

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013770.D
 Acq On : 17 May 2023 11:22
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: May 18 06:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	263219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	413969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	153557	50.219	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.440%	
35) Dibromofluoromethane	7.722	113	135248	50.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.900%	
50) Toluene-d8	10.179	98	510209	50.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	12.483	95	172358	51.561	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	92600	48.998	ug/l	100
3) Chloromethane	2.119	50	137009	47.819	ug/l	100
4) Vinyl Chloride	2.259	62	139227	48.664	ug/l	100
5) Bromomethane	2.662	94	111556	43.972	ug/l	100
6) Chloroethane	2.802	64	92731	47.155	ug/l	100
7) Trichlorofluoromethane	3.137	101	203955	48.982	ug/l	100
8) Diethyl Ether	3.533	74	70554	50.638	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.918	101	117341	48.151	ug/l	100
10) Methyl Iodide	4.100	142	140221	52.373	ug/l	100
11) Tert butyl alcohol	4.991	59	61871	249.772	ug/l	100
12) 1,1-Dichloroethene	3.881	96	109446	49.548	ug/l	100
13) Acrolein	3.741	56	110510	249.730	ug/l	100
14) Allyl chloride	4.491	41	220595	50.697	ug/l	100
15) Acrylonitrile	5.173	53	207279	253.681	ug/l	100
16) Acetone	3.960	43	236725	256.604	ug/l	100
17) Carbon Disulfide	4.204	76	305301	48.100	ug/l	100
18) Methyl Acetate	4.491	43	160439	49.884	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	350598	52.316	ug/l	100
20) Methylene Chloride	4.728	84	143448	51.798	ug/l	100
21) trans-1,2-Dichloroethene	5.228	96	124500	50.056	ug/l	100
22) Diisopropyl ether	6.124	45	481738	52.048	ug/l	100
23) Vinyl Acetate	6.070	43	1421547	265.415	ug/l	100
24) 1,1-Dichloroethane	6.027	63	252033	49.812	ug/l	100
25) 2-Butanone	6.990	43	311394	259.659	ug/l	100
26) 2,2-Dichloropropane	6.984	77	216956	50.199	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	149656	51.064	ug/l	100
28) Bromochloromethane	7.344	49	83950	47.420	ug/l	100
29) Tetrahydrofuran	7.356	42	188501	262.697	ug/l	100
30) Chloroform	7.514	83	254870	49.988	ug/l	100
31) Cyclohexane	7.789	56	205734	46.928	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	217437	49.960	ug/l	100
36) 1,1-Dichloropropene	7.923	75	184058	50.181	ug/l	100
37) Ethyl Acetate	7.082	43	129579	51.359	ug/l	100
38) Carbon Tetrachloride	7.905	117	192682	49.797	ug/l	100
39) Methylcyclohexane	9.185	83	208665	50.053	ug/l	100
40) Benzene	8.161	78	533196	50.024	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	56097	46.090	ug/l	100
42) 1,2-Dichloroethane	8.240	62	174755	50.743	ug/l	100
43) Isopropyl Acetate	8.277	43	238564	52.096	ug/l	100
44) Trichloroethene	8.941	130	138505	49.708	ug/l	100
45) 1,2-Dichloropropane	9.215	63	148600	50.735	ug/l	100
46) Dibromomethane	9.307	93	84032	51.227	ug/l	100
47) Bromodichloromethane	9.496	83	200185	51.531	ug/l	100
48) Methyl methacrylate	9.295	41	111286	52.904	ug/l	100
49) 1,4-Dioxane	9.313	88	21668	1076.264	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	681217	267.134	ug/l	100
52) Toluene	10.246	92	332968	51.529	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	205976	51.425	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	227218	50.843	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	114203	51.188	ug/l	100
56) Ethyl methacrylate	10.508	69	163472	54.904	ug/l	100
57) 1,3-Dichloropropane	10.788	76	196032	51.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	253711	235.201	ug/l	100
59) 2-Hexanone	10.831	43	490002	270.323	ug/l	100
60) Dibromochloromethane	10.989	129	139249	51.509	ug/l	100
61) 1,2-Dibromoethane	11.087	107	108560	51.601	ug/l	100
64) Tetrachloroethene	10.721	164	115848	48.955	ug/l	100
65) Chlorobenzene	11.514	112	351695	49.810	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	138451	50.465	ug/l	100
67) Ethyl Benzene	11.593	91	640507	51.050	ug/l	100
68) m/p-Xylenes	11.703	106	483953	102.983	ug/l	100
69) o-Xylene	12.032	106	231336	51.749	ug/l	100
70) Styrene	12.044	104	394828	52.002	ug/l	100
71) Bromoform	12.209	173	93580	51.631	ug/l	100
73) Isopropylbenzene	12.331	105	621139	51.629	ug/l	100
74) N-amyl acetate	12.142	43	217260	53.214	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	147075	51.605	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	188169	87.703	ug/l #	100
77) Bromobenzene	12.611	156	146870	50.607	ug/l	100
78) n-propylbenzene	12.672	91	770201	51.970	ug/l	100
79) 2-Chlorotoluene	12.757	91	427338	51.092	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	509097	51.895	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	50956	52.747	ug/l	100
82) 4-Chlorotoluene	12.855	91	444086	50.970	ug/l	100
83) tert-Butylbenzene	13.074	119	440076	51.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	498815	51.879	ug/l	100
85) sec-Butylbenzene	13.251	105	663014	51.437	ug/l	100
86) p-Isopropyltoluene	13.367	119	536966	51.589	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	284302	50.320	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	283810	49.957	ug/l	100
89) n-Butylbenzene	13.696	91	521575	51.112	ug/l	100
90) Hexachloroethane	13.958	117	109079	49.593	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	256847	51.052	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23752	51.434	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	147384	49.365	ug/l	100
94) Hexachlorobutadiene	15.111	225	89039	48.008	ug/l	100
95) Naphthalene	15.239	128	302675	51.079	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	131508	48.957	ug/l	100

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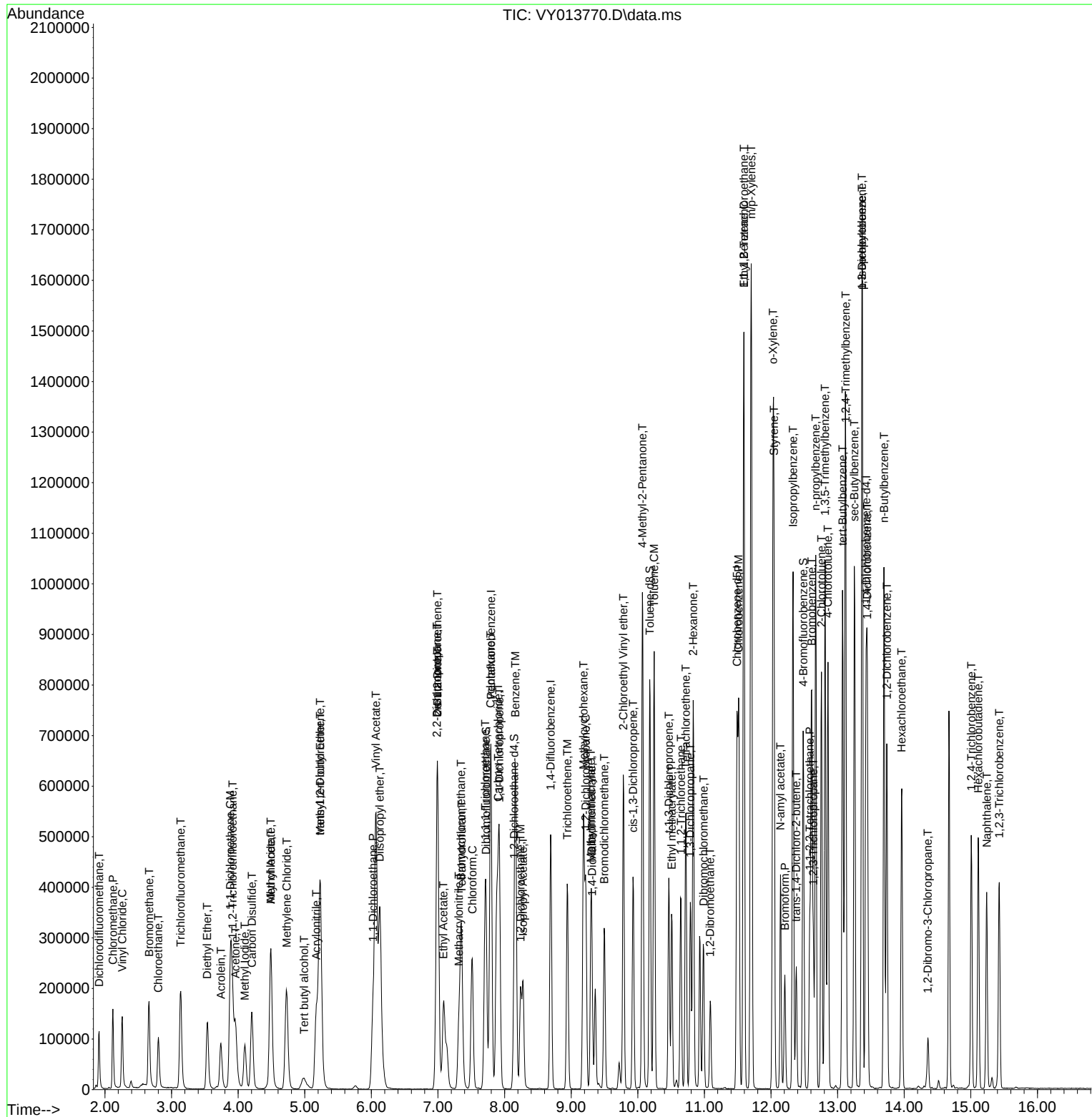
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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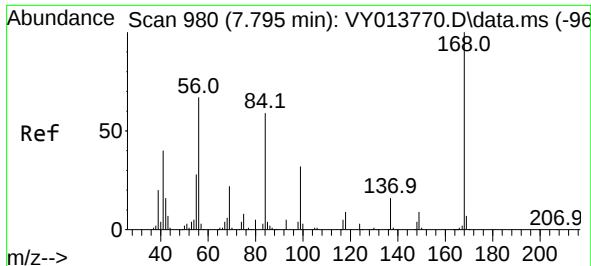
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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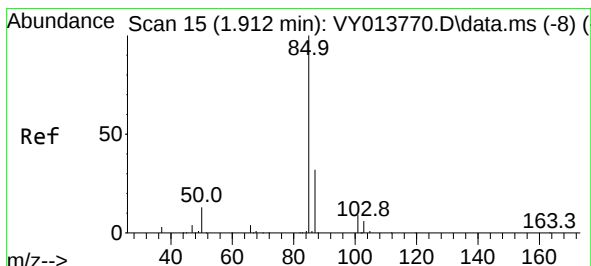
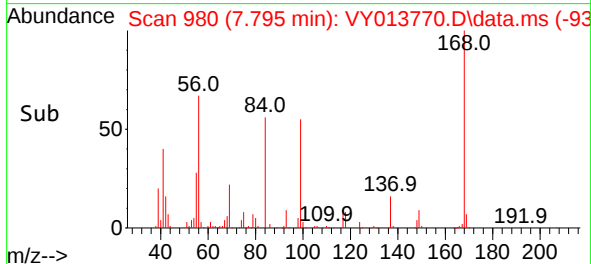
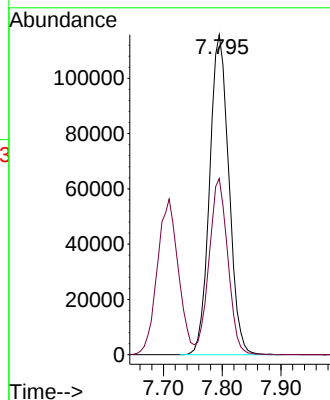
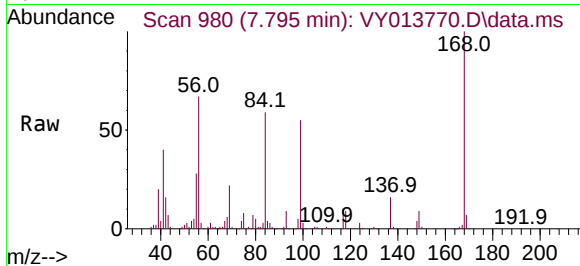




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
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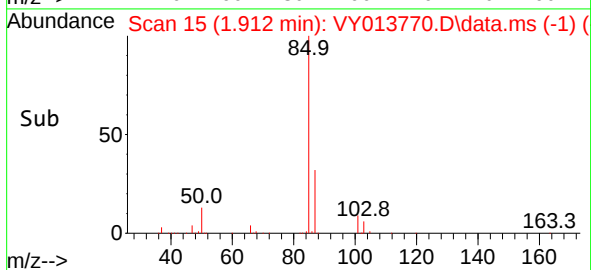
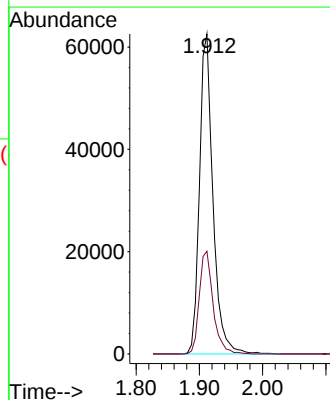
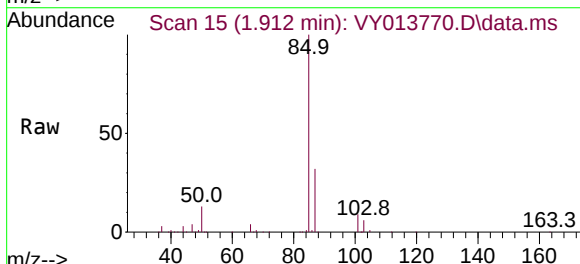
Instrument :
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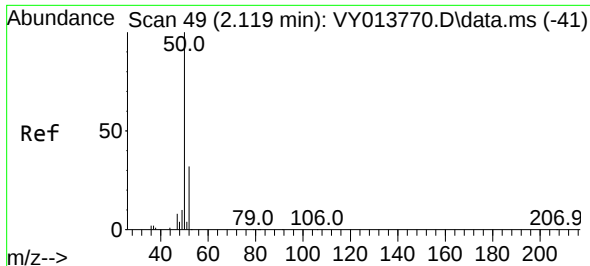
Tgt Ion:168 Resp: 263219
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 48.998 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 85 Resp: 92600
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

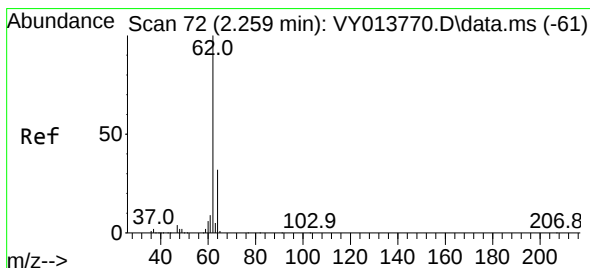
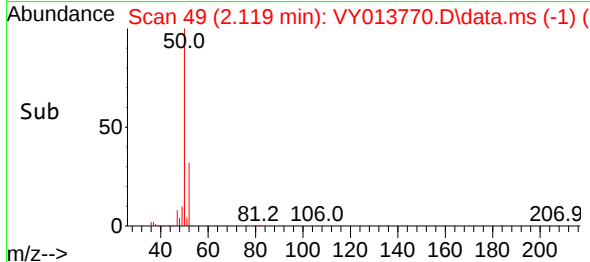
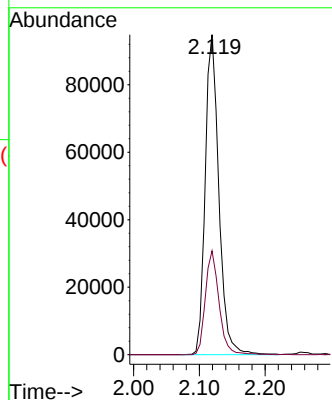
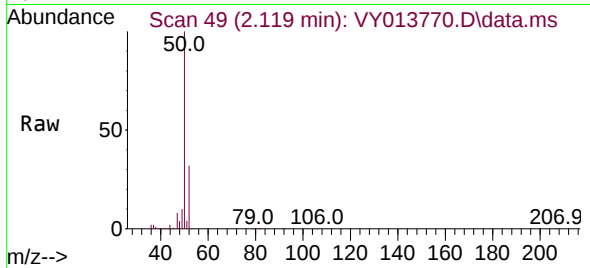




#3
Chloromethane
Concen: 47.819 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

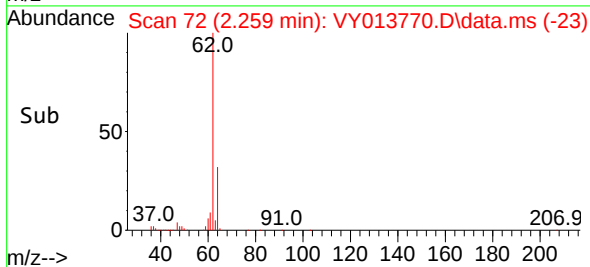
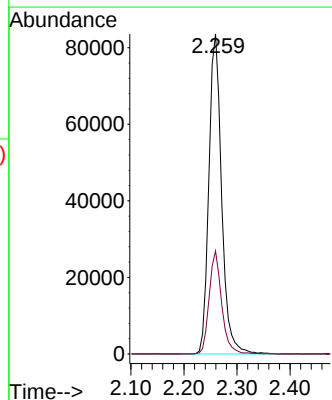
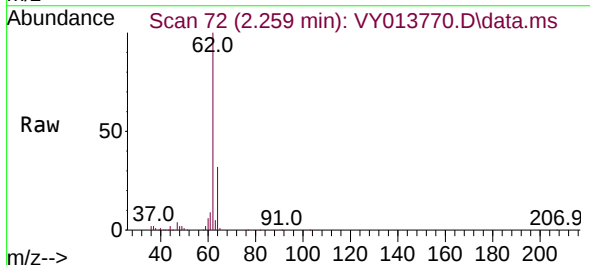
Instrument :
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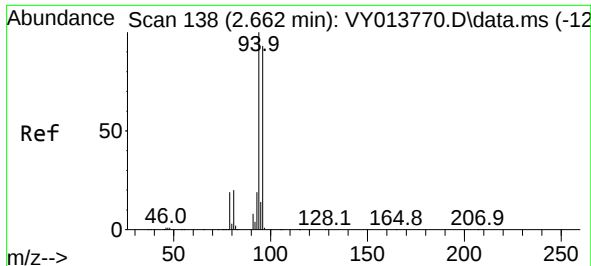
Tgt Ion: 50 Resp: 137009
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 48.664 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 62 Resp: 139227
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6

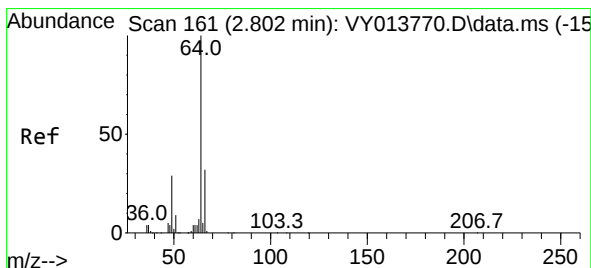
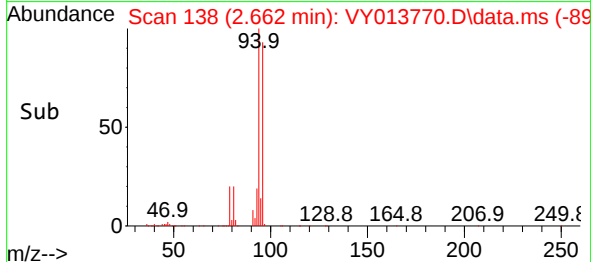
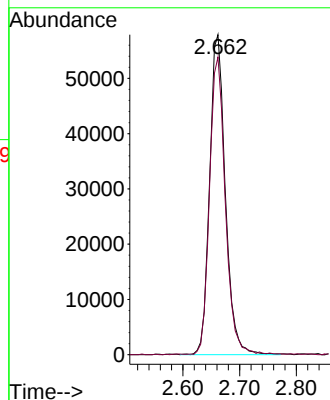
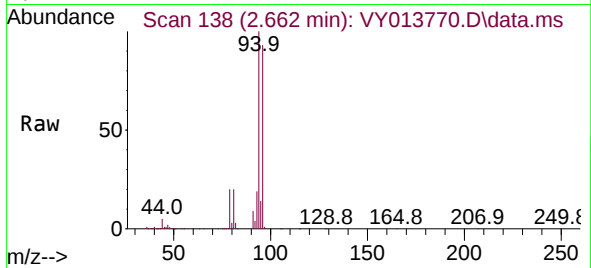




#5
Bromomethane
Concen: 43.972 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013770.D
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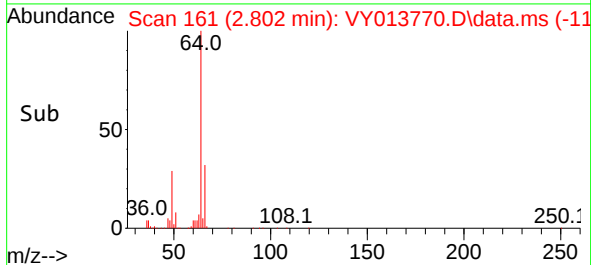
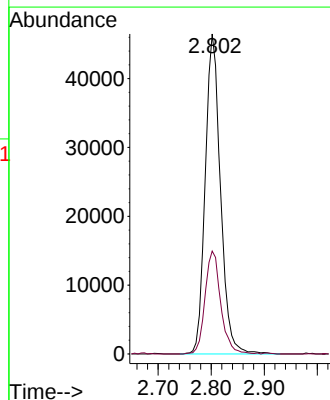
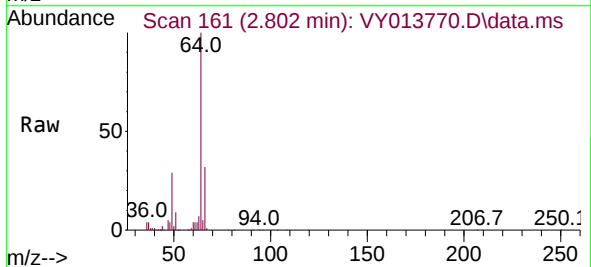
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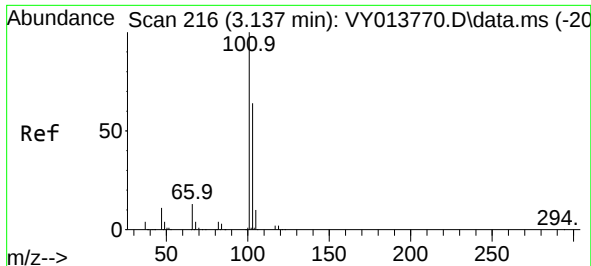
Tgt Ion: 94 Resp: 111556
Ion Ratio Lower Upper
94 100
96 92.8 74.2 111.4



#6
Chloroethane
Concen: 47.155 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 92731
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6

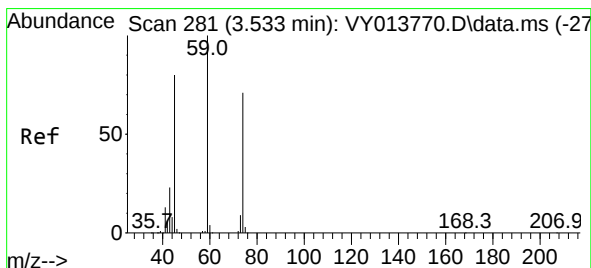
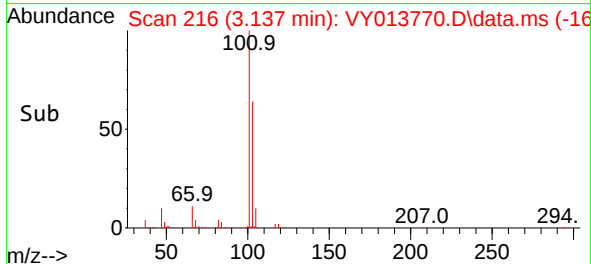
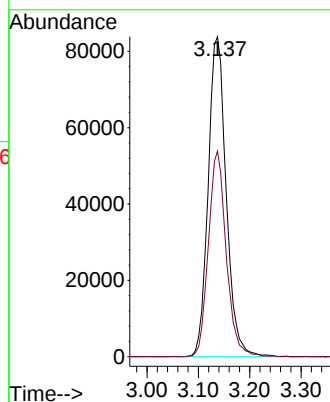
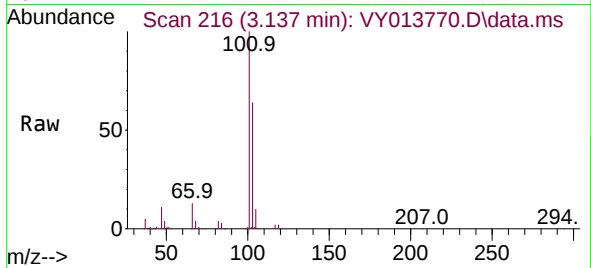




#7
 Trichlorofluoromethane
 Concen: 48.982 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY013770.D
 Acq: 17 May 2023 11:22

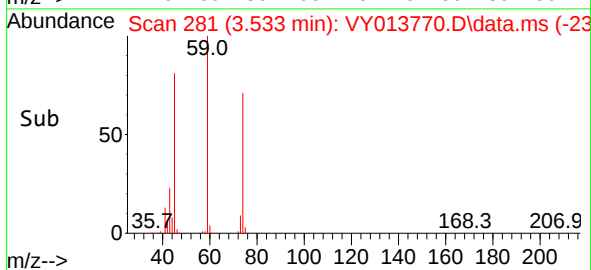
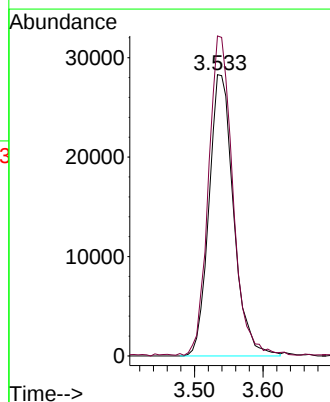
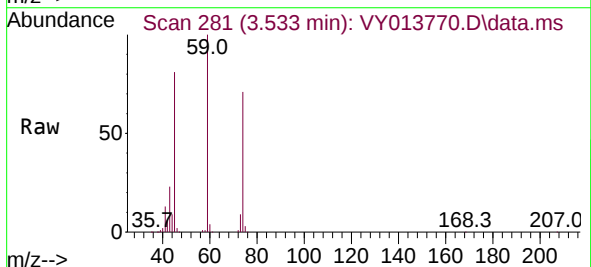
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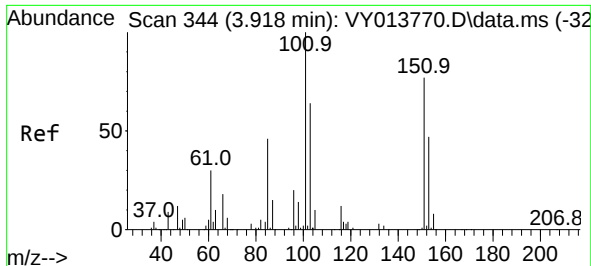
Tgt Ion:101 Resp: 203955
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.638 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 70554
 Ion Ratio Lower Upper
 74 100
 45 112.2 56.1 168.3



