

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013831.D
 Acq On : 23 May 2023 12:30
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: May 24 05:05:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:01:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	272611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	410856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	367664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	151565	48.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.120%
35) Dibromofluoromethane	7.722	113	132752	50.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.185	98	489562	48.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.483	95	168352	50.223	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	142917	57.233	ug/l	100
3) Chloromethane	2.119	50	160360	52.713	ug/l	100
4) Vinyl Chloride	2.259	62	168506	54.164	ug/l	100
5) Bromomethane	2.662	94	119049	48.154	ug/l	100
6) Chloroethane	2.802	64	103411	51.011	ug/l	100
7) Trichlorofluoromethane	3.131	101	276775	52.861	ug/l	100
8) Diethyl Ether	3.534	74	85188	53.045	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	146323	51.552	ug/l	100
10) Methyl Iodide	4.101	142	192183	57.033	ug/l	100
11) Tert butyl alcohol	4.972	59	22155	91.701	ug/l #	50
12) 1,1-Dichloroethene	3.881	96	142225	53.336	ug/l	100
13) Acrolein	3.735	56	88365	243.147	ug/l	100
14) Allyl chloride	4.485	41	245496	50.428	ug/l	100
15) Acrylonitrile	5.174	53	213910	259.781	ug/l	100
16) Acetone	3.960	43	239069	255.400	ug/l	100
17) Carbon Disulfide	4.204	76	438724	55.119	ug/l	100
18) Methyl Acetate	4.491	43	164166	50.552	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	383805	52.741	ug/l	100
20) Methylene Chloride	4.728	84	162897	49.031	ug/l	100
21) trans-1,2-Dichloroethene	5.228	96	151150	52.144	ug/l	100
22) Diisopropyl ether	6.125	45	489942	52.124	ug/l	100
23) Vinyl Acetate	6.070	43	1485140	271.277	ug/l	100
24) 1,1-Dichloroethane	6.027	63	275821	50.265	ug/l	100
25) 2-Butanone	6.996	43	297403	260.375	ug/l	100
26) 2,2-Dichloropropane	6.990	77	251113	50.804	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	169747	52.129	ug/l	100
28) Bromochloromethane	7.344	49	74765	46.420	ug/l	100
29) Tetrahydrofuran	7.356	42	190637	279.546	ug/l	100
30) Chloroform	7.515	83	282171	50.720	ug/l	100
31) Cyclohexane	7.795	56	250487	51.693	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	261158	51.457	ug/l	100
36) 1,1-Dichloropropene	7.923	75	217784	53.889	ug/l	100
37) Ethyl Acetate	7.082	43	137757	55.881	ug/l	100
38) Carbon Tetrachloride	7.905	117	241617	52.572	ug/l	100
39) Methylcyclohexane	9.191	83	263545	55.684	ug/l	100
40) Benzene	8.167	78	611966	52.721	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	63697	47.357	ug/l	100
42) 1,2-Dichloroethane	8.246	62	200700	52.809	ug/l	100
43) Isopropyl Acetate	8.277	43	243279	54.155	ug/l	100
44) Trichloroethene	8.947	130	163606	52.316	ug/l	100
45) 1,2-Dichloropropane	9.222	63	154488	51.954	ug/l	100
46) Dibromomethane	9.313	93	90103	52.909	ug/l	100
47) Bromodichloromethane	9.502	83	213917	51.544	ug/l	100
48) Methyl methacrylate	9.295	41	118524	56.187	ug/l	100
49) 1,4-Dioxane	9.313	88	22254	1111.899	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	667619	278.872	ug/l	100
52) Toluene	10.246	92	375386	53.040	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	227259	53.795	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	251983	53.243	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	121577	53.065	ug/l	100
56) Ethyl methacrylate	10.514	69	171683	56.136	ug/l	100
57) 1,3-Dichloropropane	10.794	76	209194	53.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	224974	230.542	ug/l	100
59) 2-Hexanone	10.837	43	484264	284.379	ug/l	100
60) Dibromochloromethane	10.983	129	153517	52.970	ug/l	100
61) 1,2-Dibromoethane	11.093	107	117895	54.092	ug/l	100
64) Tetrachloroethene	10.721	164	143121	52.611	ug/l	100
65) Chlorobenzene	11.520	112	398846	51.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	153253	51.529	ug/l	100
67) Ethyl Benzene	11.593	91	735094	53.010	ug/l	100
68) m/p-Xylenes	11.703	106	560017	106.713	ug/l	100
69) o-Xylene	12.032	106	261673	52.935	ug/l	100
70) Styrene	12.044	104	445174	53.164	ug/l	100
71) Bromoform	12.209	173	102909	52.941	ug/l	100
73) Isopropylbenzene	12.331	105	703072	53.174	ug/l	100
74) N-amyl acetate	12.142	43	220703	55.519	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	146695	53.595	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	195253	93.214	ug/l #	100
77) Bromobenzene	12.611	156	170004	52.401	ug/l	100
78) n-propylbenzene	12.672	91	871852	53.375	ug/l	100
79) 2-Chlorotoluene	12.758	91	471117	51.635	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	588133	53.887	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	53471	55.411	ug/l	100
82) 4-Chlorotoluene	12.855	91	485146	51.445	ug/l	100
83) tert-Butylbenzene	13.075	119	499707	52.569	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	573446	53.526	ug/l	100
85) sec-Butylbenzene	13.251	105	751953	53.253	ug/l	100
86) p-Isopropyltoluene	13.367	119	618436	52.990	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	325584	51.960	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	320536	51.382	ug/l	100
89) n-Butylbenzene	13.696	91	592200	52.914	ug/l	100
90) Hexachloroethane	13.959	117	121184	50.573	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	289983	52.073	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25932	54.078	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	181792	52.659	ug/l	100
94) Hexachlorobutadiene	15.111	225	110923	50.959	ug/l	100
95) Naphthalene	15.239	128	368906	48.779	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	162114	52.805	ug/l	100

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QLast Update : Wed May 24 05:01:28 2023
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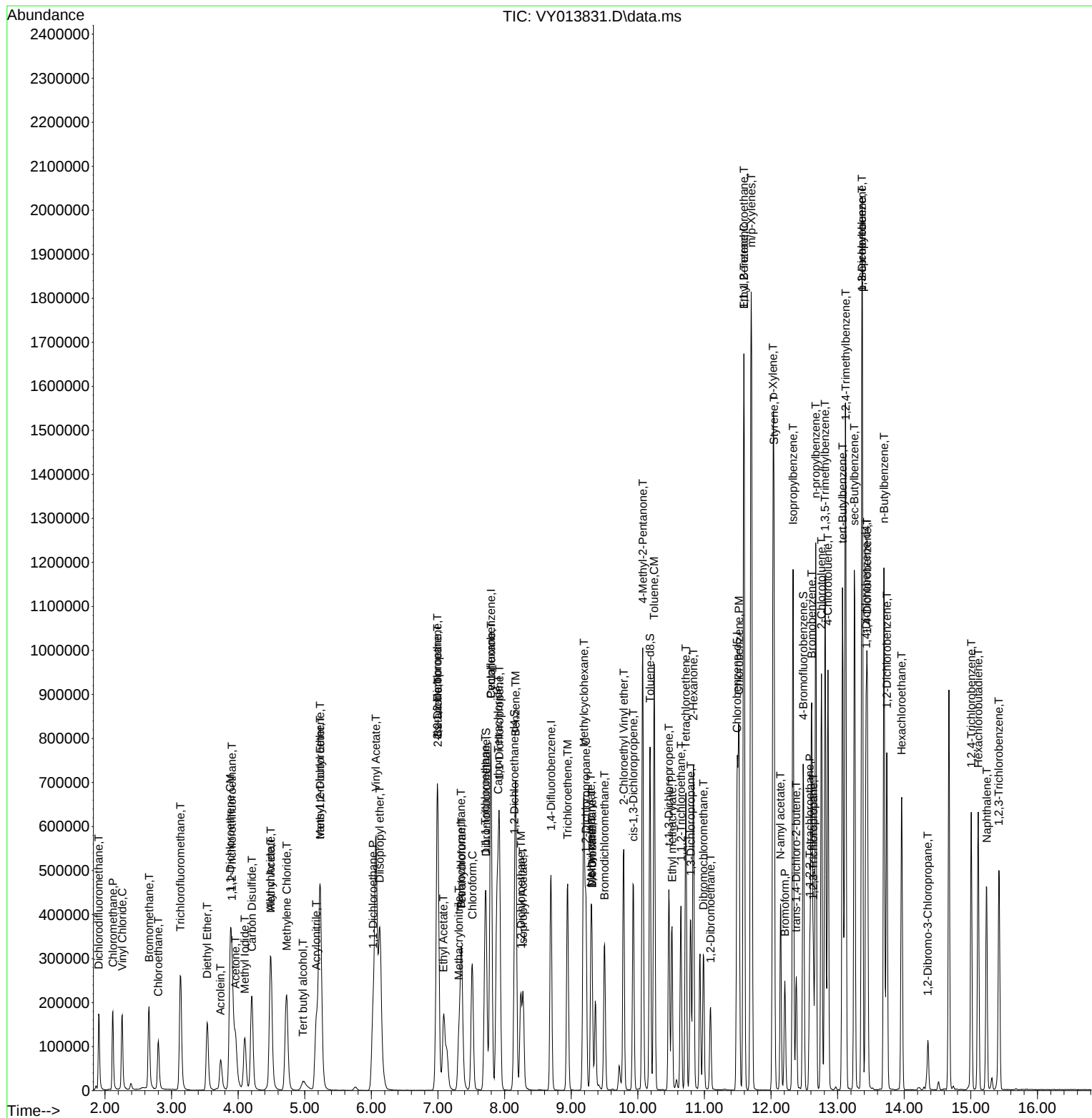
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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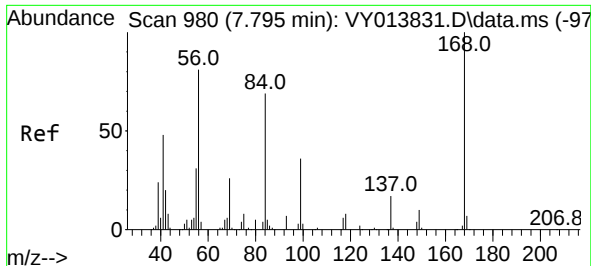
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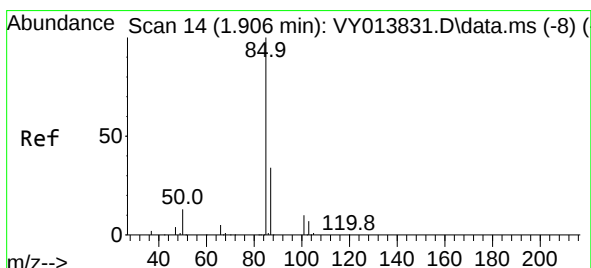
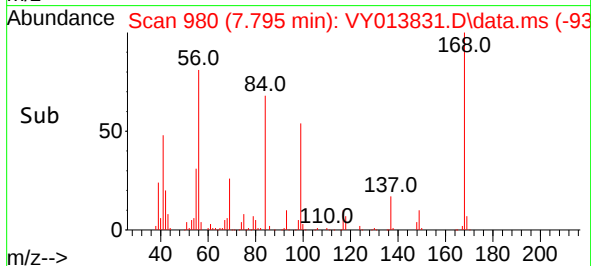
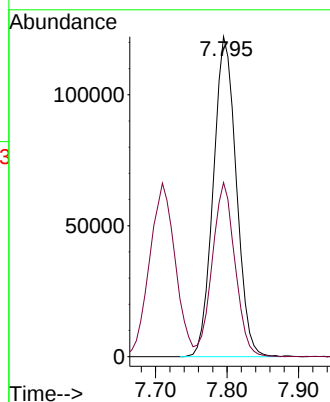
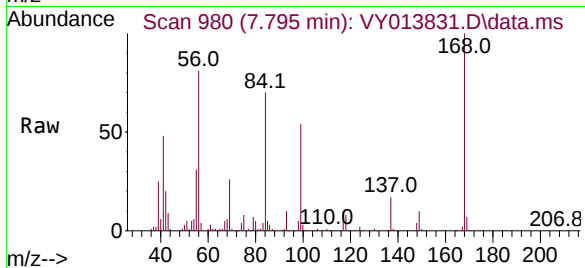




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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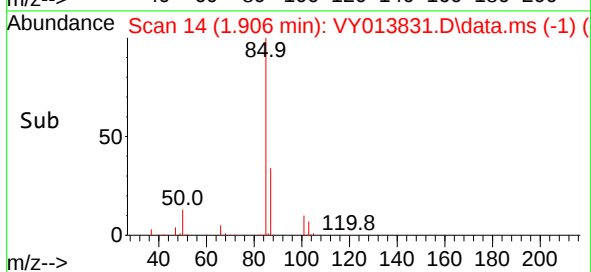
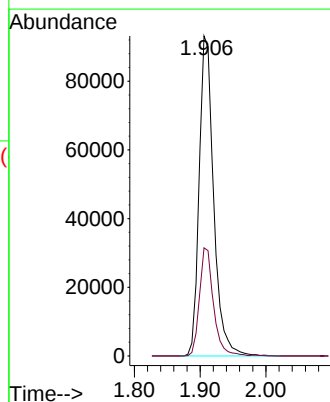
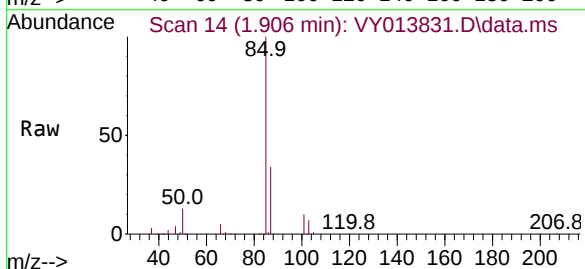
Instrument :
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VSTDICCC050

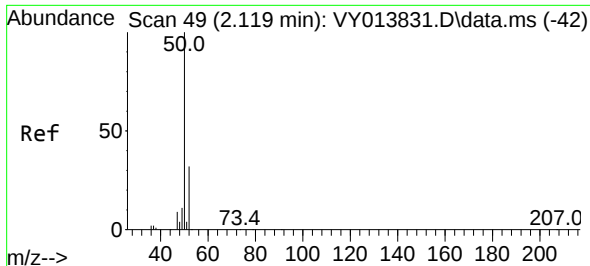
Tgt Ion:168 Resp: 272611
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 57.233 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 85 Resp: 142917
Ion Ratio Lower Upper
85 100
87 33.8 16.9 50.7

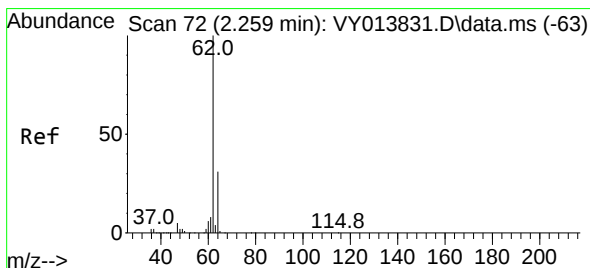
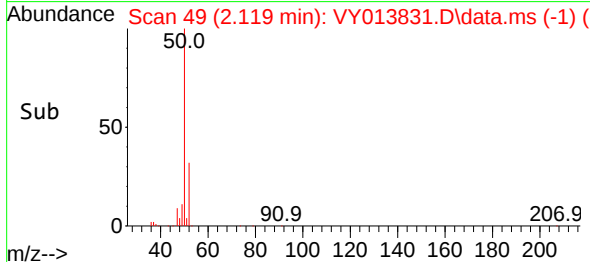
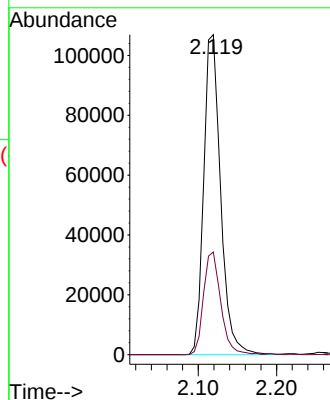
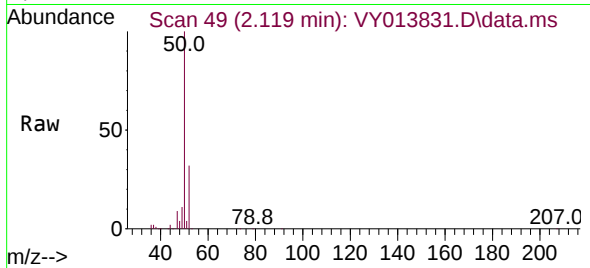




#3
Chloromethane
Concen: 52.713 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

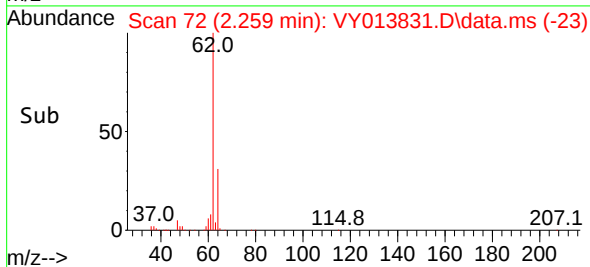
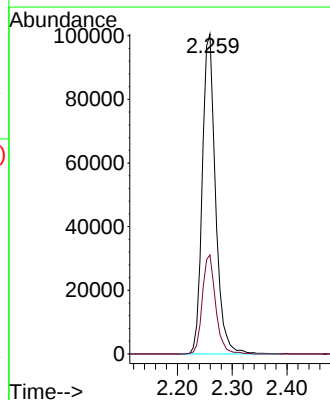
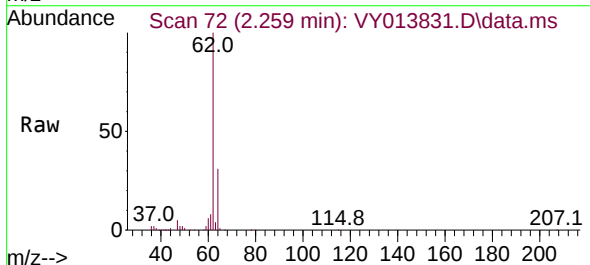
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ClientSampleId :
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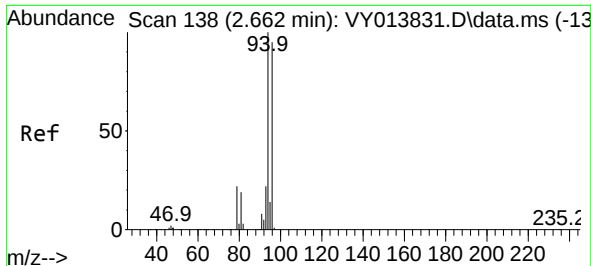
Tgt Ion: 50 Resp: 160360
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5



#4
Vinyl Chloride
Concen: 54.164 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 62 Resp: 168506
Ion Ratio Lower Upper
62 100
64 31.0 24.8 37.2

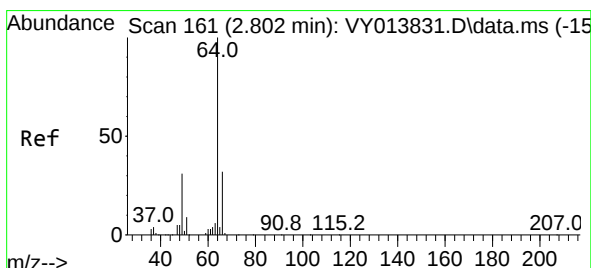
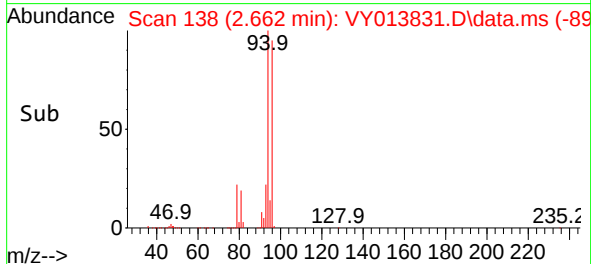
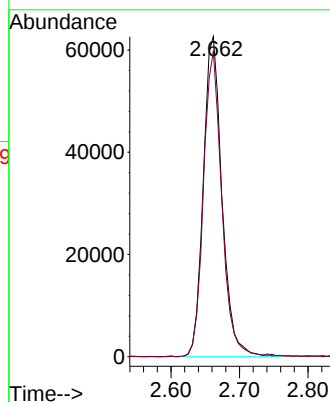
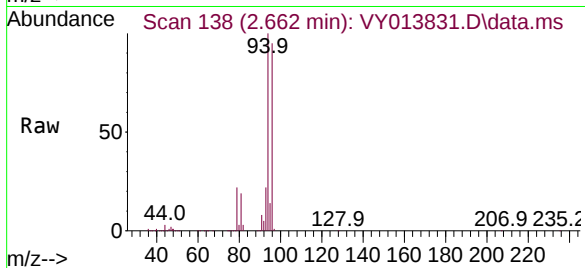




#5
Bromomethane
Concen: 48.154 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013831.D
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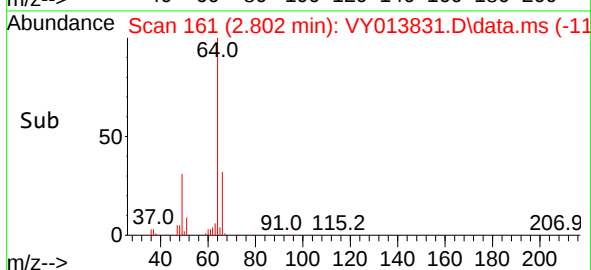
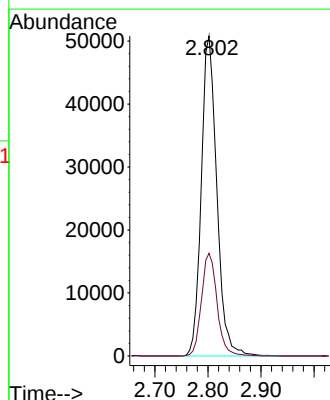
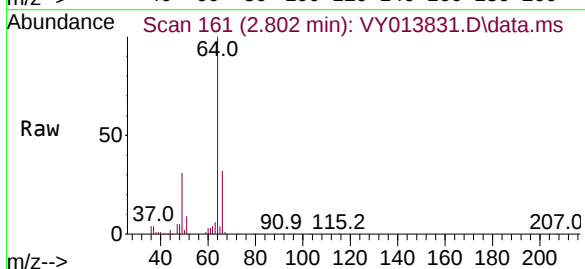
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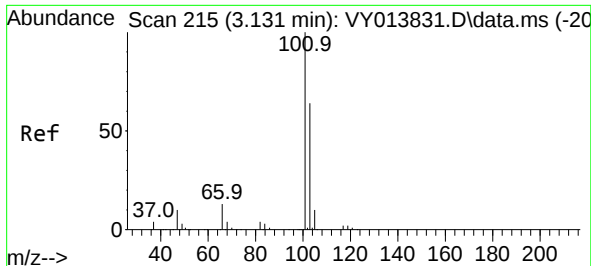
Tgt Ion: 94 Resp: 119049
Ion Ratio Lower Upper
94 100
96 95.2 76.2 114.2



#6
Chloroethane
Concen: 51.011 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 103411
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

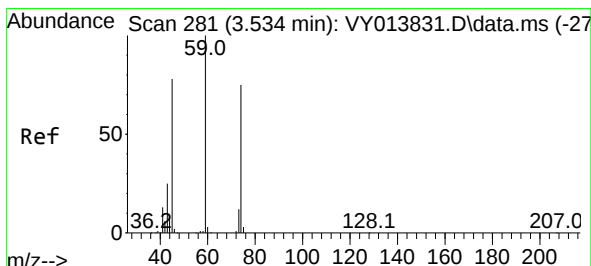
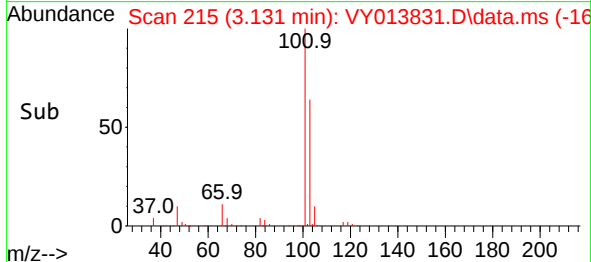
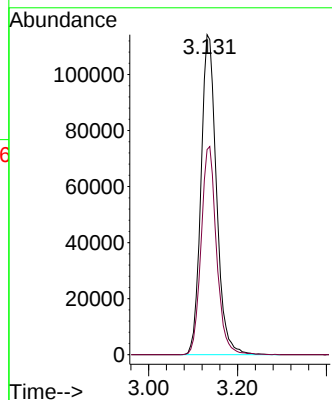
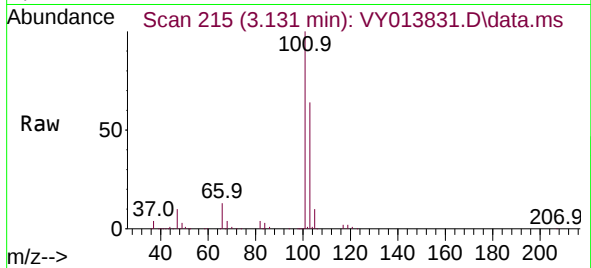




#7
 Trichlorofluoromethane
 Concen: 52.861 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY013831.D
 Acq: 23 May 2023 12:30

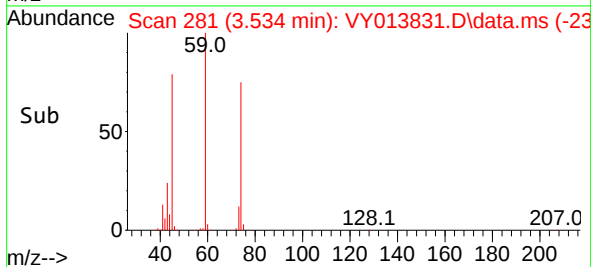
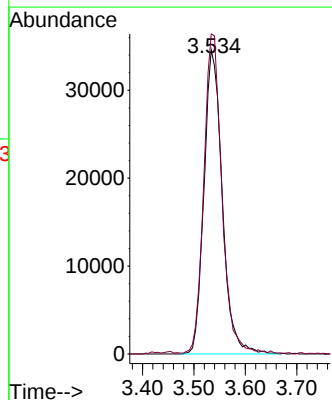
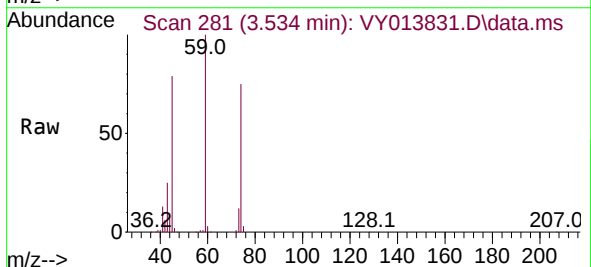
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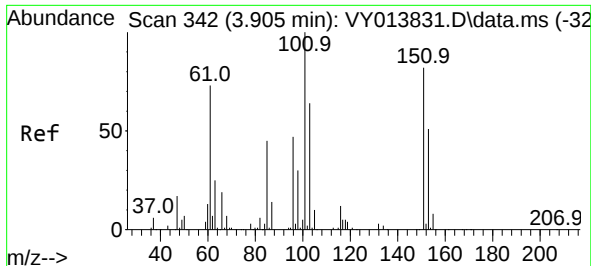
Tgt Ion:101 Resp: 276775
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.3 76.9



