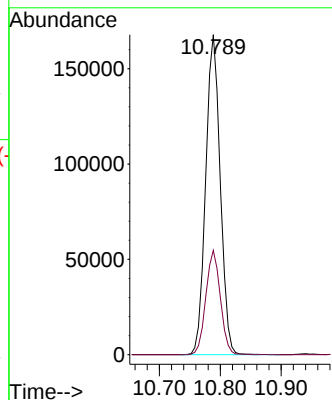
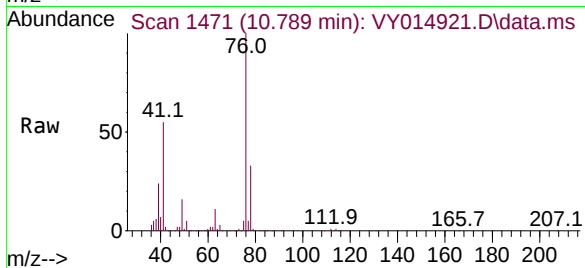
VSTDCCC050

Tgt Ion: 76 Resp: 279163

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 257.156 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014921.D

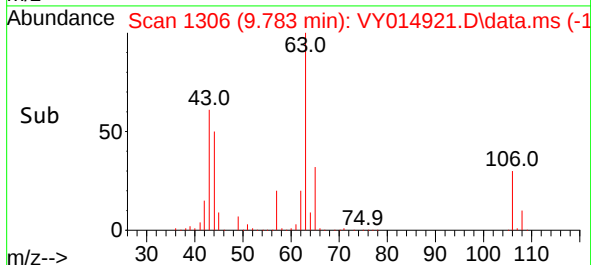
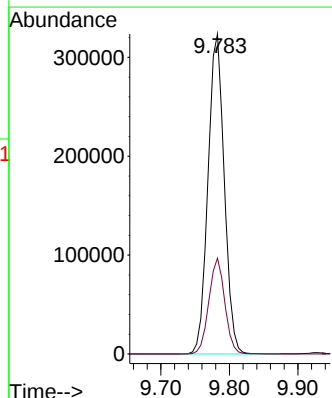
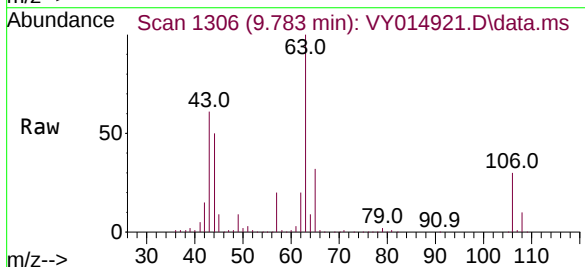
Acq: 01 Aug 2023 09:57

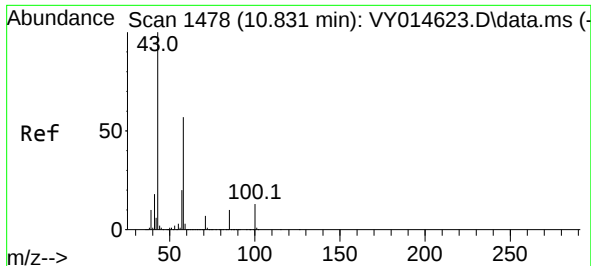
Tgt Ion: 63 Resp: 534634

Ion Ratio Lower Upper

63 100

106 29.3 21.2 31.8

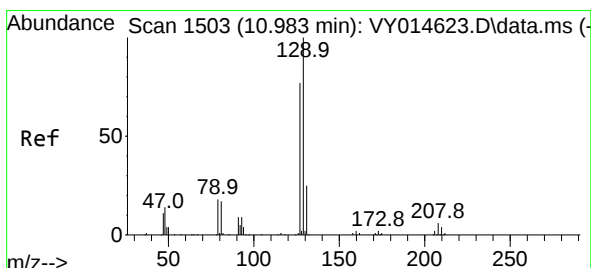
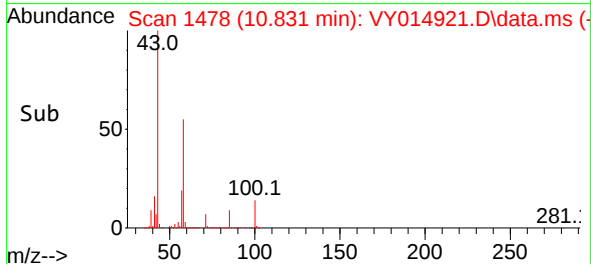
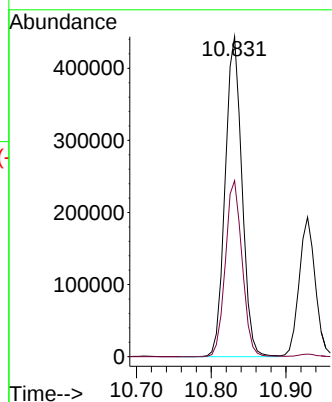
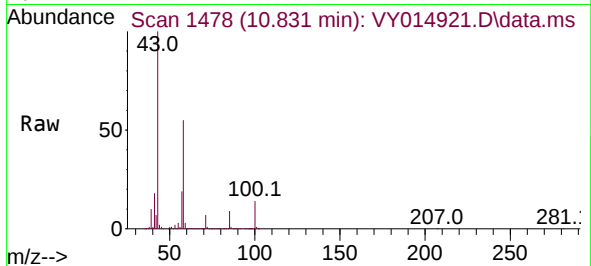




#59
2-Hexanone
Concen: 296.796 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

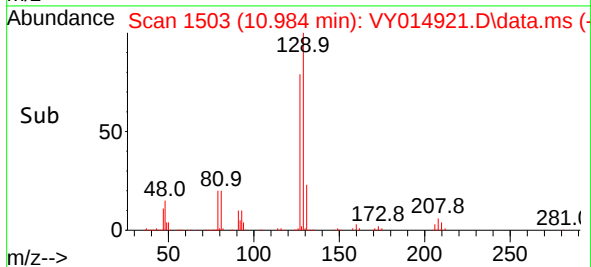
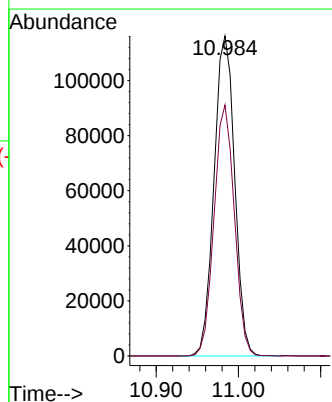
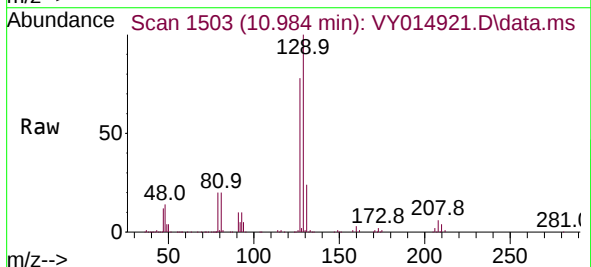
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

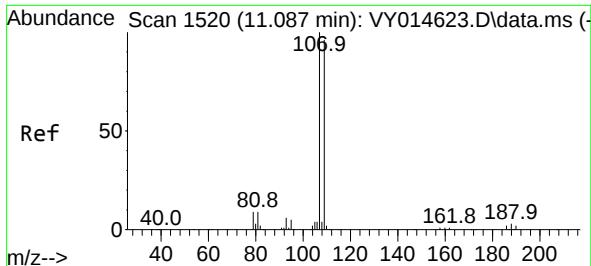
Tgt Ion: 43 Resp: 694040
Ion Ratio Lower Upper
43 100
58 55.0 25.1 75.3



#60
Dibromochloromethane
Concen: 56.516 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 129 Resp: 202497
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

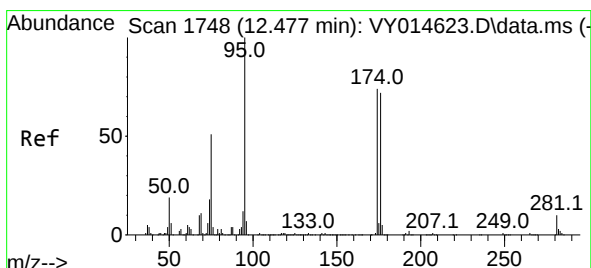
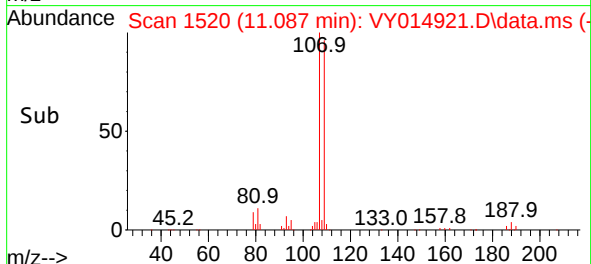
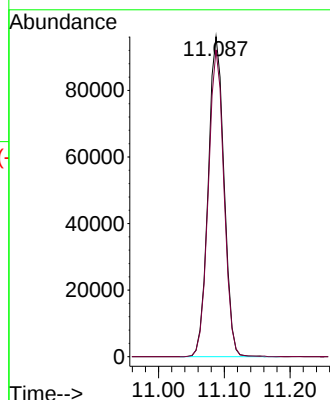
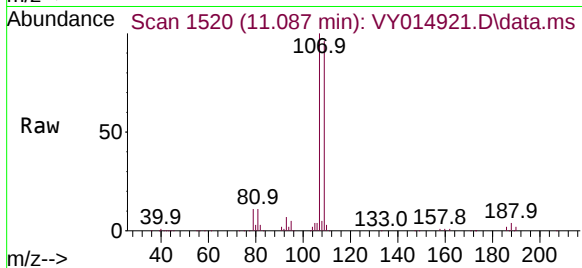




#61
1,2-Dibromoethane
Concen: 55.175 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

