

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013612.D
 Acq On : 04 May 2023 19:56
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 05 01:01:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	245089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	377176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175563	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	145622	54.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.400%	
35) Dibromofluoromethane	7.716	113	126458	53.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.620%	
50) Toluene-d8	10.179	98	423110	50.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.477	95	159858	56.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	124973	53.636	ug/l	99
3) Chloromethane	2.107	50	138956	44.491	ug/l	99
4) Vinyl Chloride	2.247	62	139797	44.954	ug/l	99
5) Bromomethane	2.650	94	109500	44.186	ug/l	99
6) Chloroethane	2.790	64	95269	44.345	ug/l	100
7) Trichlorofluoromethane	3.119	101	241780	51.323	ug/l	97
8) Diethyl Ether	3.527	74	83650	52.143	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	132820	50.263	ug/l	99
10) Methyl Iodide	4.088	142	144571	43.560	ug/l	98
11) Tert butyl alcohol	4.978	59	100247	331.058	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	123146	48.346	ug/l	95
13) Acrolein	3.729	56	52049	220.682	ug/l	92
14) Allyl chloride	4.472	41	230007	48.665	ug/l	97
15) Acrylonitrile	5.161	53	281387	313.194	ug/l	98
16) Acetone	3.948	43	276017	260.872	ug/l	97
17) Carbon Disulfide	4.192	76	366476	44.292	ug/l	99
18) Methyl Acetate	4.472	43	215411	61.642	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	414557	56.374	ug/l	100
20) Methylene Chloride	4.710	84	174523	53.165	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	140202	50.342	ug/l	98
22) Diisopropyl ether	6.112	45	494575	53.538	ug/l	94
23) Vinyl Acetate	6.058	43	1620691	309.857	ug/l	96
24) 1,1-Dichloroethane	6.009	63	264601	51.393	ug/l	98
25) 2-Butanone	6.990	43	412448	307.373	ug/l	94
26) 2,2-Dichloropropane	6.978	77	227507	51.281	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	163940	53.278	ug/l	96
28) Bromochloromethane	7.332	49	99370	54.389	ug/l	83
29) Tetrahydrofuran	7.350	42	270487	323.831	ug/l	93
30) Chloroform	7.502	83	280791	54.853	ug/l	100
31) Cyclohexane	7.783	56	221411	46.028	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	248943	54.498	ug/l	97
36) 1,1-Dichloropropene	7.911	75	201487	51.176	ug/l	99
37) Ethyl Acetate	7.076	43	183244	61.848	ug/l	96
38) Carbon Tetrachloride	7.899	117	228887	55.467	ug/l	93
39) Methylcyclohexane	9.179	83	236424	50.938	ug/l	95
40) Benzene	8.155	78	591139	53.302	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	249311	180.575	ug/l #	21
42) 1,2-Dichloroethane	8.234	62	211490	58.329	ug/l	98
43) Isopropyl Acetate	8.271	43	303790	60.747	ug/l	97
44) Trichloroethene	8.935	130	155656	52.764	ug/l	97
45) 1,2-Dichloropropane	9.215	63	155386	53.586	ug/l	97
46) Dibromomethane	9.301	93	97388	56.131	ug/l	98
47) Bromodichloromethane	9.496	83	222430	57.293	ug/l	96
48) Methyl methacrylate	9.289	41	141655	61.676	ug/l	95
49) 1,4-Dioxane	9.313	88	34807	1404.656	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	921148	330.548	ug/l	97
52) Toluene	10.240	92	367003	54.991	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	235075	57.212	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	251384	54.372	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	134044	58.339	ug/l	96
56) Ethyl methacrylate	10.508	69	202069	63.391	ug/l	92
57) 1,3-Dichloropropane	10.788	76	227904	58.567	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	357804	299.335	ug/l	95
59) 2-Hexanone	10.831	43	688983	340.116	ug/l	96
60) Dibromochloromethane	10.983	129	164242	58.870	ug/l	99
61) 1,2-Dibromoethane	11.087	107	131630	58.269	ug/l	100
64) Tetrachloroethene	10.715	164	145690	55.602	ug/l	95
65) Chlorobenzene	11.514	112	397059	52.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	157729	56.184	ug/l	98
67) Ethyl Benzene	11.587	91	712536	54.057	ug/l	100
68) m/p-Xylenes	11.703	106	541789	108.123	ug/l	97
69) o-Xylene	12.026	106	259638	54.787	ug/l	97
70) Styrene	12.038	104	445412	56.212	ug/l	99
71) Bromoform	12.203	173	119547	60.795	ug/l	99
73) Isopropylbenzene	12.325	105	682514	51.398	ug/l	98
74) N-amyl acetate	12.142	43	270555	57.255	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	178697	55.056	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	239972	101.353	ug/l #	100
77) Bromobenzene	12.605	156	172313	53.554	ug/l	93
78) n-propylbenzene	12.666	91	839227	51.310	ug/l	97
79) 2-Chlorotoluene	12.751	91	476142	52.130	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	570457	52.634	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	65343	56.453	ug/l	96
82) 4-Chlorotoluene	12.849	91	488858	51.351	ug/l	99
83) tert-Butylbenzene	13.075	119	502809	53.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	566887	53.798	ug/l	99
85) sec-Butylbenzene	13.251	105	733961	52.082	ug/l	99
86) p-Isopropyltoluene	13.367	119	605521	53.431	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	325824	53.153	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	324566	52.415	ug/l	99
89) n-Butylbenzene	13.696	91	579998	52.436	ug/l	98
90) Hexachloroethane	13.959	117	121707	51.027	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	301053	54.386	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36044	62.878	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	197269	59.773	ug/l	98
94) Hexachlorobutadiene	15.111	225	113901	59.301	ug/l	99
95) Naphthalene	15.233	128	470849	65.754	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	183671	62.440	ug/l	98

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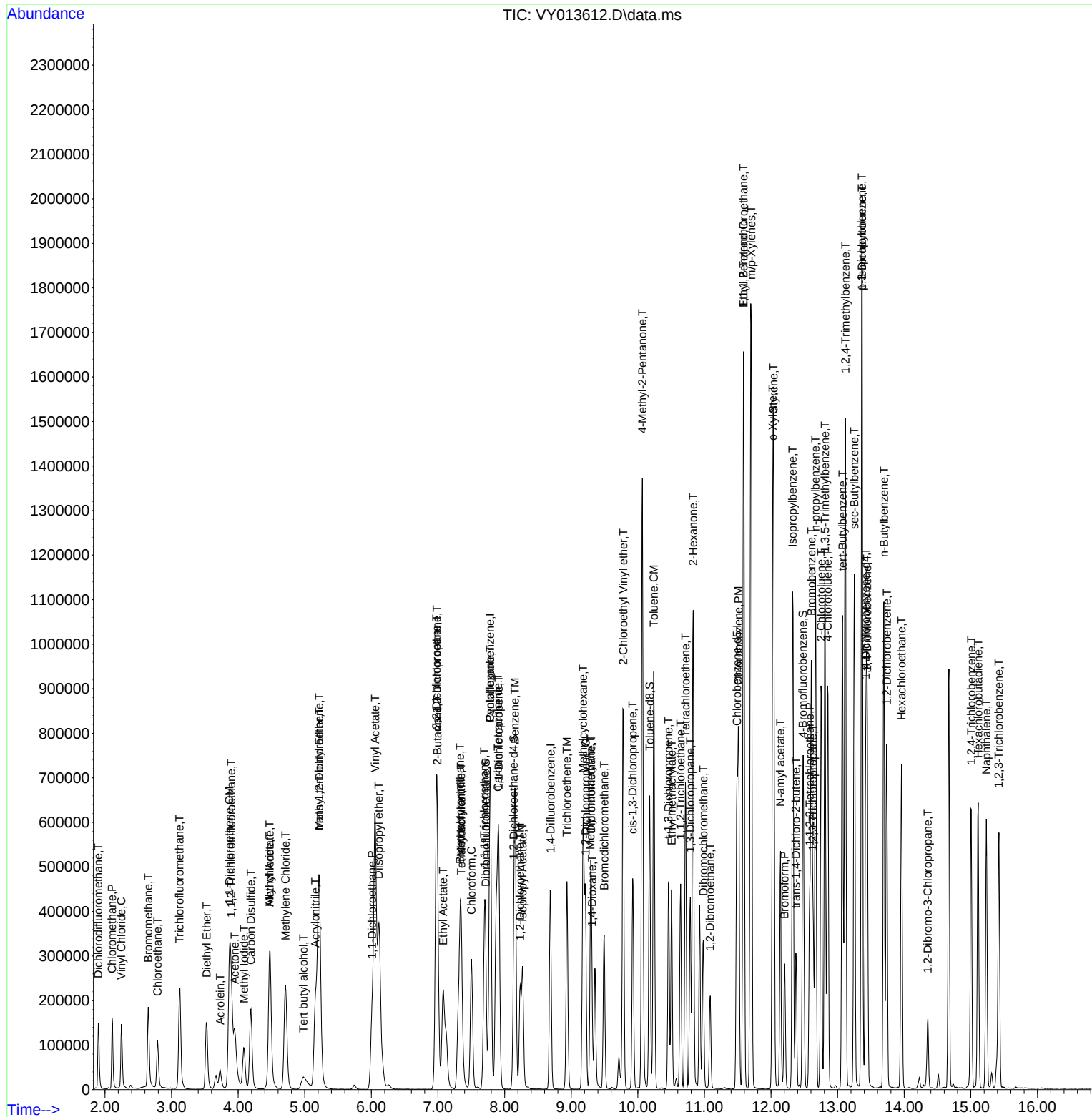
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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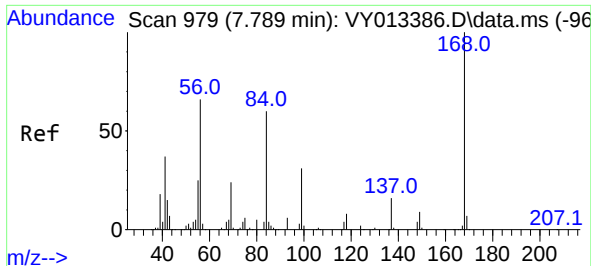
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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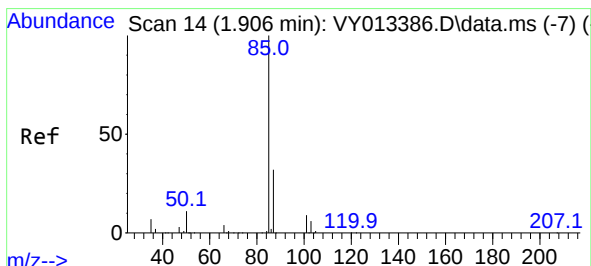
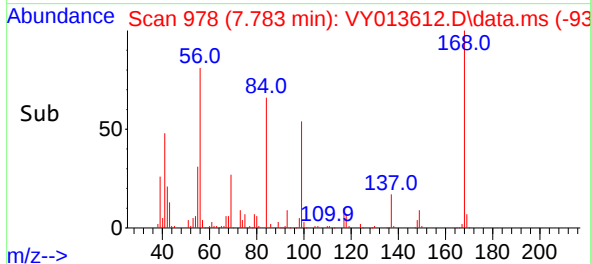
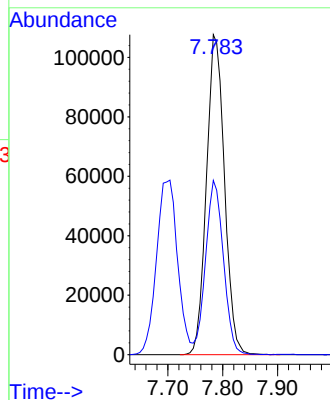
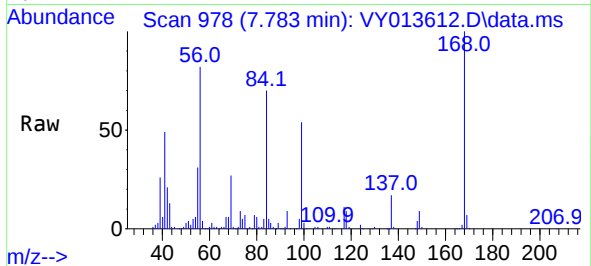




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013612.D
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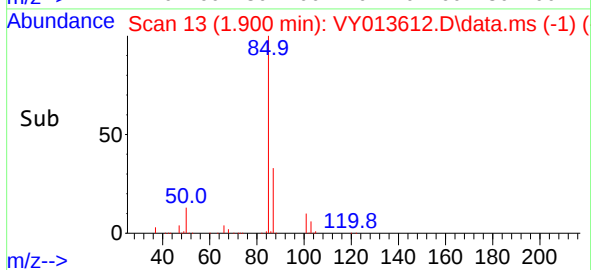
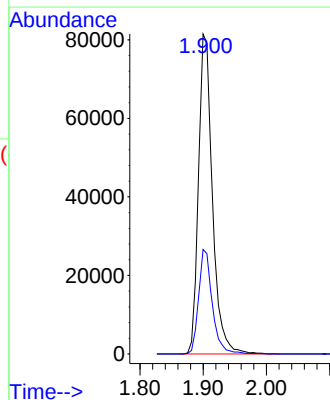
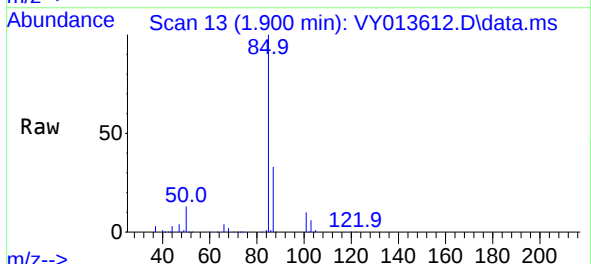
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 245089
Ion Ratio Lower Upper
168 100
99 54.3 41.8 62.6

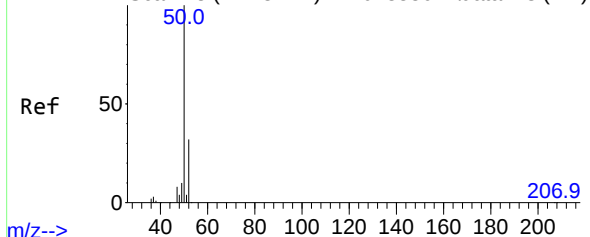


#2
Dichlorodifluoromethane
Concen: 53.636 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 85 Resp: 124973
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2



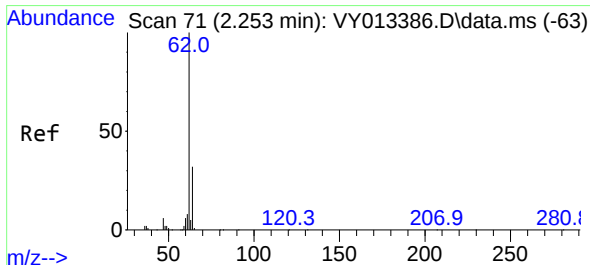
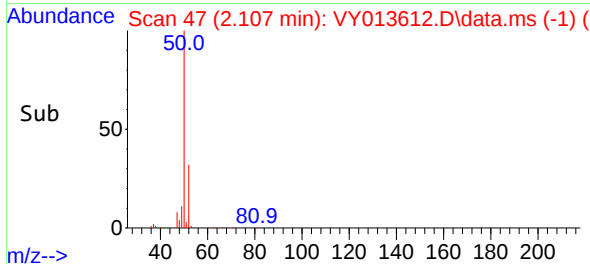
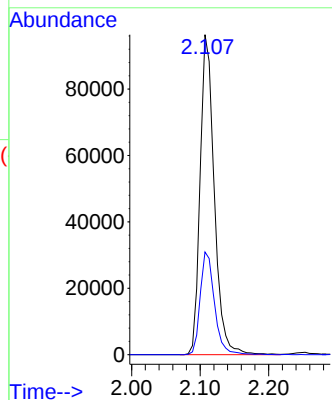
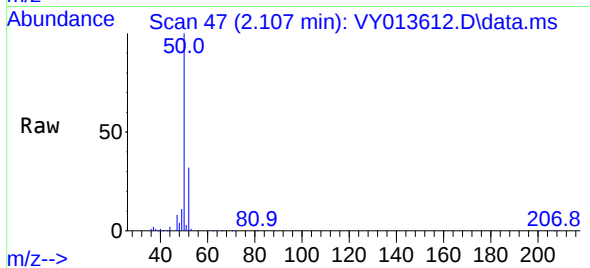
Abundance Scan 48 (2.113 min): VY013386.D\data.ms (-41)



