

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013959.D
 Acq On : 01 Jun 2023 12:28
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 02 06:47:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 06:43:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	257091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	415089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	377507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	170557	50.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.240%	
35) Dibromofluoromethane	7.710	113	136359	51.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.380%	
50) Toluene-d8	10.179	98	512498	50.933	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	12.477	95	175455	51.147	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	118420	52.350	ug/l	100
3) Chloromethane	2.107	50	158034	50.442	ug/l	100
4) Vinyl Chloride	2.247	62	150088	51.712	ug/l	100
5) Bromomethane	2.656	94	112688	44.589	ug/l	100
6) Chloroethane	2.790	64	99898	48.094	ug/l	100
7) Trichlorofluoromethane	3.125	101	235820	51.397	ug/l	100
8) Diethyl Ether	3.522	74	90094	50.086	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	123784	52.517	ug/l	100
10) Methyl Iodide	4.082	142	177800	54.734	ug/l	100
11) Tert butyl alcohol	4.966	59	104354	149.196	ug/l	100
12) 1,1-Dichloroethene	3.869	96	126660	51.252	ug/l	100
13) Acrolein	3.729	56	67531	210.834	ug/l	100
14) Allyl chloride	4.473	41	248145	51.740	ug/l	100
15) Acrylonitrile	5.161	53	244741	245.189	ug/l	100
16) Acetone	3.948	43	316214	271.574	ug/l	100
17) Carbon Disulfide	4.186	76	425642	50.934	ug/l	100
18) Methyl Acetate	4.473	43	205993	48.967	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	408056	51.035	ug/l	100
20) Methylene Chloride	4.710	84	162802	51.839	ug/l	100
21) trans-1,2-Dichloroethene	5.210	96	143011	51.090	ug/l	100
22) Diisopropyl ether	6.113	45	485166	52.188	ug/l	100
23) Vinyl Acetate	6.052	43	1515607	259.924	ug/l	100
24) 1,1-Dichloroethane	6.009	63	261388	50.373	ug/l	100
25) 2-Butanone	6.984	43	366172	252.433	ug/l	100
26) 2,2-Dichloropropane	6.978	77	236310	50.180	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	163045	50.874	ug/l	100
28) Bromochloromethane	7.326	49	122918	50.158	ug/l	100
29) Tetrahydrofuran	7.344	42	223231	247.473	ug/l	100
30) Chloroform	7.503	83	276273	50.709	ug/l	100
31) Cyclohexane	7.783	56	204078	49.799	ug/l	100
32) 1,1,1-Trichloroethane	7.698	97	240947	52.138	ug/l	100
36) 1,1-Dichloropropene	7.911	75	193277	51.428	ug/l	100
37) Ethyl Acetate	7.070	43	156947	47.898	ug/l	100
38) Carbon Tetrachloride	7.893	117	215732	51.226	ug/l	100
39) Methylcyclohexane	9.179	83	215460	53.701	ug/l	100
40) Benzene	8.155	78	585980	50.544	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	69280	45.747	ug/l	100
42) 1,2-Dichloroethane	8.234	62	211285	49.700	ug/l	100
43) Isopropyl Acetate	8.271	43	272562	49.402	ug/l	100
44) Trichloroethene	8.935	130	153133	50.439	ug/l	100
45) 1,2-Dichloropropane	9.216	63	150798	50.403	ug/l	100
46) Dibromomethane	9.301	93	95263	49.736	ug/l	100
47) Bromodichloromethane	9.490	83	217641	50.441	ug/l	100
48) Methyl methacrylate	9.289	41	127303	50.694	ug/l	100
49) 1,4-Dioxane	9.301	88	27757	996.504	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	774745	248.611	ug/l	100
52) Toluene	10.240	92	360791	50.800	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	237178	51.173	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	254069	51.343	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	125908	49.862	ug/l	100
56) Ethyl methacrylate	10.508	69	188675	52.040	ug/l	100
57) 1,3-Dichloropropane	10.789	76	218147	50.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	433109	243.458	ug/l	100
59) 2-Hexanone	10.831	43	585073	259.281	ug/l	100
60) Dibromochloromethane	10.984	129	160490	50.287	ug/l	100
61) 1,2-Dibromoethane	11.087	107	126001	49.664	ug/l	100
64) Tetrachloroethene	10.715	164	131648	50.904	ug/l	100
65) Chlorobenzene	11.514	112	392611	50.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	154996	51.408	ug/l	100
67) Ethyl Benzene	11.593	91	700448	52.251	ug/l	100
68) m/p-Xylenes	11.697	106	536015	104.675	ug/l	100
69) o-Xylene	12.026	106	259110	52.807	ug/l	100
70) Styrene	12.044	104	451111	53.526	ug/l	100
71) Bromoform	12.209	173	113523	51.072	ug/l	100
73) Isopropylbenzene	12.325	105	657007	51.661	ug/l	100
74) N-amyl acetate	12.142	43	248204	50.869	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	162384	48.854	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	219088	84.330	ug/l #	100
77) Bromobenzene	12.605	156	173269	50.399	ug/l	100
78) n-propylbenzene	12.666	91	808936	51.900	ug/l	100
79) 2-Chlorotoluene	12.758	91	468162	50.736	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	565204	51.854	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	60453	49.463	ug/l	100
82) 4-Chlorotoluene	12.855	91	494712	50.978	ug/l	100
83) tert-Butylbenzene	13.075	119	478865	52.463	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	566902	52.071	ug/l	100
85) sec-Butylbenzene	13.251	105	689531	51.949	ug/l	100
86) p-Isopropyltoluene	13.367	119	581308	51.884	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	328480	50.311	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	327807	49.634	ug/l	100
89) n-Butylbenzene	13.697	91	556274	52.620	ug/l	100
90) Hexachloroethane	13.959	117	117007	49.760	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	302386	50.274	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31687	49.427	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	192367	52.026	ug/l	100
94) Hexachlorobutadiene	15.111	225	100431	50.994	ug/l	100
95) Naphthalene	15.233	128	427929	47.768	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	175391	52.080	ug/l	100

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QLast Update : Fri Jun 02 06:43:43 2023
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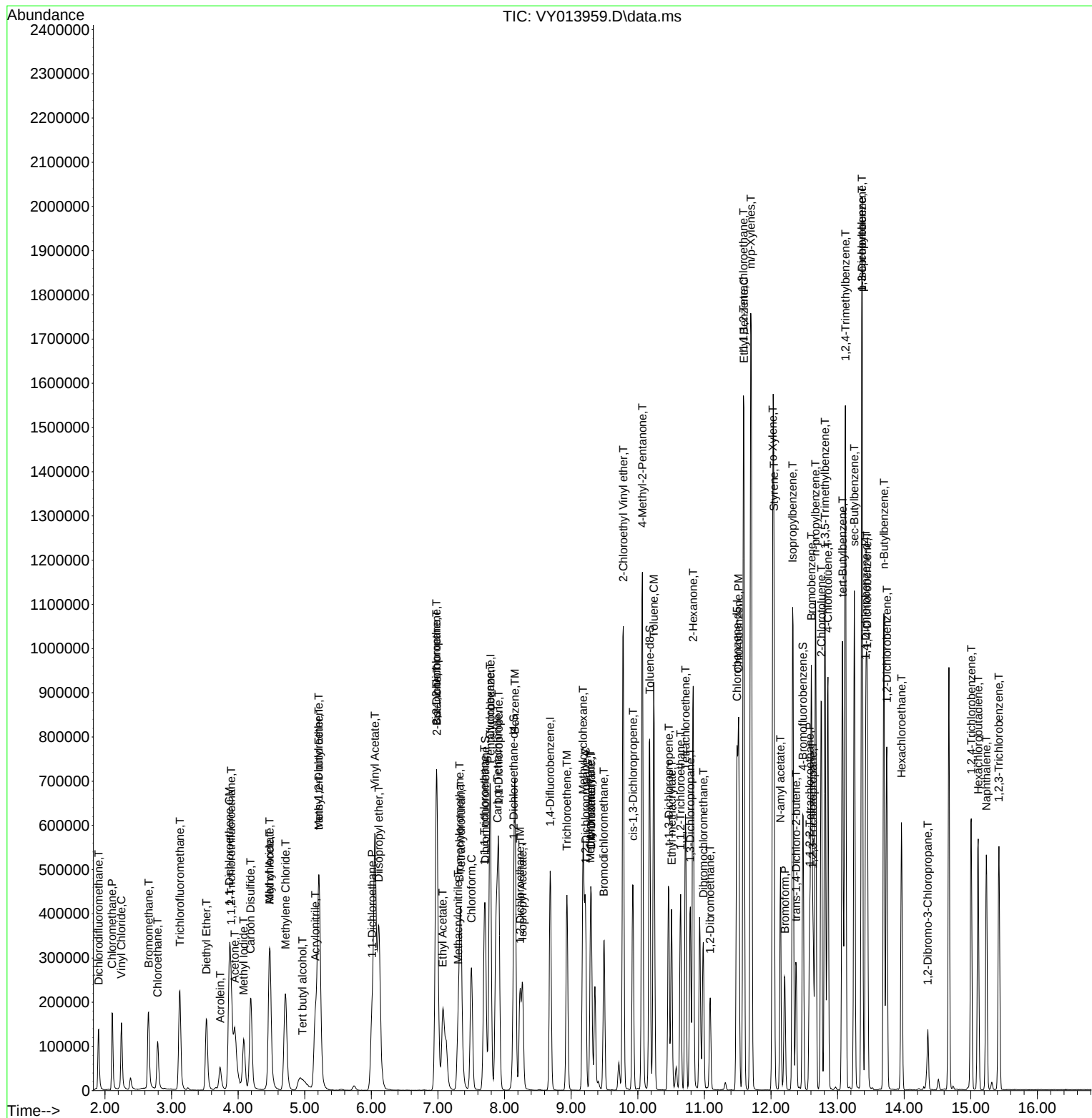
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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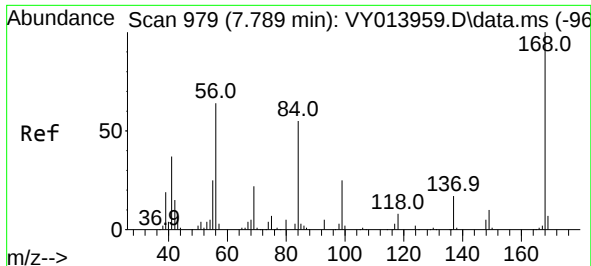
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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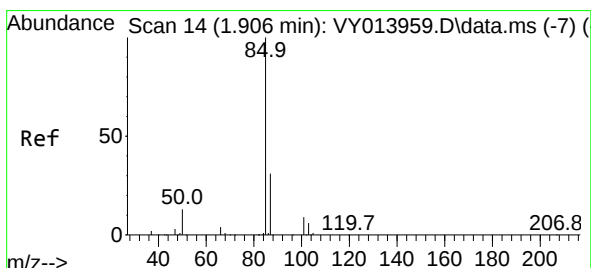
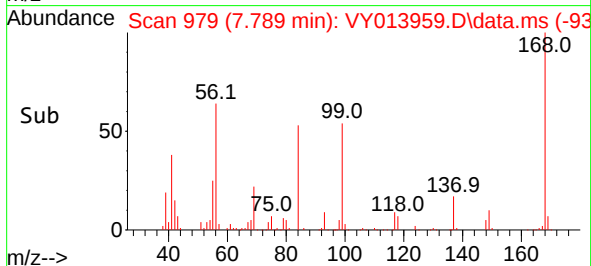
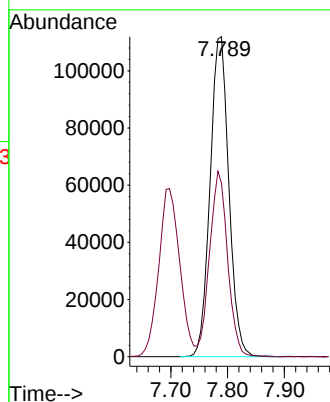
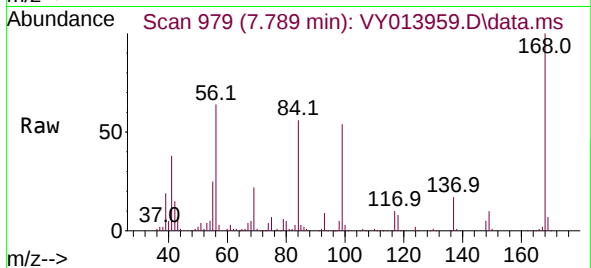




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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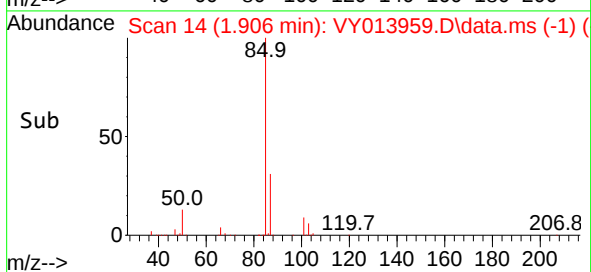
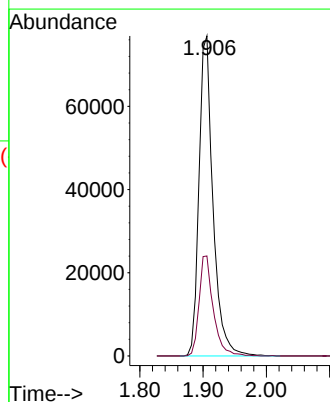
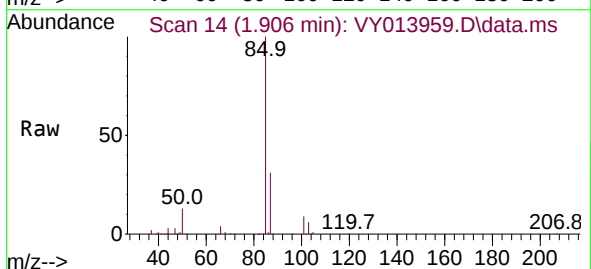
Instrument :
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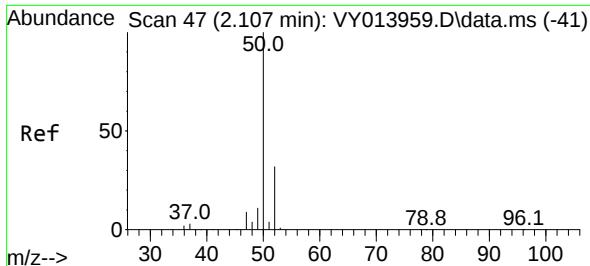
Tgt Ion:168 Resp: 257091
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 52.350 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 85 Resp: 118420
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.8

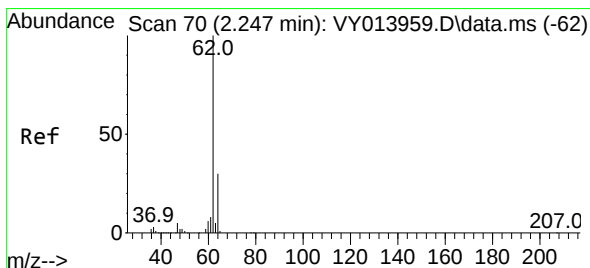
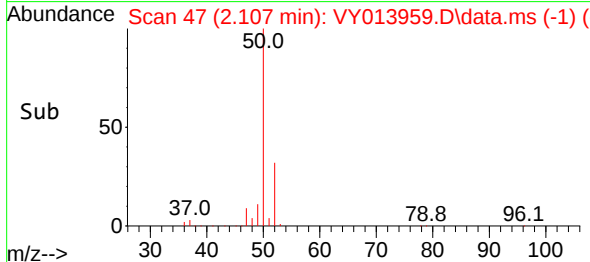
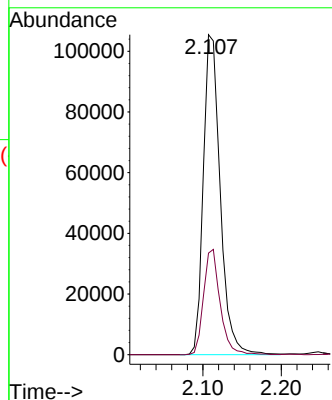
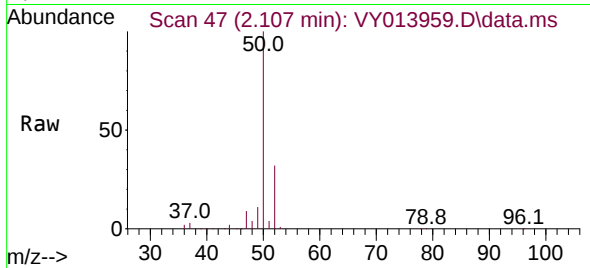




#3
Chloromethane
Concen: 50.442 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

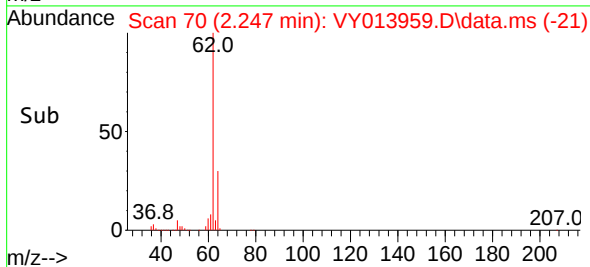
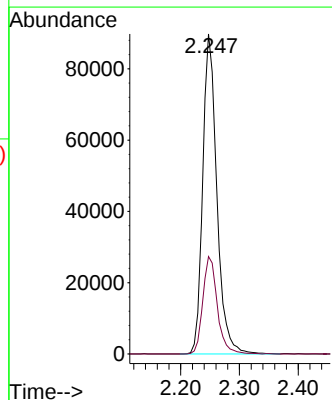
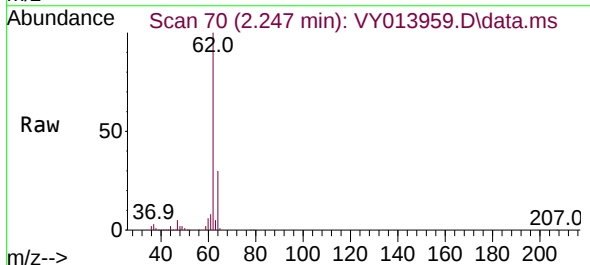
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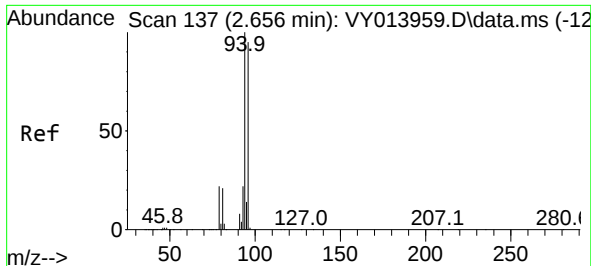
Tgt Ion: 50 Resp: 158034
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2



#4
Vinyl Chloride
Concen: 51.712 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 62 Resp: 150088
Ion Ratio Lower Upper
62 100
64 30.4 24.3 36.5

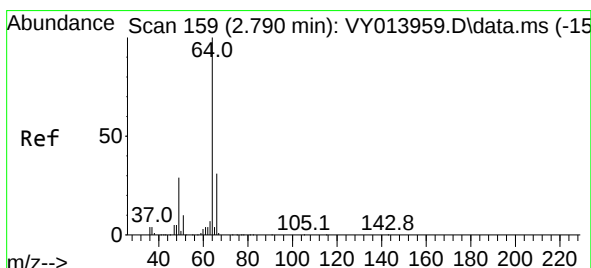
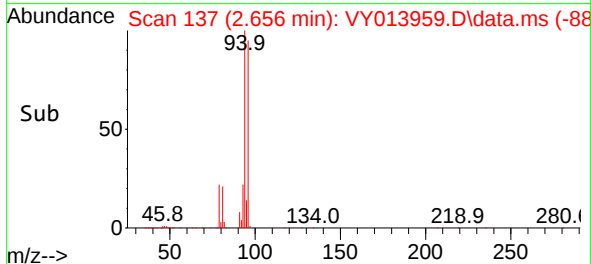
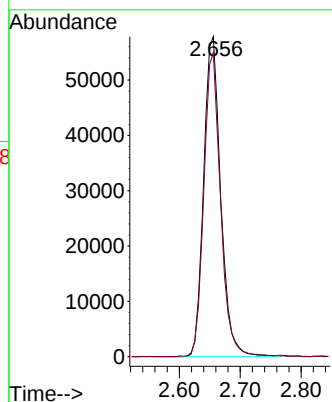
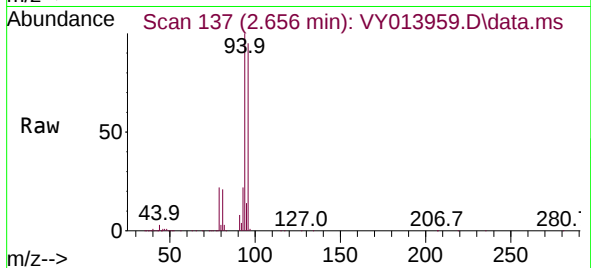




#5
Bromomethane
Concen: 44.589 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013959.D
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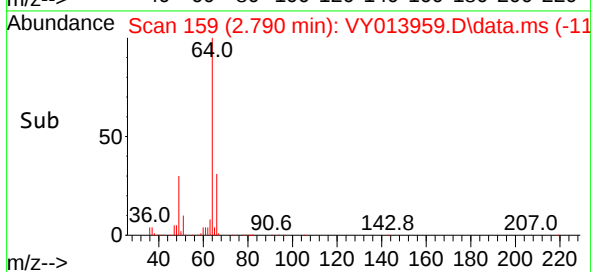
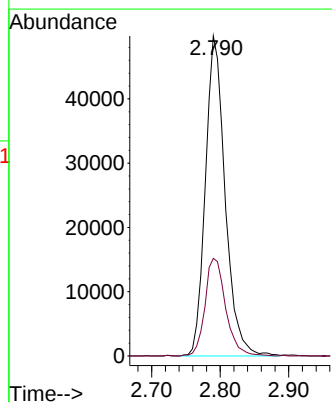
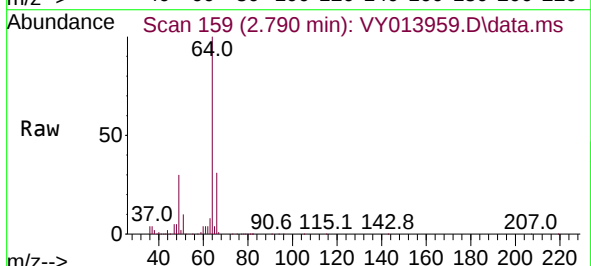
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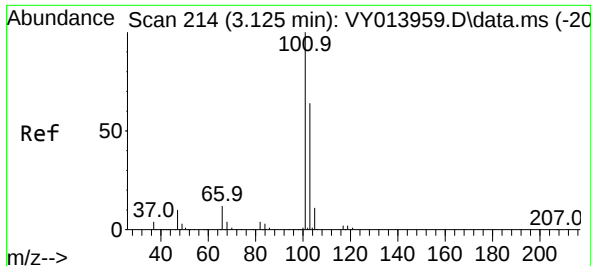
Tgt Ion: 94 Resp: 112688
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 48.094 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY013959.D
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Tgt Ion: 64 Resp: 99898
Ion Ratio Lower Upper
64 100
66 30.5 24.4 36.6

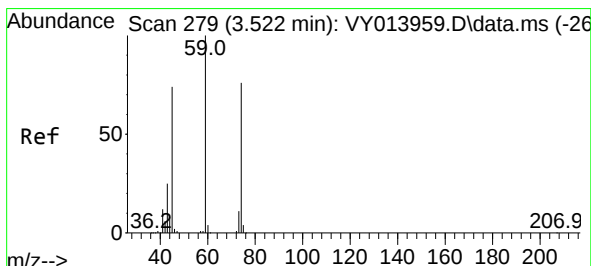
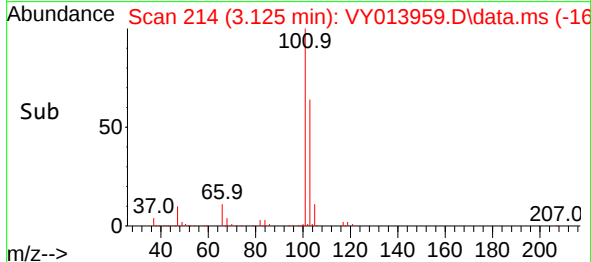
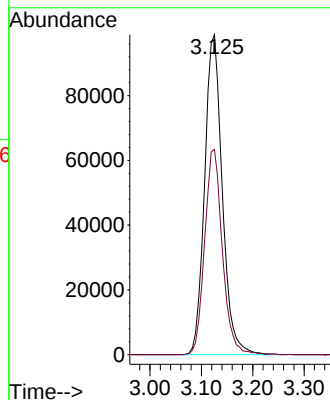
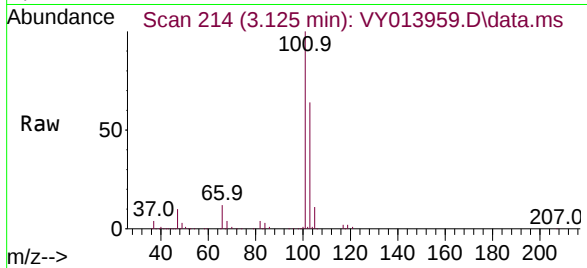




#7
 Trichlorofluoromethane
 Concen: 51.397 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013959.D
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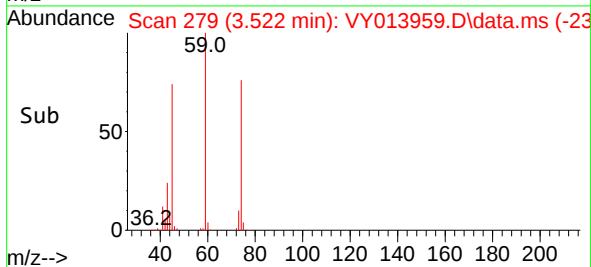
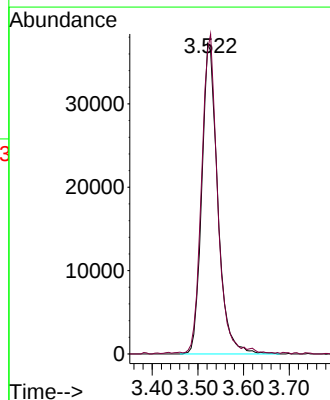
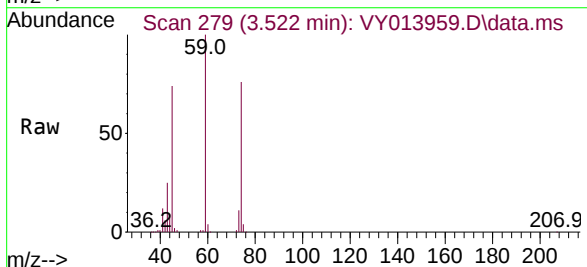
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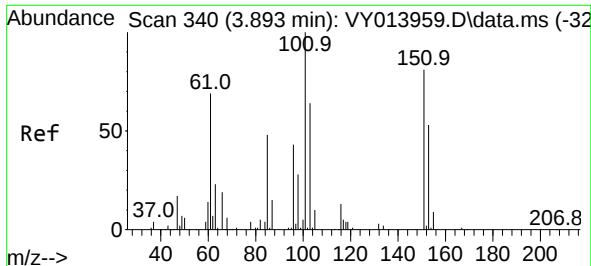
Tgt Ion:101 Resp: 235820
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.086 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.000 min
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 Acq: 01 Jun 2023 12:28