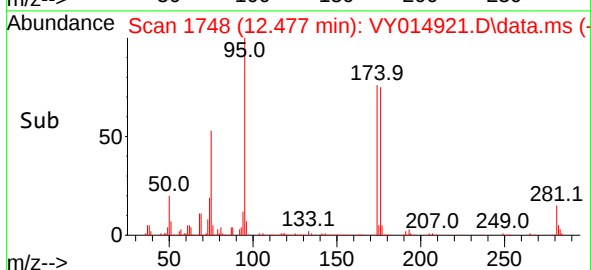
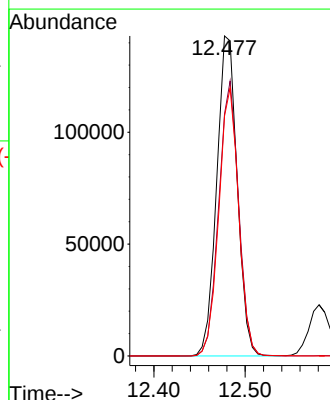
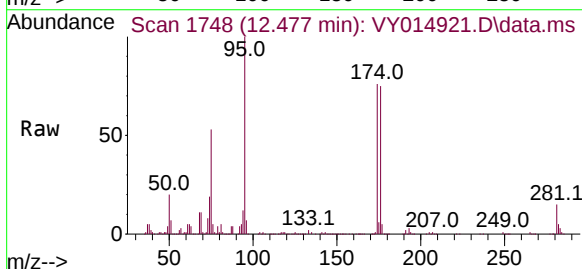
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

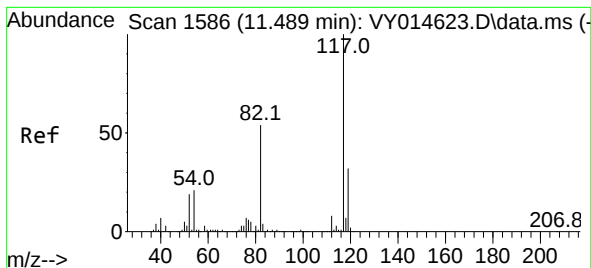
Tgt Ion:107 Resp: 160853
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.590 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 95 Resp: 222692
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 81.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

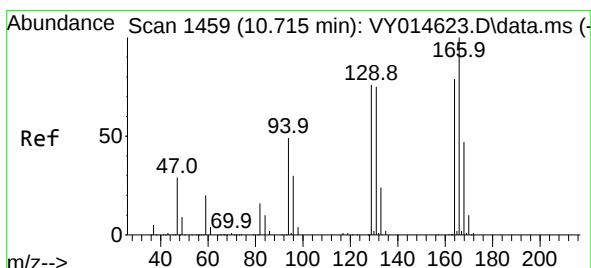
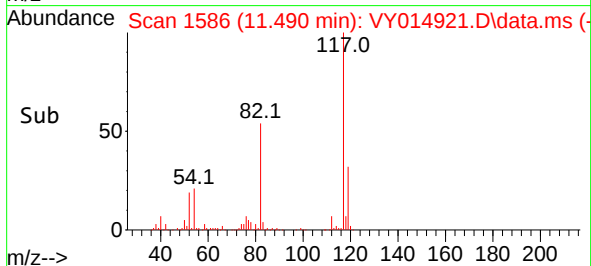
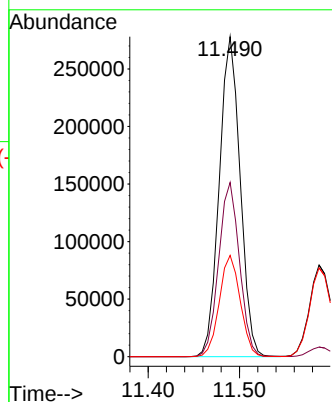
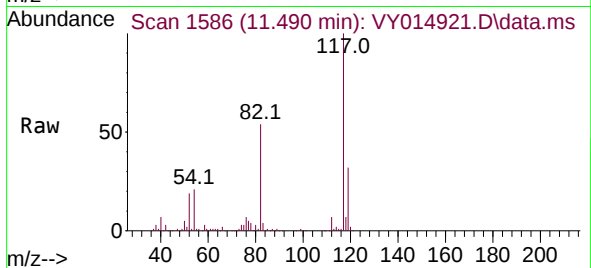
Tgt Ion:117 Resp: 441937

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 51.121 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Tgt Ion:164 Resp: 181702

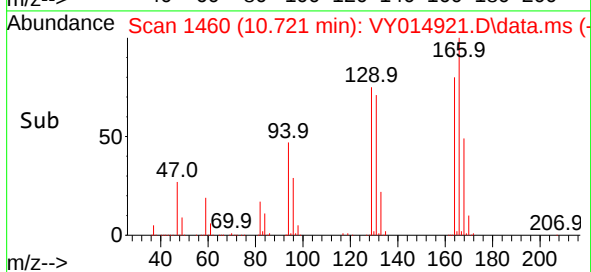
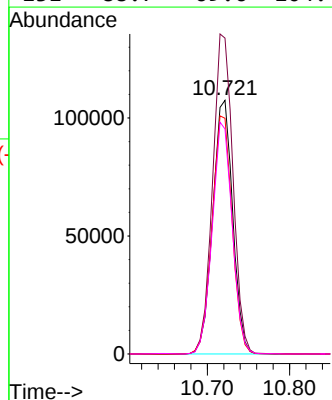
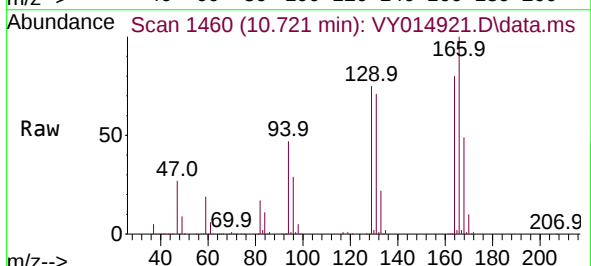
Ion Ratio Lower Upper

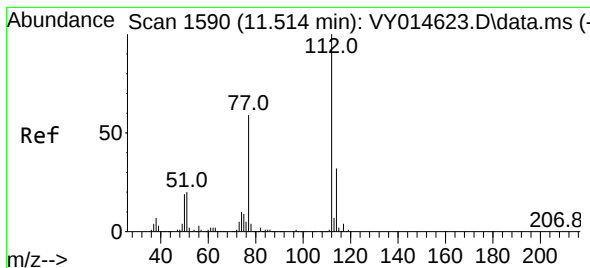
164 100

166 124.5 103.0 154.6

129 92.9 77.2 115.8

131 88.7 69.6 104.4





#65

Chlorobenzene

Concen: 52.738 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

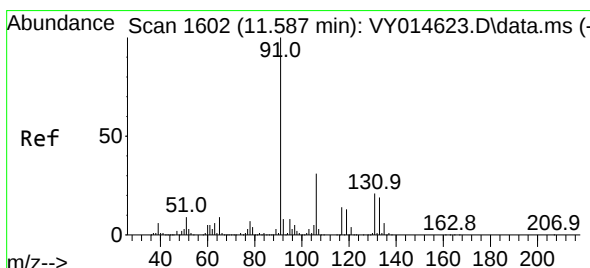
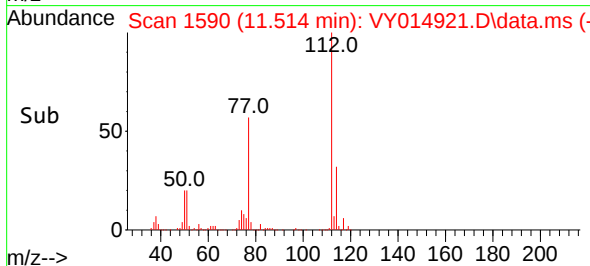
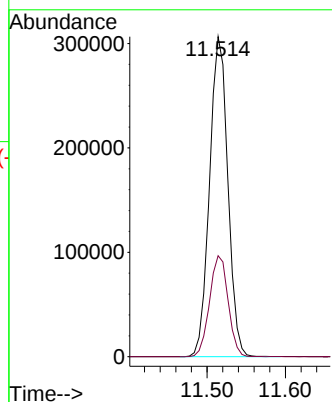
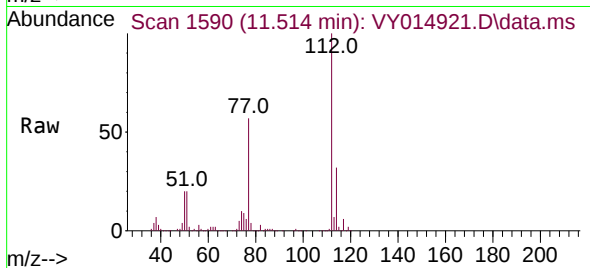
VSTDCCC050

Tgt Ion:112 Resp: 496664

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 54.550 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

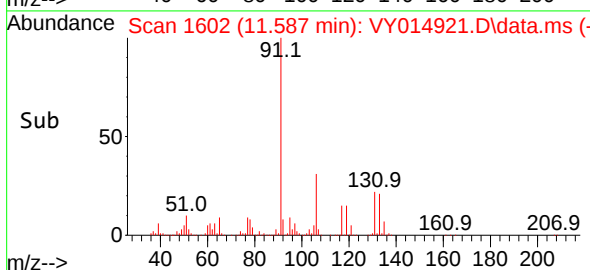
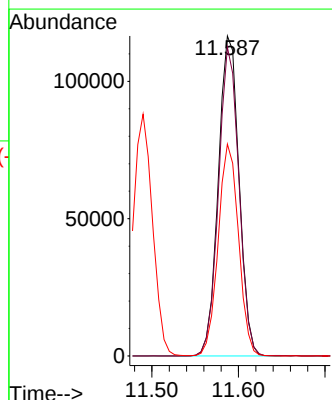
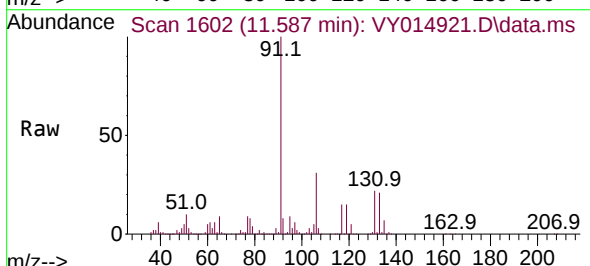
Tgt Ion:131 Resp: 193696