#3
Chloromethane
Concen: 44.491 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

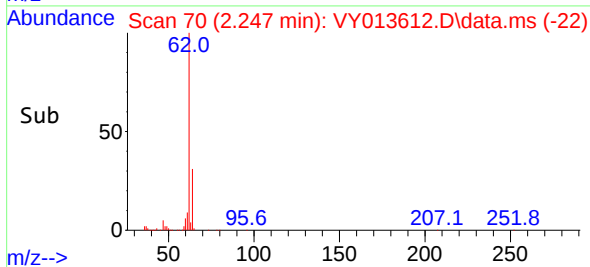
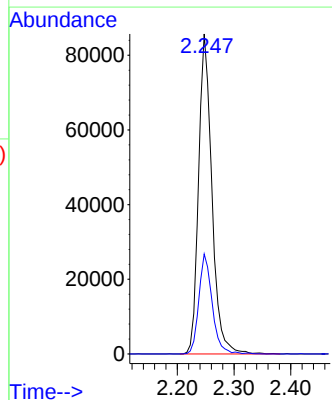
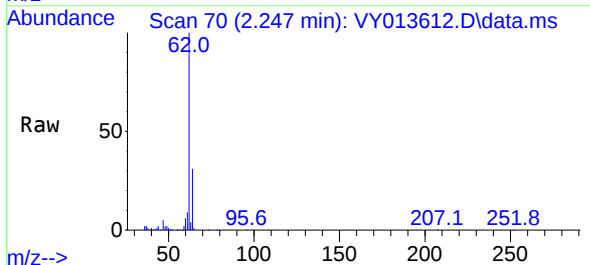
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

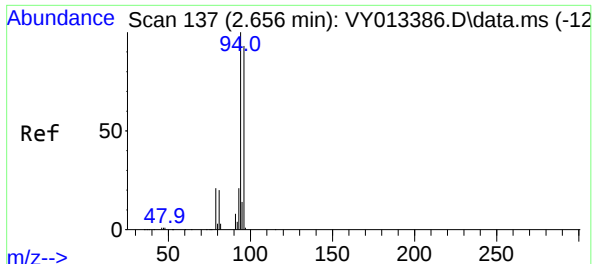
Tgt Ion: 50 Resp: 138956
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9



#4
Vinyl Chloride
Concen: 44.954 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013612.D
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Tgt Ion: 62 Resp: 139797
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

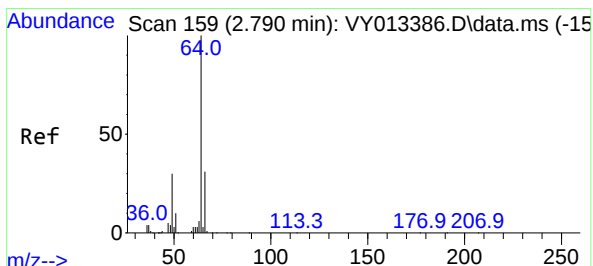
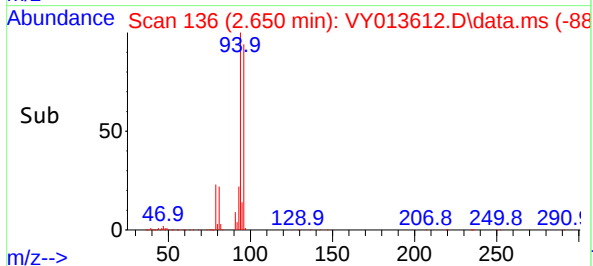
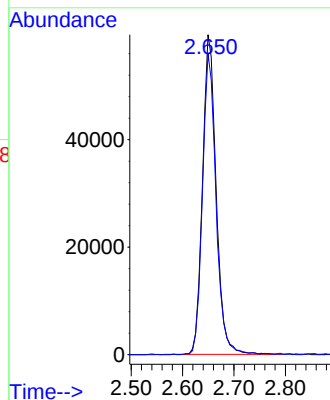
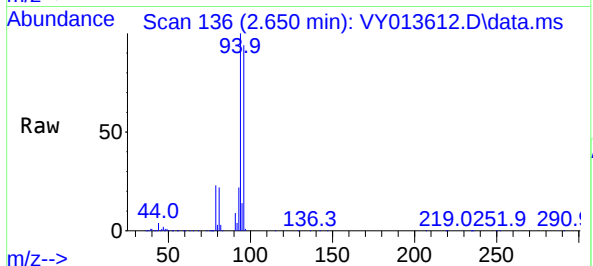




#5
Bromomethane
Concen: 44.186 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013612.D
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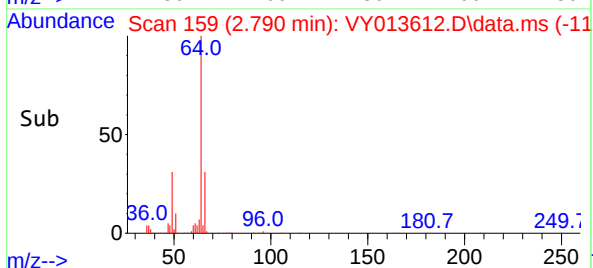
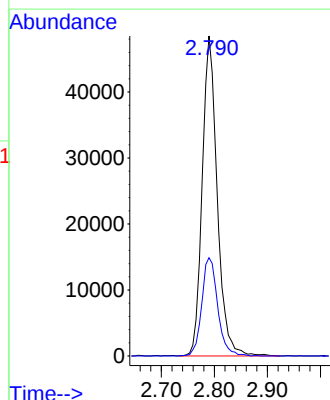
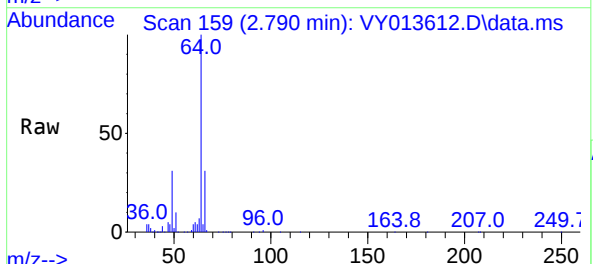
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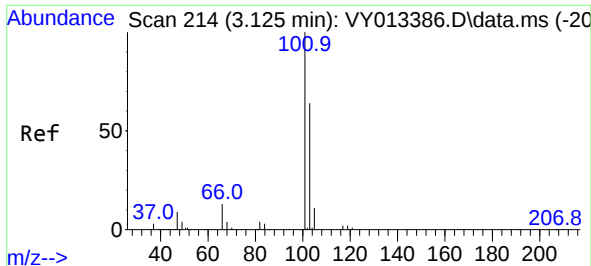
Tgt Ion: 94 Resp: 109500
Ion Ratio Lower Upper
94 100
96 94.1 74.2 111.2



#6
Chloroethane
Concen: 44.345 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 64 Resp: 95269
Ion Ratio Lower Upper
64 100
66 30.7 24.6 37.0

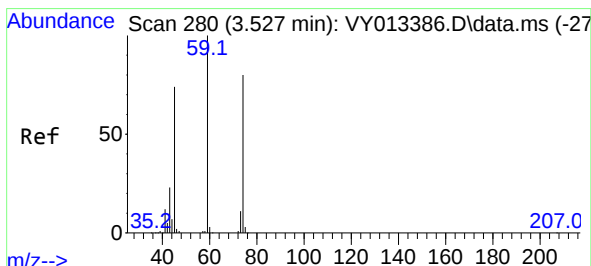
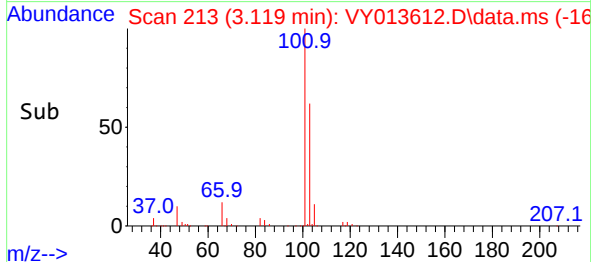
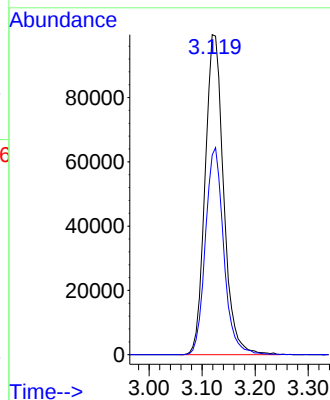
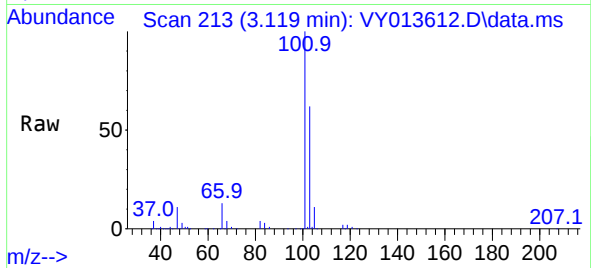




#7
Trichlorofluoromethane
Concen: 51.323 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

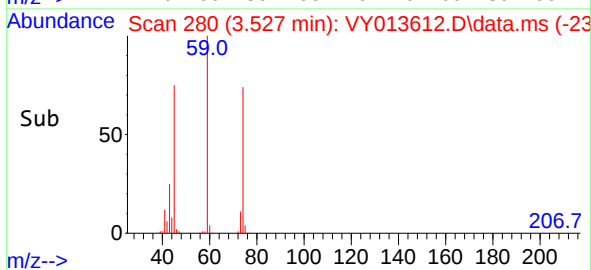
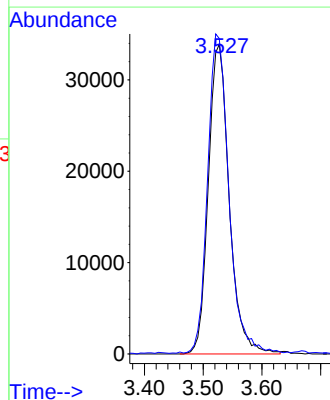
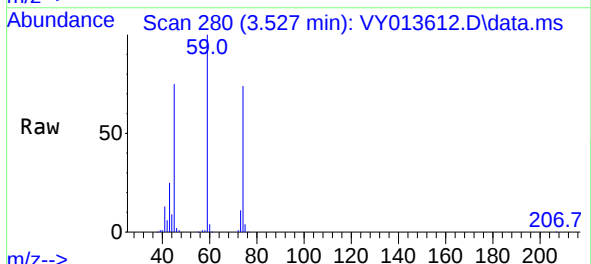
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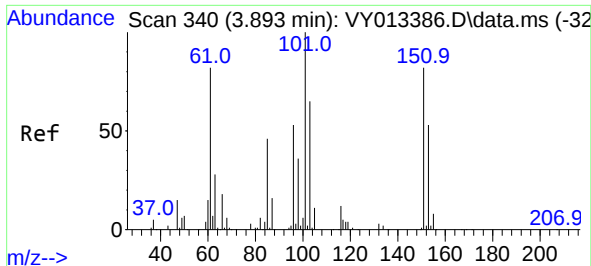
Tgt Ion:101 Resp: 241780
Ion Ratio Lower Upper
101 100
103 62.4 51.6 77.4



#8
Diethyl Ether
Concen: 52.143 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 74 Resp: 83650
Ion Ratio Lower Upper
74 100
45 104.9 48.2 144.6

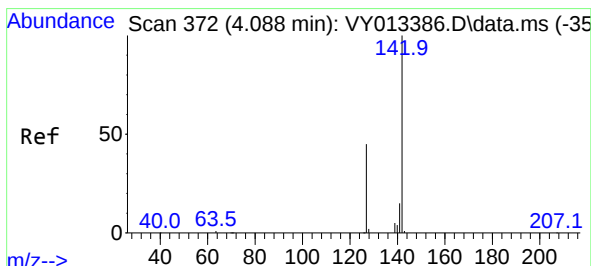
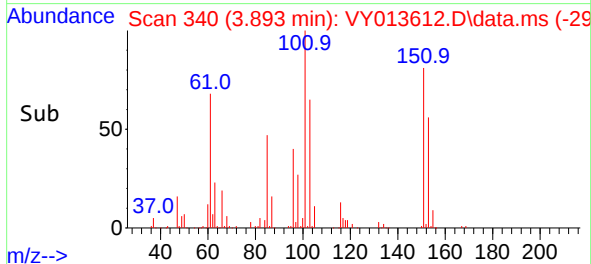
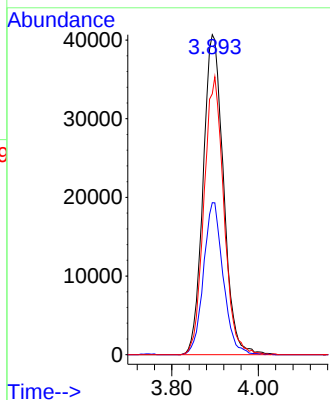
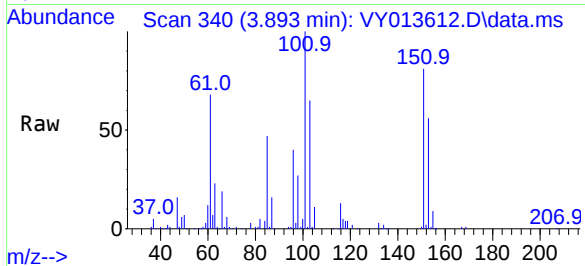




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.263 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

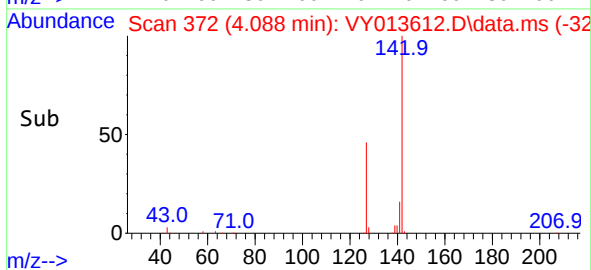
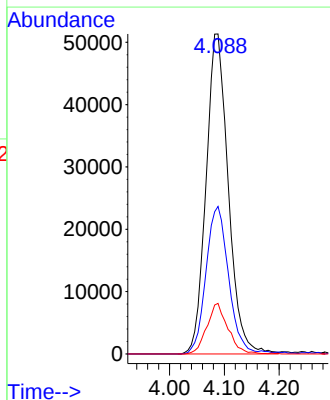
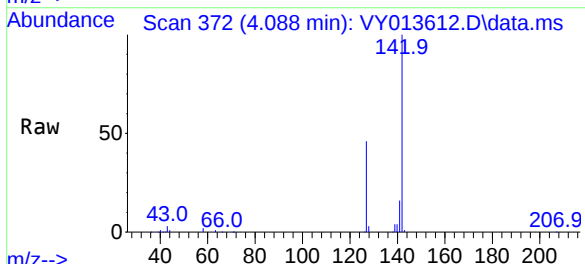
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

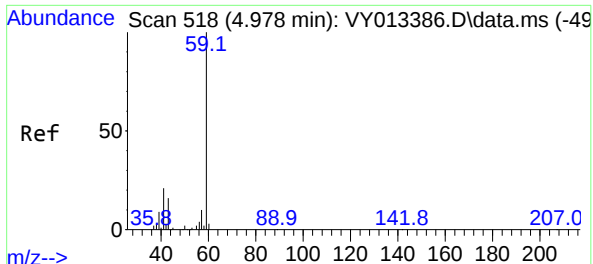
Tgt Ion:101 Resp: 132820
Ion Ratio Lower Upper
101 100
85 45.9 35.6 53.4
151 84.7 68.0 102.0