#8
 Diethyl Ether
 Concen: 53.045 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 85188
 Ion Ratio Lower Upper
 74 100
 45 103.7 51.8 155.5

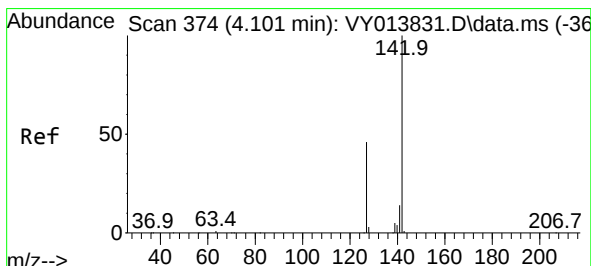
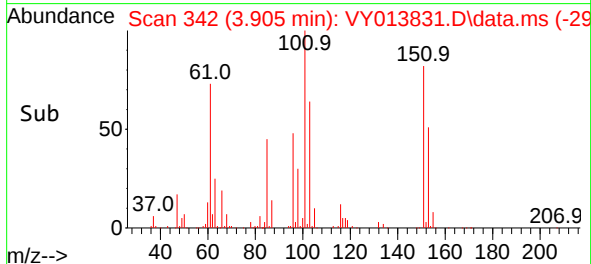
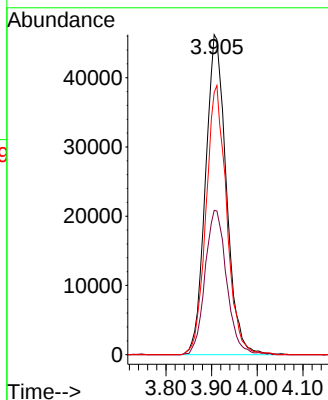
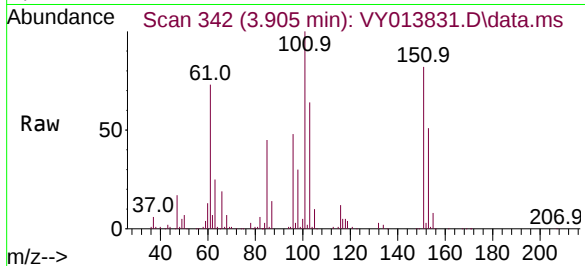




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.552 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

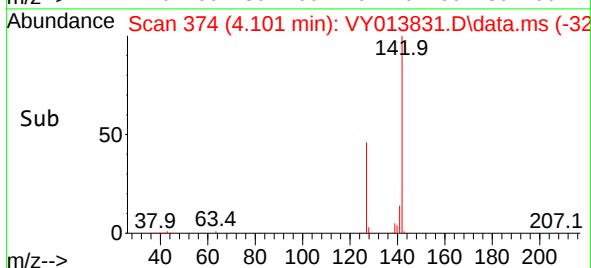
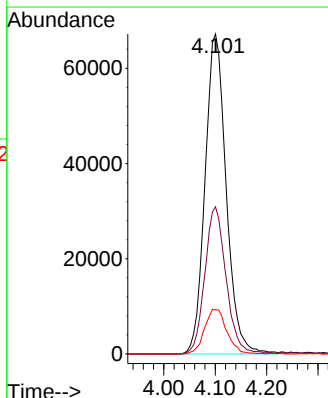
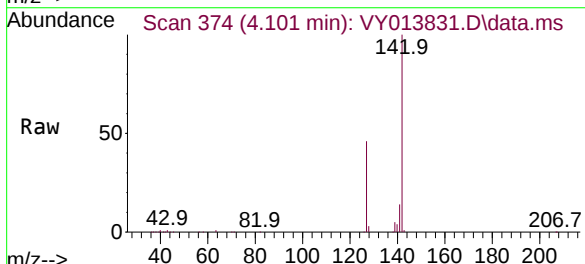
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

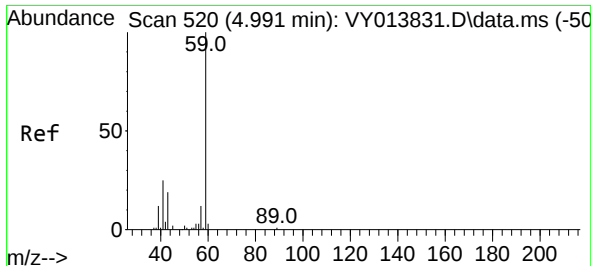
Tgt Ion:101 Resp: 146323
Ion Ratio Lower Upper
101 100
85 46.8 37.4 56.2
151 83.3 66.6 100.0



#10
Methyl Iodide
Concen: 57.033 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion:142 Resp: 192183
Ion Ratio Lower Upper
142 100
127 46.2 37.0 55.4
141 14.7 11.8 17.6

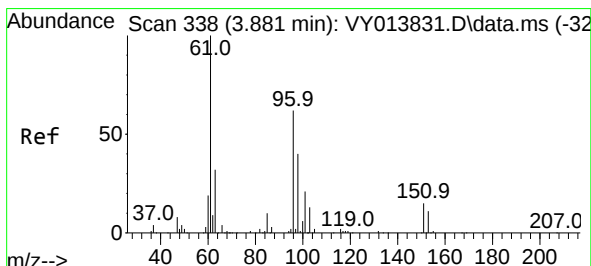
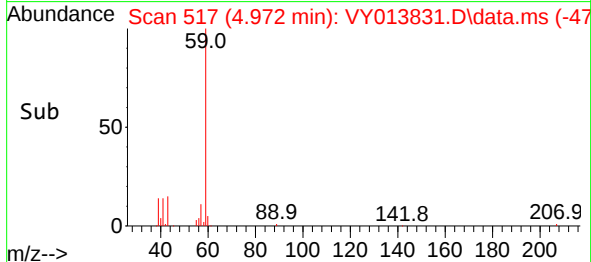
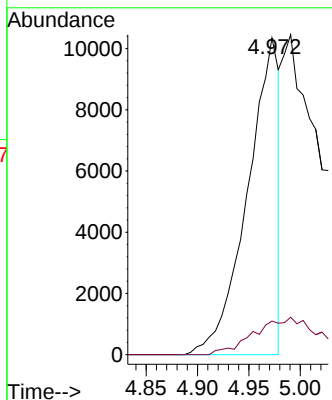
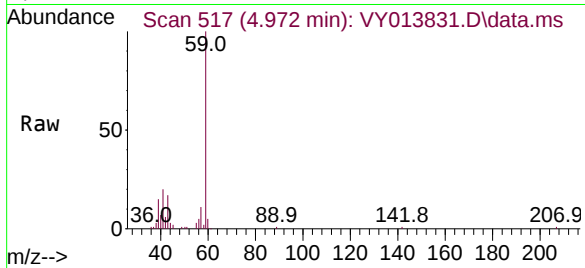




#11
Tert butyl alcohol
Concen: 91.701 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

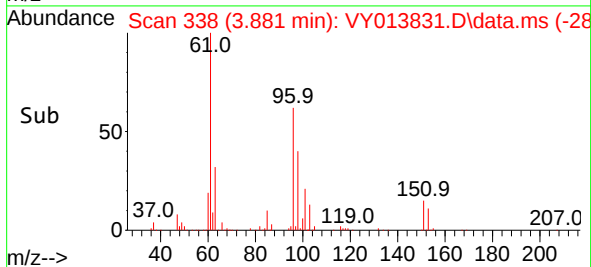
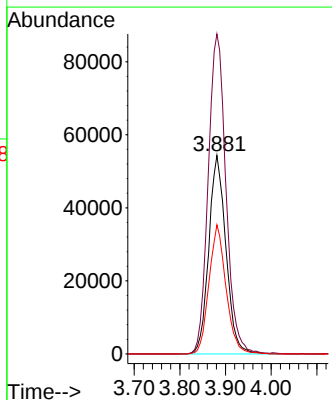
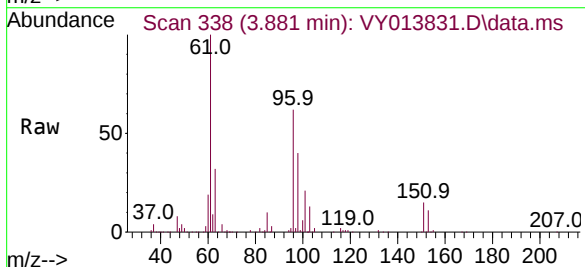
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

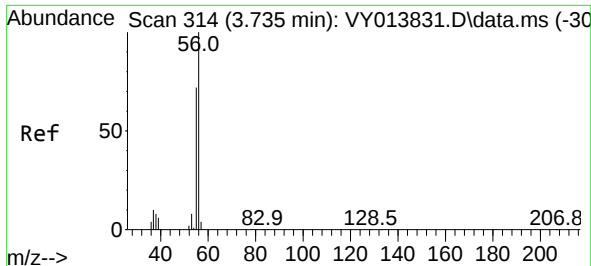
Tgt Ion: 59 Resp: 22155
Ion Ratio Lower Upper
59 100
57 28.7 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 53.336 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 96 Resp: 142225
Ion Ratio Lower Upper
96 100
61 161.2 129.0 193.4
98 65.0 52.0 78.0





#13

Acrolein

Concen: 243.147 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

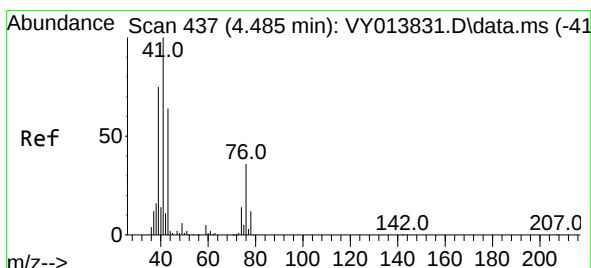
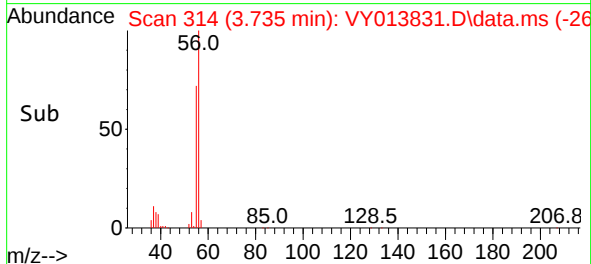
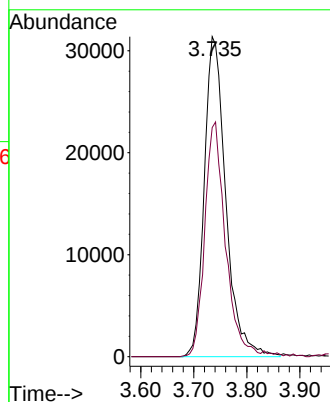
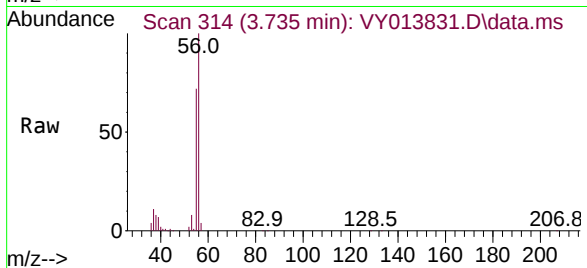
VSTDICCC050

Tgt Ion: 56 Resp: 88365

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.2



#14

Allyl chloride

Concen: 50.428 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

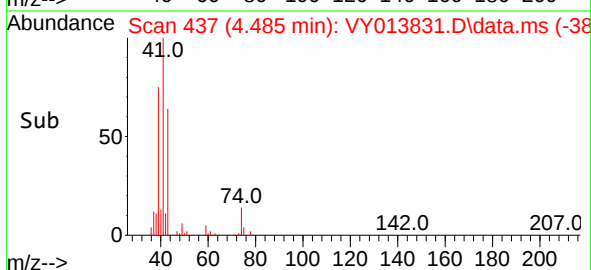
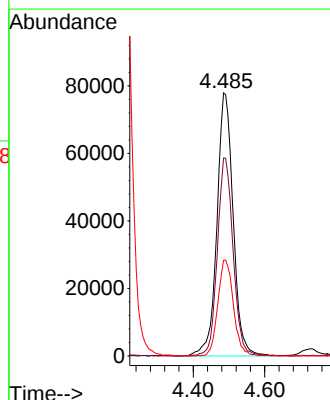
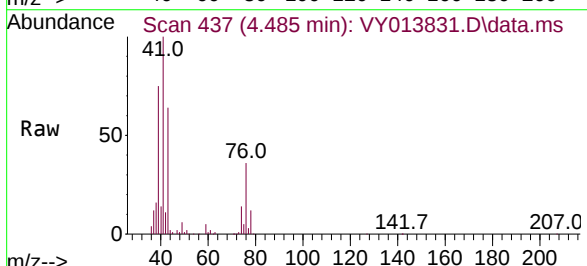
Tgt Ion: 41 Resp: 245496

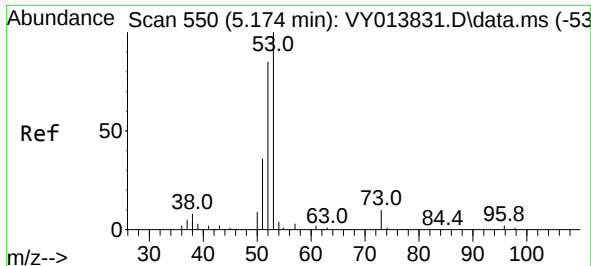
Ion Ratio Lower Upper

41 100

39 72.9 58.3 87.5

76 35.0 28.0 42.0

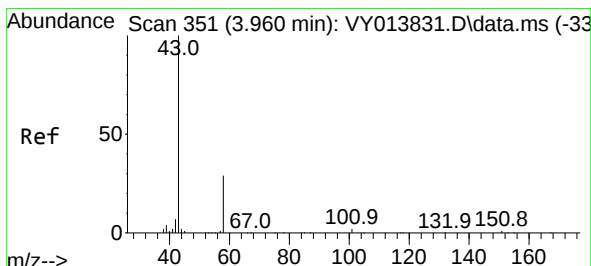
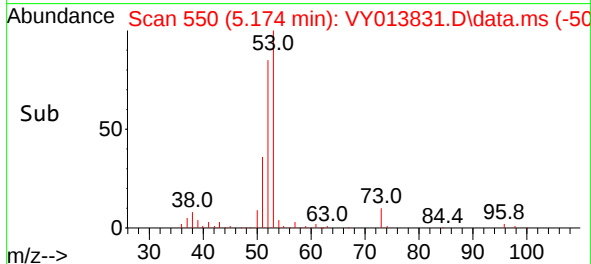
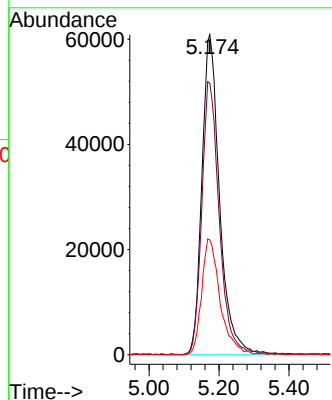
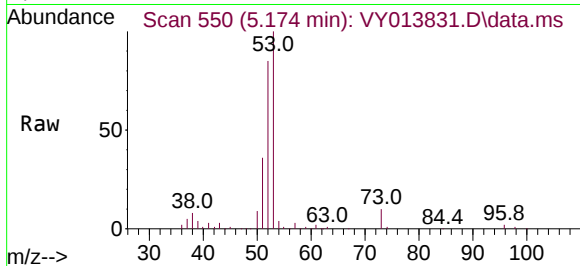




#15
Acrylonitrile
Concen: 259.781 ug/l
RT: 5.174 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

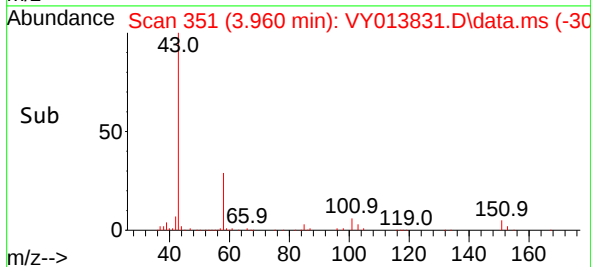
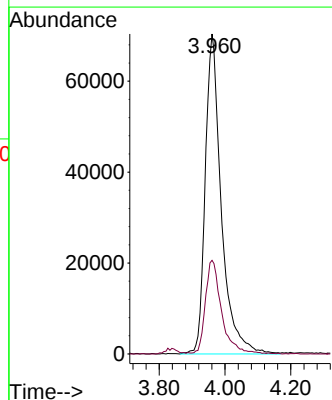
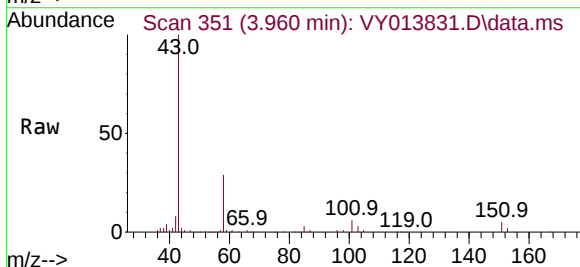
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

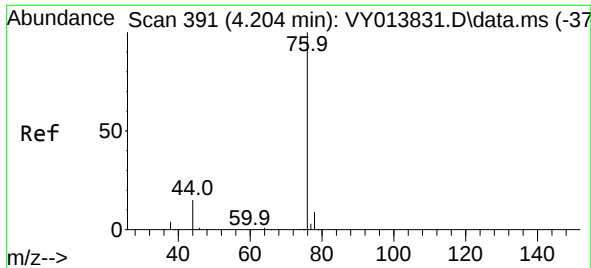
Tgt Ion:	53	Resp:	213910
Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.2	100.8
51	37.7	30.2	45.2



#16
Acetone
Concen: 255.400 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion:	43	Resp:	239069
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.3	34.9





#17

Carbon Disulfide

Concen: 55.119 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

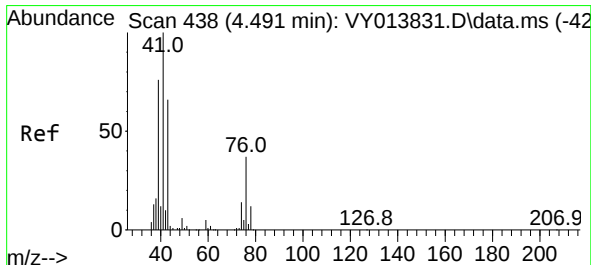
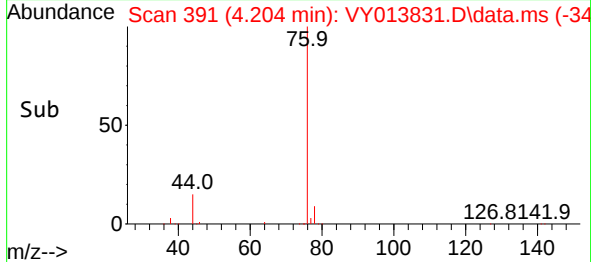
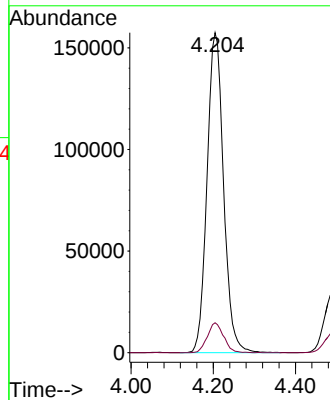
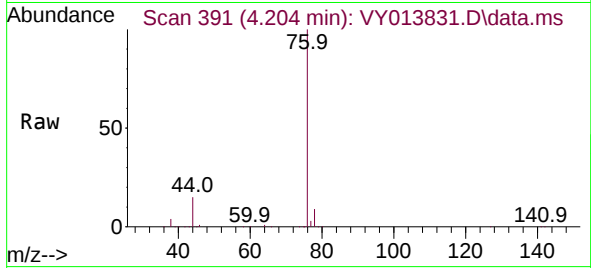
VSTDICCC050

Tgt Ion: 76 Resp: 438724

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



#18

Methyl Acetate

Concen: 50.552 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY013831.D

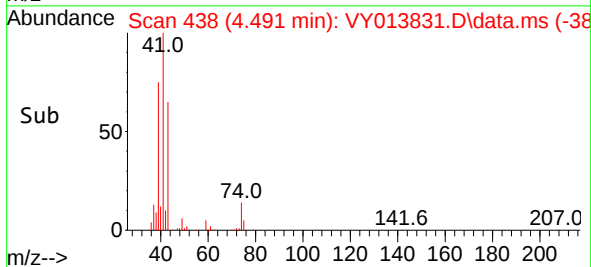
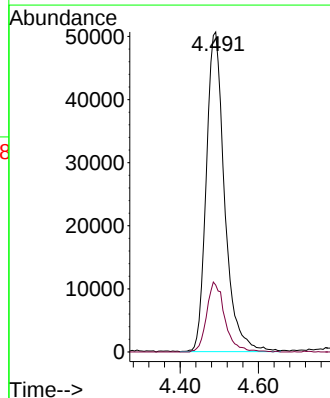
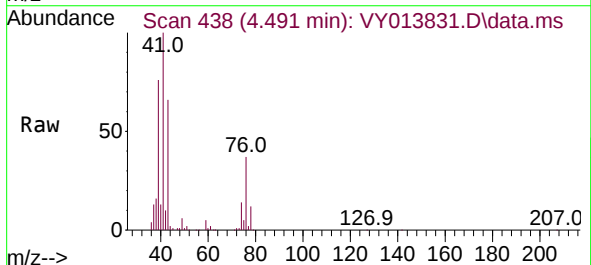
Acq: 23 May 2023 12:30

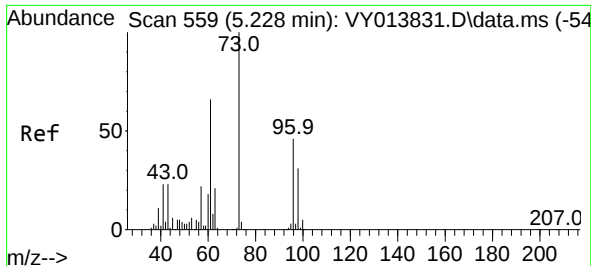
Tgt Ion: 43 Resp: 164166

Ion Ratio Lower Upper

43 100

74 21.7 17.4 26.0

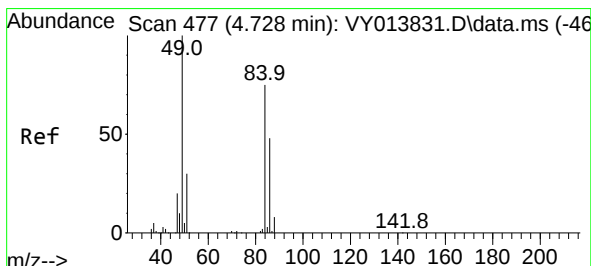
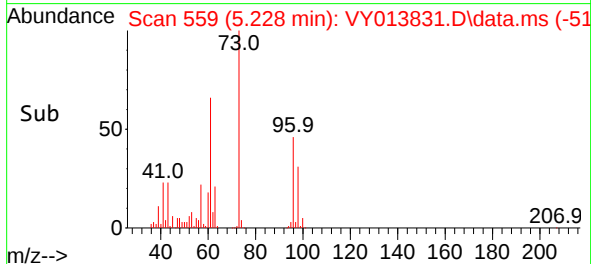
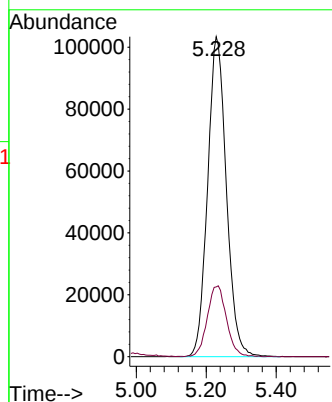
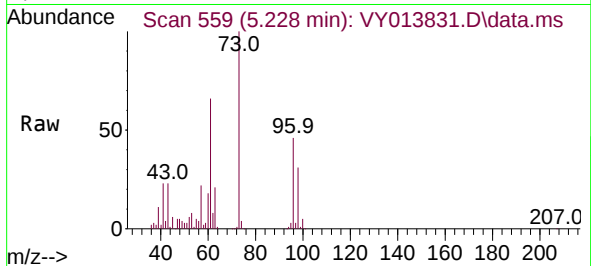




#19
Methyl tert-butyl Ether
Concen: 52.741 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

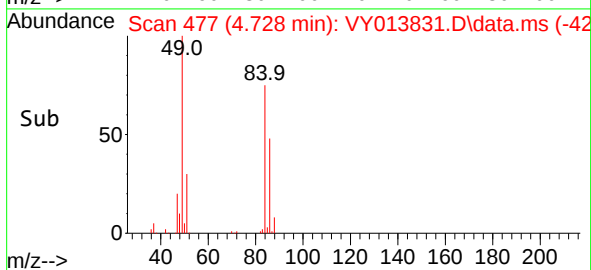
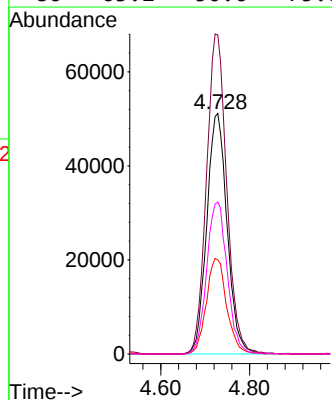
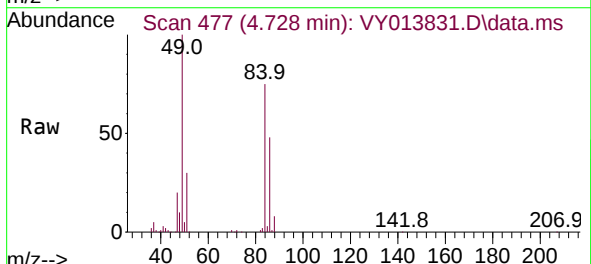
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

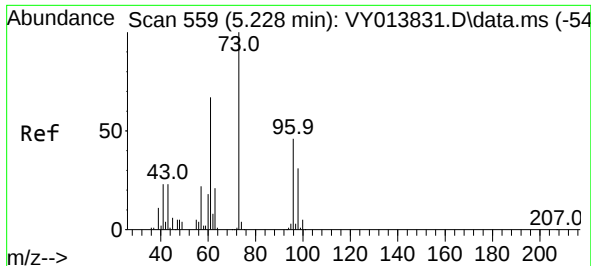
Tgt Ion: 73 Resp: 383805
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 49.031 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 84 Resp: 162897
Ion Ratio Lower Upper
84 100
49 132.7 106.2 159.2
51 39.2 31.4 47.0
86 63.2 50.6 75.8