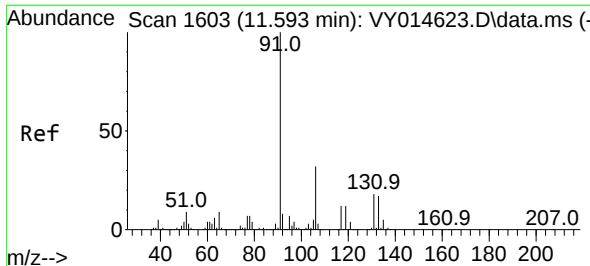
Ion Ratio Lower Upper

131 100

133 94.8 47.5 142.6

119 65.0 31.6 94.7

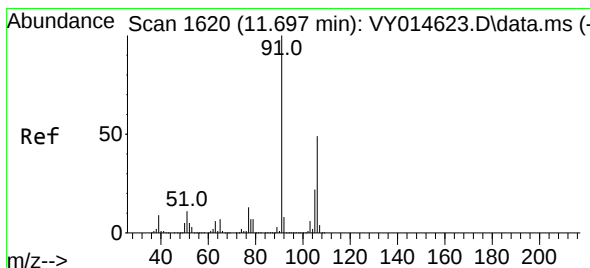
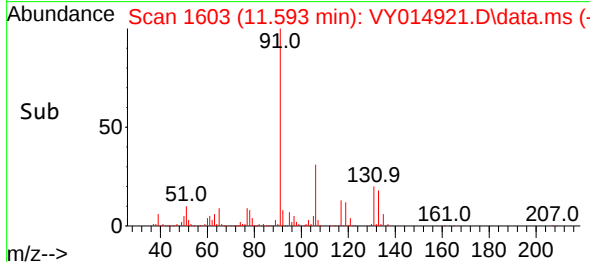
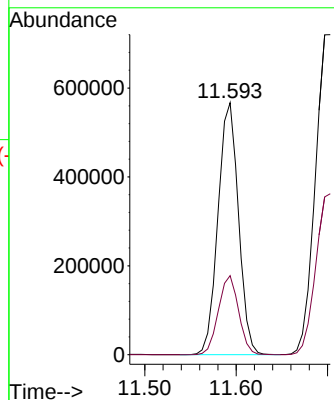
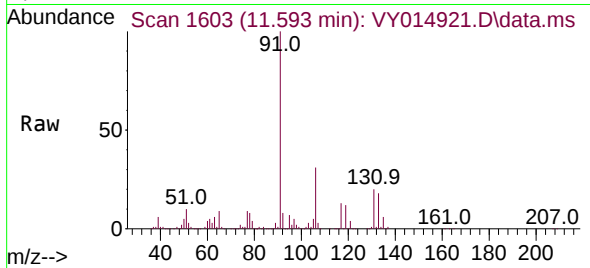




#67
Ethyl Benzene
Concen: 51.876 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

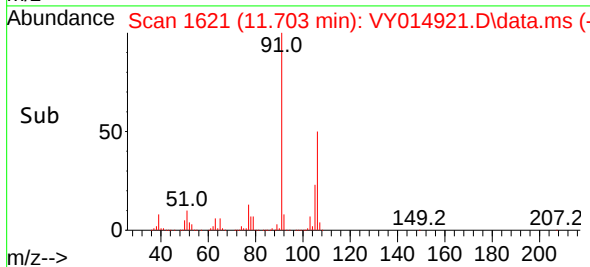
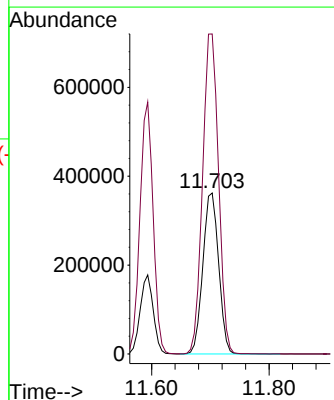
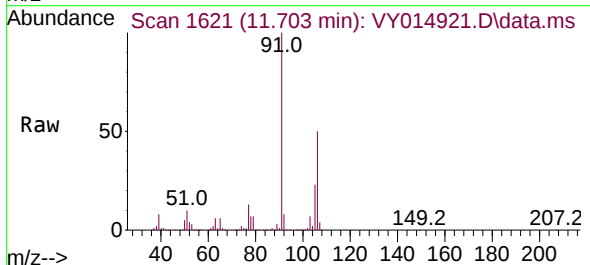
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

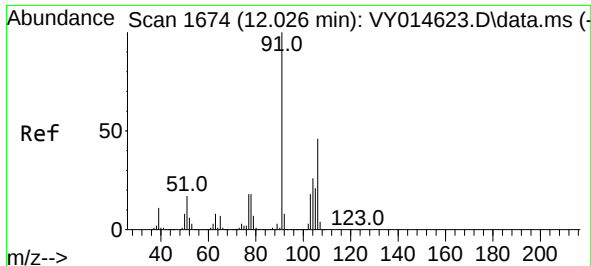
Tgt Ion: 91 Resp: 882080
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



#68
m/p-Xylenes
Concen: 104.086 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 106 Resp: 675589
Ion Ratio Lower Upper
106 100
91 201.2 166.1 249.1

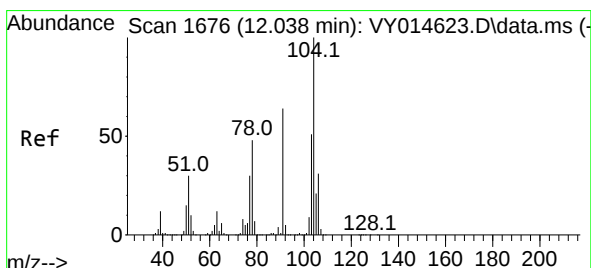
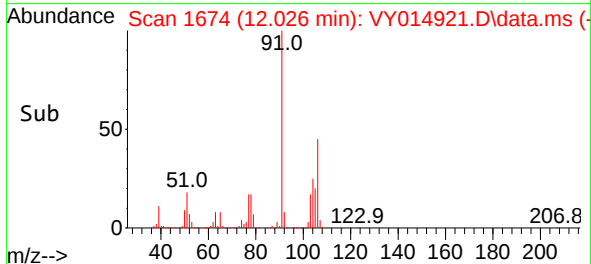
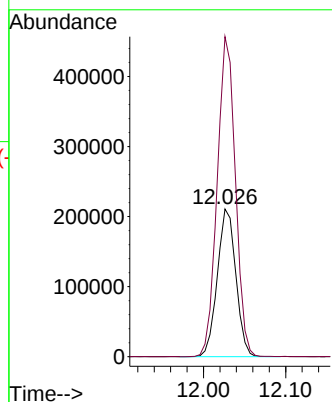
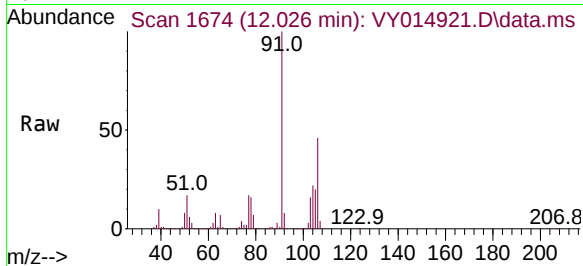




#69
o-Xylene
Concen: 52.279 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

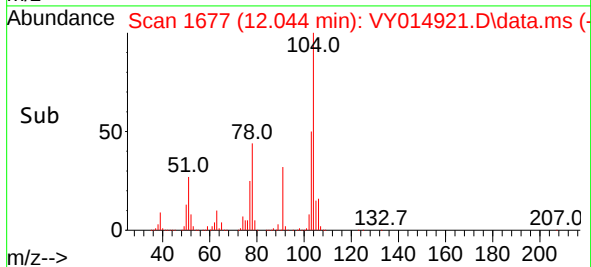
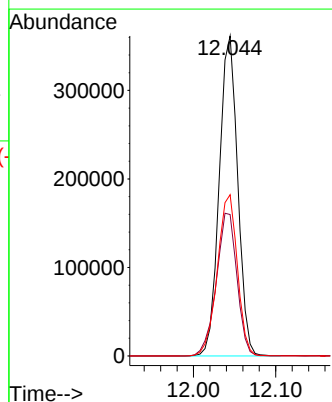
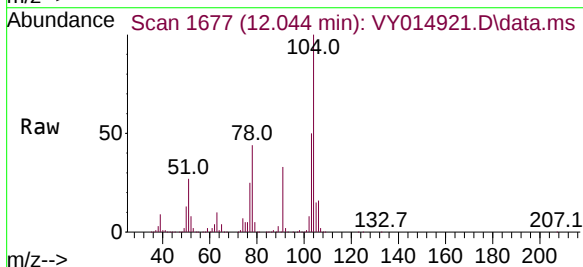
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

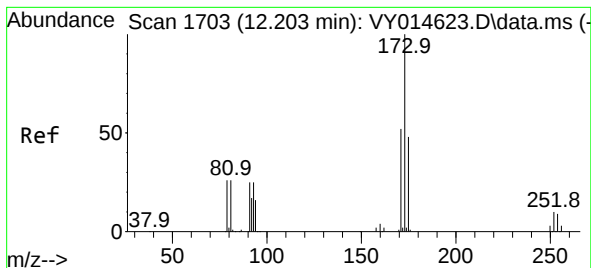
Tgt Ion:106 Resp: 330506
Ion Ratio Lower Upper
106 100
91 212.9 108.1 324.3



#70
Styrene
Concen: 52.933 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion:104 Resp: 564005
Ion Ratio Lower Upper
104 100
78 49.9 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 56.277 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

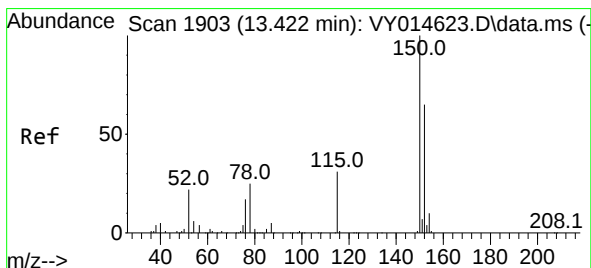
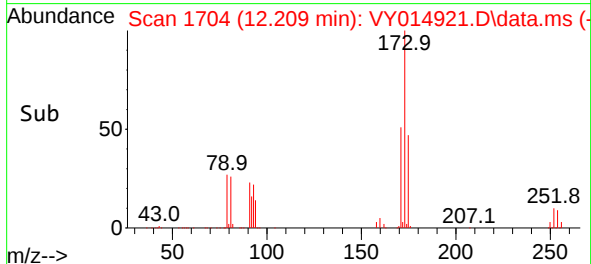
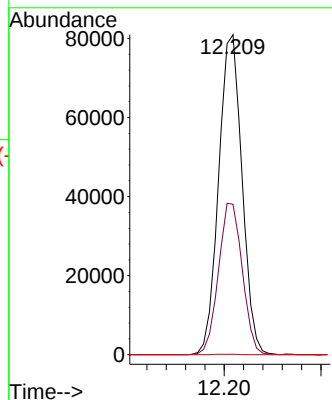
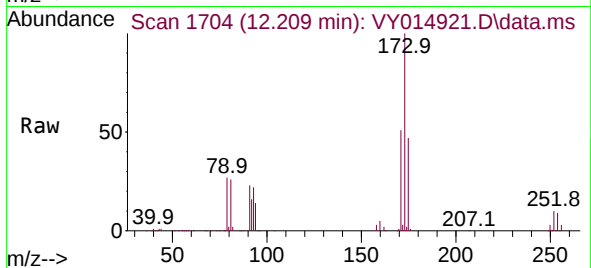
Tgt Ion:173 Resp: 135451