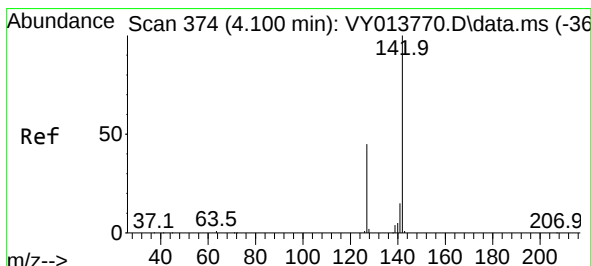
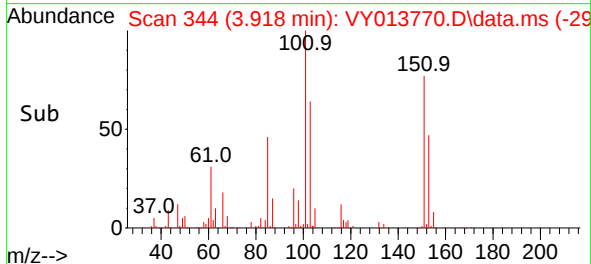
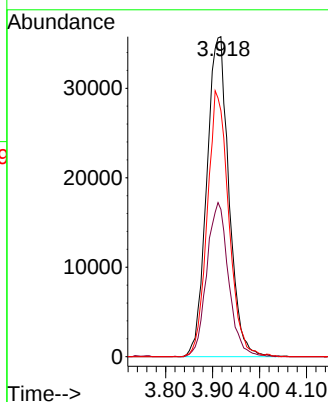
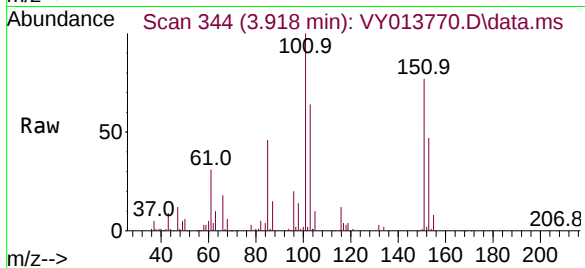


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.151 ug/l
 RT: 3.918 min Scan# 344
 Delta R.T. 0.000 min
 Lab File: VY013770.D
 Acq: 17 May 2023 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 117341

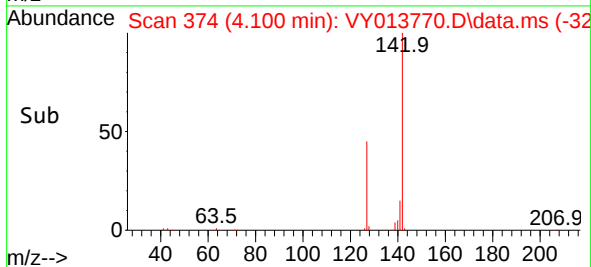
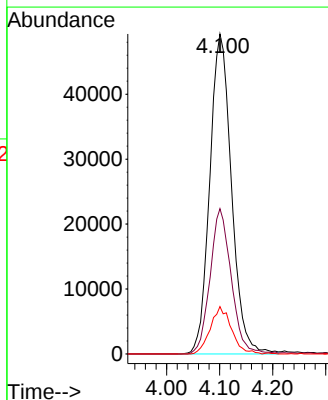
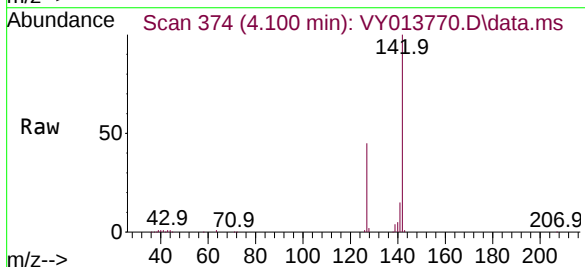
Ion	Ratio	Lower	Upper
101	100		
85	47.3	37.8	56.8
151	80.2	64.2	96.2

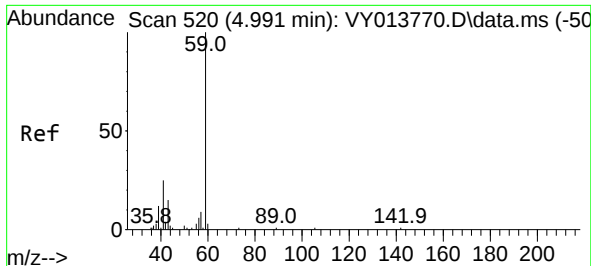


#10
 Methyl Iodide
 Concen: 52.373 ug/l
 RT: 4.100 min Scan# 374
 Delta R.T. 0.000 min
 Lab File: VY013770.D
 Acq: 17 May 2023 11:22

Tgt Ion:142 Resp: 140221

Ion	Ratio	Lower	Upper
142	100		
127	44.3	35.4	53.2
141	14.4	11.5	17.3





#11

Tert butyl alcohol

Concen: 249.772 ug/l

RT: 4.991 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

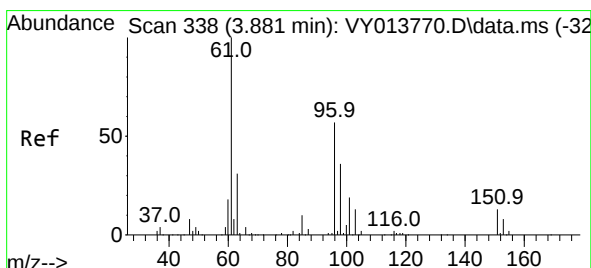
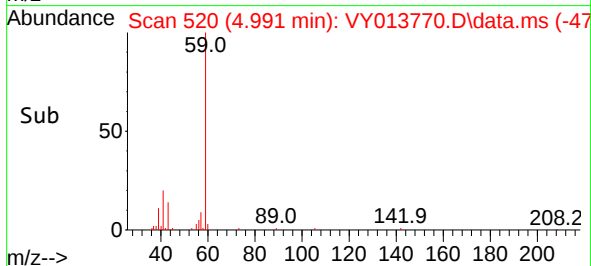
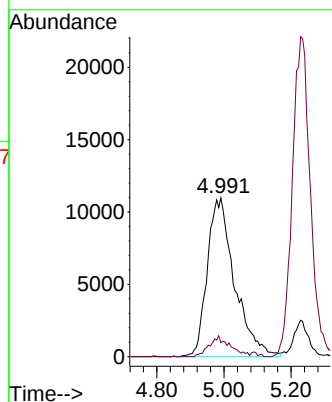
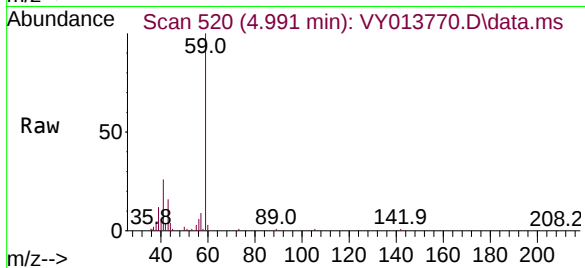
VSTDICCC050

Tgt Ion: 59 Resp: 61871

Ion Ratio Lower Upper

59 100

57 10.0 8.0 12.0



#12

1,1-Dichloroethene

Concen: 49.548 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

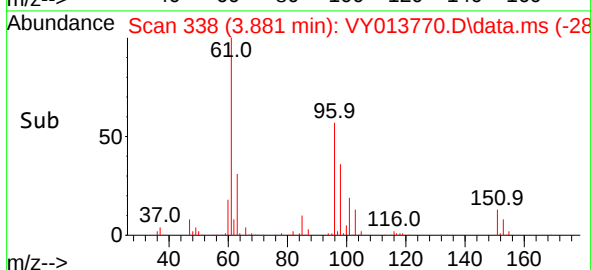
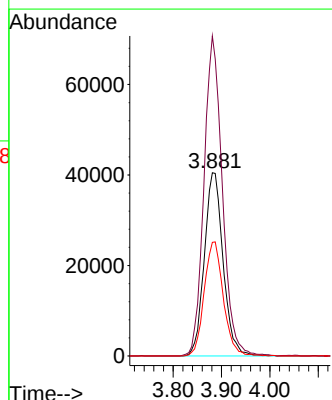
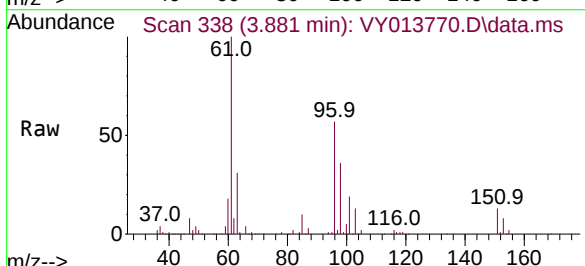
Tgt Ion: 96 Resp: 109446

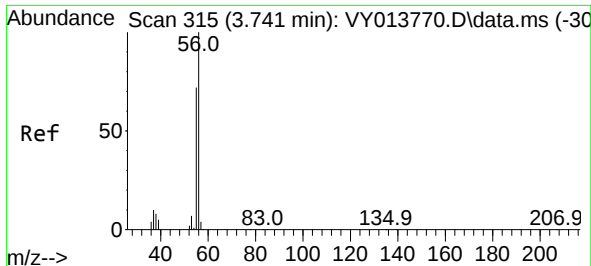
Ion Ratio Lower Upper

96 100

61 174.7 139.8 209.6

98 62.1 49.7 74.5

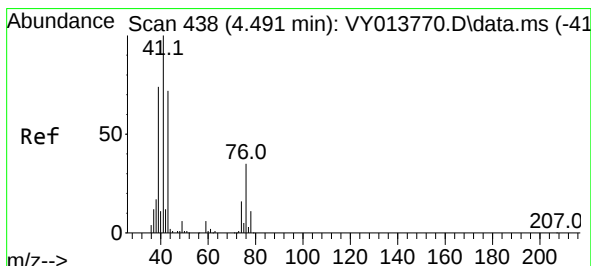
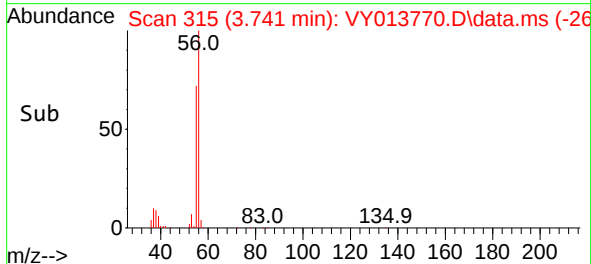
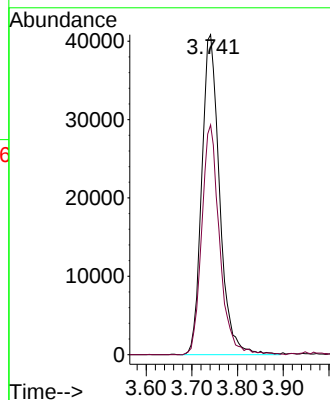
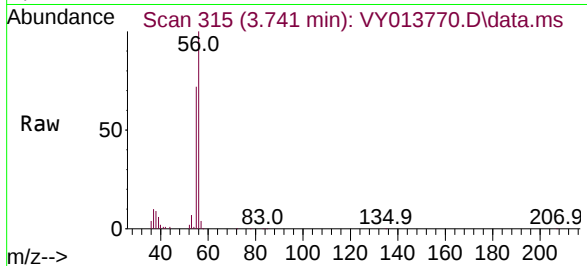




#13
Acrolein
Concen: 249.730 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

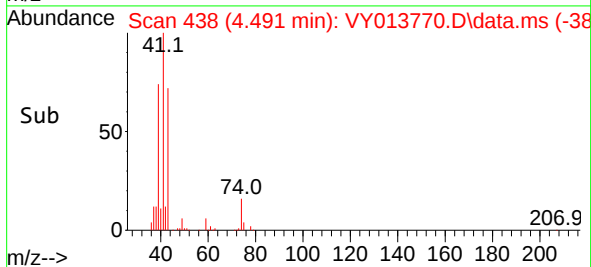
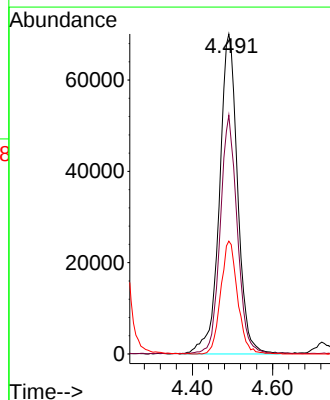
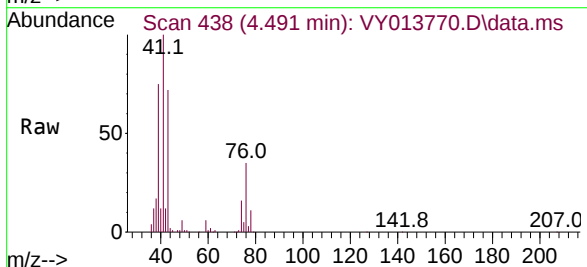
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

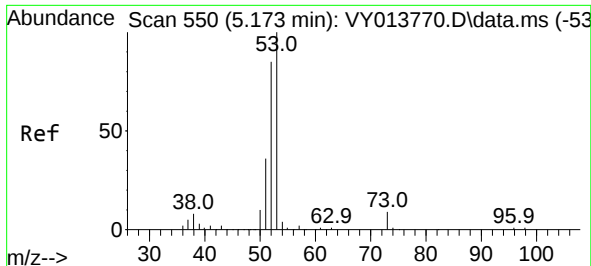
Tgt Ion: 56 Resp: 110510
Ion Ratio Lower Upper
56 100
55 71.9 57.5 86.3



#14
Allyl chloride
Concen: 50.697 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 41 Resp: 220595
Ion Ratio Lower Upper
41 100
39 69.7 55.8 83.6
76 32.7 26.2 39.2

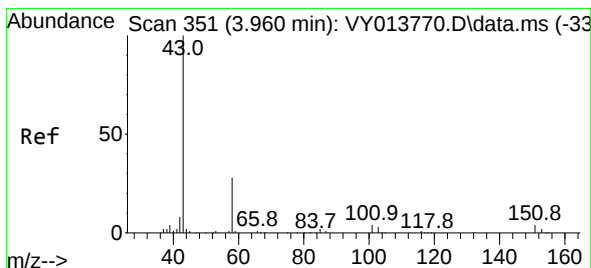
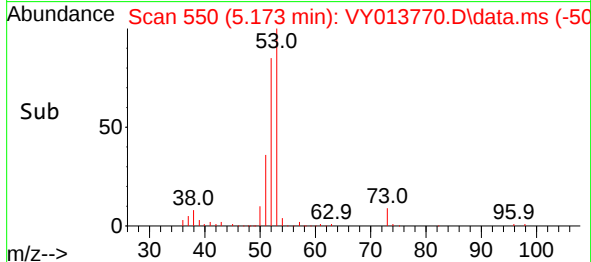
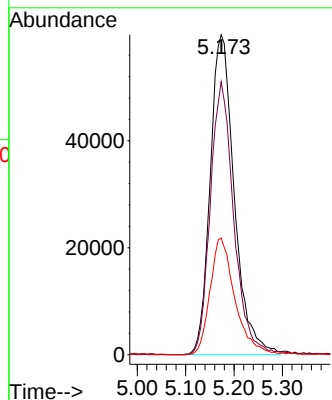
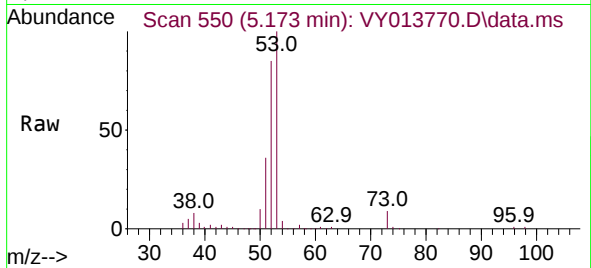




#15
Acrylonitrile
Concen: 253.681 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

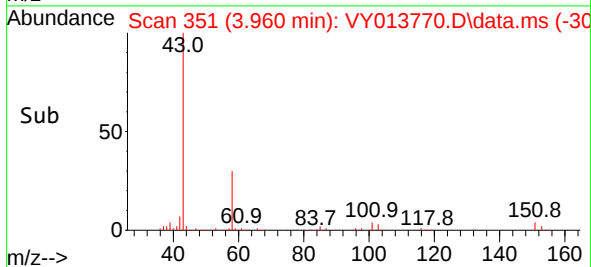
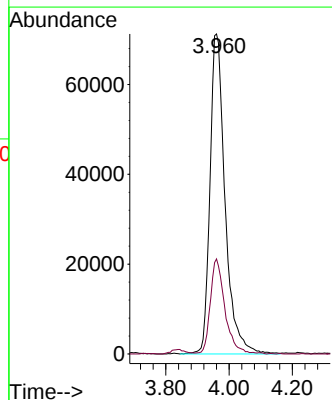
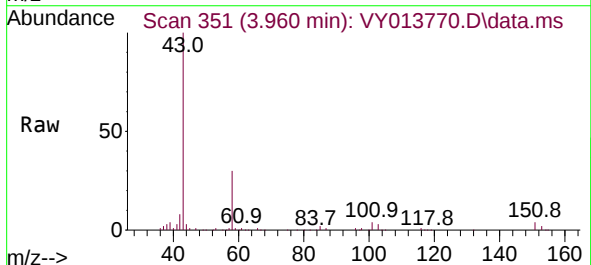
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

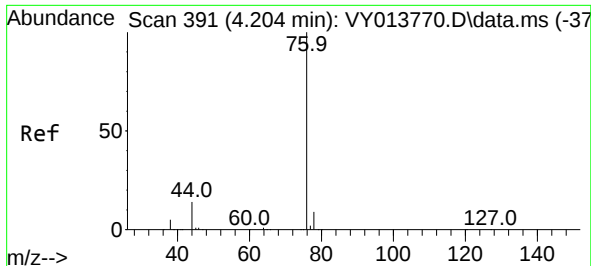
Tgt Ion: 53 Resp: 207279
Ion Ratio Lower Upper
53 100
52 83.1 66.5 99.7
51 37.6 30.1 45.1



#16
Acetone
Concen: 256.604 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 43 Resp: 236725
Ion Ratio Lower Upper
43 100
58 29.6 23.7 35.5

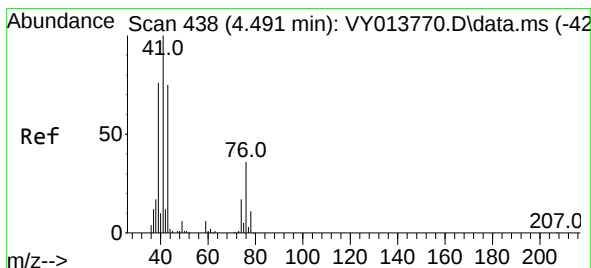
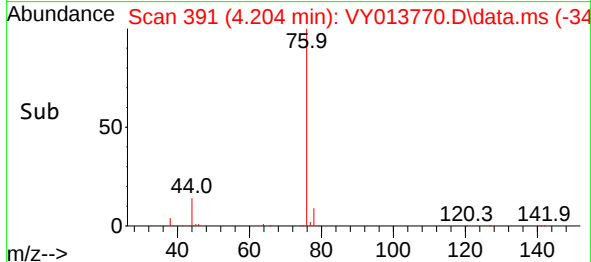
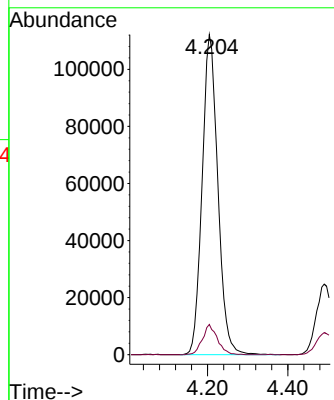
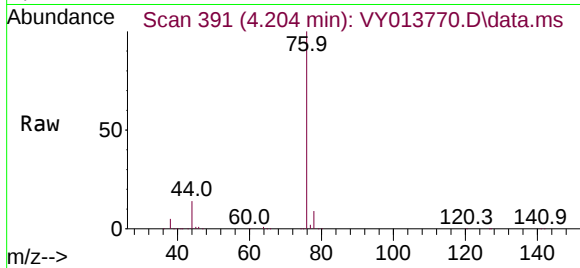




#17
Carbon Disulfide
Concen: 48.100 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

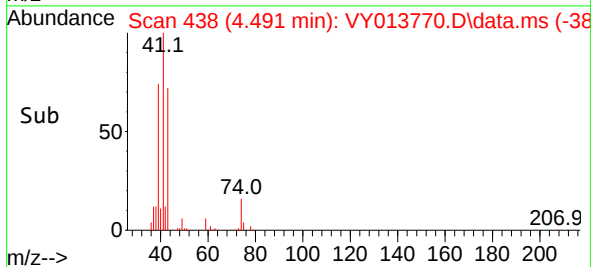
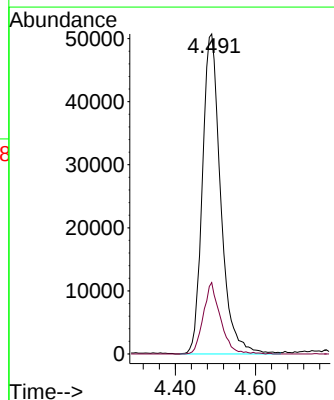
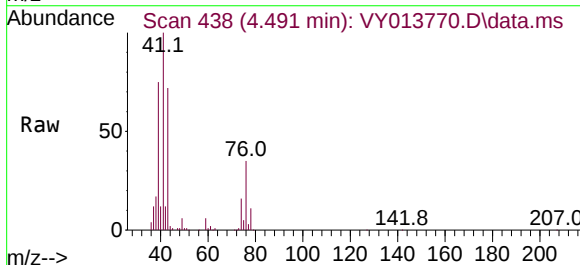
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

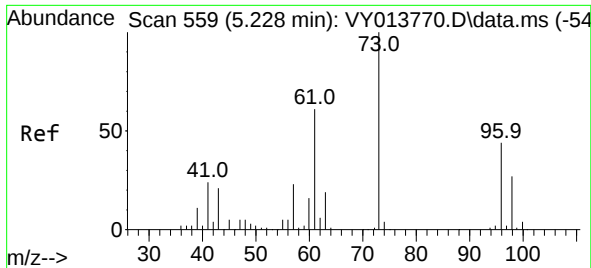
Tgt Ion: 76 Resp: 305301
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 49.884 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 43 Resp: 160439
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 52.316 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

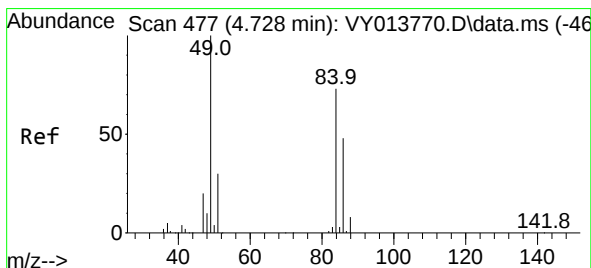
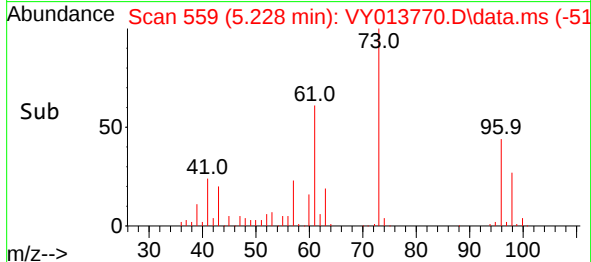
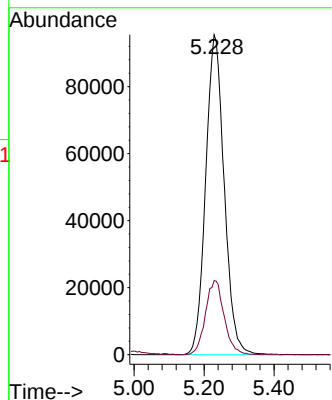
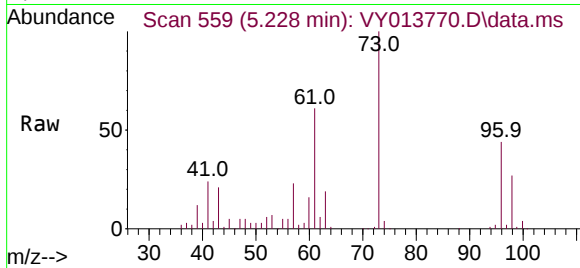
VSTDICCC050

Tgt Ion: 73 Resp: 350598

Ion Ratio Lower Upper

73 100

57 23.2 18.6 27.8



#20

Methylene Chloride

Concen: 51.798 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Tgt Ion: 84 Resp: 143448

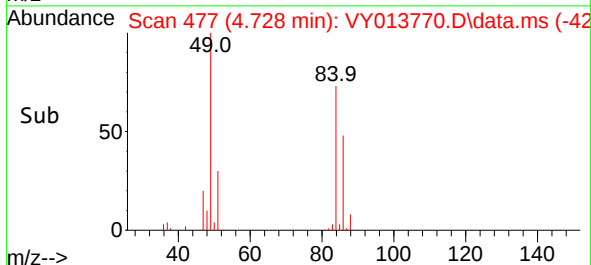
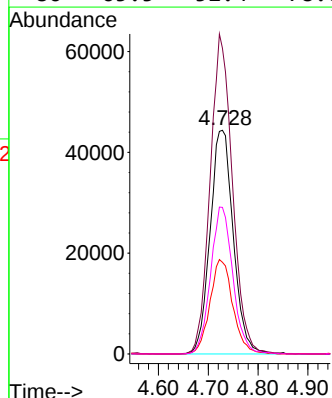
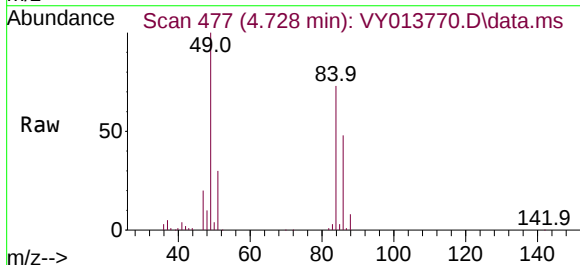
Ion Ratio Lower Upper