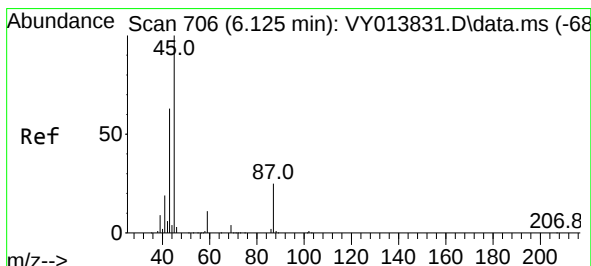
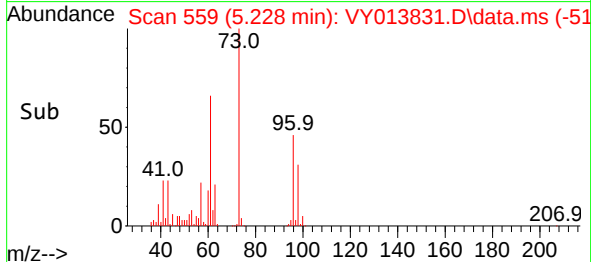
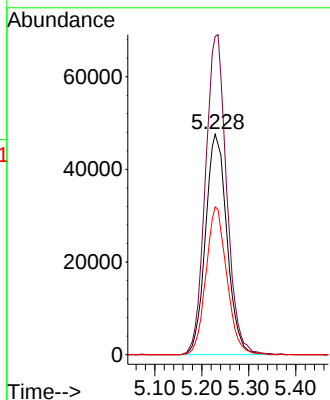
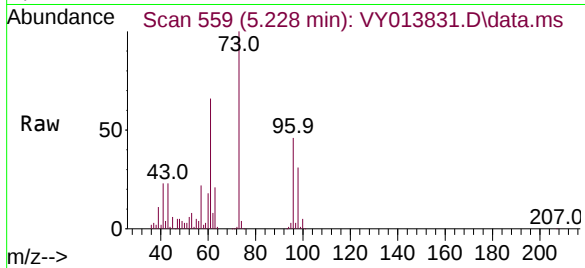




#21
trans-1,2-Dichloroethene
Concen: 52.144 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

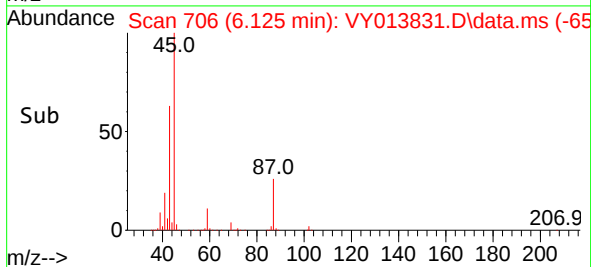
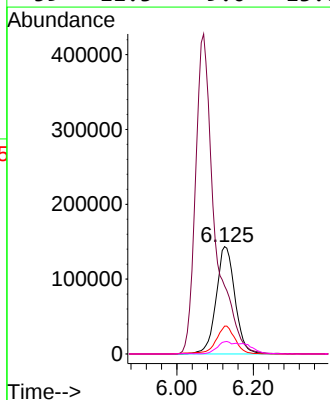
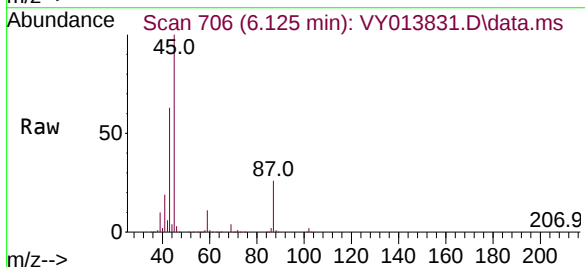
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

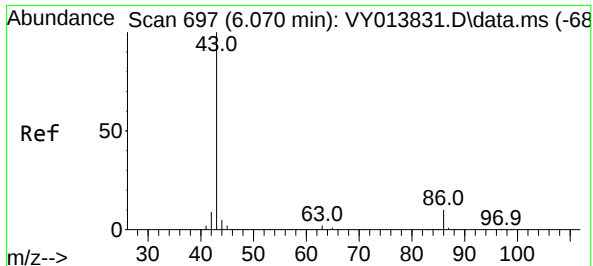
Tgt Ion: 96 Resp: 151150
Ion Ratio Lower Upper
96 100
61 144.4 115.5 173.3
98 67.1 53.7 80.5



#22
Diisopropyl ether
Concen: 52.124 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 45 Resp: 489942
Ion Ratio Lower Upper
45 100
43 63.2 50.6 75.8
87 25.9 20.7 31.1
59 11.3 9.0 13.6

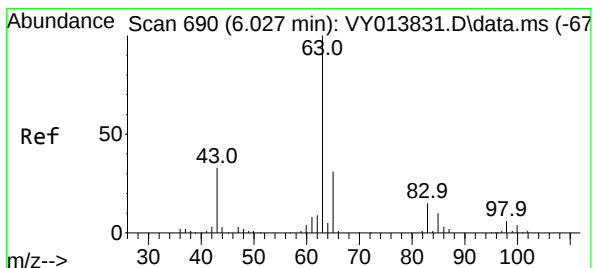
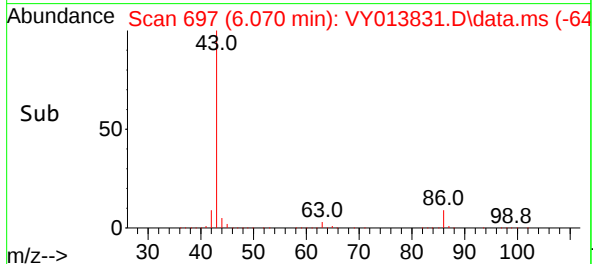
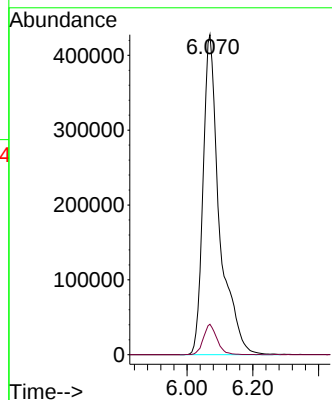
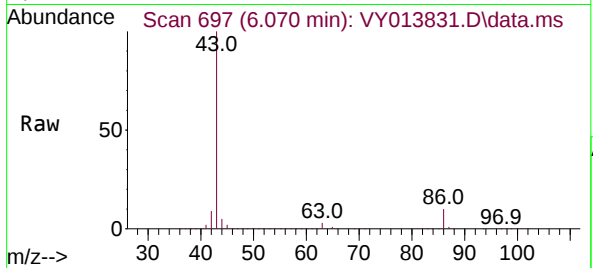




#23
 Vinyl Acetate
 Concen: 271.277 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY013831.D
 Acq: 23 May 2023 12:30

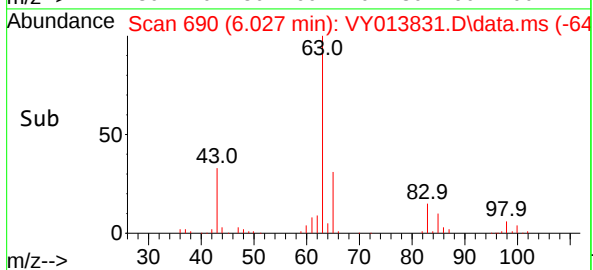
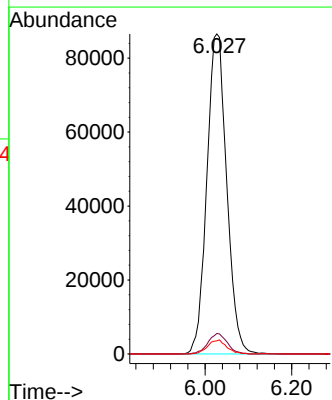
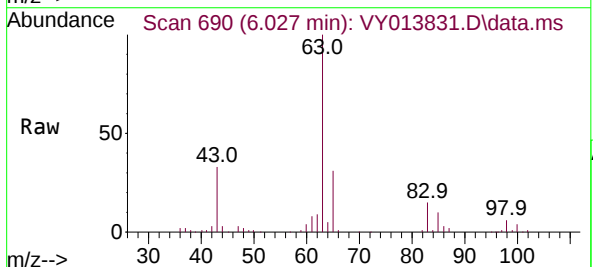
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

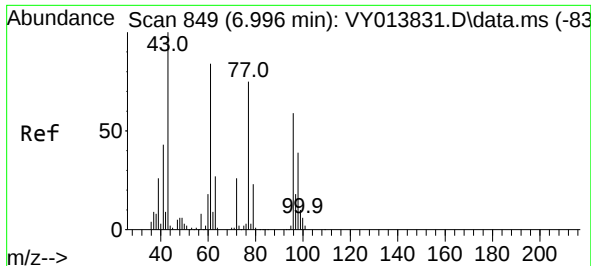
Tgt Ion: 43 Resp: 1485140
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 50.265 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY013831.D
 Acq: 23 May 2023 12:30

Tgt Ion: 63 Resp: 275821
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.1 2.1 6.2

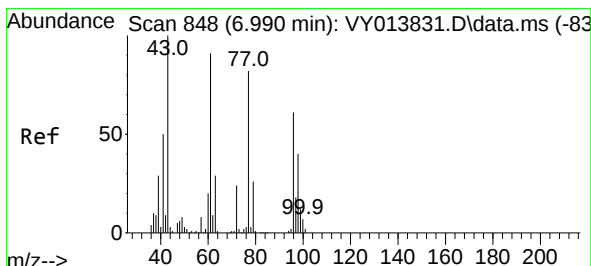
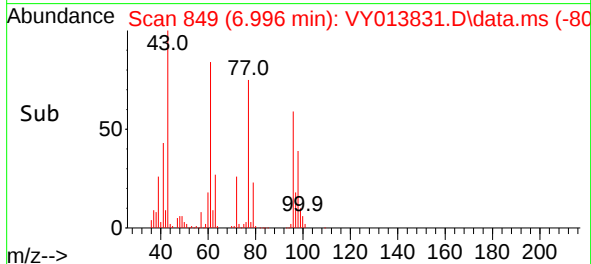
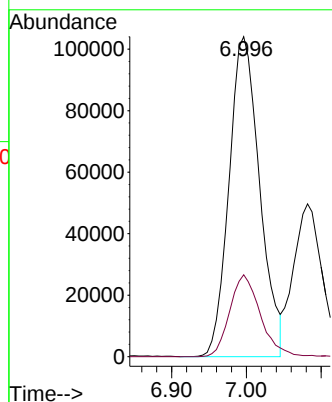
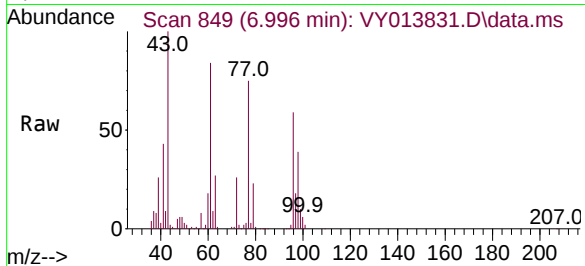




#25
2-Butanone
Concen: 260.375 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

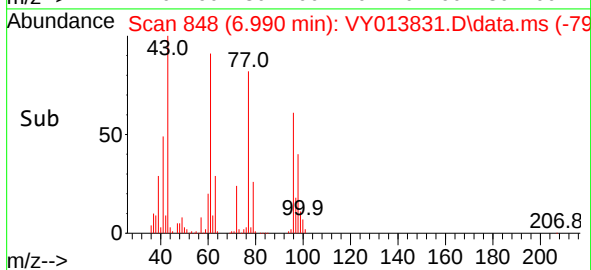
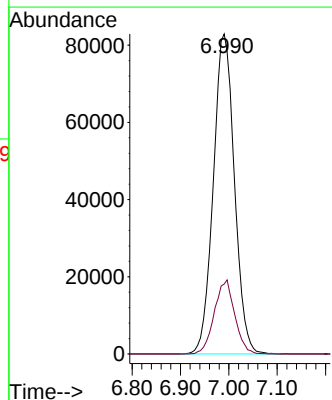
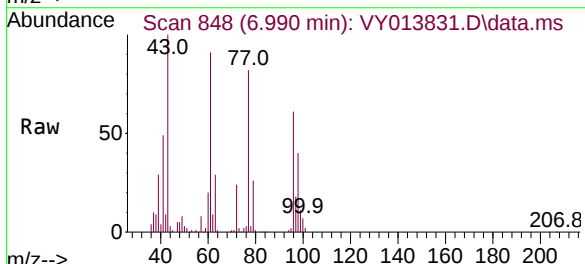
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

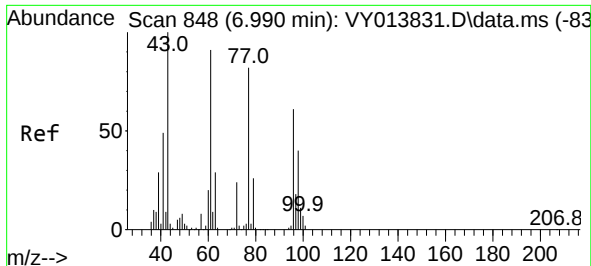
Tgt Ion: 43 Resp: 297403
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.804 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 77 Resp: 251113
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6

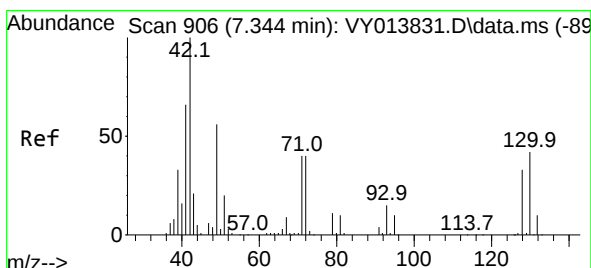
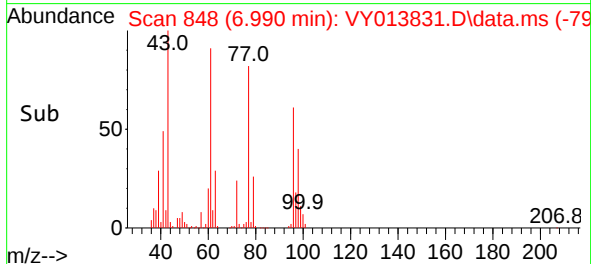
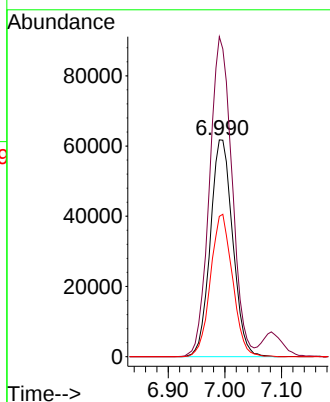
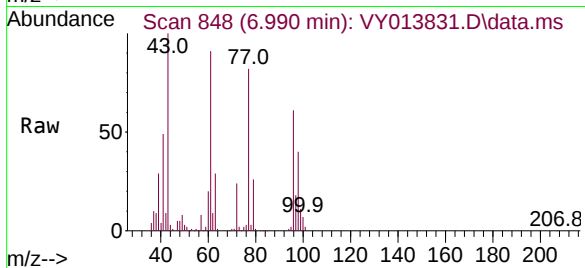




#27
cis-1,2-Dichloroethene
Concen: 52.129 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

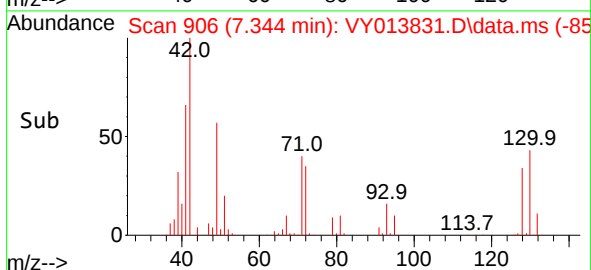
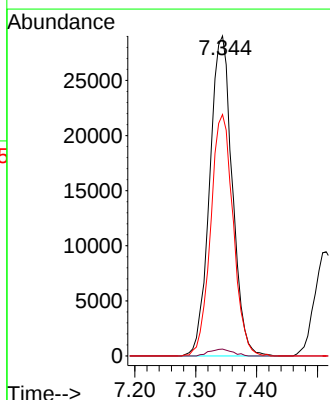
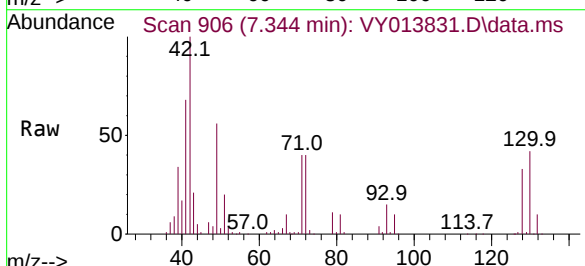
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

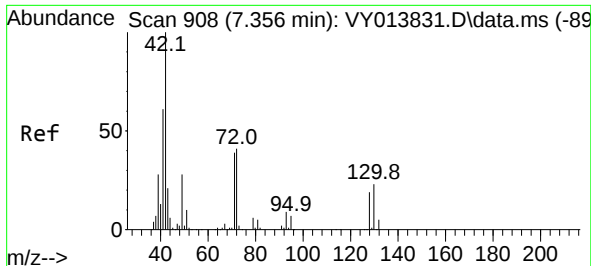
Tgt Ion: 96 Resp: 169747
Ion Ratio Lower Upper
96 100
61 148.2 0.0 296.4
98 64.7 0.0 129.4



#28
Bromochloromethane
Concen: 46.420 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 49 Resp: 74765
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 75.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 279.546 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

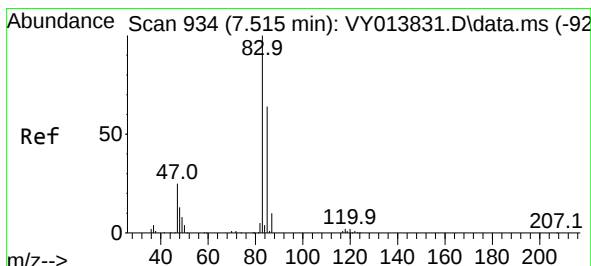
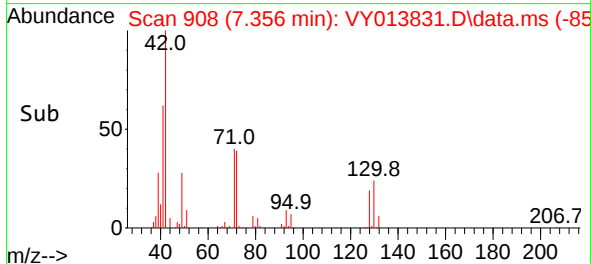
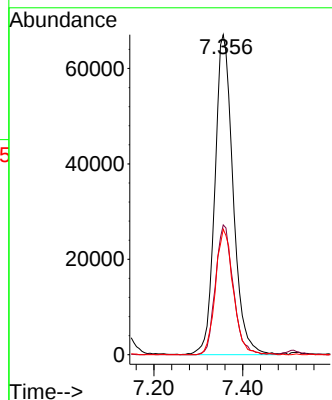
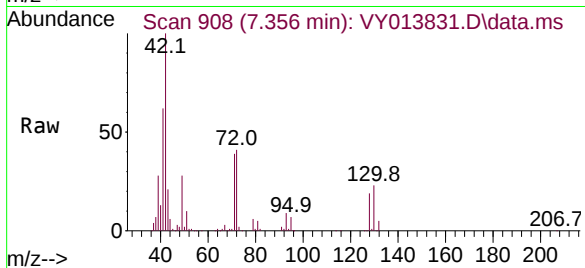
Tgt Ion: 42 Resp: 190637

Ion Ratio Lower Upper

42 100

72 39.6 31.7 47.5

71 38.2 30.6 45.8



#30

Chloroform

Concen: 50.720 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY013831.D

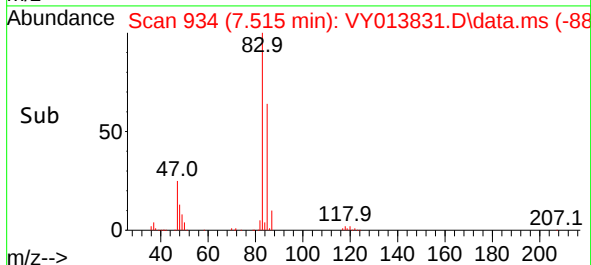
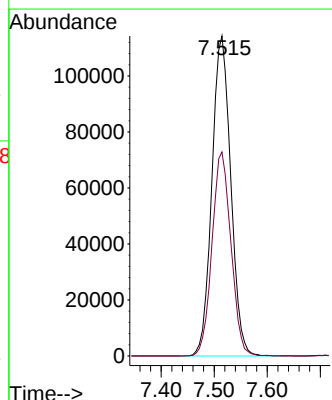
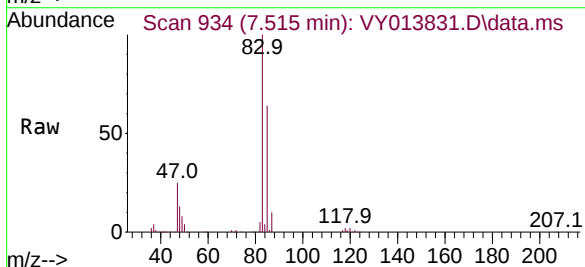
Acq: 23 May 2023 12:30

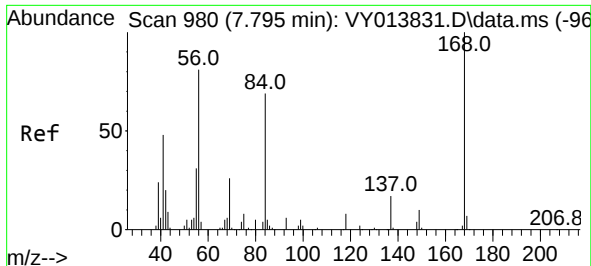
Tgt Ion: 83 Resp: 282171

Ion Ratio Lower Upper

83 100

85 63.8 51.0 76.6

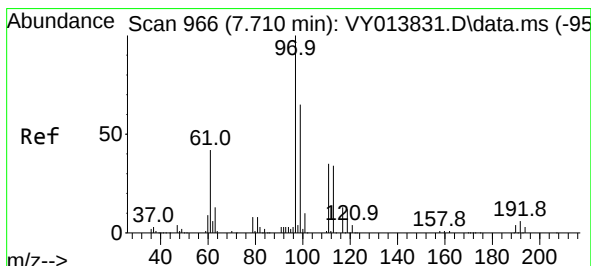
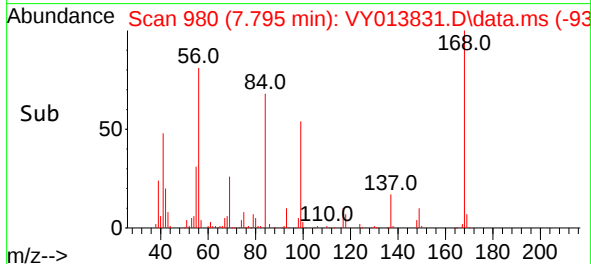
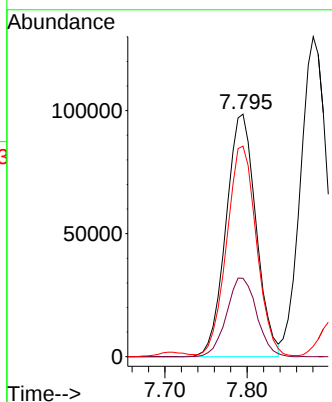
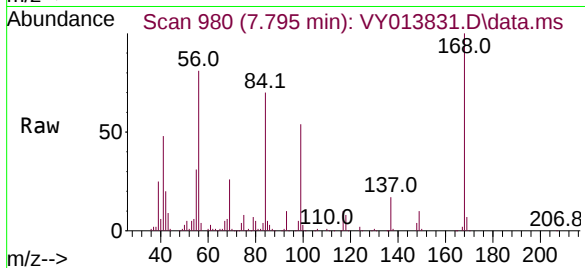




#31
Cyclohexane
Concen: 51.693 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

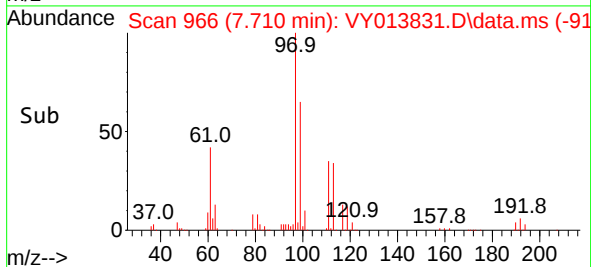
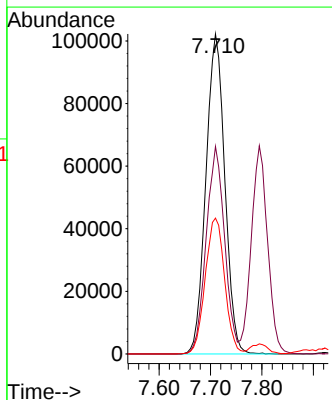
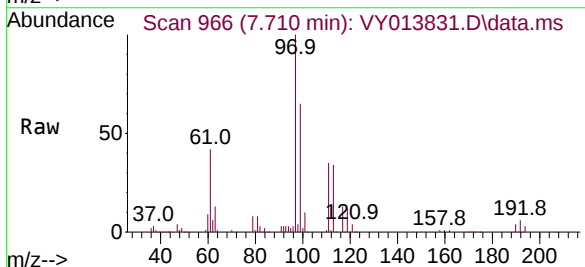
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

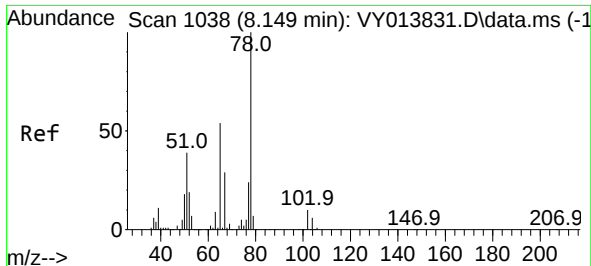
Tgt Ion: 56 Resp: 250487
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.8
84 85.2 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 51.457 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 97 Resp: 261158
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 43.7 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 48.057 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

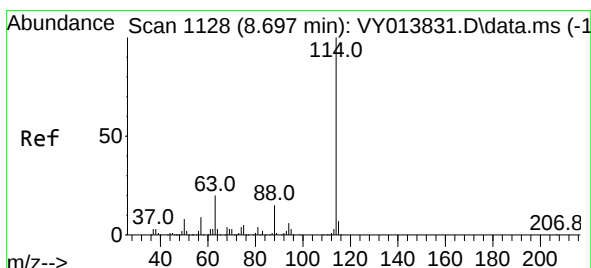
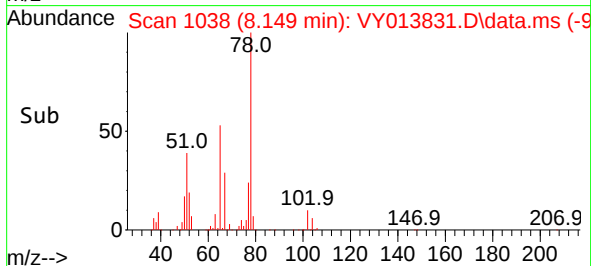
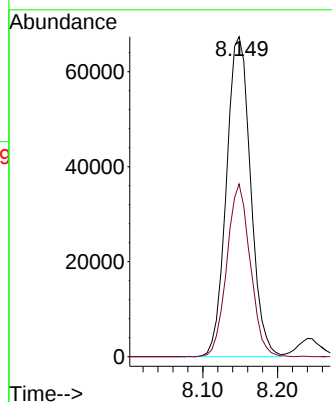
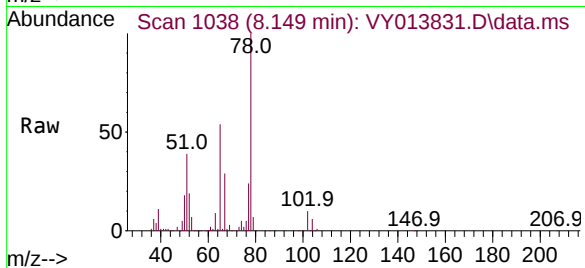
VSTDICCC050