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

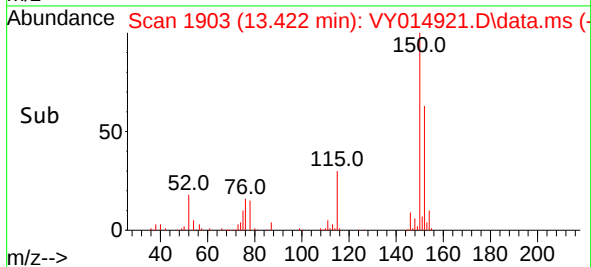
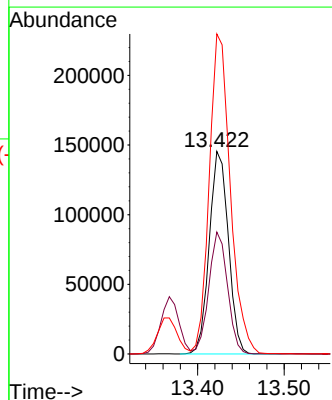
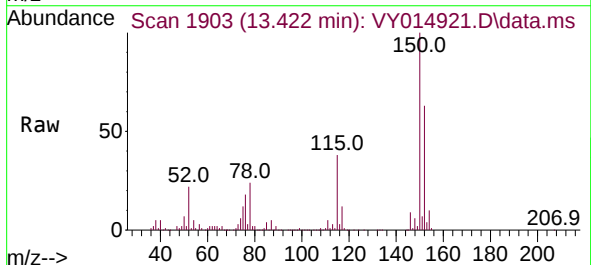
Tgt Ion:152 Resp: 223042

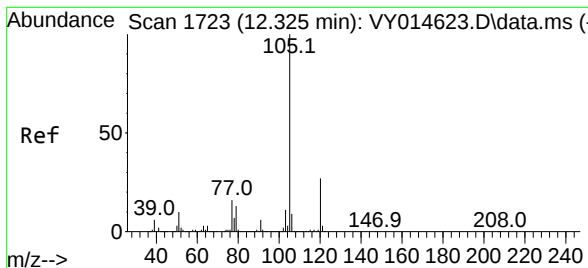
Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 174.2 0.0 348.8





#73

Isopropylbenzene

Concen: 49.968 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

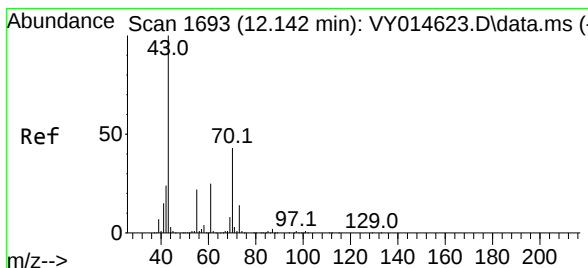
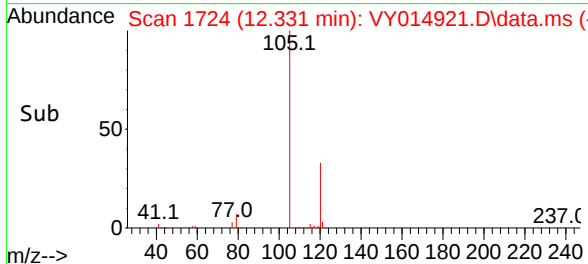
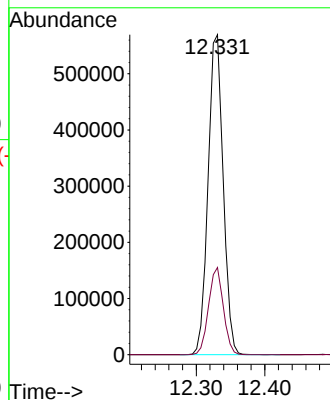
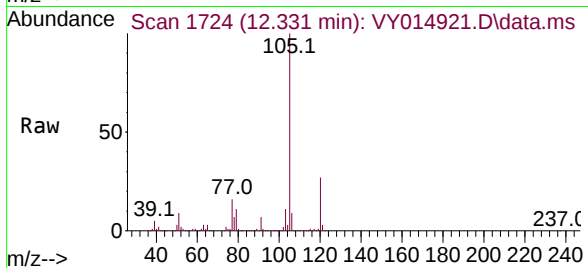
VSTDCCC050

Tgt Ion:105 Resp: 872661

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 51.078 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Tgt Ion: 43 Resp: 298761

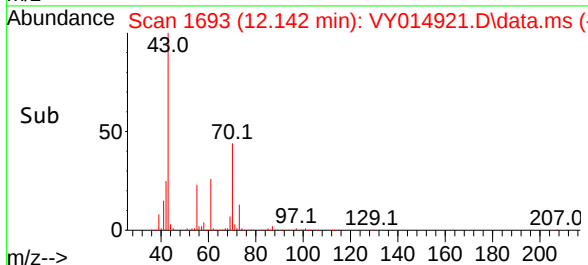
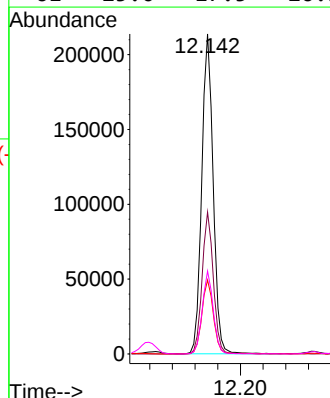
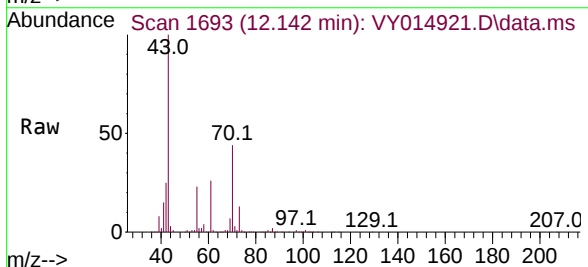
Ion Ratio Lower Upper

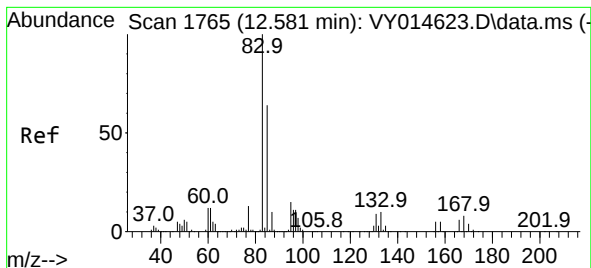
43 100

70 43.6 29.7 44.5

55 23.2 18.3 27.5

61 25.0 17.5 26.3

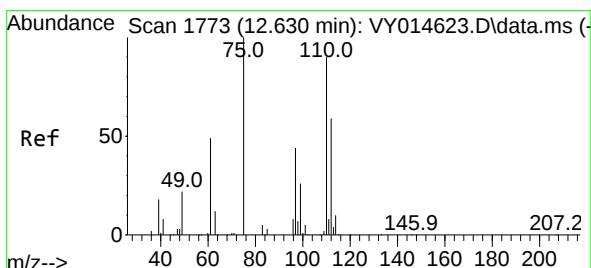
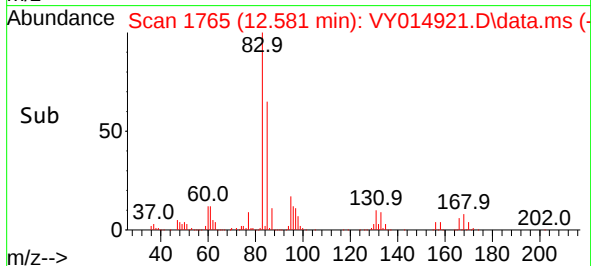
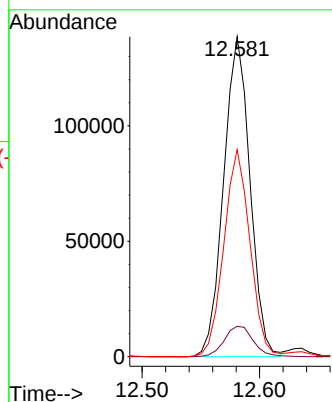
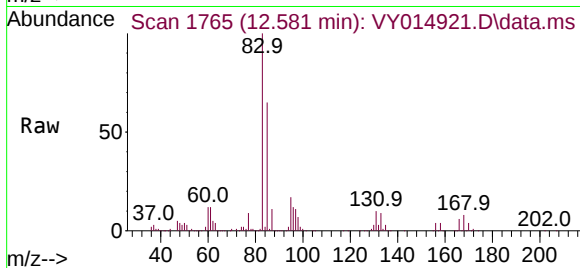




#75
1,1,2,2-Tetrachloroethane
Concen: 54.235 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

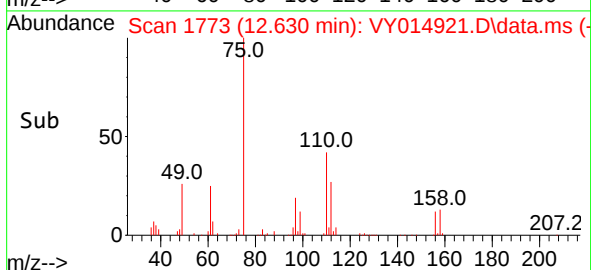
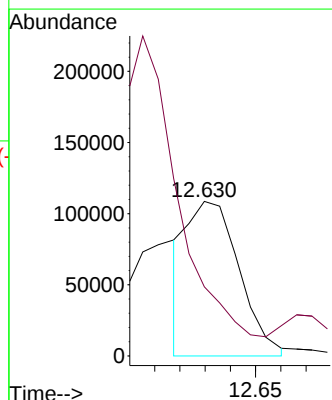
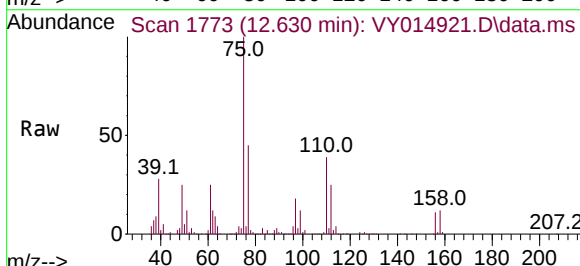
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