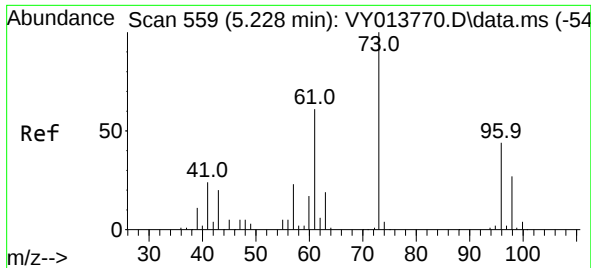
84 100

49 136.7 109.4 164.0

51 41.0 32.8 49.2

86 65.5 52.4 78.6

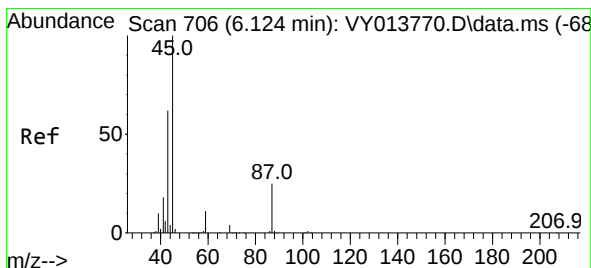
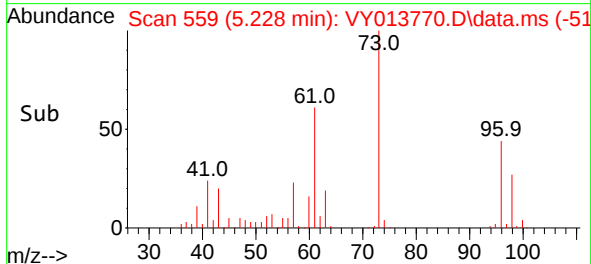
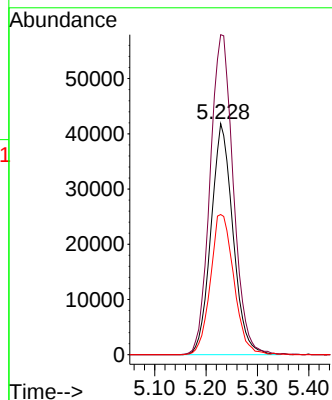
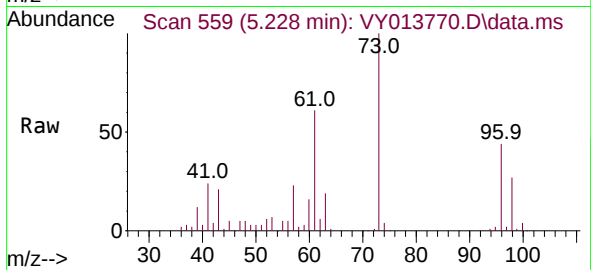




#21
trans-1,2-Dichloroethene
Concen: 50.056 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

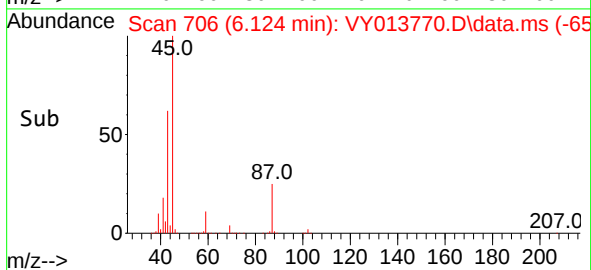
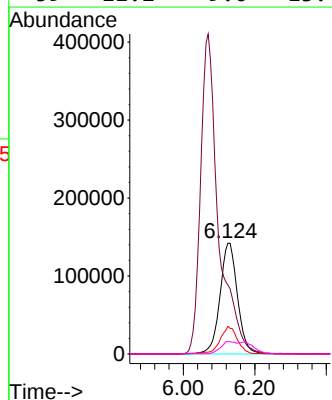
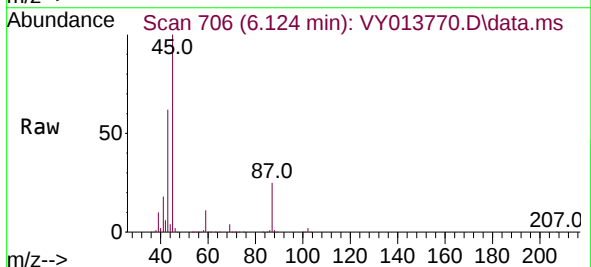
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

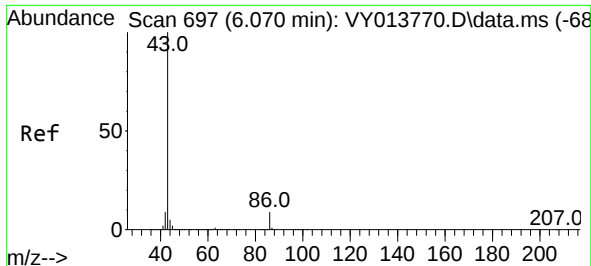
Tgt Ion: 96 Resp: 124500
Ion Ratio Lower Upper
96 100
61 138.5 110.8 166.2
98 60.7 48.6 72.8



#22
Diisopropyl ether
Concen: 52.048 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 45 Resp: 481738
Ion Ratio Lower Upper
45 100
43 62.1 49.7 74.5
87 24.9 19.9 29.9
59 11.2 9.0 13.4

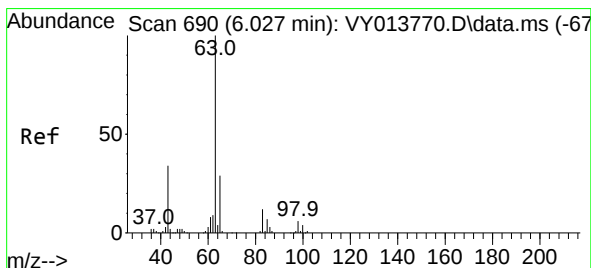
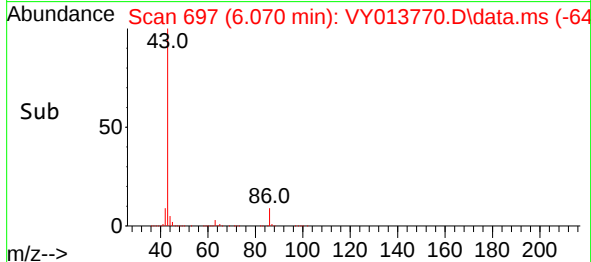
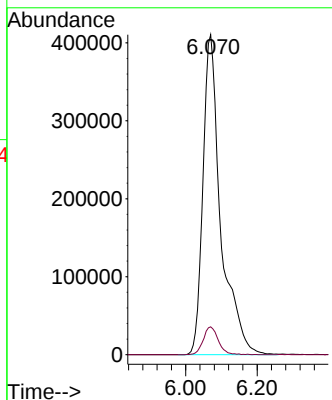
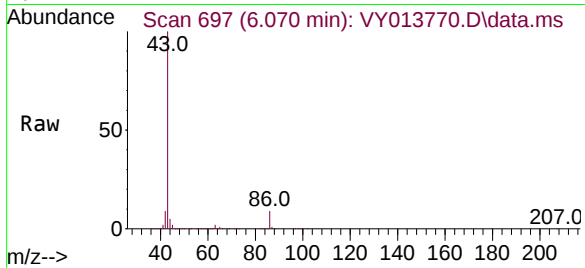




#23
 Vinyl Acetate
 Concen: 265.415 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY013770.D
 Acq: 17 May 2023 11:22

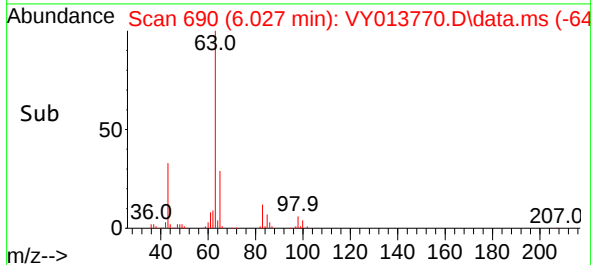
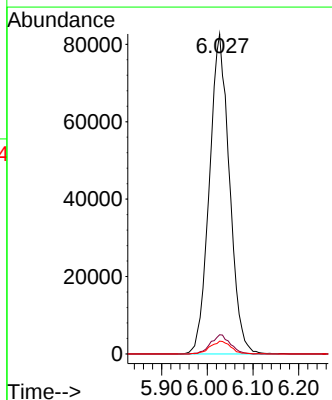
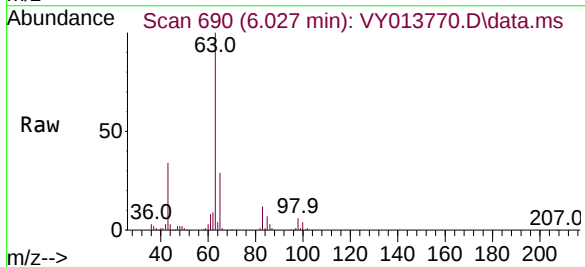
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

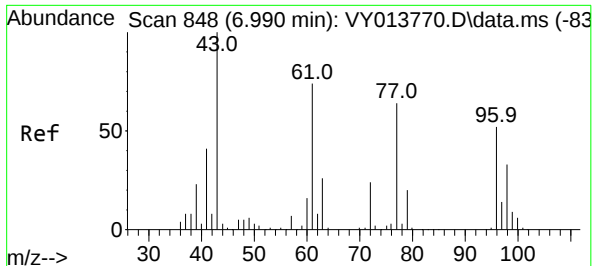
Tgt Ion: 43 Resp: 1421547
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 49.812 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY013770.D
 Acq: 17 May 2023 11:22

Tgt Ion: 63 Resp: 252033
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.0
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 259.659 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

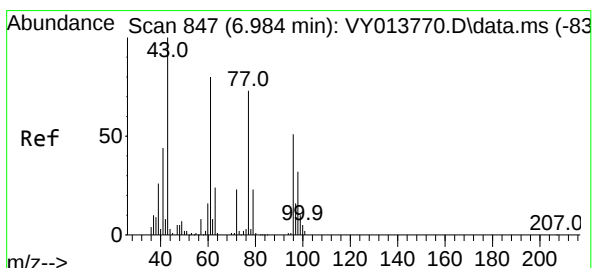
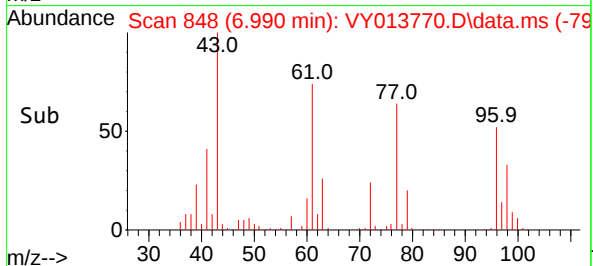
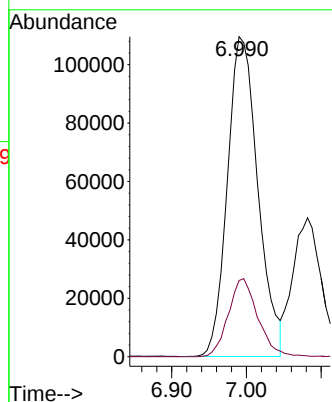
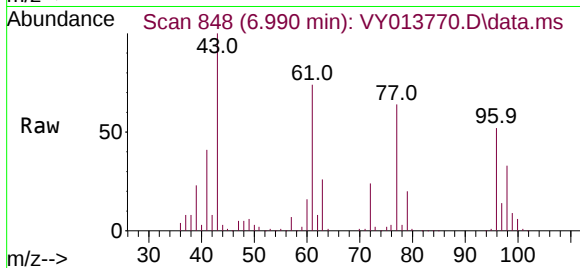
VSTDICCC050

Tgt Ion: 43 Resp: 311394

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.6



#26

2,2-Dichloropropane

Concen: 50.199 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013770.D

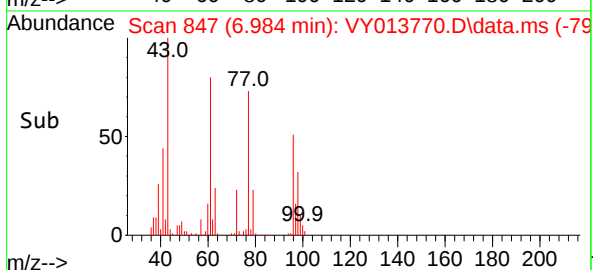
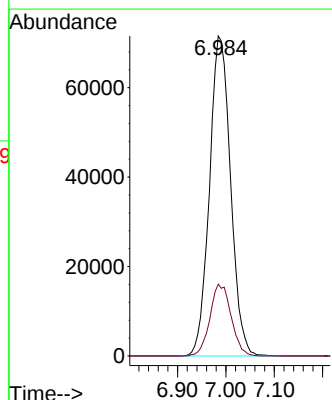
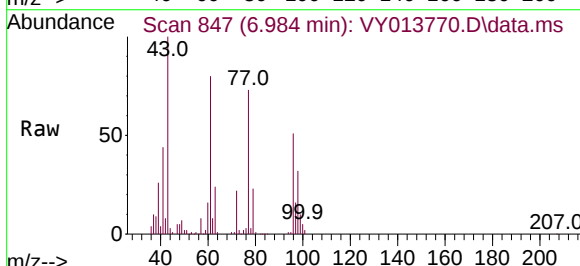
Acq: 17 May 2023 11:22

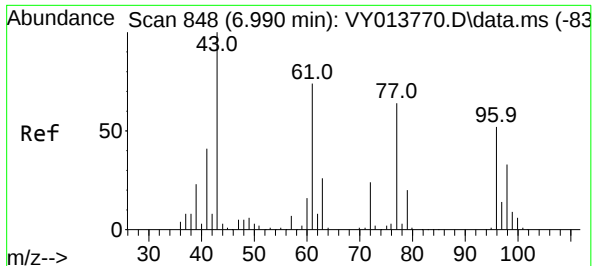
Tgt Ion: 77 Resp: 216956

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 51.064 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

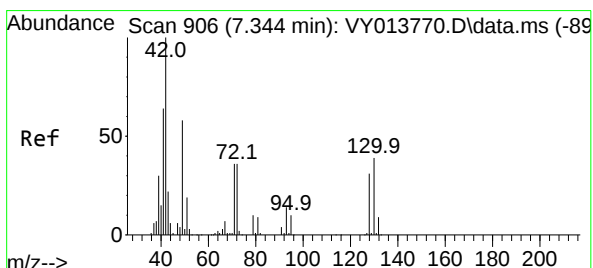
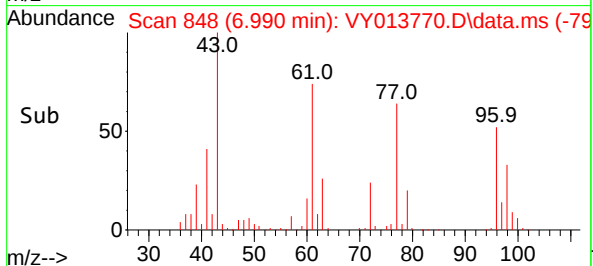
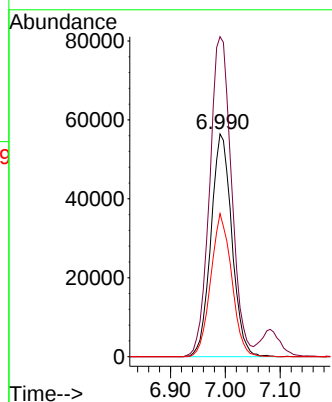
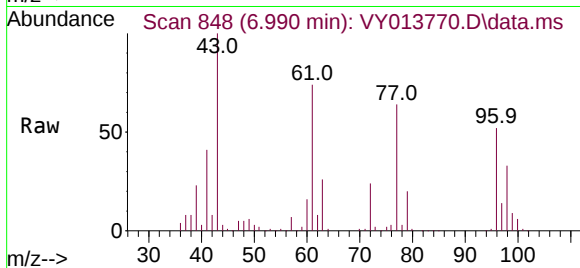
Tgt Ion: 96 Resp: 149656

Ion Ratio Lower Upper

96 100

61 150.3 0.0 300.6

98 63.9 0.0 127.8



#28

Bromochloromethane

Concen: 47.420 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

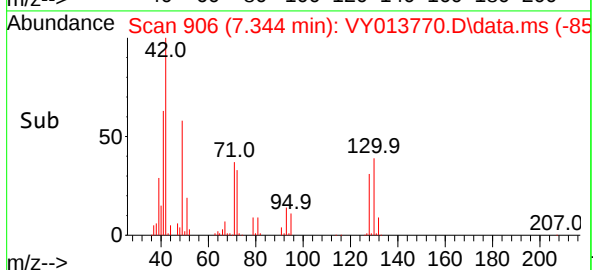
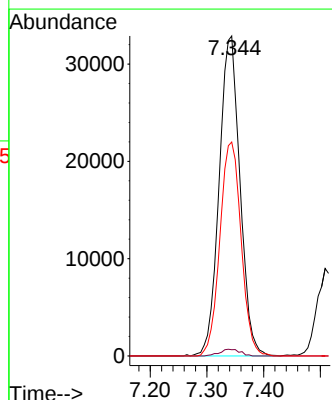
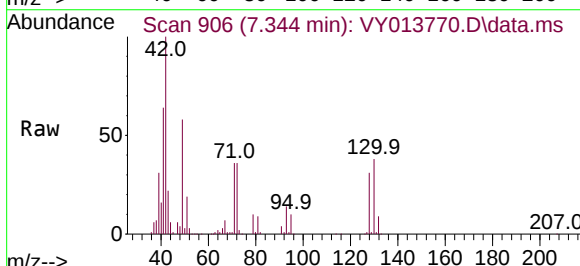
Tgt Ion: 49 Resp: 83950

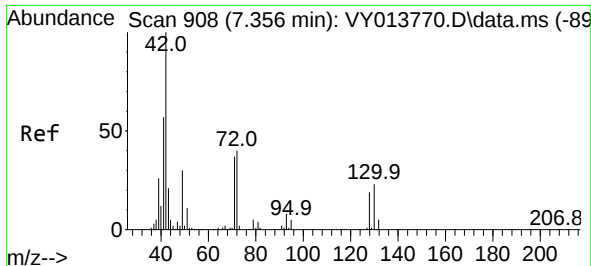
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 68.0 54.4 81.6





#29

Tetrahydrofuran

Concen: 262.697 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

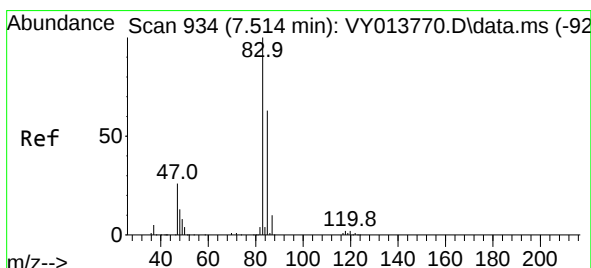
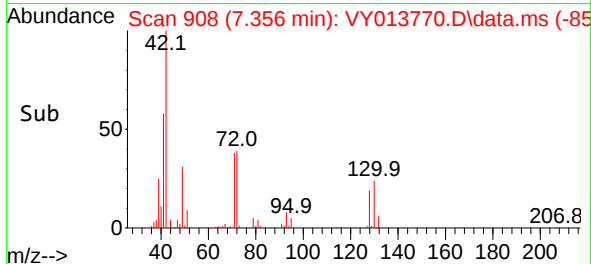
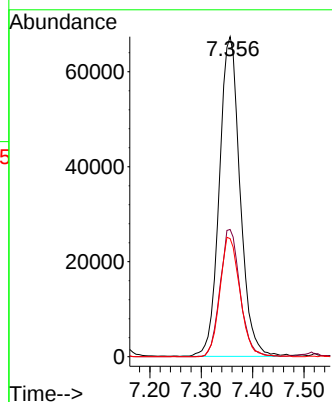
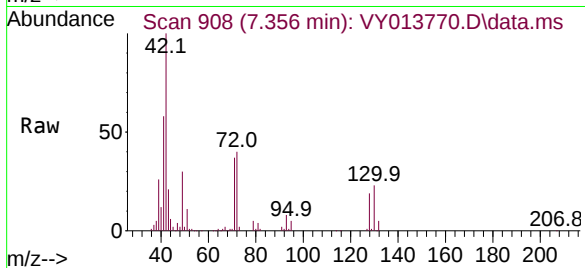
Tgt Ion: 42 Resp: 188501

Ion Ratio Lower Upper

42 100

72 38.4 30.7 46.1

71 36.3 29.0 43.6



#30

Chloroform

Concen: 49.988 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY013770.D

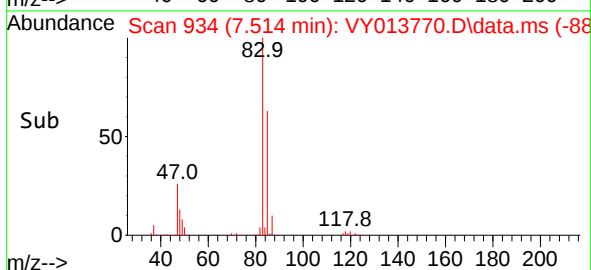
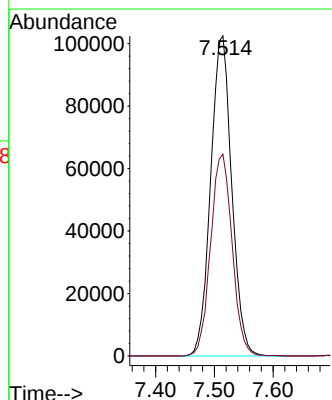
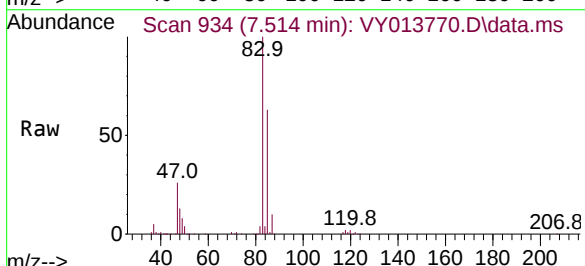
Acq: 17 May 2023 11:22

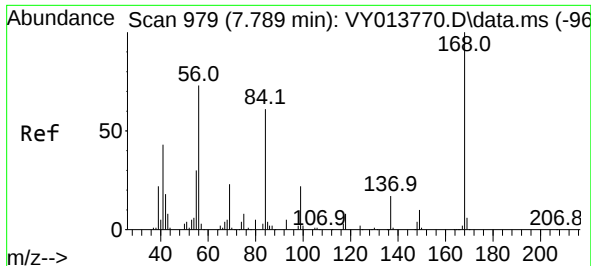
Tgt Ion: 83 Resp: 254870

Ion Ratio Lower Upper

83 100

85 63.1 50.5 75.7

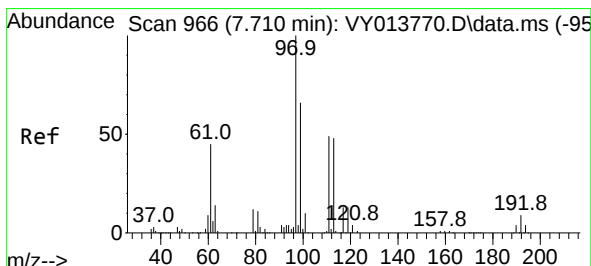
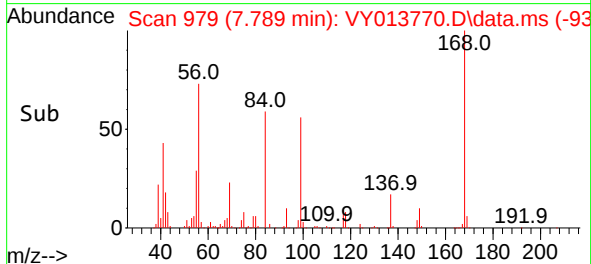
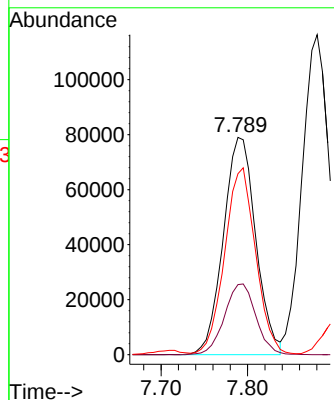
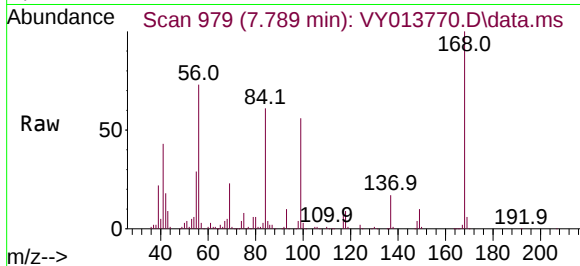




#31
Cyclohexane
Concen: 46.928 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

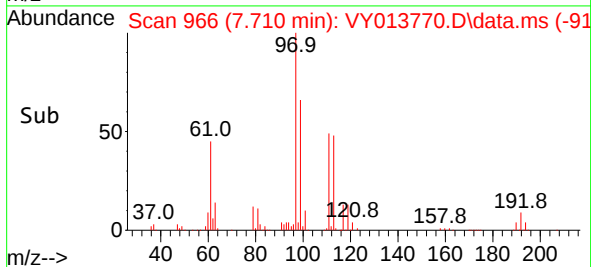
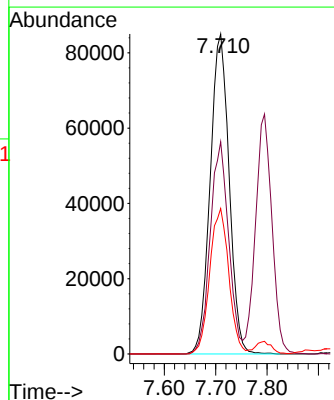
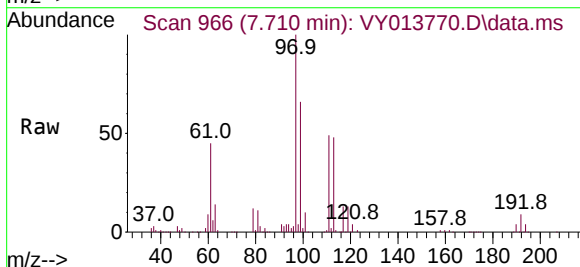
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

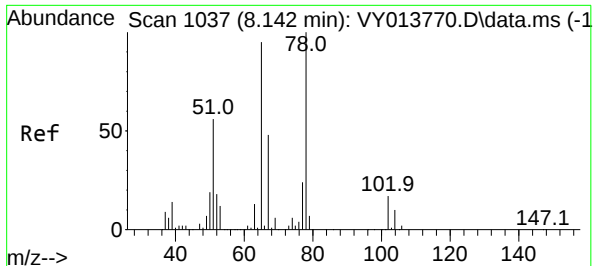
Tgt Ion: 56 Resp: 205734
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 82.2 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 49.960 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 97 Resp: 217437
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 45.7 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 50.219 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

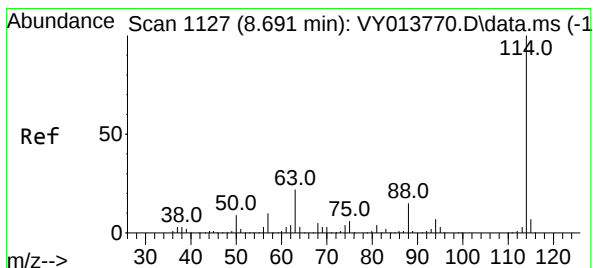
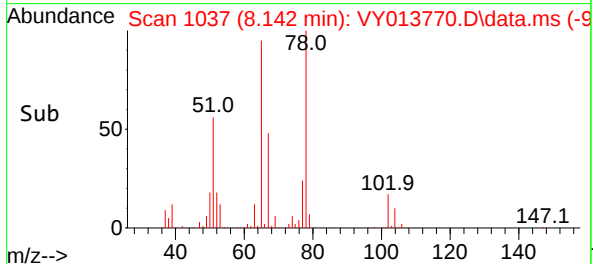
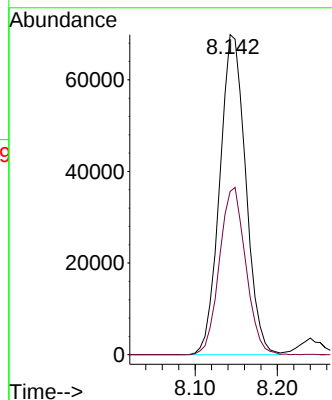
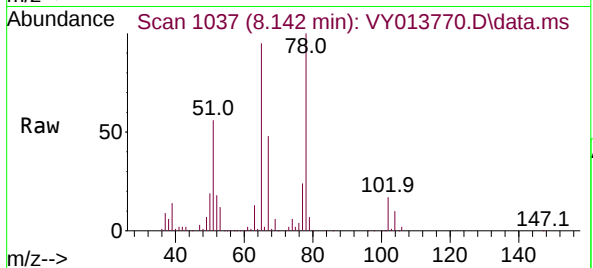
VSTDICCC050