Tgt Ion: 65 Resp: 151565

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

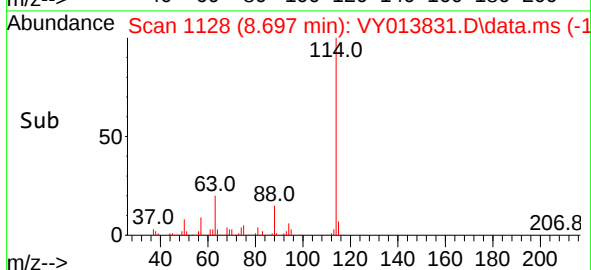
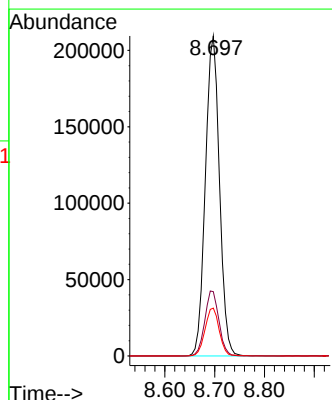
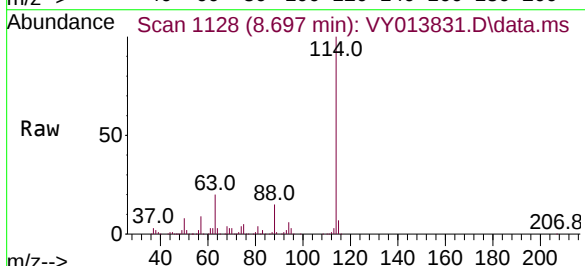
Tgt Ion: 114 Resp: 410856

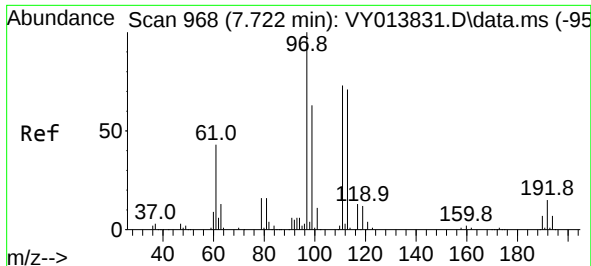
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.0 0.0 30.0

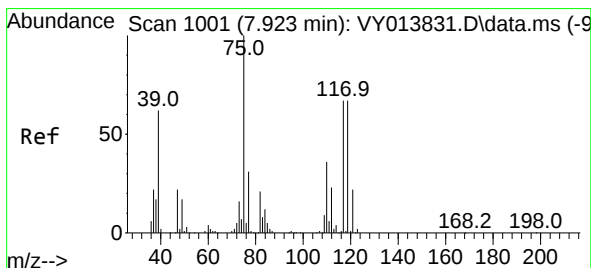
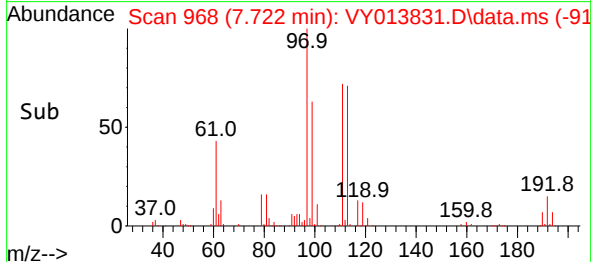
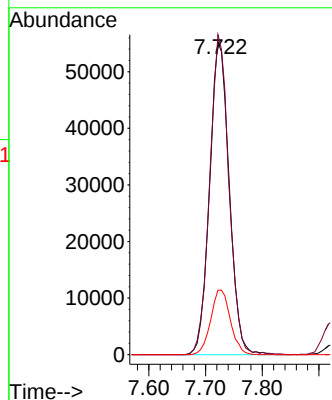
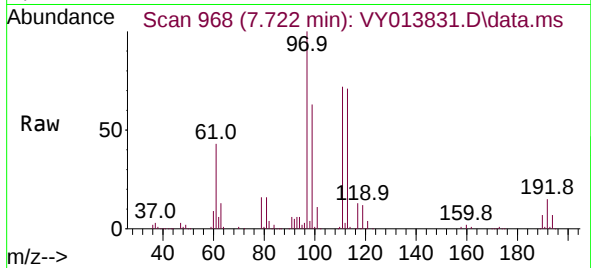




#35
Dibromofluoromethane
Concen: 50.032 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

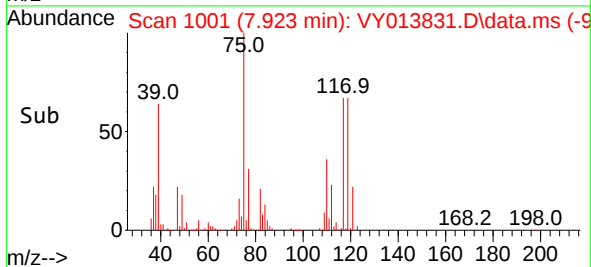
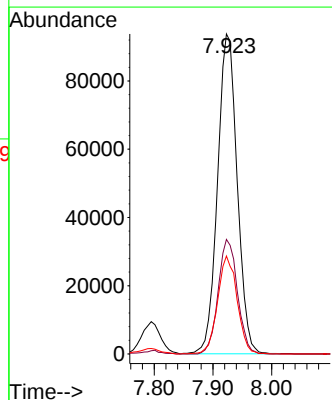
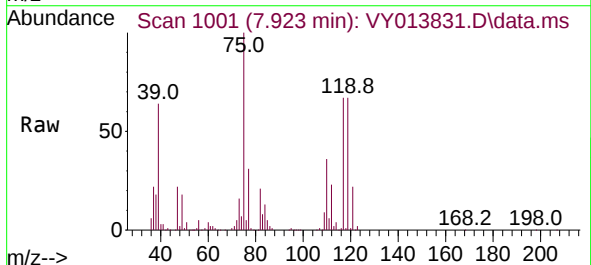
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

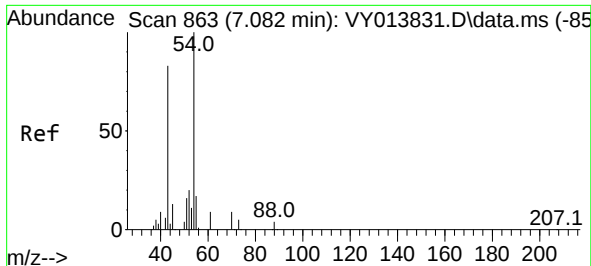
Tgt Ion:113 Resp: 132752
Ion Ratio Lower Upper
113 100
111 100.5 80.4 120.6
192 20.8 16.6 25.0



#36
1,1-Dichloropropene
Concen: 53.889 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 75 Resp: 217784
Ion Ratio Lower Upper
75 100
110 35.1 17.5 52.6
77 30.5 24.4 36.6

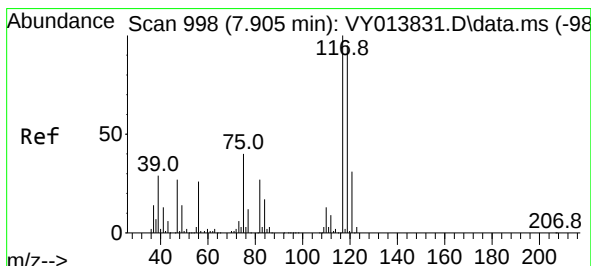
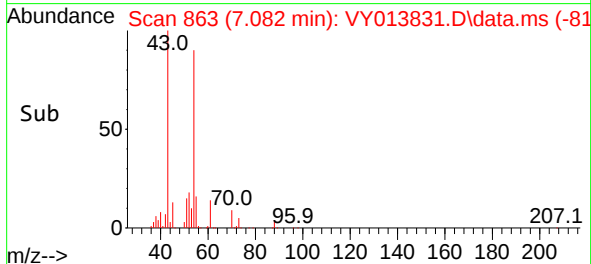
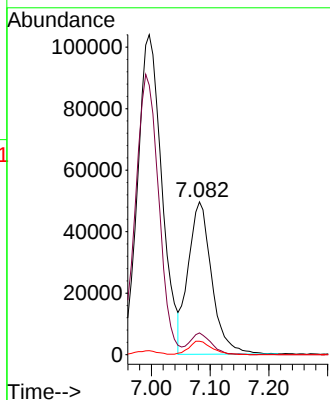
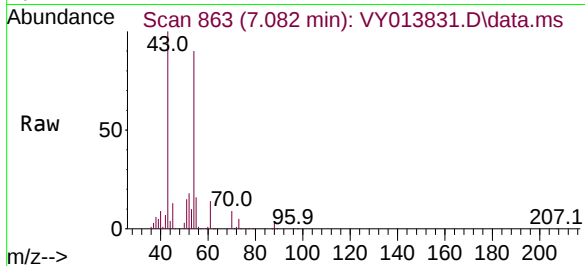




#37
Ethyl Acetate
Concen: 55.881 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

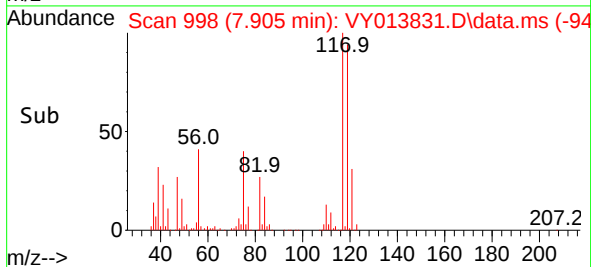
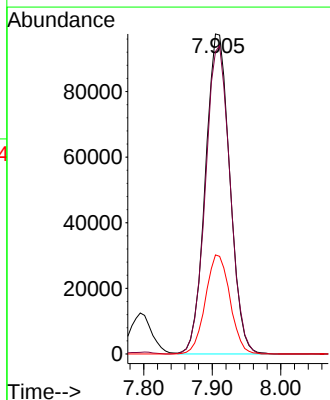
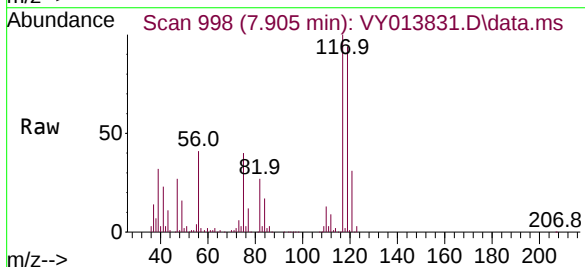
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

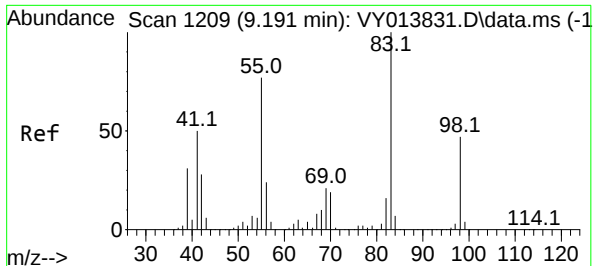
Tgt Ion: 43 Resp: 137757
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 8.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 52.572 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 117 Resp: 241617
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 55.684 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

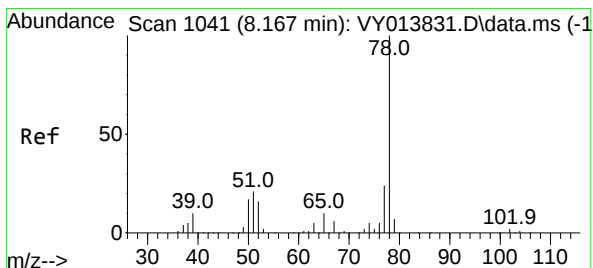
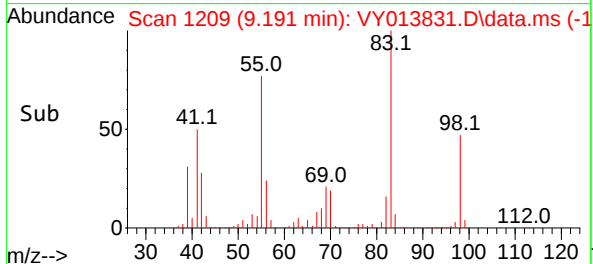
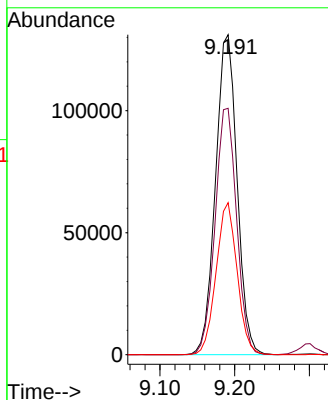
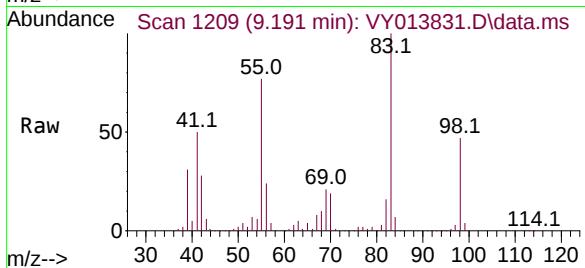
Tgt Ion: 83 Resp: 263545

Ion Ratio Lower Upper

83 100

55 77.0 61.6 92.4

98 47.5 38.0 57.0



#40

Benzene

Concen: 52.721 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY013831.D

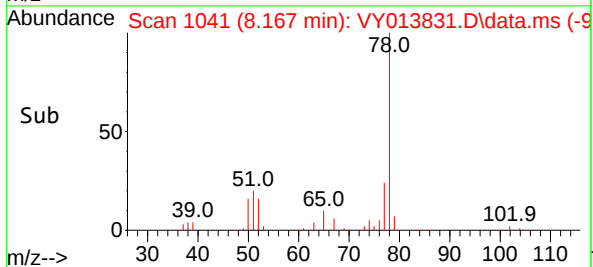
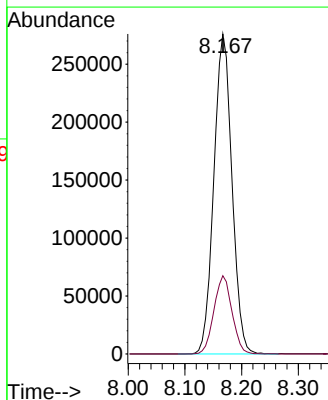
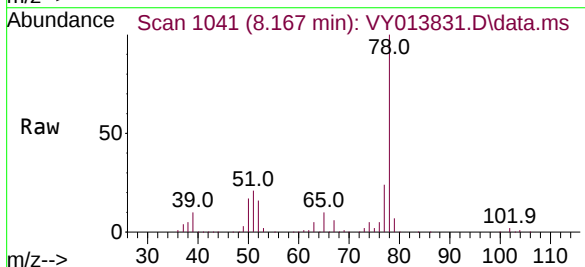
Acq: 23 May 2023 12:30

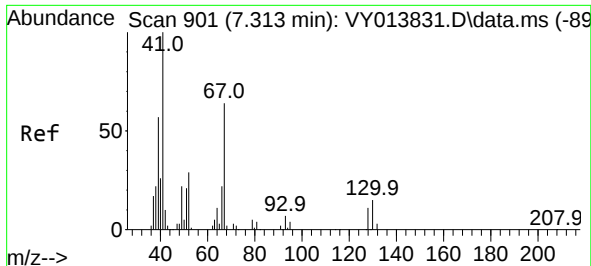
Tgt Ion: 78 Resp: 611966

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3



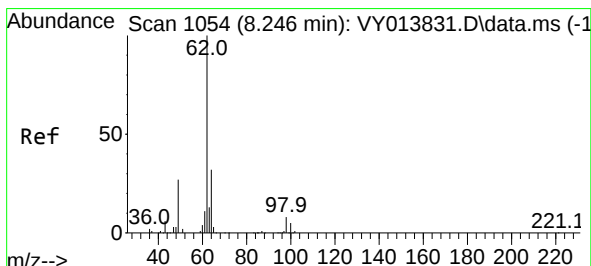
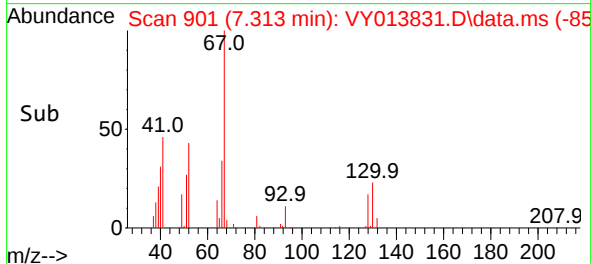
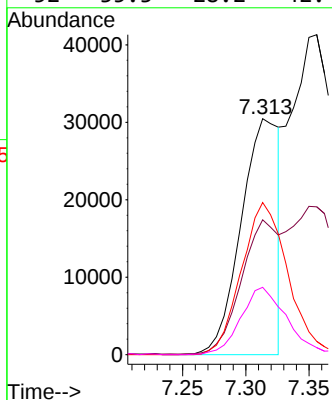
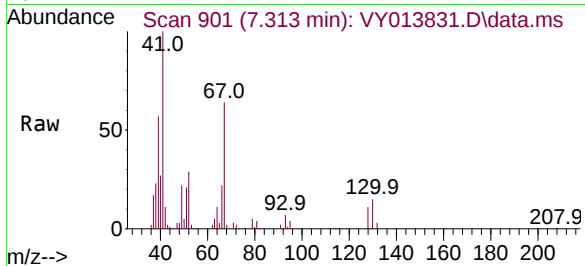


#41
Methacrylonitrile
Concen: 47.357 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 63697

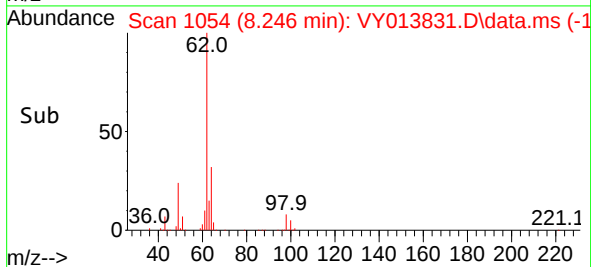
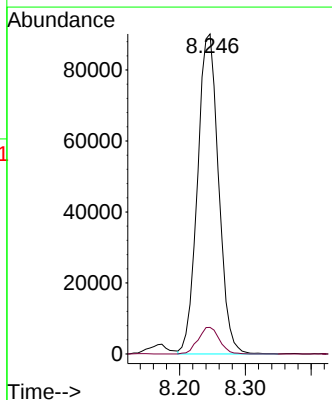
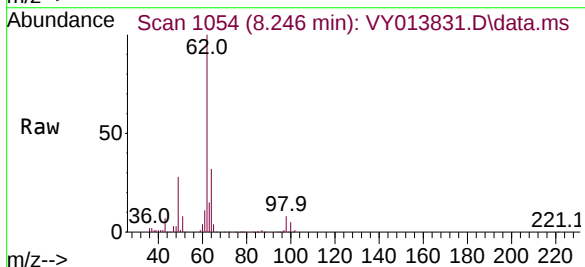
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.1	66.1
67	79.6	63.7	95.5
52	35.3	28.2	42.4

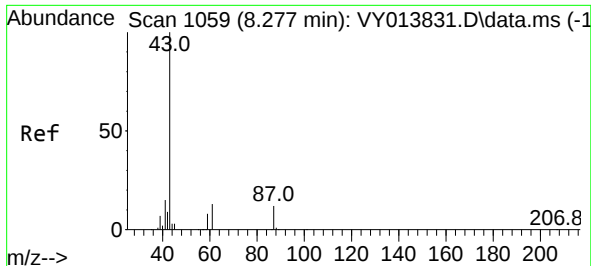


#42
1,2-Dichloroethane
Concen: 52.809 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 62 Resp: 200700

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8

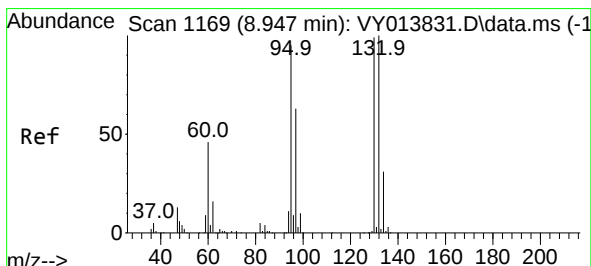
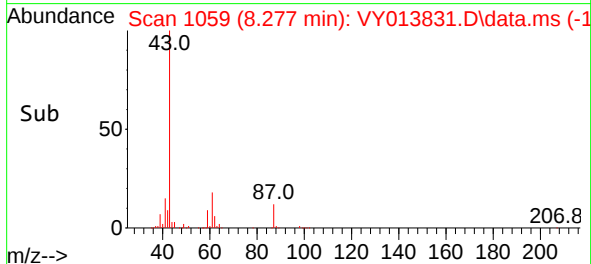
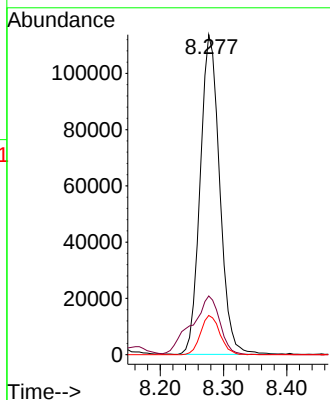
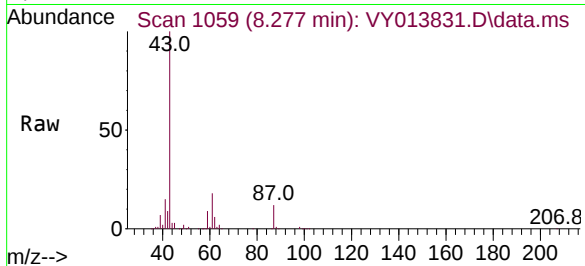




#43
Isopropyl Acetate
Concen: 54.155 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

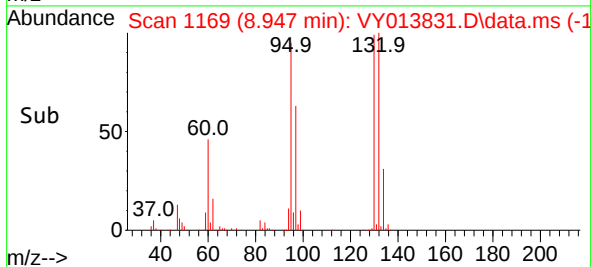
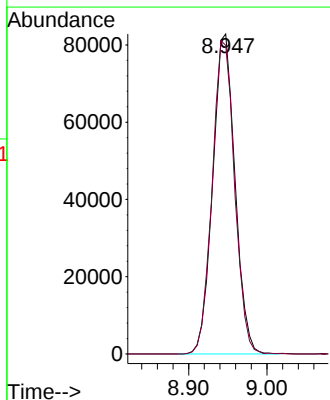
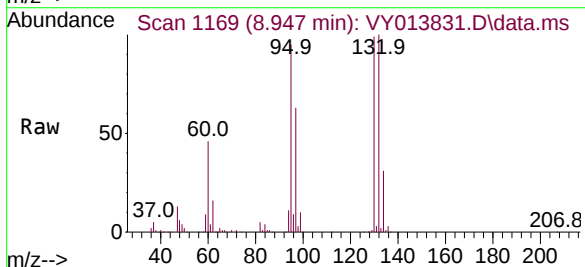
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

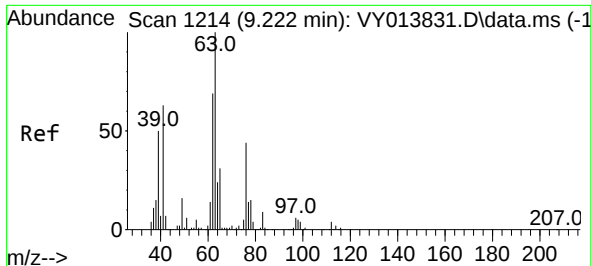
Tgt Ion: 43 Resp: 243279
Ion Ratio Lower Upper
43 100
61 26.4 21.1 31.7
87 12.2 9.8 14.6



#44
Trichloroethene
Concen: 52.316 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion:130 Resp: 163606
Ion Ratio Lower Upper
130 100
95 96.4 0.0 192.8





#45

1,2-Dichloropropane

Concen: 51.954 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

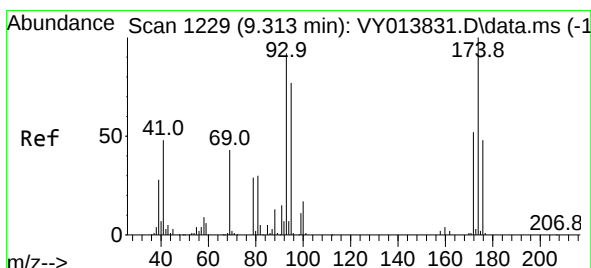
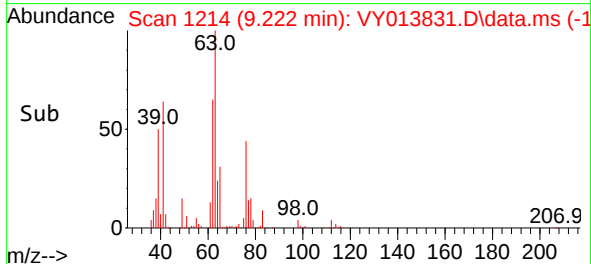
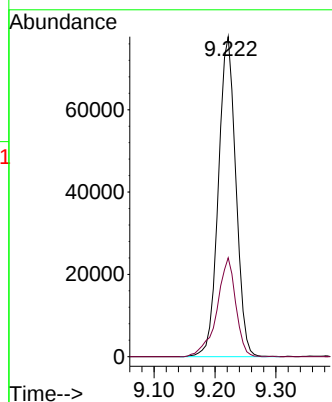
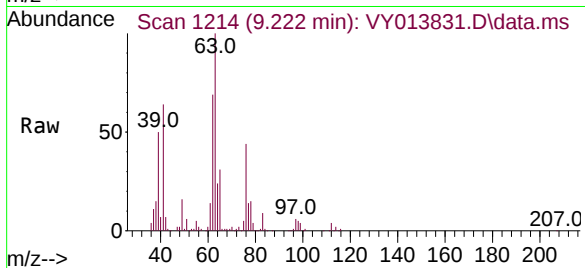
VSTDICCC050