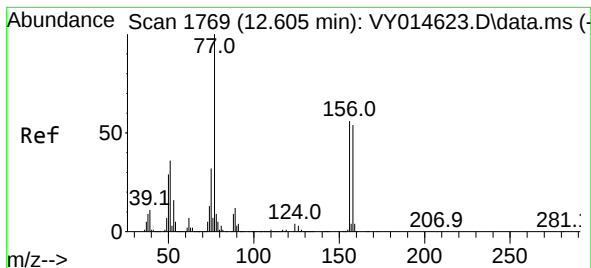
Tgt Ion: 83 Resp: 215997
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 56.065 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 75 Resp: 157932
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.598 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

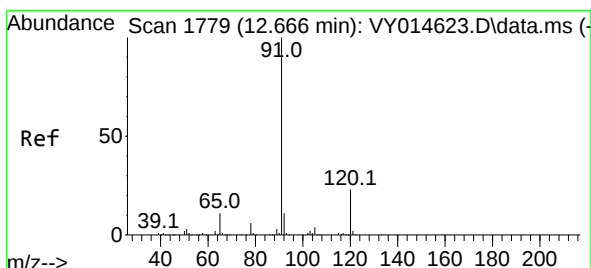
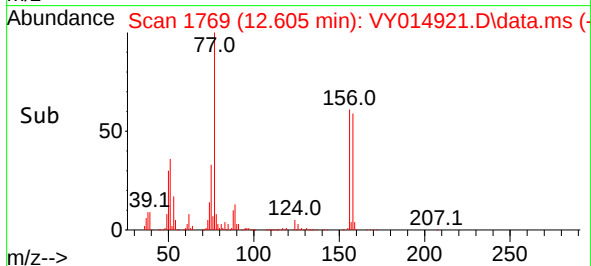
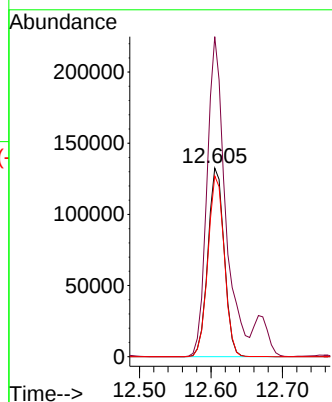
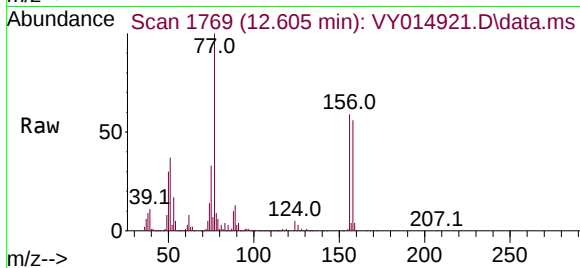
Tgt Ion:156 Resp: 209681

Ion Ratio Lower Upper

156 100

77 192.3 92.8 278.6

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 49.796 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014921.D

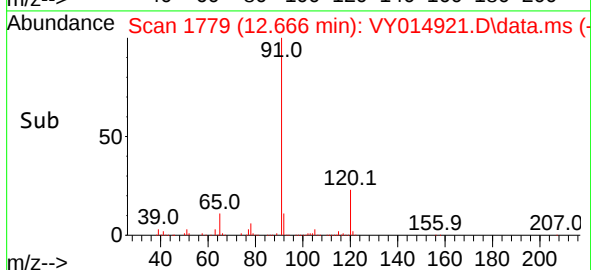
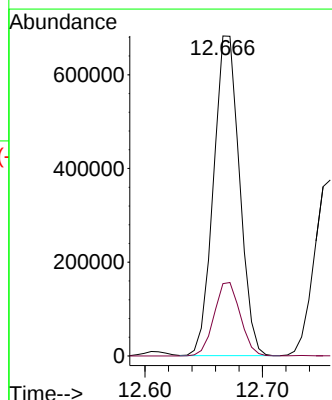
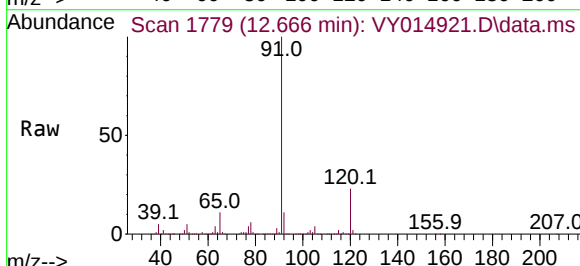
Acq: 01 Aug 2023 09:57

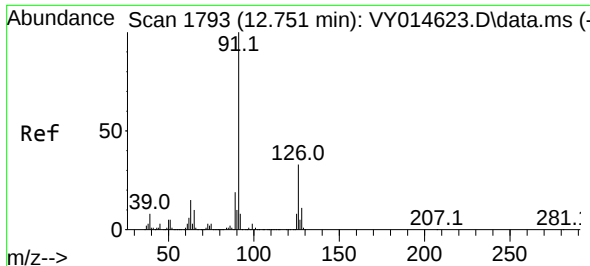
Tgt Ion: 91 Resp: 1047941

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

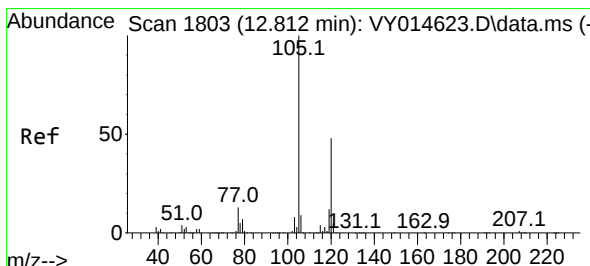
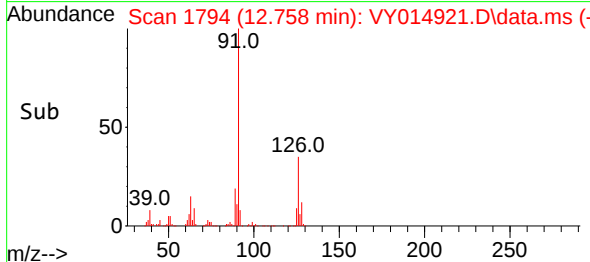
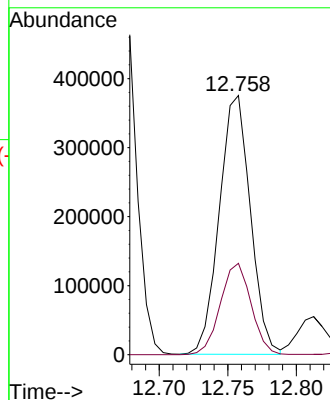
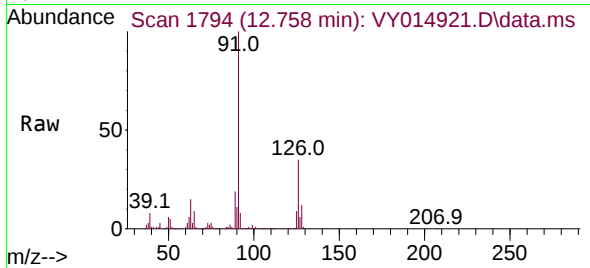




#79
2-Chlorotoluene
Concen: 48.885 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

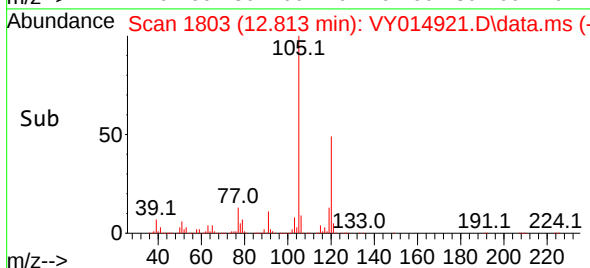
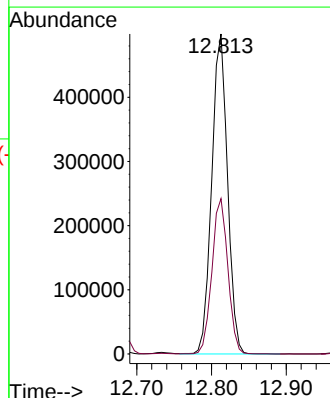
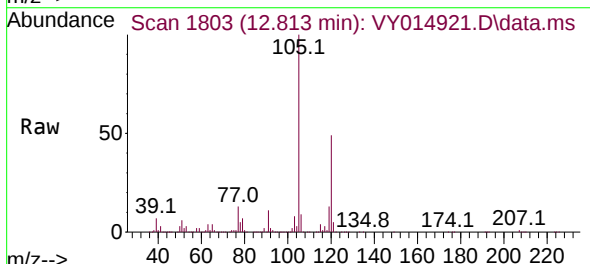
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

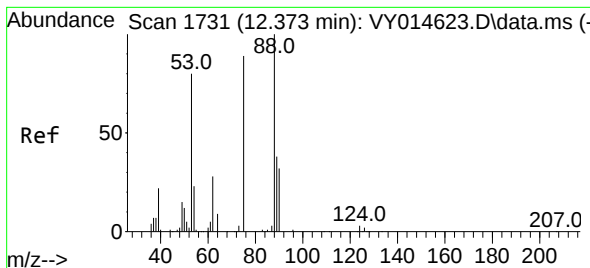
Tgt Ion: 91 Resp: 592552
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.070 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 105 Resp: 730275
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

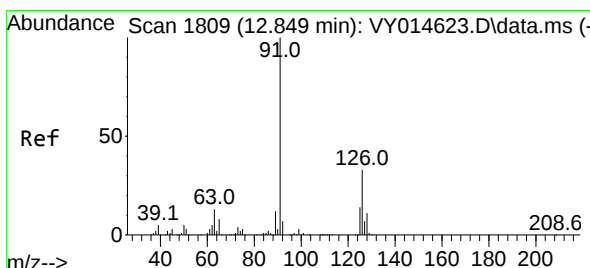
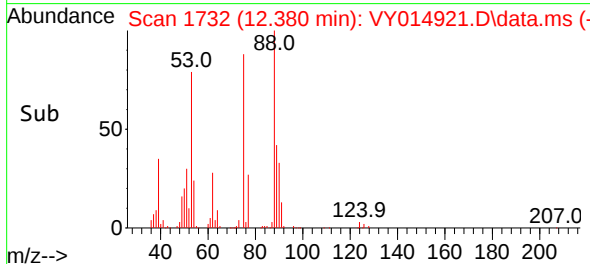
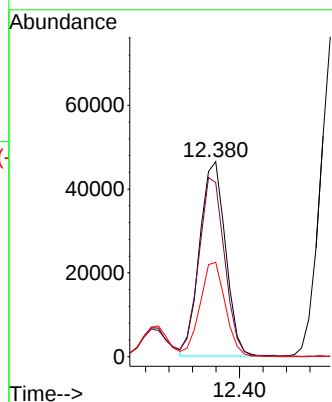
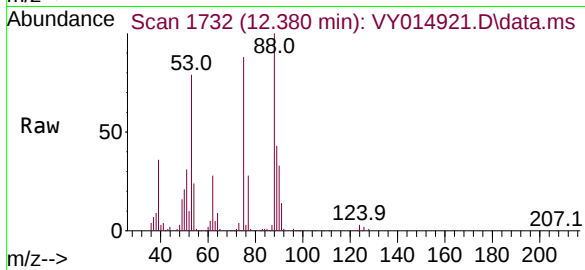