#10
Methyl Iodide
Concen: 43.560 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion:142 Resp: 144571
Ion Ratio Lower Upper
142 100
127 46.6 36.1 54.1
141 15.0 11.6 17.4

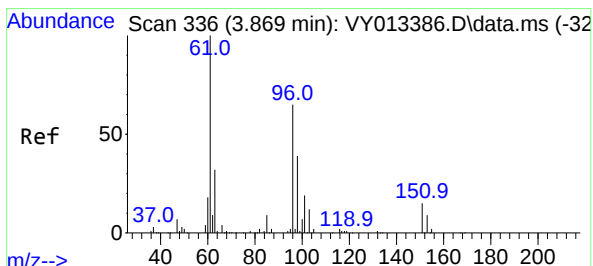
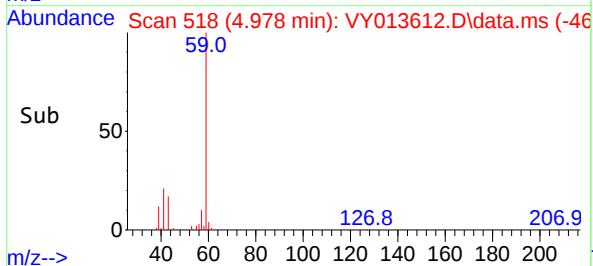
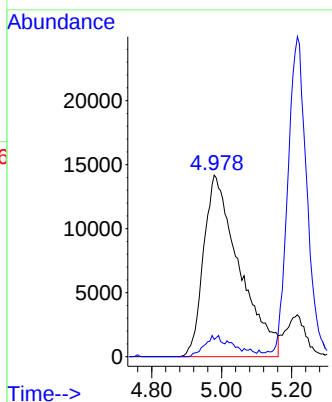
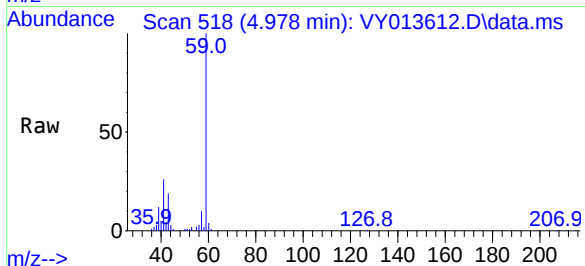




#11
Tert butyl alcohol
Concen: 331.058 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

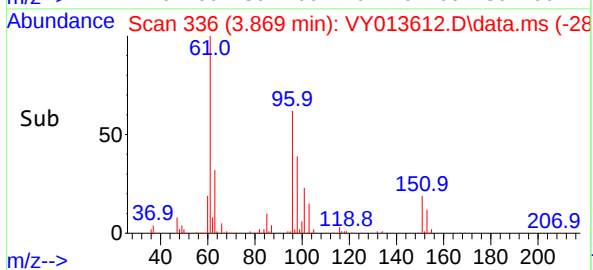
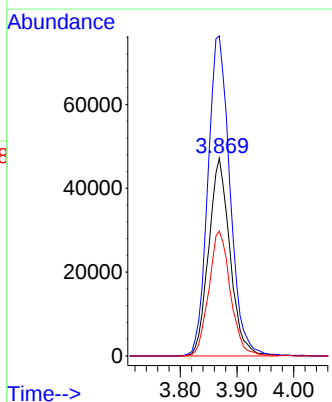
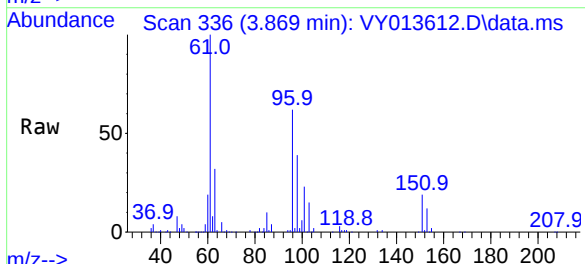
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

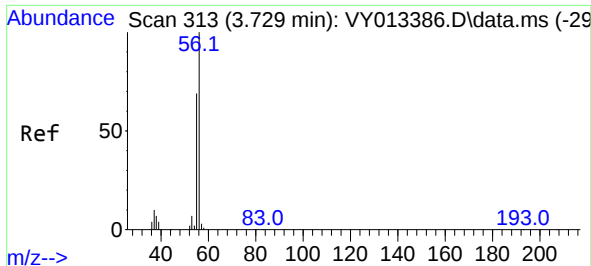
Tgt Ion: 59 Resp: 100247
Ion Ratio Lower Upper
59 100
57 5.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.346 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 96 Resp: 123146
Ion Ratio Lower Upper
96 100
61 161.8 123.9 185.9
98 63.1 48.9 73.3

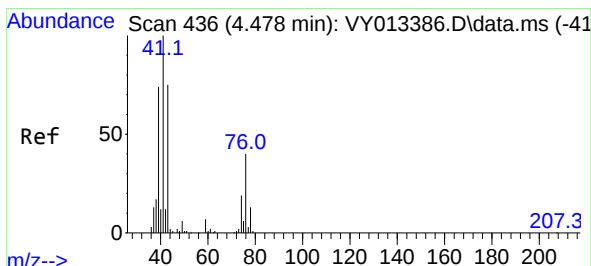
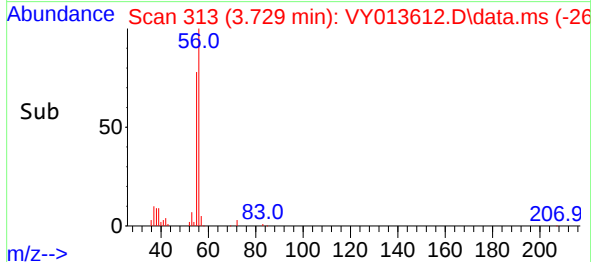
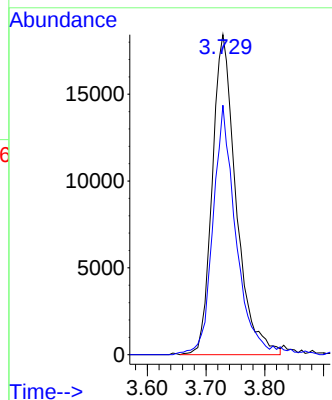
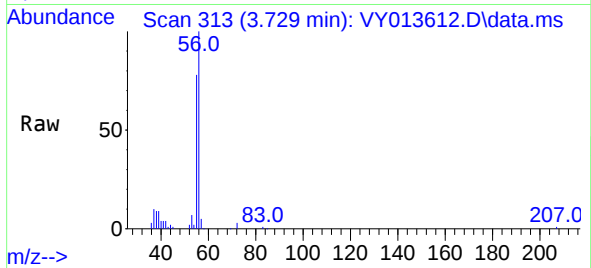




#13
Acrolein
Concen: 220.682 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

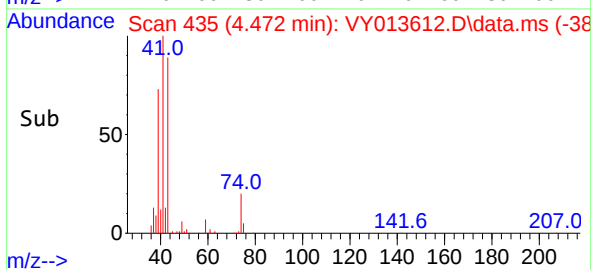
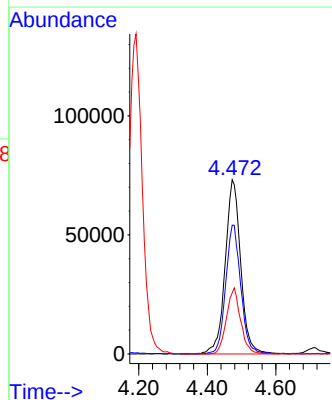
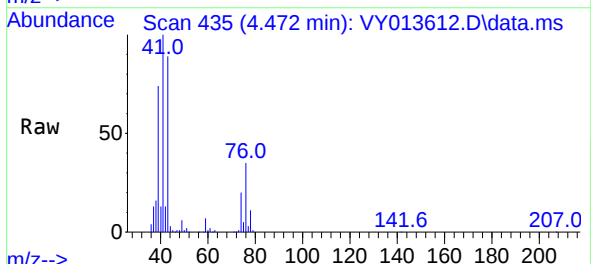
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

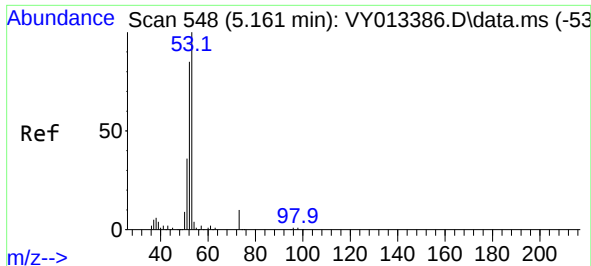
Tgt Ion: 56 Resp: 52049
Ion Ratio Lower Upper
56 100
55 73.8 54.1 81.1



#14
Allyl chloride
Concen: 48.665 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 41 Resp: 230007
Ion Ratio Lower Upper
41 100
39 71.8 56.6 85.0
76 34.4 30.5 45.7

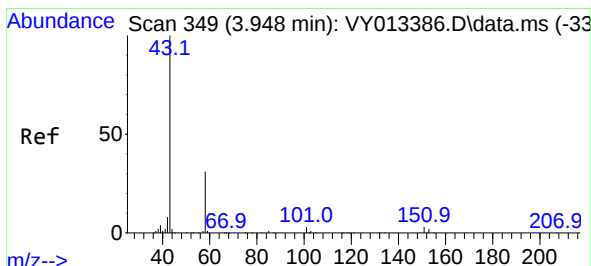
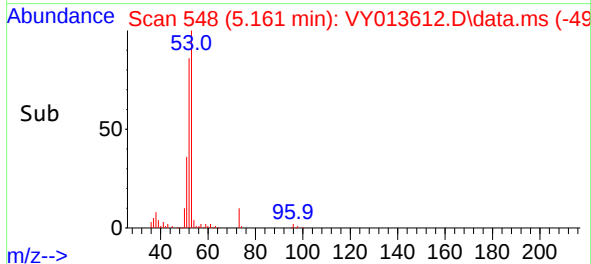
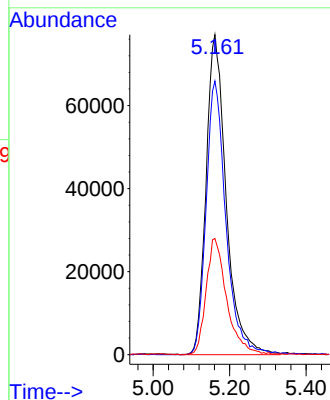
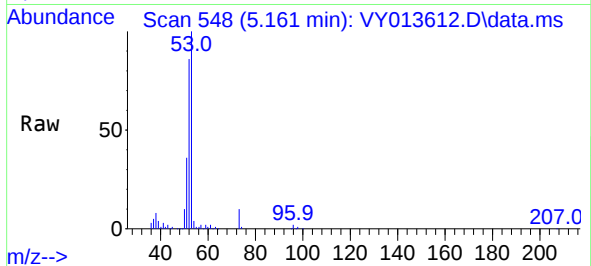




#15
Acrylonitrile
Concen: 313.194 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

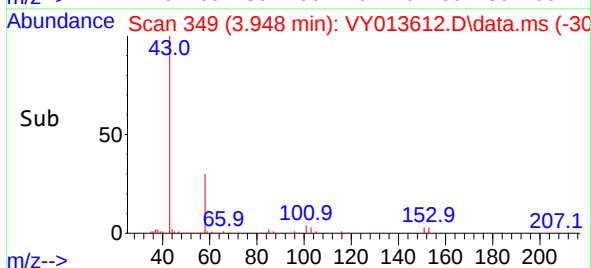
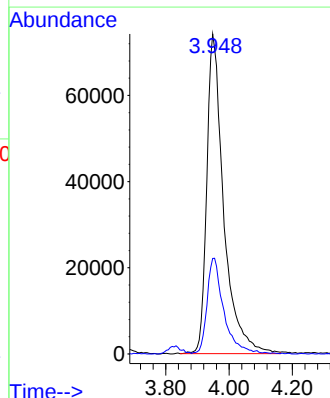
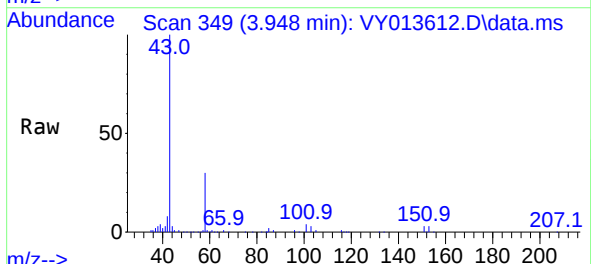
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

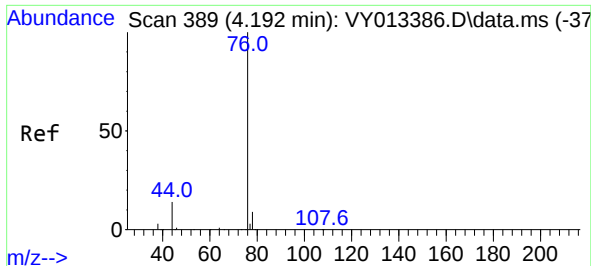
Tgt Ion: 53 Resp: 281387
Ion Ratio Lower Upper
53 100
52 84.3 65.4 98.0
51 37.3 29.3 43.9



#16
Acetone
Concen: 260.872 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 43 Resp: 276017
Ion Ratio Lower Upper
43 100
58 29.8 25.4 38.0

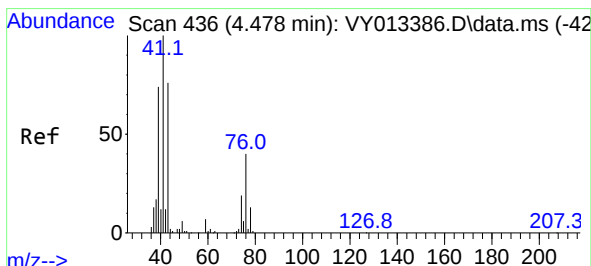
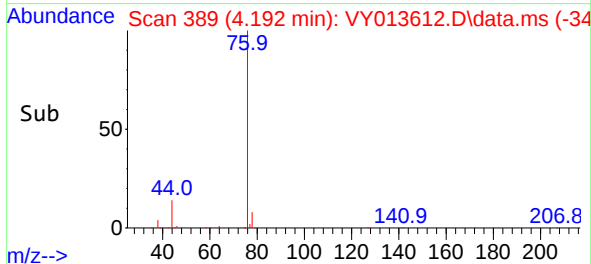
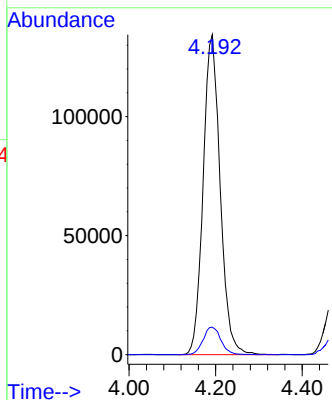
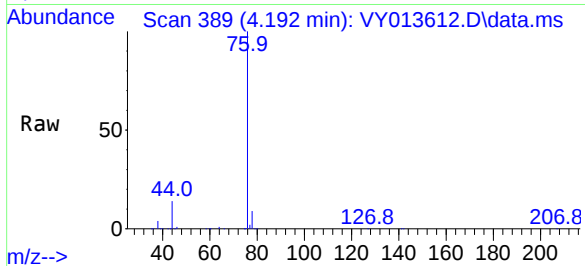




#17
Carbon Disulfide
Concen: 44.292 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