Tgt Ion: 63 Resp: 154488

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



#46

Dibromomethane

Concen: 52.909 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

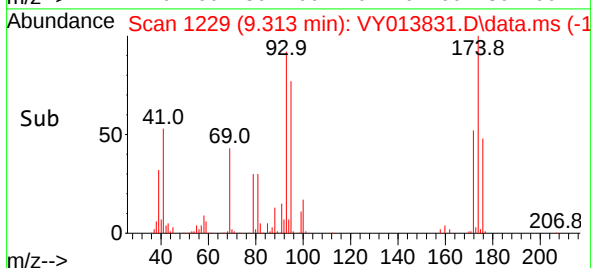
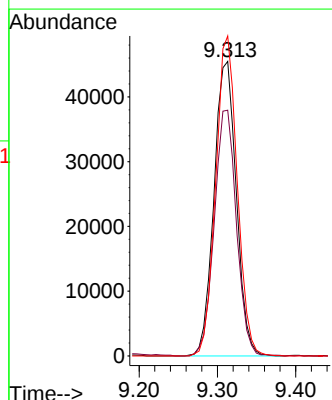
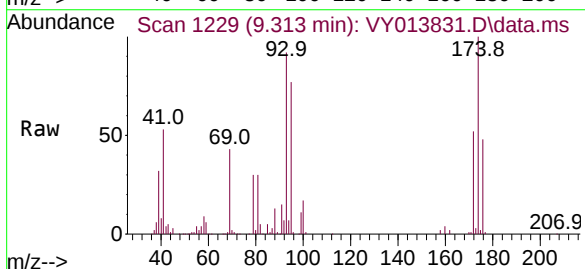
Tgt Ion: 93 Resp: 90103

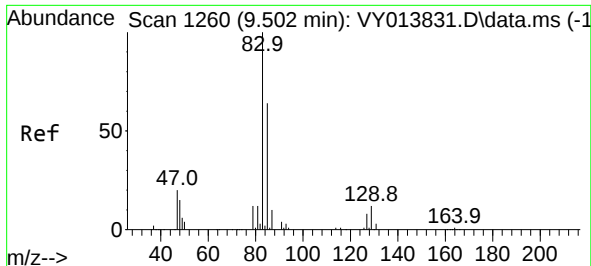
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 104.9 83.9 125.9

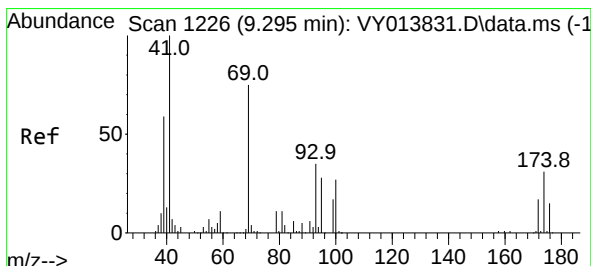
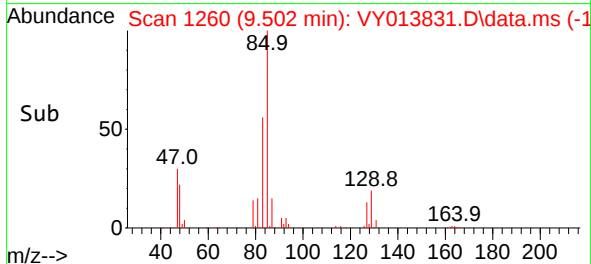
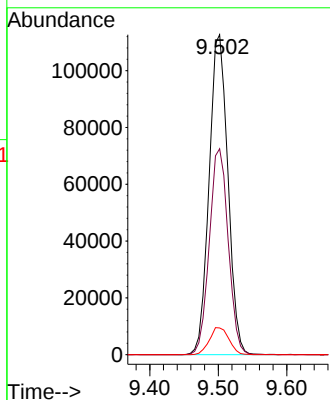
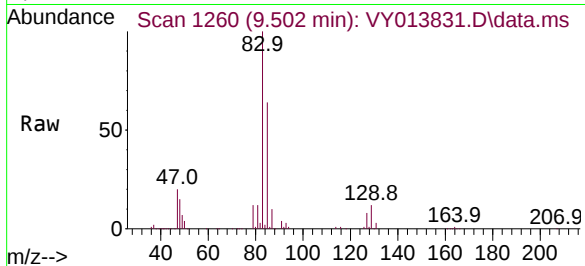




#47
Bromodichloromethane
Concen: 51.544 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

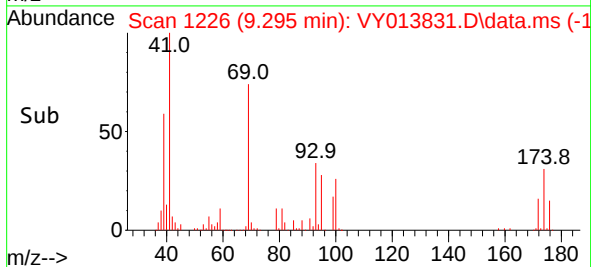
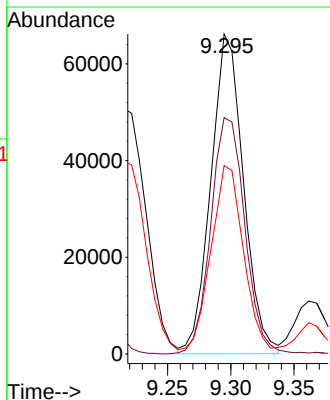
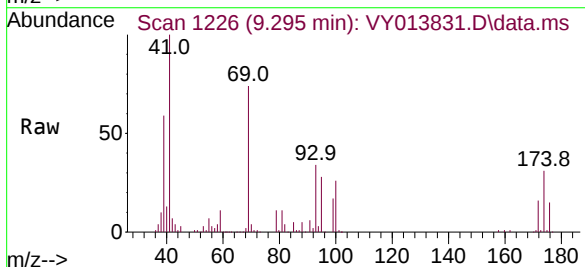
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

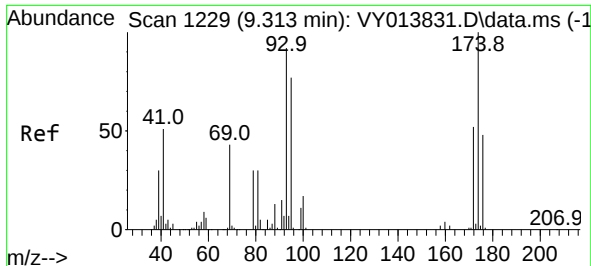
Tgt Ion: 83 Resp: 213917
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 56.187 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 41 Resp: 118524
Ion Ratio Lower Upper
41 100
69 77.5 62.0 93.0
39 57.1 45.7 68.5





#49

1,4-Dioxane

Concen: 1111.899 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

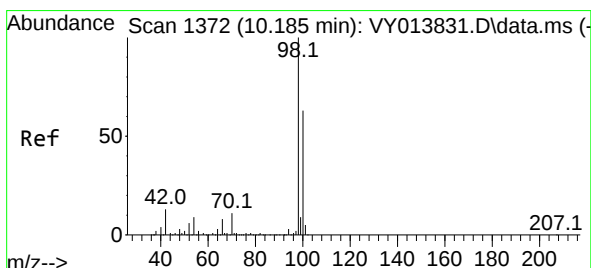
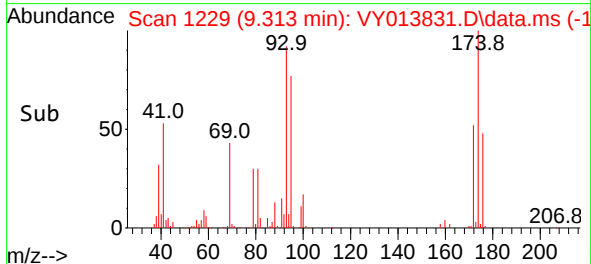
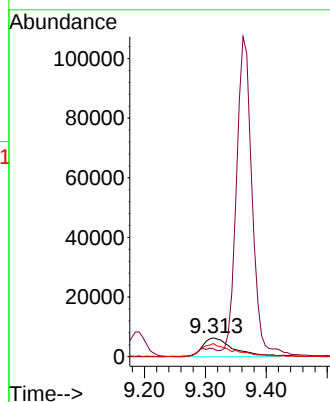
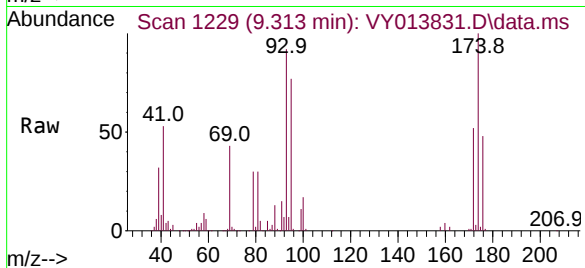
Tgt Ion: 88 Resp: 22254

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.8 59.0 88.6



#50

Toluene-d8

Concen: 48.546 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY013831.D

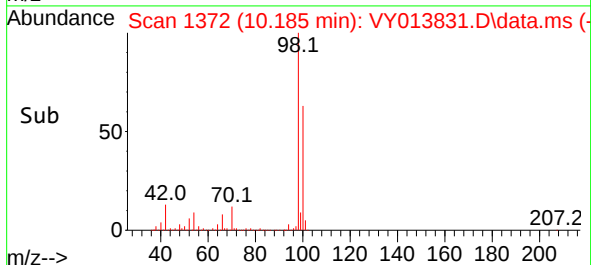
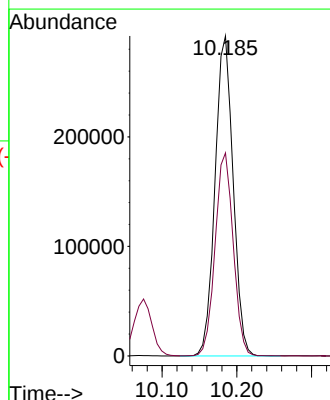
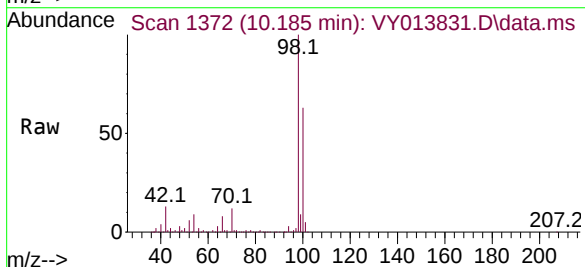
Acq: 23 May 2023 12:30

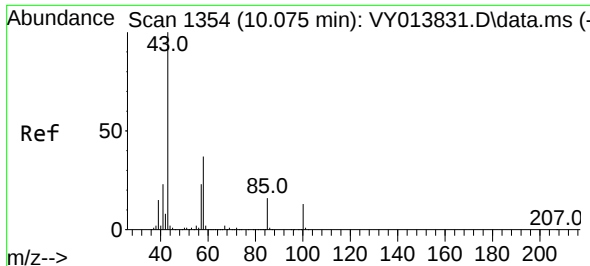
Tgt Ion: 98 Resp: 489562

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2

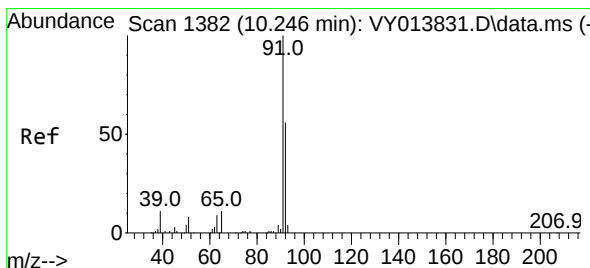
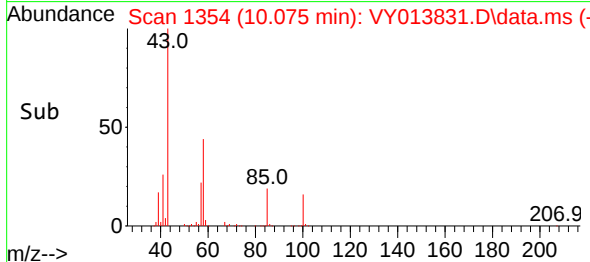
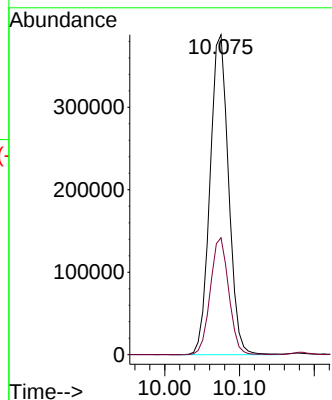
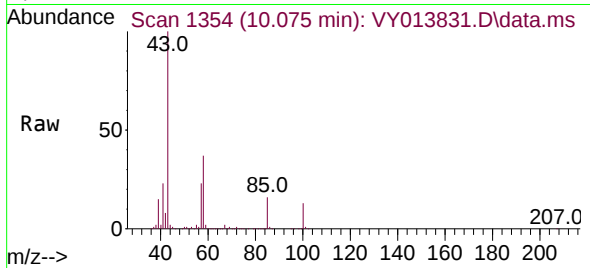




#51
4-Methyl-2-Pentanone
Concen: 278.872 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

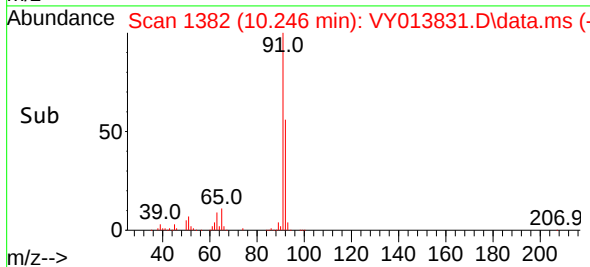
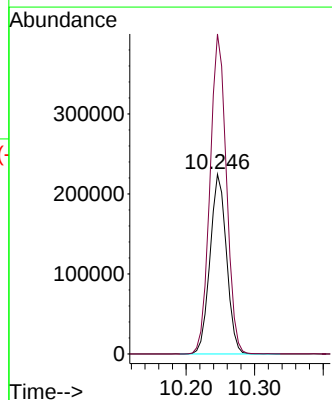
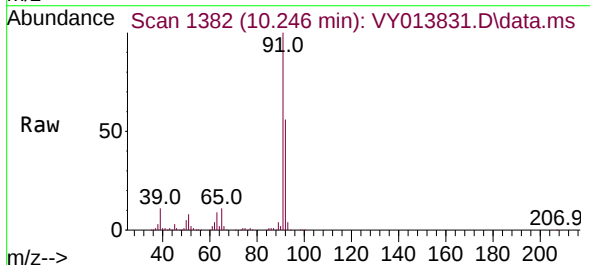
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

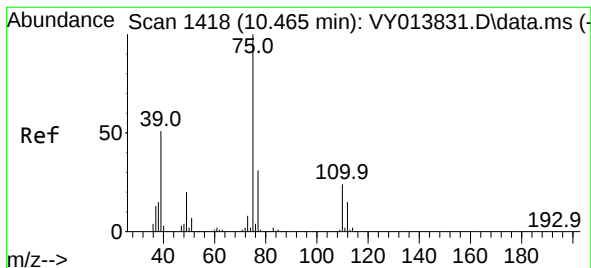
Tgt Ion: 43 Resp: 667619
Ion Ratio Lower Upper
43 100
58 36.4 29.1 43.7



#52
Toluene
Concen: 53.040 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 92 Resp: 375386
Ion Ratio Lower Upper
92 100
91 177.8 142.2 213.4

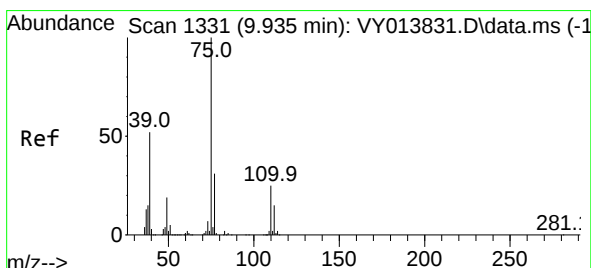
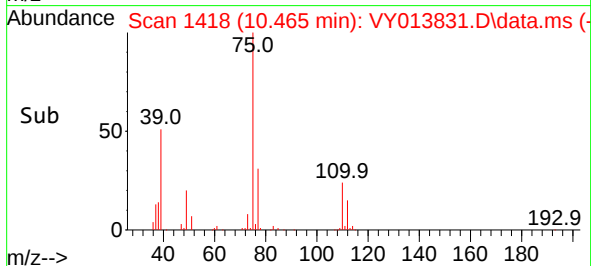
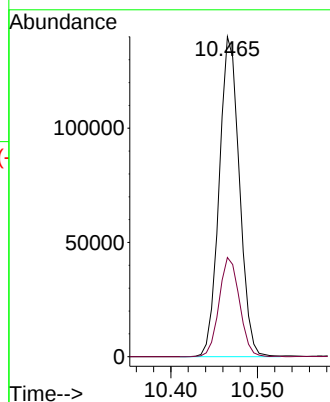
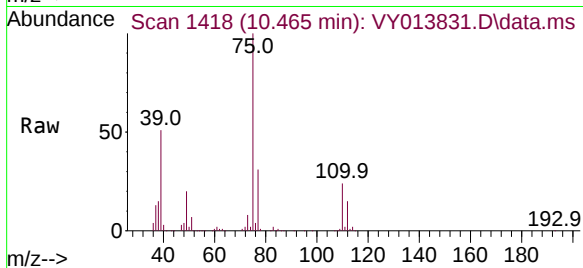




#53
t-1,3-Dichloropropene
Concen: 53.795 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

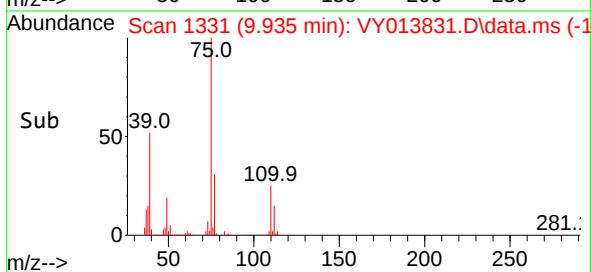
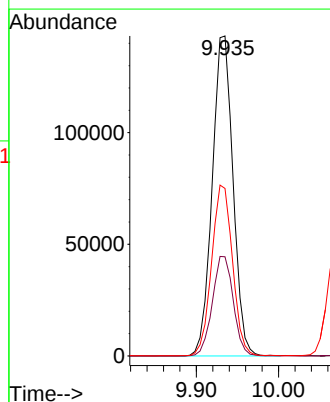
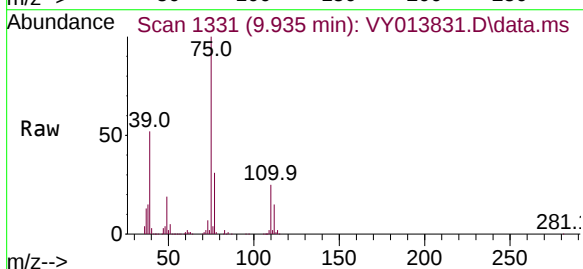
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

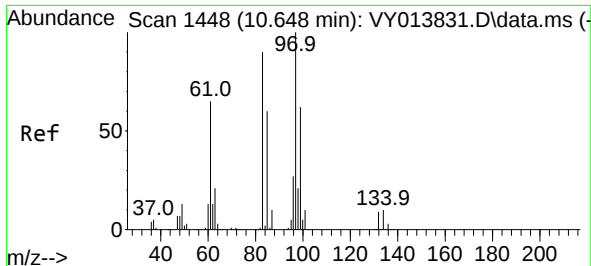
Tgt Ion: 75 Resp: 227259
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 53.243 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 75 Resp: 251983
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 52.3 41.8 62.8

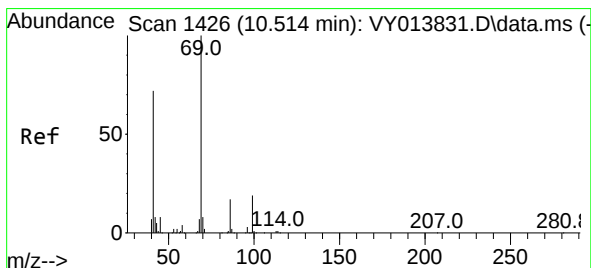
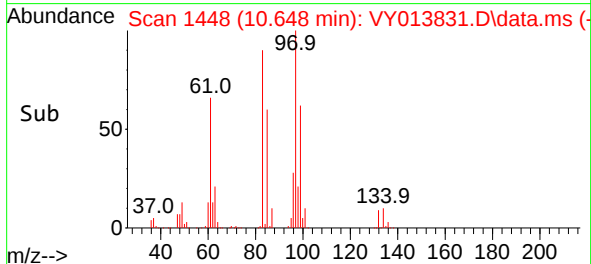
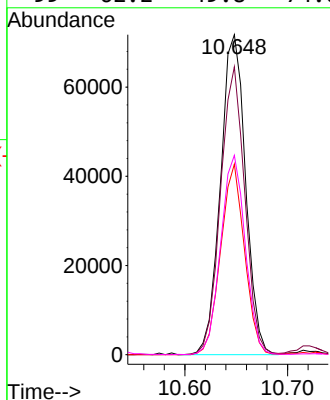
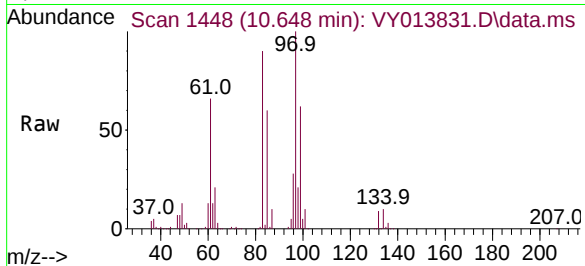




#55
1,1,2-Trichloroethane
Concen: 53.065 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

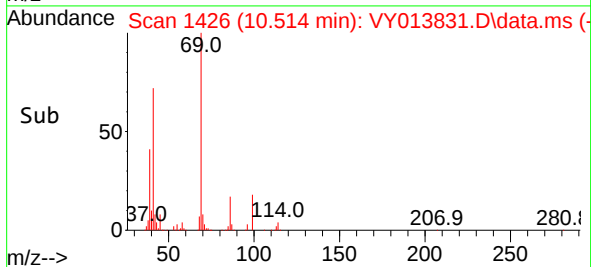
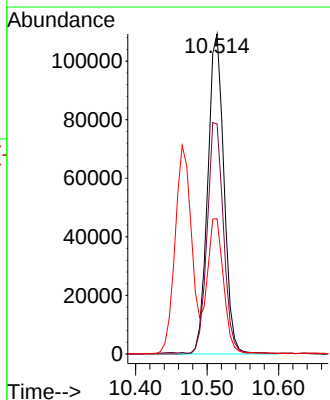
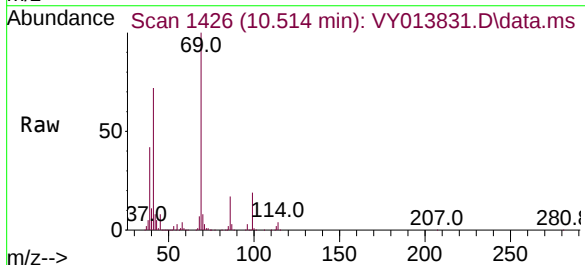
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

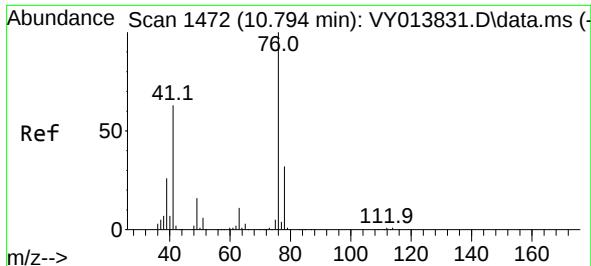
Tgt Ion:	97	Resp:	121577
Ion	Ratio	Lower	Upper
97	100		
83	89.9	71.9	107.9
85	59.5	47.6	71.4
99	62.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 56.136 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion:	69	Resp:	171683
Ion	Ratio	Lower	Upper
69	100		
41	72.2	57.8	86.6
39	42.4	33.9	50.9





#57

1,3-Dichloropropane

Concen: 53.613 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

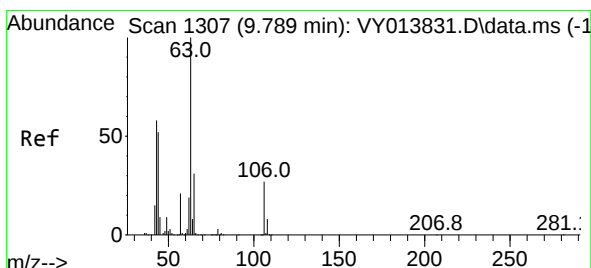
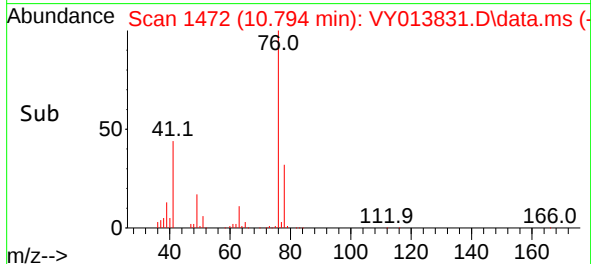
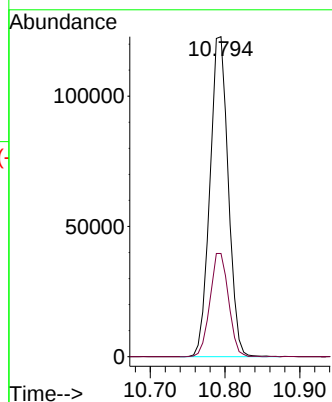
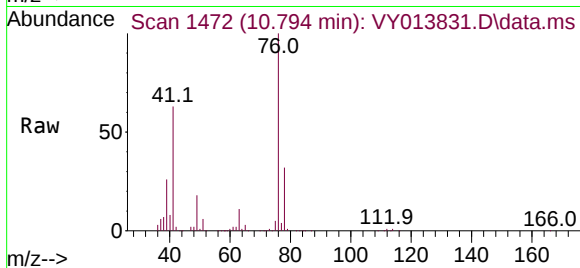
VSTDICCC050

Tgt Ion: 76 Resp: 209194

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 230.542 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY013831.D

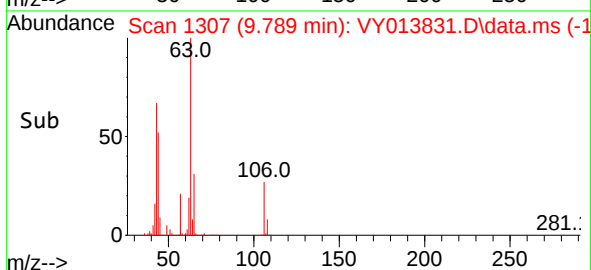
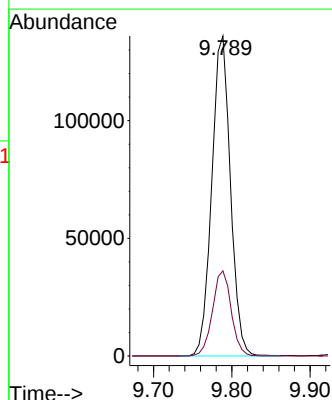
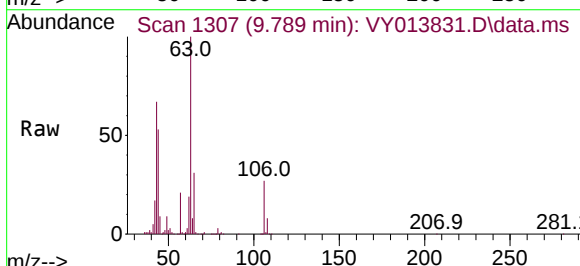
Acq: 23 May 2023 12:30