Tgt Ion: 74 Resp: 90094
 Ion Ratio Lower Upper
 74 100
 45 103.0 51.5 154.5

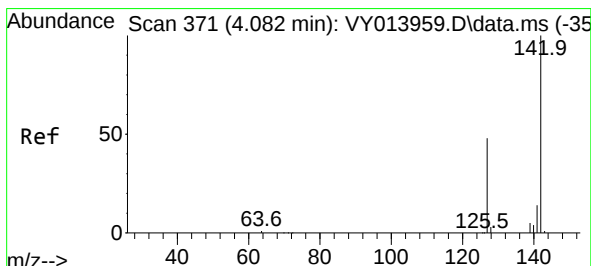
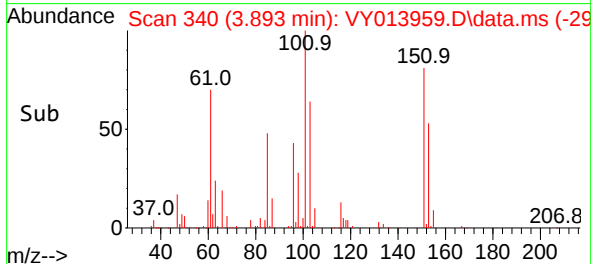
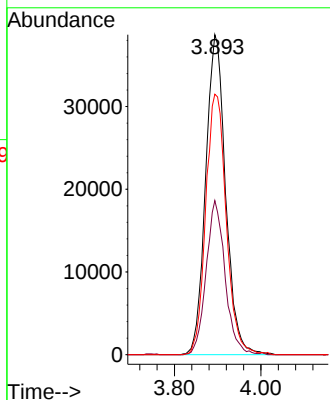
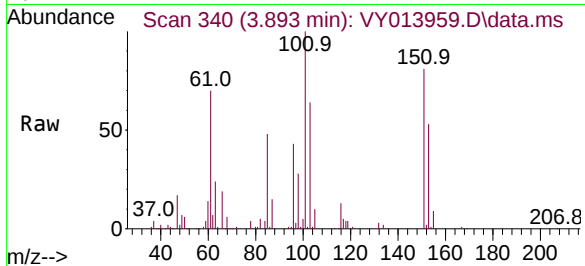




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.517 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

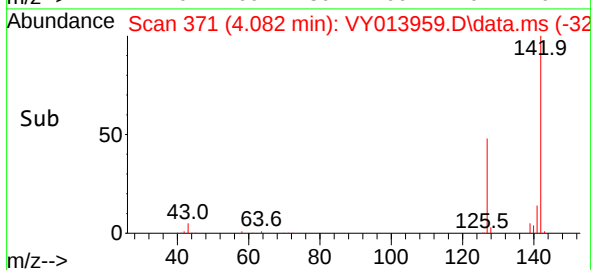
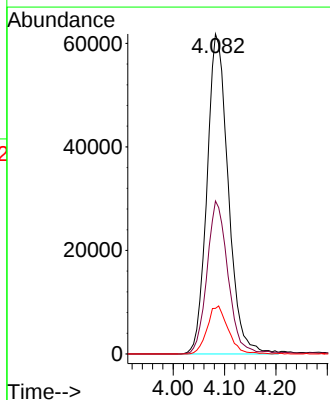
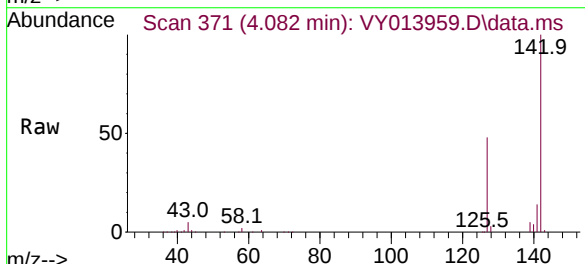
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

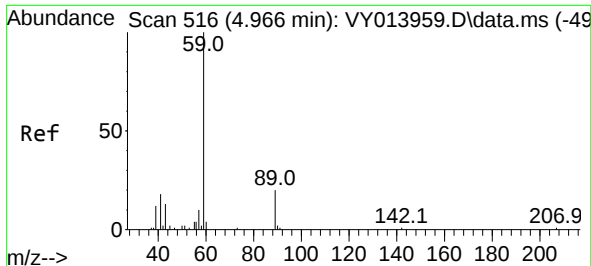
Tgt Ion:101 Resp: 123784
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 83.8 67.0 100.6



#10
Methyl Iodide
Concen: 54.734 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion:142 Resp: 177800
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 14.8 11.8 17.8

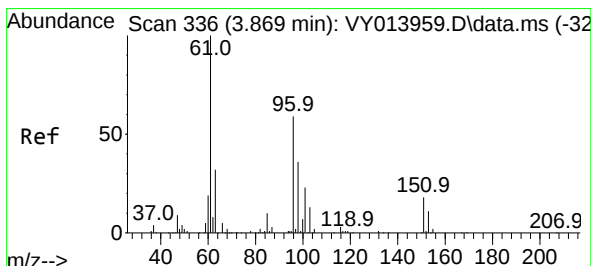
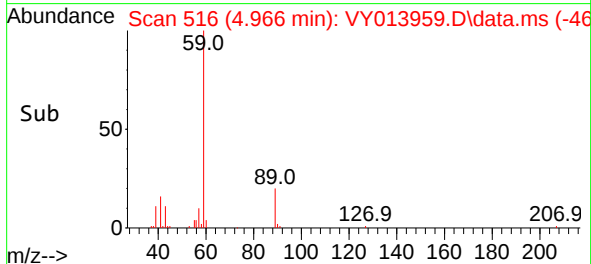
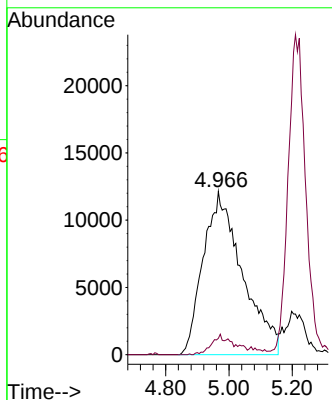
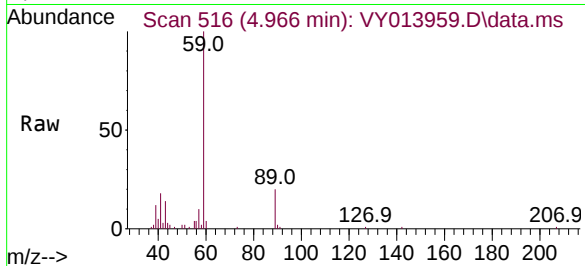




#11
Tert butyl alcohol
Concen: 149.196 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

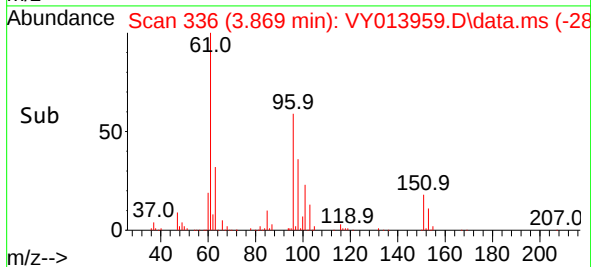
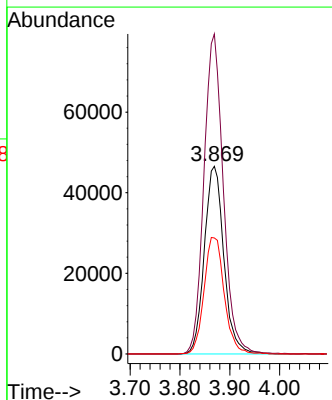
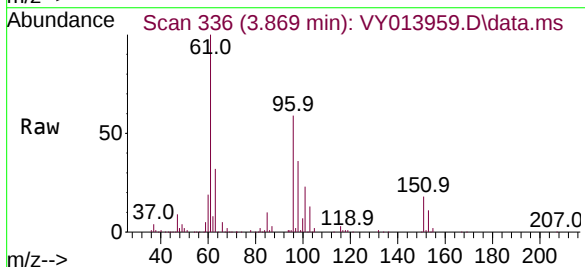
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

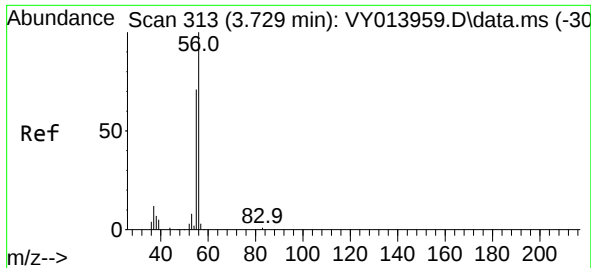
Tgt Ion: 59 Resp: 104354
Ion Ratio Lower Upper
59 100
57 3.7 3.0 4.4



#12
1,1-Dichloroethene
Concen: 51.252 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 96 Resp: 126660
Ion Ratio Lower Upper
96 100
61 170.5 136.4 204.6
98 61.8 49.4 74.2





#13

Acrolein

Concen: 210.834 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

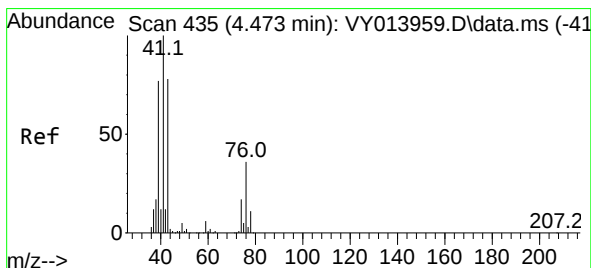
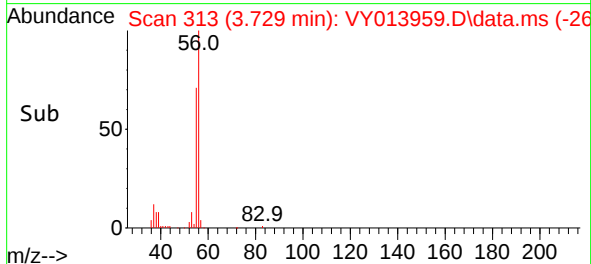
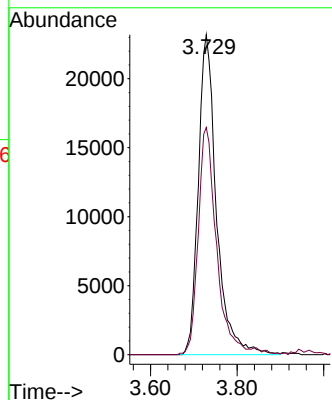
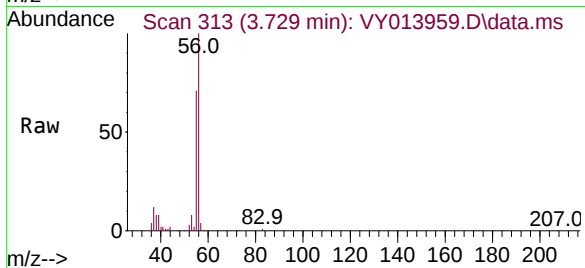
VSTDICCC050

Tgt Ion: 56 Resp: 67531

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 51.740 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

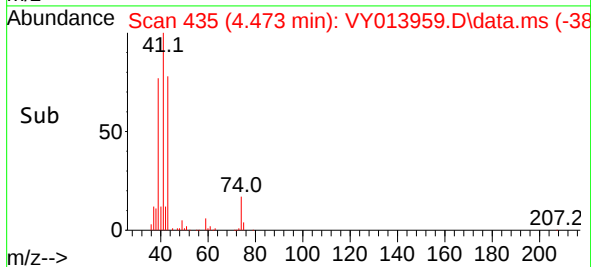
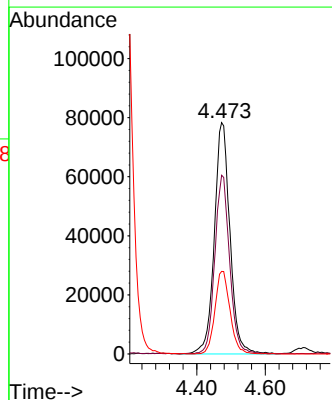
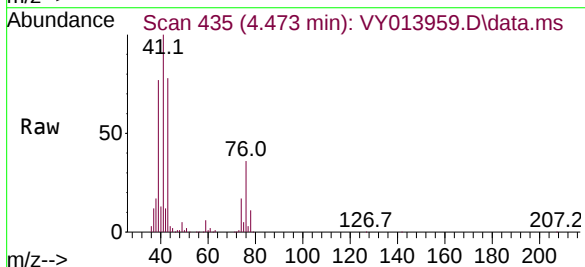
Tgt Ion: 41 Resp: 248145

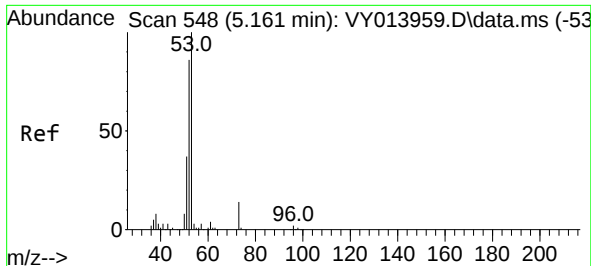
Ion Ratio Lower Upper

41 100

39 72.5 58.0 87.0

76 34.3 27.4 41.2

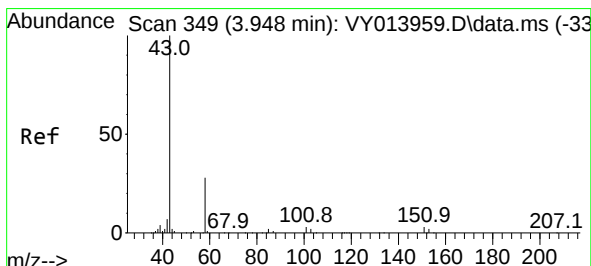
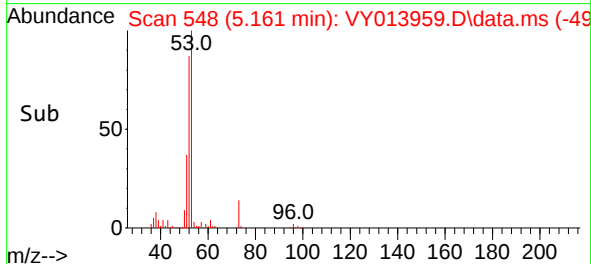
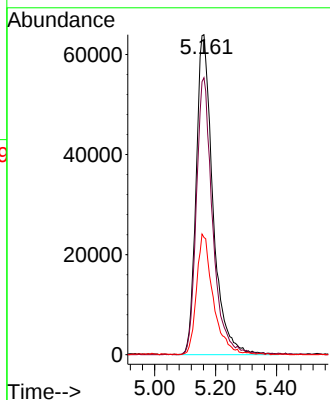
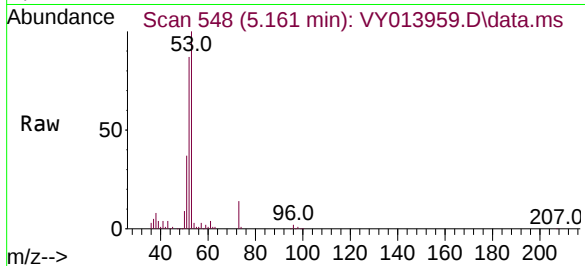




#15
Acrylonitrile
Concen: 245.189 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

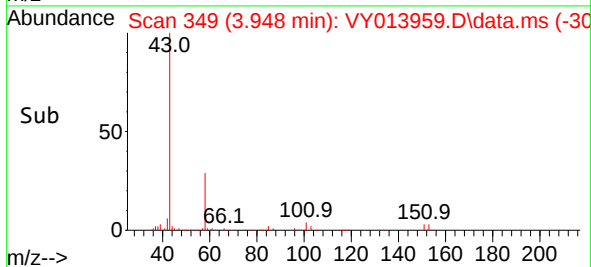
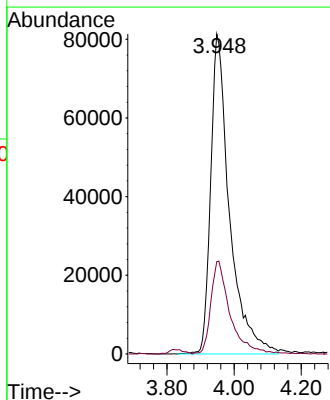
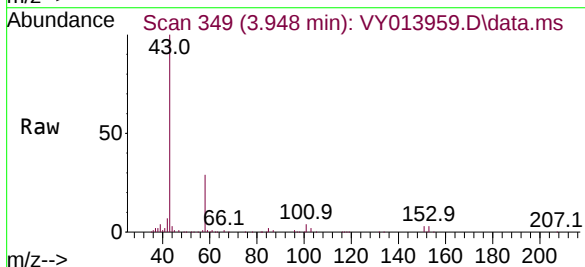
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

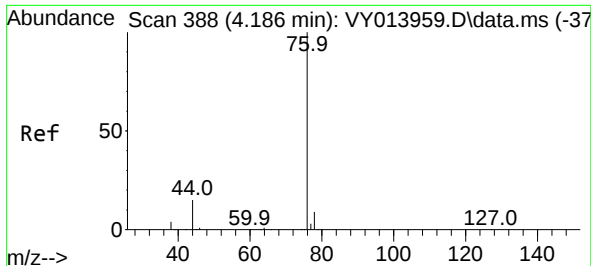
Tgt Ion: 53 Resp: 244741
Ion Ratio Lower Upper
53 100
52 83.6 66.9 100.3
51 37.2 29.8 44.6



#16
Acetone
Concen: 271.574 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 43 Resp: 316214
Ion Ratio Lower Upper
43 100
58 28.4 22.7 34.1

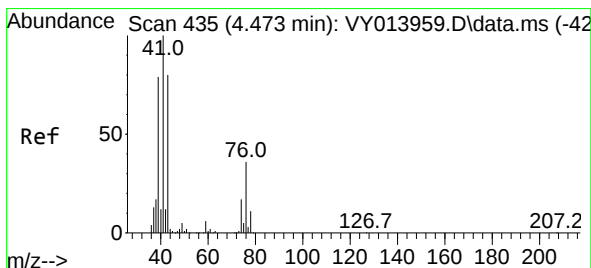
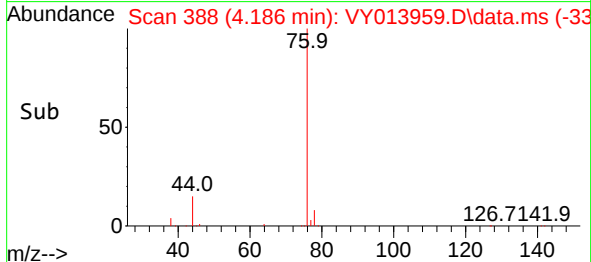
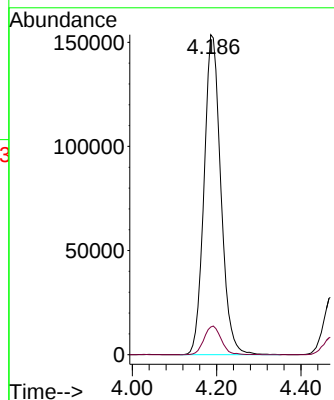
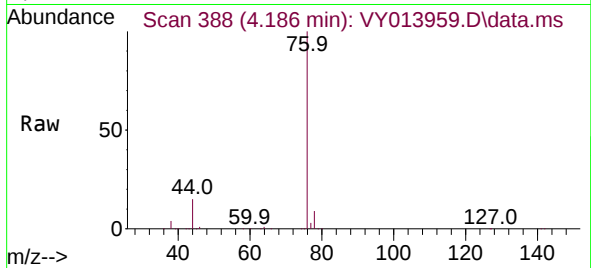




#17
Carbon Disulfide
Concen: 50.934 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

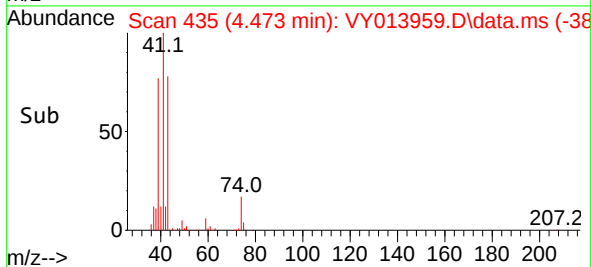
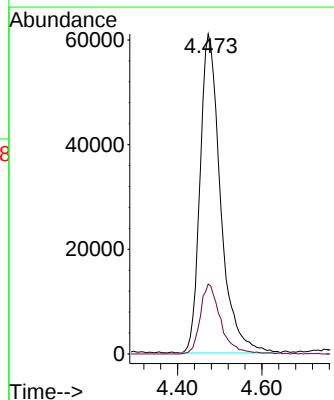
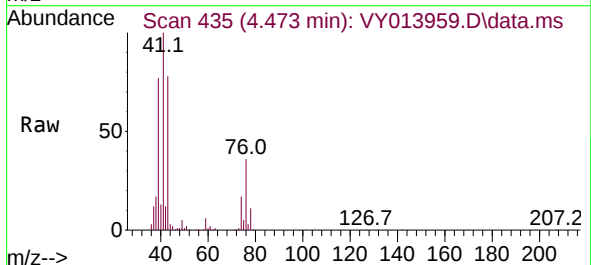
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

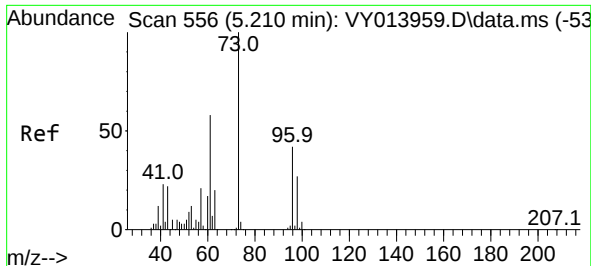
Tgt Ion: 76 Resp: 425642
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 48.967 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 43 Resp: 205993
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0

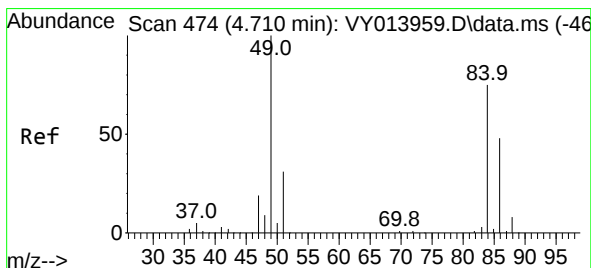
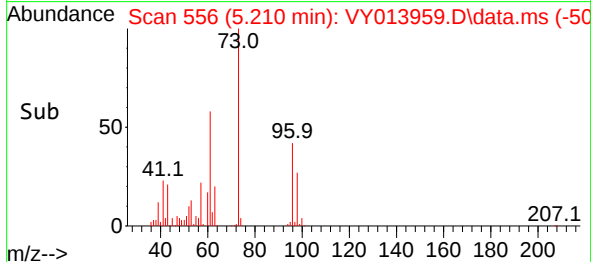
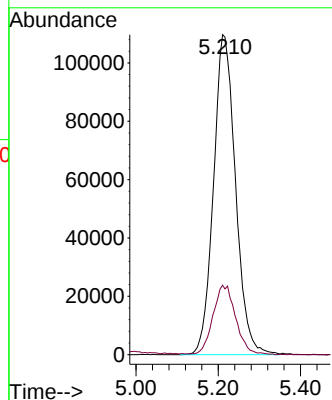
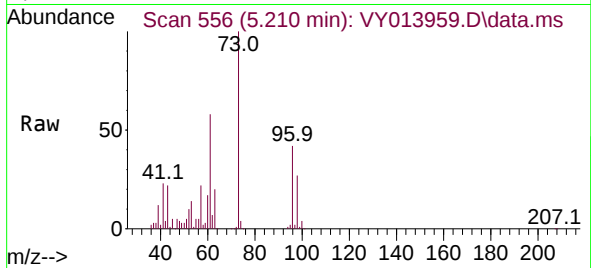




#19
Methyl tert-butyl Ether
Concen: 51.035 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

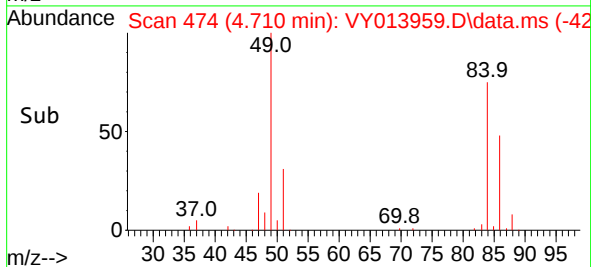
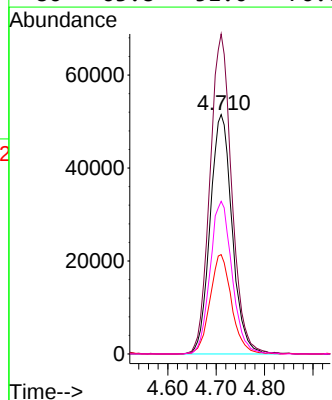
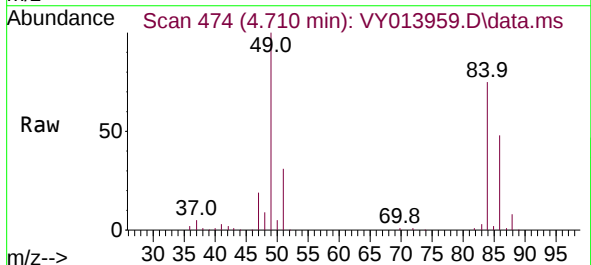
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

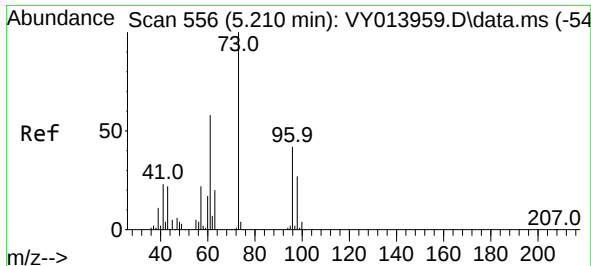
Tgt Ion: 73 Resp: 408056
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 51.839 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 84 Resp: 162802
Ion Ratio Lower Upper
84 100
49 133.6 106.9 160.3
51 41.5 33.2 49.8
86 63.8 51.0 76.6