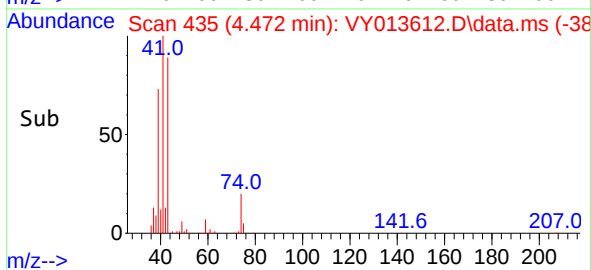
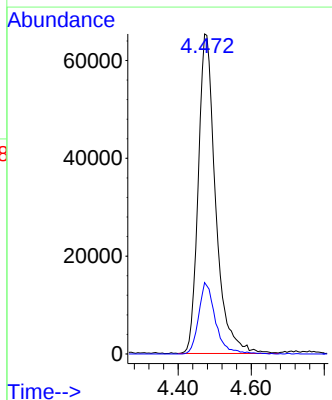
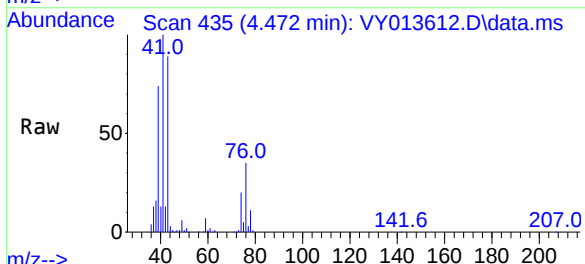
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

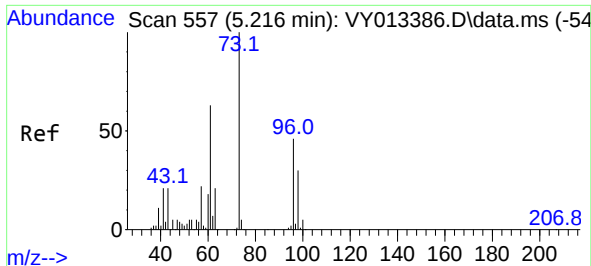
Tgt Ion: 76 Resp: 366476
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 61.642 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 43 Resp: 215411
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2

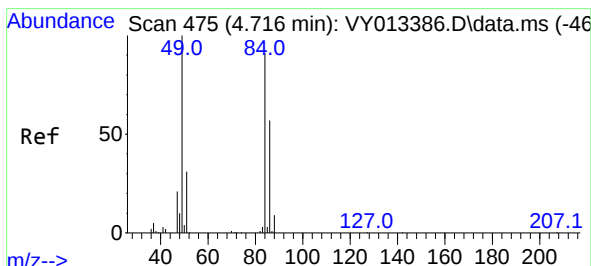
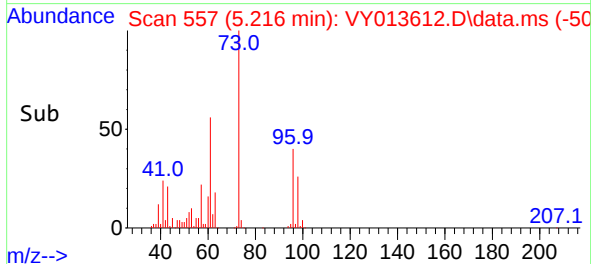
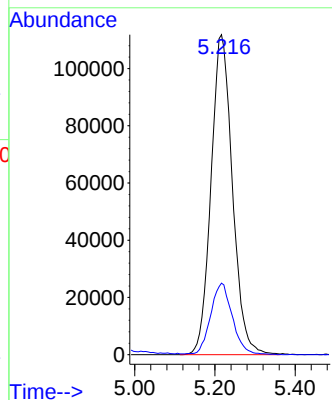
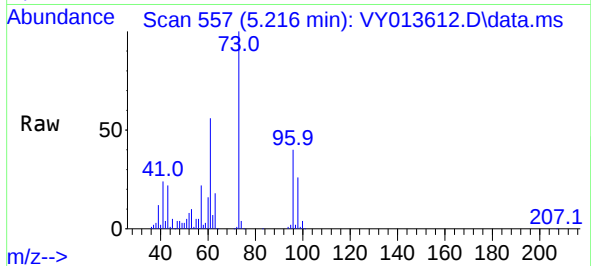




#19
Methyl tert-butyl Ether
Concen: 56.374 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

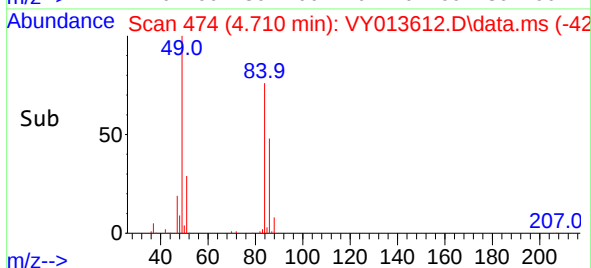
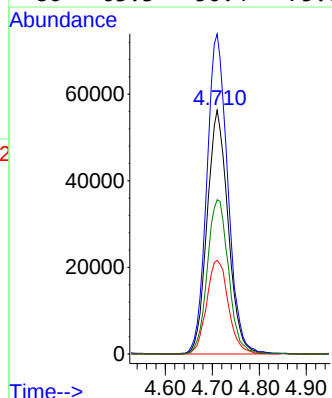
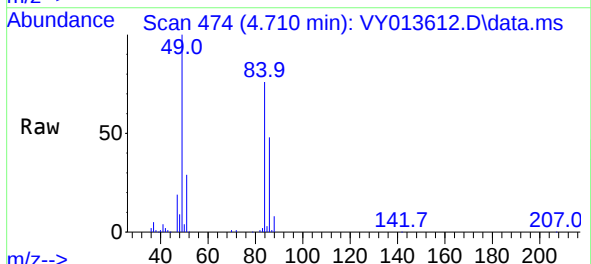
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

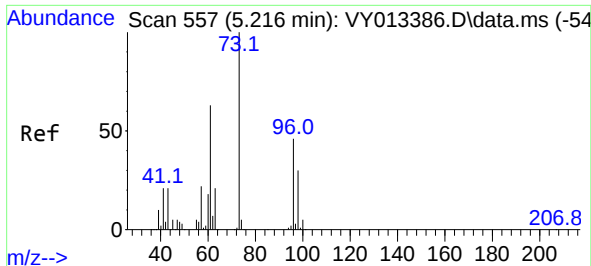
Tgt Ion: 73 Resp: 414557
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 53.165 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 84 Resp: 174523
Ion Ratio Lower Upper
84 100
49 131.0 88.0 132.0
51 38.4 27.4 41.0
86 63.3 50.4 75.6

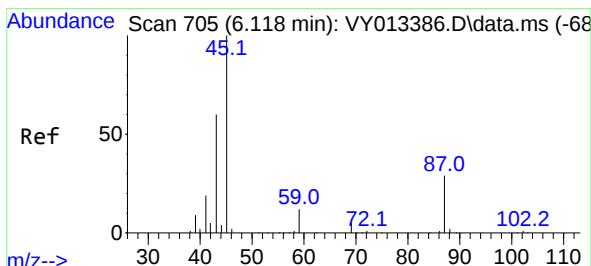
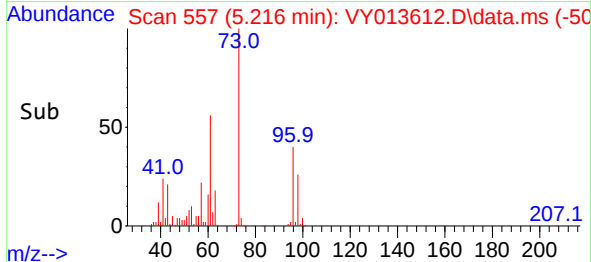
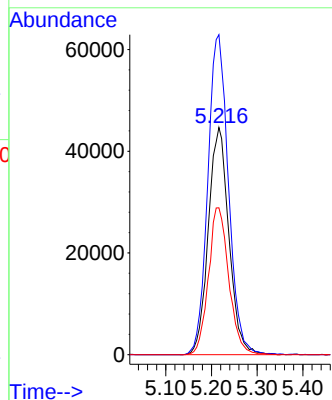
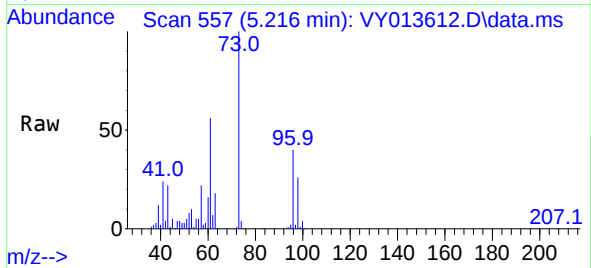




#21
trans-1,2-Dichloroethene
Concen: 50.342 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

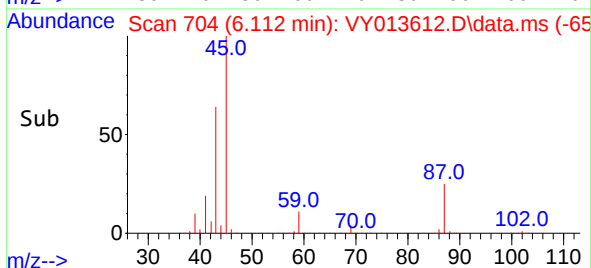
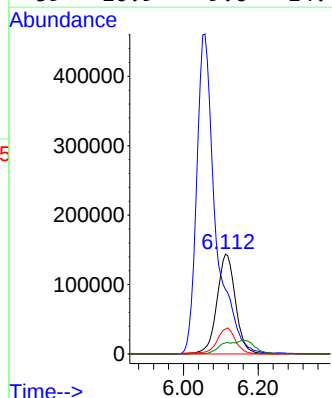
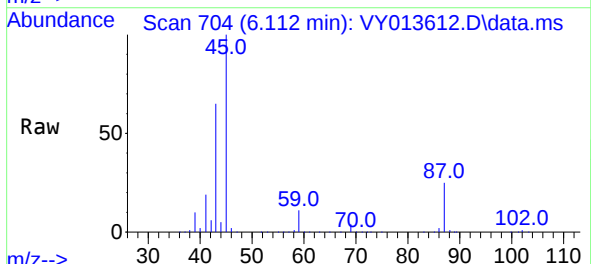
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

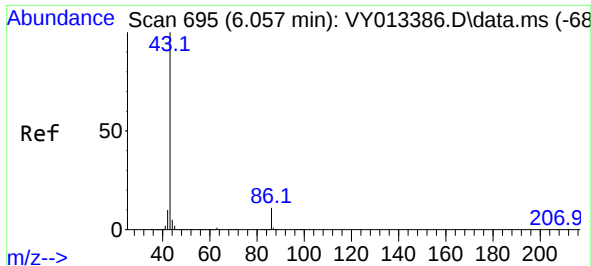
Tgt Ion: 96 Resp: 140202
Ion Ratio Lower Upper
96 100
61 140.9 110.6 165.8
98 64.6 53.1 79.7



#22
Diisopropyl ether
Concen: 53.538 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 45 Resp: 494575
Ion Ratio Lower Upper
45 100
43 64.3 48.4 72.6
87 25.0 23.8 35.6
59 10.9 9.6 14.4

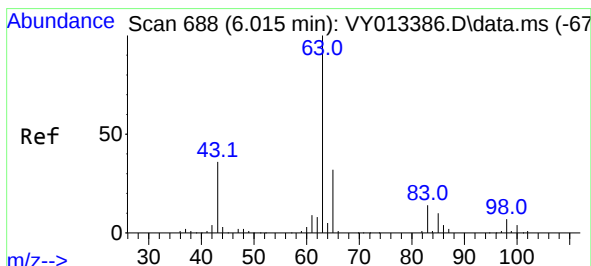
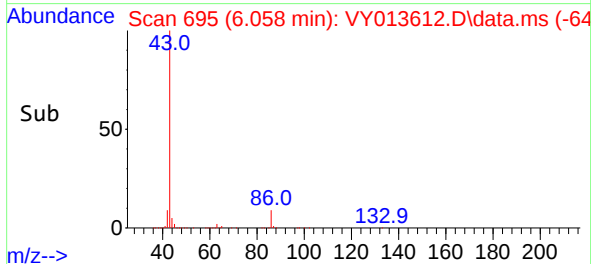
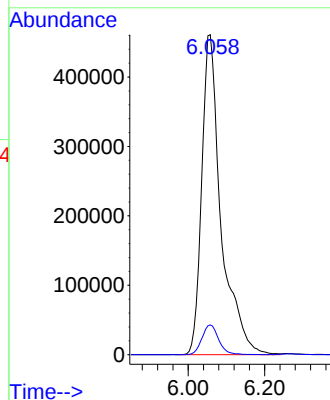
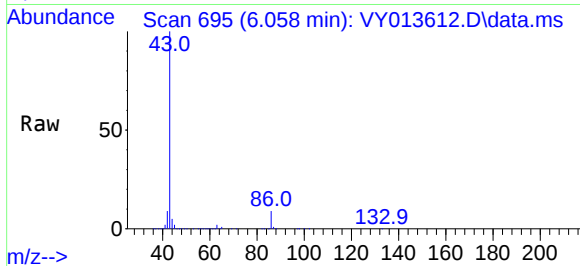




#23
 Vinyl Acetate
 Concen: 309.857 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY013612.D
 Acq: 04 May 2023 19:56

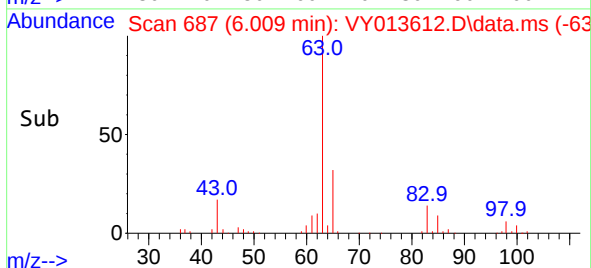
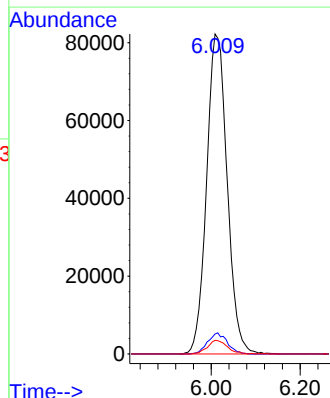
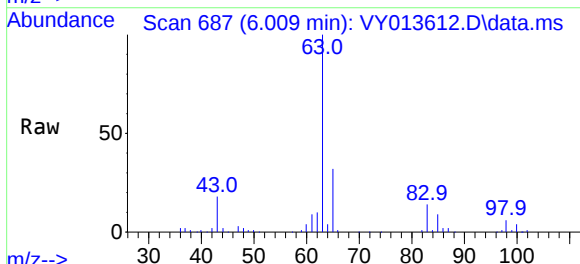
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

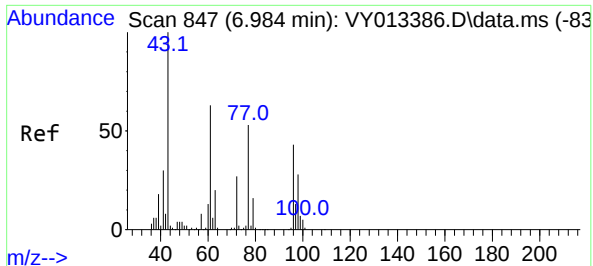
Tgt Ion: 43 Resp: 1620691
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 51.393 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013612.D
 Acq: 04 May 2023 19:56

Tgt Ion: 63 Resp: 264601
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.6
 100 4.3 2.2 6.6