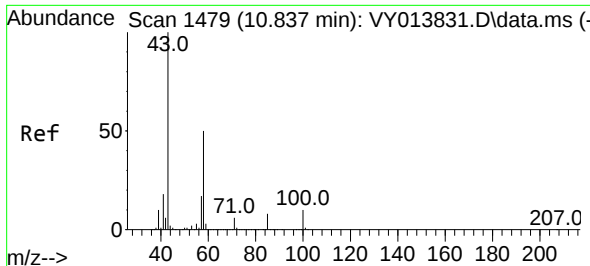
Tgt Ion: 63 Resp: 224974

Ion Ratio Lower Upper

63 100

106 26.6 21.3 31.9

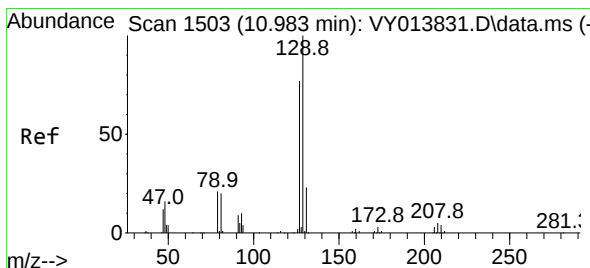
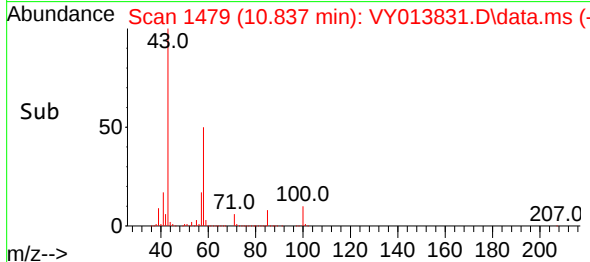
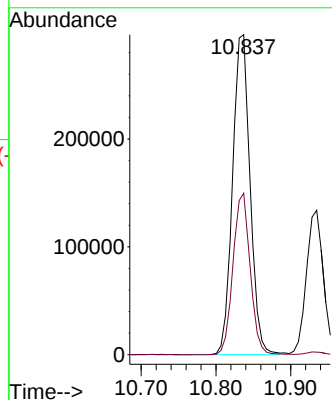
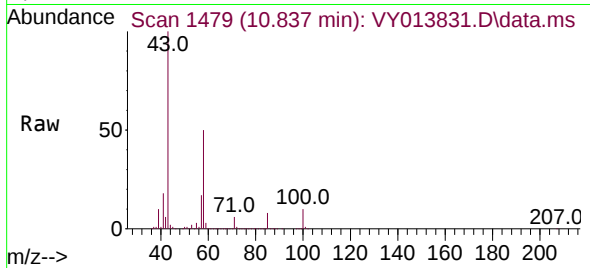




#59
2-Hexanone
Concen: 284.379 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

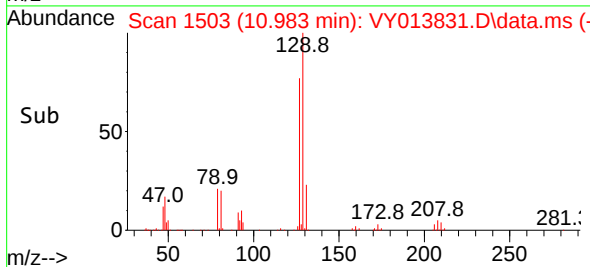
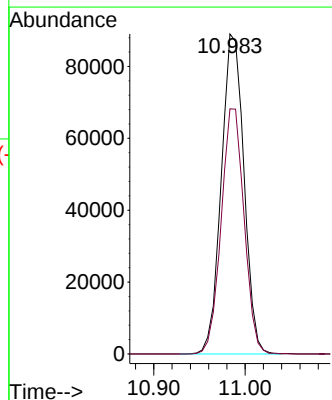
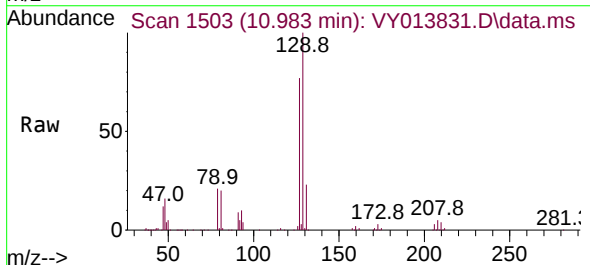
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

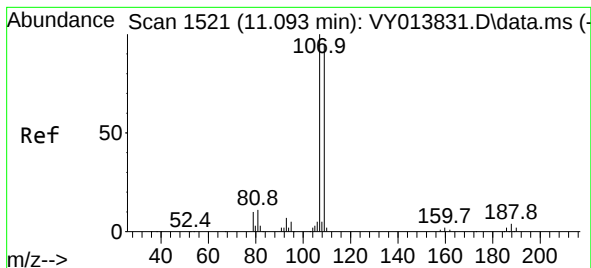
Tgt Ion: 43 Resp: 484264
Ion Ratio Lower Upper
43 100
58 49.5 24.8 74.3



#60
Dibromochloromethane
Concen: 52.970 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 129 Resp: 153517
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 54.092 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

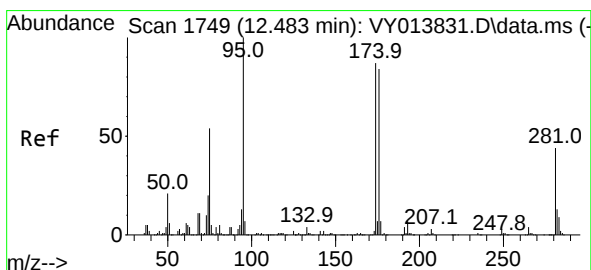
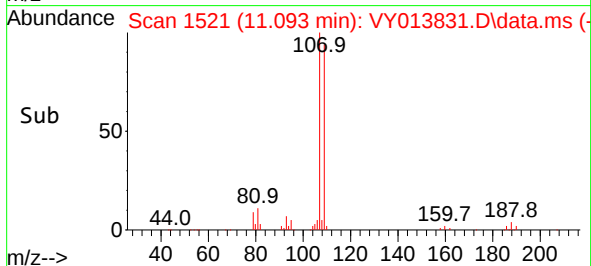
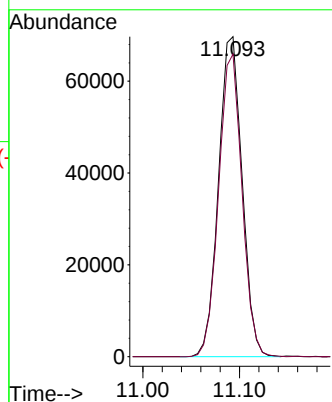
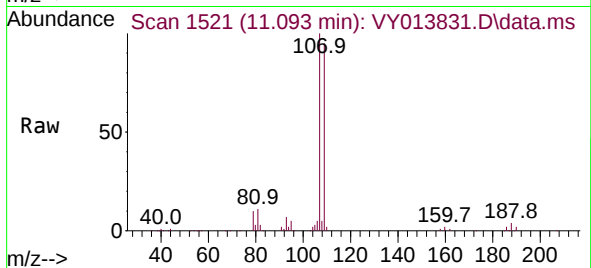
VSTDICCC050

Tgt Ion:107 Resp: 117895

Ion Ratio Lower Upper

107 100

109 93.6 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 50.223 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

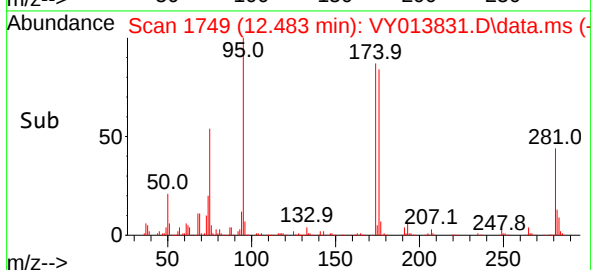
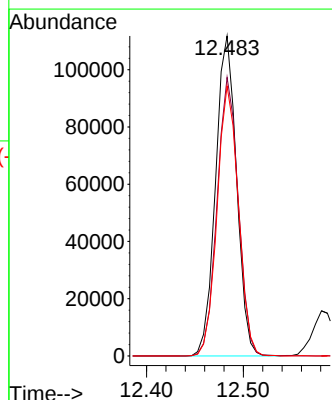
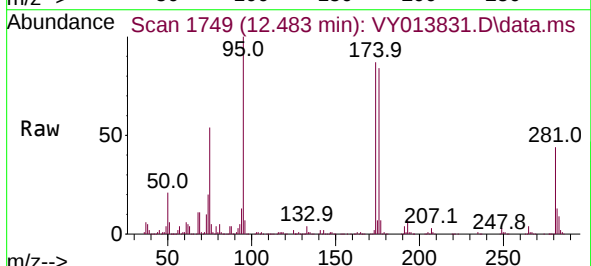
Tgt Ion: 95 Resp: 168352

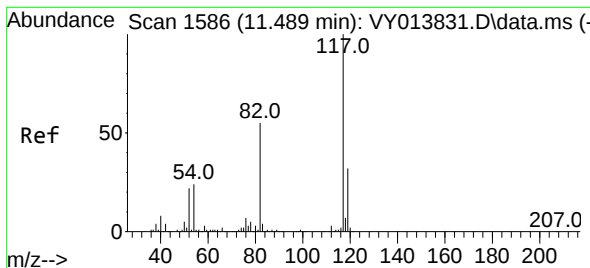
Ion Ratio Lower Upper

95 100

174 88.0 0.0 176.0

176 85.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

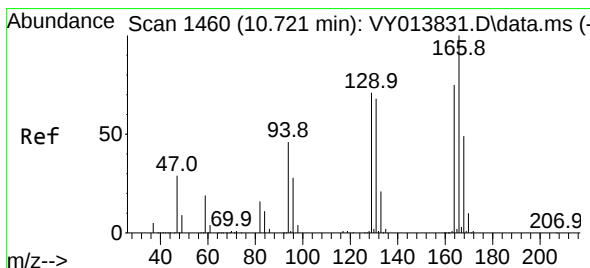
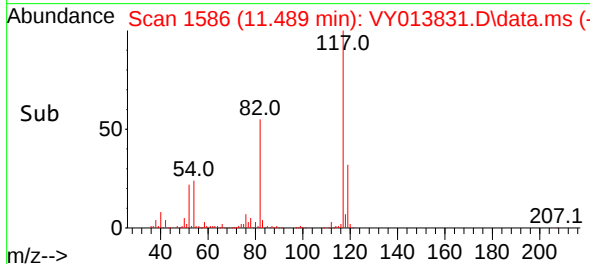
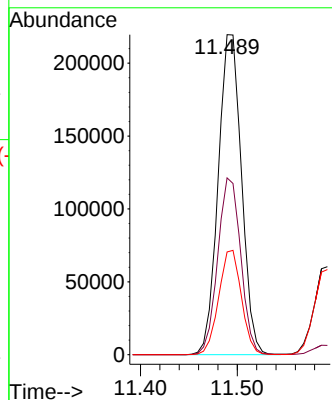
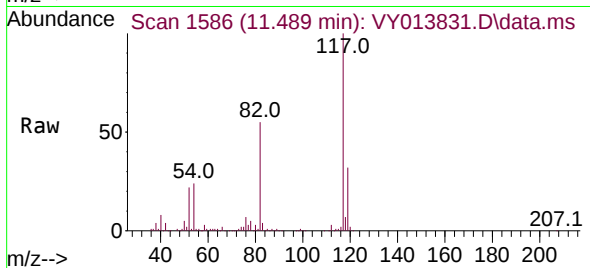
Tgt Ion:117 Resp: 367664

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.4

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 52.611 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Tgt Ion:164 Resp: 143121

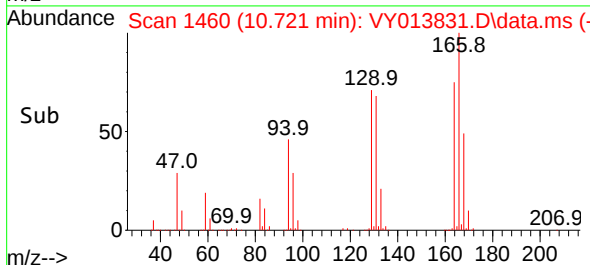
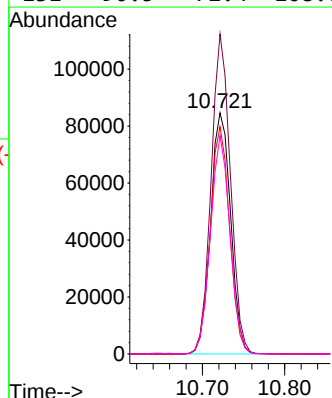
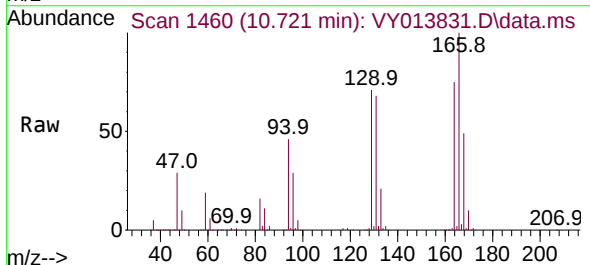
Ion Ratio Lower Upper

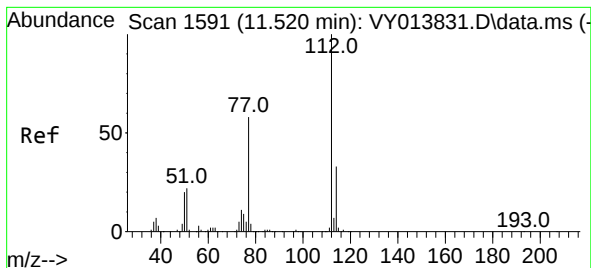
164 100

166 132.7 106.2 159.2

129 94.2 75.4 113.0

131 90.5 72.4 108.6





#65

Chlorobenzene

Concen: 51.759 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

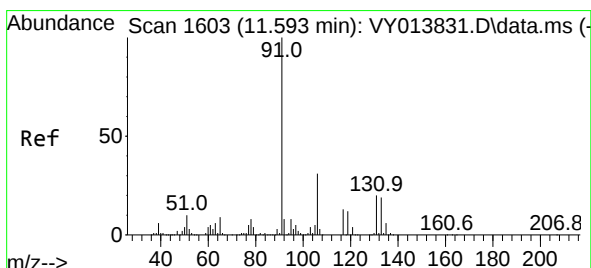
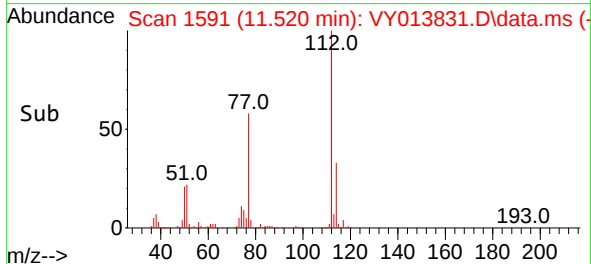
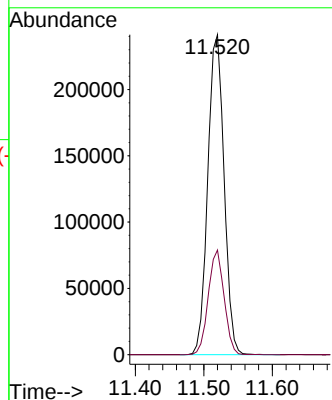
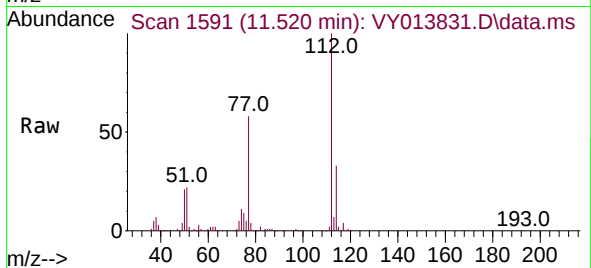
VSTDICCC050

Tgt Ion:112 Resp: 398846

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 51.529 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

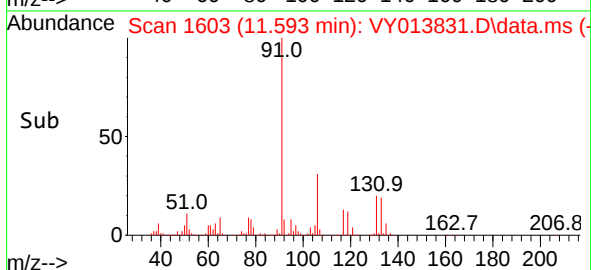
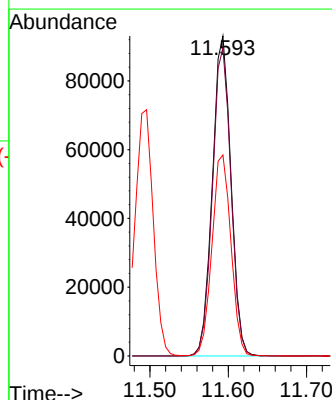
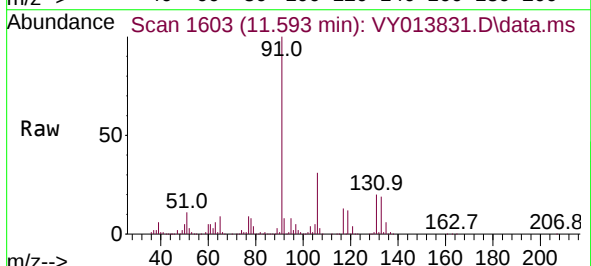
Tgt Ion:131 Resp: 153253

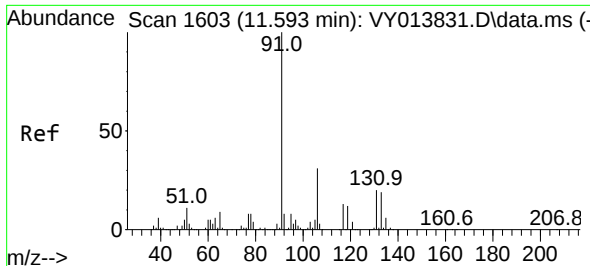
Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.7

119 64.3 32.1 96.5

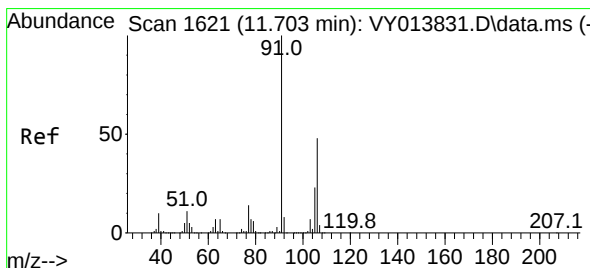
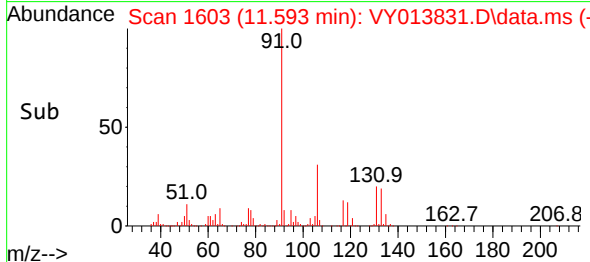
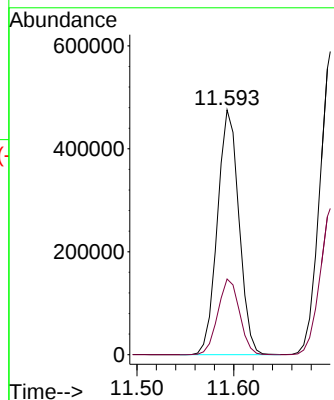
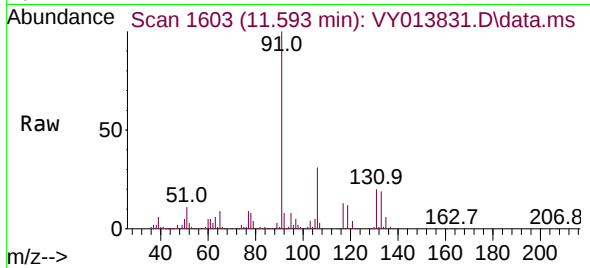




#67
Ethyl Benzene
Concen: 53.010 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

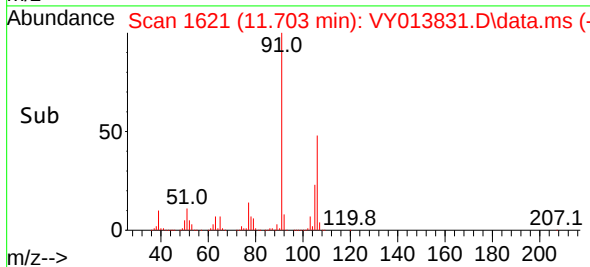
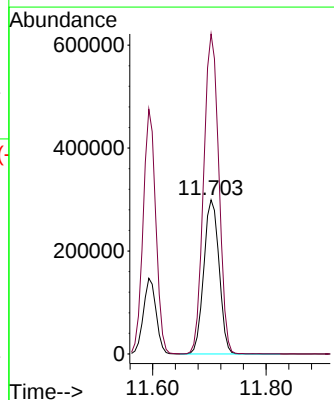
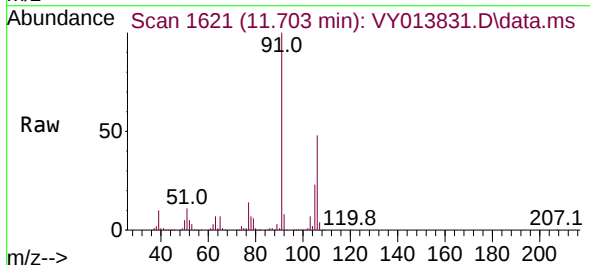
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

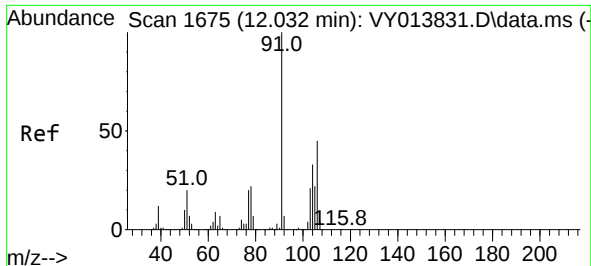
Tgt Ion: 91 Resp: 735094
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 106.713 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 106 Resp: 560017
Ion Ratio Lower Upper
106 100
91 206.1 164.9 247.3

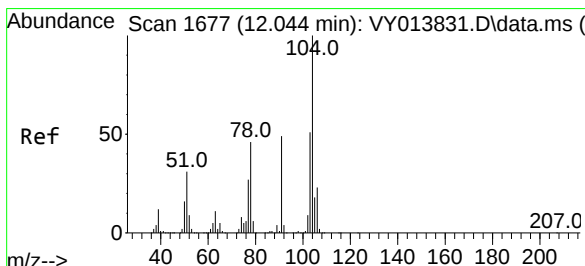
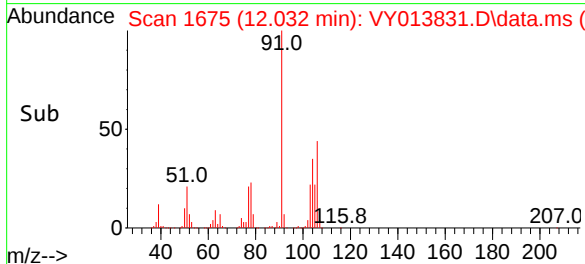
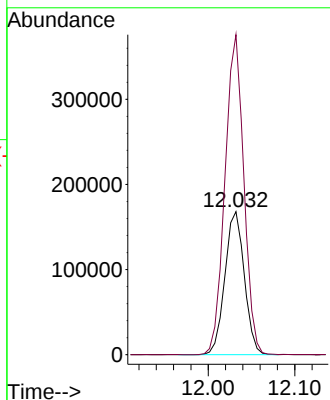
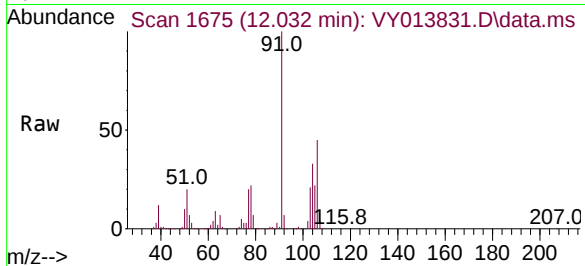




#69
o-Xylene
Concen: 52.935 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

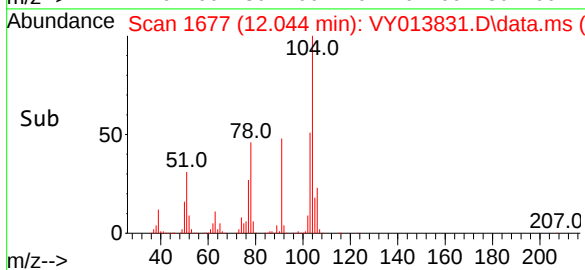
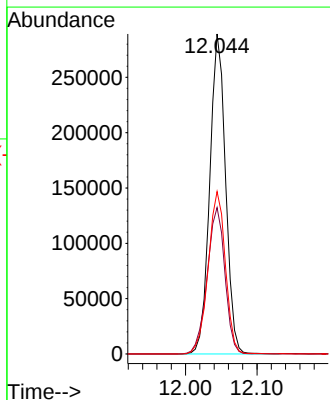
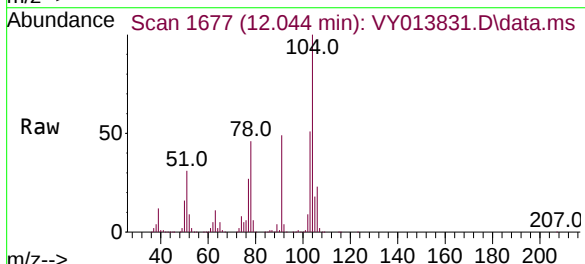
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

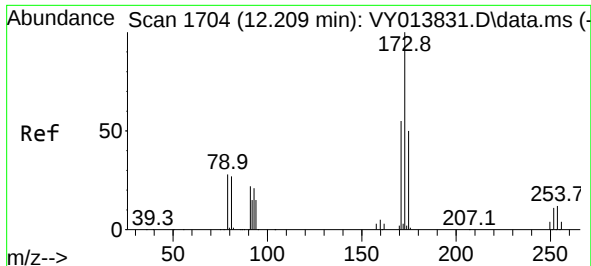
Tgt Ion:106 Resp: 261673
Ion Ratio Lower Upper
106 100
91 218.0 109.0 327.0



#70
Styrene
Concen: 53.164 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion:104 Resp: 445174
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 55.3 44.2 66.4