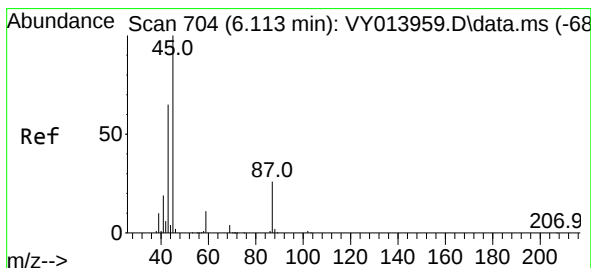
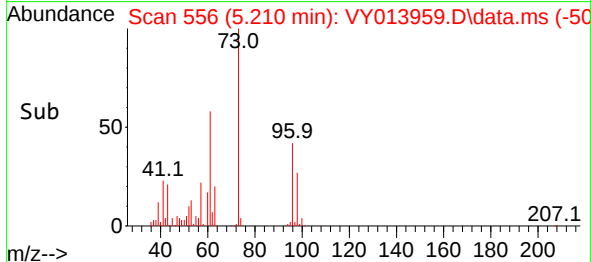
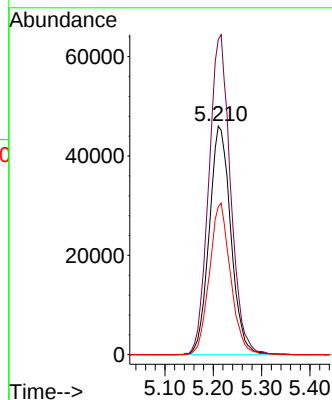
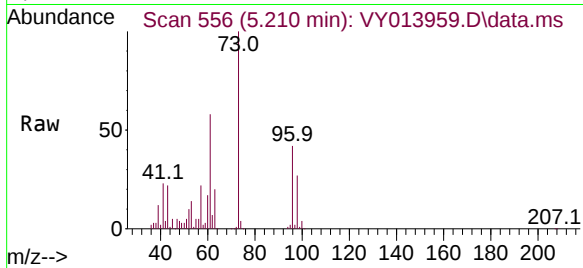




#21
trans-1,2-Dichloroethene
Concen: 51.090 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

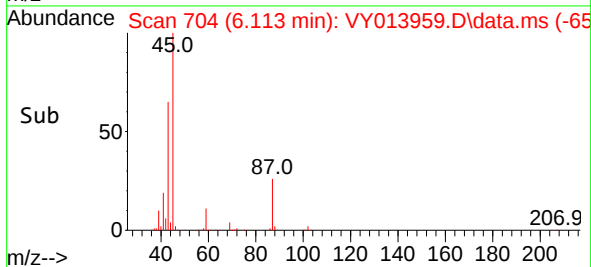
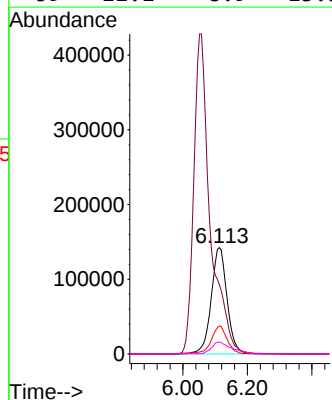
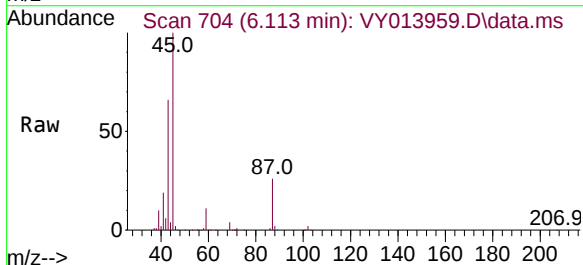
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

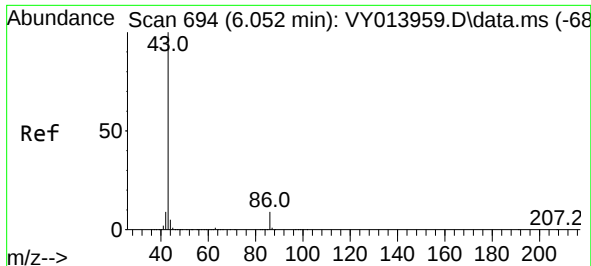
Tgt Ion: 96 Resp: 143011
Ion Ratio Lower Upper
96 100
61 137.8 110.2 165.4
98 64.7 51.8 77.6



#22
Diisopropyl ether
Concen: 52.188 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 45 Resp: 485166
Ion Ratio Lower Upper
45 100
43 65.3 52.2 78.4
87 26.3 21.0 31.6
59 11.1 8.9 13.3

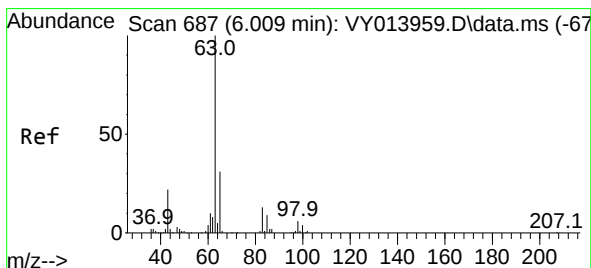
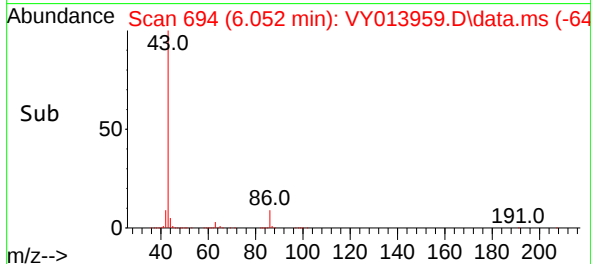
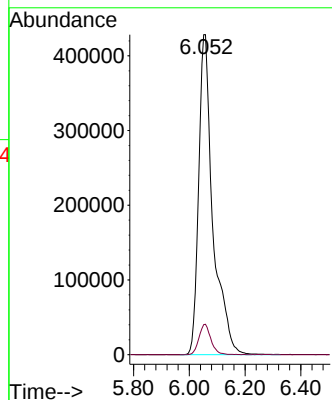
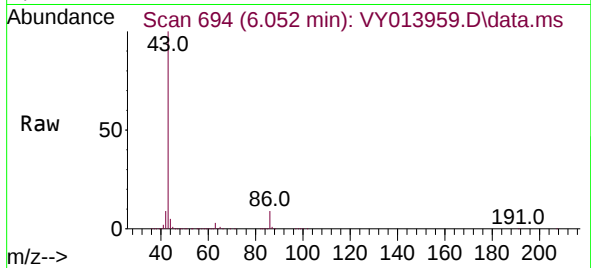




#23
 Vinyl Acetate
 Concen: 259.924 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY013959.D
 Acq: 01 Jun 2023 12:28

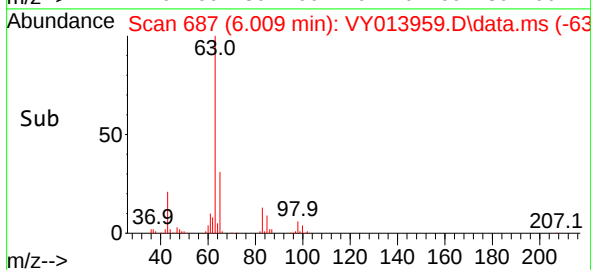
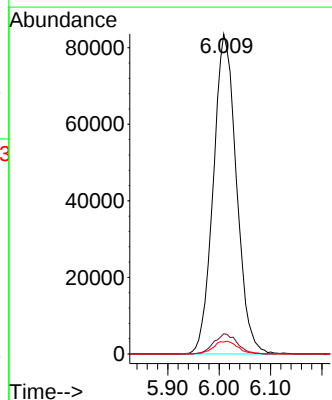
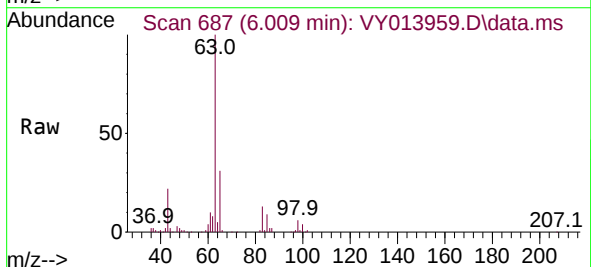
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

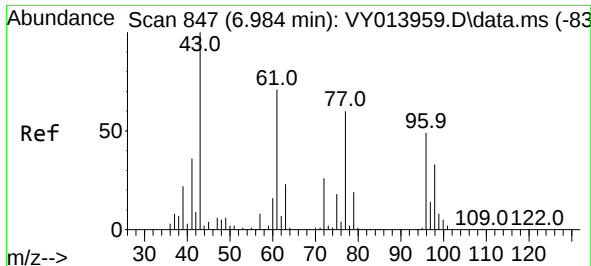
Tgt Ion: 43 Resp: 1515607
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 50.373 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY013959.D
 Acq: 01 Jun 2023 12:28

Tgt Ion: 63 Resp: 261388
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 3.7 1.8 5.5

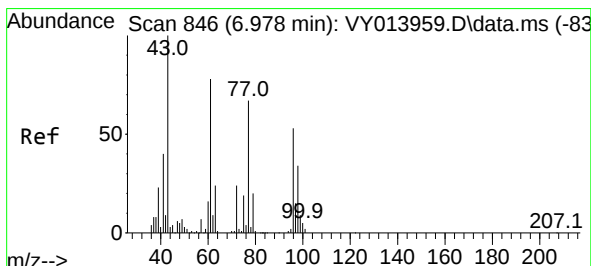
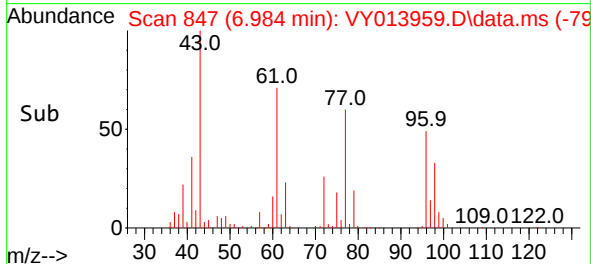
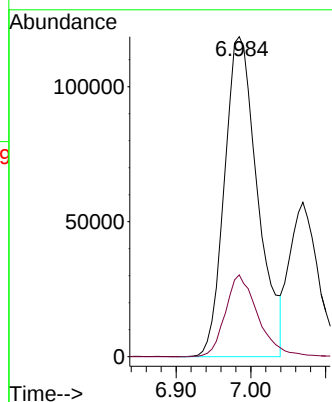
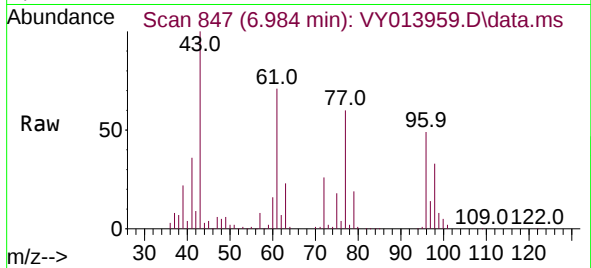




#25
2-Butanone
Concen: 252.433 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

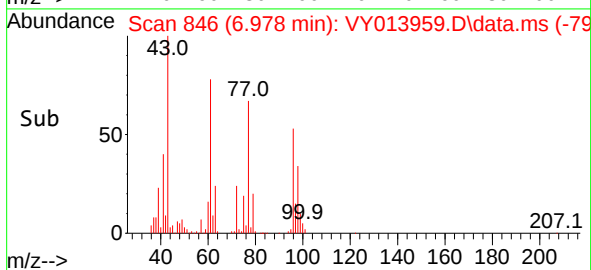
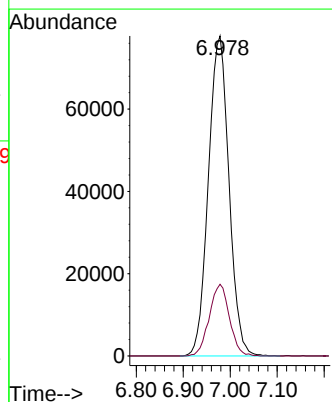
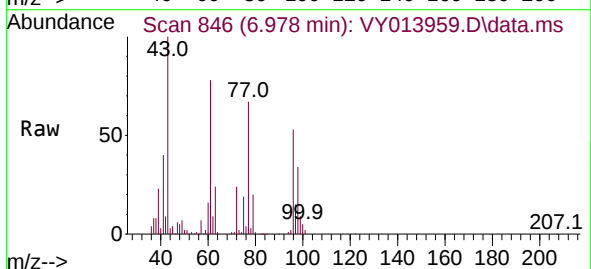
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

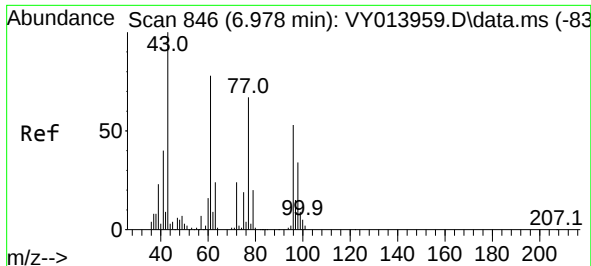
Tgt Ion: 43 Resp: 366172
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.180 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 77 Resp: 236310
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.874 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

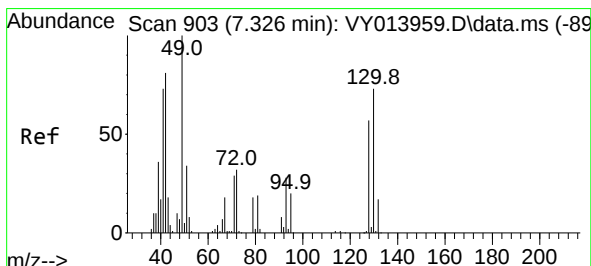
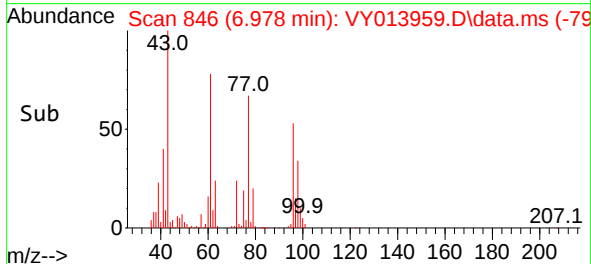
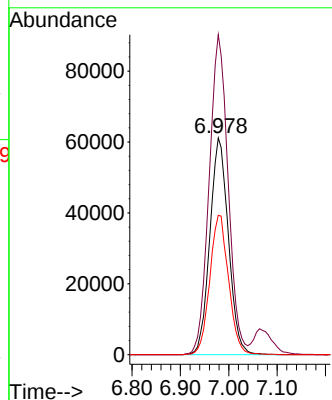
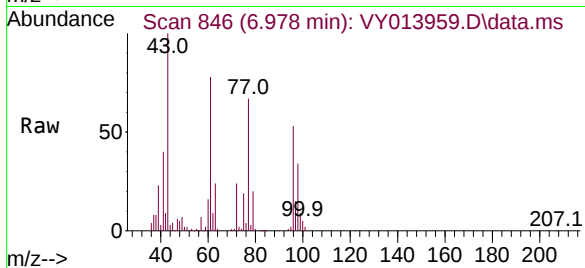
Tgt Ion: 96 Resp: 163045

Ion Ratio Lower Upper

96 100

61 150.7 0.0 301.4

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 50.158 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

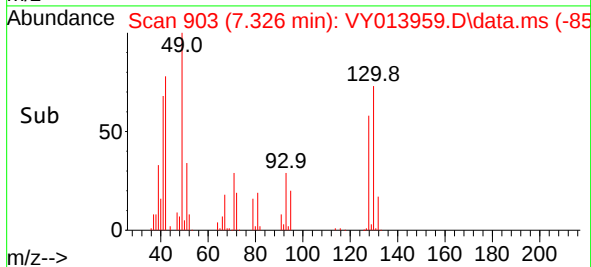
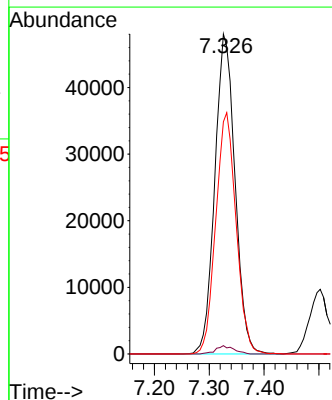
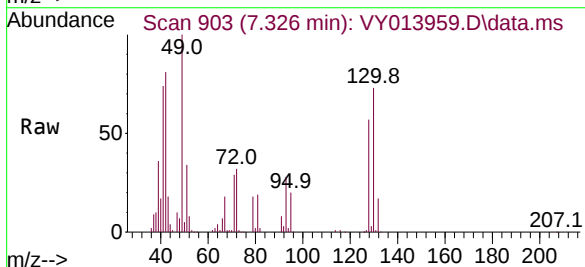
Tgt Ion: 49 Resp: 122918

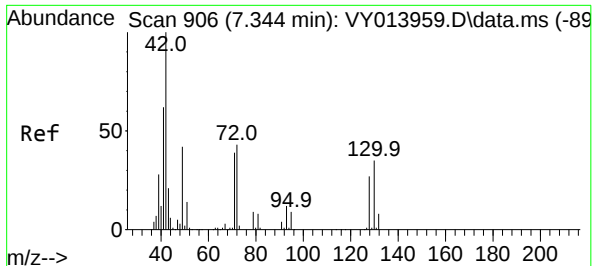
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 75.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 247.473 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

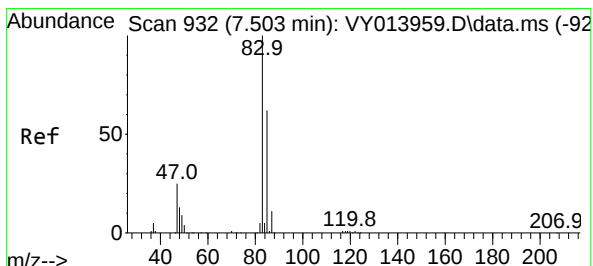
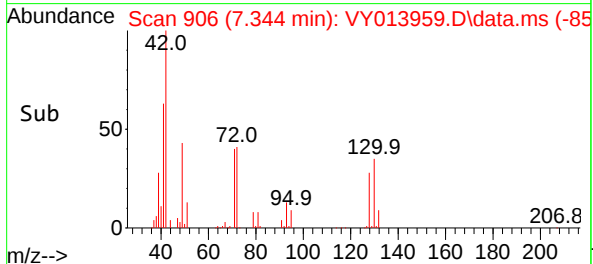
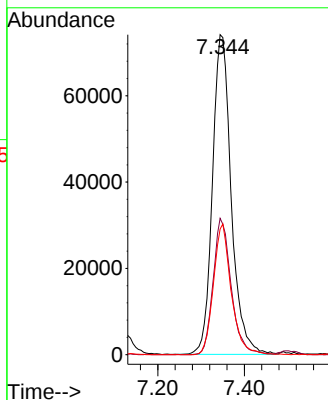
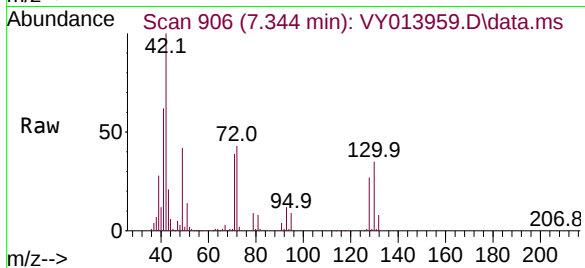
Tgt Ion: 42 Resp: 223231

Ion Ratio Lower Upper

42 100

72 41.0 32.8 49.2

71 38.7 31.0 46.4



#30

Chloroform

Concen: 50.709 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013959.D

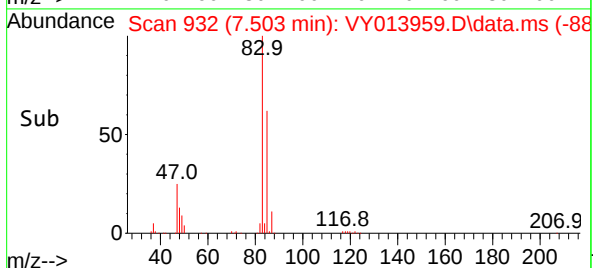
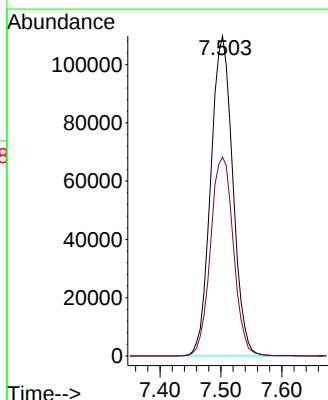
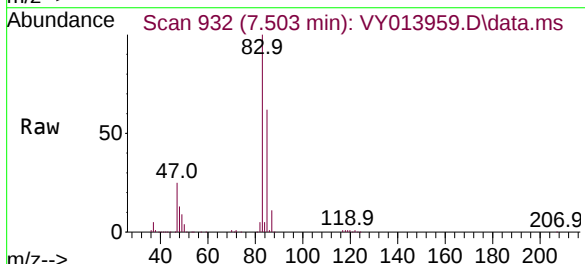
Acq: 01 Jun 2023 12:28

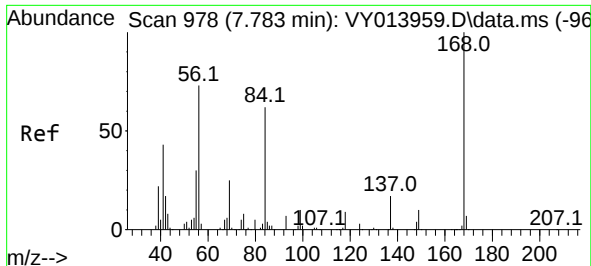
Tgt Ion: 83 Resp: 276273

Ion Ratio Lower Upper

83 100

85 62.1 49.7 74.5

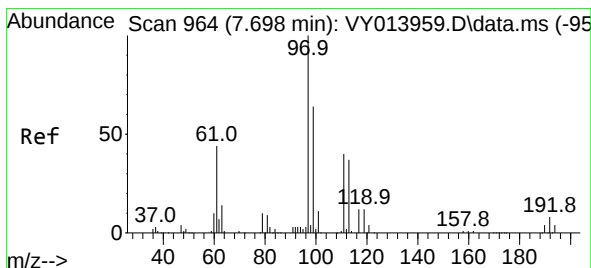
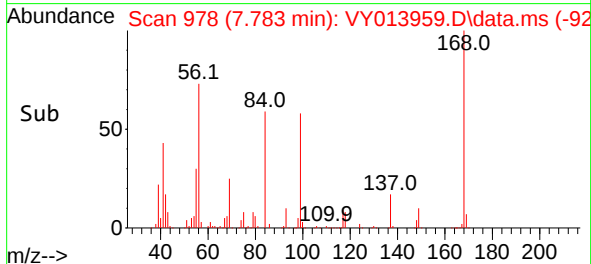
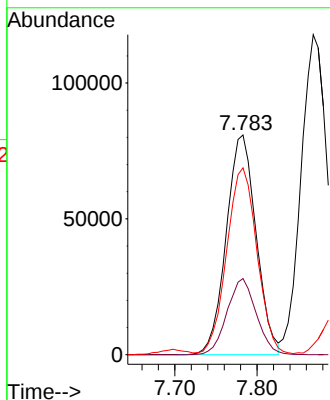
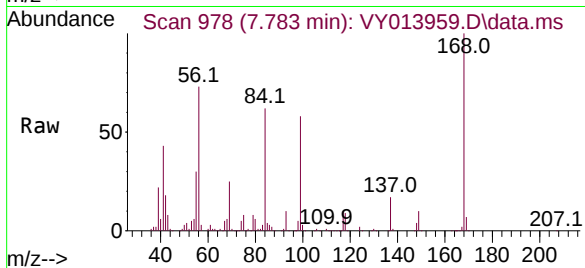




#31
Cyclohexane
Concen: 49.799 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

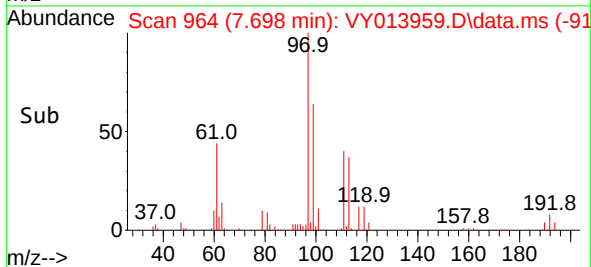
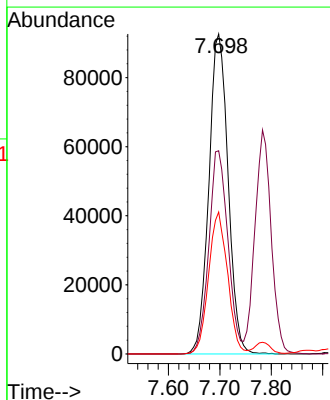
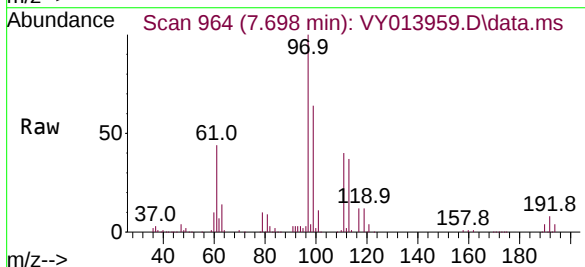
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

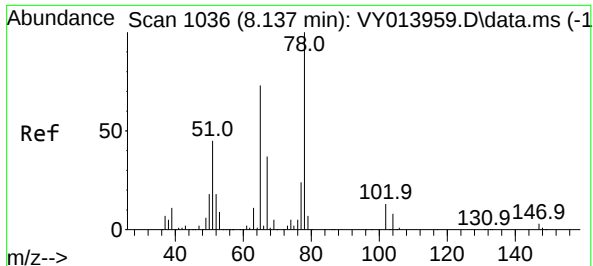
Tgt Ion: 56 Resp: 204078
Ion Ratio Lower Upper
56 100
69 34.7 27.8 41.6
84 83.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.138 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 97 Resp: 240947
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 43.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.115 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

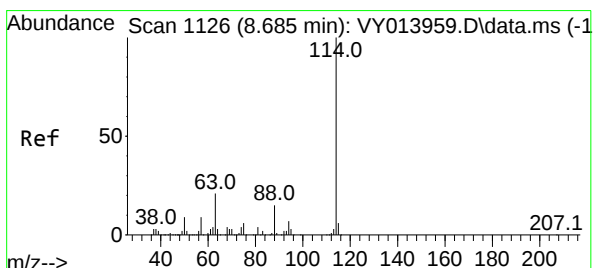
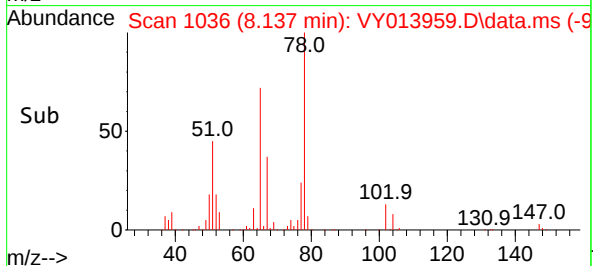
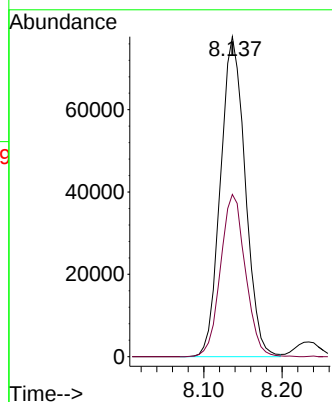
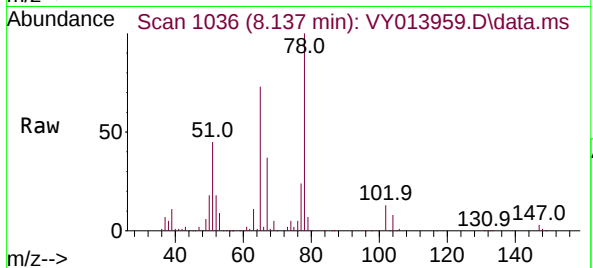
VSTDICCC050