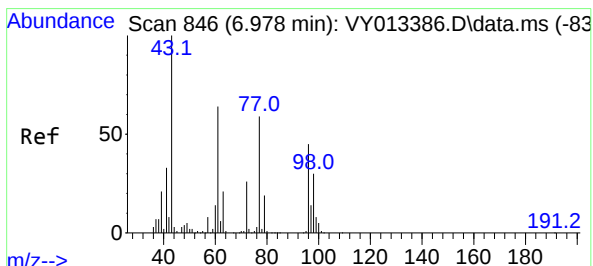
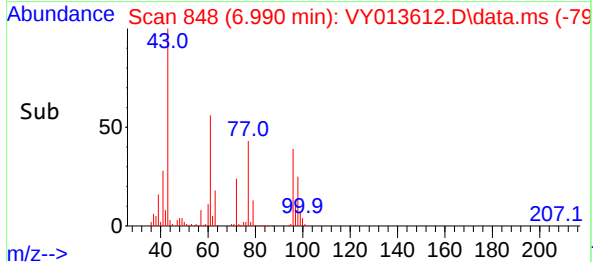
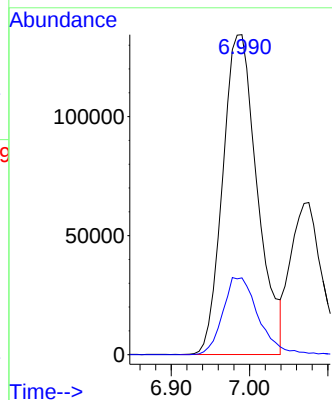
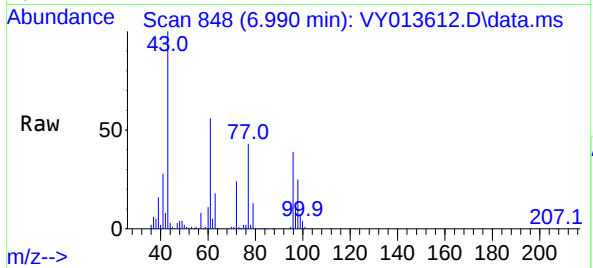




#25
2-Butanone
Concen: 307.373 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

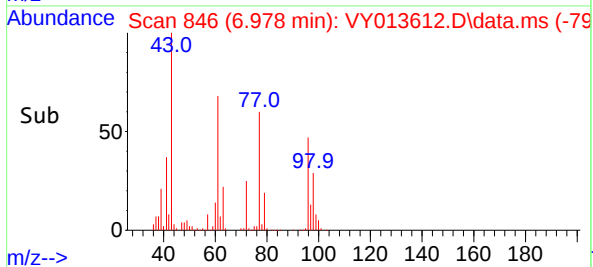
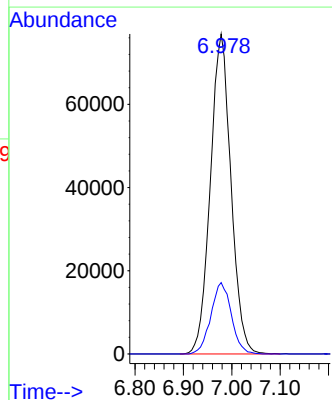
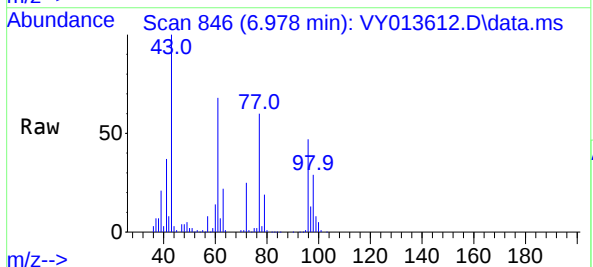
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

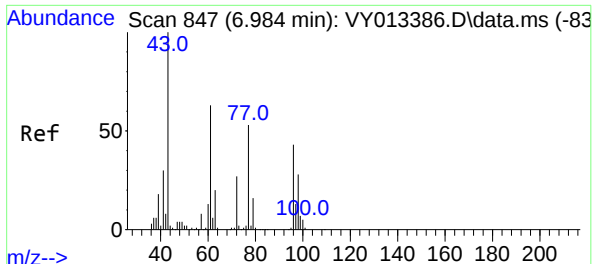
Tgt Ion: 43 Resp: 412448
Ion Ratio Lower Upper
43 100
72 24.0 21.9 32.9



#26
2,2-Dichloropropane
Concen: 51.281 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 77 Resp: 227507
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.4

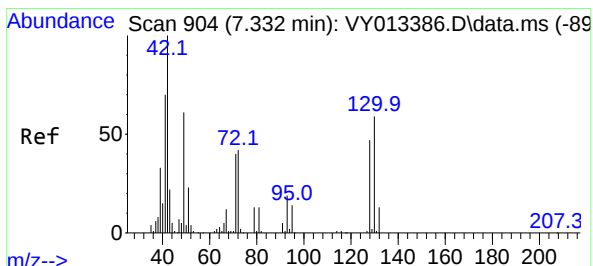
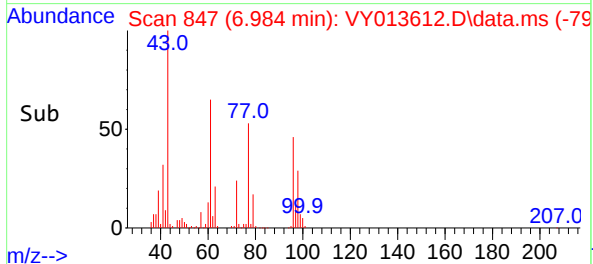
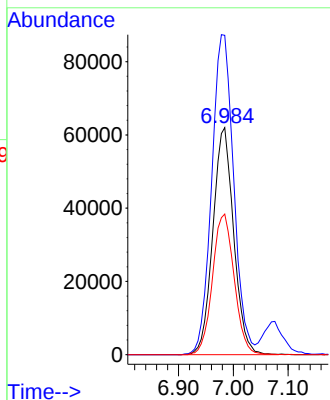
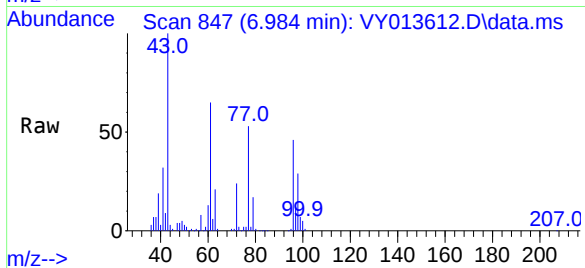




#27
cis-1,2-Dichloroethene
Concen: 53.278 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

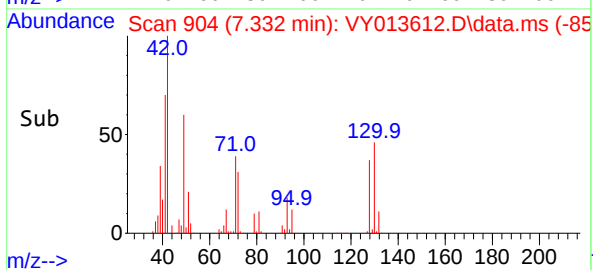
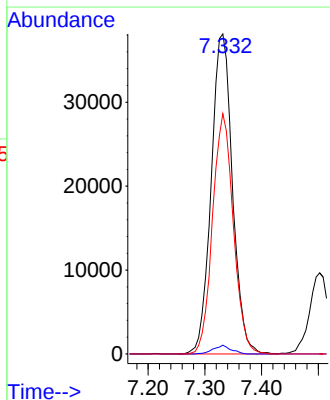
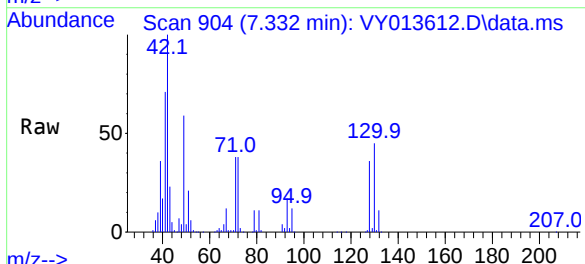
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

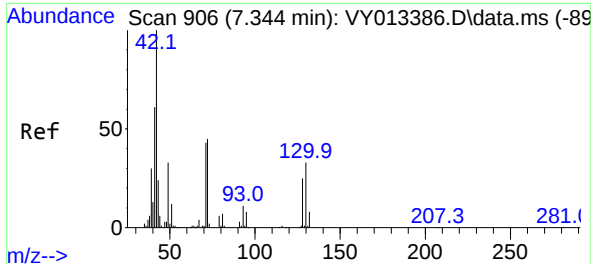
Tgt Ion: 96 Resp: 163940
Ion Ratio Lower Upper
96 100
61 148.8 0.0 285.0
98 64.4 0.0 130.6



#28
Bromochloromethane
Concen: 54.389 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 49 Resp: 99370
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.2
130 73.4 72.1 108.1

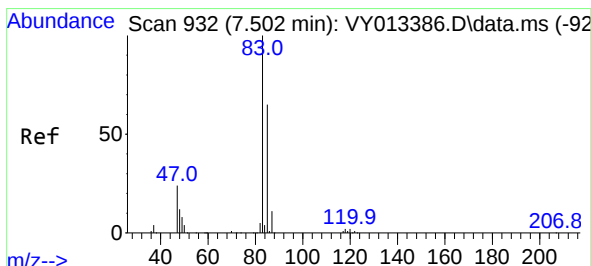
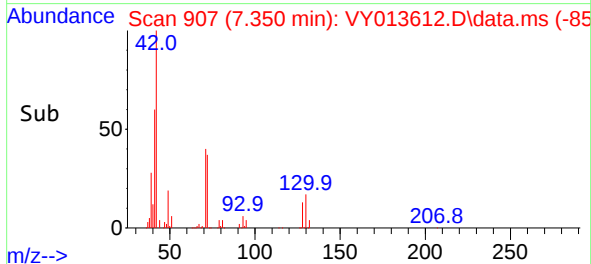
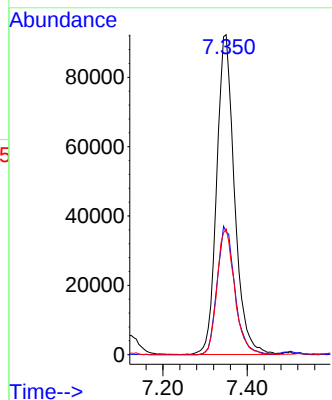
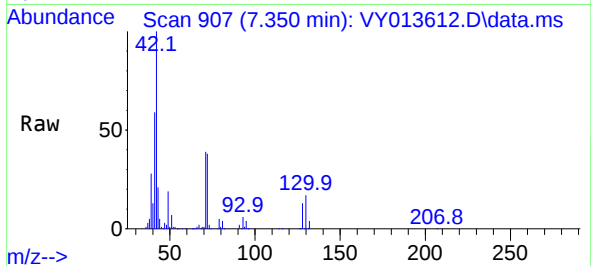




#29
Tetrahydrofuran
Concen: 323.831 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

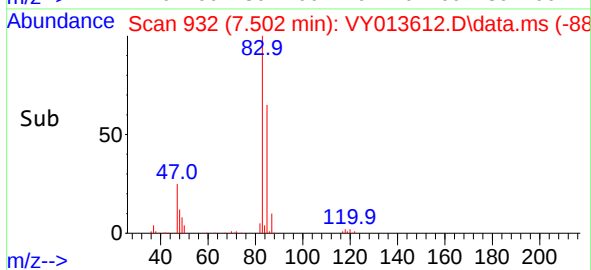
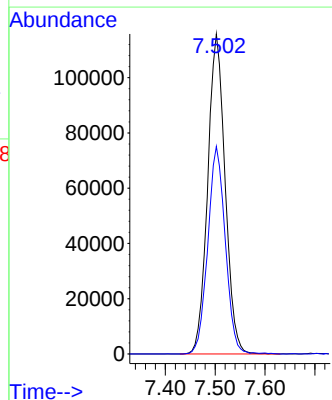
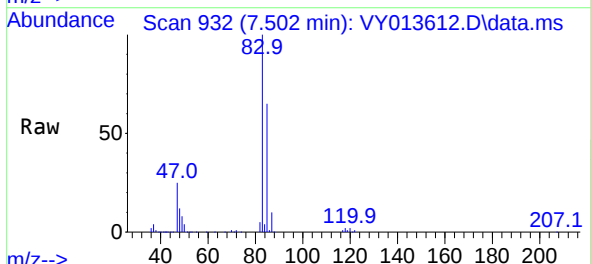
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

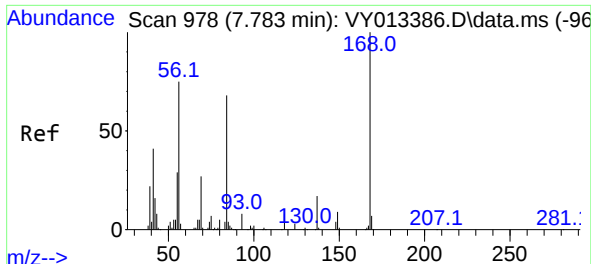
Tgt Ion: 42 Resp: 270487
Ion Ratio Lower Upper
42 100
72 40.0 35.9 53.9
71 39.0 34.3 51.5



#30
Chloroform
Concen: 54.853 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 83 Resp: 280791
Ion Ratio Lower Upper
83 100
85 64.8 52.0 78.0

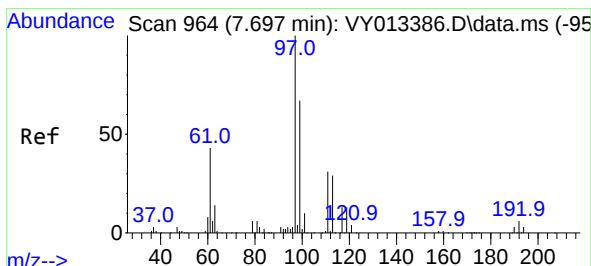
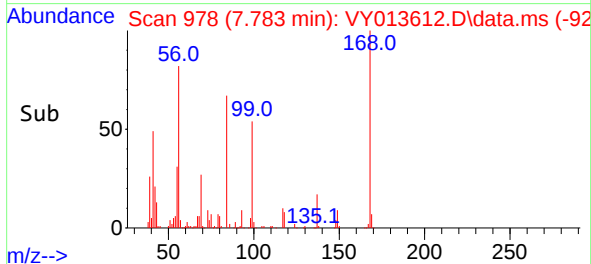
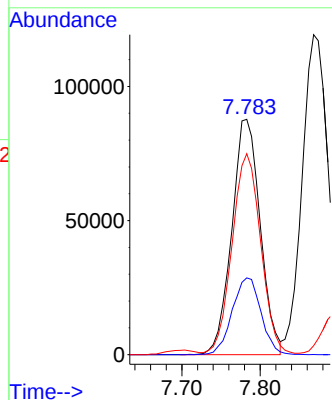
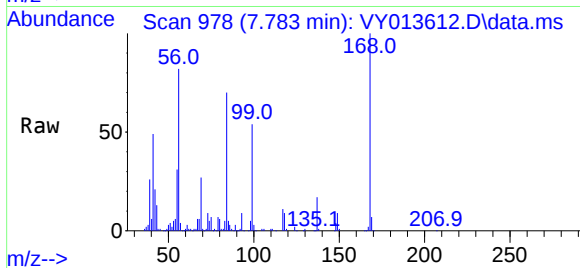




#31
Cyclohexane
Concen: 46.028 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

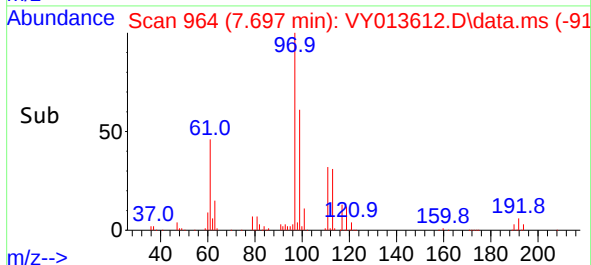
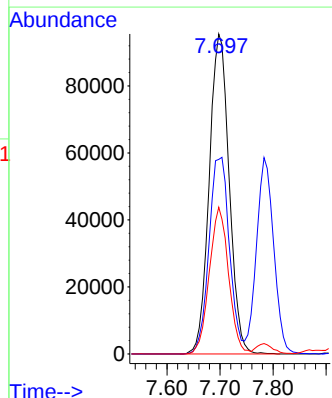
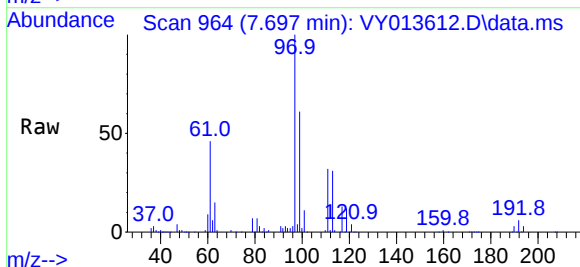
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