Tgt Ion: 65 Resp: 153557

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

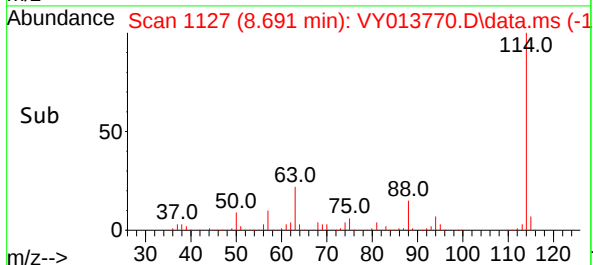
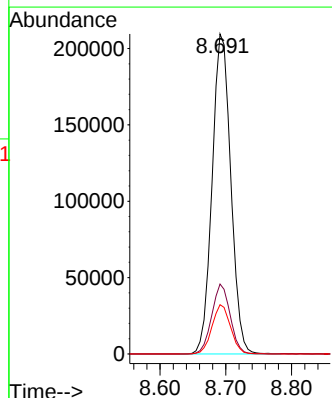
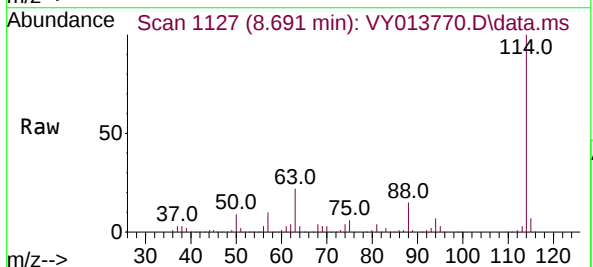
Tgt Ion: 114 Resp: 413969

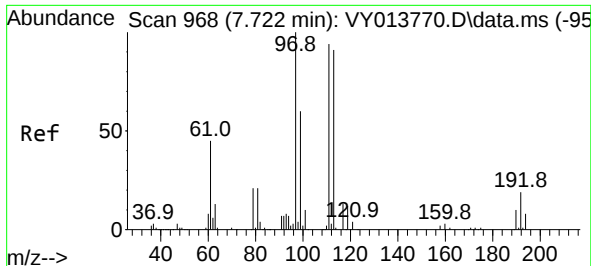
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

88 15.4 0.0 30.8

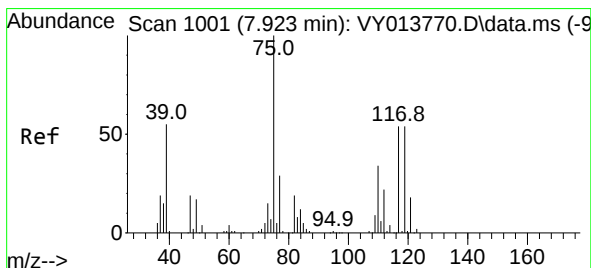
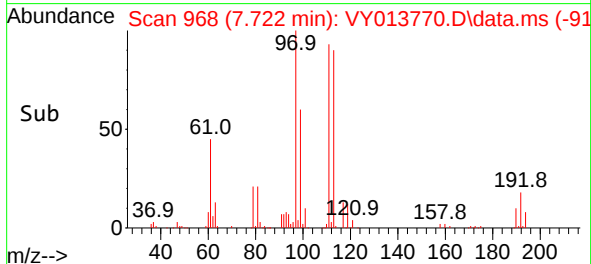
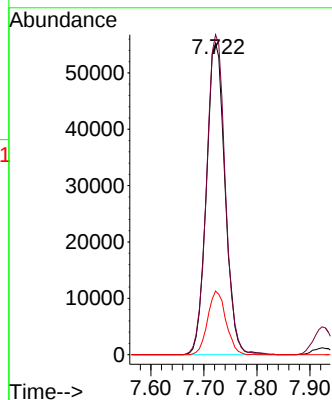
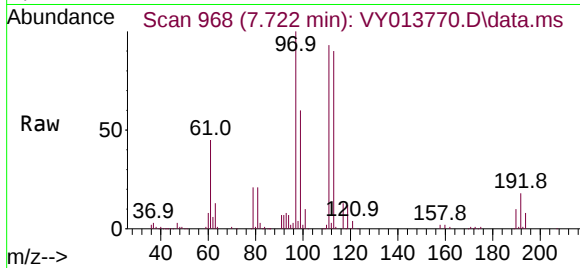




#35
Dibromofluoromethane
Concen: 50.948 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

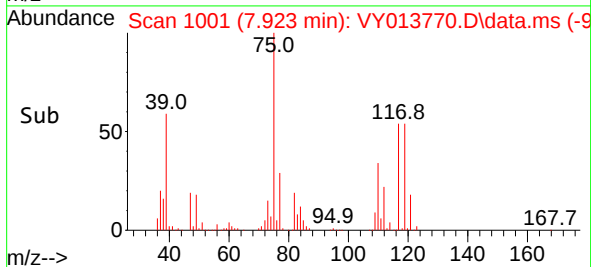
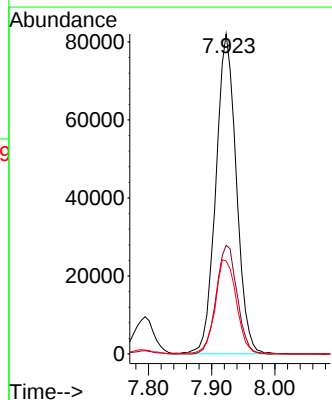
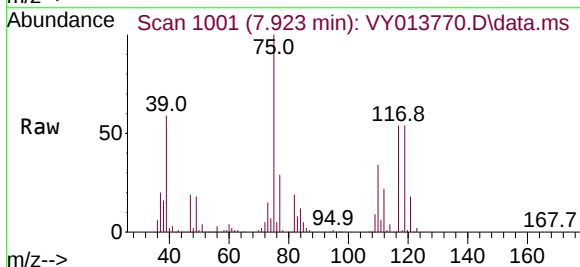
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

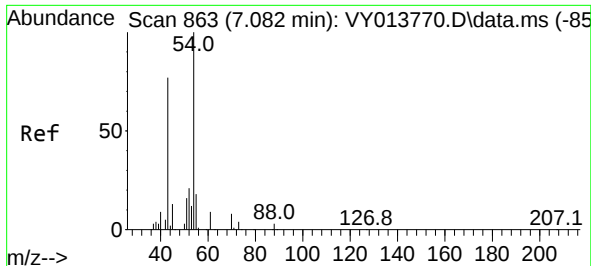
Tgt Ion:113 Resp: 135248
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 20.0 16.0 24.0



#36
1,1-Dichloropropene
Concen: 50.181 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 75 Resp: 184058
Ion Ratio Lower Upper
75 100
110 34.5 17.3 51.7
77 30.7 24.6 36.8





#37

Ethyl Acetate

Concen: 51.359 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

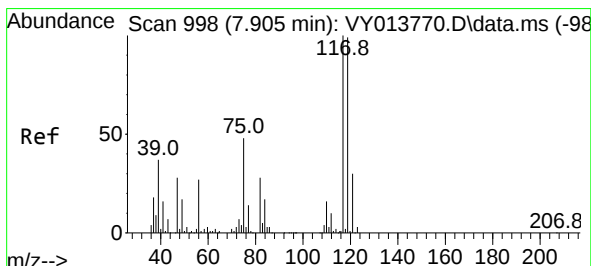
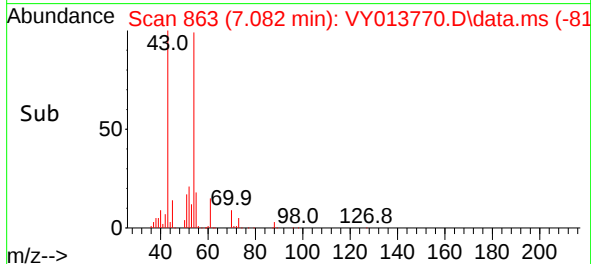
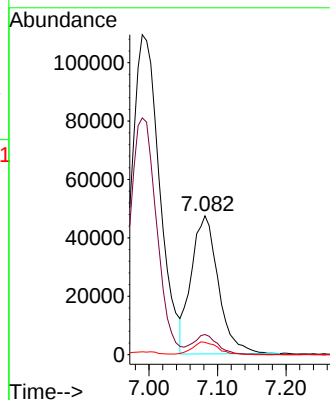
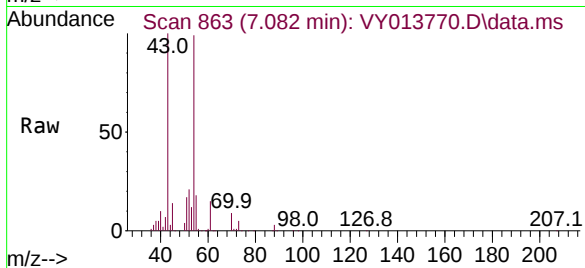
Tgt Ion: 43 Resp: 129579

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

70 8.8 7.0 10.6



#38

Carbon Tetrachloride

Concen: 49.797 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

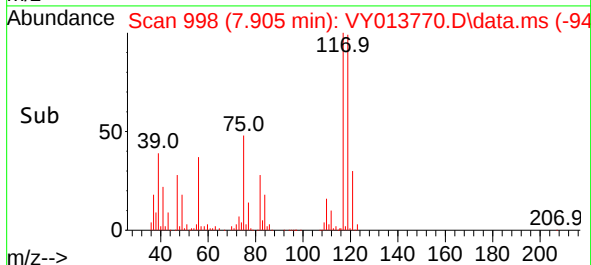
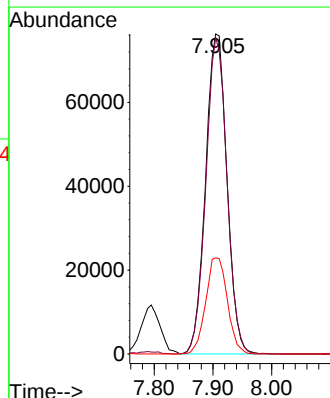
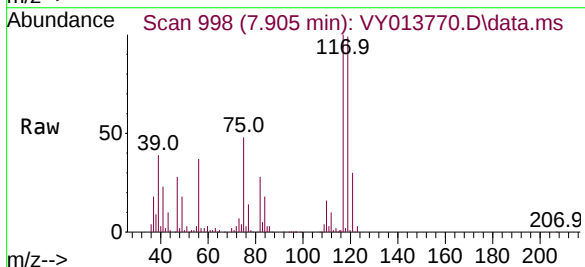
Tgt Ion: 117 Resp: 192682

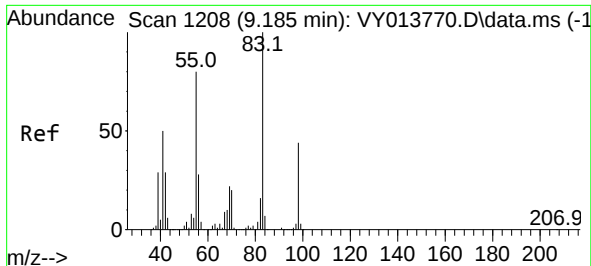
Ion Ratio Lower Upper

117 100

119 98.8 79.0 118.6

121 30.1 24.1 36.1





#39

Methylcyclohexane

Concen: 50.053 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

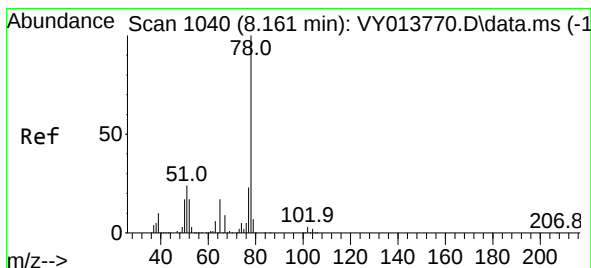
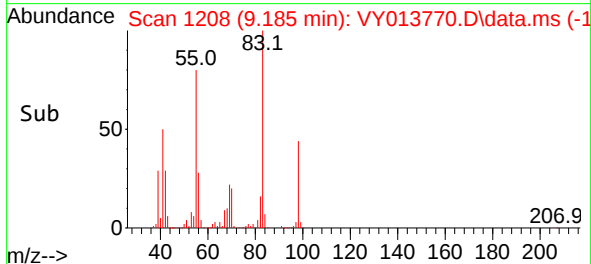
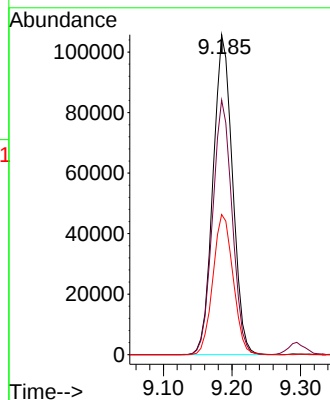
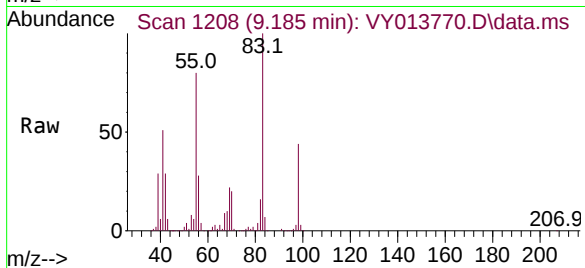
Tgt Ion: 83 Resp: 208665

Ion Ratio Lower Upper

83 100

55 79.6 63.7 95.5

98 43.8 35.0 52.6



#40

Benzene

Concen: 50.024 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013770.D

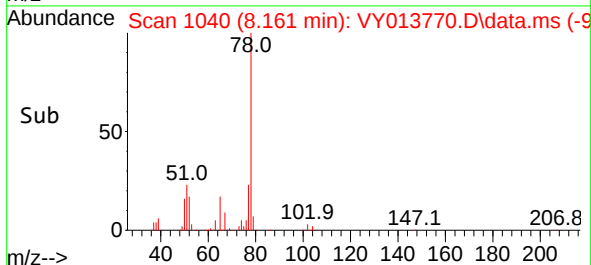
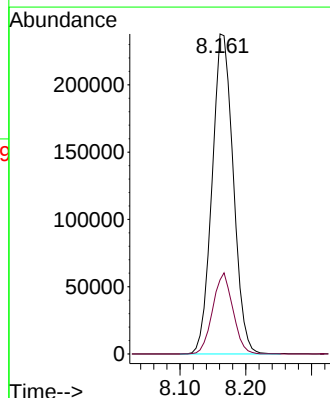
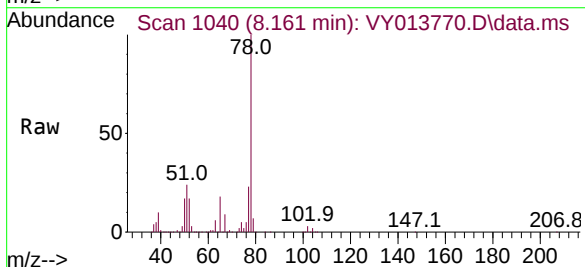
Acq: 17 May 2023 11:22

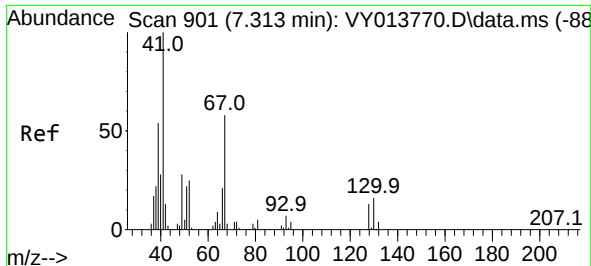
Tgt Ion: 78 Resp: 533196

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8

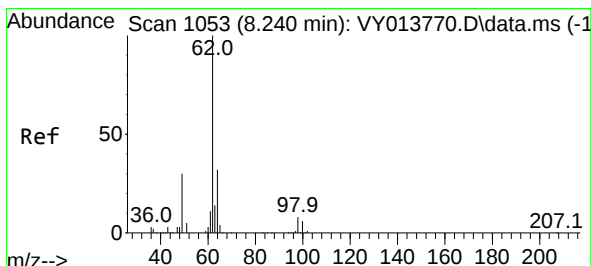
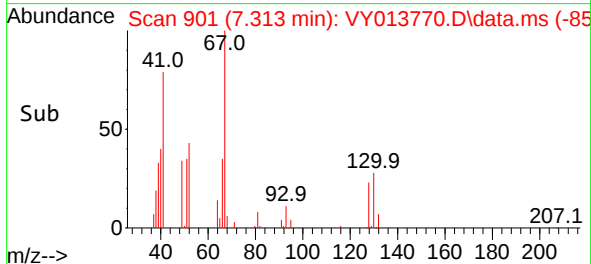
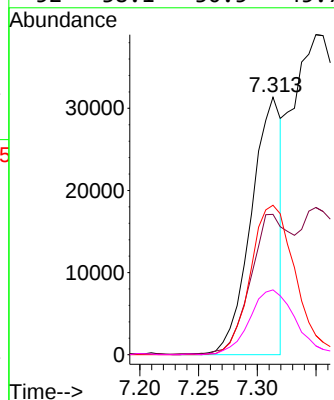
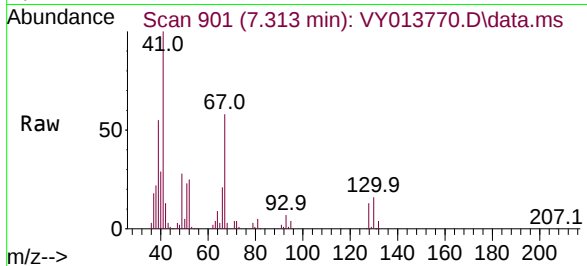




#41
Methacrylonitrile
Concen: 46.090 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

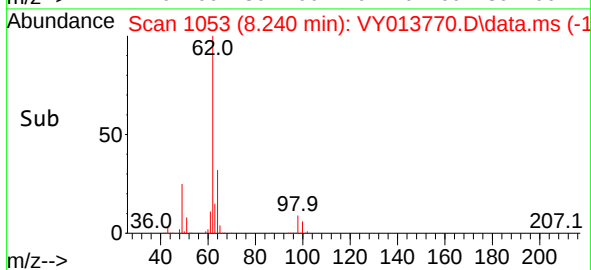
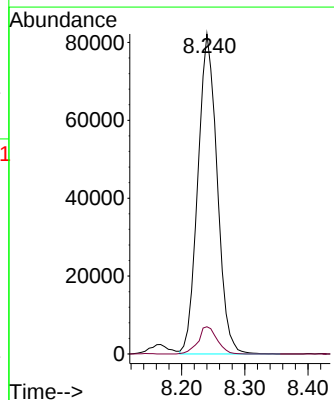
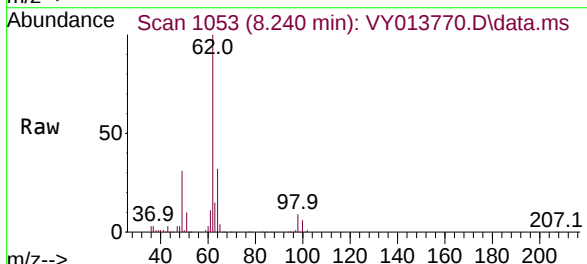
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

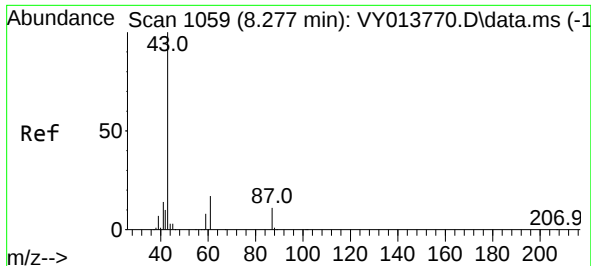
Tgt Ion:	41	Resp:	56097
Ion	Ratio	Lower	Upper
41	100		
39	74.4	59.5	89.3
67	86.4	69.1	103.7
52	38.1	30.5	45.7



#42
1,2-Dichloroethane
Concen: 50.743 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion:	62	Resp:	174755
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8

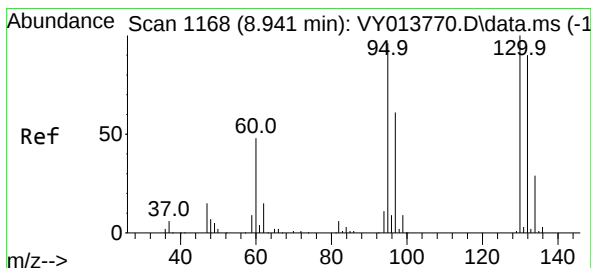
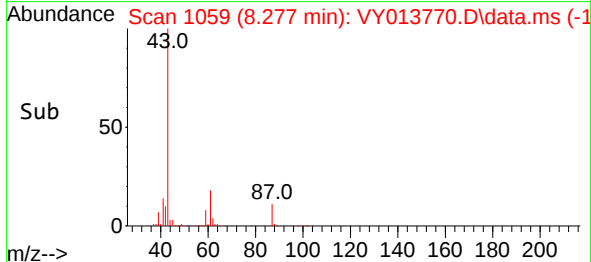
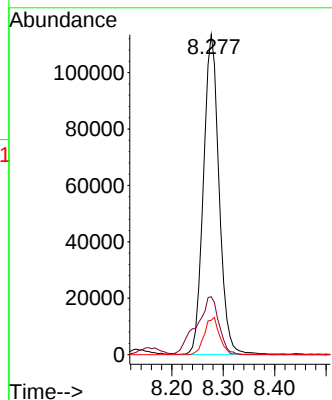
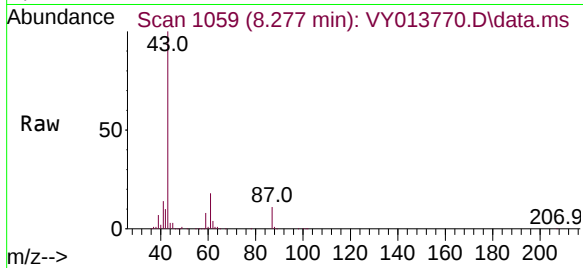




#43
Isopropyl Acetate
Concen: 52.096 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

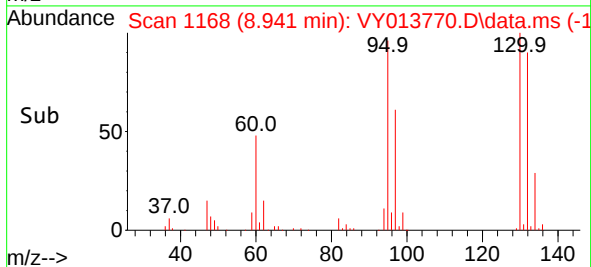
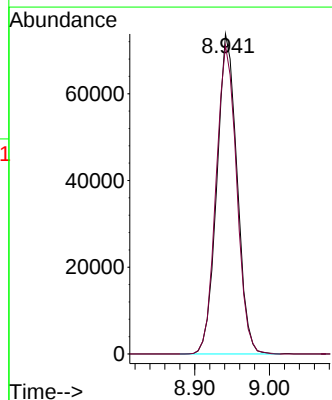
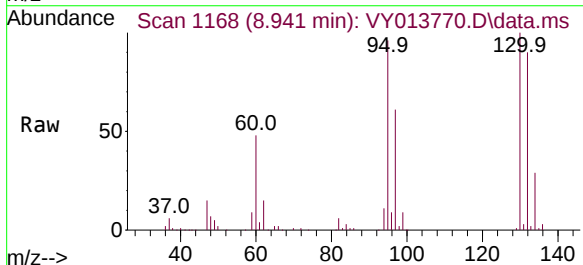
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

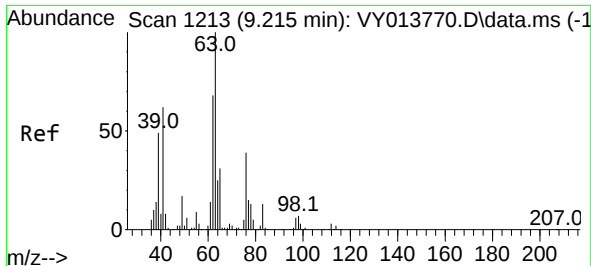
Tgt Ion: 43 Resp: 238564
Ion Ratio Lower Upper
43 100
61 25.8 20.6 31.0
87 11.3 9.0 13.6



#44
Trichloroethene
Concen: 49.708 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion:130 Resp: 138505
Ion Ratio Lower Upper
130 100
95 96.5 0.0 193.0





#45

1,2-Dichloropropane

Concen: 50.735 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

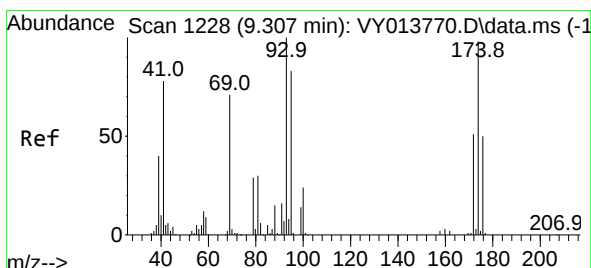
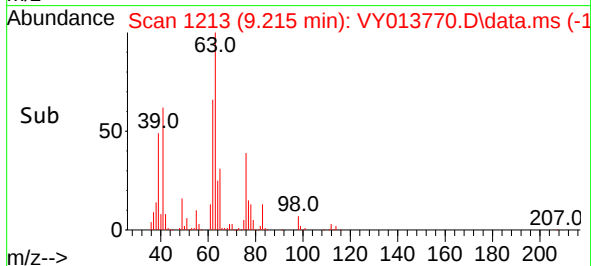
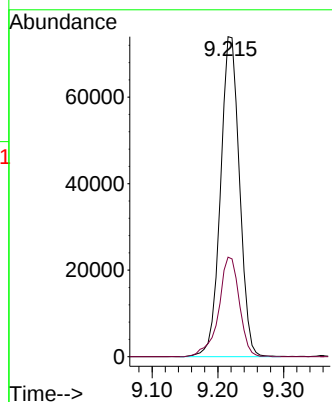
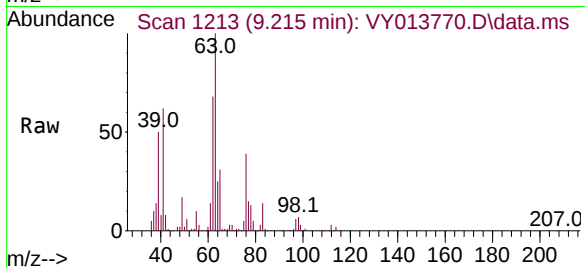
VSTDICCC050