Tgt Ion: 65 Resp: 170557

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

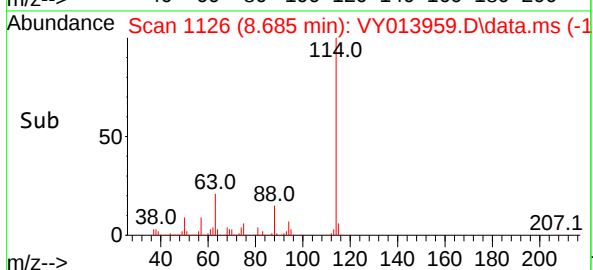
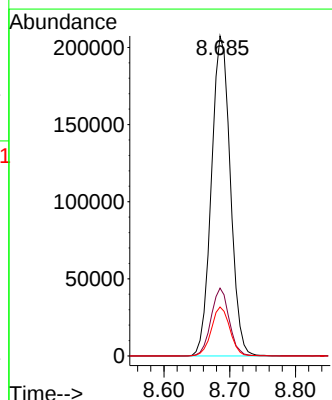
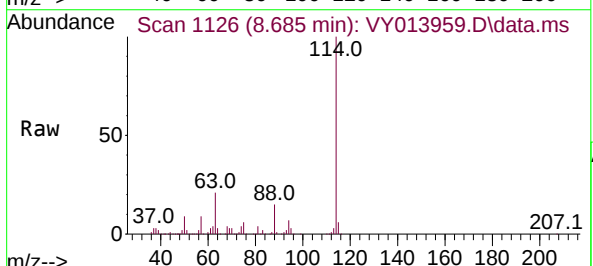
Tgt Ion: 114 Resp: 415089

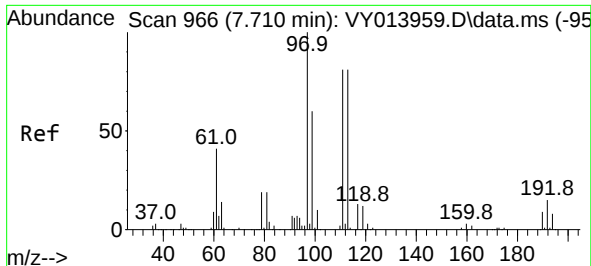
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 15.3 0.0 30.6

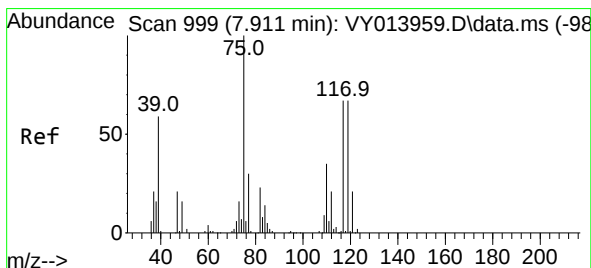
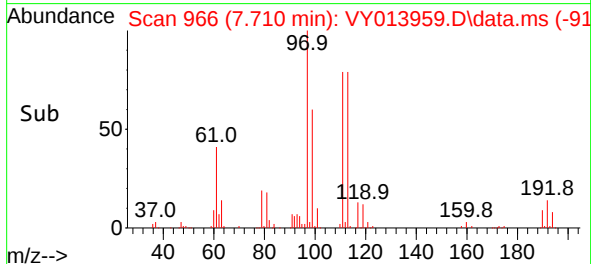
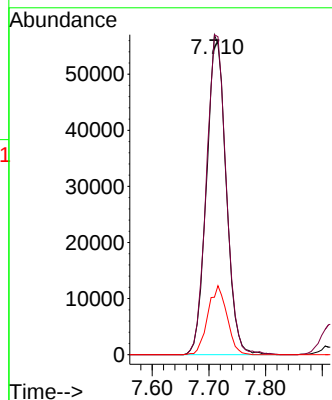
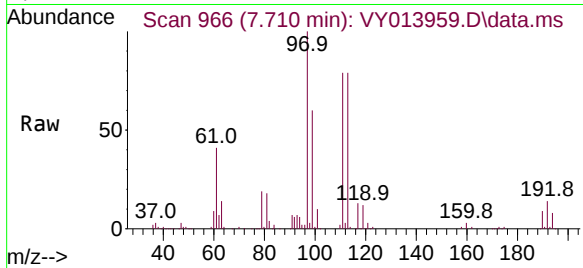




#35
Dibromofluoromethane
Concen: 51.692 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

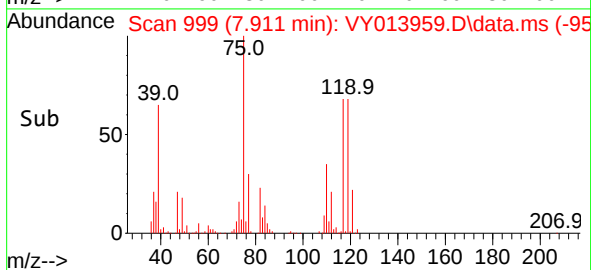
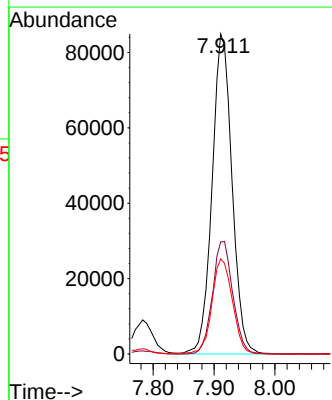
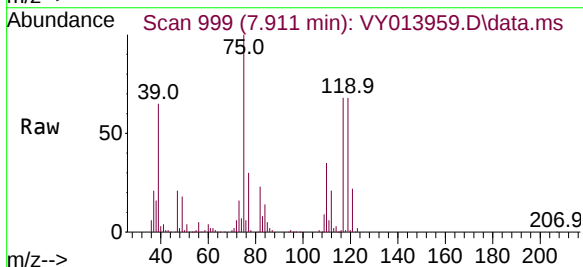
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

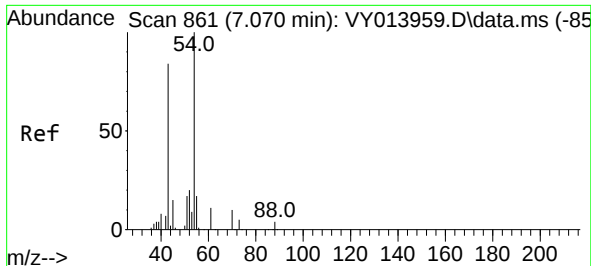
Tgt Ion:113 Resp: 136359
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 21.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.428 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 75 Resp: 193277
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.5 24.4 36.6

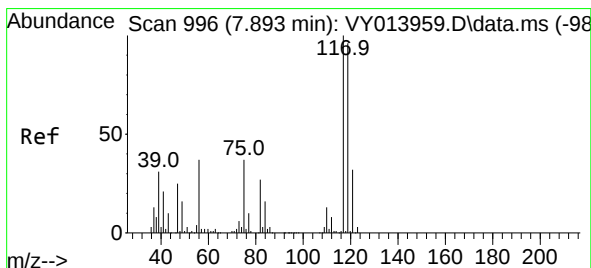
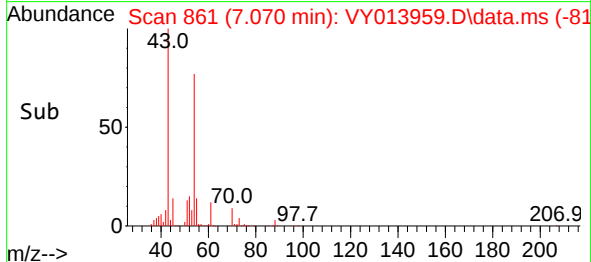
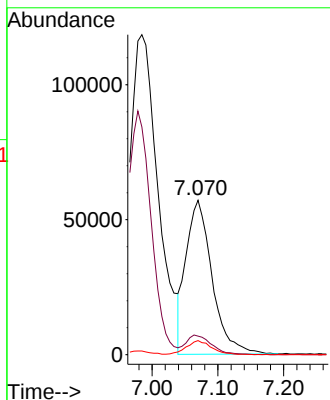
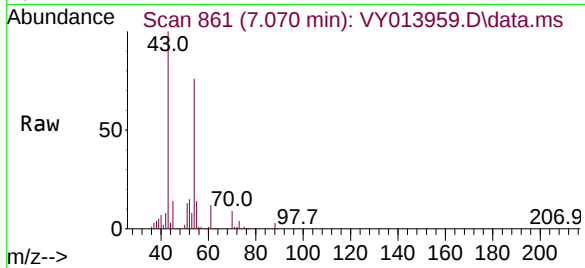




#37
Ethyl Acetate
Concen: 47.898 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

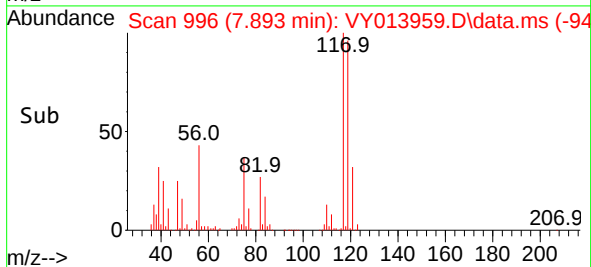
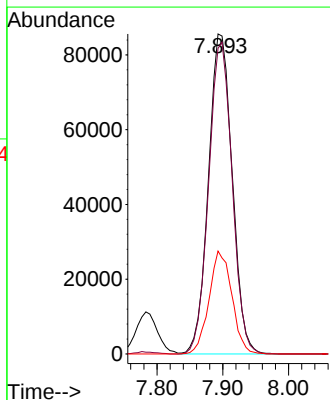
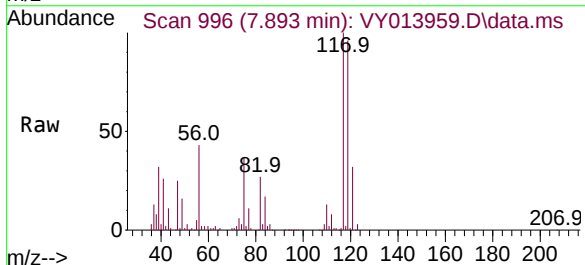
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

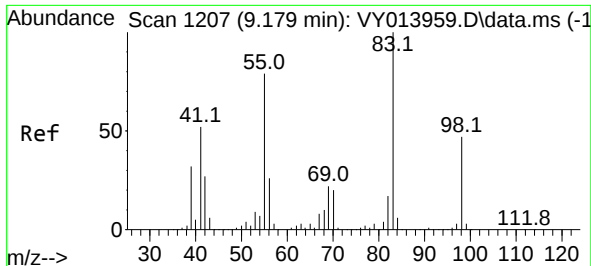
Tgt Ion: 43 Resp: 156947
Ion Ratio Lower Upper
43 100
61 12.6 10.1 15.1
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 51.226 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 117 Resp: 215732
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 32.2 25.8 38.6





#39

Methylcyclohexane

Concen: 53.701 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

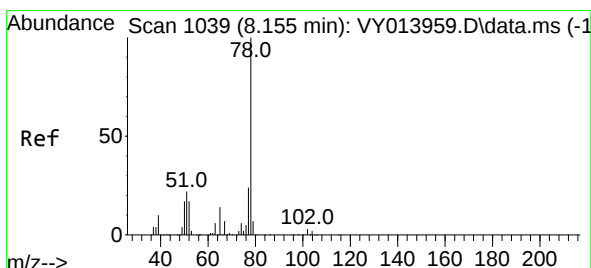
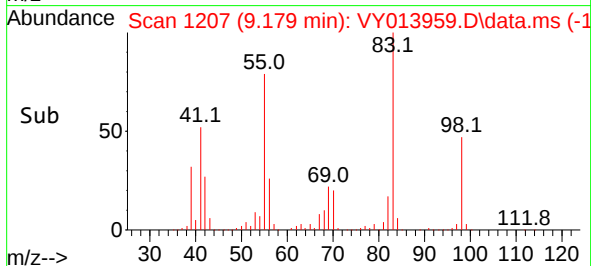
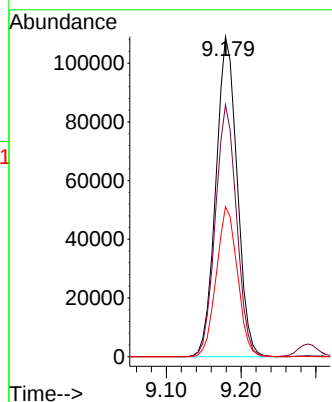
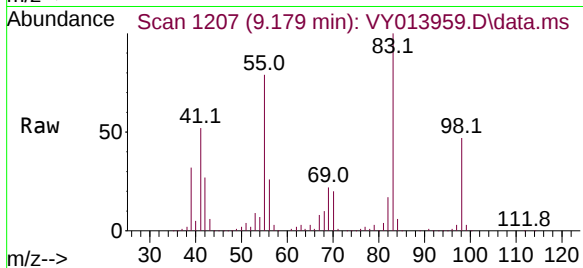
Tgt Ion: 83 Resp: 215460

Ion Ratio Lower Upper

83 100

55 78.7 63.0 94.4

98 46.8 37.4 56.2



#40

Benzene

Concen: 50.544 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY013959.D

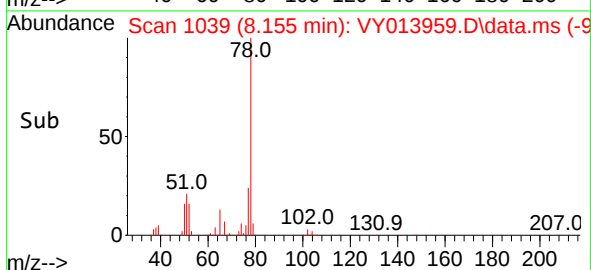
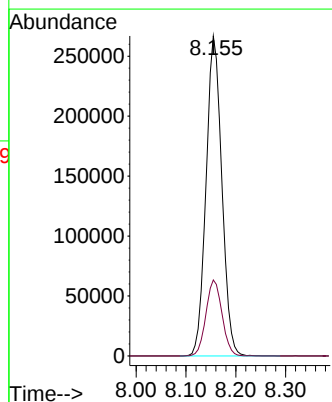
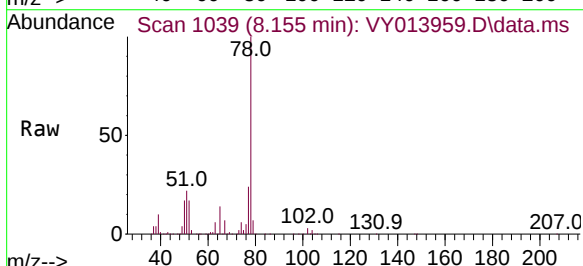
Acq: 01 Jun 2023 12:28

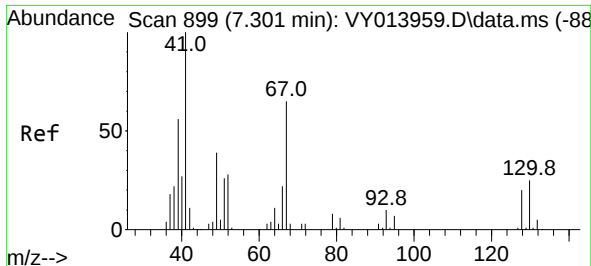
Tgt Ion: 78 Resp: 585980

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

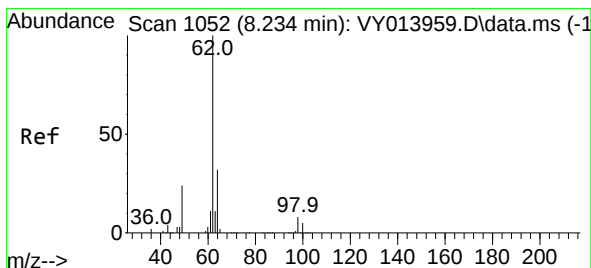
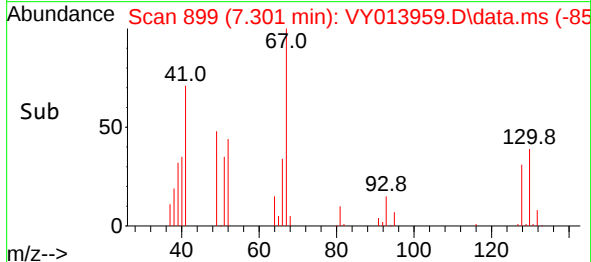
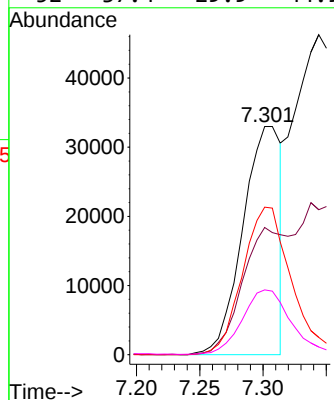
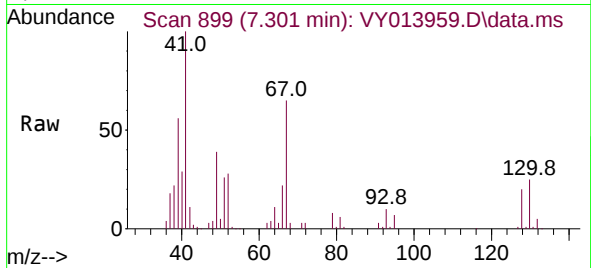




#41
Methacrylonitrile
Concen: 45.747 ug/l
RT: 7.301 min Scan# 899
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

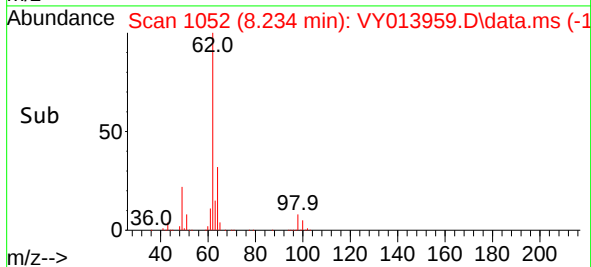
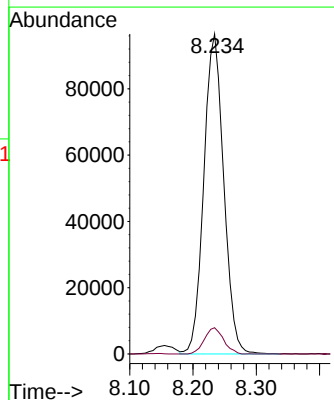
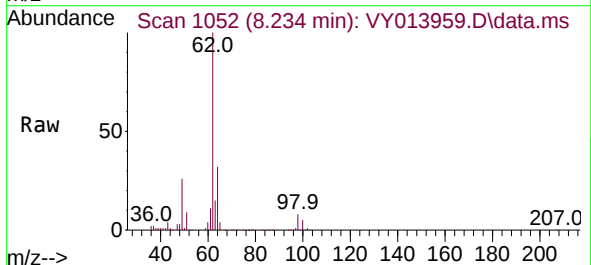
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

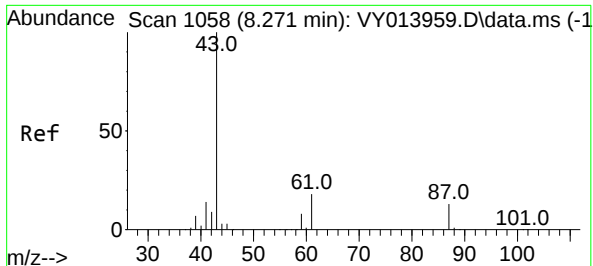
Tgt Ion:	41	Resp:	69280
Ion	Ratio	Lower	Upper
41	100		
39	65.1	52.1	78.1
67	82.7	66.2	99.2
52	37.4	29.9	44.9



#42
1,2-Dichloroethane
Concen: 49.700 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion:	62	Resp:	211285
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8

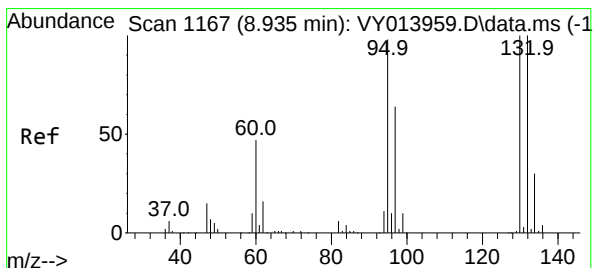
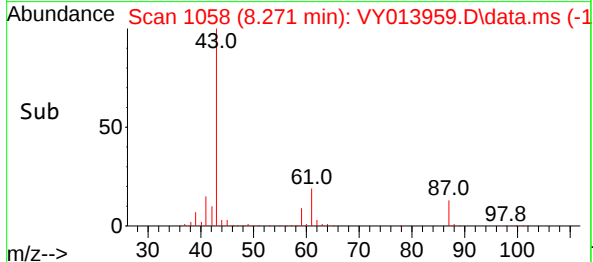
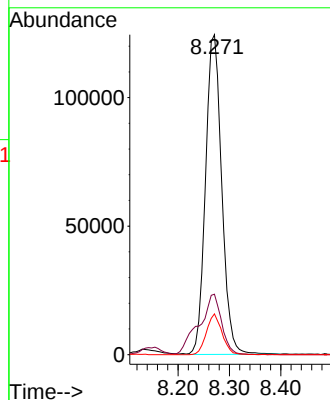
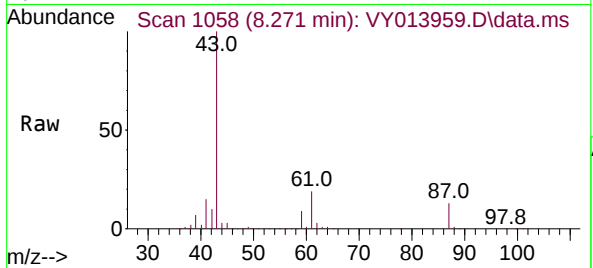




#43
Isopropyl Acetate
Concen: 49.402 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

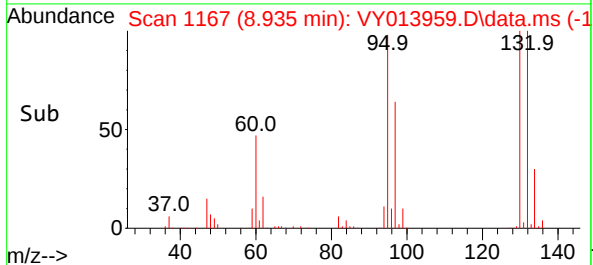
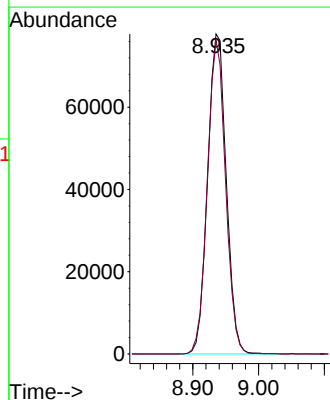
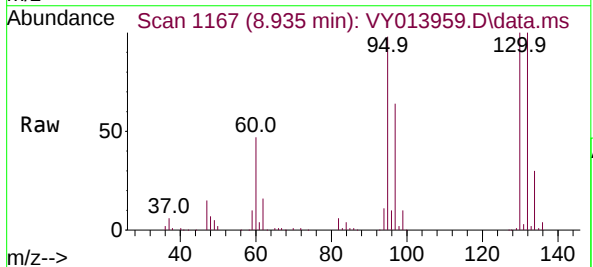
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

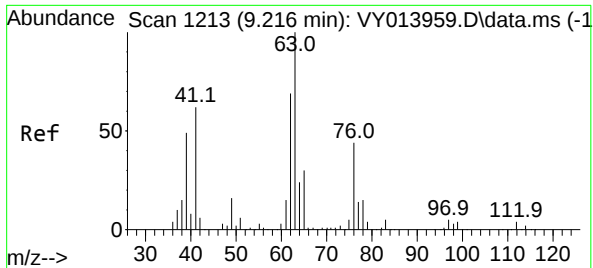
Tgt Ion: 43 Resp: 272562
Ion Ratio Lower Upper
43 100
61 26.4 21.1 31.7
87 12.3 9.8 14.8



#44
Trichloroethene
Concen: 50.439 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 130 Resp: 153133
Ion Ratio Lower Upper
130 100
95 98.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.403 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

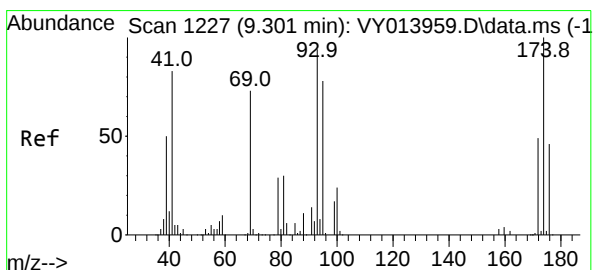
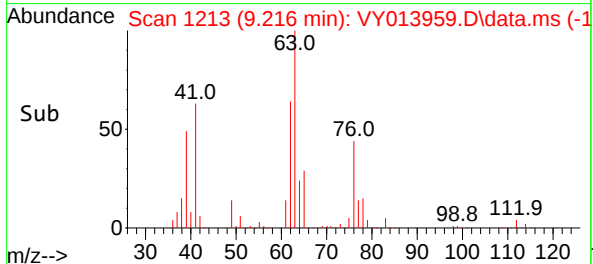
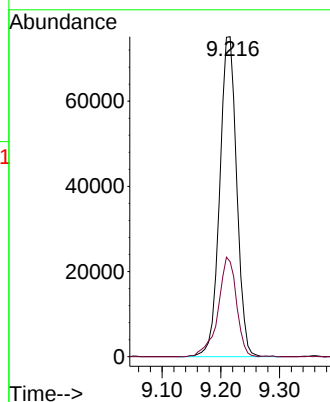
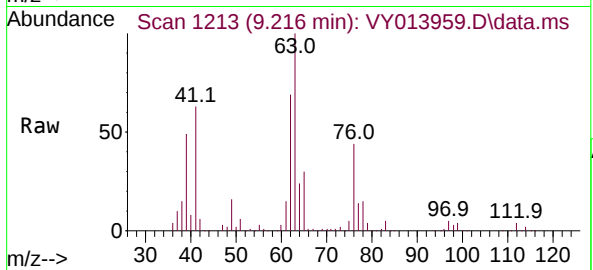
VSTDICCC050