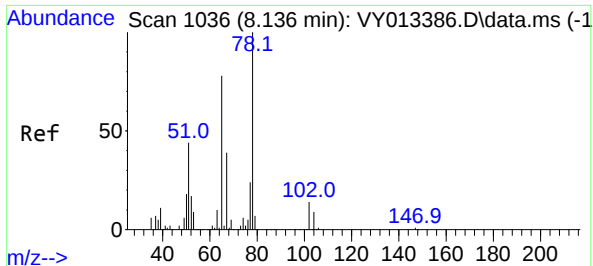
Tgt Ion: 56 Resp: 221411
Ion Ratio Lower Upper
56 100
69 32.7 29.2 43.8
84 83.5 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 54.498 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 97 Resp: 248943
Ion Ratio Lower Upper
97 100
99 63.5 52.2 78.2
61 44.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.201 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013612.D

Acq: 04 May 2023 19:56

Instrument :

MSVOA_Y

ClientSampleId :

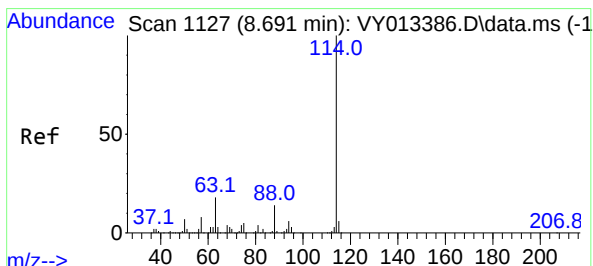
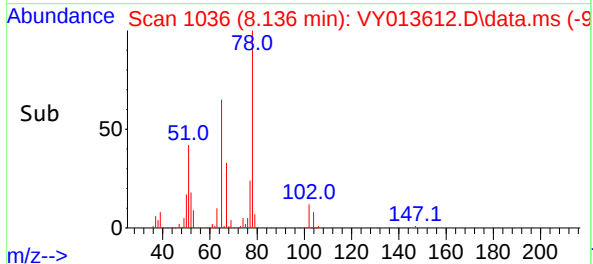
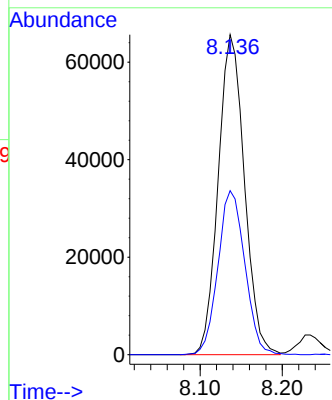
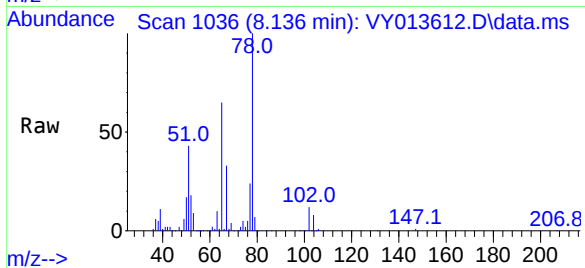
VSTDCCC050EC

Tgt Ion: 65 Resp: 145622

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013612.D

Acq: 04 May 2023 19:56

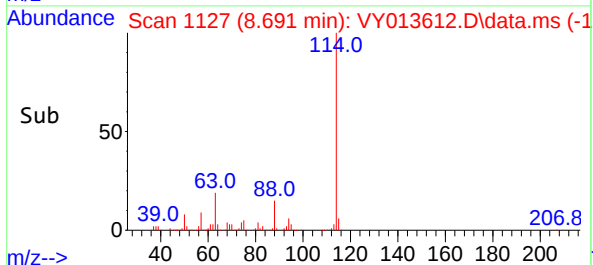
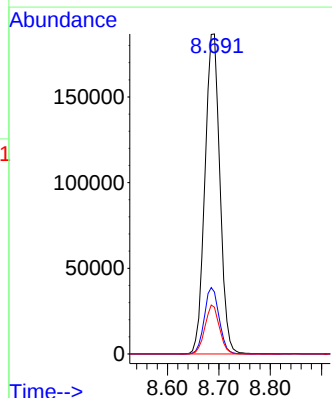
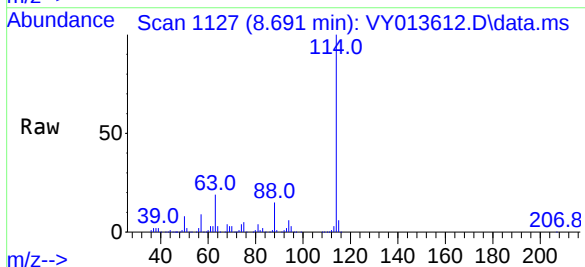
Tgt Ion: 114 Resp: 377176

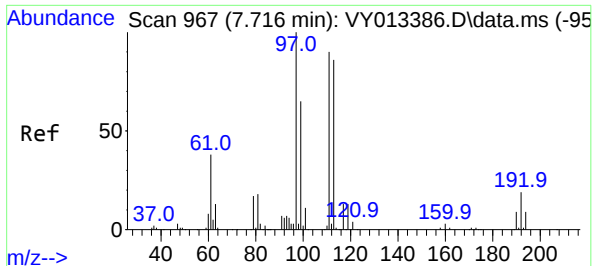
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.6

88 14.6 0.0 28.8

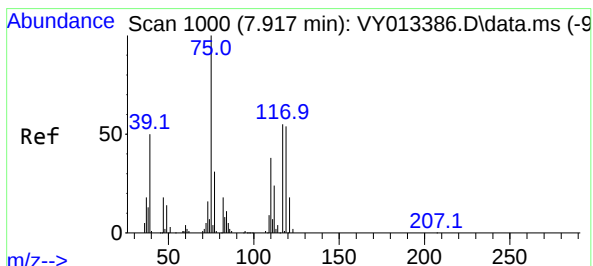
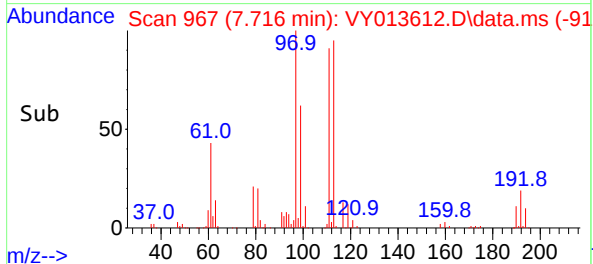
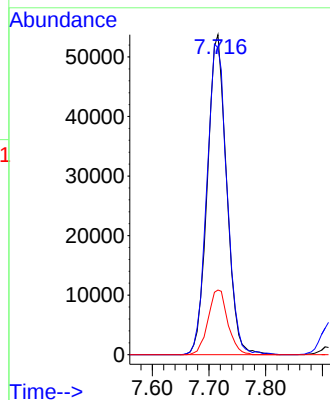
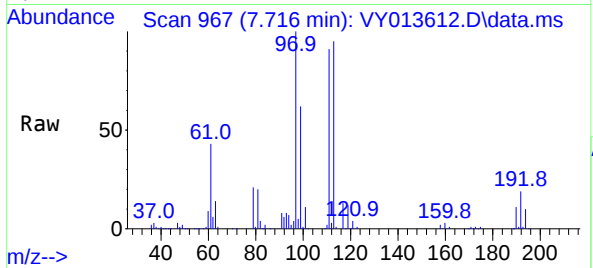




#35
Dibromofluoromethane
Concen: 53.307 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

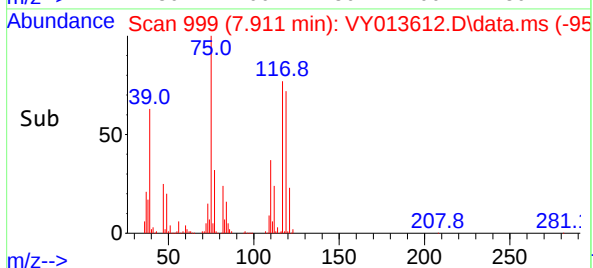
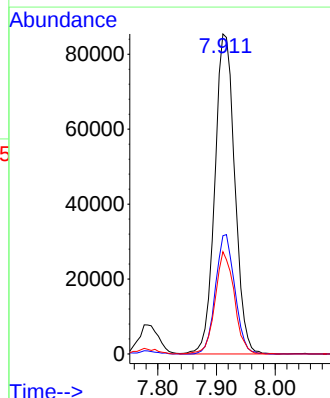
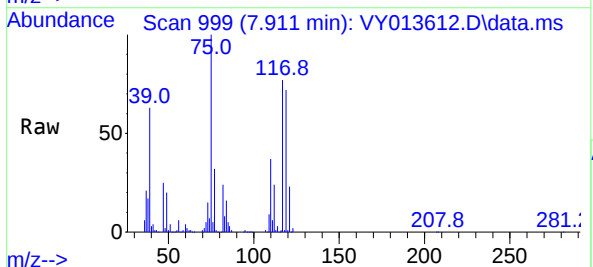
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

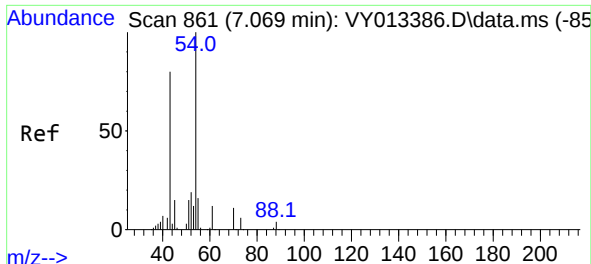
Tgt Ion:113 Resp: 126458
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 51.176 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 75 Resp: 201487
Ion Ratio Lower Upper
75 100
110 36.1 18.7 56.1
77 30.7 24.6 37.0

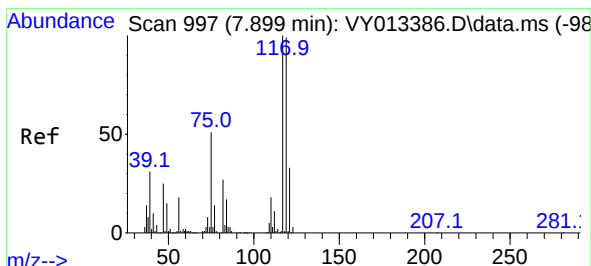
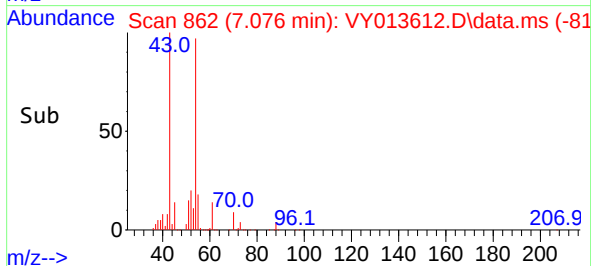
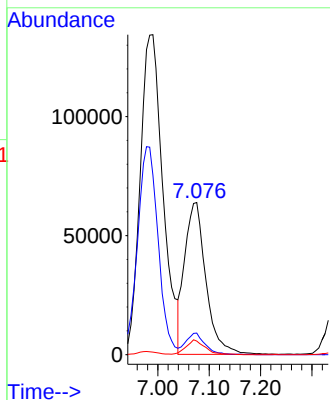
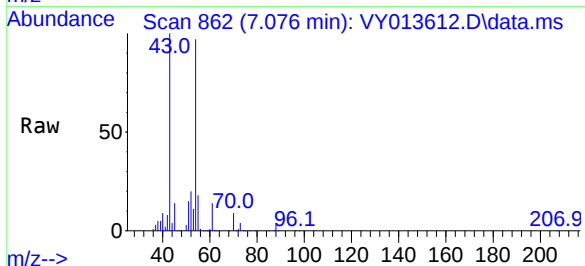




#37
Ethyl Acetate
Concen: 61.848 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

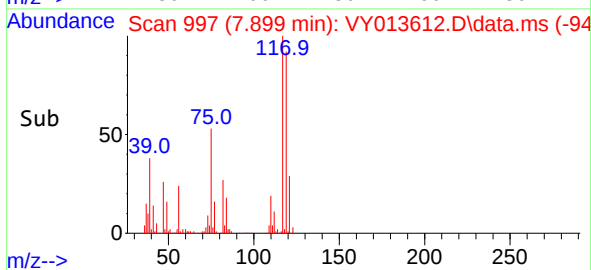
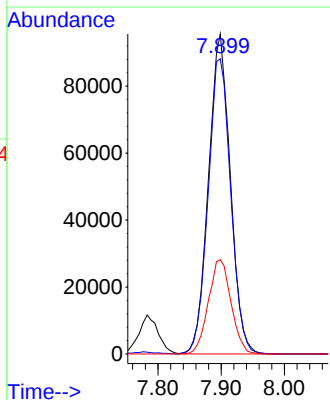
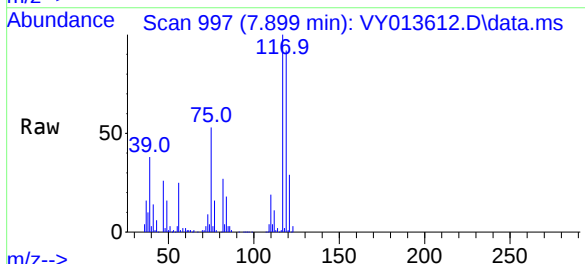
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

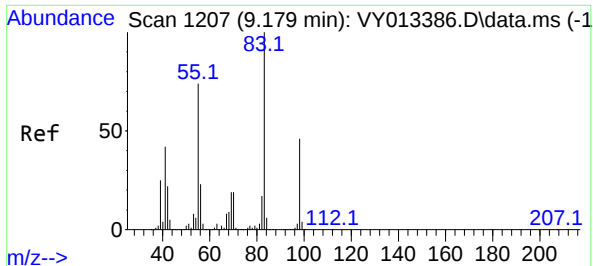
Tgt Ion: 43 Resp: 183244
Ion Ratio Lower Upper
43 100
61 12.4 11.4 17.0
70 8.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 55.467 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 117 Resp: 228887
Ion Ratio Lower Upper
117 100
119 92.3 79.0 118.6
121 29.5 26.6 40.0

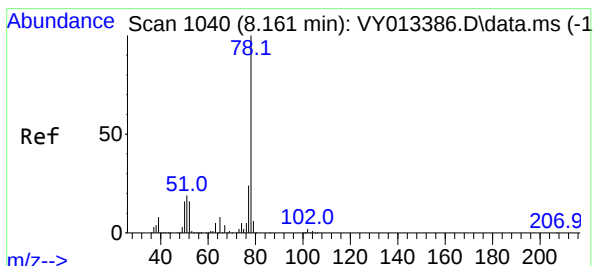
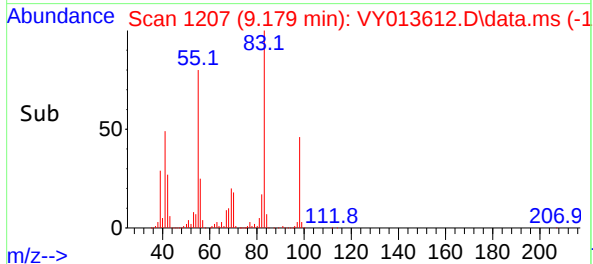
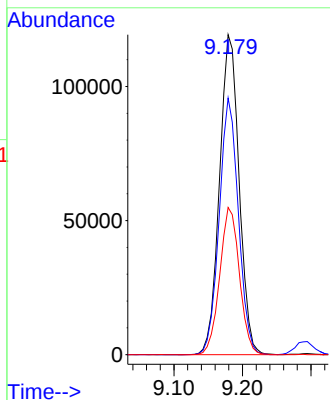
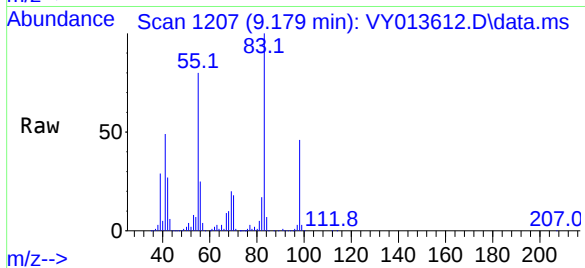