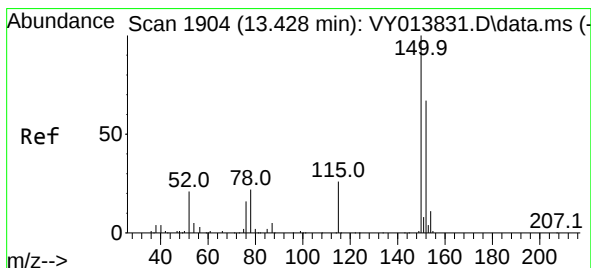
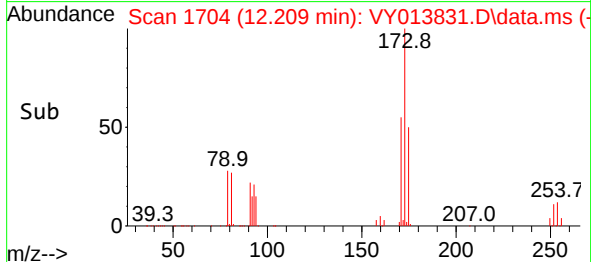
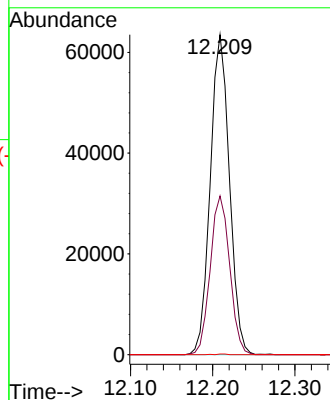
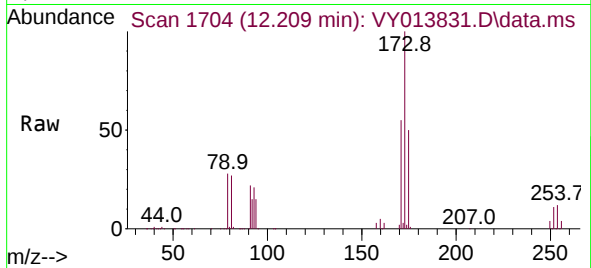




#71
Bromoform
Concen: 52.941 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

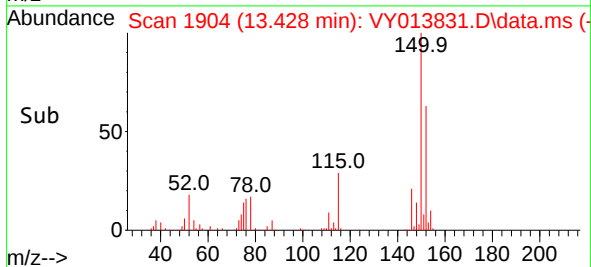
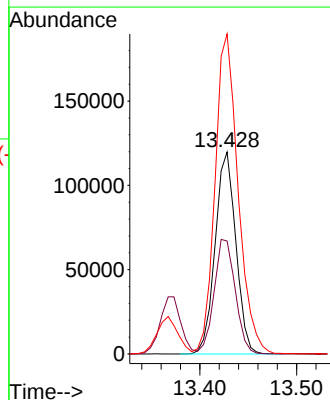
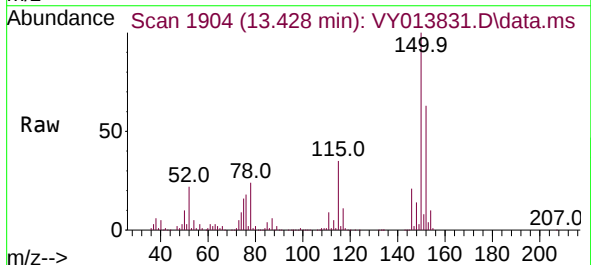
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

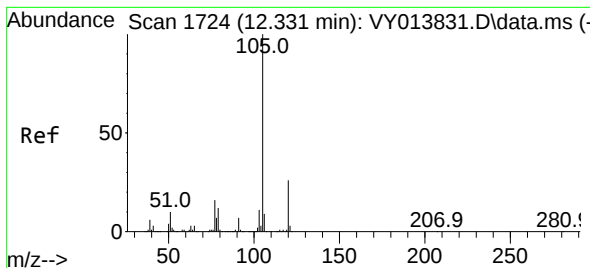
Tgt Ion:173 Resp: 102909
Ion Ratio Lower Upper
173 100
175 50.3 25.1 75.4
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion:152 Resp: 177645
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 176.7 0.0 353.4





#73

Isopropylbenzene

Concen: 53.174 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

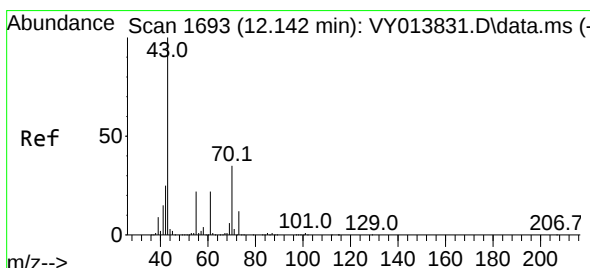
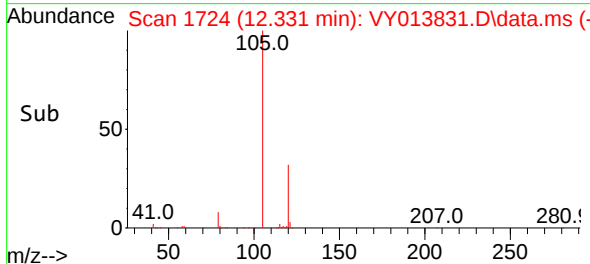
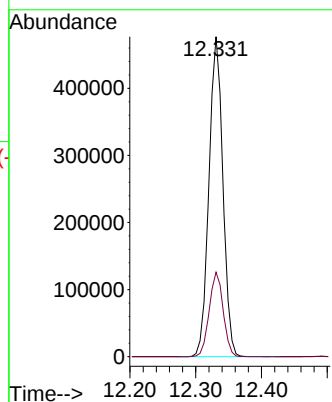
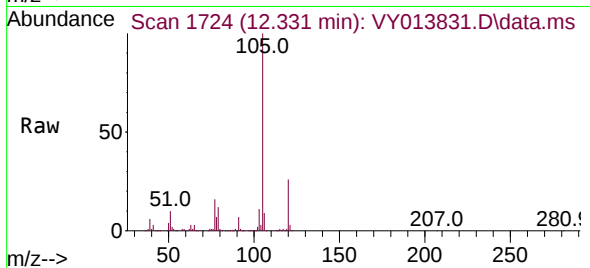
VSTDICCC050

Tgt Ion:105 Resp: 703072

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 55.519 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Tgt Ion: 43 Resp: 220703

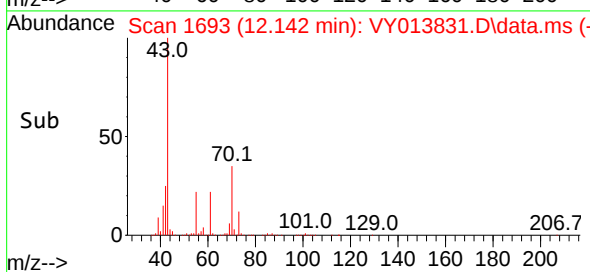
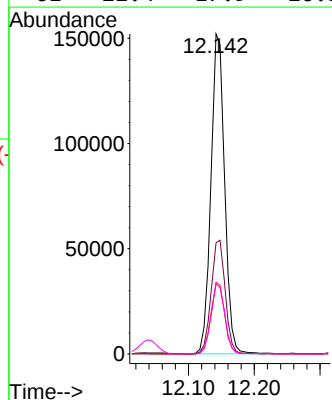
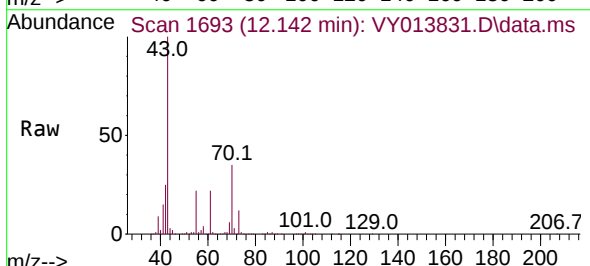
Ion Ratio Lower Upper

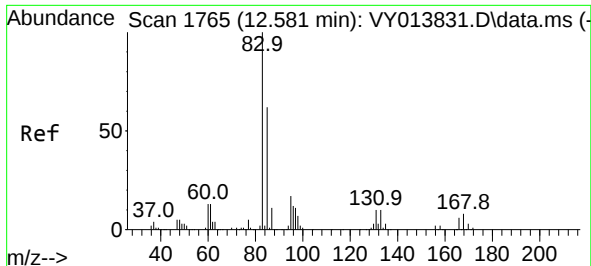
43 100

70 36.6 29.3 43.9

55 22.5 18.0 27.0

61 22.4 17.9 26.9

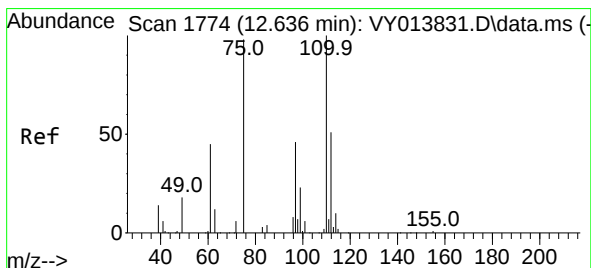
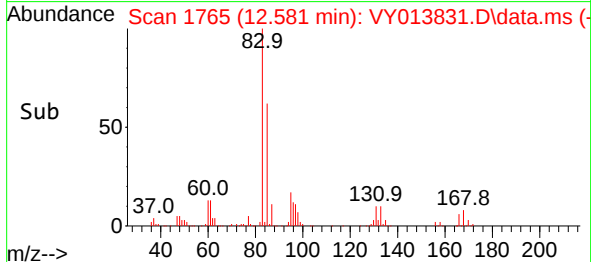
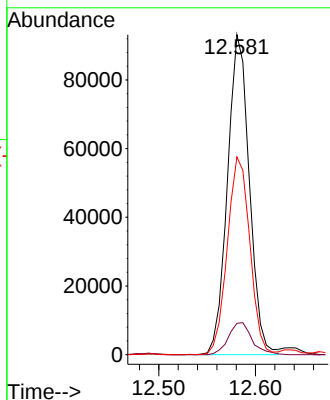
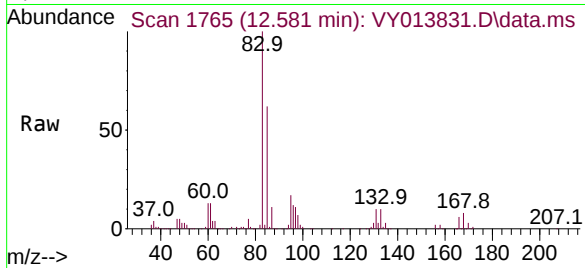




#75
1,1,2,2-Tetrachloroethane
Concen: 53.595 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

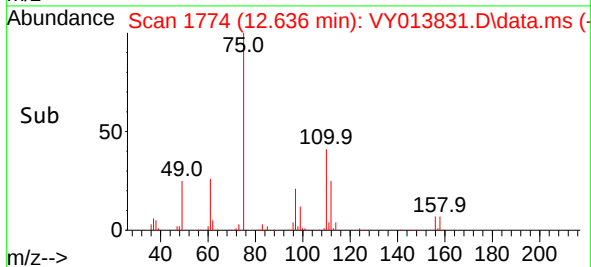
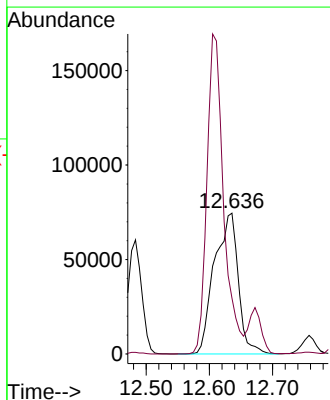
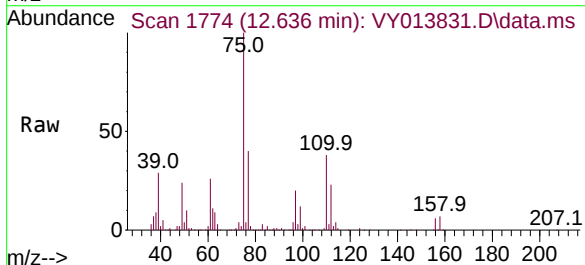
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

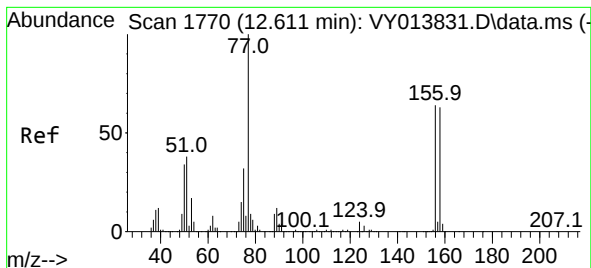
Tgt Ion: 83 Resp: 146695
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 63.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 93.214 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 75 Resp: 195253
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.401 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

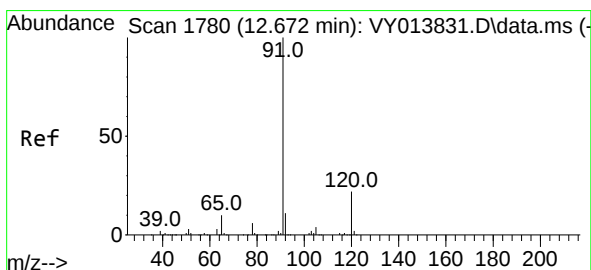
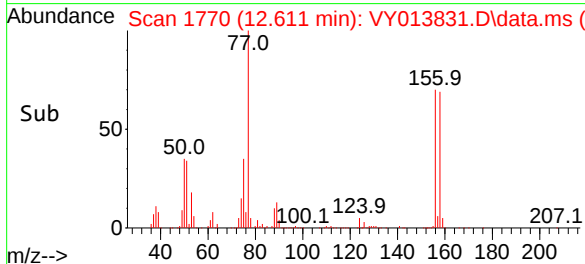
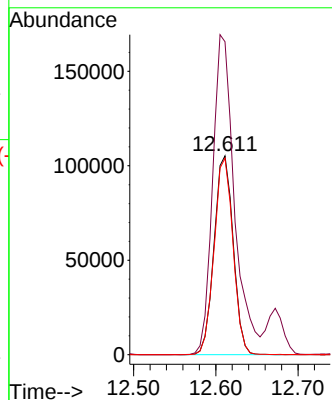
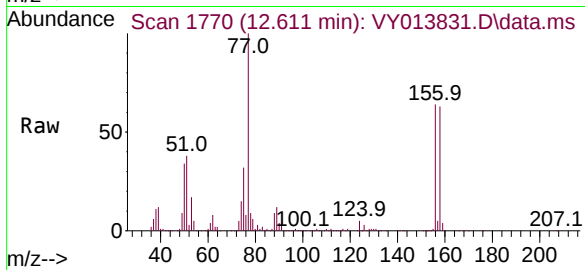
Tgt Ion:156 Resp: 170004

Ion Ratio Lower Upper

156 100

77 183.2 91.6 274.8

158 97.7 48.9 146.6



#78

n-propylbenzene

Concen: 53.375 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013831.D

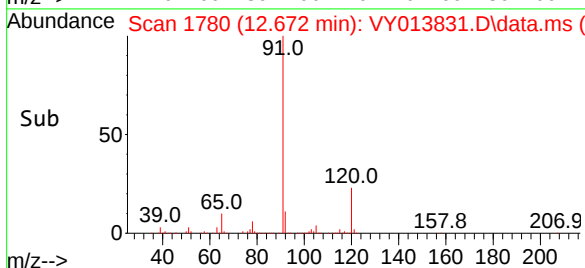
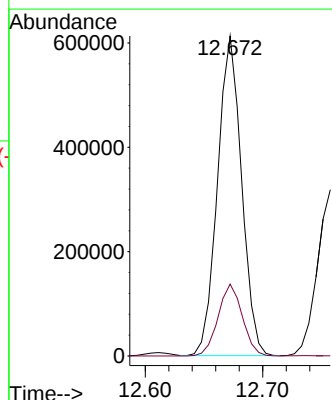
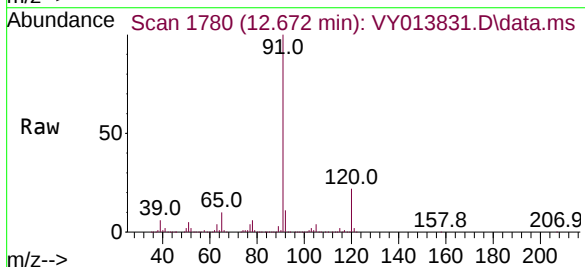
Acq: 23 May 2023 12:30

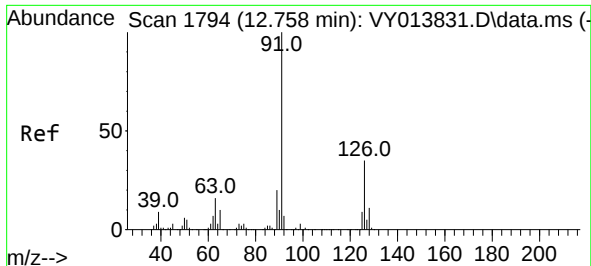
Tgt Ion: 91 Resp: 871852

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9





#79

2-Chlorotoluene

Concen: 51.635 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

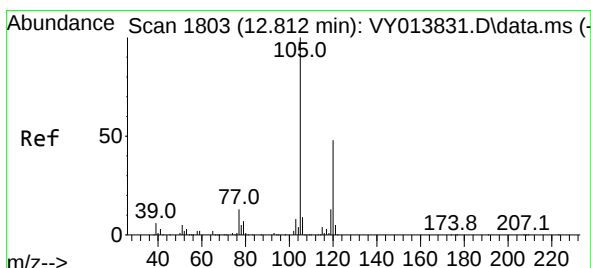
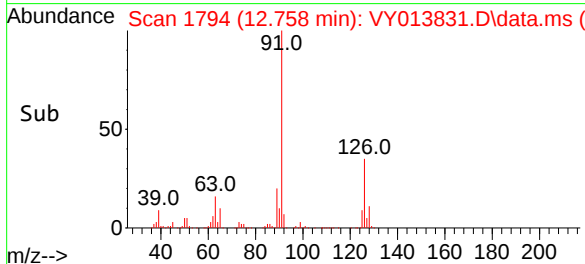
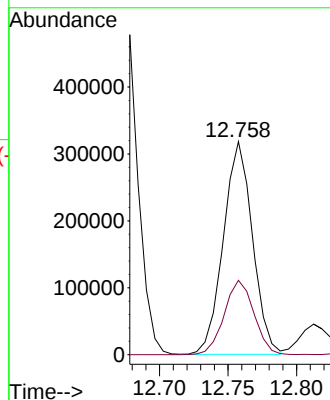
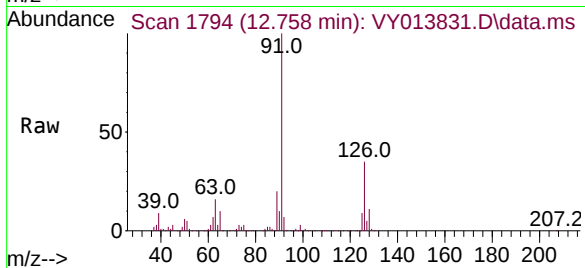
VSTDICCC050

Tgt Ion: 91 Resp: 471117

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 53.887 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013831.D

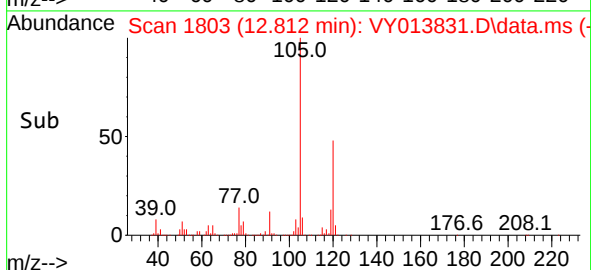
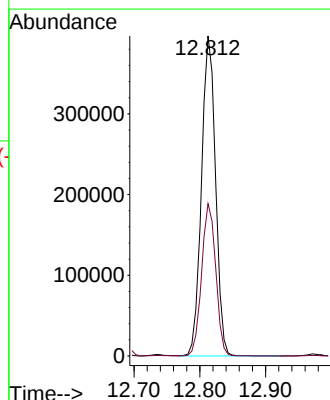
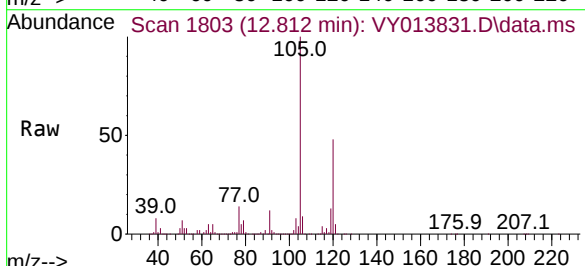
Acq: 23 May 2023 12:30

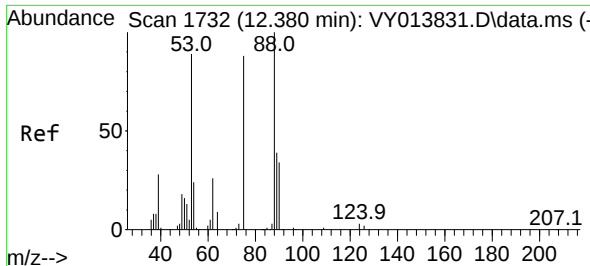
Tgt Ion:105 Resp: 588133

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7

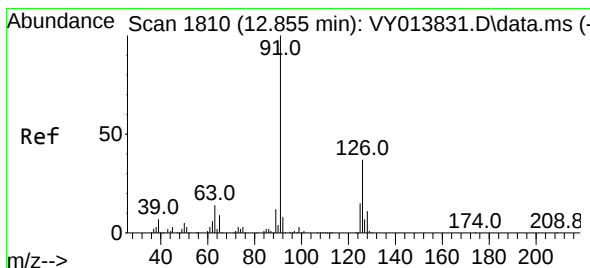
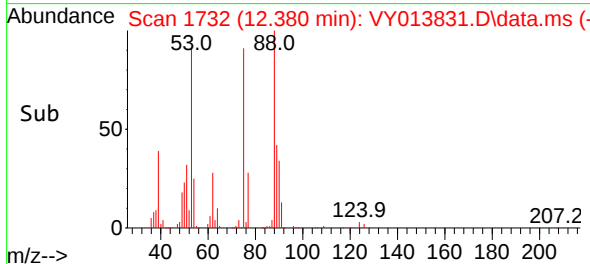
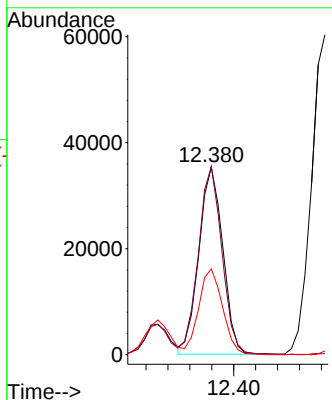
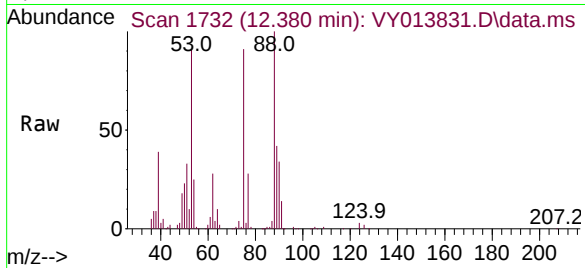




#81
trans-1,4-Dichloro-2-butene
Concen: 55.411 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

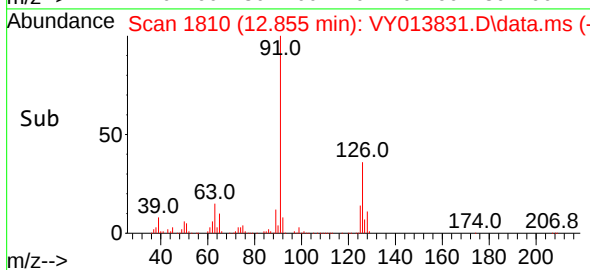
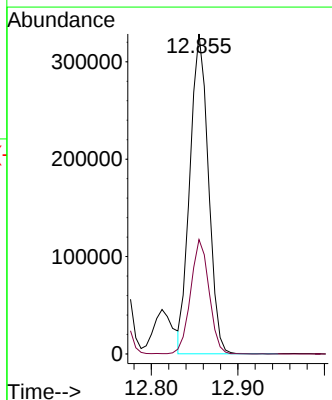
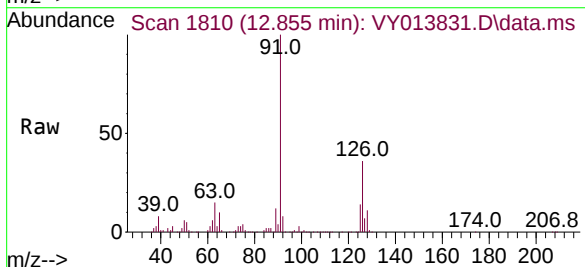
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

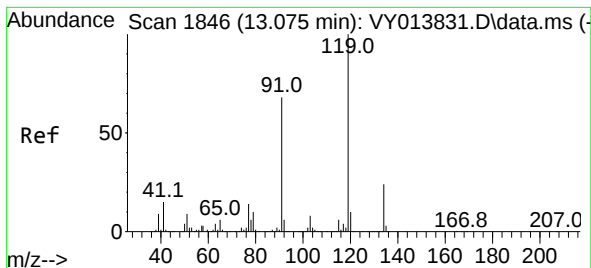
Tgt Ion: 75 Resp: 53471
Ion Ratio Lower Upper
75 100
53 99.6 79.7 119.5
89 45.5 36.4 54.6



#82
4-Chlorotoluene
Concen: 51.445 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013831.D
Acq: 23 May 2023 12:30

Tgt Ion: 91 Resp: 485146
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.7





#83

tert-Butylbenzene

Concen: 52.569 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

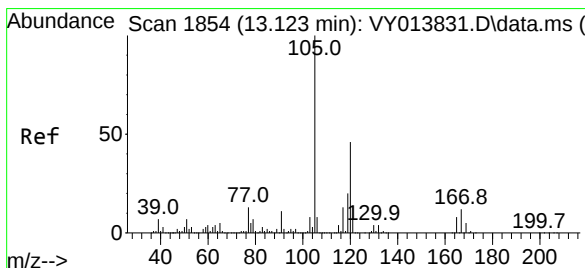
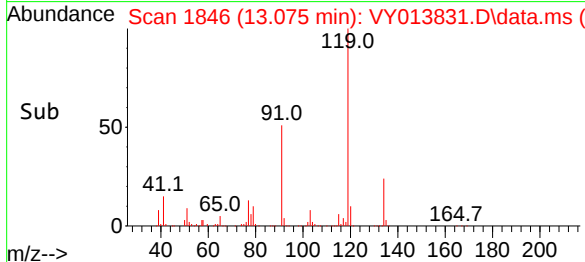
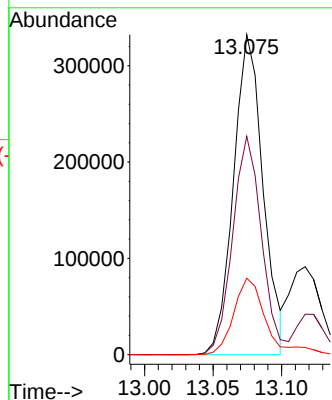
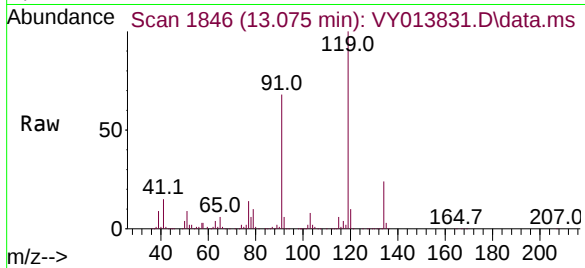
Tgt Ion:119 Resp: 499707