Tgt Ion: 63 Resp: 150798

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.6



#46

Dibromomethane

Concen: 49.736 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

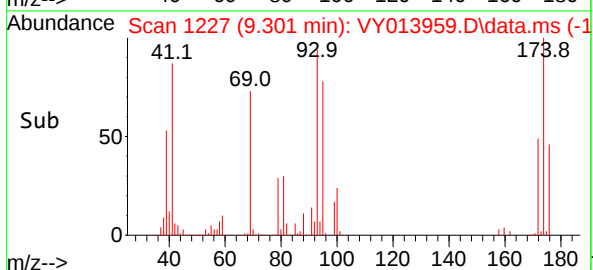
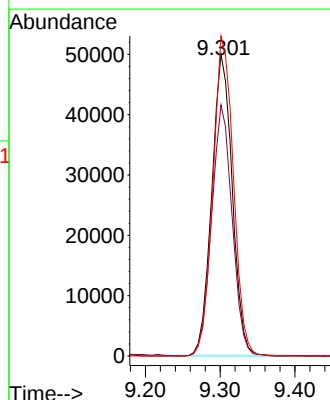
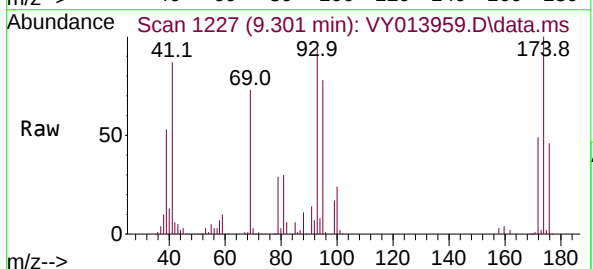
Tgt Ion: 93 Resp: 95263

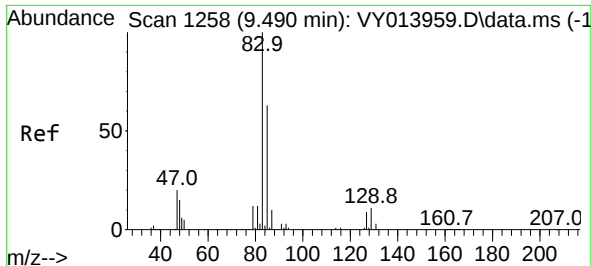
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 106.0 84.8 127.2

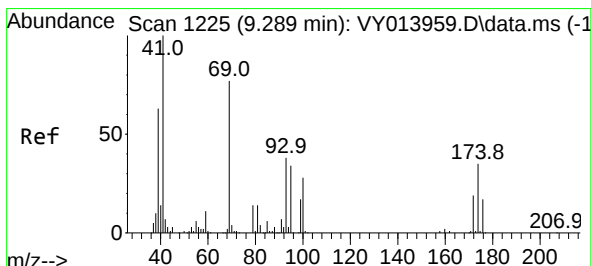
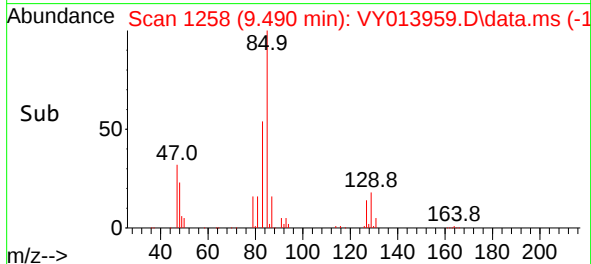
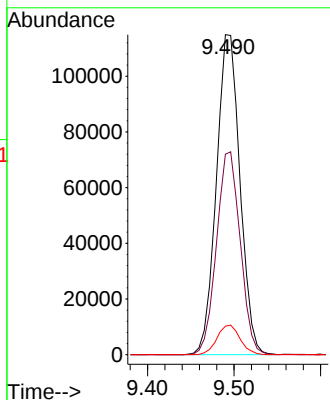
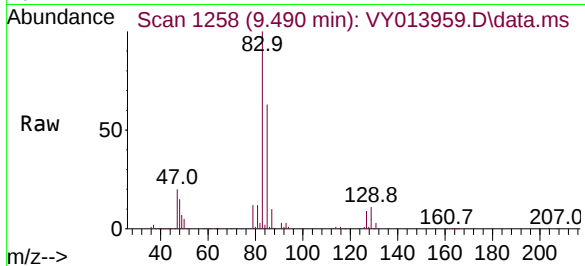




#47
Bromodichloromethane
Concen: 50.441 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

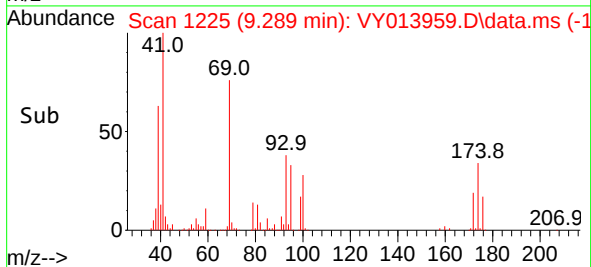
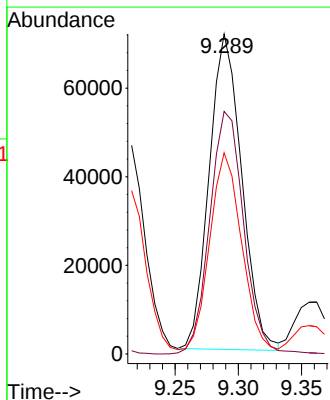
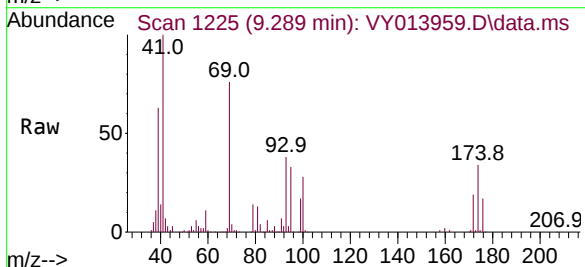
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

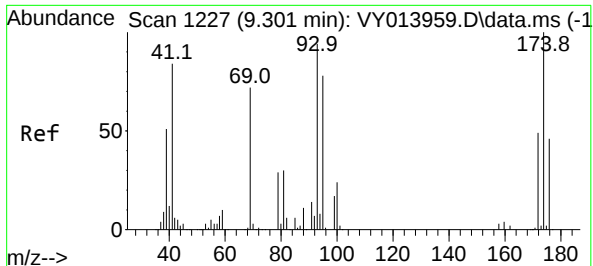
Tgt Ion: 83 Resp: 217641
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 50.694 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 41 Resp: 127303
Ion Ratio Lower Upper
41 100
69 80.6 64.5 96.7
39 63.5 50.8 76.2





#49

1,4-Dioxane

Concen: 996.504 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

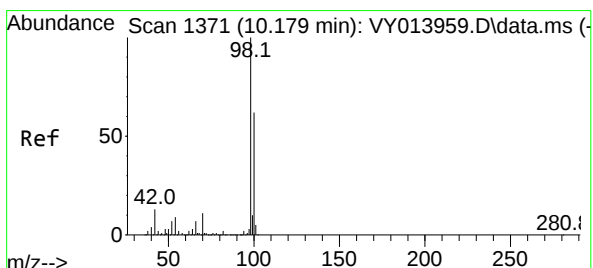
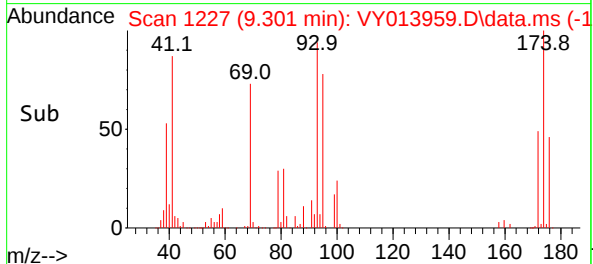
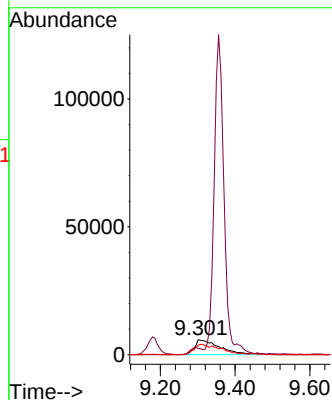
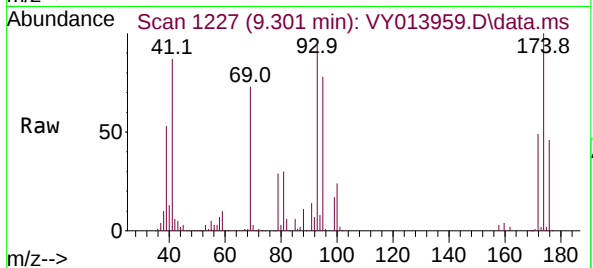
Tgt Ion: 88 Resp: 27757

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 38.6 30.9 46.3



#50

Toluene-d8

Concen: 50.933 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013959.D

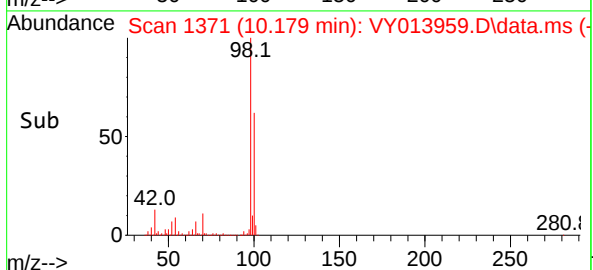
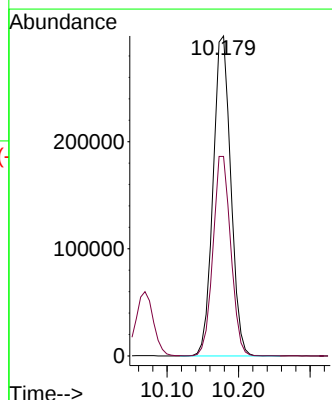
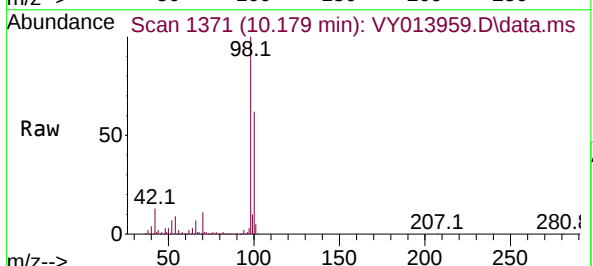
Acq: 01 Jun 2023 12:28

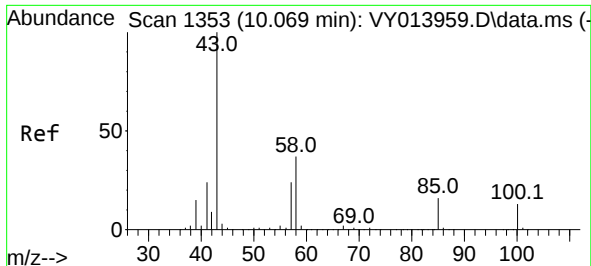
Tgt Ion: 98 Resp: 512498

Ion Ratio Lower Upper

98 100

100 62.6 50.1 75.1

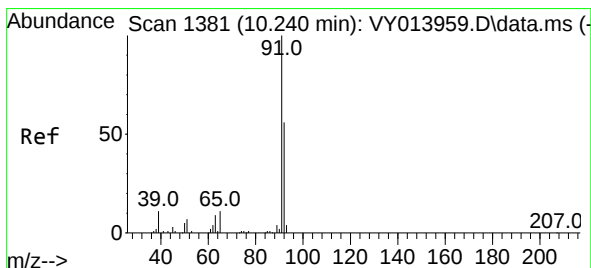
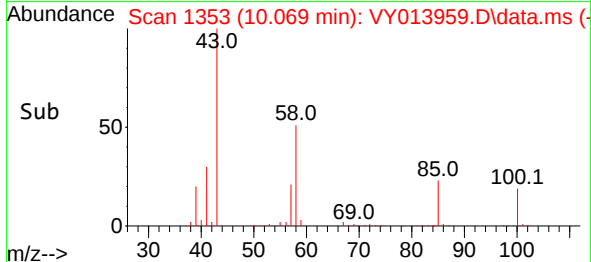
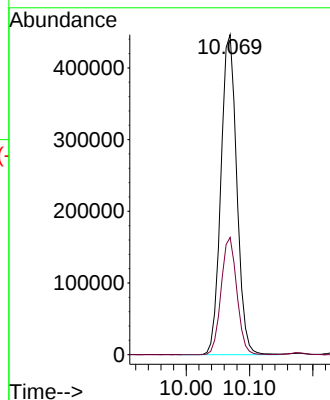
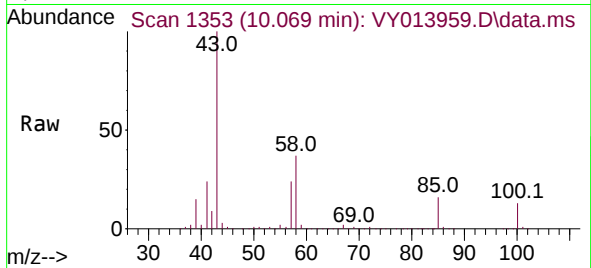




#51
4-Methyl-2-Pentanone
Concen: 248.611 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

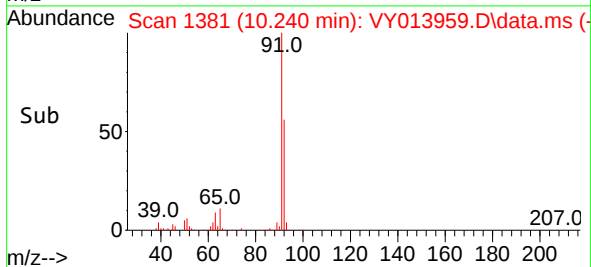
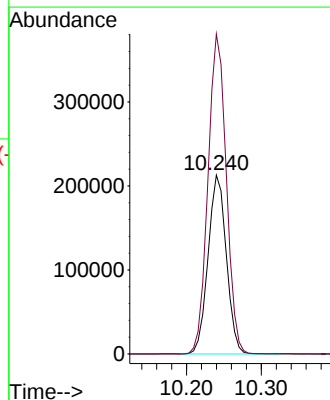
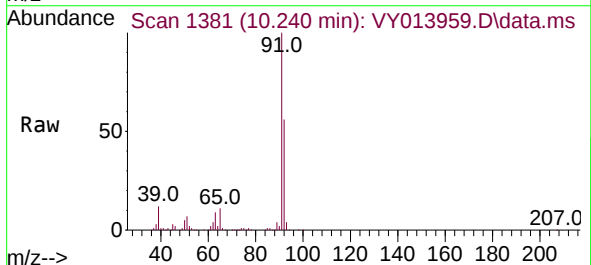
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

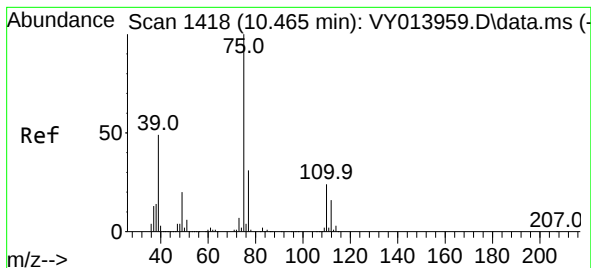
Tgt Ion: 43 Resp: 774745
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6



#52
Toluene
Concen: 50.800 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 92 Resp: 360791
Ion Ratio Lower Upper
92 100
91 179.7 143.8 215.6

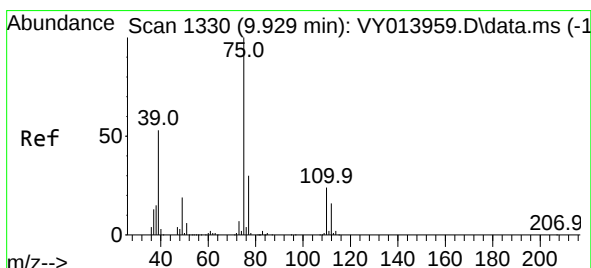
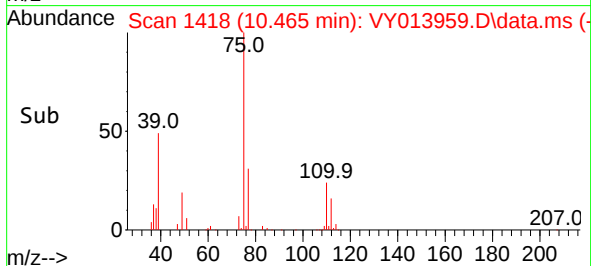
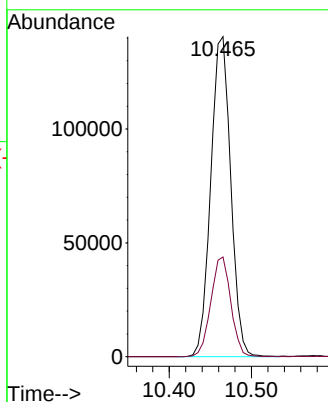
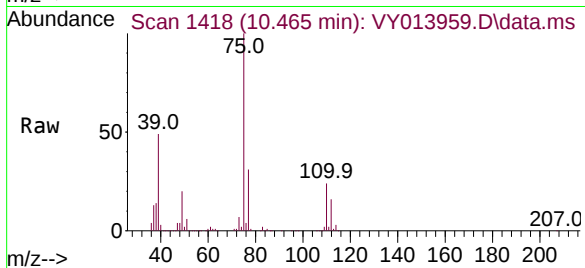




#53
t-1,3-Dichloropropene
Concen: 51.173 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

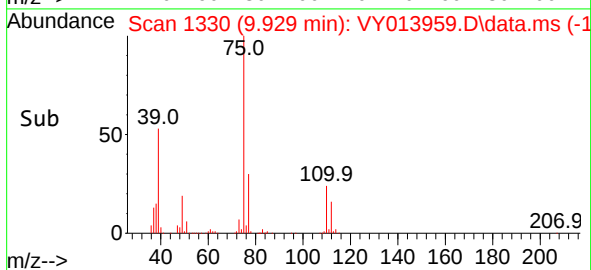
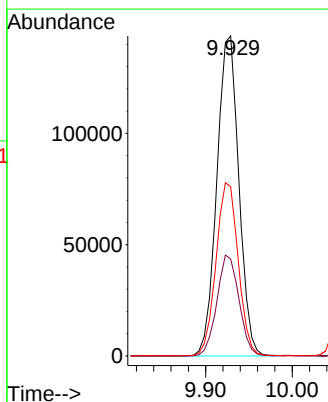
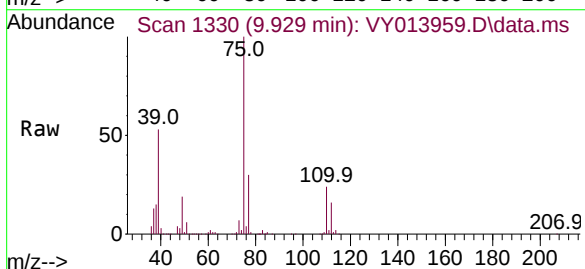
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

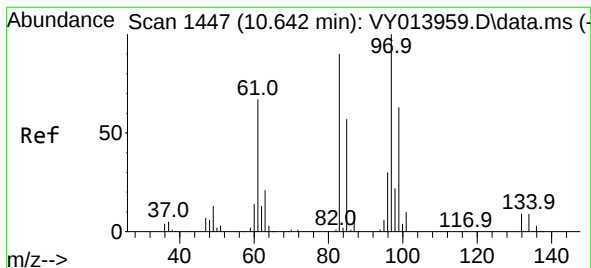
Tgt Ion: 75 Resp: 237178
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.343 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 75 Resp: 254069
Ion Ratio Lower Upper
75 100
77 30.3 24.2 36.4
39 52.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 49.862 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 125908

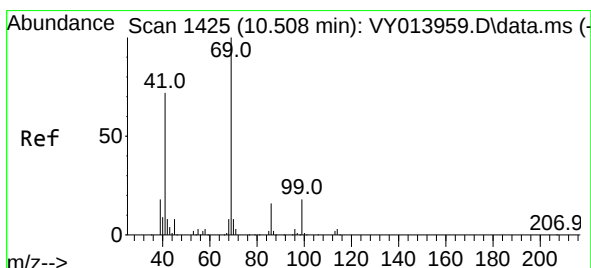
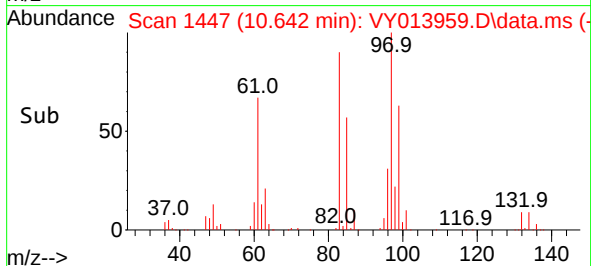
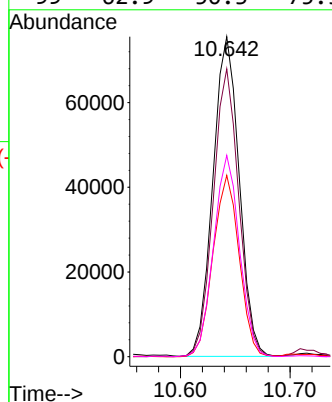
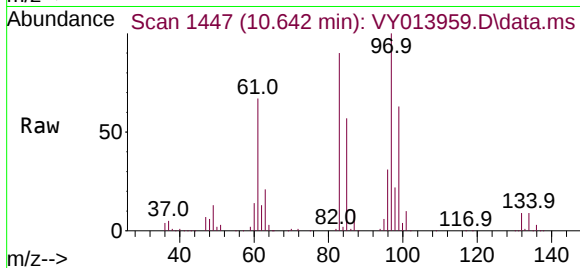
Ion Ratio Lower Upper

97 100

83 90.0 72.0 108.0

85 56.7 45.4 68.0

99 62.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.040 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

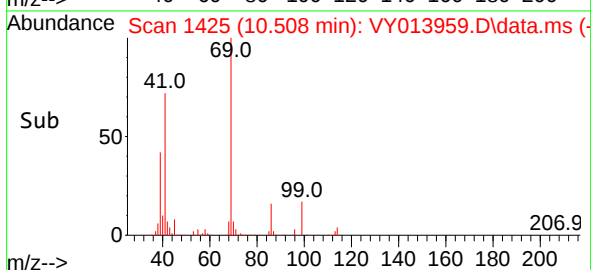
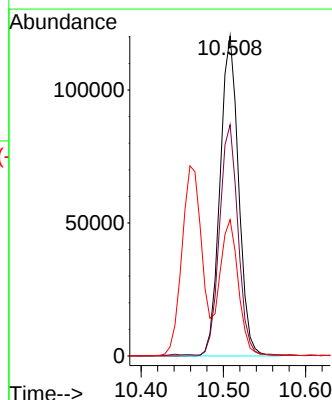
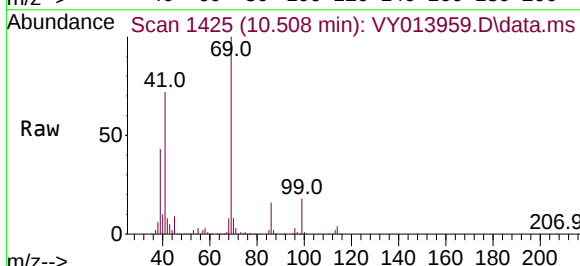
Tgt Ion: 69 Resp: 188675

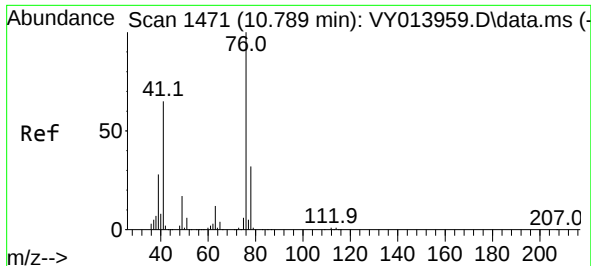
Ion Ratio Lower Upper

69 100

41 72.0 57.6 86.4

39 42.6 34.1 51.1





#57

1,3-Dichloropropane

Concen: 50.559 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

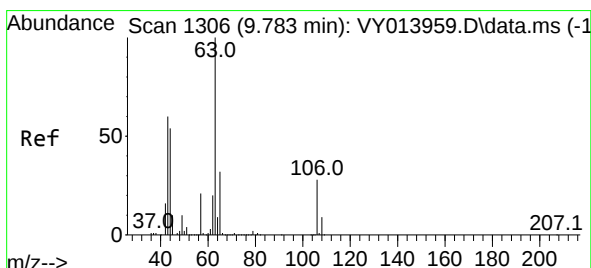
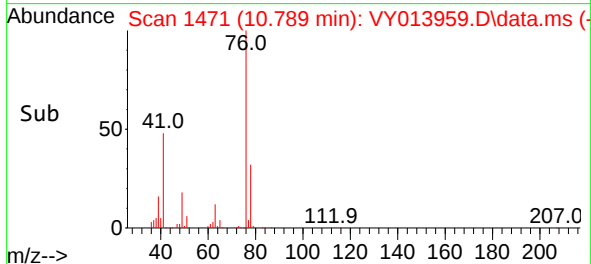
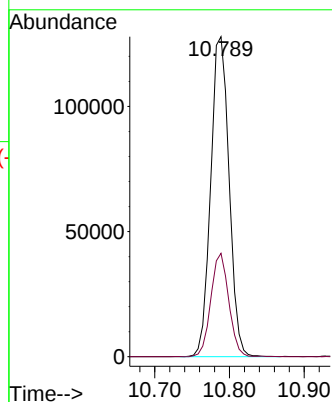
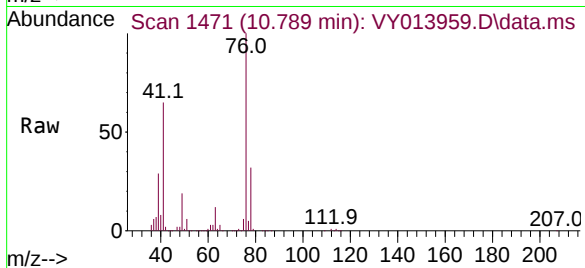
VSTDICCC050

Tgt Ion: 76 Resp: 218147

Ion Ratio Lower Upper

76 100

78 31.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 243.458 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013959.D

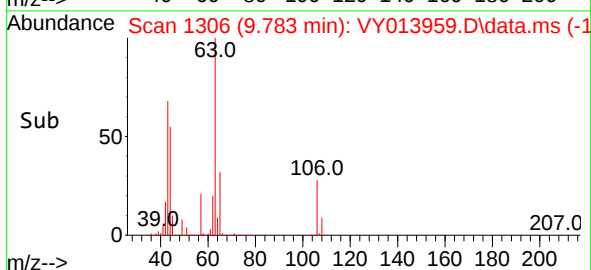
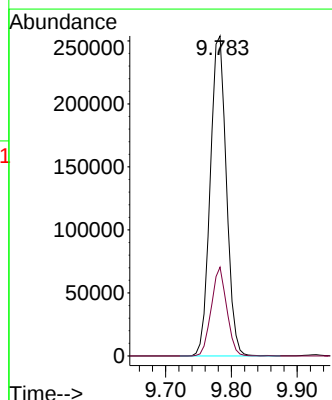
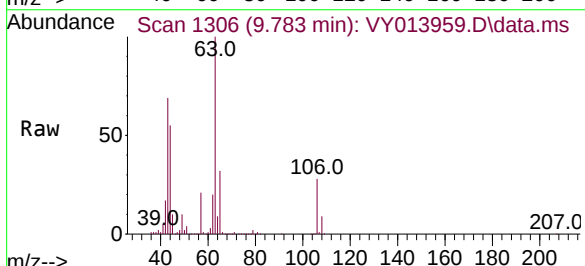
Acq: 01 Jun 2023 12:28