Tgt Ion: 63 Resp: 148600

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 51.227 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

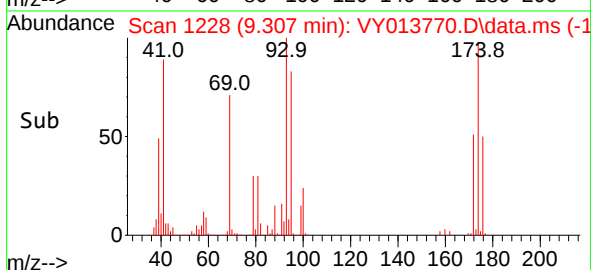
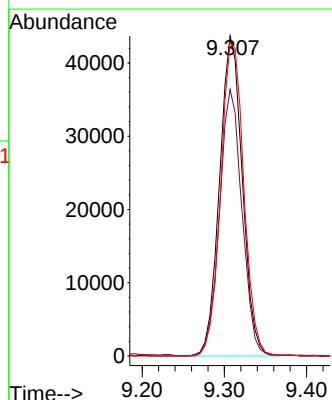
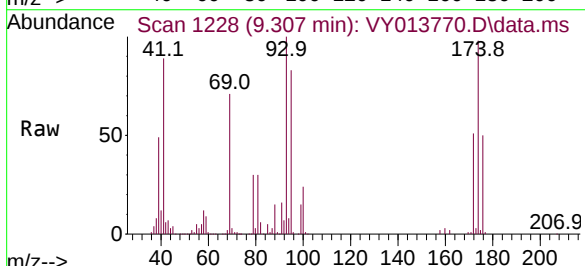
Tgt Ion: 93 Resp: 84032

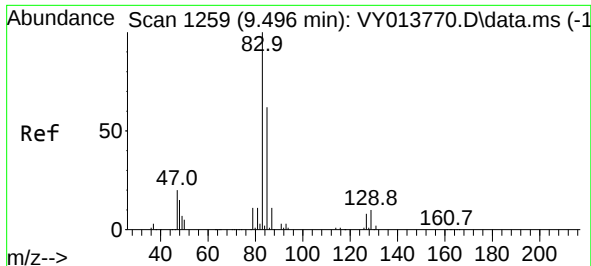
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 99.4 79.5 119.3

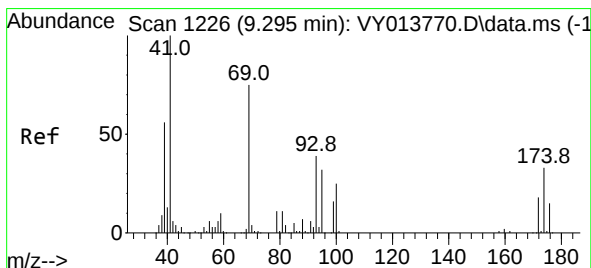
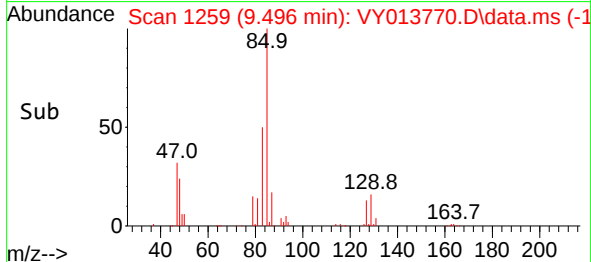
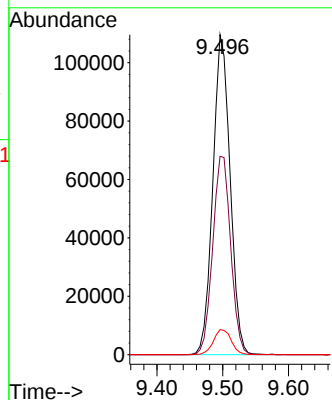
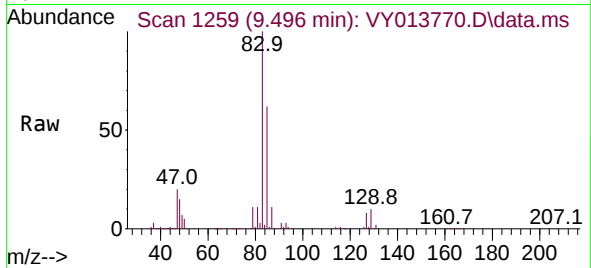




#47
Bromodichloromethane
Concen: 51.531 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

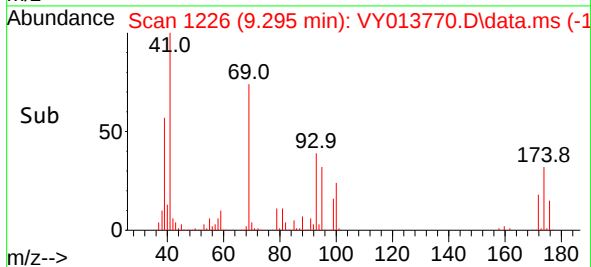
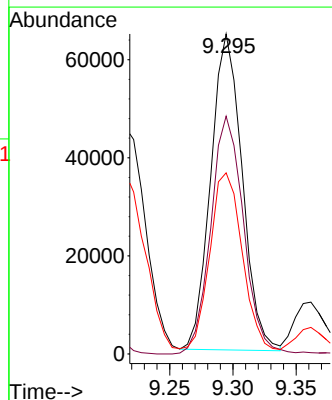
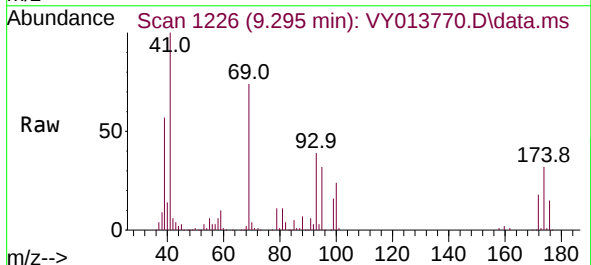
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

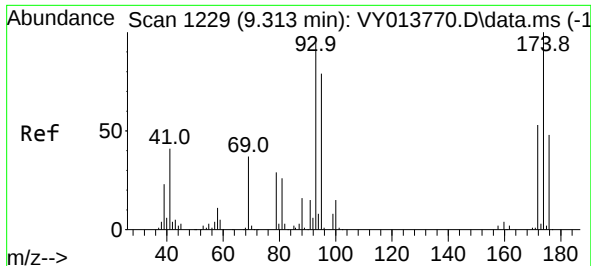
Tgt Ion: 83 Resp: 200185
Ion Ratio Lower Upper
83 100
85 62.0 49.6 74.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 52.904 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 41 Resp: 111286
Ion Ratio Lower Upper
41 100
69 78.8 63.0 94.6
39 57.7 46.2 69.2





#49

1,4-Dioxane

Concen: 1076.264 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

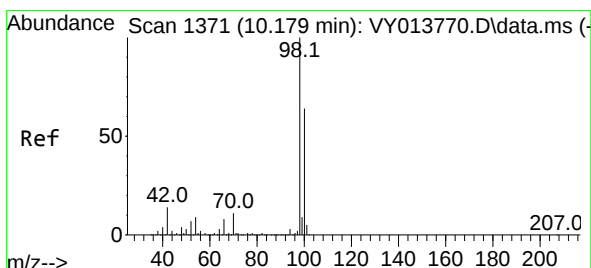
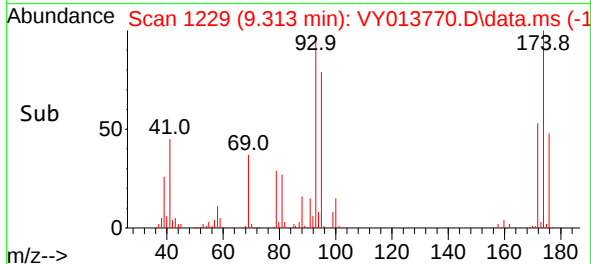
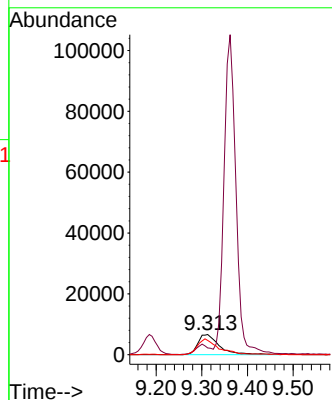
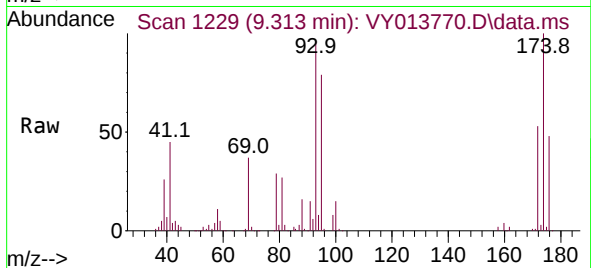
Tgt Ion: 88 Resp: 21668

Ion Ratio Lower Upper

88 100

43 32.6 26.1 39.1

58 77.7 62.2 93.2



#50

Toluene-d8

Concen: 50.696 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013770.D

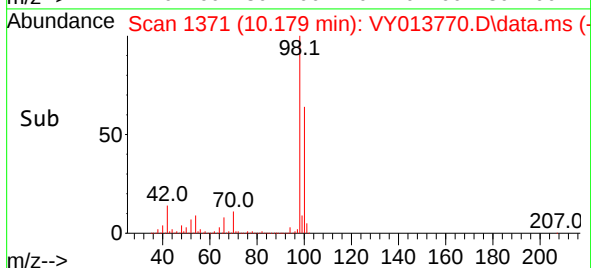
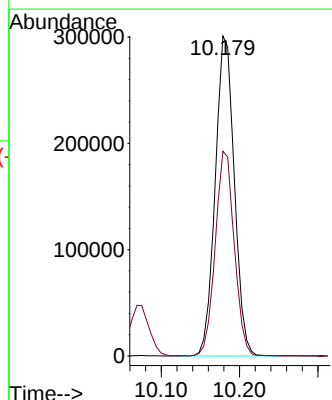
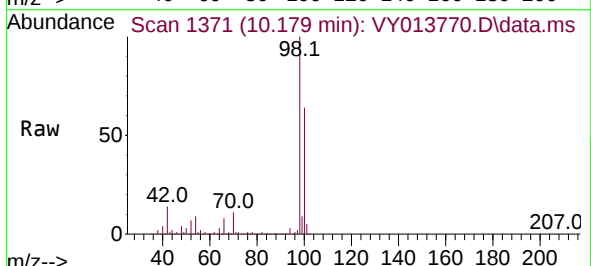
Acq: 17 May 2023 11:22

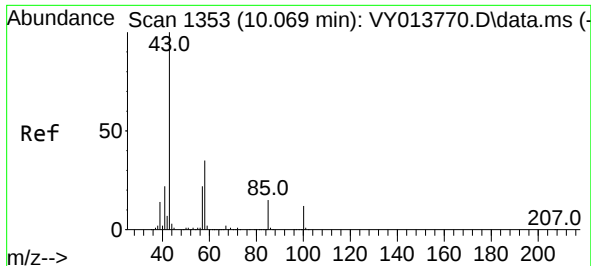
Tgt Ion: 98 Resp: 510209

Ion Ratio Lower Upper

98 100

100 63.8 51.0 76.6

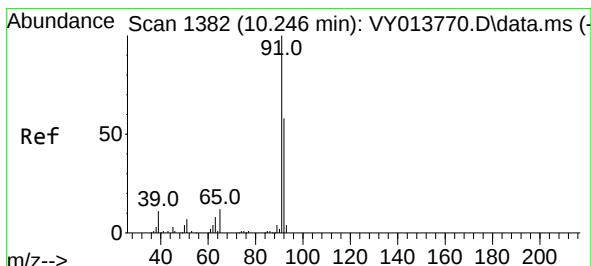
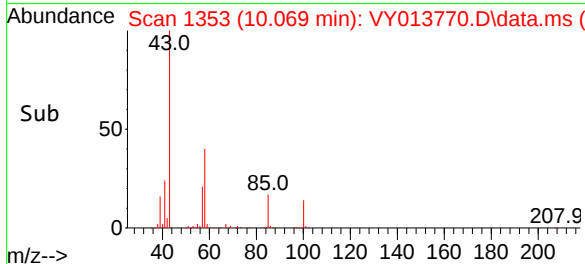
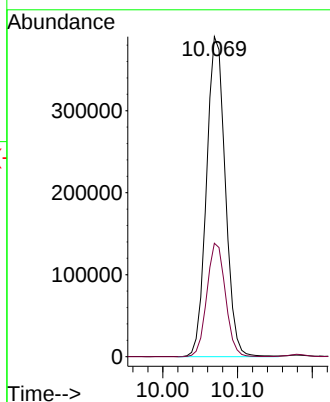
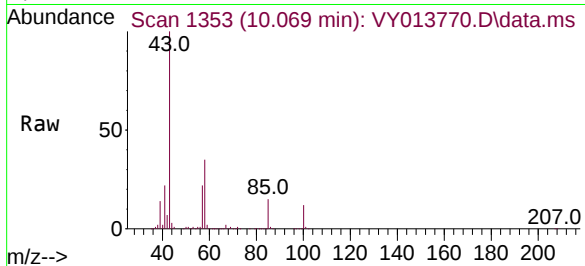




#51
4-Methyl-2-Pentanone
Concen: 267.134 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

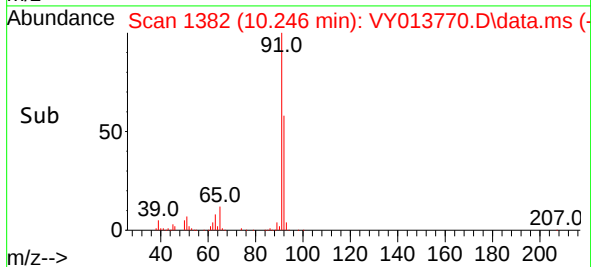
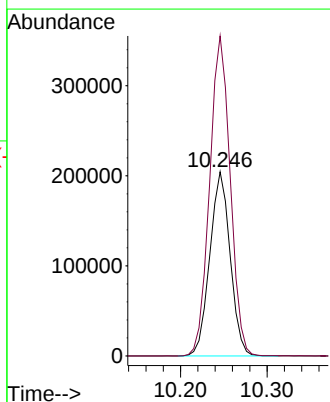
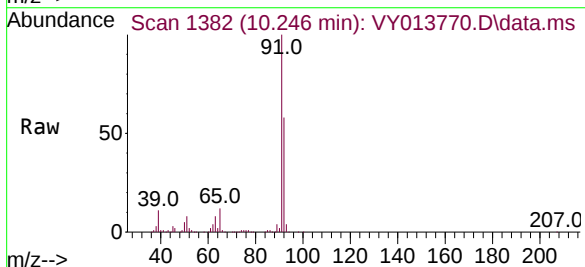
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

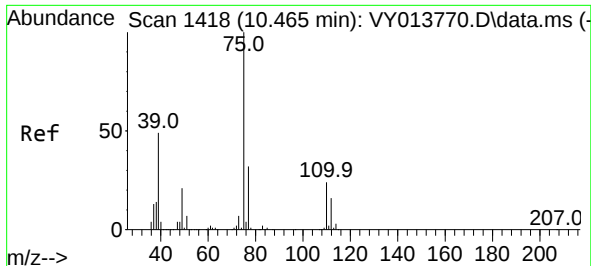
Tgt Ion: 43 Resp: 681217
Ion Ratio Lower Upper
43 100
58 35.2 28.2 42.2



#52
Toluene
Concen: 51.529 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 92 Resp: 332968
Ion Ratio Lower Upper
92 100
91 176.2 141.0 211.4

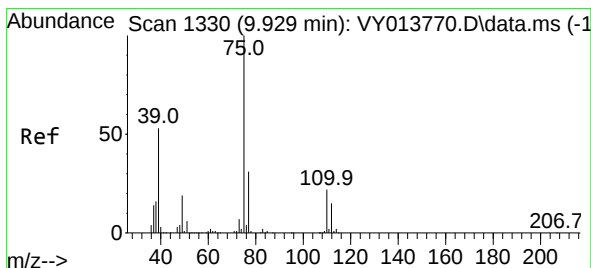
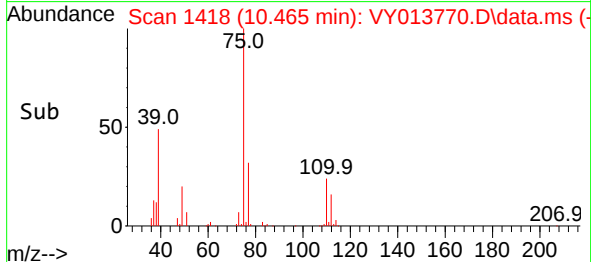
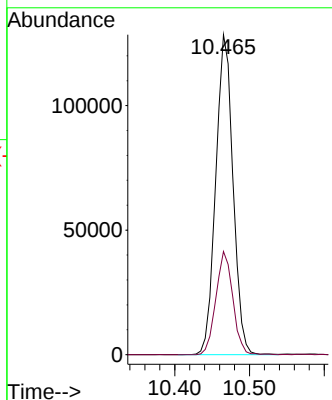
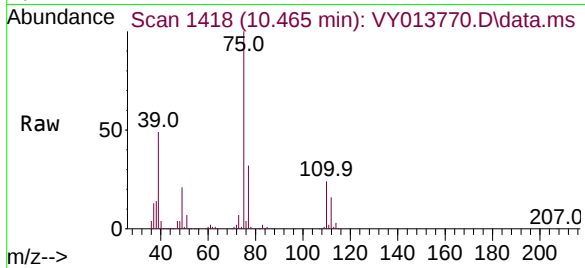




#53
t-1,3-Dichloropropene
Concen: 51.425 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

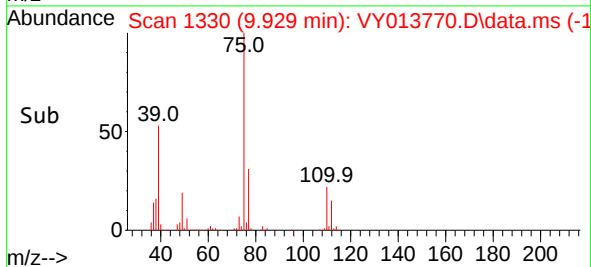
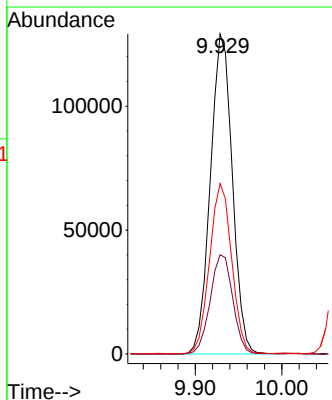
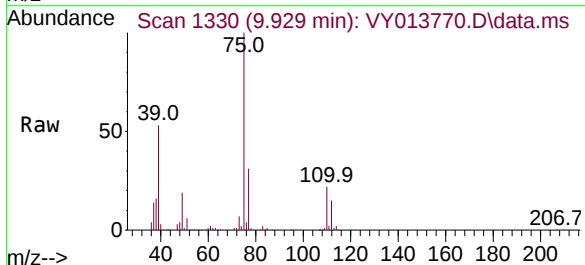
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

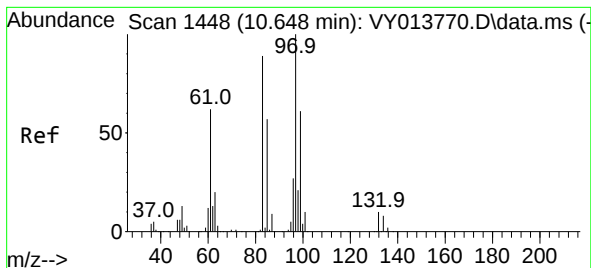
Tgt Ion: 75 Resp: 205976
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 50.843 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 75 Resp: 227218
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 53.2 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 51.188 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 114203

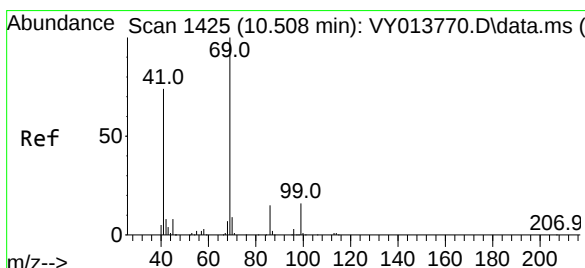
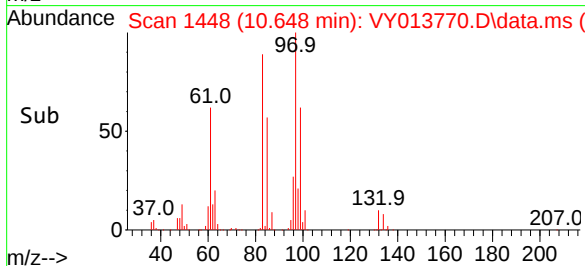
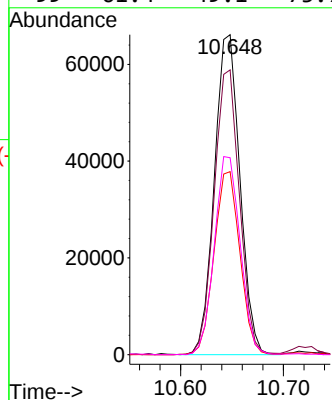
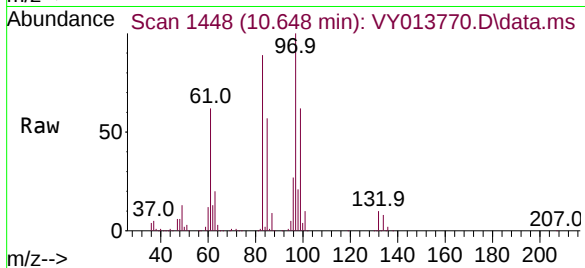
Ion Ratio Lower Upper

97 100

83 88.9 71.1 106.7

85 57.1 45.7 68.5

99 61.4 49.1 73.7



#56

Ethyl methacrylate

Concen: 54.904 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

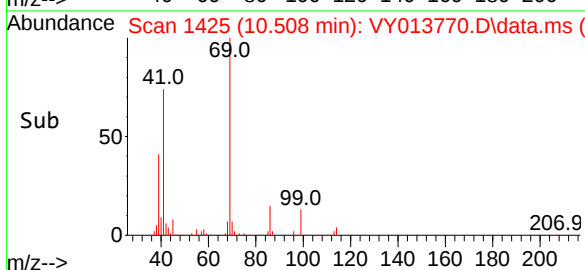
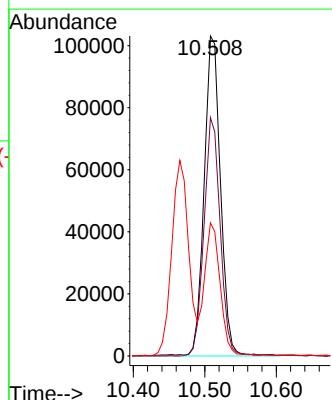
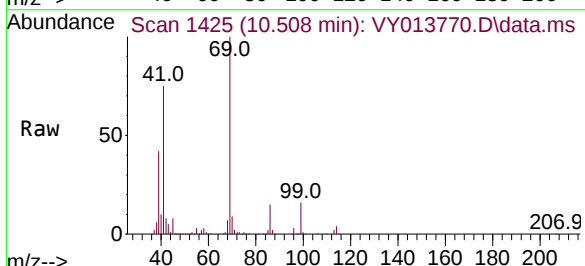
Tgt Ion: 69 Resp: 163472

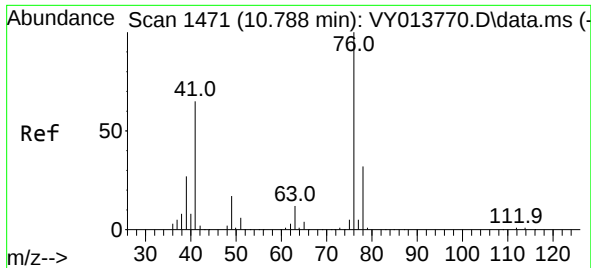
Ion Ratio Lower Upper

69 100

41 72.9 58.3 87.5

39 39.8 31.8 47.8

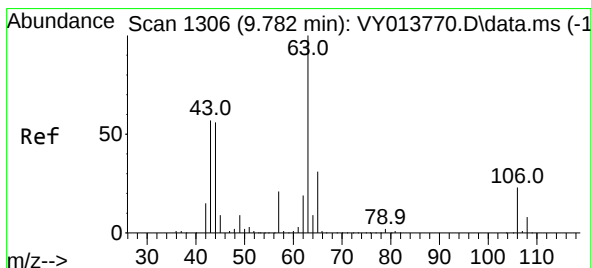
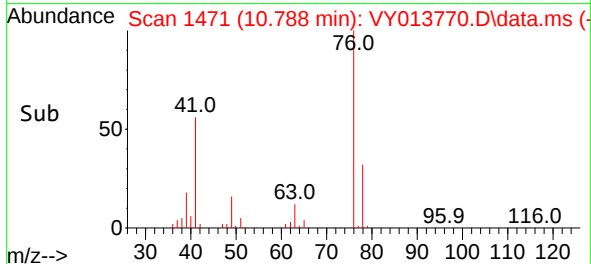
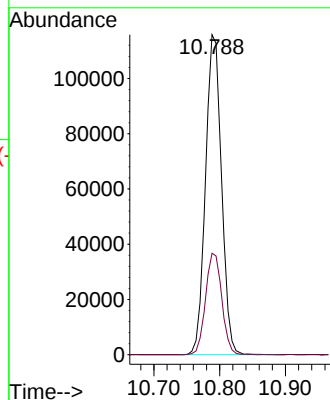
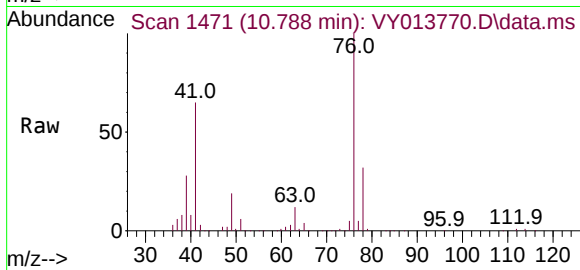




#57
 1,3-Dichloropropane
 Concen: 51.073 ug/l
 RT: 10.788 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VY013770.D
 Acq: 17 May 2023 11:22

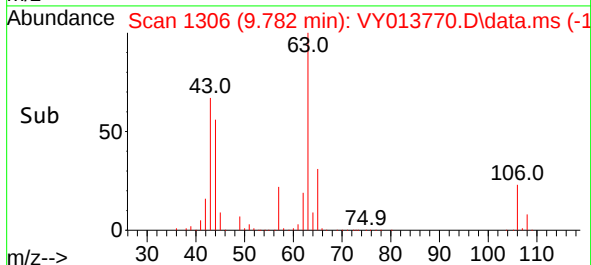
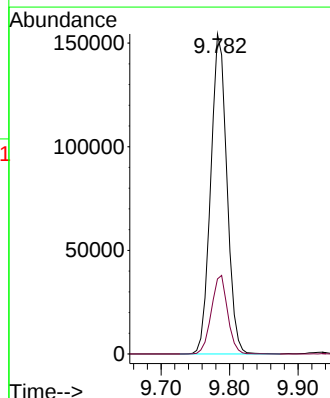
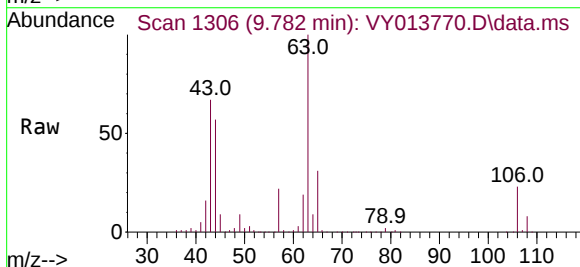
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