#81
trans-1,4-Dichloro-2-butene
Concen: 48.725 ug/l
RT: 12.380 min Scan# 1111
Delta R.T. 0.007 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

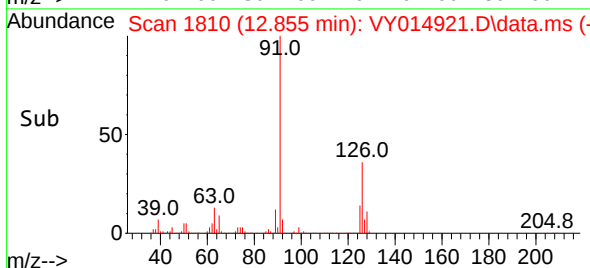
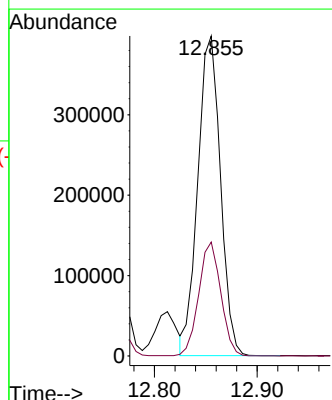
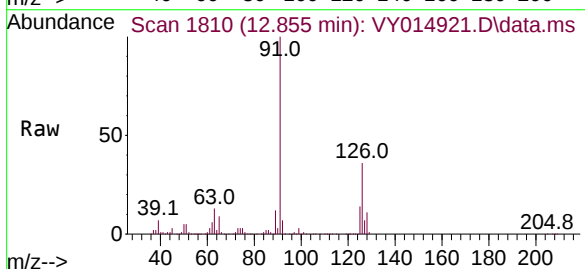
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

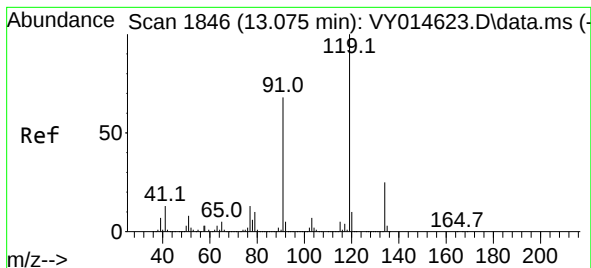
Tgt Ion: 75 Resp: 70890
Ion Ratio Lower Upper
75 100
53 92.2 77.8 116.8
89 47.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.880 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 91 Resp: 610209
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.561 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

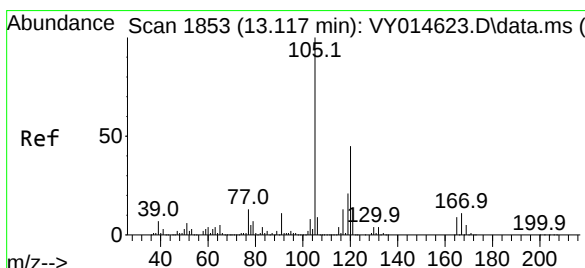
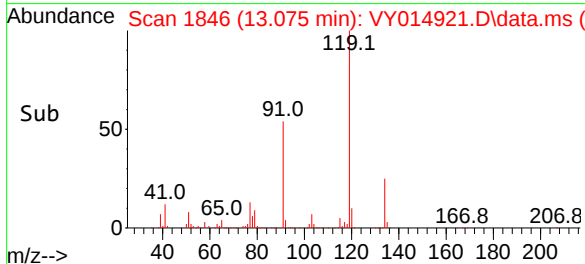
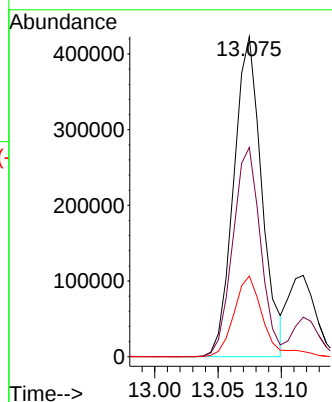
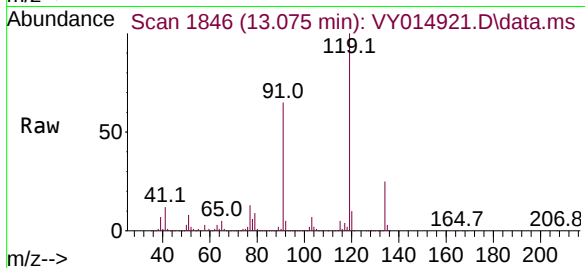
Tgt Ion:119 Resp: 654165

Ion Ratio Lower Upper

119 100

91 64.5 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.417 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014921.D

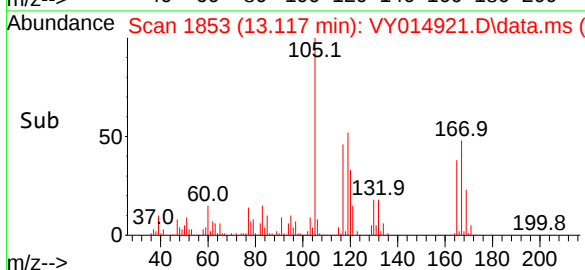
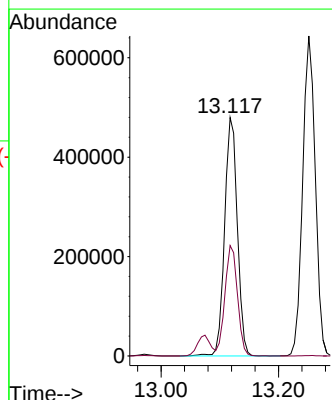
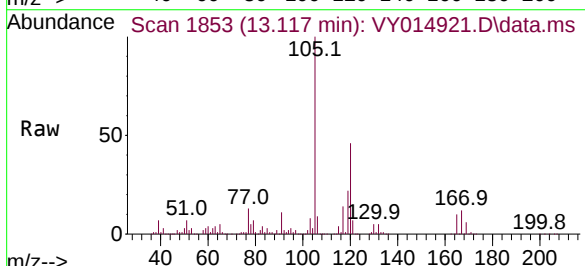
Acq: 01 Aug 2023 09:57

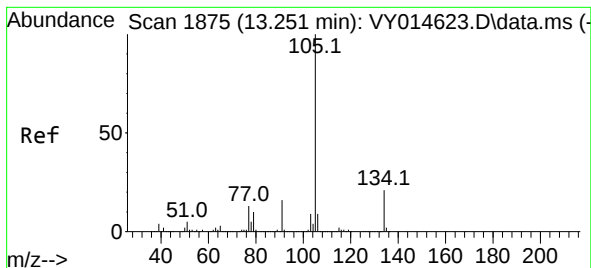
Tgt Ion:105 Resp: 721652

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.408 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

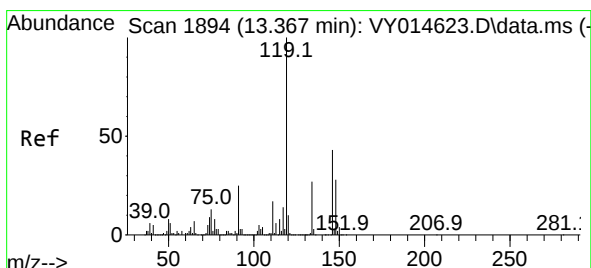
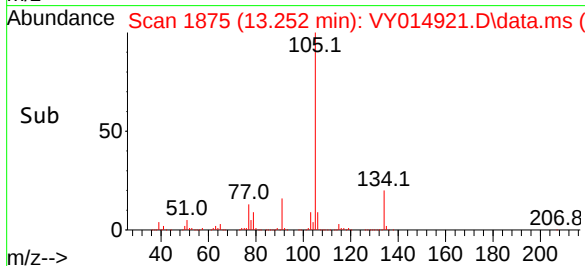
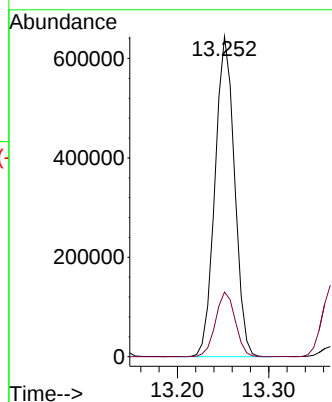
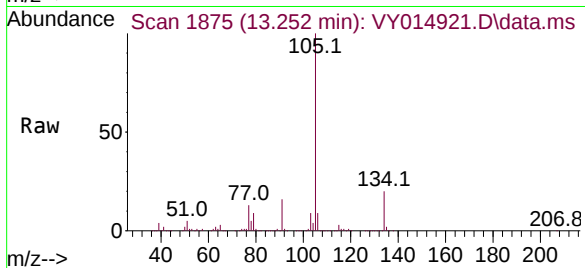
VSTDCCC050

Tgt Ion:105 Resp: 956703

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.372 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