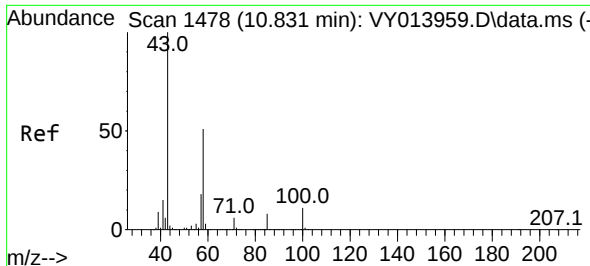
Tgt Ion: 63 Resp: 433109

Ion Ratio Lower Upper

63 100

106 26.5 21.2 31.8

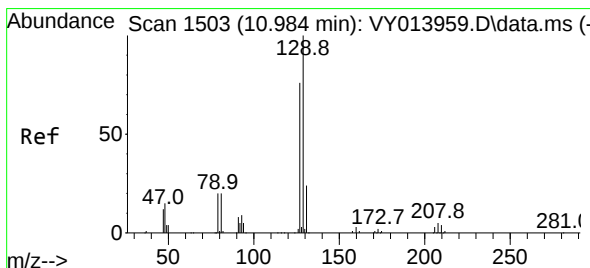
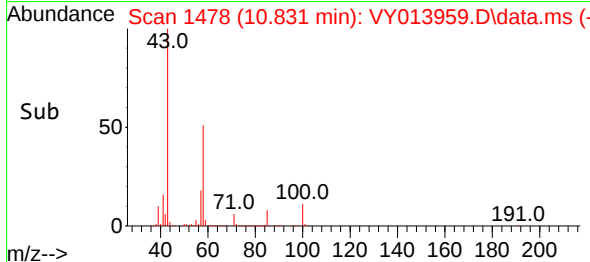
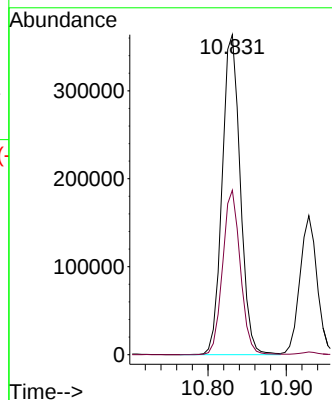
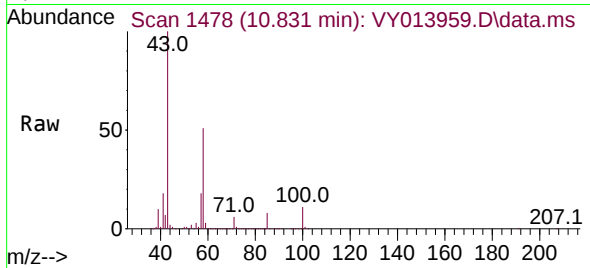




#59
2-Hexanone
Concen: 259.281 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

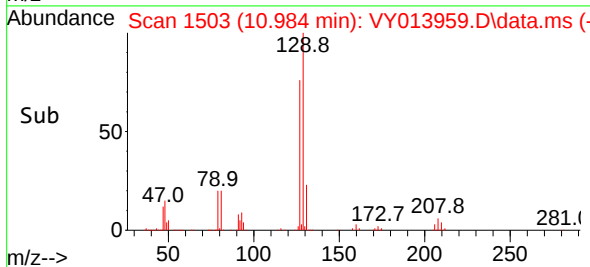
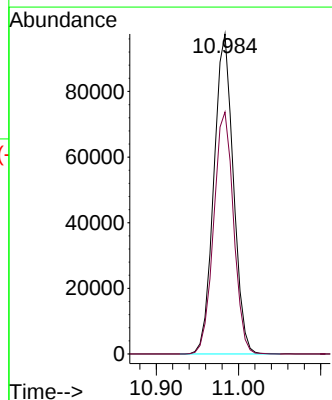
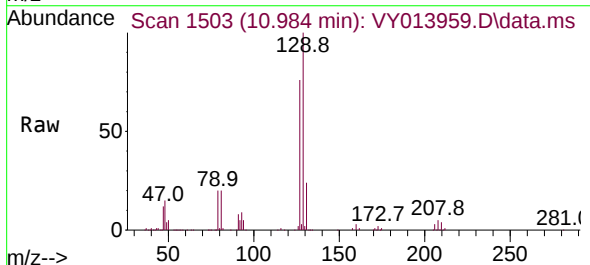
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

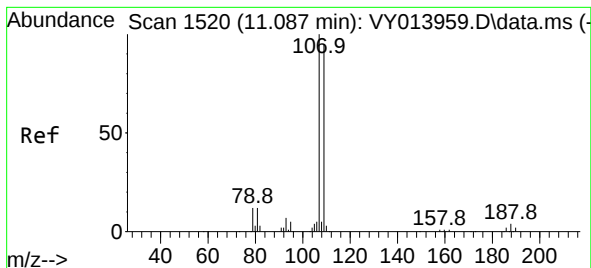
Tgt Ion: 43 Resp: 585073
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3



#60
Dibromochloromethane
Concen: 50.287 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 129 Resp: 160490
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

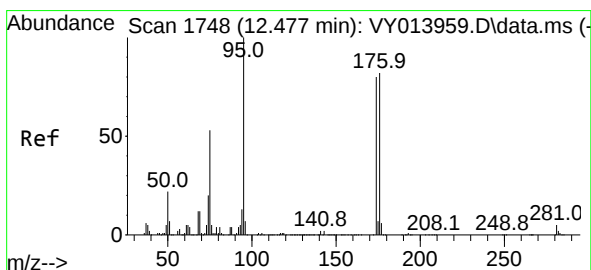
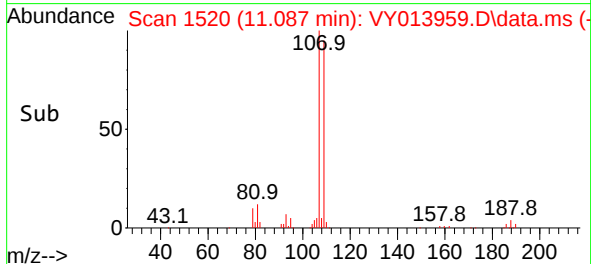
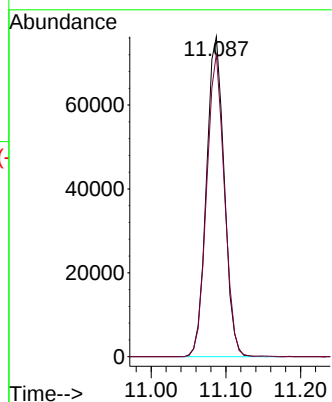
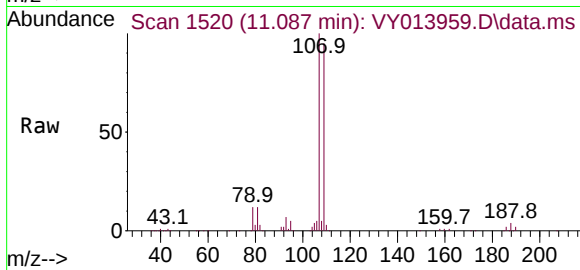




#61
1,2-Dibromoethane
Concen: 49.664 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

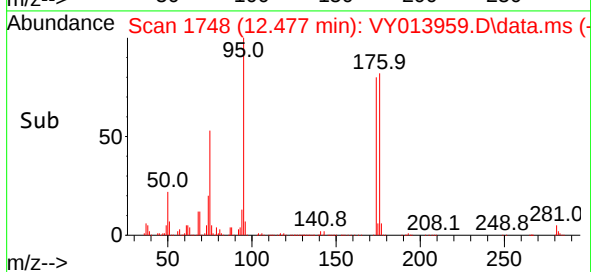
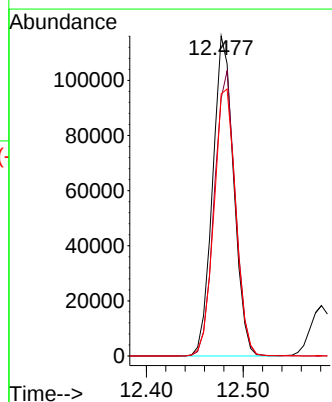
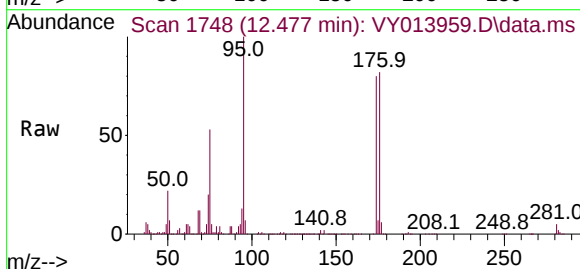
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

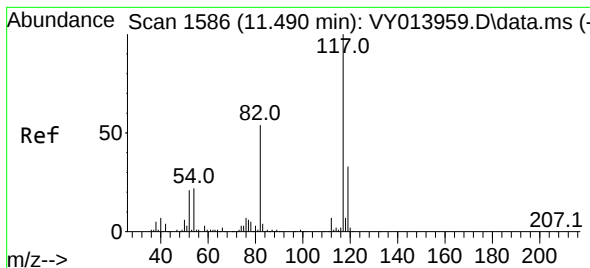
Tgt Ion:107 Resp: 126001
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.147 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 95 Resp: 175455
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.2
176 86.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

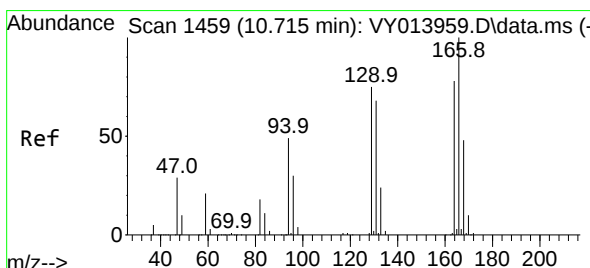
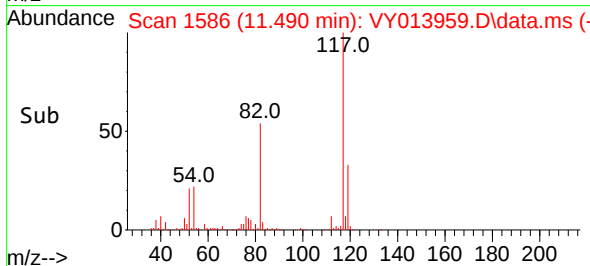
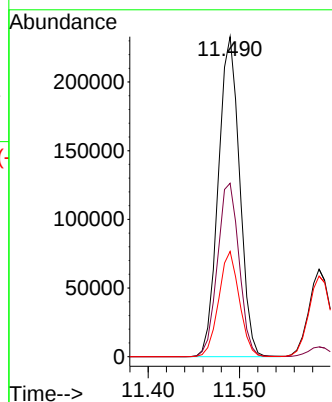
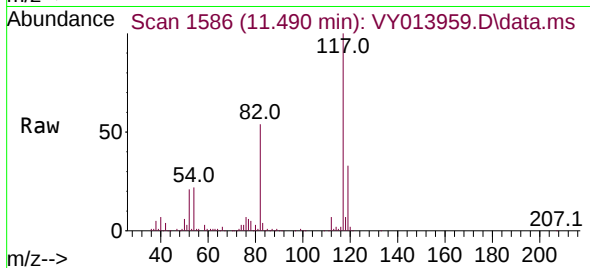
Tgt Ion:117 Resp: 377507

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 32.9 26.3 39.5



#64

Tetrachloroethene

Concen: 50.904 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Tgt Ion:164 Resp: 131648

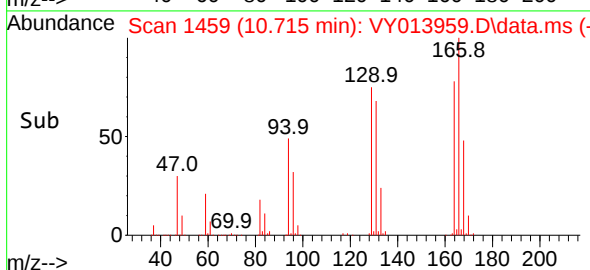
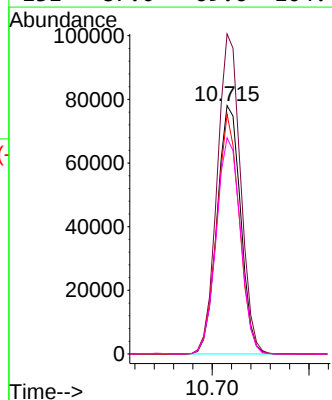
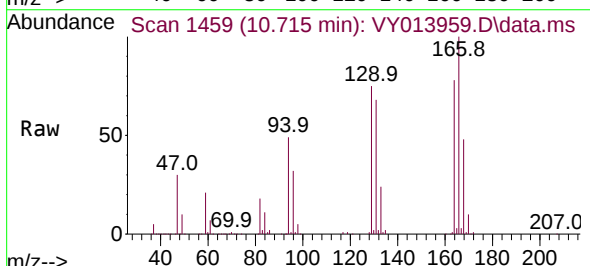
Ion Ratio Lower Upper

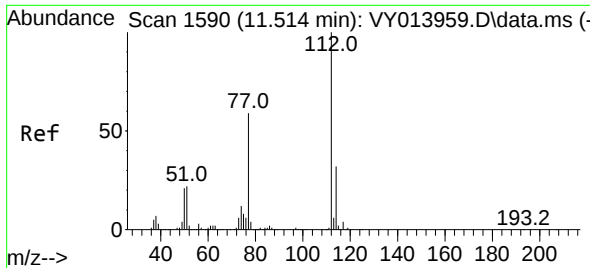
164 100

166 128.8 103.0 154.6

129 96.5 77.2 115.8

131 87.0 69.6 104.4

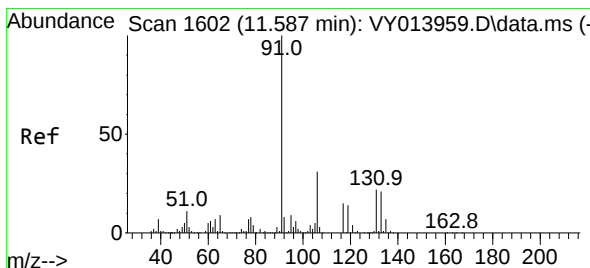
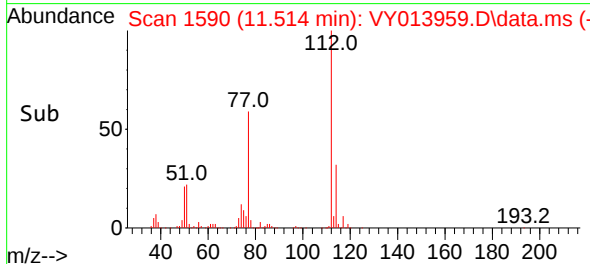
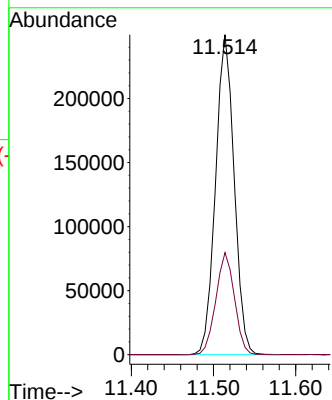
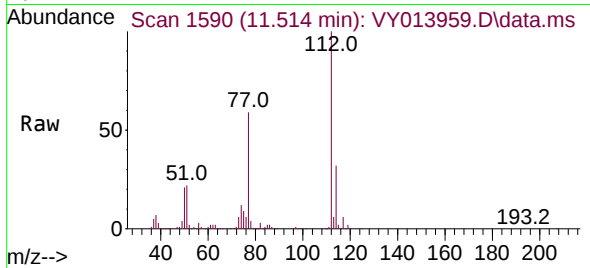




#65
Chlorobenzene
Concen: 50.694 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

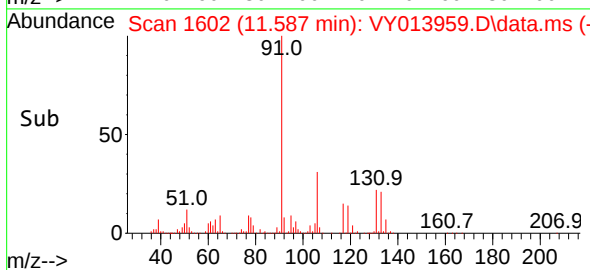
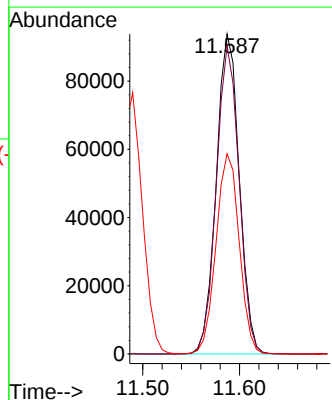
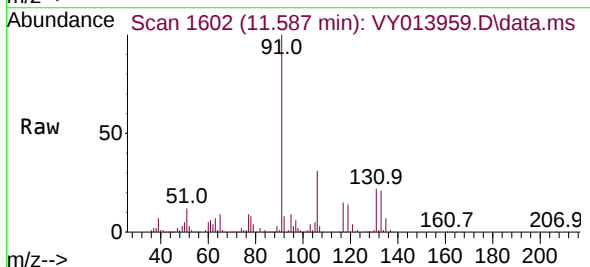
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

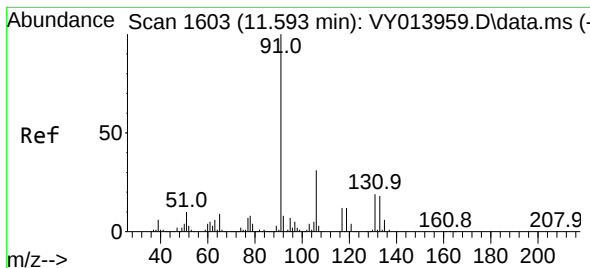
Tgt Ion:112 Resp: 392611
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.408 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion:131 Resp: 154996
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 63.1 31.6 94.7





#67

Ethyl Benzene

Concen: 52.251 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

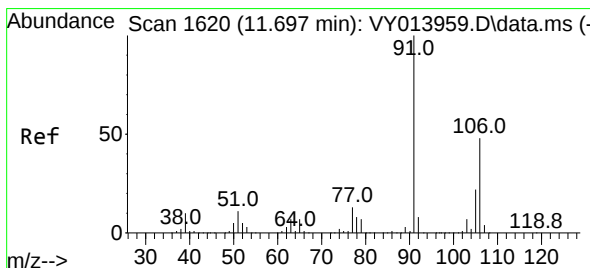
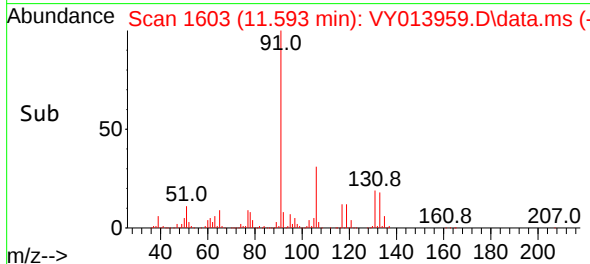
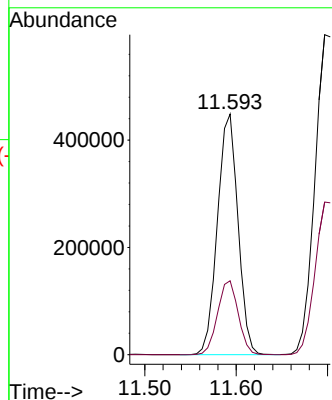
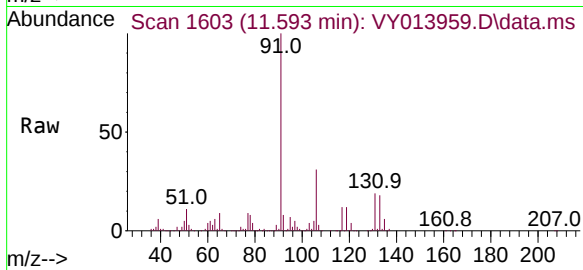
VSTDICCC050

Tgt Ion: 91 Resp: 700448

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 104.675 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY013959.D

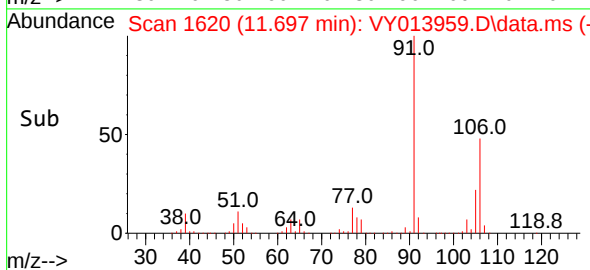
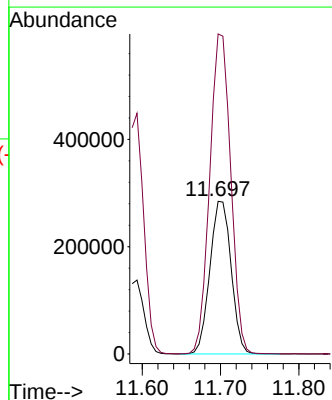
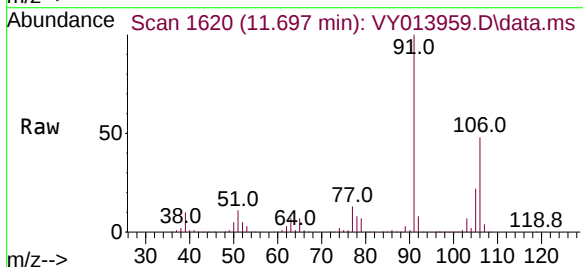
Acq: 01 Jun 2023 12:28

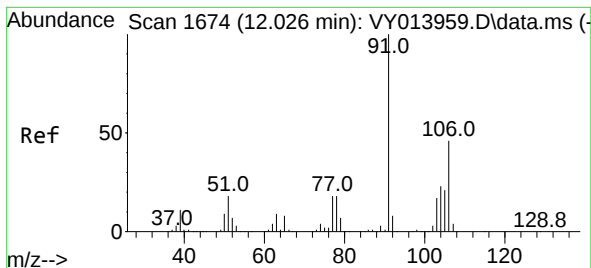
Tgt Ion:106 Resp: 536015

Ion Ratio Lower Upper

106 100

91 207.6 166.1 249.1





#69

o-Xylene

Concen: 52.807 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

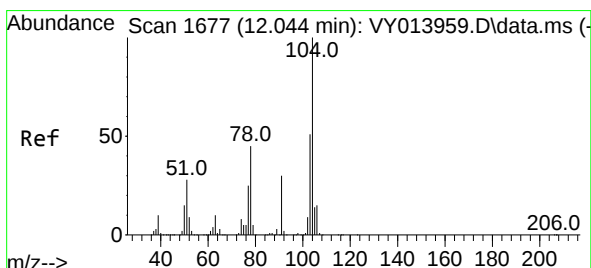
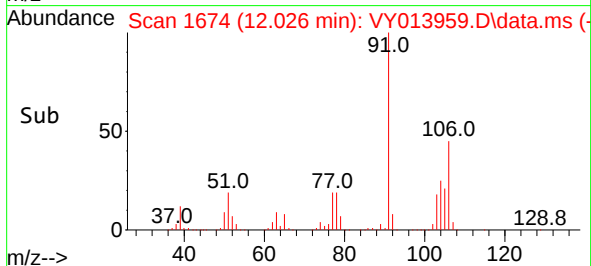
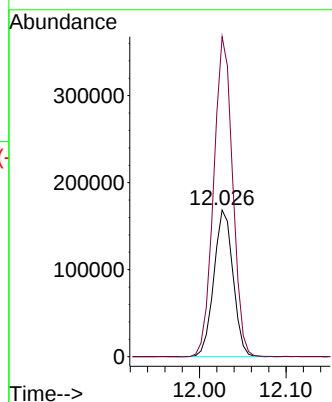
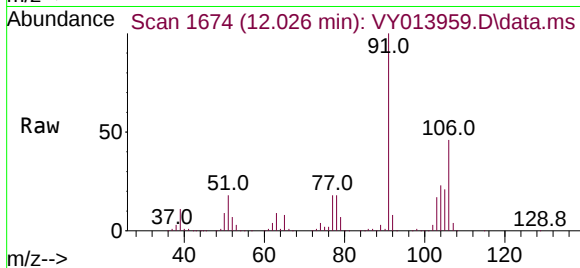
VSTDICCC050

Tgt Ion:106 Resp: 259110

Ion Ratio Lower Upper

106 100

91 216.2 108.1 324.3



#70

Styrene

Concen: 53.526 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

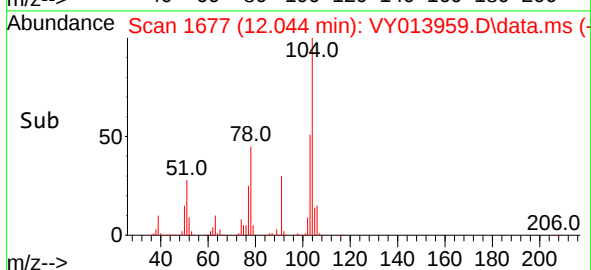
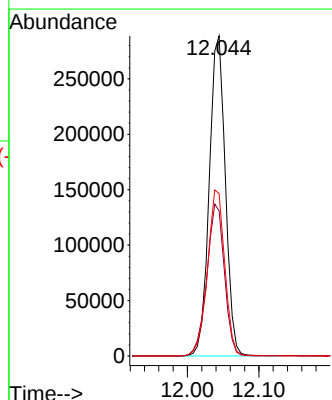
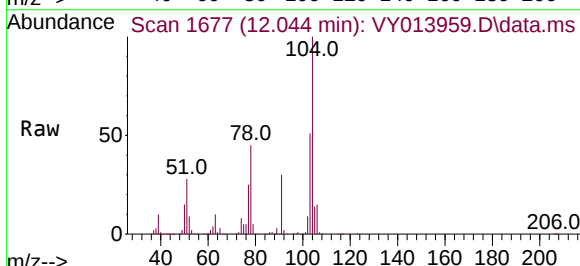
Tgt Ion:104 Resp: 451111