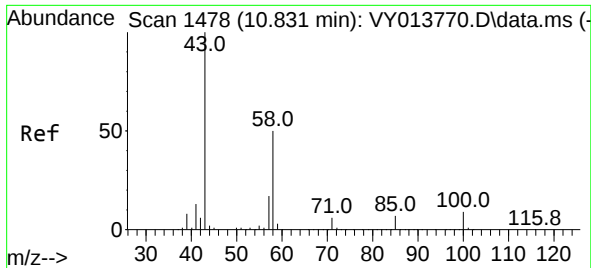
Tgt Ion: 76 Resp: 196032
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.201 ug/l
 RT: 9.782 min Scan# 1306
 Delta R.T. 0.000 min
 Lab File: VY013770.D
 Acq: 17 May 2023 11:22

Tgt Ion: 63 Resp: 253711
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5

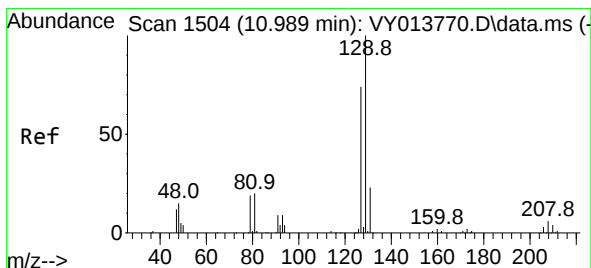
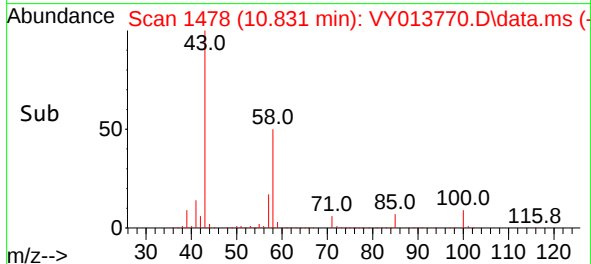
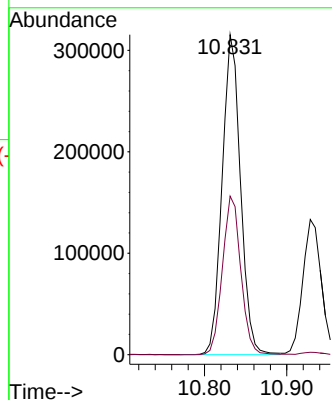
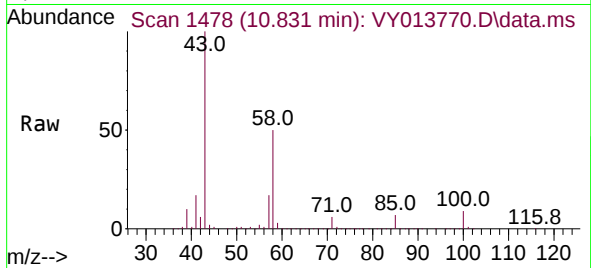




#59
2-Hexanone
Concen: 270.323 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

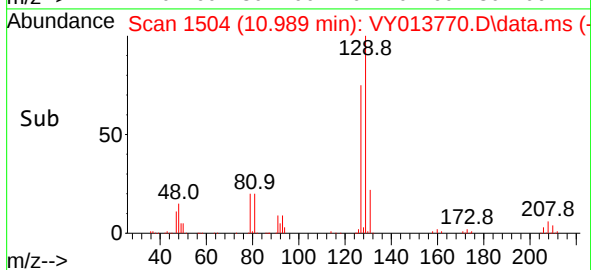
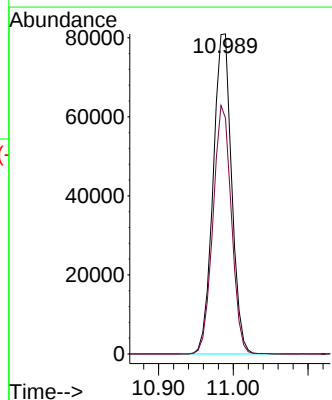
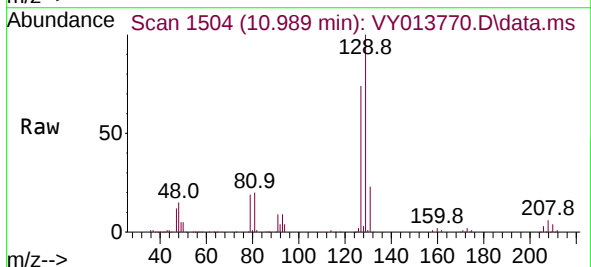
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

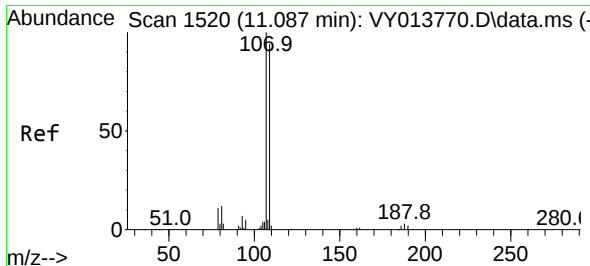
Tgt Ion: 43 Resp: 490002
Ion Ratio Lower Upper
43 100
58 49.6 24.8 74.4



#60
Dibromochloromethane
Concen: 51.509 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 129 Resp: 139249
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

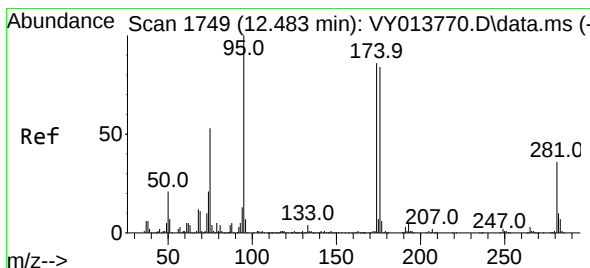
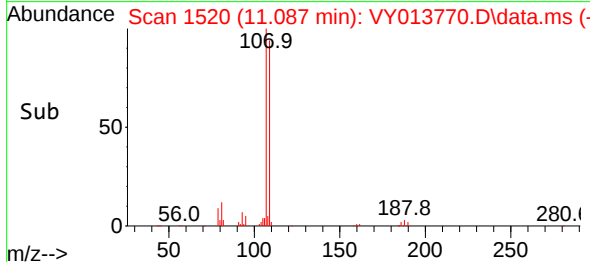
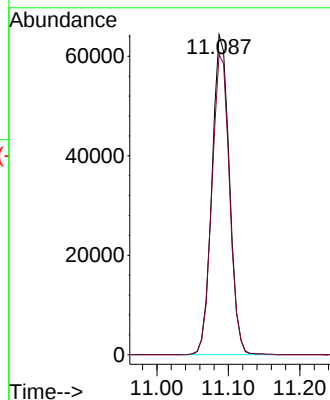
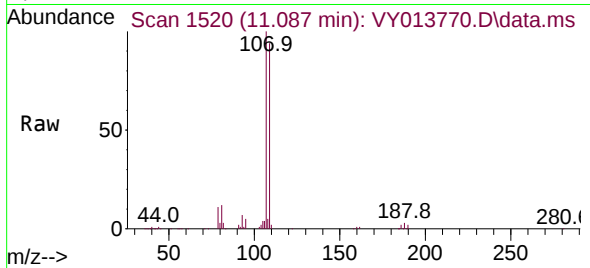




#61
1,2-Dibromoethane
Concen: 51.601 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

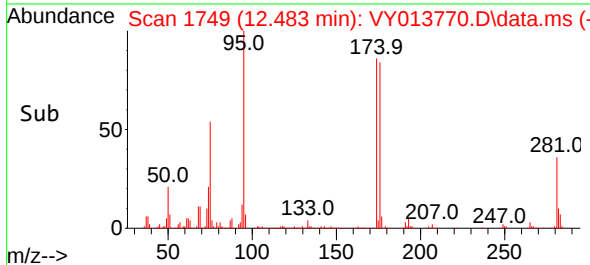
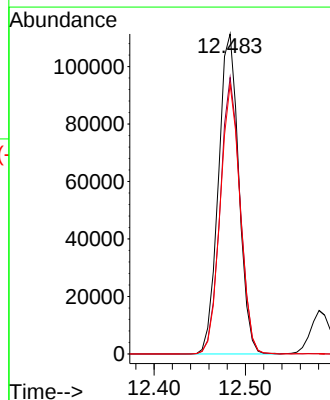
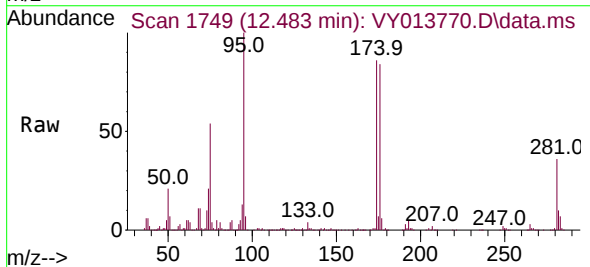
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

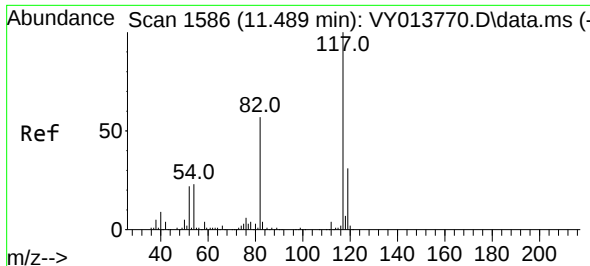
Tgt Ion:107 Resp: 108560
Ion Ratio Lower Upper
107 100
109 95.3 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 51.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 95 Resp: 172358
Ion Ratio Lower Upper
95 100
174 84.4 0.0 168.8
176 82.6 0.0 165.2

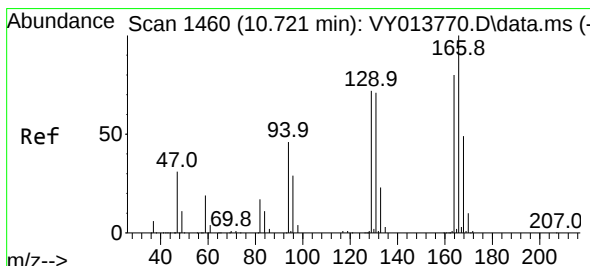
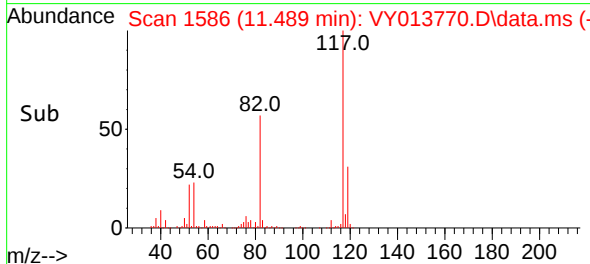
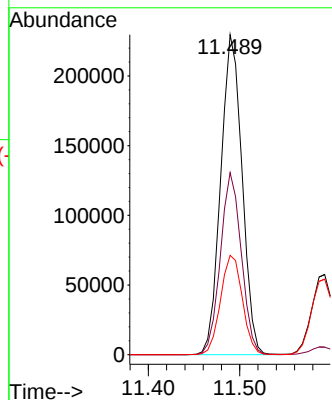
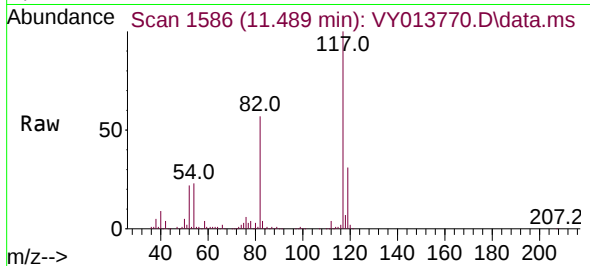




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

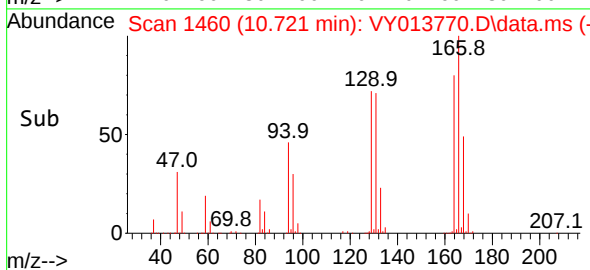
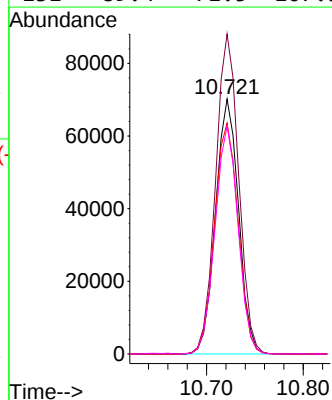
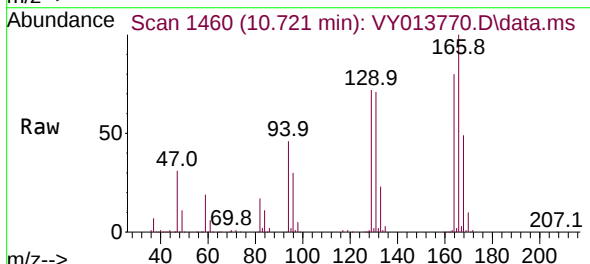
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

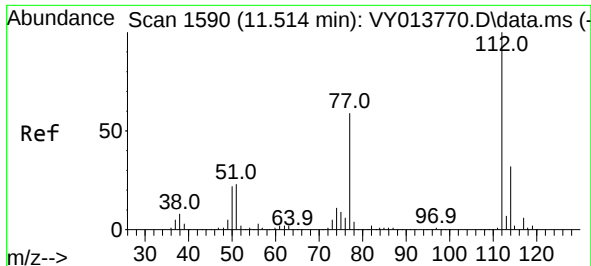
Tgt Ion:117 Resp: 373037
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 31.0 24.8 37.2



#64
Tetrachloroethene
Concen: 48.955 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion:164 Resp: 115848
Ion Ratio Lower Upper
164 100
166 125.6 100.5 150.7
129 90.6 72.5 108.7
131 89.4 71.5 107.3

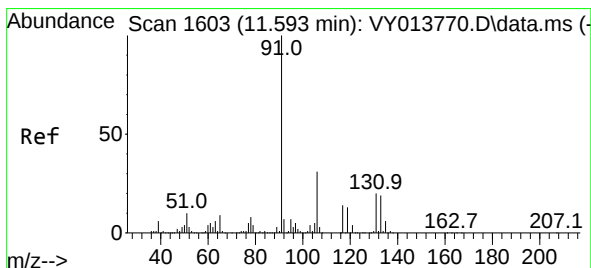
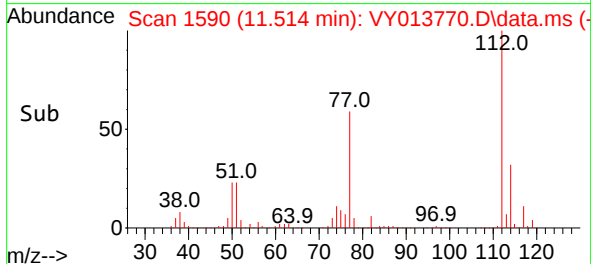
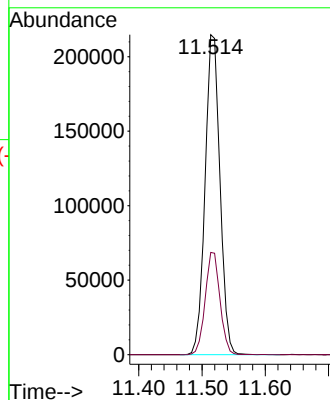
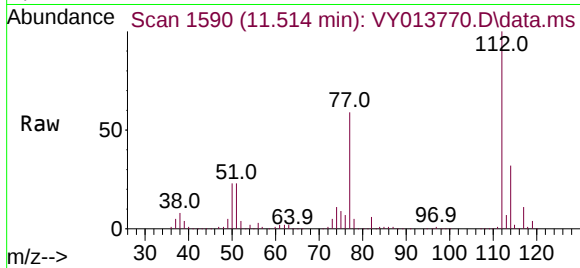




#65
Chlorobenzene
Concen: 49.810 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

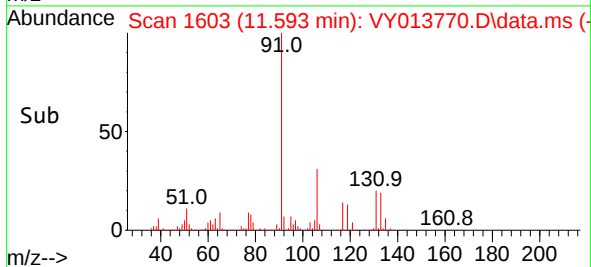
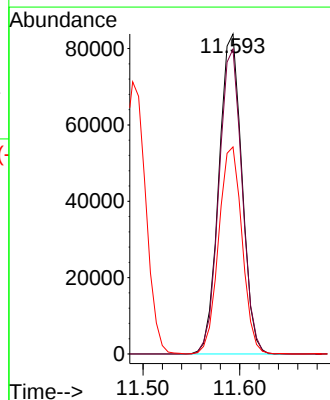
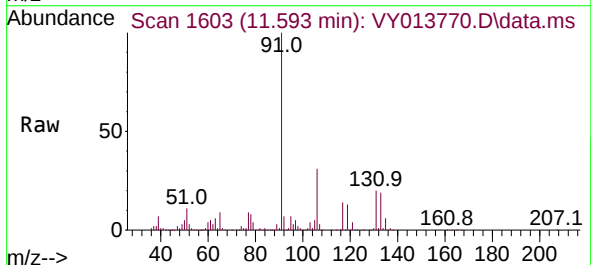
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

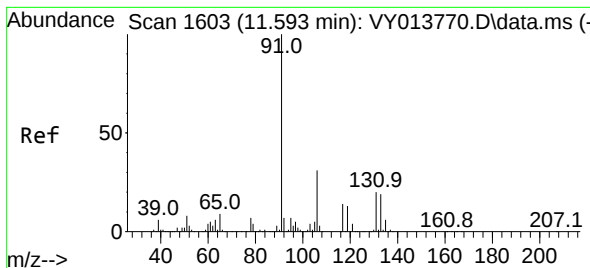
Tgt Ion:112 Resp: 351695
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.465 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion:131 Resp: 138451
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 65.8 32.9 98.7

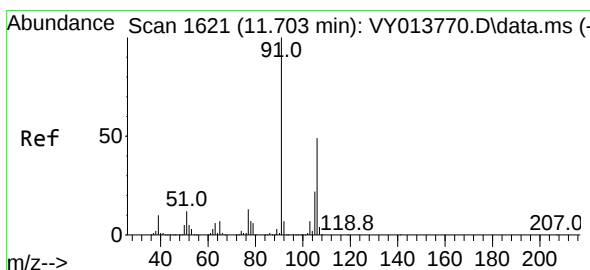
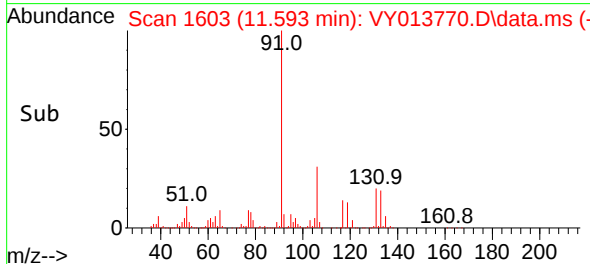
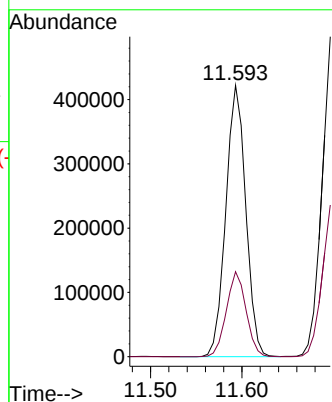
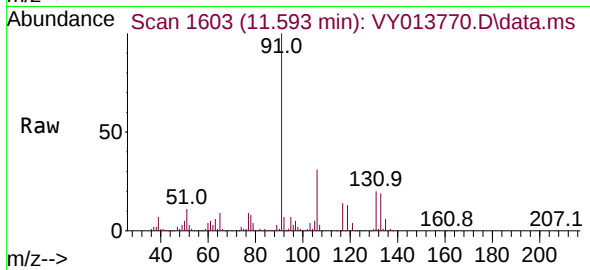




#67
Ethyl Benzene
Concen: 51.050 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

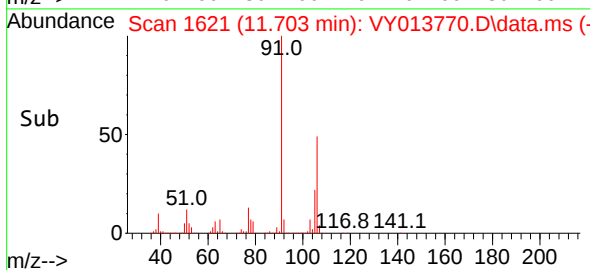
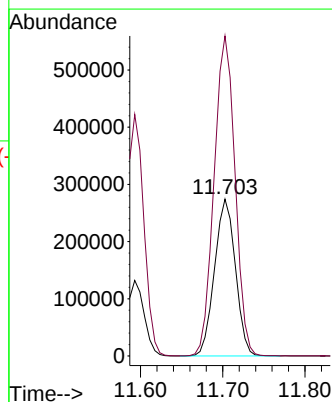
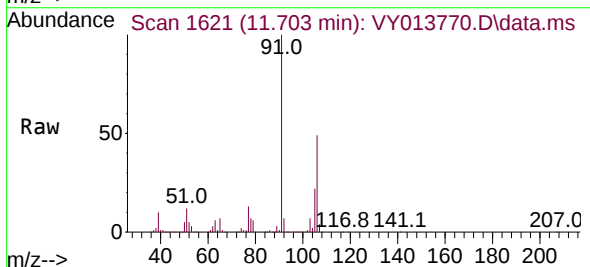
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

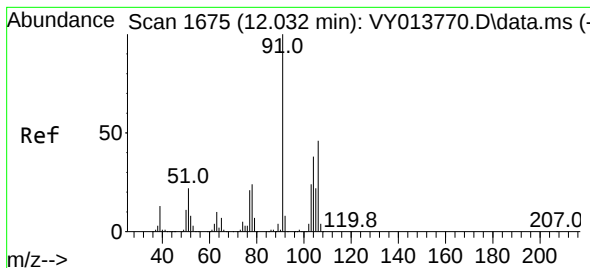
Tgt Ion: 91 Resp: 640507
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 102.983 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 106 Resp: 483953
Ion Ratio Lower Upper
106 100
91 205.0 164.0 246.0

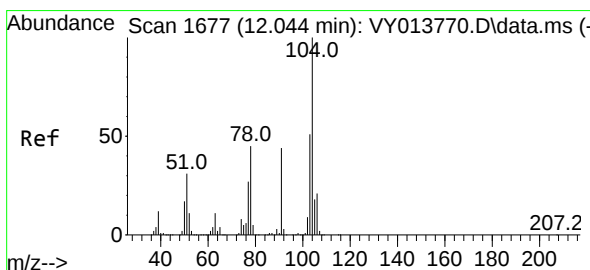
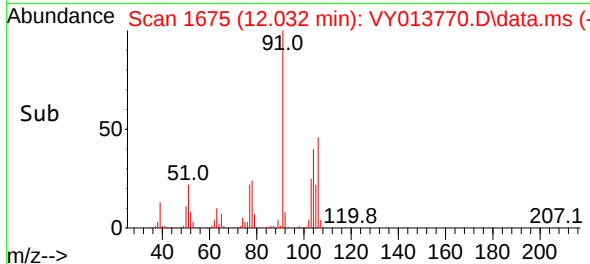
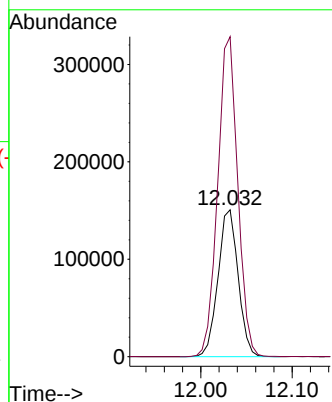
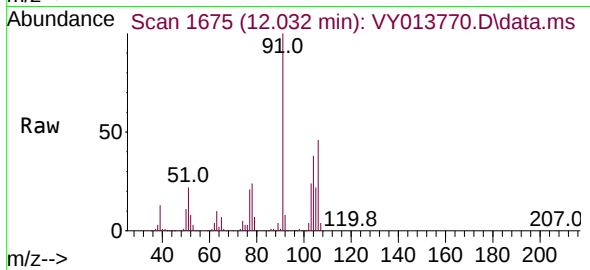




#69
o-Xylene
Concen: 51.749 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

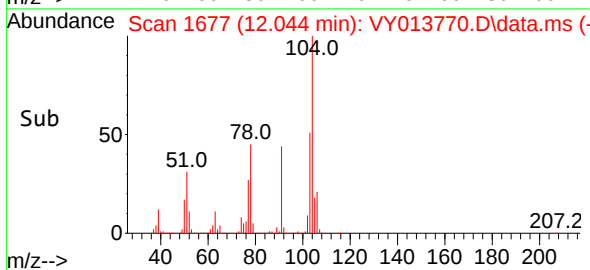
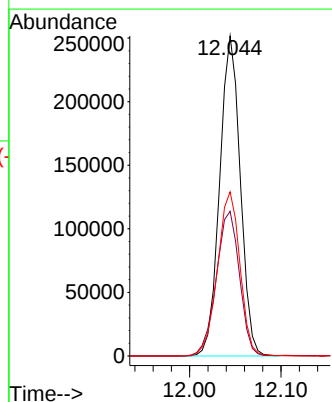
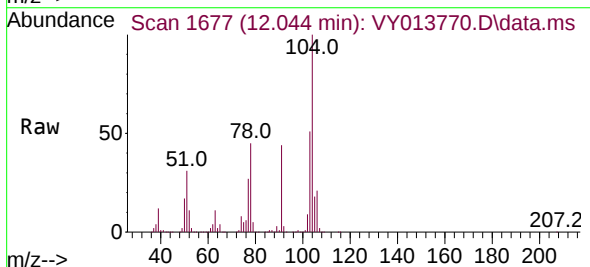
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