#39
Methylcyclohexane
Concen: 50.938 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

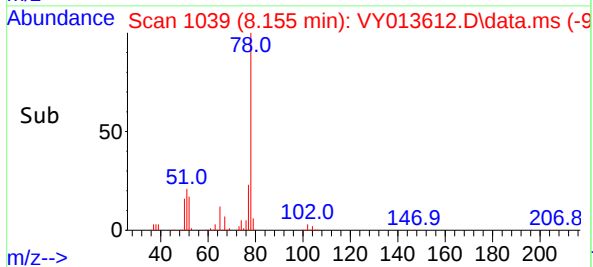
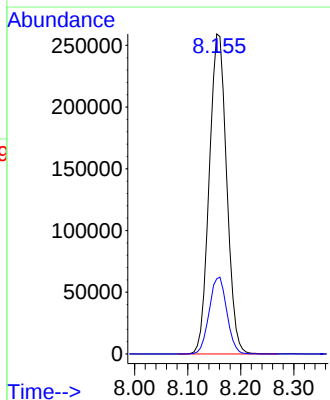
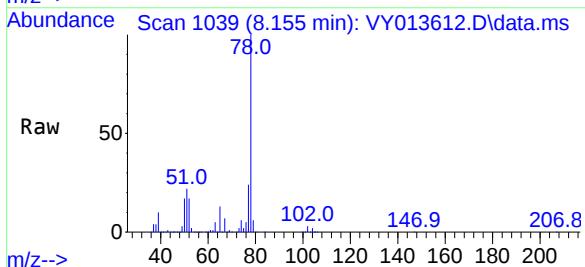
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

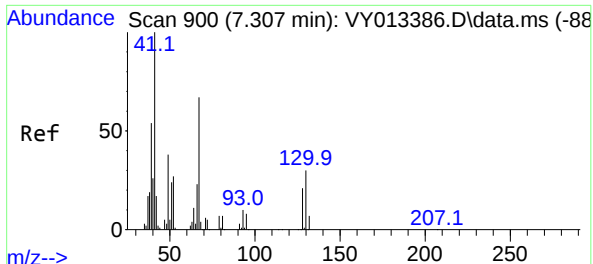
Tgt Ion: 83 Resp: 236424
Ion Ratio Lower Upper
83 100
55 80.2 59.0 88.4
98 46.0 37.0 55.4



#40
Benzene
Concen: 53.302 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 78 Resp: 591139
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8

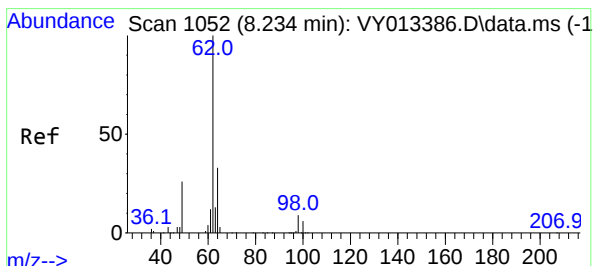
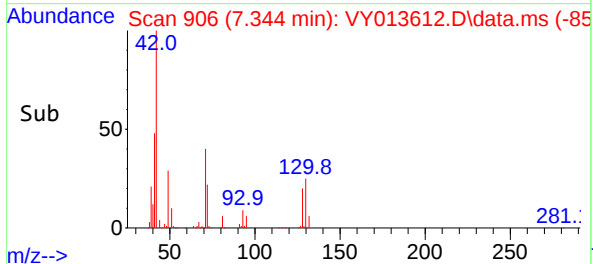
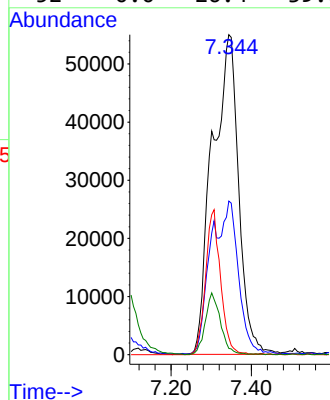
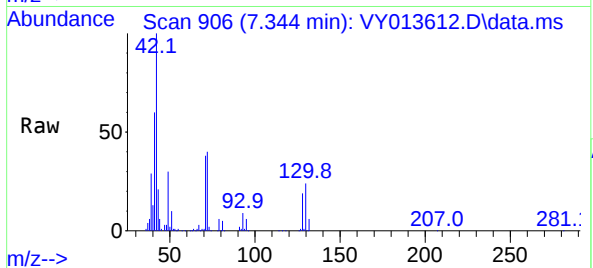




#41
Methacrylonitrile
Concen: 180.575 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

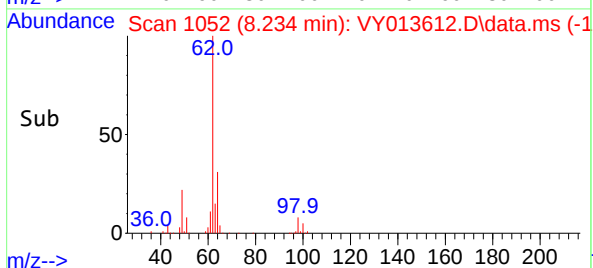
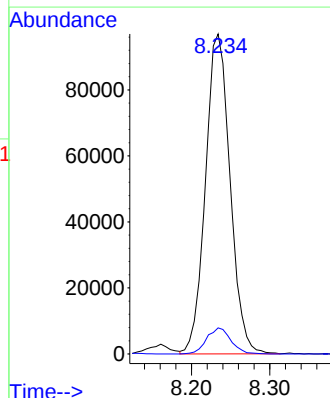
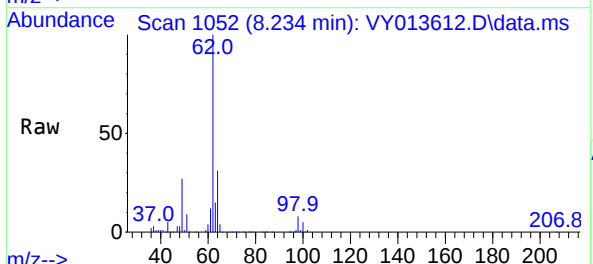
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

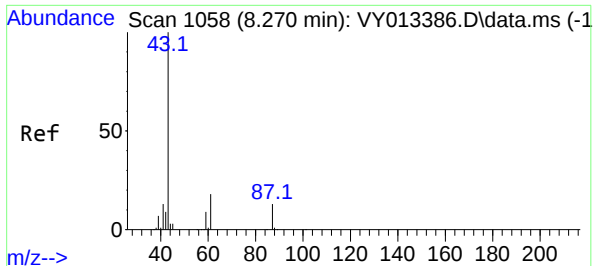
Tgt Ion: 41 Resp: 249311
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 58.329 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 62 Resp: 211490
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.8

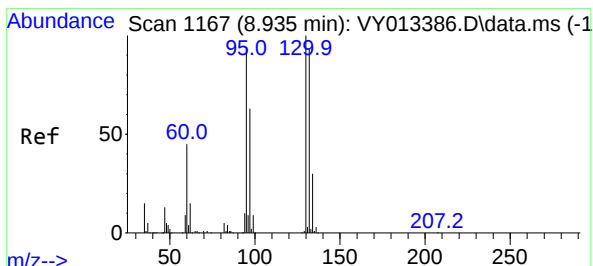
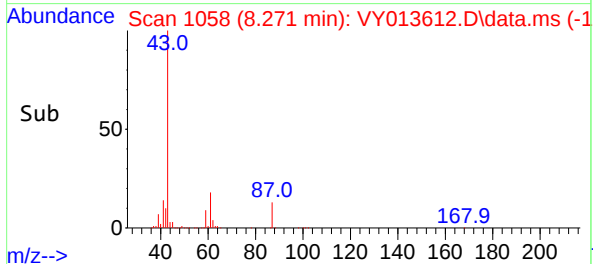
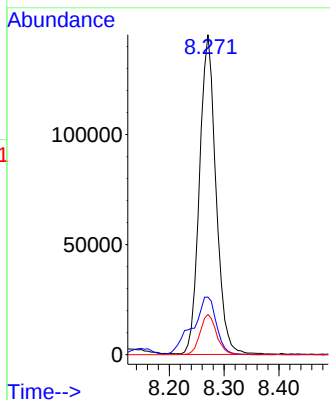
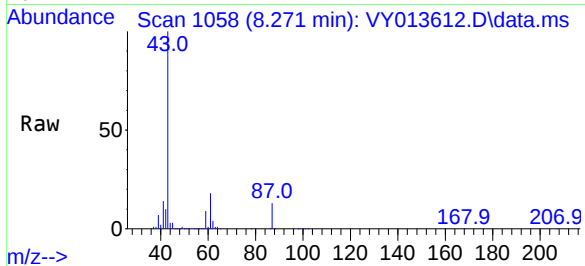




#43
Isopropyl Acetate
Concen: 60.747 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

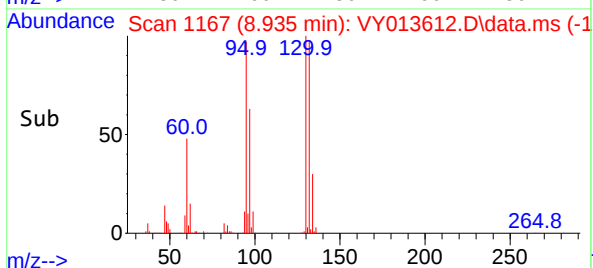
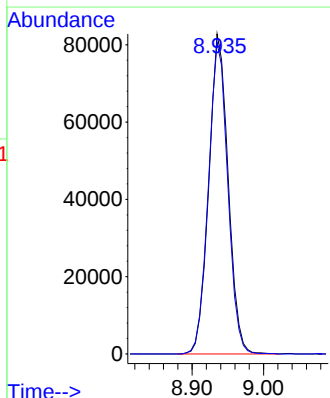
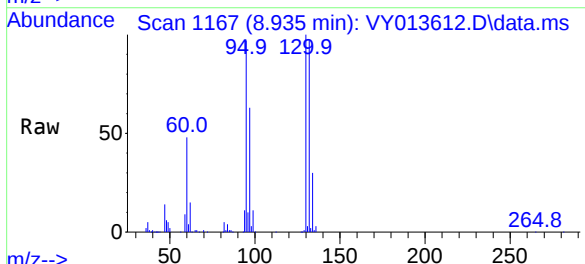
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

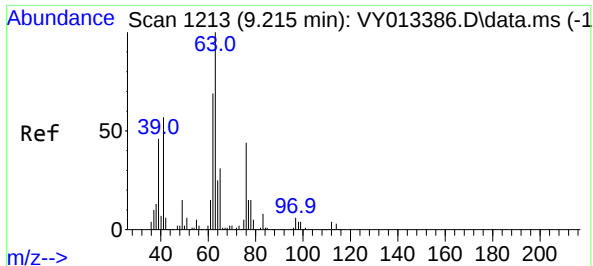
Tgt Ion: 43 Resp: 303790
Ion Ratio Lower Upper
43 100
61 26.1 22.2 33.4
87 12.5 11.0 16.6



#44
Trichloroethene
Concen: 52.764 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion:130 Resp: 155656
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.8

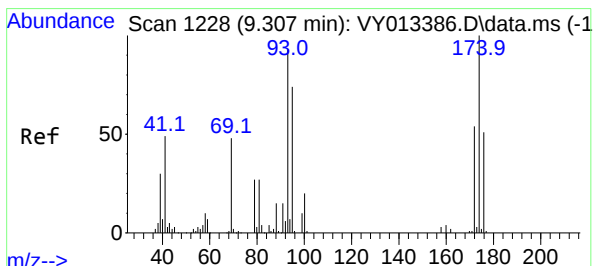
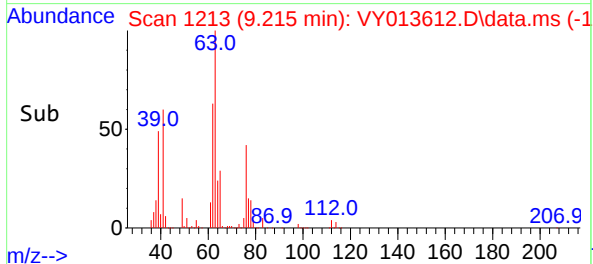
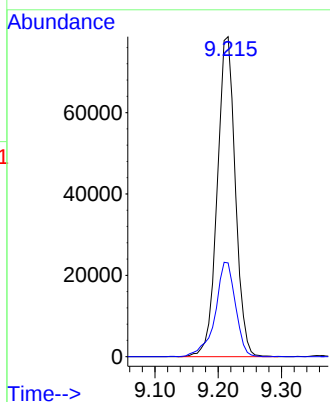
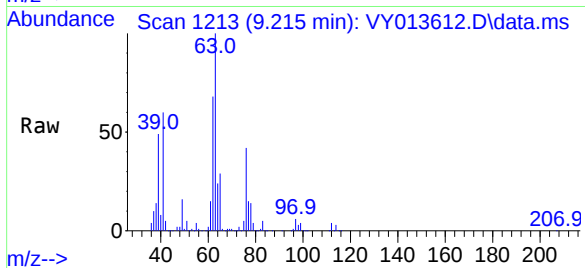




#45
1,2-Dichloropropane
Concen: 53.586 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

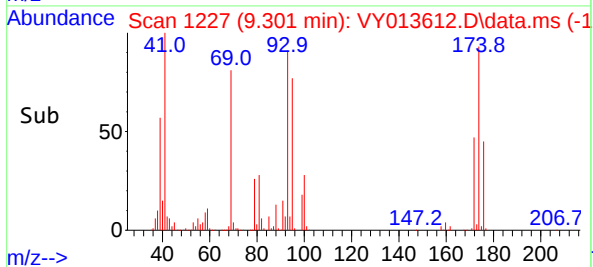
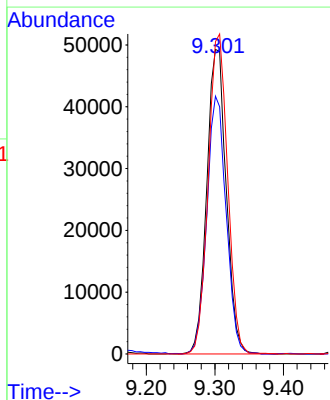
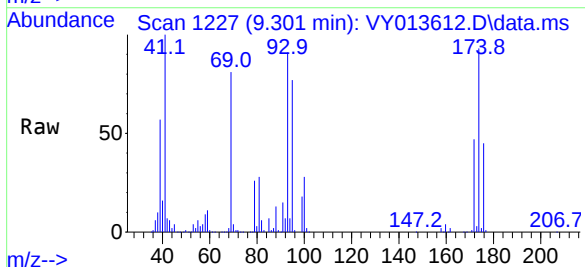
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

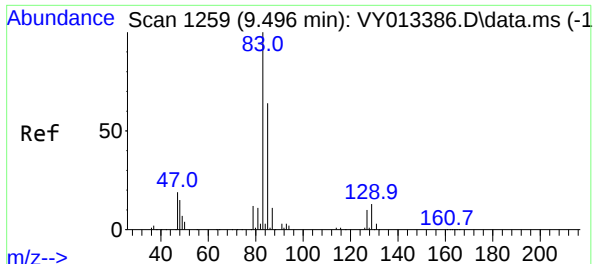
Tgt Ion: 63 Resp: 155386
Ion Ratio Lower Upper
63 100
65 29.3 24.6 37.0



#46
Dibromomethane
Concen: 56.131 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 93 Resp: 97388
Ion Ratio Lower Upper
93 100
95 83.7 67.1 100.7
174 104.5 87.0 130.4