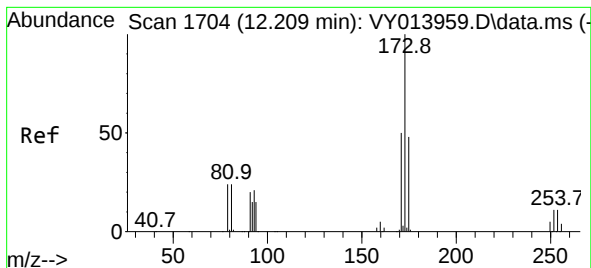
Ion Ratio Lower Upper

104 100

78 51.9 41.5 62.3

103 55.8 44.6 67.0





#71

Bromoform

Concen: 51.072 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

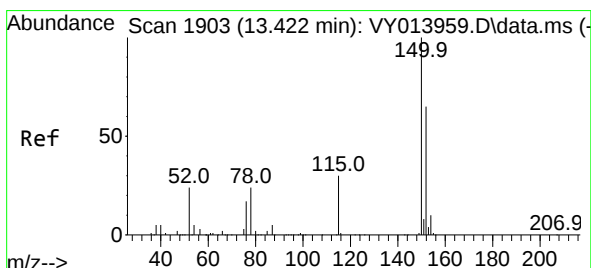
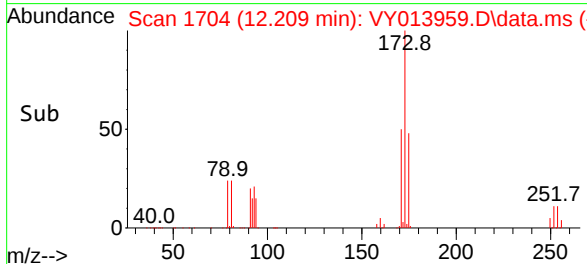
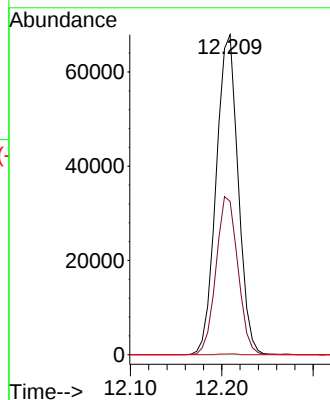
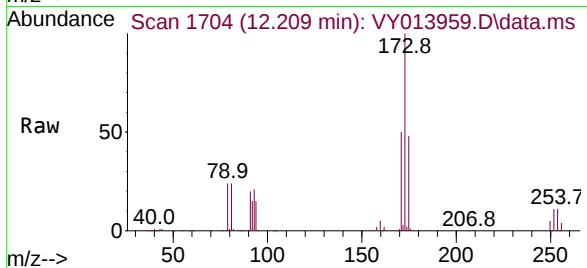
Tgt Ion:173 Resp: 113523

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

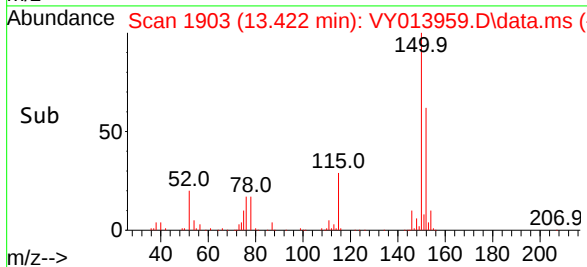
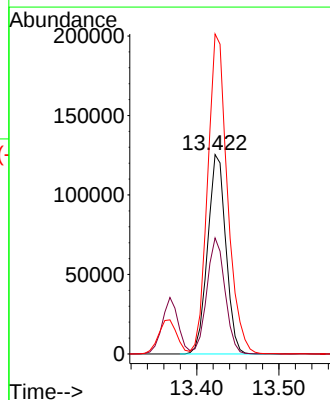
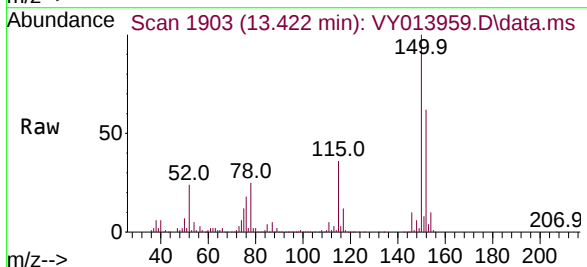
Tgt Ion:152 Resp: 192681

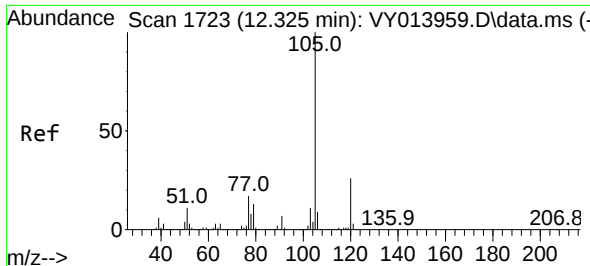
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 174.4 0.0 348.8

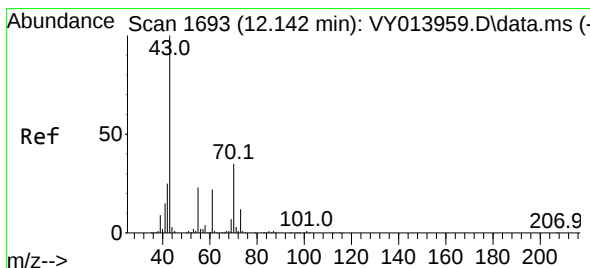
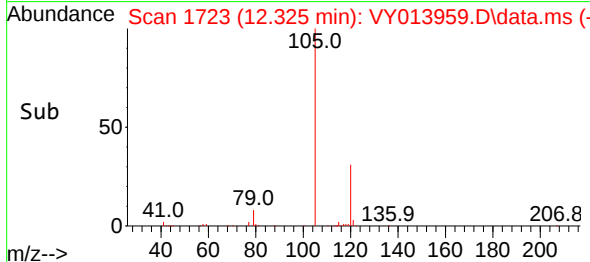
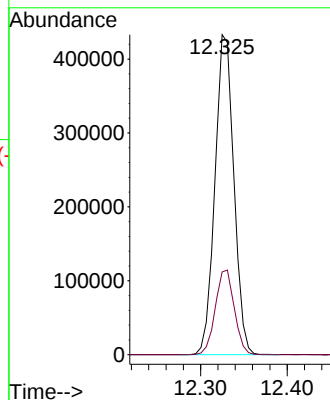
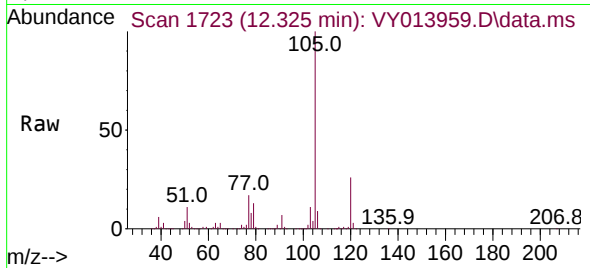




#73
Isopropylbenzene
Concen: 51.661 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

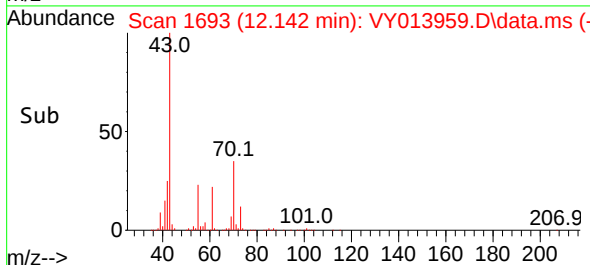
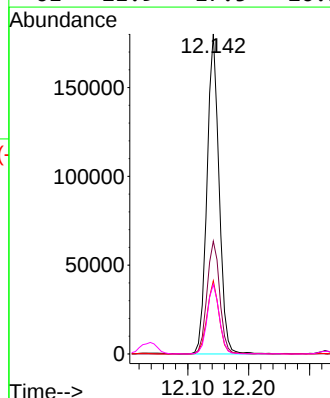
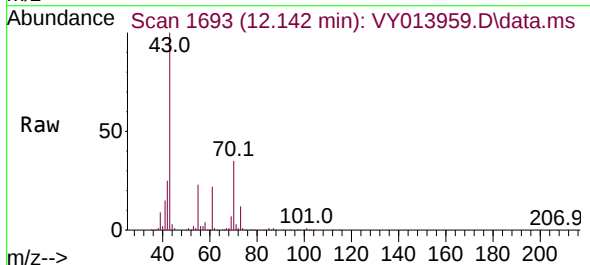
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

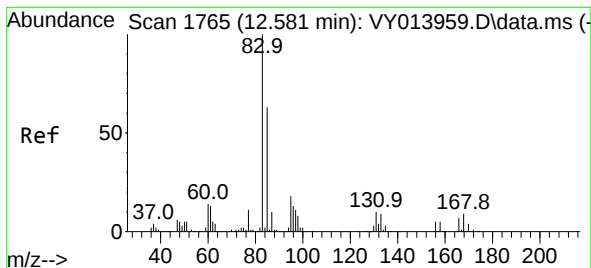
Tgt Ion:105 Resp: 657007
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 50.869 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 43 Resp: 248204
Ion Ratio Lower Upper
43 100
70 37.1 29.7 44.5
55 22.9 18.3 27.5
61 21.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.854 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

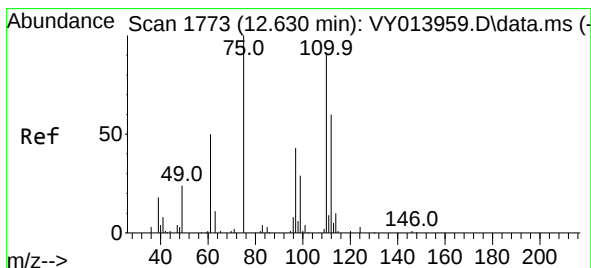
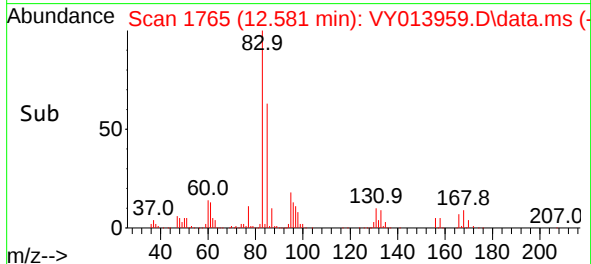
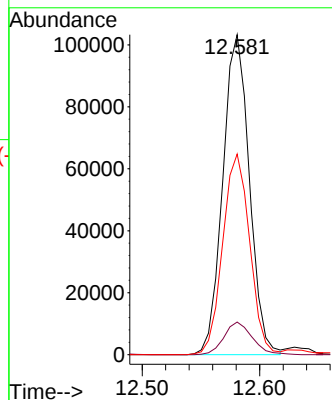
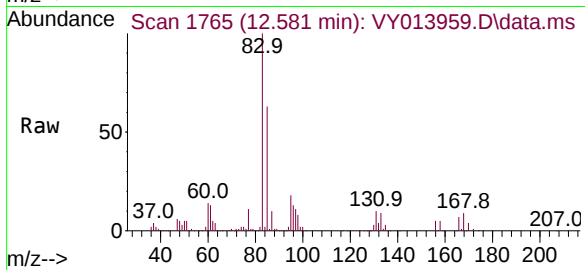
Tgt Ion: 83 Resp: 162384

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 63.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 84.330 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013959.D

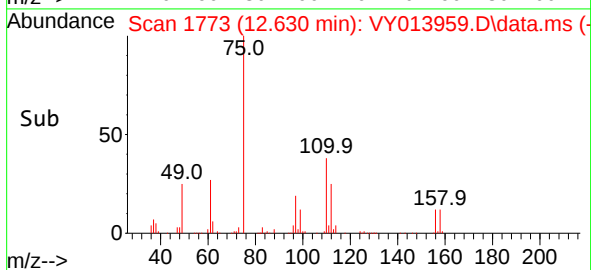
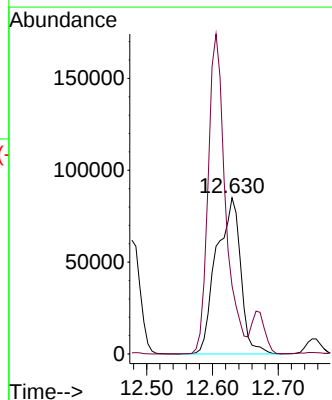
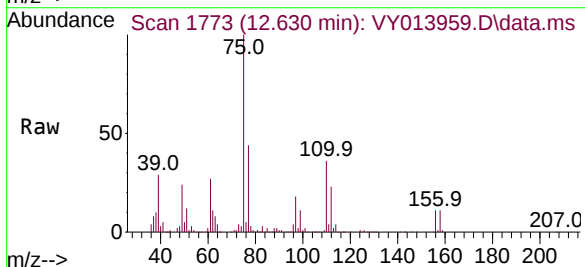
Acq: 01 Jun 2023 12:28

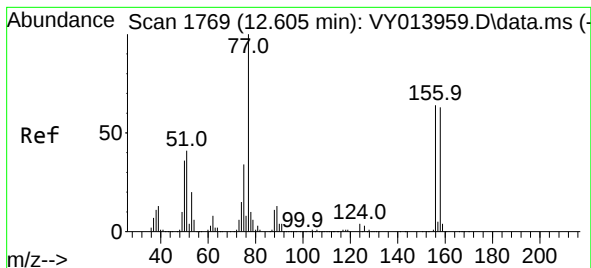
Tgt Ion: 75 Resp: 219088

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.399 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

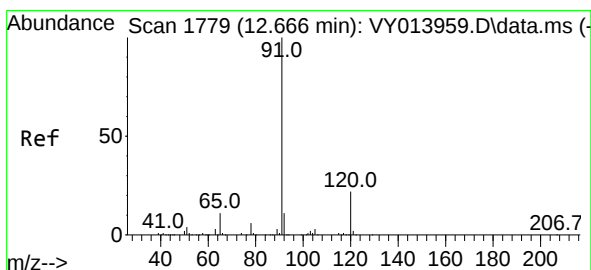
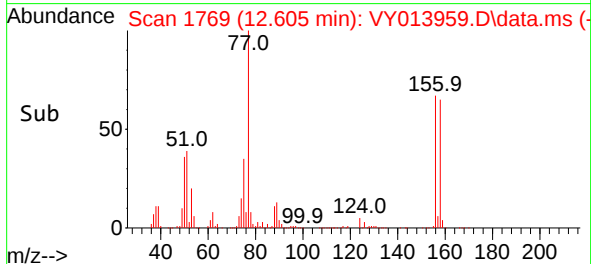
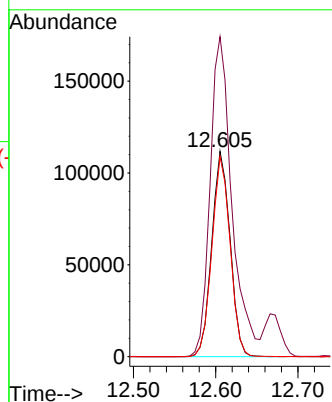
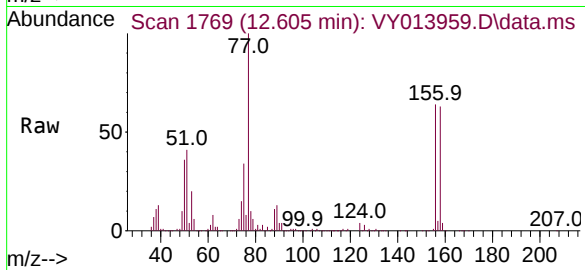
Tgt Ion:156 Resp: 173269

Ion Ratio Lower Upper

156 100

77 185.7 92.8 278.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 51.900 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY013959.D

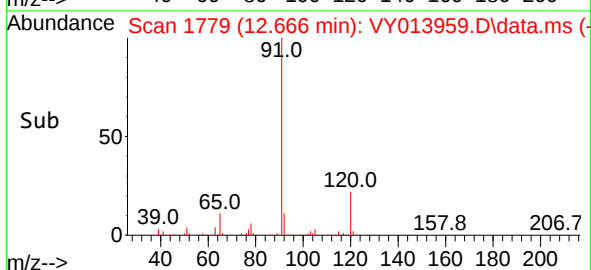
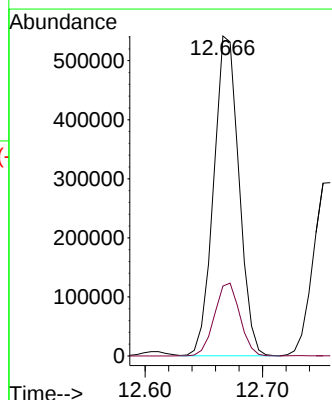
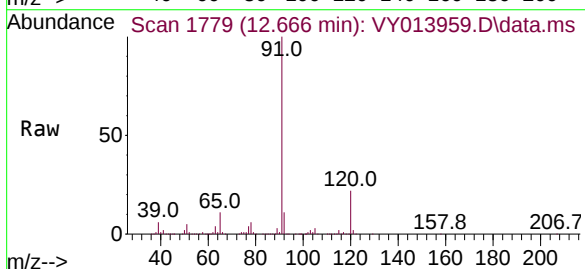
Acq: 01 Jun 2023 12:28

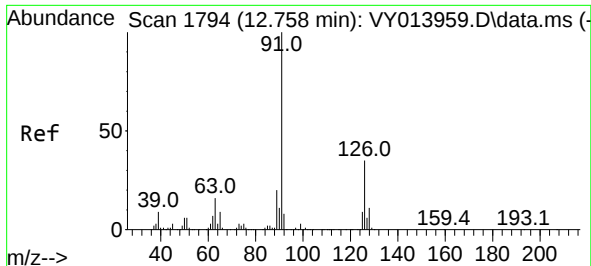
Tgt Ion: 91 Resp: 808936

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

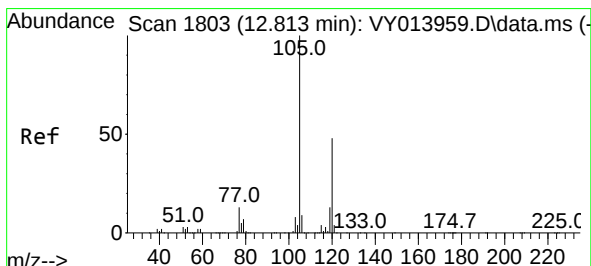
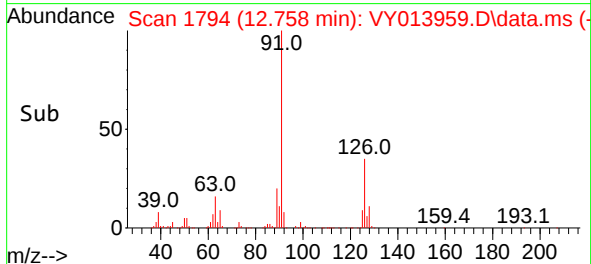
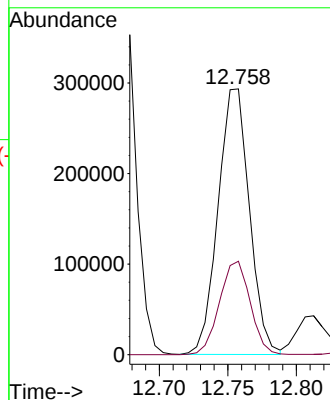
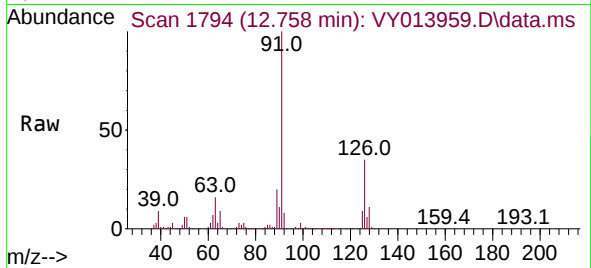




#79
2-Chlorotoluene
Concen: 50.736 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

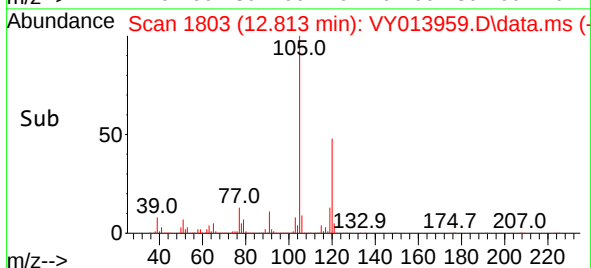
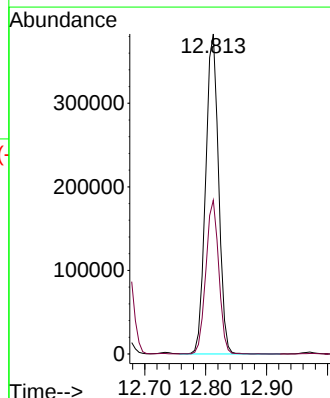
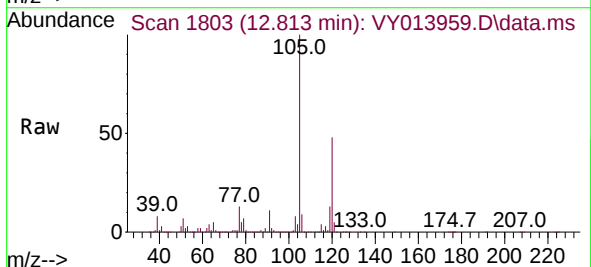
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

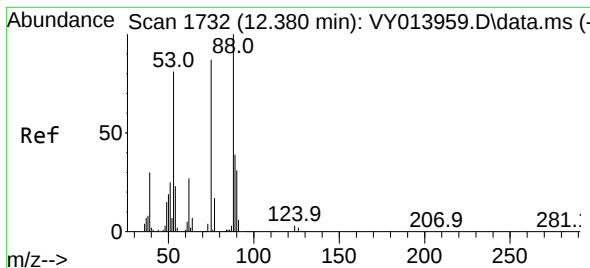
Tgt Ion: 91 Resp: 468162
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.854 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 105 Resp: 565204
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

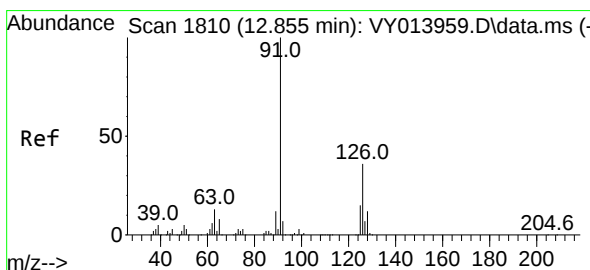
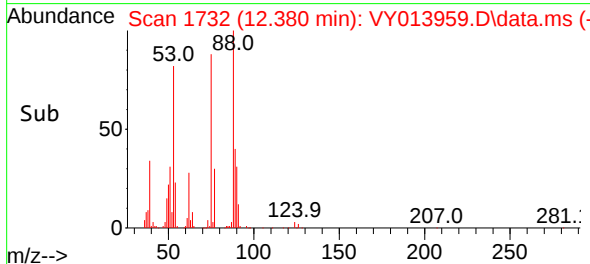
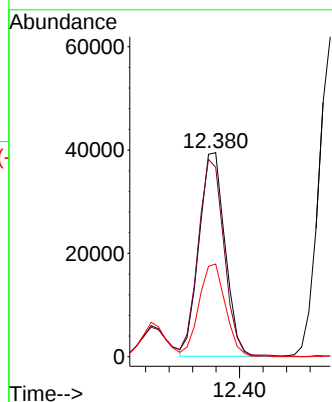
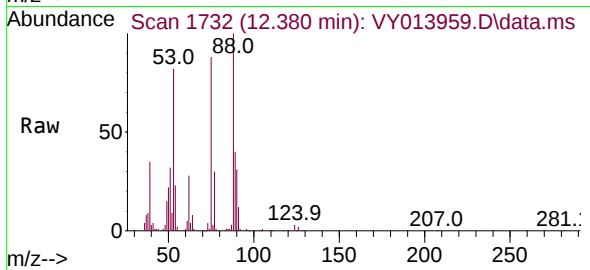




#81
trans-1,4-Dichloro-2-butene
Concen: 49.463 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

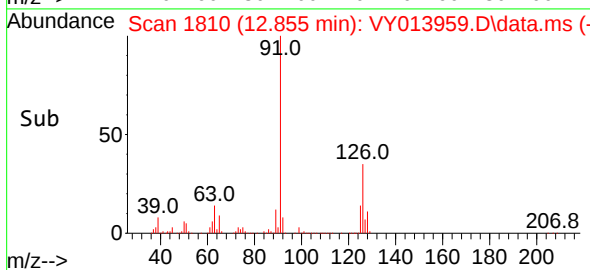
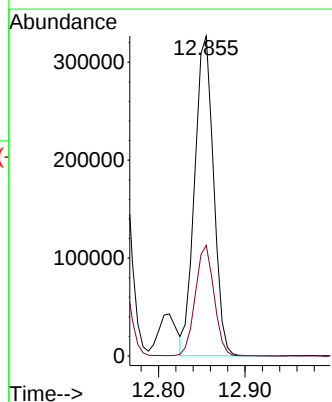
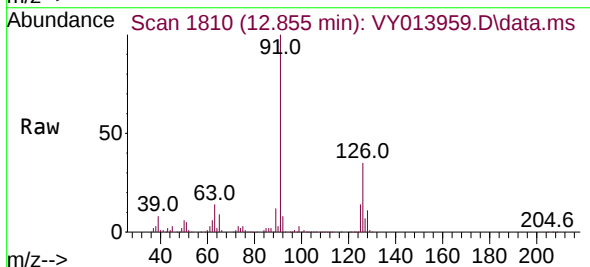
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

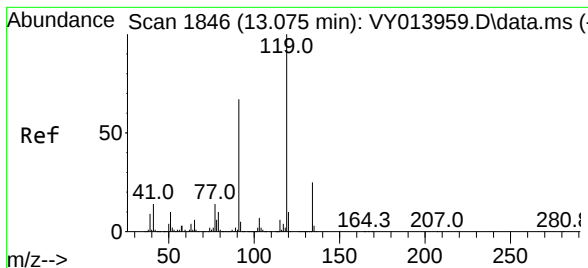
Tgt Ion: 75 Resp: 60453
Ion Ratio Lower Upper
75 100
53 97.3 77.8 116.8
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.978 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion: 91 Resp: 494712
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