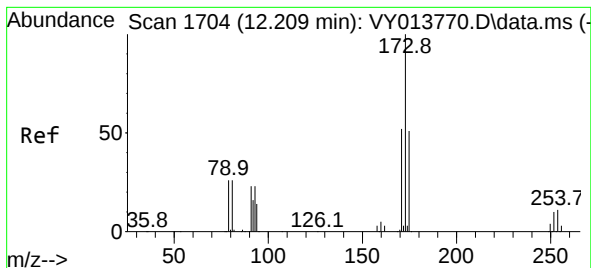
Tgt Ion:106 Resp: 231336
Ion Ratio Lower Upper
106 100
91 216.8 108.4 325.2



#70
Styrene
Concen: 52.002 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion:104 Resp: 394828
Ion Ratio Lower Upper
104 100
78 50.8 40.6 61.0
103 55.7 44.6 66.8





#71

Bromoform

Concen: 51.631 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

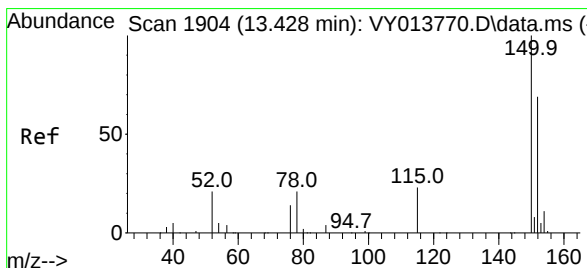
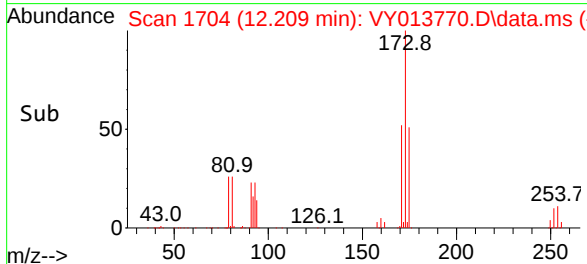
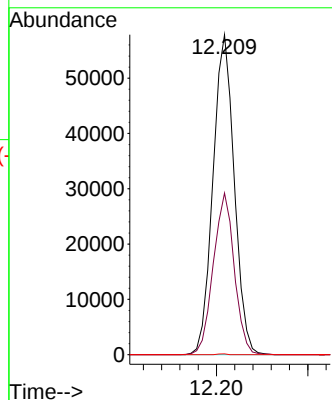
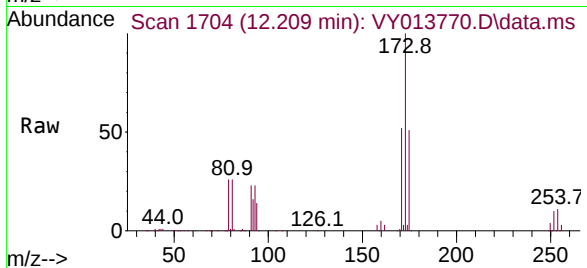
Tgt Ion:173 Resp: 93580

Ion Ratio Lower Upper

173 100

175 49.8 24.9 74.7

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

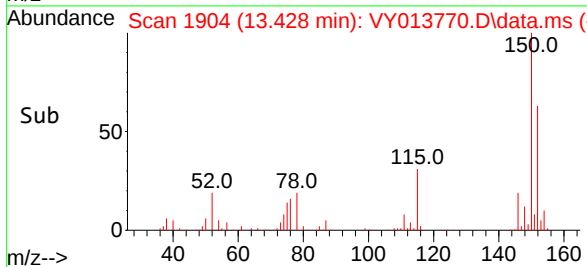
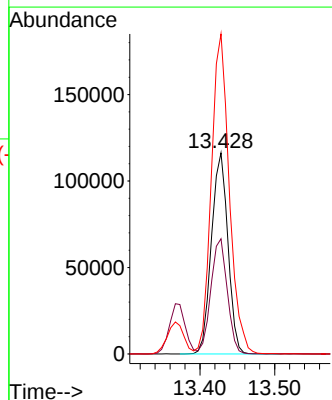
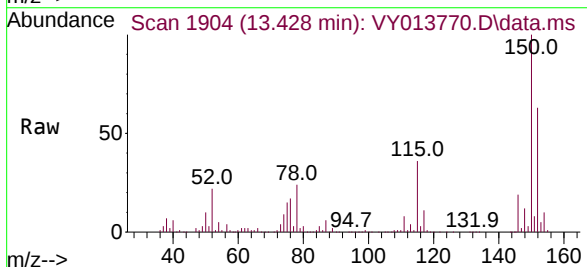
Tgt Ion:152 Resp: 177710

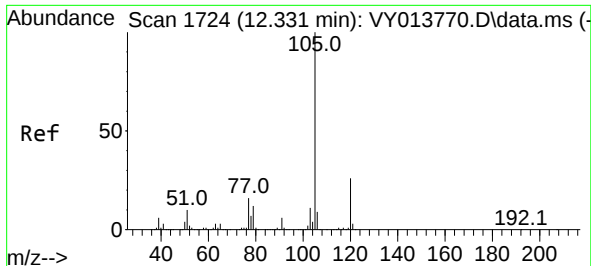
Ion Ratio Lower Upper

152 100

115 57.0 28.5 85.5

150 173.5 0.0 347.0

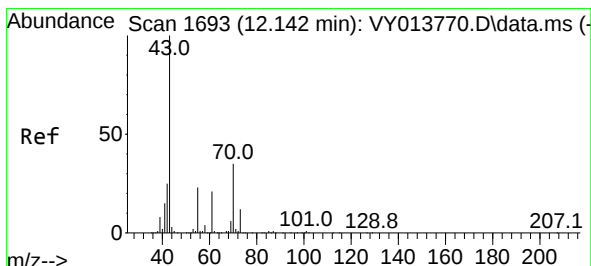
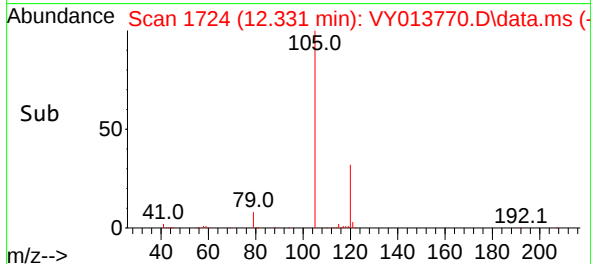
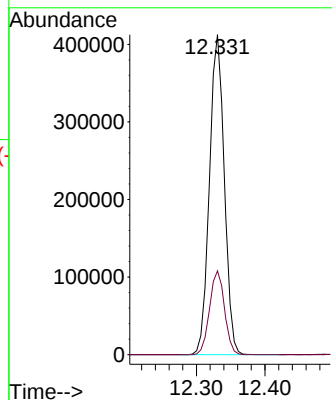
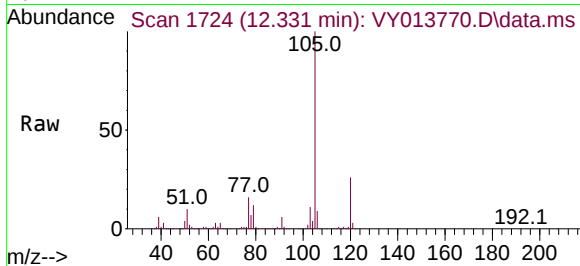




#73
Isopropylbenzene
Concen: 51.629 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

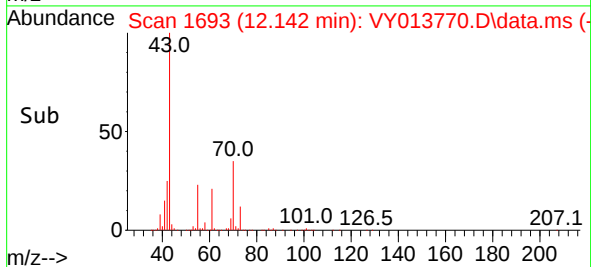
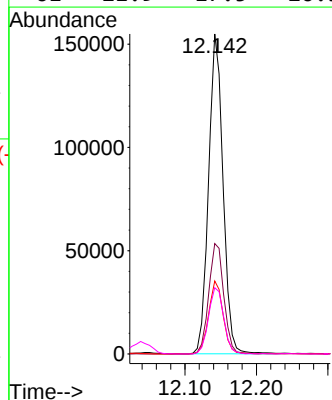
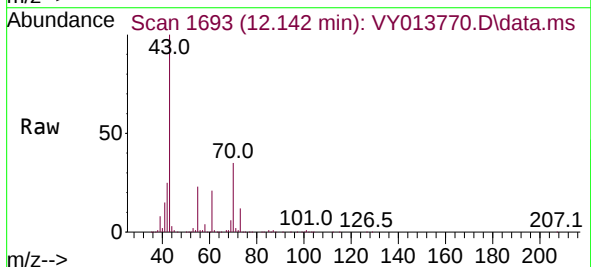
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

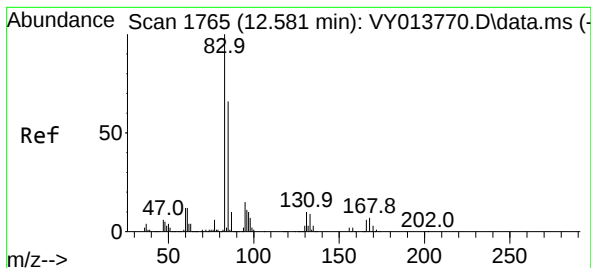
Tgt Ion:105 Resp: 621139
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 53.214 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 43 Resp: 217260
Ion Ratio Lower Upper
43 100
70 36.0 28.8 43.2
55 23.1 18.5 27.7
61 21.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.605 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

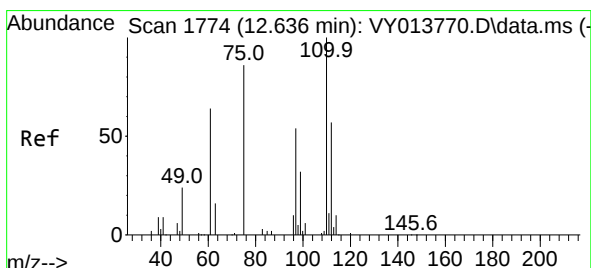
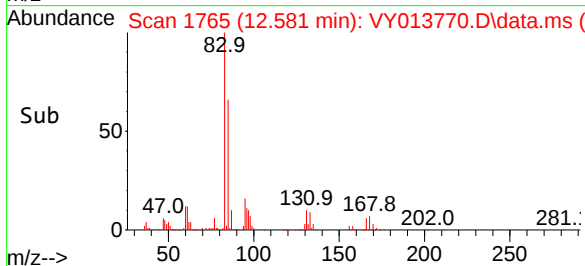
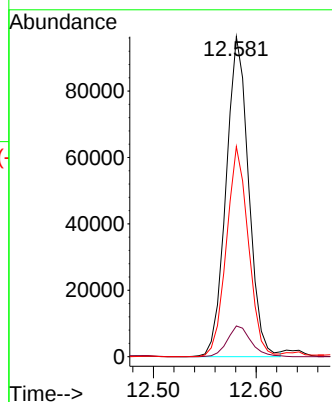
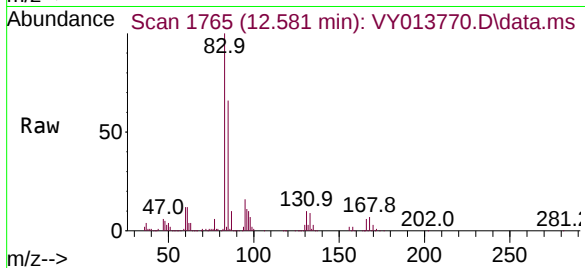
Tgt Ion: 83 Resp: 147075

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 87.703 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY013770.D

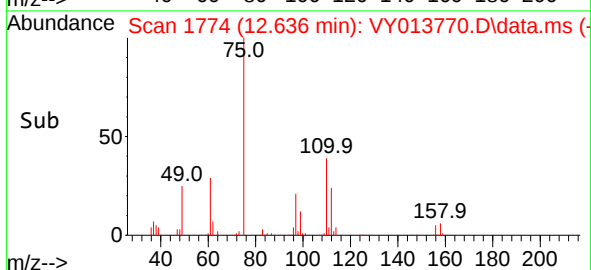
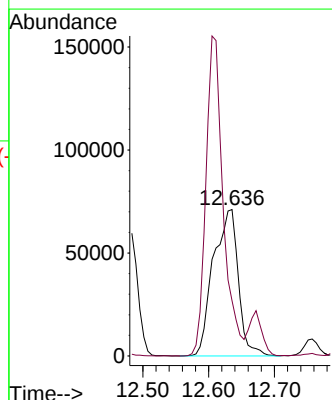
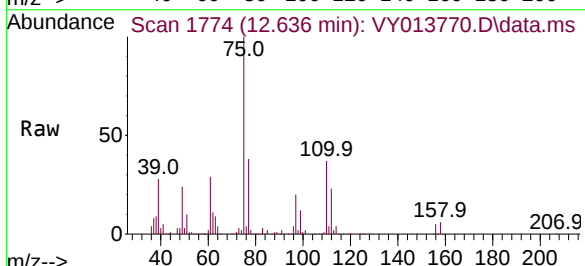
Acq: 17 May 2023 11:22

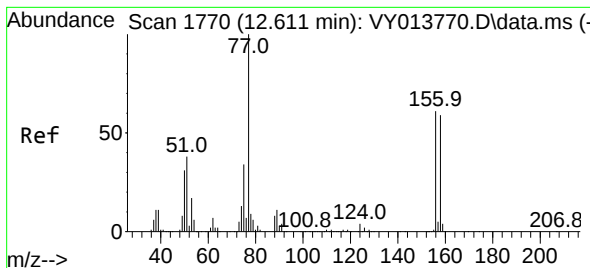
Tgt Ion: 75 Resp: 188169

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.607 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

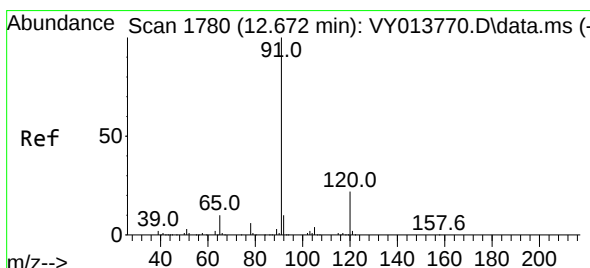
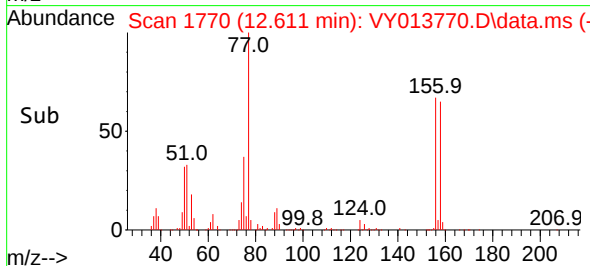
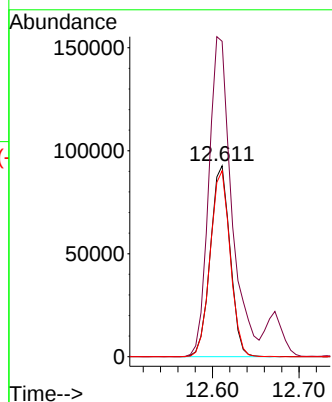
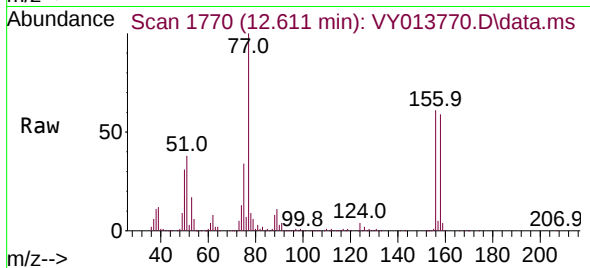
Tgt Ion:156 Resp: 146870

Ion Ratio Lower Upper

156 100

77 194.2 97.1 291.3

158 98.2 49.1 147.3



#78

n-propylbenzene

Concen: 51.970 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013770.D

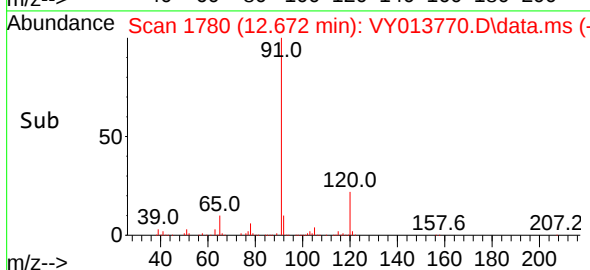
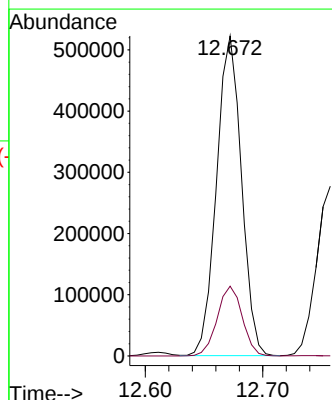
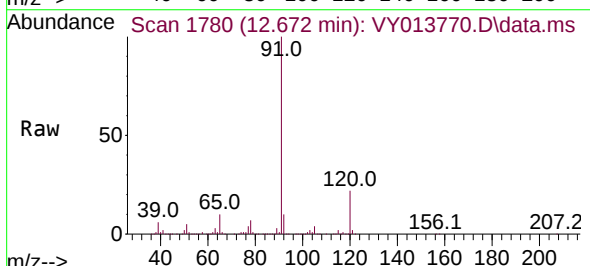
Acq: 17 May 2023 11:22

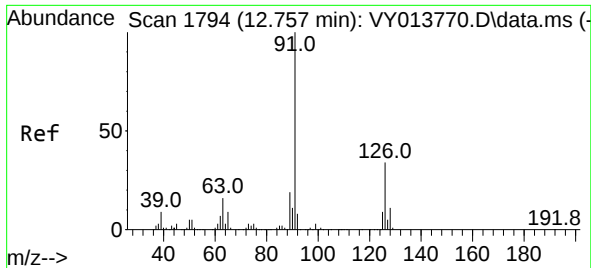
Tgt Ion: 91 Resp: 770201

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.9

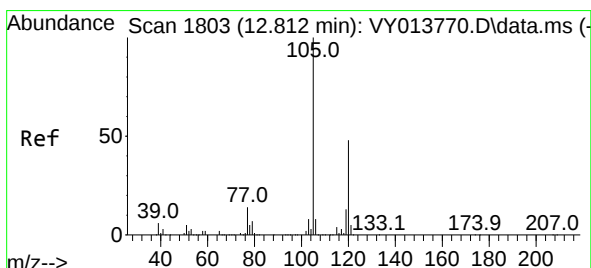
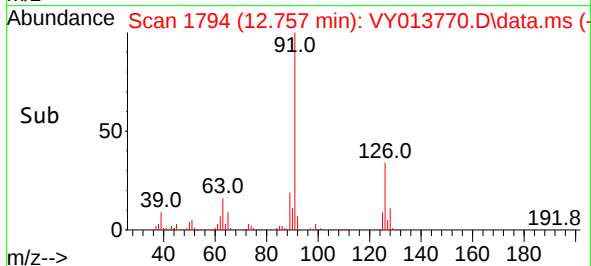
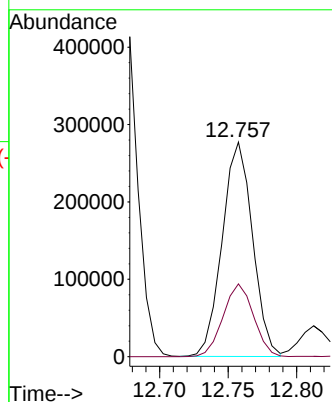
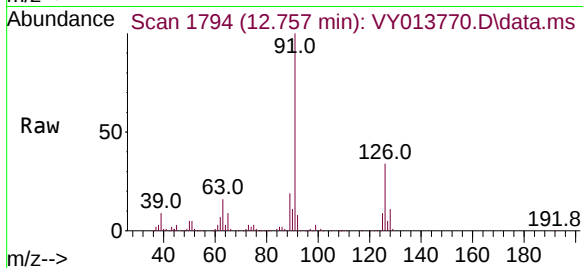




#79
2-Chlorotoluene
Concen: 51.092 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

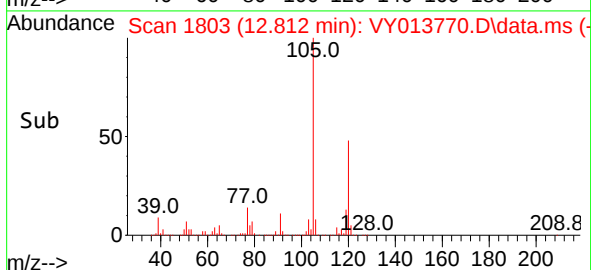
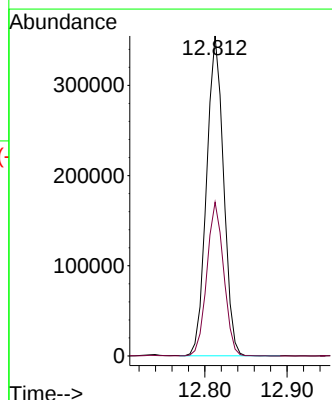
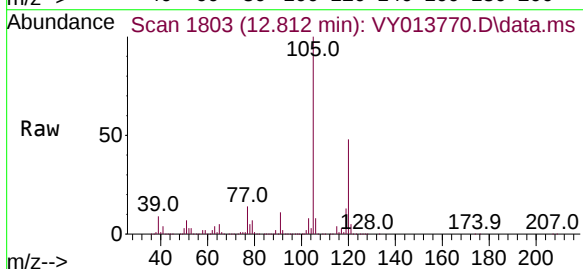
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

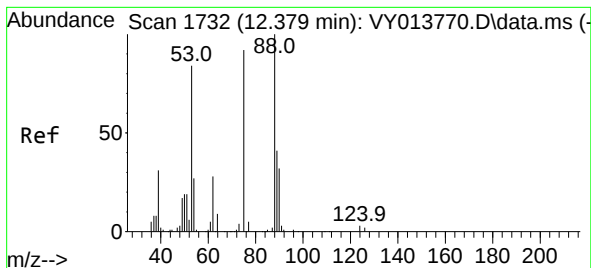
Tgt Ion: 91 Resp: 427338
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 51.895 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 105 Resp: 509097
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5

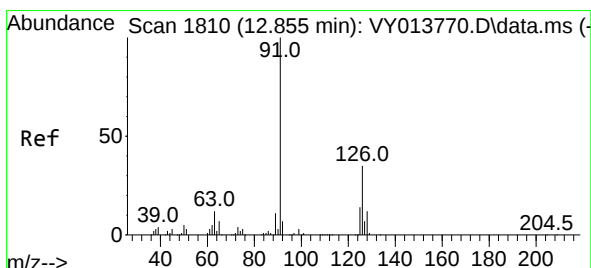
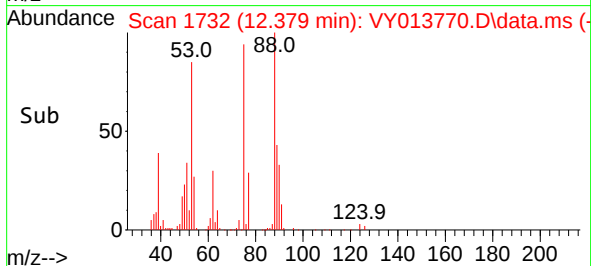
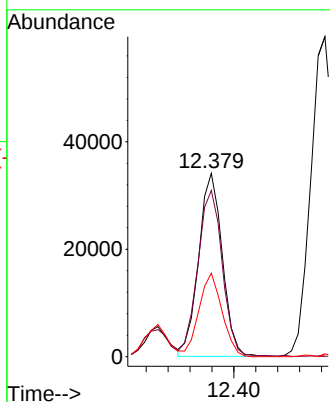
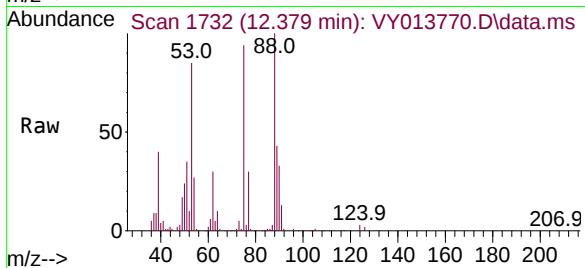




#81
trans-1,4-Dichloro-2-butene
Concen: 52.747 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

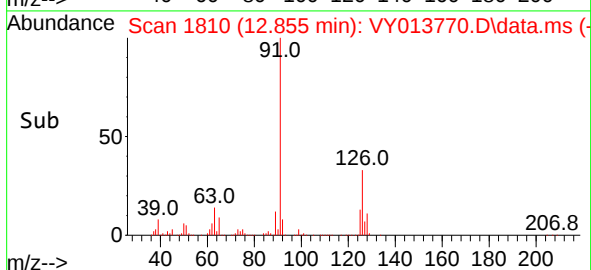
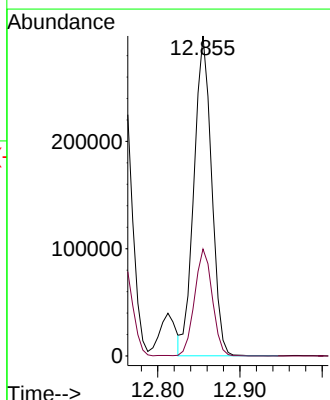
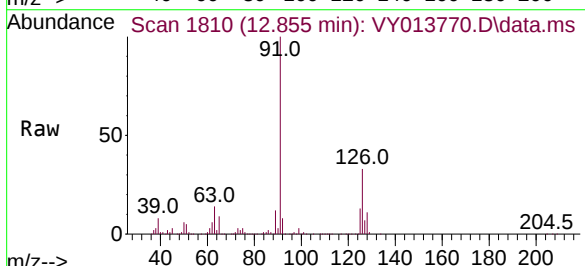
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

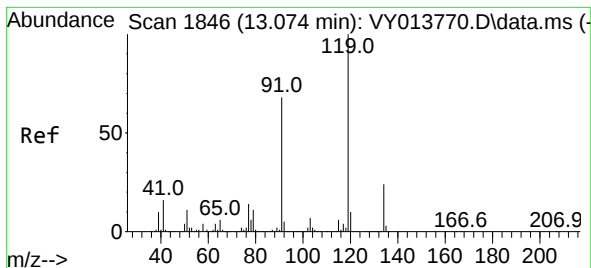
Tgt Ion: 75 Resp: 50956
Ion Ratio Lower Upper
75 100
53 94.1 75.3 112.9
89 44.3 35.4 53.2



#82
4-Chlorotoluene
Concen: 50.970 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 91 Resp: 444086
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4