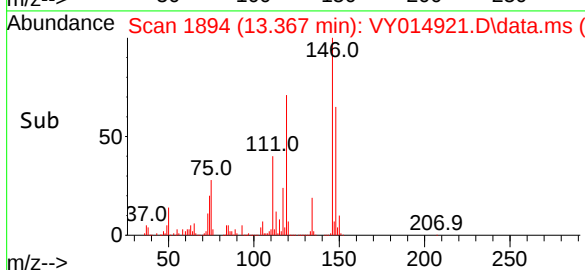
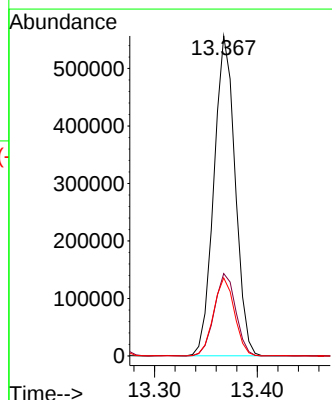
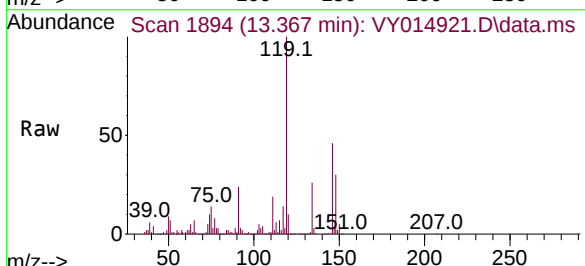
Tgt Ion:119 Resp: 796063

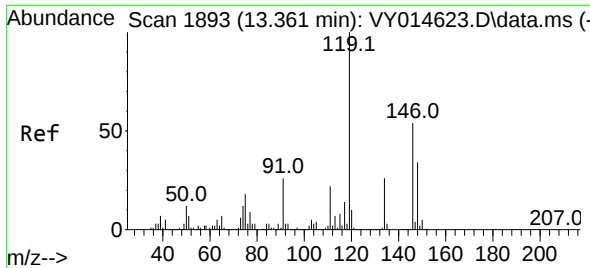
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 24.0 12.4 37.4

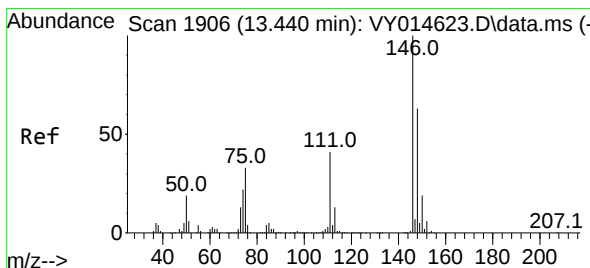
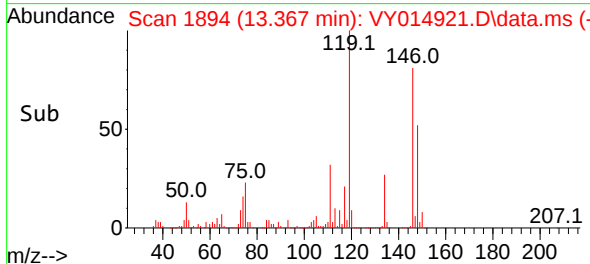
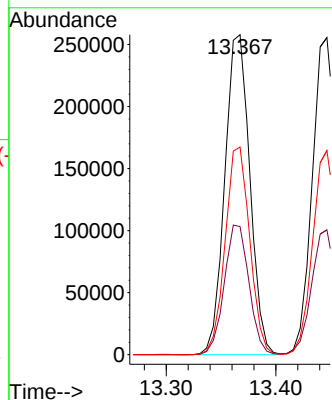
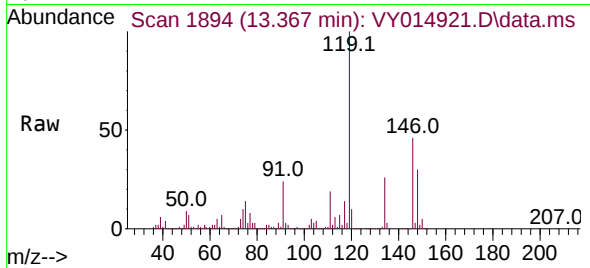




#87
1,3-Dichlorobenzene
Concen: 52.700 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

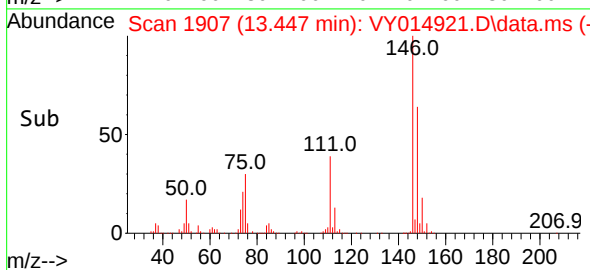
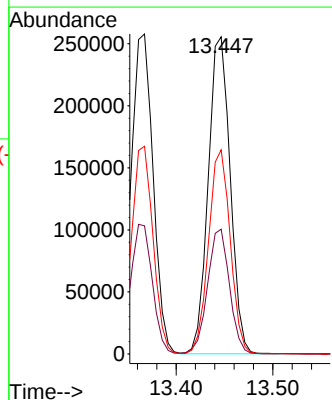
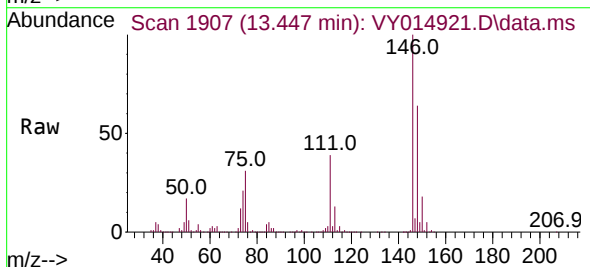
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

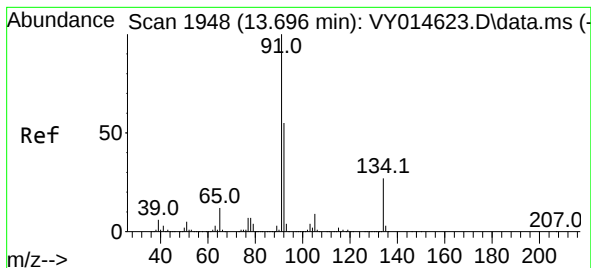
Tgt Ion:146 Resp: 408888
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.2
148 63.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 51.930 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VY014921.D
Acq: 01 Aug 2023 09:57

Tgt Ion:146 Resp: 403753
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.7
148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 49.168 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

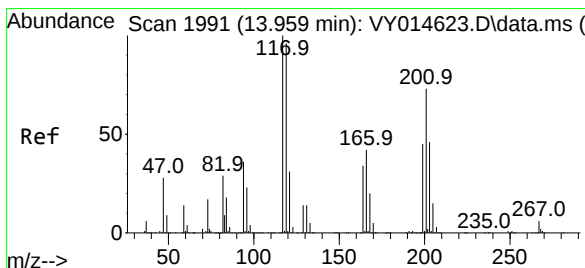
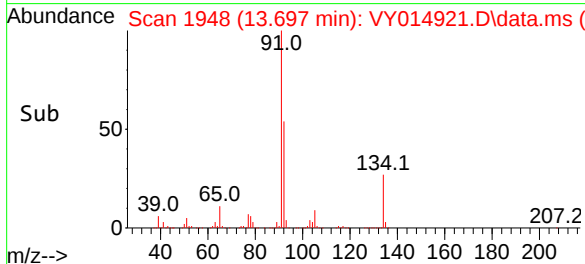
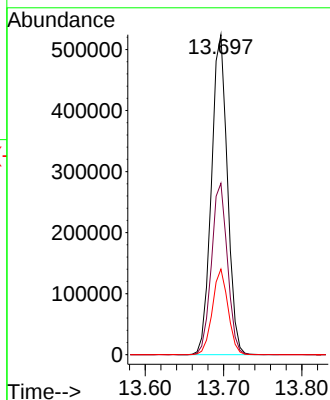
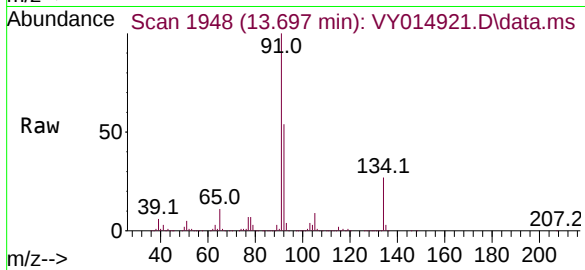
Tgt Ion: 91 Resp: 741265

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 50.033 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014921.D

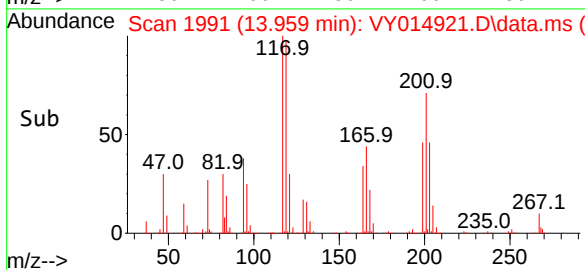
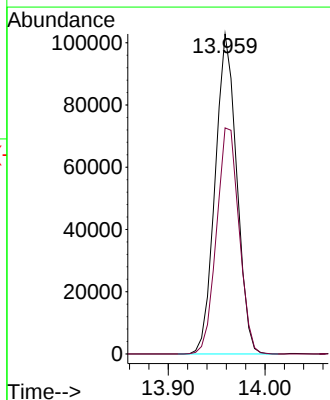
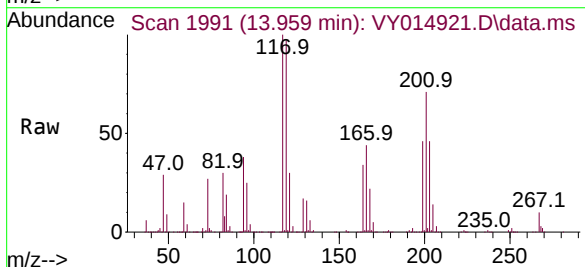
Acq: 01 Aug 2023 09:57

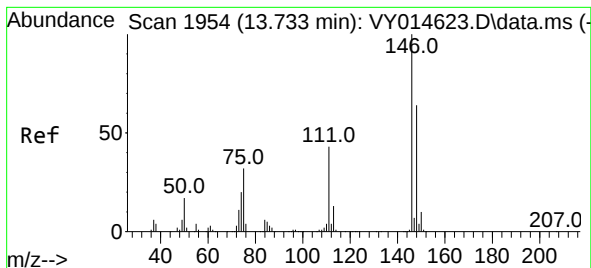
Tgt Ion: 117 Resp: 159250

Ion Ratio Lower Upper

117 100

201 73.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 53.118 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