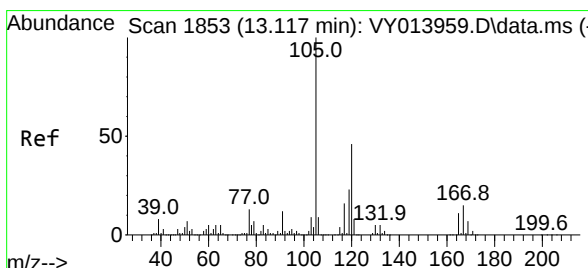
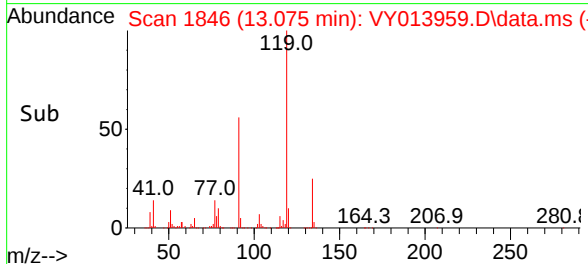
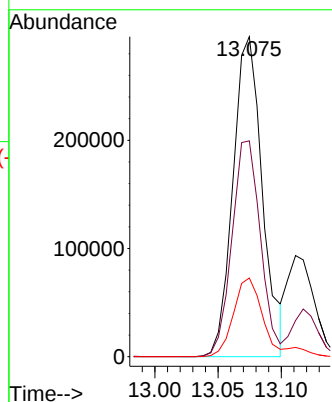
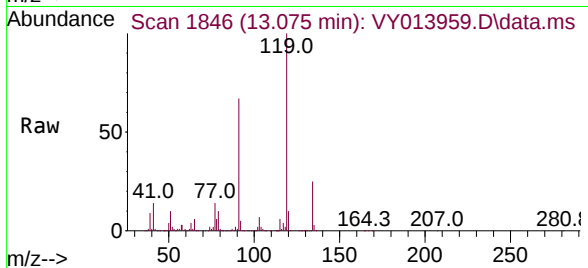




#83
 tert-Butylbenzene
 Concen: 52.463 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY013959.D
 Acq: 01 Jun 2023 12:28

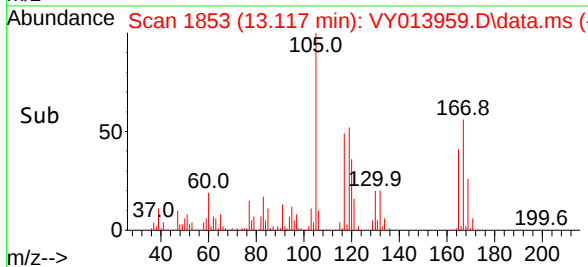
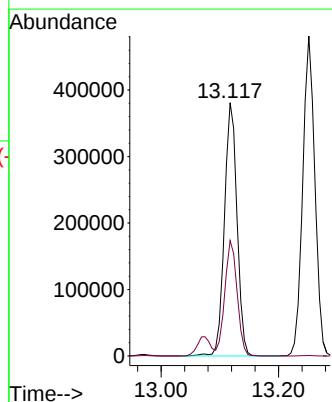
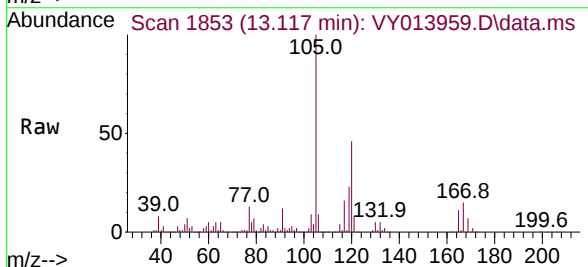
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

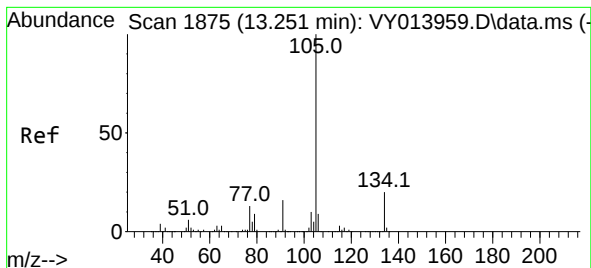
Tgt Ion:119 Resp: 478865
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.9 98.6
 134 25.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.071 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY013959.D
 Acq: 01 Jun 2023 12:28

Tgt Ion:105 Resp: 566902
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.949 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

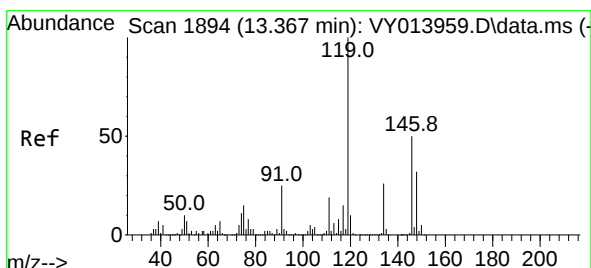
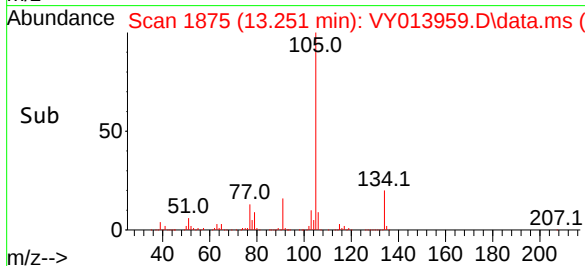
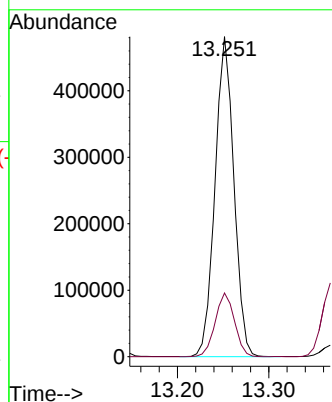
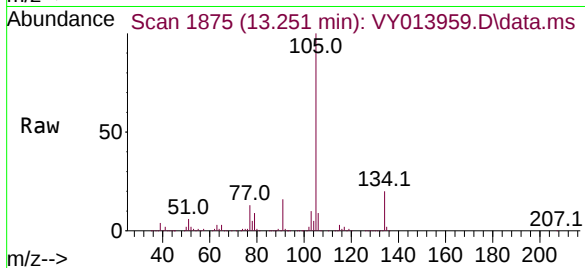
VSTDICCC050

Tgt Ion:105 Resp: 689531

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.884 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

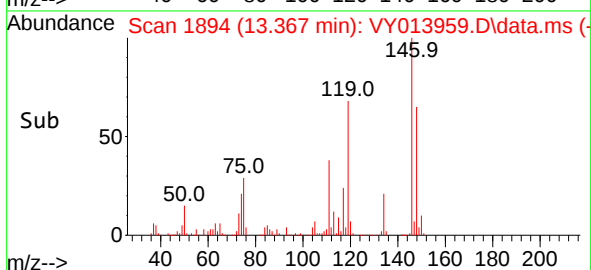
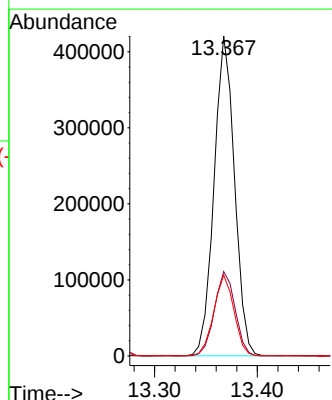
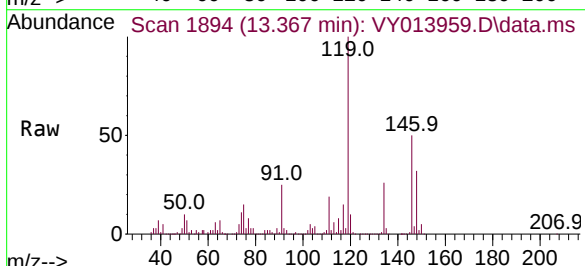
Tgt Ion:119 Resp: 581308

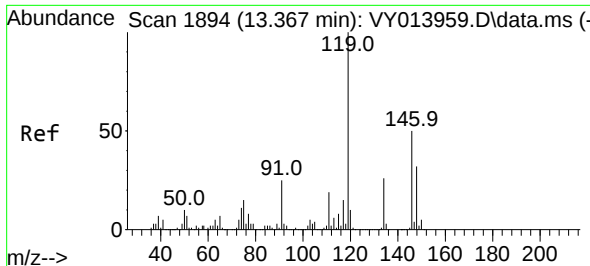
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.9 12.4 37.4

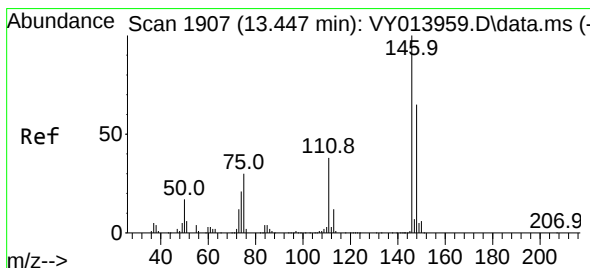
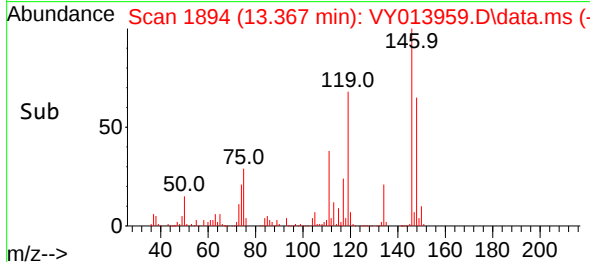
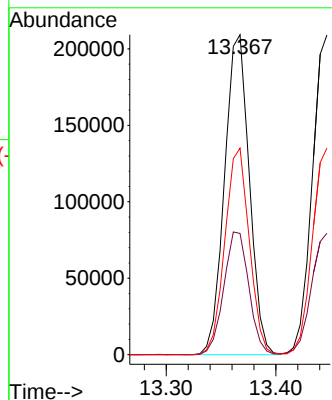
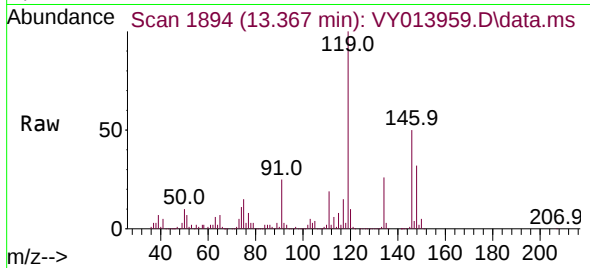




#87
1,3-Dichlorobenzene
Concen: 50.311 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

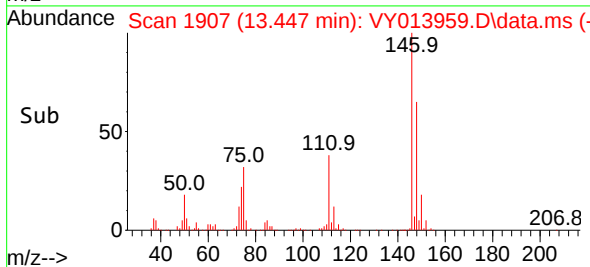
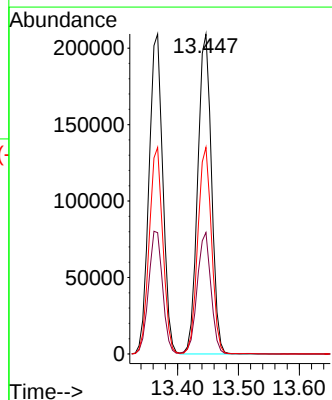
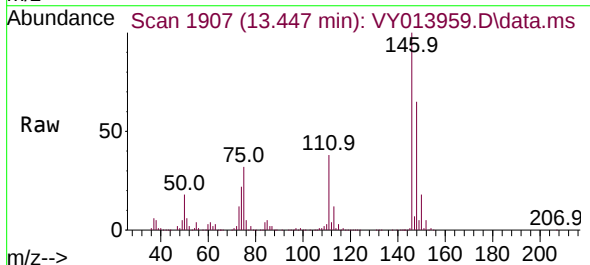
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

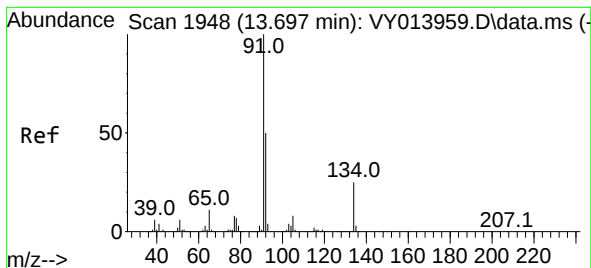
Tgt Ion:146 Resp: 328480
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 63.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.634 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013959.D
Acq: 01 Jun 2023 12:28

Tgt Ion:146 Resp: 327807
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 52.620 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

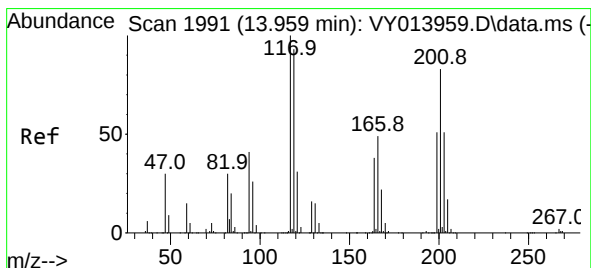
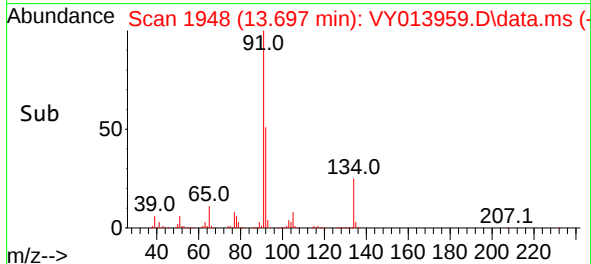
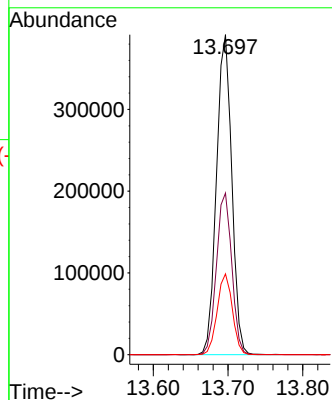
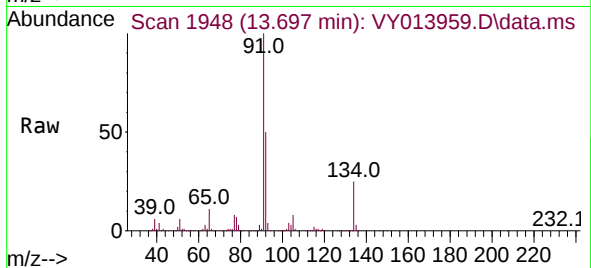
Tgt Ion: 91 Resp: 556274

Ion Ratio Lower Upper

91 100

92 50.7 25.4 76.0

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 49.760 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013959.D

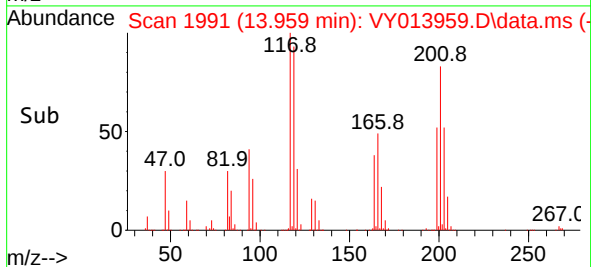
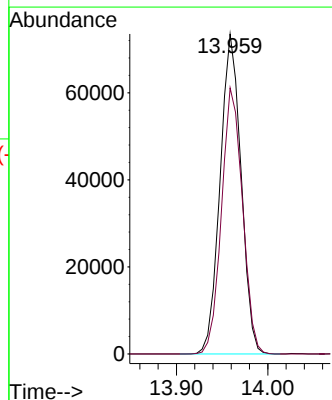
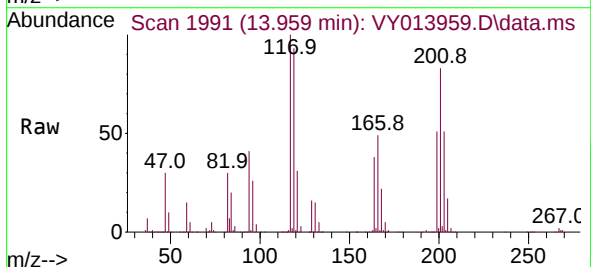
Acq: 01 Jun 2023 12:28

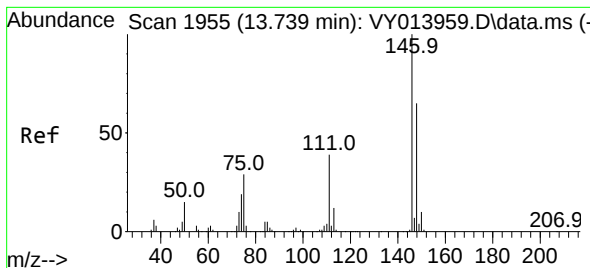
Tgt Ion: 117 Resp: 117007

Ion Ratio Lower Upper

117 100

201 83.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.274 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

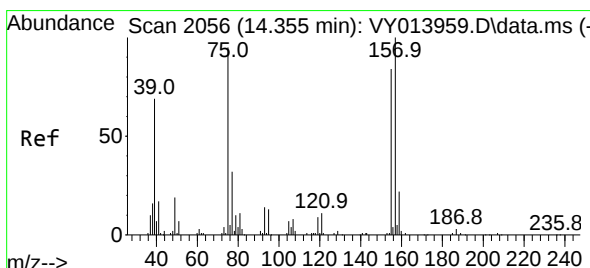
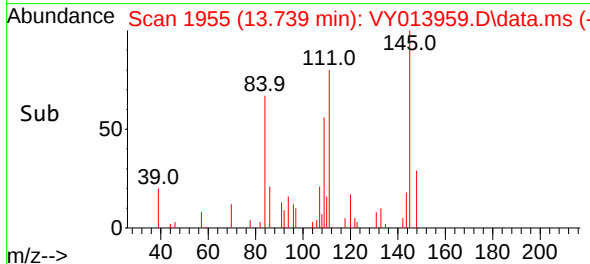
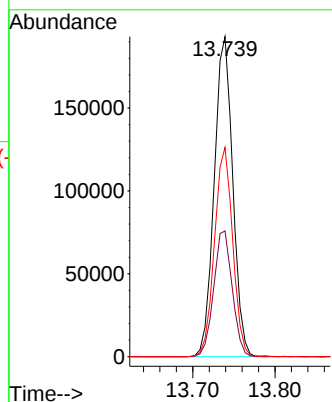
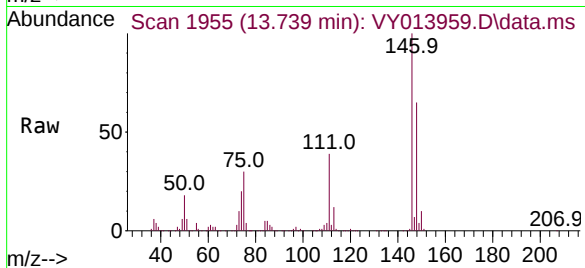
Tgt Ion:146 Resp: 302386

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.427 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

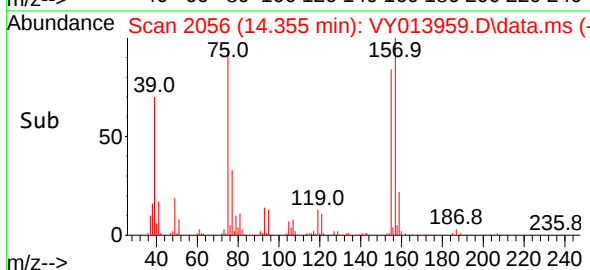
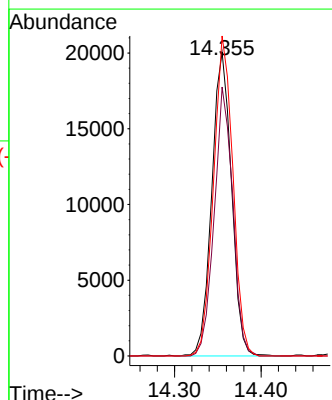
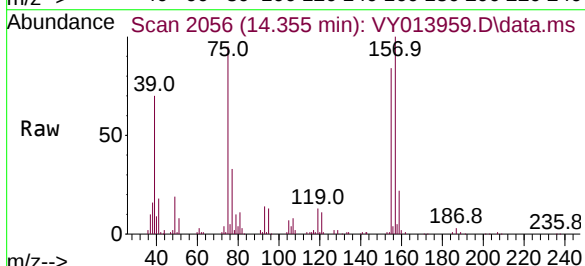
Tgt Ion: 75 Resp: 31687

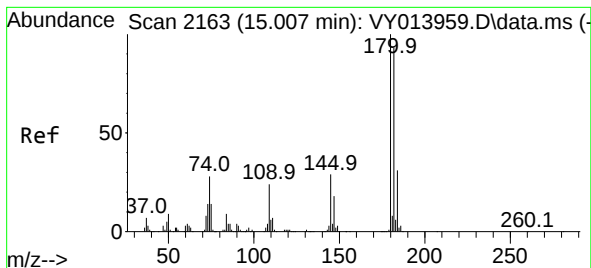
Ion Ratio Lower Upper

75 100

155 83.1 41.5 124.6

157 103.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.026 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

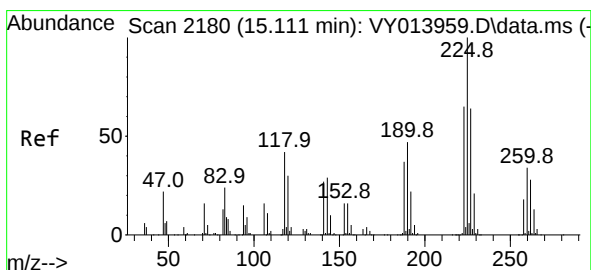
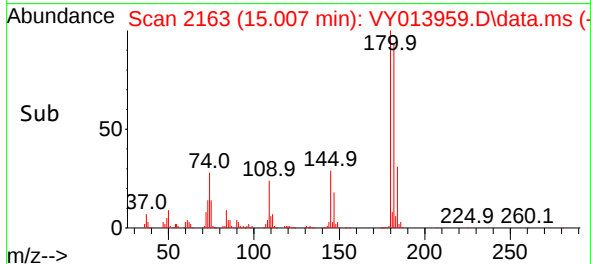
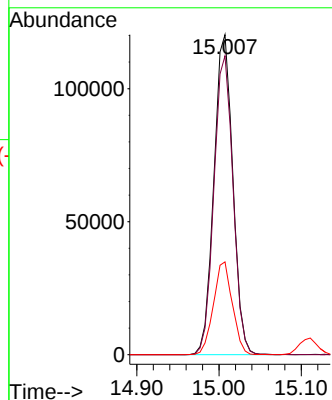
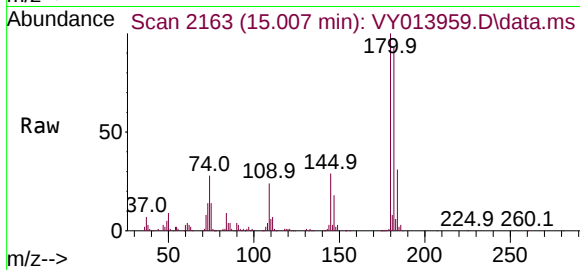
Tgt Ion:180 Resp: 192367

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 29.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.994 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

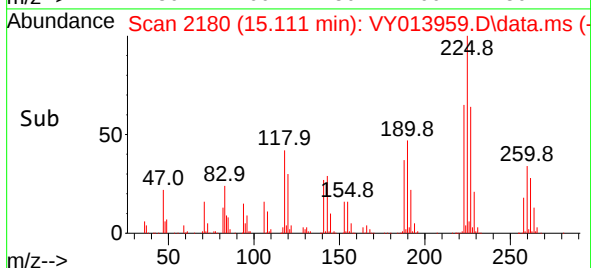
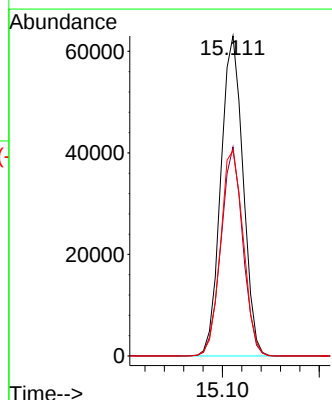
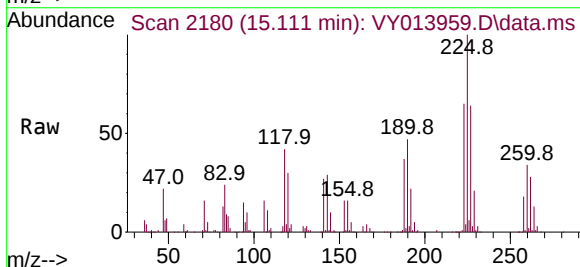
Tgt Ion:225 Resp: 100431

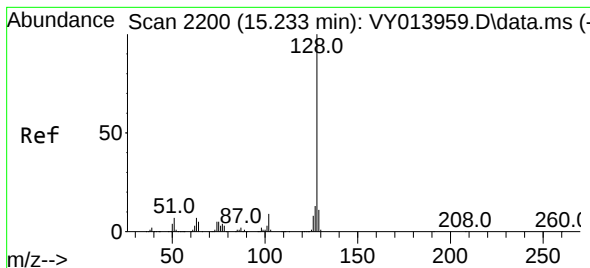
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 65.9 33.0 98.9





#95

Naphthalene

Concen: 47.768 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

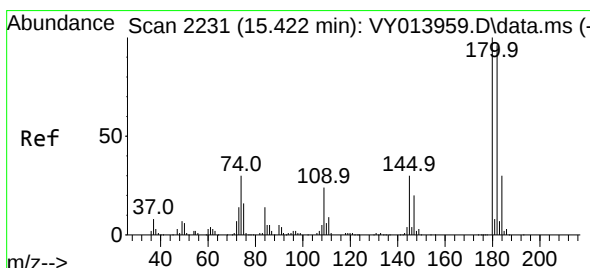
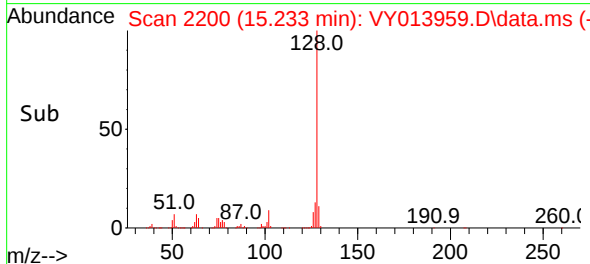
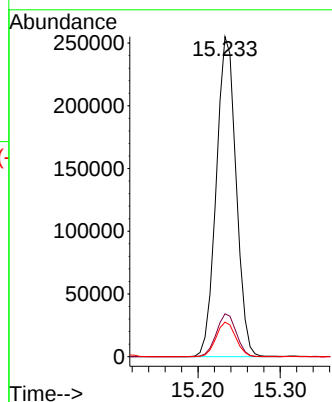
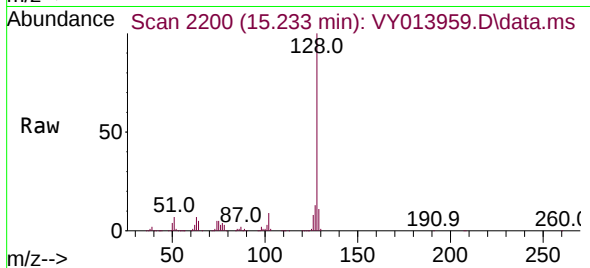
Tgt Ion:128 Resp: 427929

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.080 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013959.D

Acq: 01 Jun 2023 12:28

Tgt Ion:180 Resp: 175391

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 30.8 15.4 46.2