#83

tert-Butylbenzene

Concen: 51.513 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

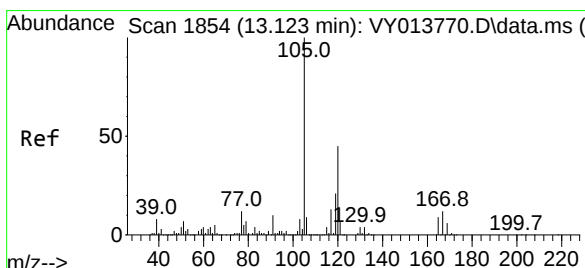
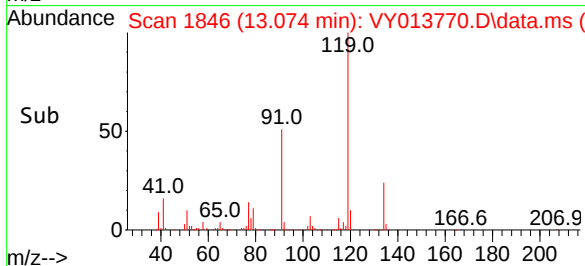
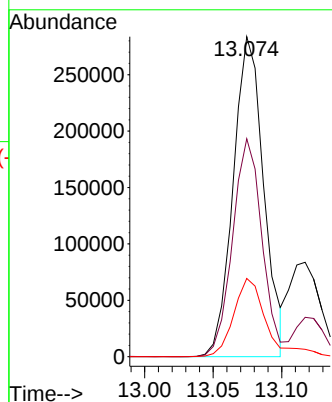
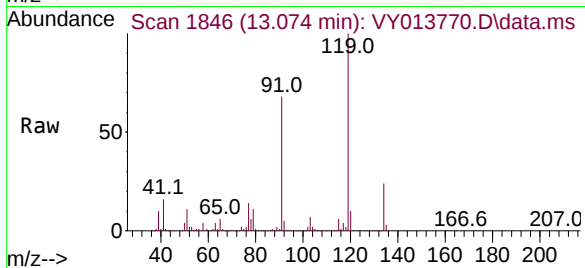
Tgt Ion:119 Resp: 440076

Ion Ratio Lower Upper

119 100

91 66.6 33.3 99.9

134 26.1 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 51.879 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013770.D

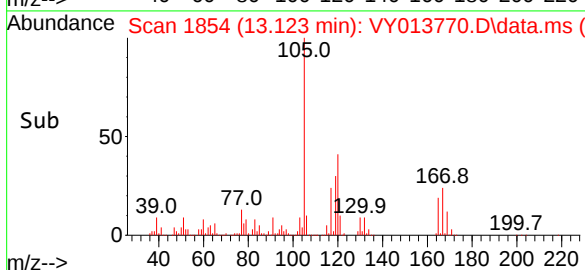
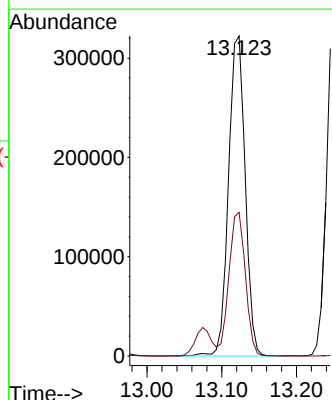
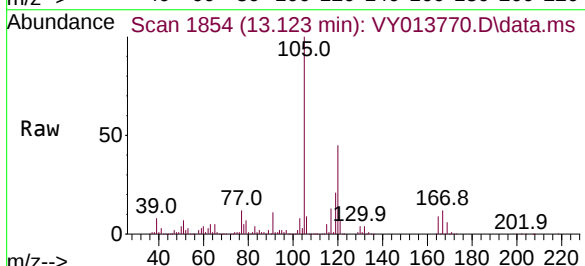
Acq: 17 May 2023 11:22

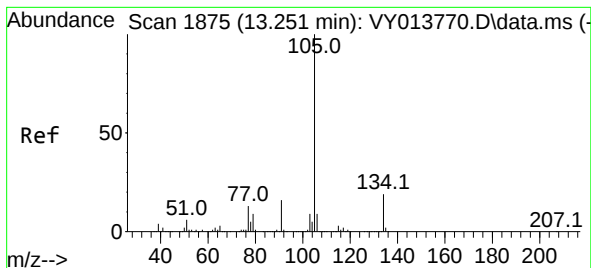
Tgt Ion:105 Resp: 498815

Ion Ratio Lower Upper

105 100

120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.437 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

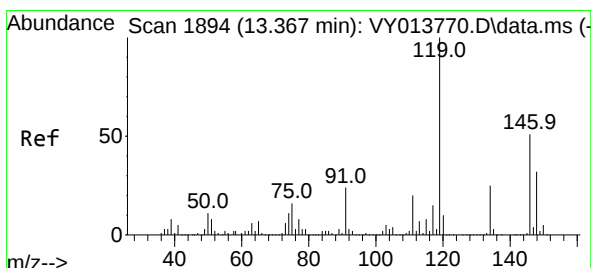
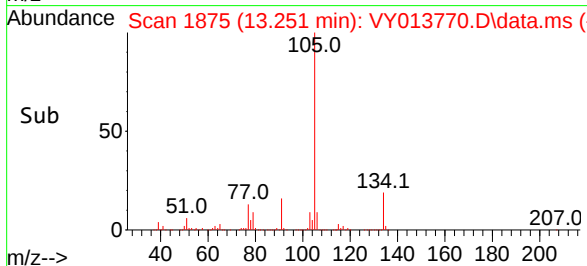
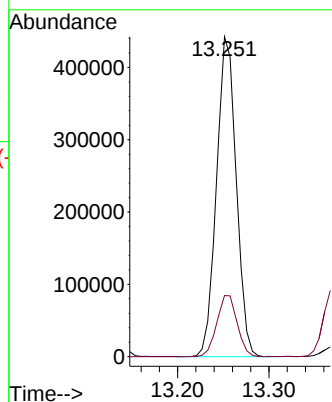
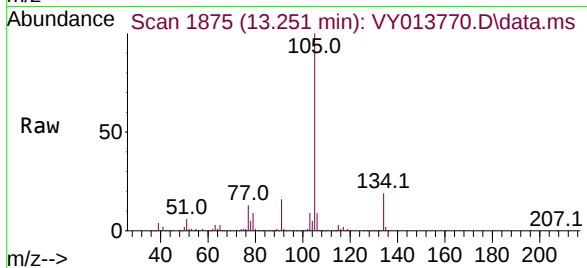
VSTDICCC050

Tgt Ion:105 Resp: 663014

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 51.589 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

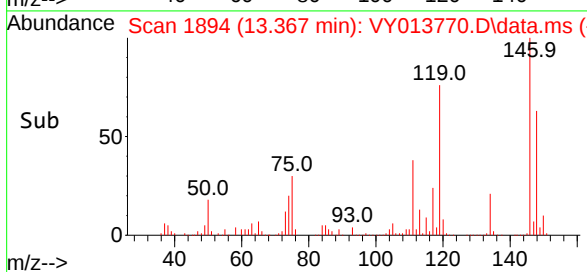
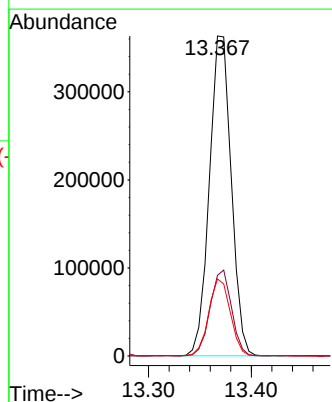
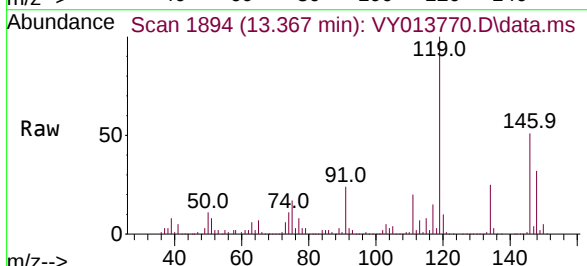
Tgt Ion:119 Resp: 536966

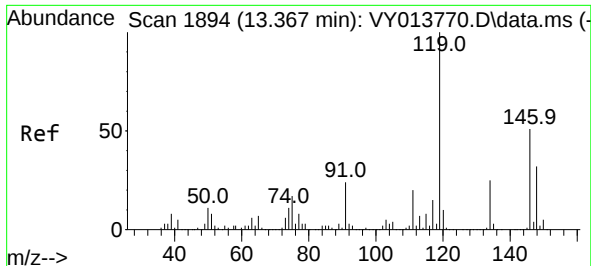
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.6 11.8 35.4

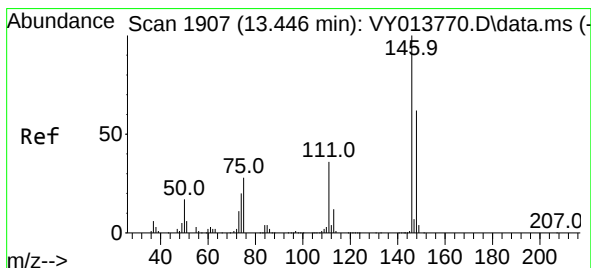
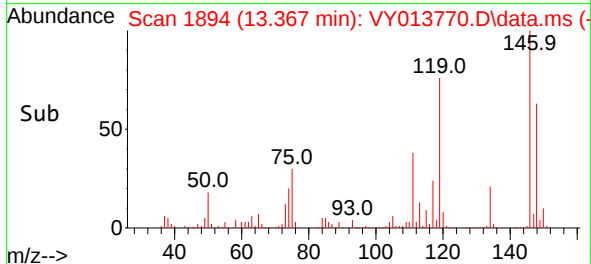
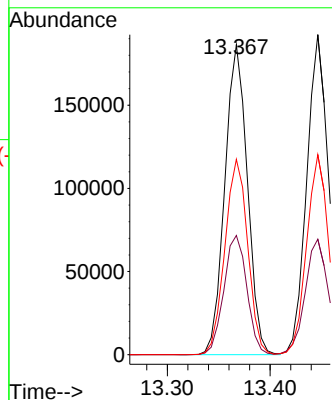
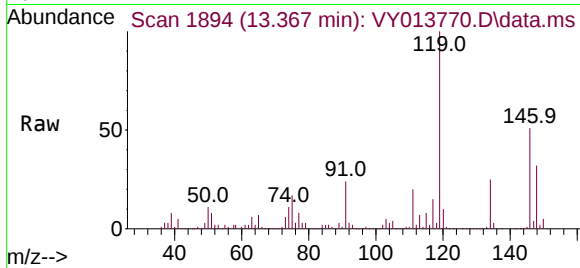




#87
1,3-Dichlorobenzene
Concen: 50.320 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

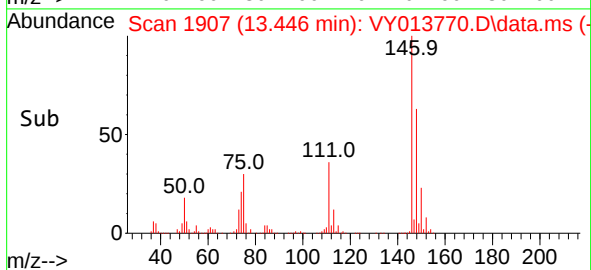
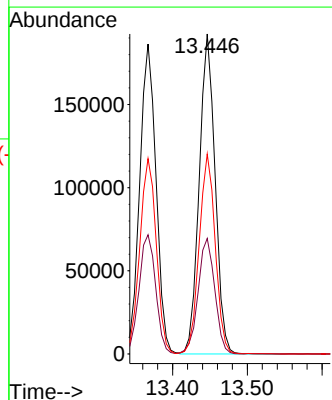
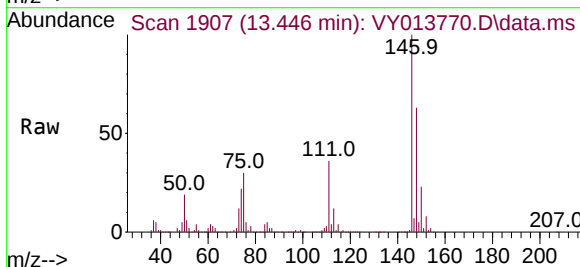
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

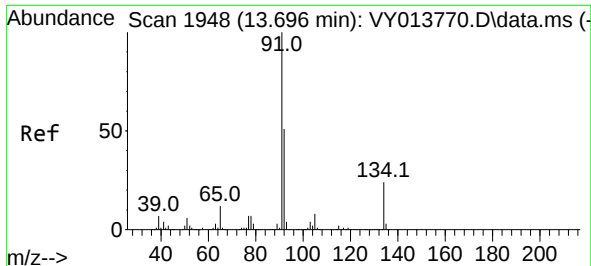
Tgt Ion:146 Resp: 284302
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.957 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion:146 Resp: 283810
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 63.1 31.6 94.7

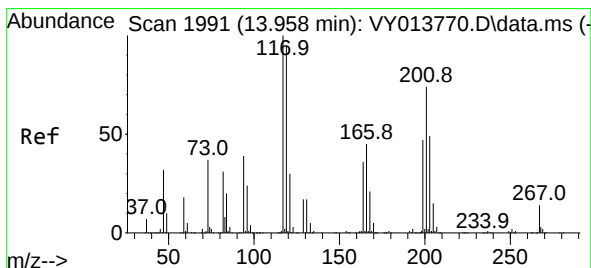
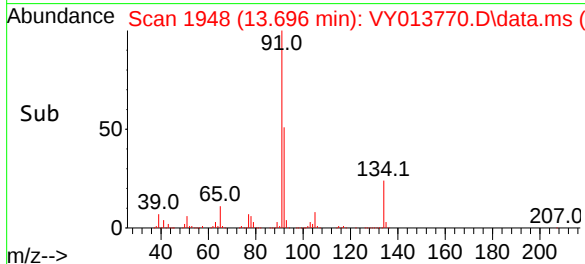
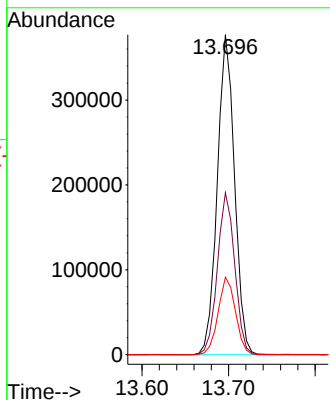
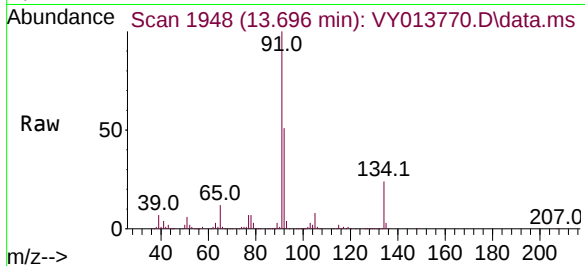




#89
n-Butylbenzene
Concen: 51.112 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

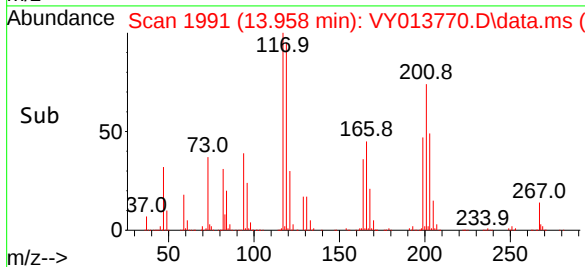
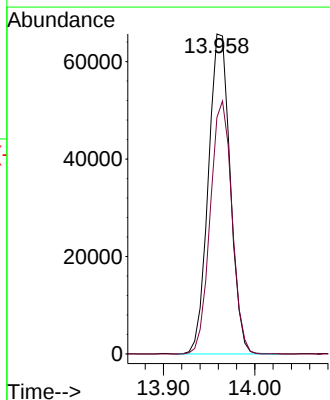
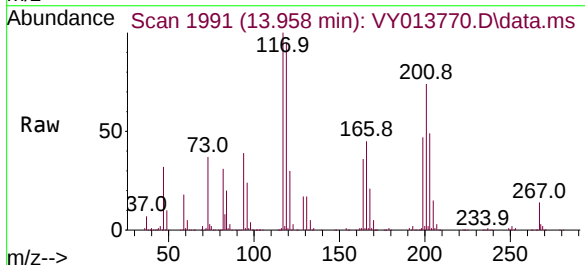
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

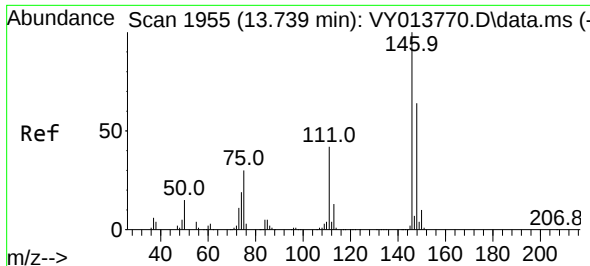
Tgt Ion: 91 Resp: 521575
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.4
134 24.4 12.2 36.6



#90
Hexachloroethane
Concen: 49.593 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013770.D
Acq: 17 May 2023 11:22

Tgt Ion: 117 Resp: 109079
Ion Ratio Lower Upper
117 100
201 78.4 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 51.052 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

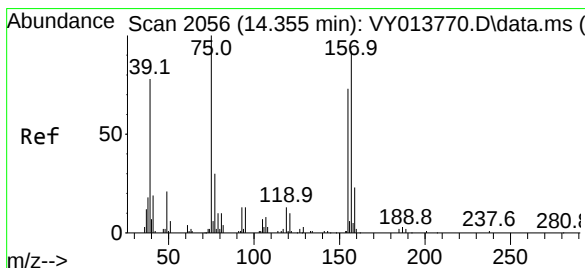
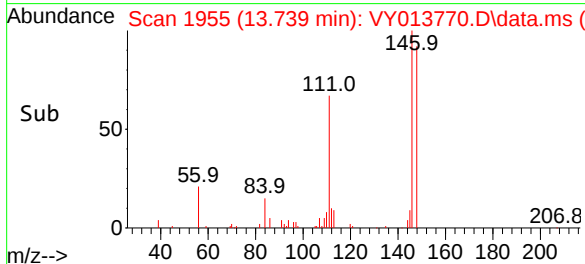
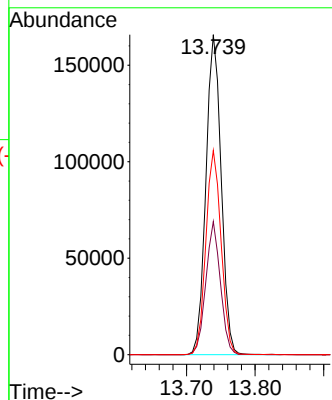
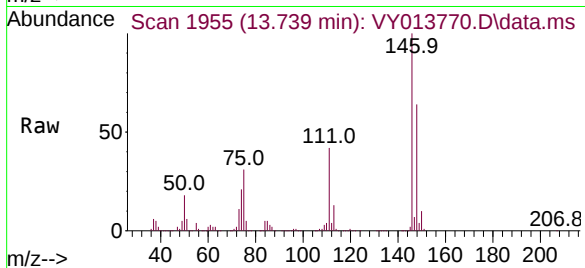
Tgt Ion:146 Resp: 256847

Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.434 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

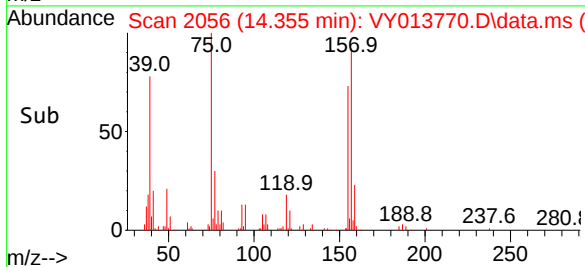
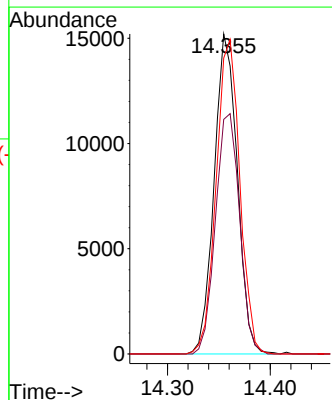
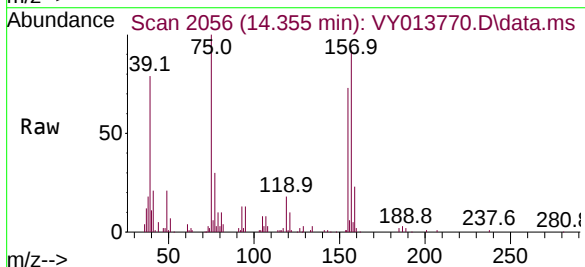
Tgt Ion: 75 Resp: 23752

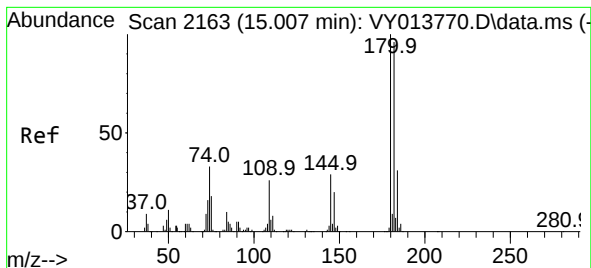
Ion Ratio Lower Upper

75 100

155 78.2 39.1 117.3

157 100.5 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 49.365 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

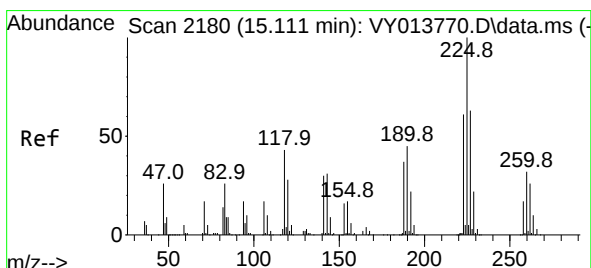
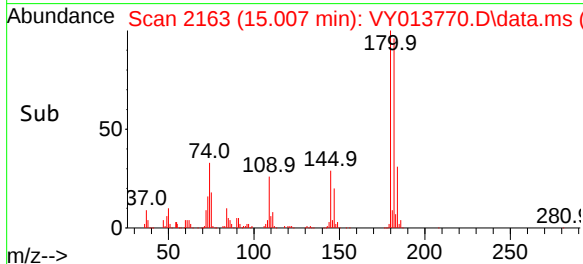
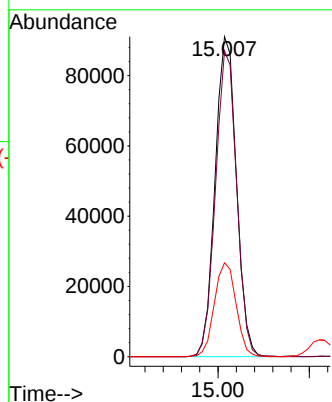
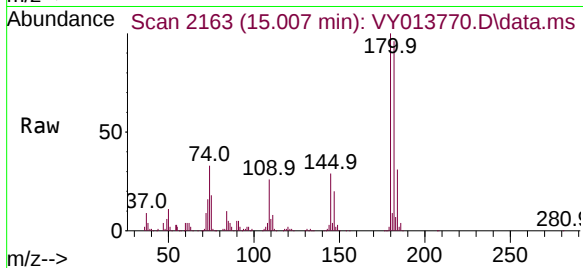
Tgt Ion:180 Resp: 147384

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 29.9 14.9 44.9



#94

Hexachlorobutadiene

Concen: 48.008 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

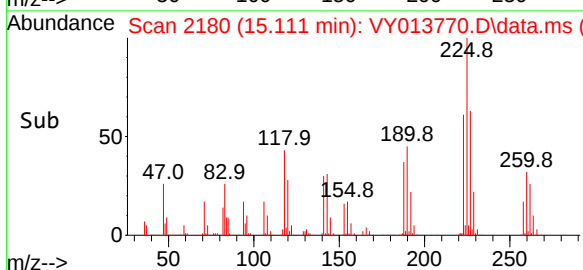
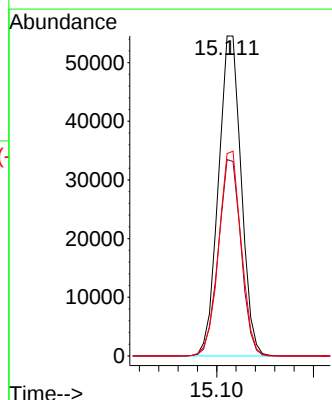
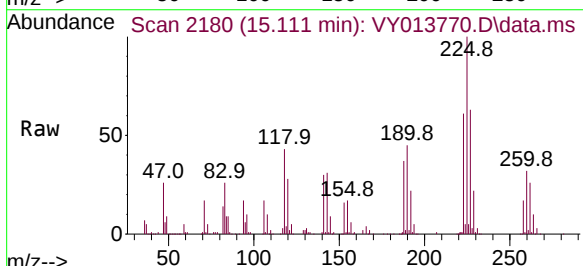
Tgt Ion:225 Resp: 89039

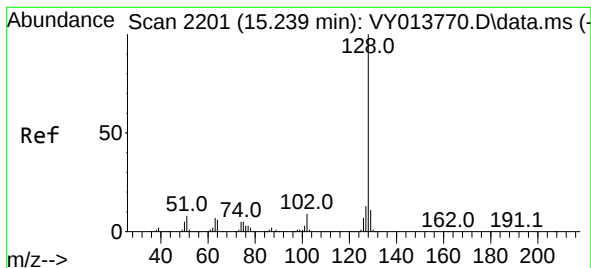
Ion Ratio Lower Upper

225 100

223 61.1 30.6 91.6

227 63.1 31.6 94.7





#95

Naphthalene

Concen: 51.079 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

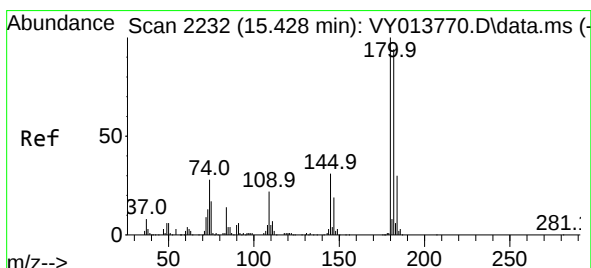
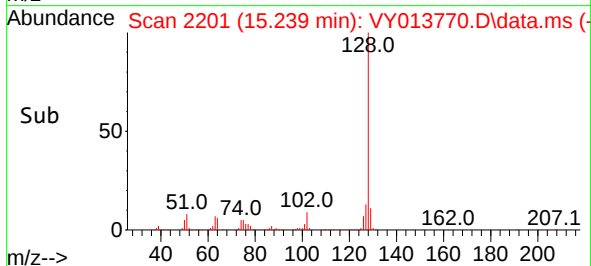
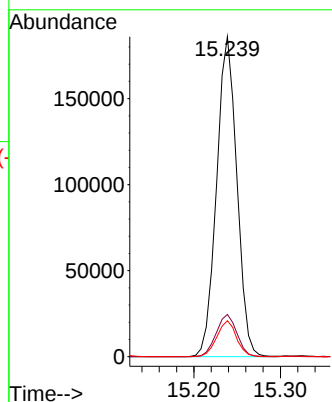
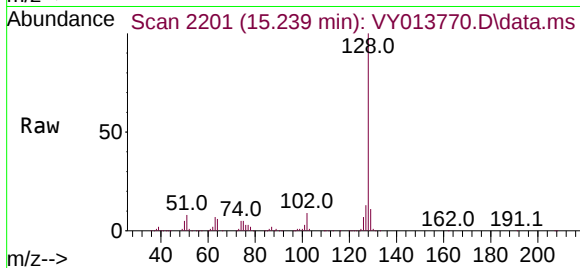
Tgt Ion:128 Resp: 302675

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.957 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY013770.D

Acq: 17 May 2023 11:22

Tgt Ion:180 Resp: 131508

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.4

145 31.1 15.6 46.7