Ion Ratio Lower Upper

119 100

91 67.3 33.7 101.0

134 26.1 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 53.526 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013831.D

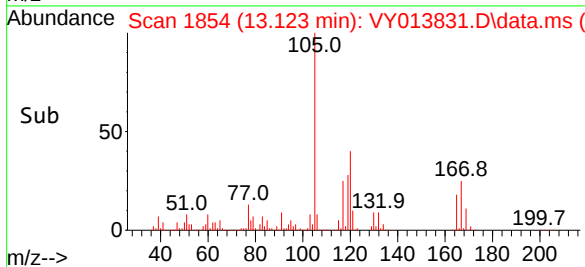
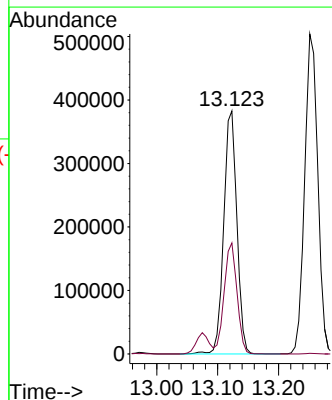
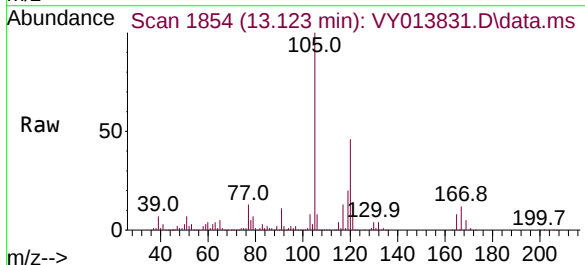
Acq: 23 May 2023 12:30

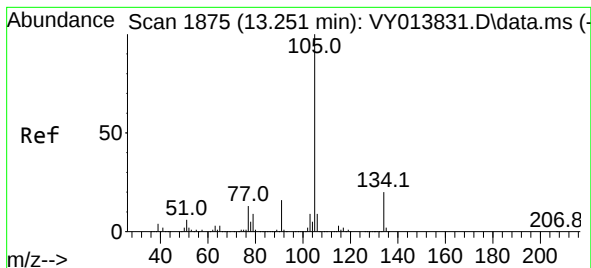
Tgt Ion:105 Resp: 573446

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 53.253 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

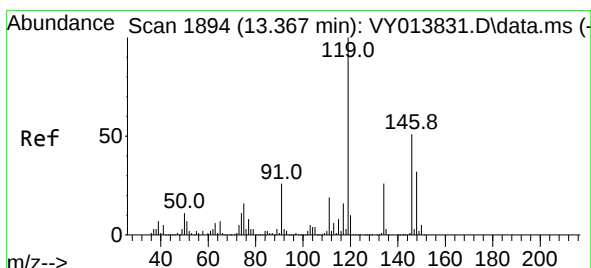
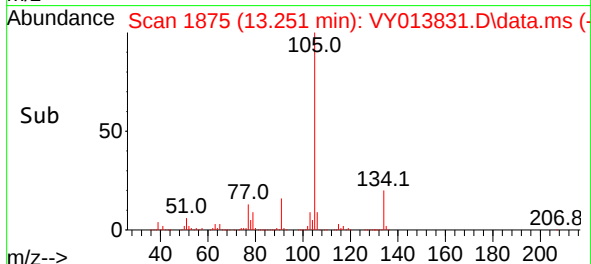
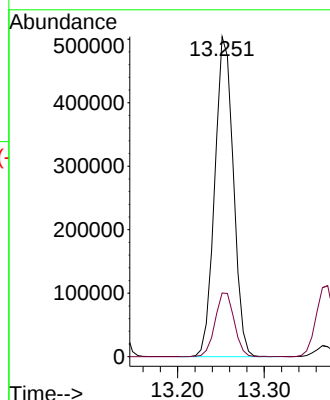
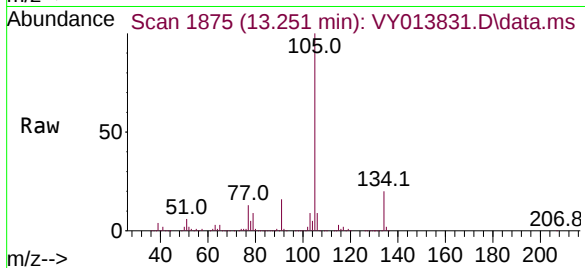
VSTDICCC050

Tgt Ion:105 Resp: 751953

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 52.990 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

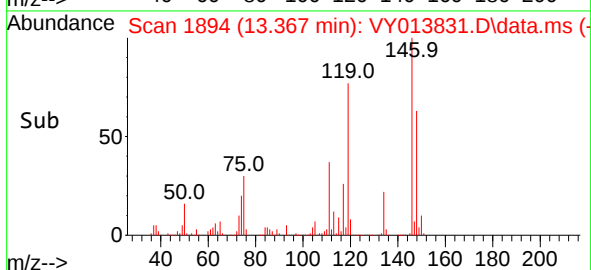
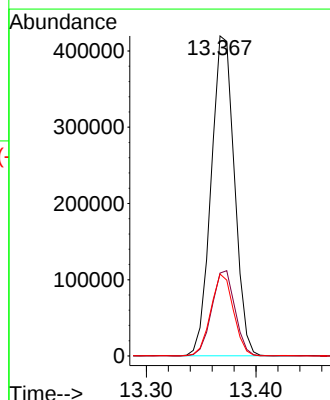
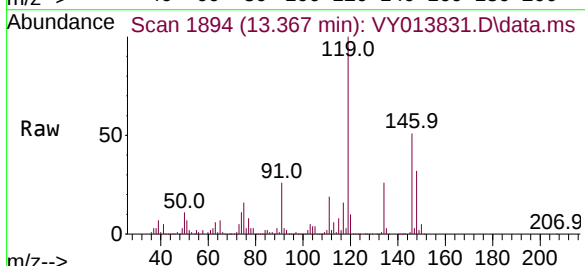
Tgt Ion:119 Resp: 618436

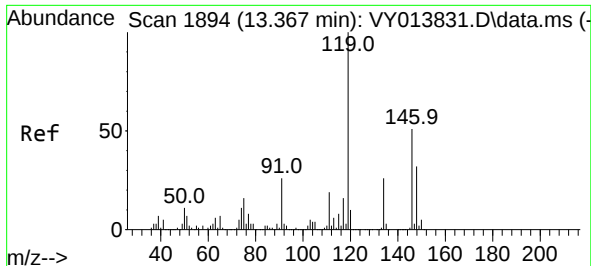
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 24.9 12.4 37.4

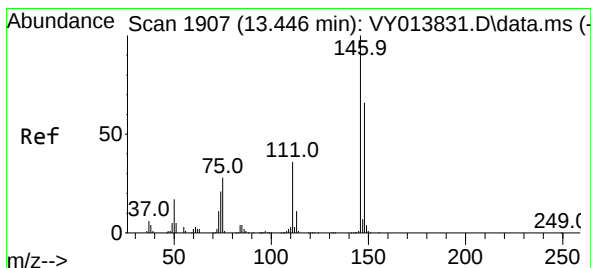
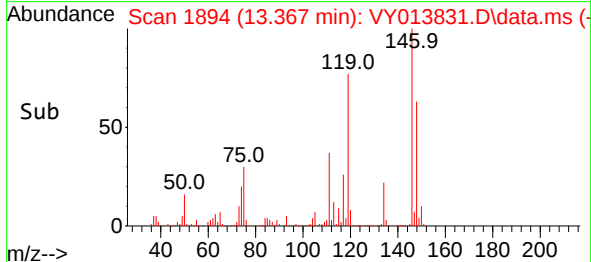
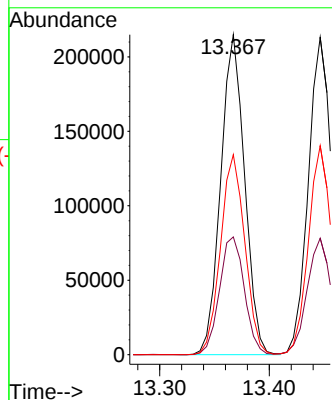
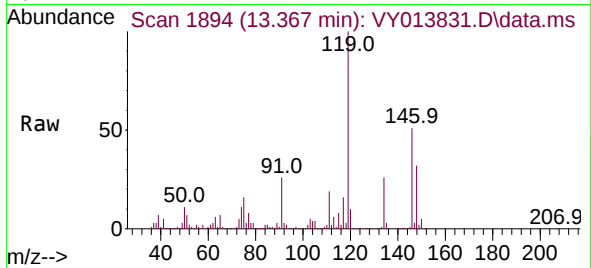




#87
 1,3-Dichlorobenzene
 Concen: 51.960 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013831.D
 Acq: 23 May 2023 12:30

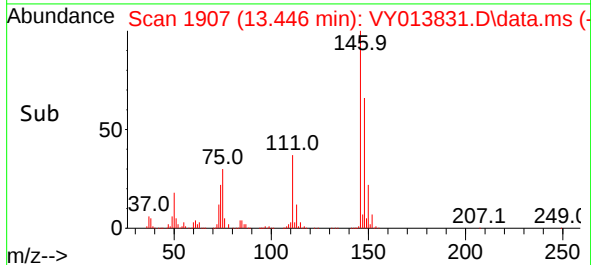
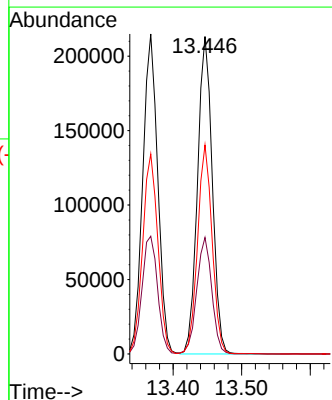
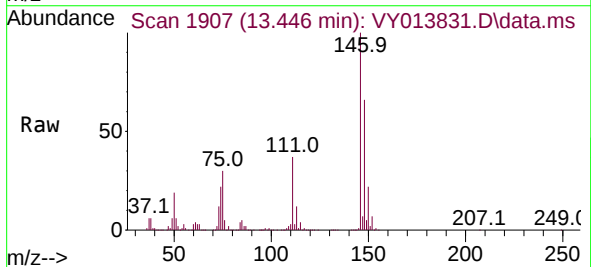
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

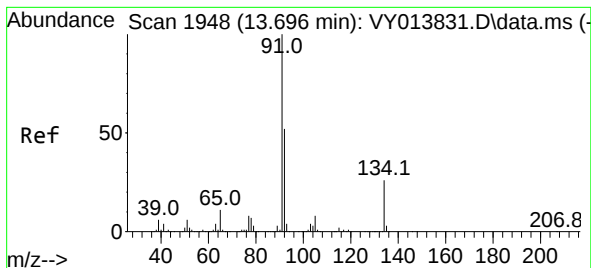
Tgt Ion:146 Resp: 325584
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.382 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY013831.D
 Acq: 23 May 2023 12:30

Tgt Ion:146 Resp: 320536
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.8 32.4 97.2





#89

n-Butylbenzene

Concen: 52.914 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

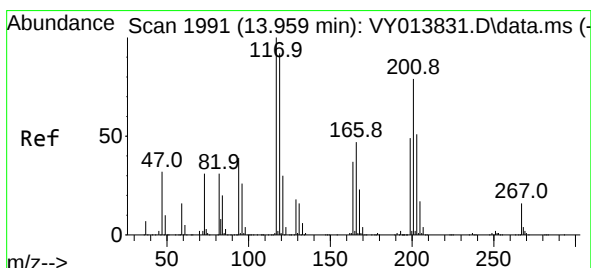
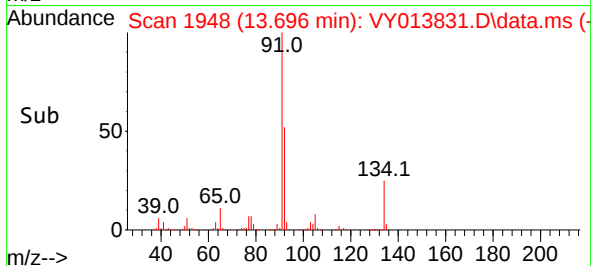
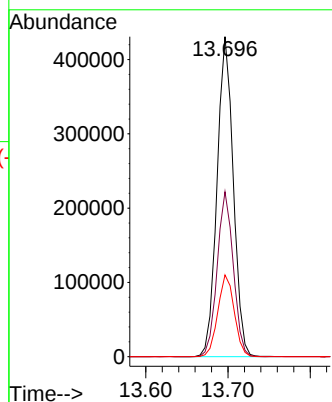
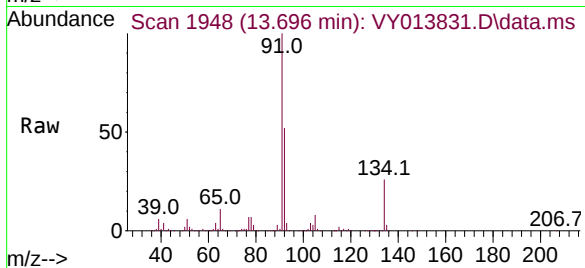
Tgt Ion: 91 Resp: 592200

Ion Ratio Lower Upper

91 100

92 51.1 25.6 76.6

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 50.573 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013831.D

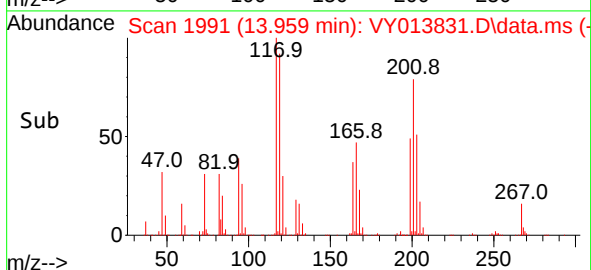
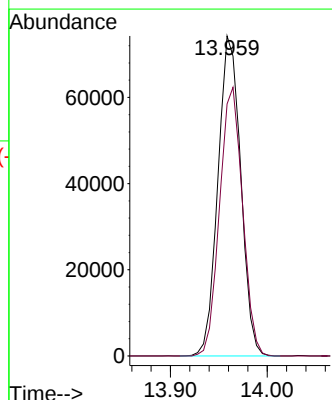
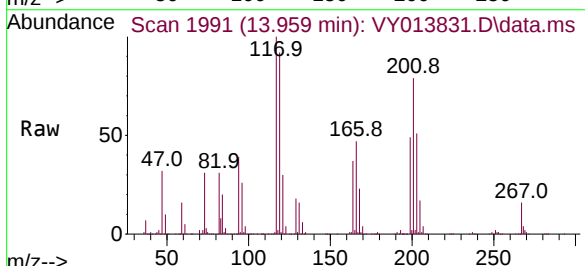
Acq: 23 May 2023 12:30

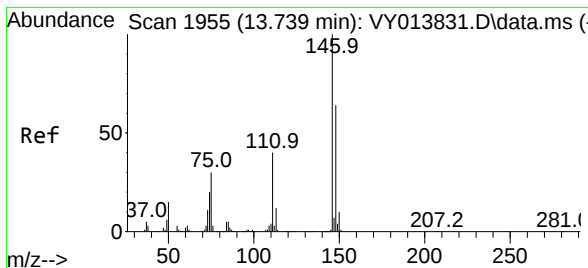
Tgt Ion: 117 Resp: 121184

Ion Ratio Lower Upper

117 100

201 84.5 42.3 126.8





#91

1,2-Dichlorobenzene

Concen: 52.073 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

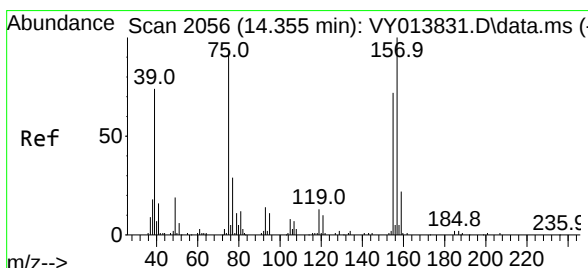
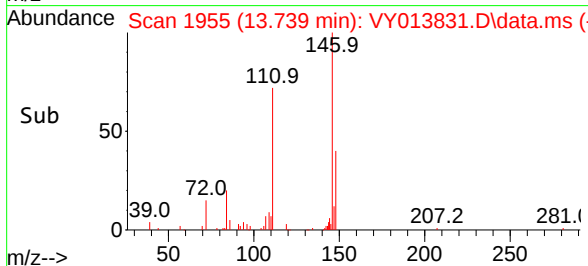
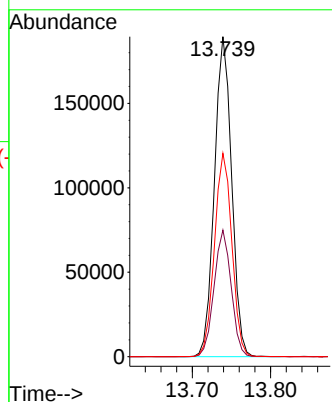
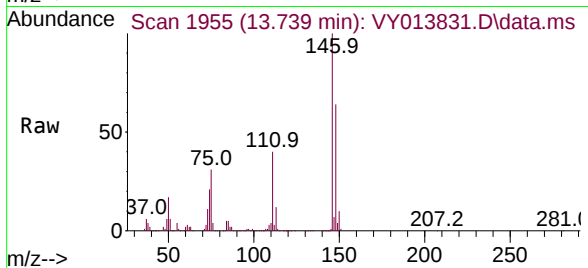
Tgt Ion:146 Resp: 289983

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

148 64.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.078 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

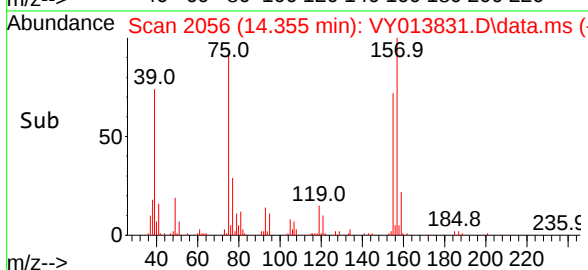
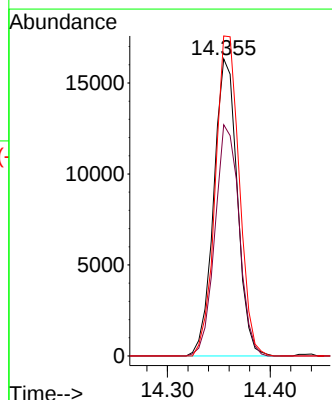
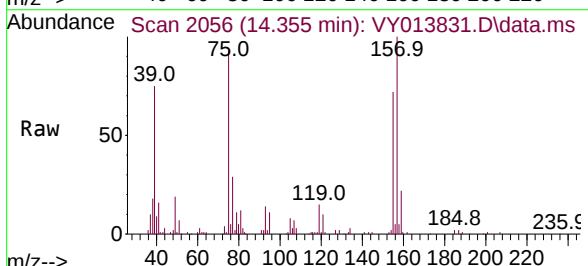
Tgt Ion: 75 Resp: 25932

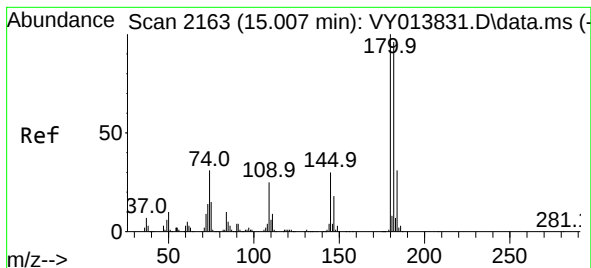
Ion Ratio Lower Upper

75 100

155 79.7 39.9 119.6

157 109.2 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 52.659 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

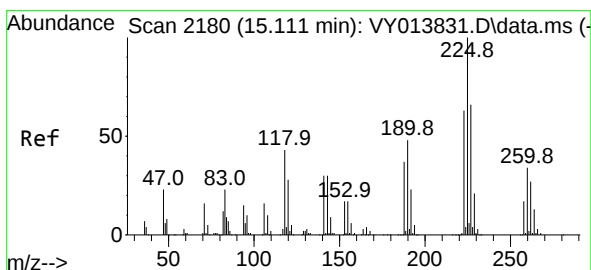
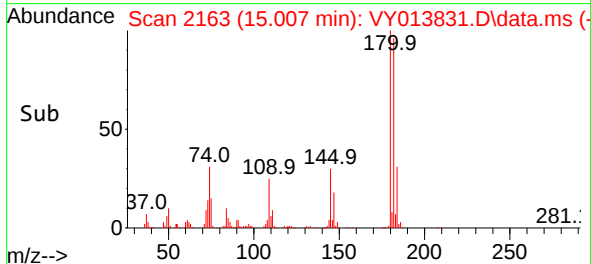
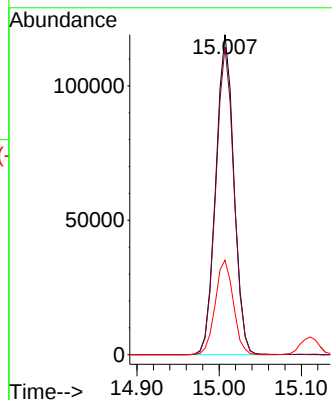
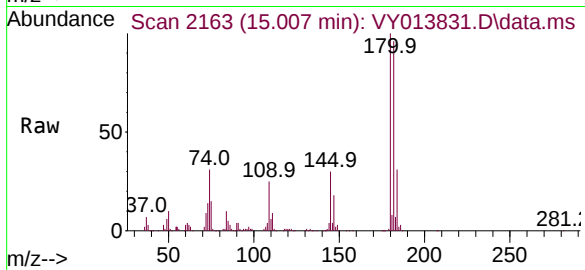
Tgt Ion:180 Resp: 181792

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 29.6 14.8 44.4



#94

Hexachlorobutadiene

Concen: 50.959 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

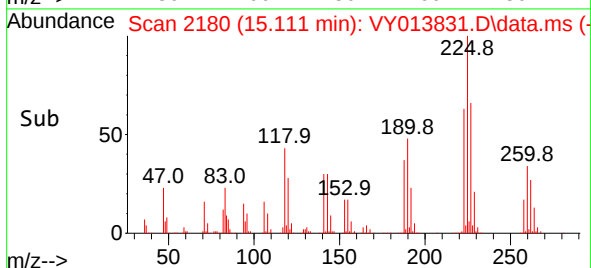
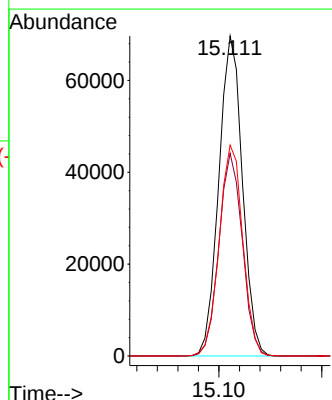
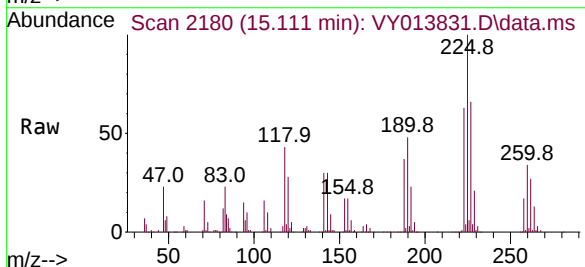
Tgt Ion:225 Resp: 110923

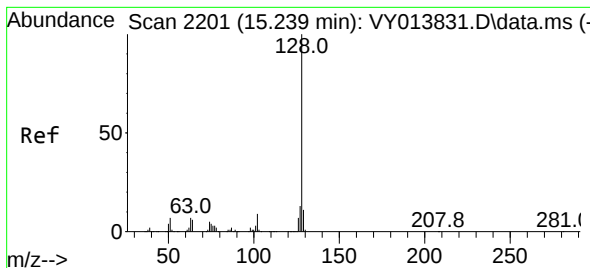
Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.9

227 65.7 32.9 98.6





#95

Naphthalene

Concen: 48.779 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

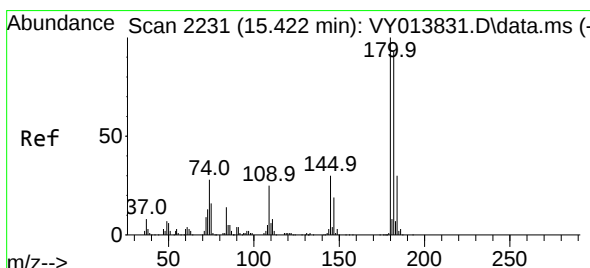
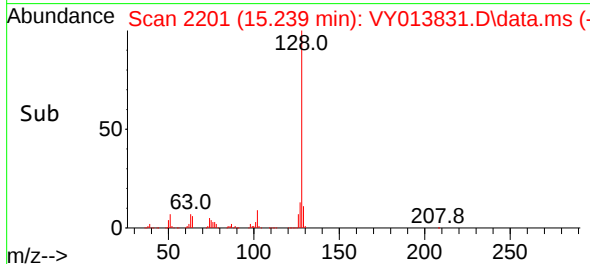
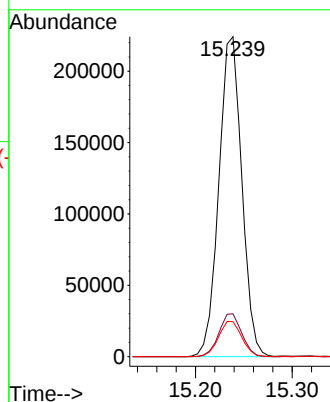
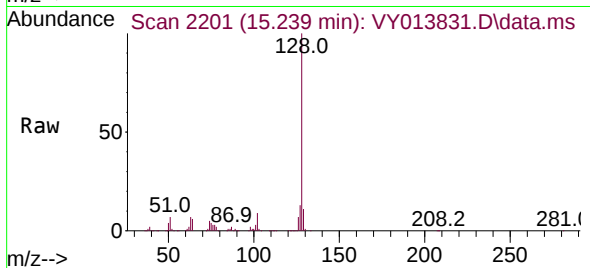
Tgt Ion:128 Resp: 368906

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.2 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 52.805 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013831.D

Acq: 23 May 2023 12:30

Tgt Ion:180 Resp: 162114

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 31.0 15.5 46.5