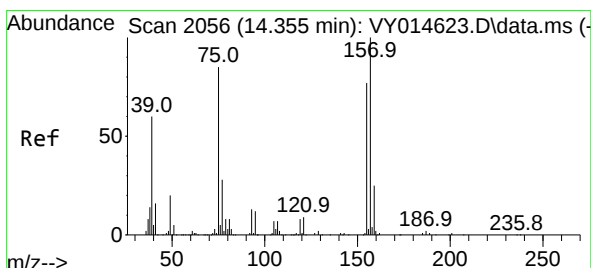
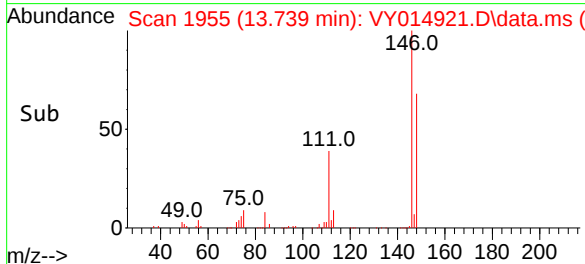
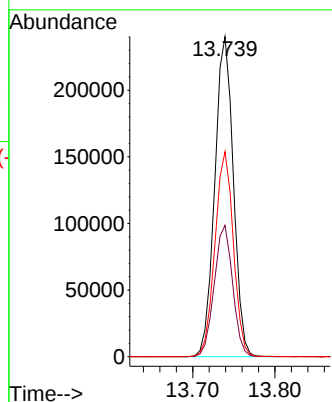
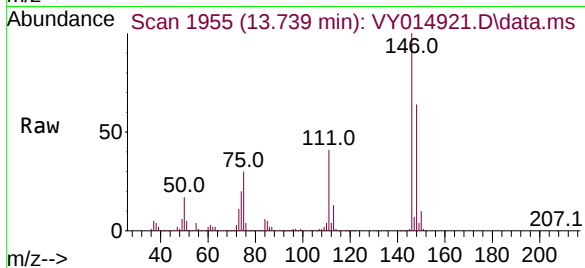
Tgt Ion:146 Resp: 377590

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.522 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

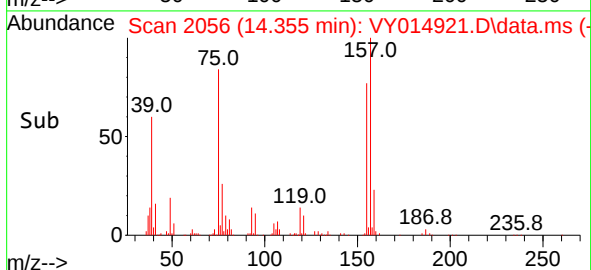
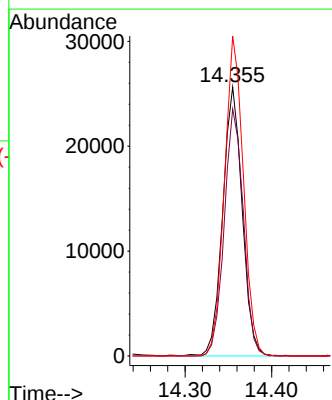
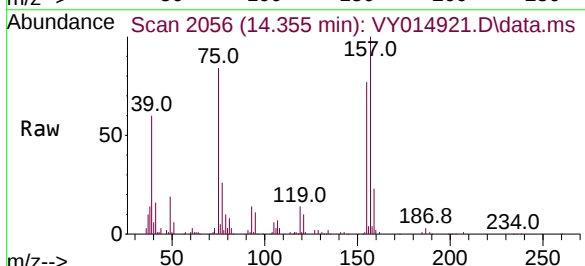
Tgt Ion: 75 Resp: 40003

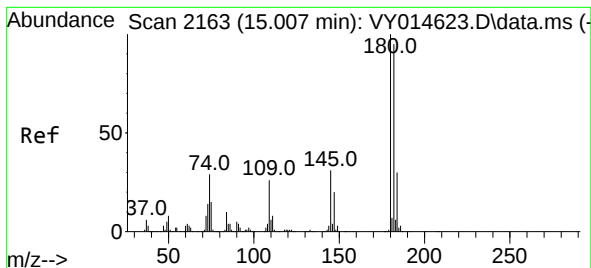
Ion Ratio Lower Upper

75 100

155 90.1 41.5 124.6

157 116.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.867 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

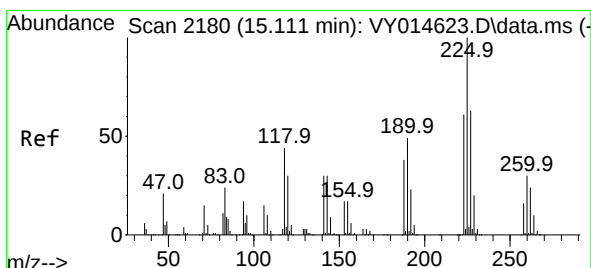
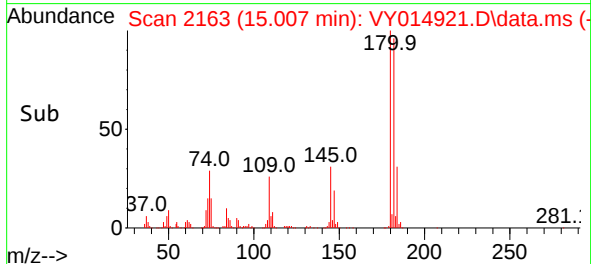
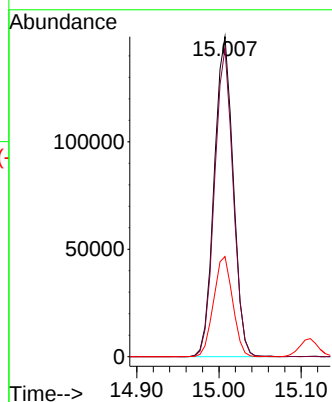
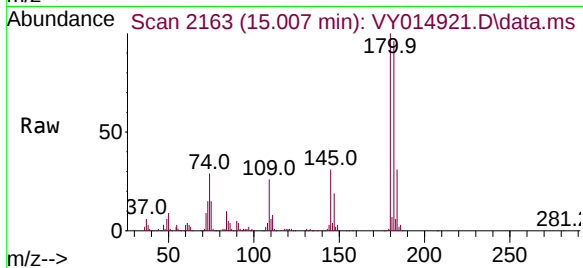
Tgt Ion:180 Resp: 238562

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 31.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.629 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

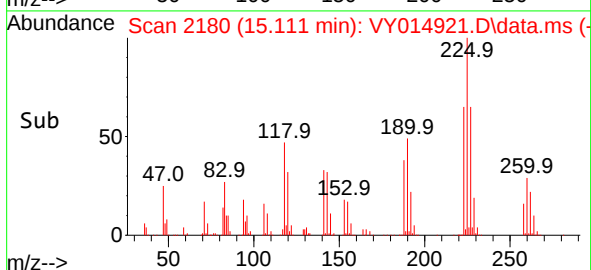
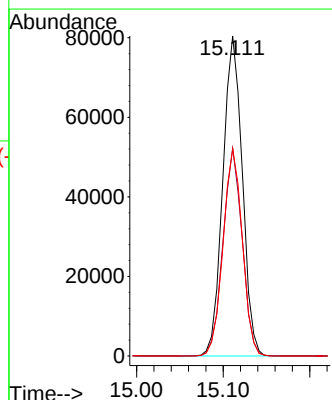
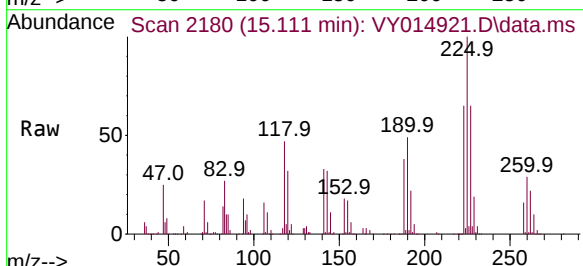
Tgt Ion:225 Resp: 125546

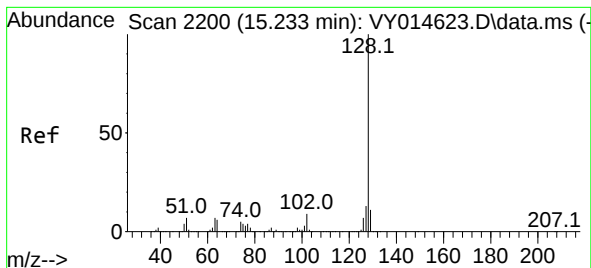
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 64.0 33.0 98.9





#95

Naphthalene

Concen: 55.216 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

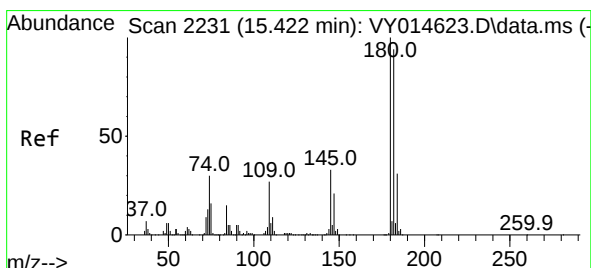
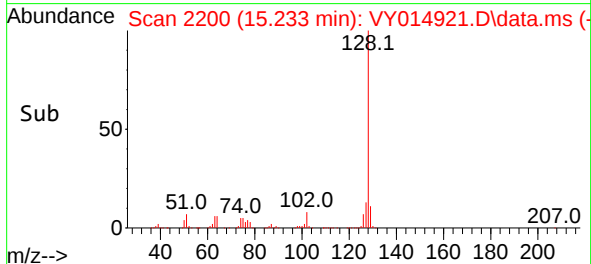
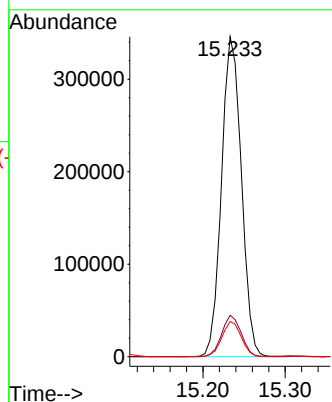
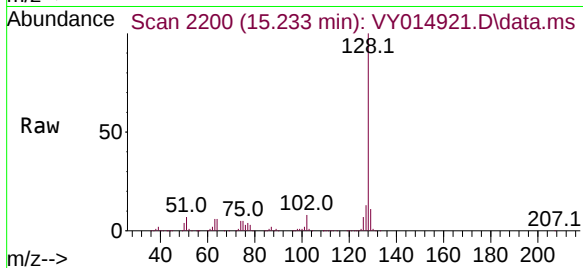
Tgt Ion:128 Resp: 580479

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.479 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014921.D

Acq: 01 Aug 2023 09:57

Tgt Ion:180 Resp: 214472

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 33.0 15.4 46.2