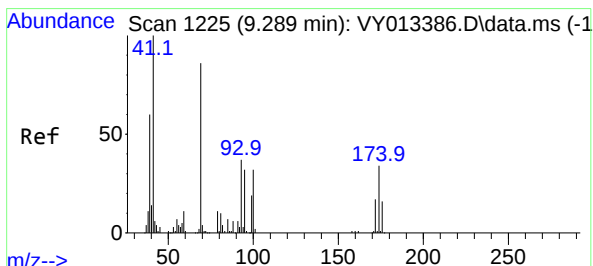
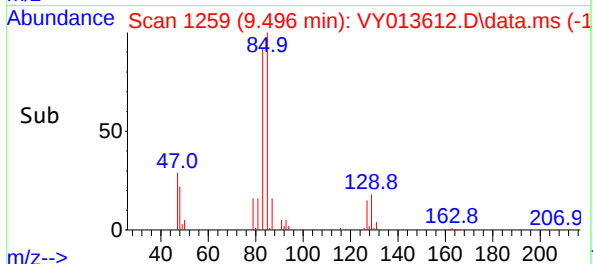
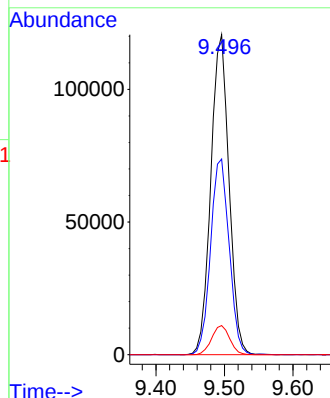
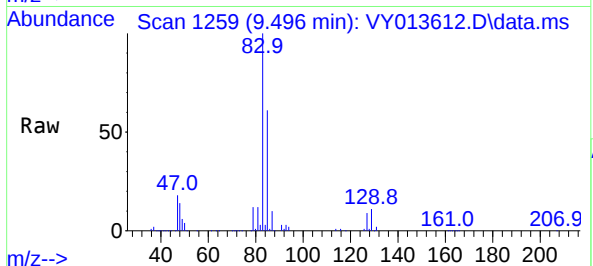




#47
Bromodichloromethane
Concen: 57.293 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

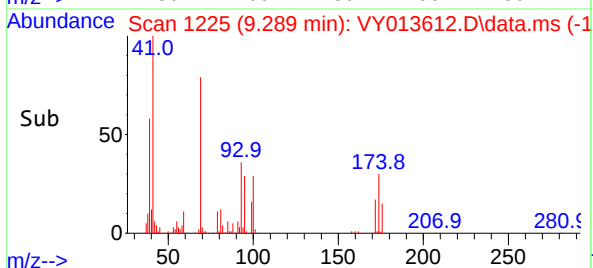
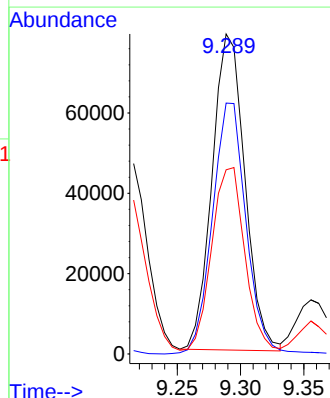
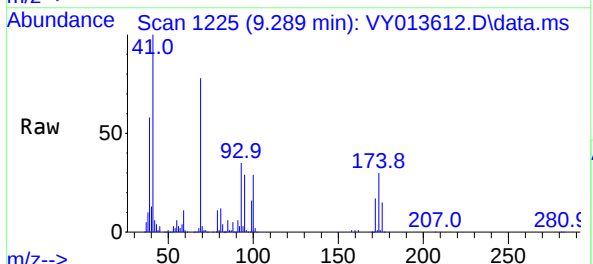
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

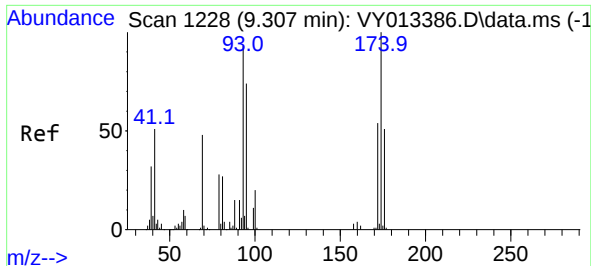
Tgt Ion: 83 Resp: 222430
Ion Ratio Lower Upper
83 100
85 61.1 51.4 77.2
127 9.1 8.1 12.1



#48
Methyl methacrylate
Concen: 61.676 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 41 Resp: 141655
Ion Ratio Lower Upper
41 100
69 81.9 70.2 105.4
39 58.3 47.9 71.9

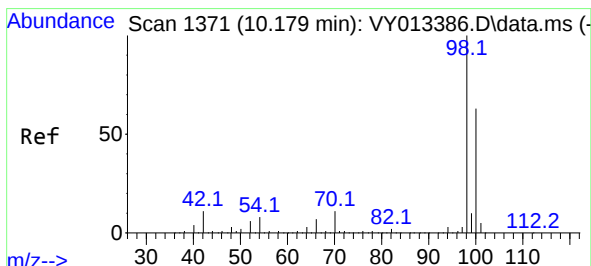
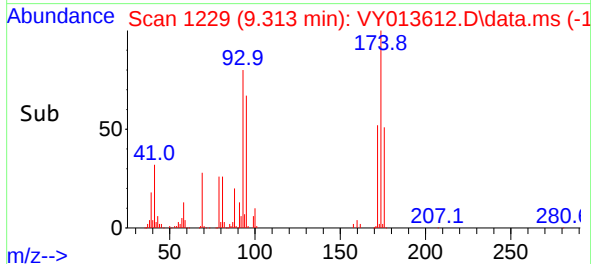
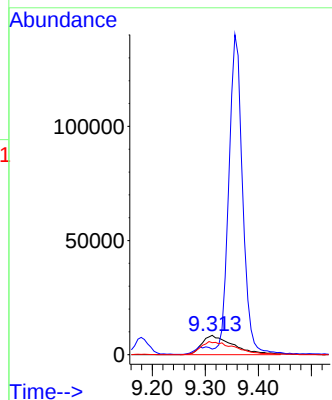
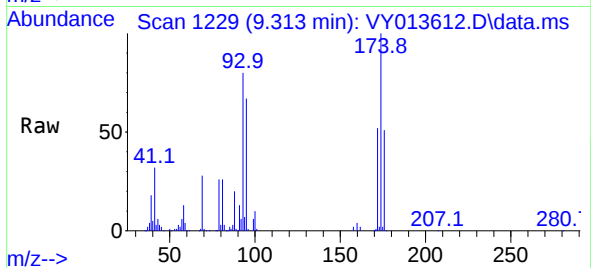




#49
1,4-Dioxane
Concen: 1404.656 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

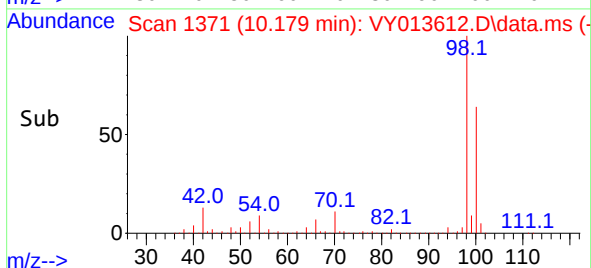
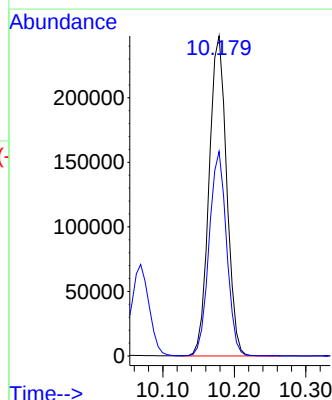
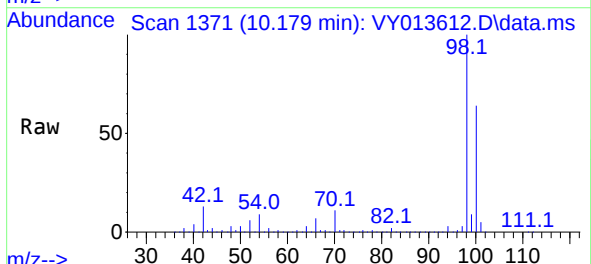
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

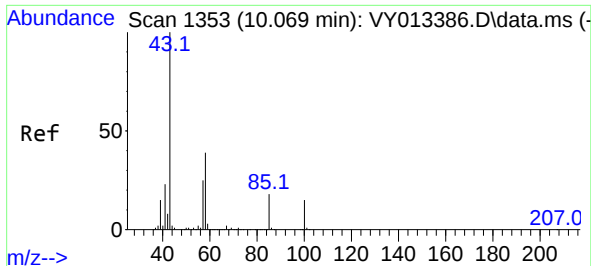
Tgt Ion: 88 Resp: 34807
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2#
58 75.3 54.3 81.5



#50
Toluene-d8
Concen: 50.137 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 98 Resp: 423110
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7

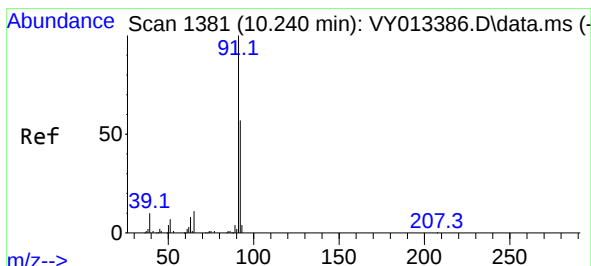
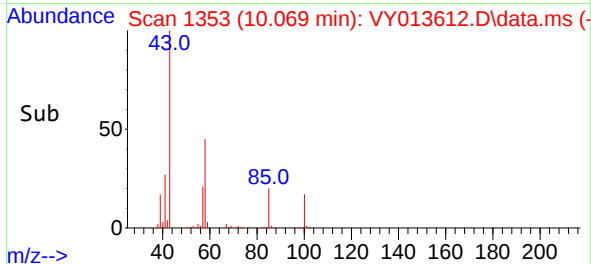
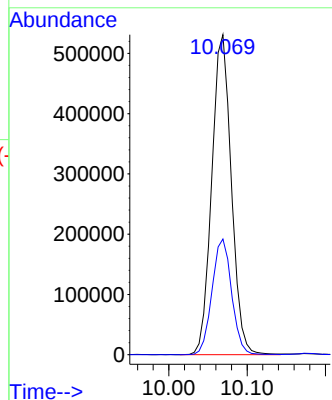
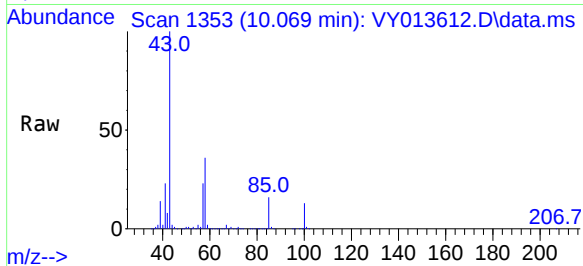




#51
4-Methyl-2-Pentanone
Concen: 330.548 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

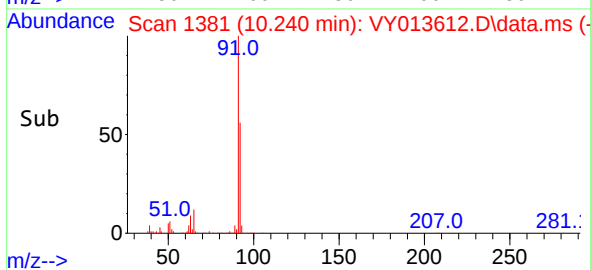
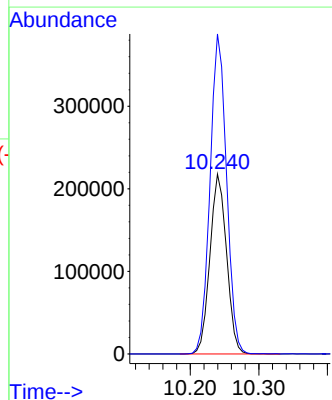
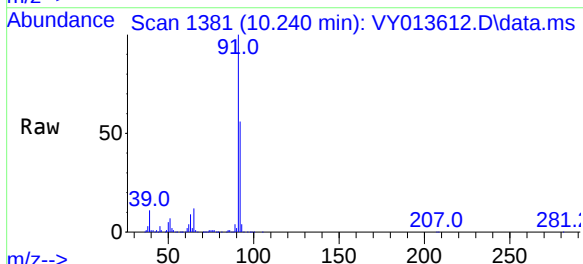
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

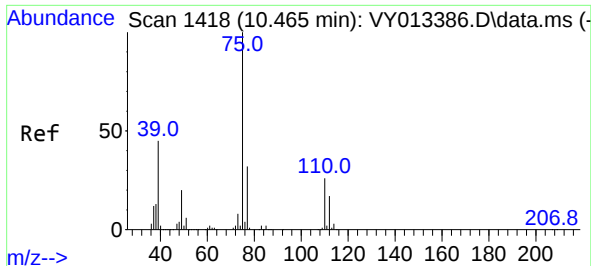
Tgt Ion: 43 Resp: 921148
Ion Ratio Lower Upper
43 100
58 36.2 30.6 46.0



#52
Toluene
Concen: 54.991 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 92 Resp: 367003
Ion Ratio Lower Upper
92 100
91 176.6 140.2 210.4

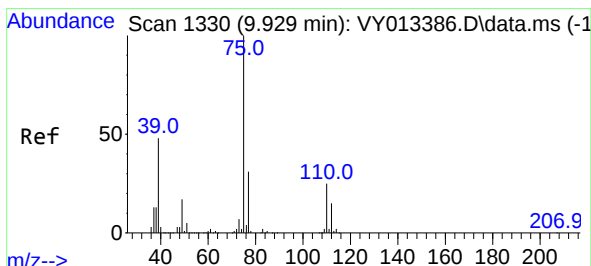
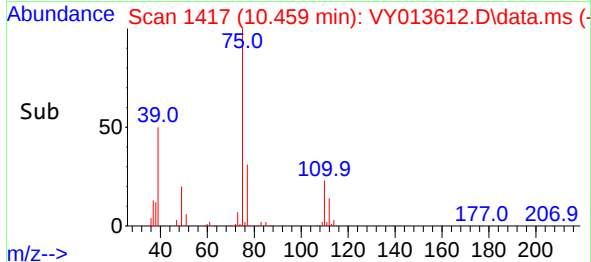
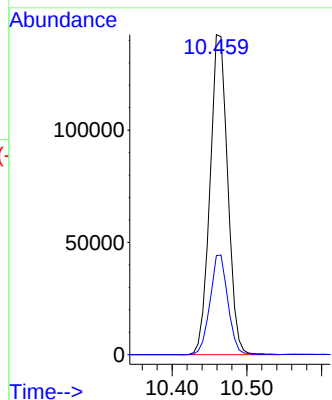
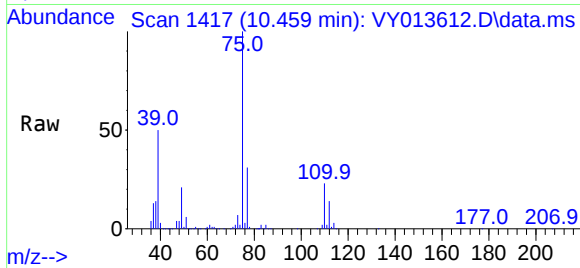




#53
t-1,3-Dichloropropene
Concen: 57.212 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

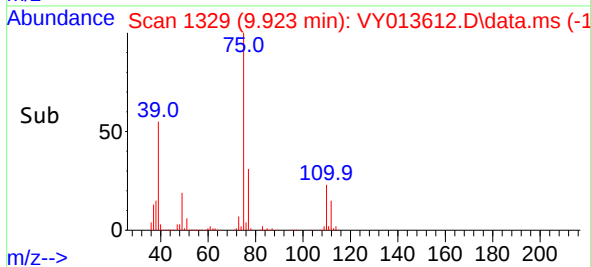
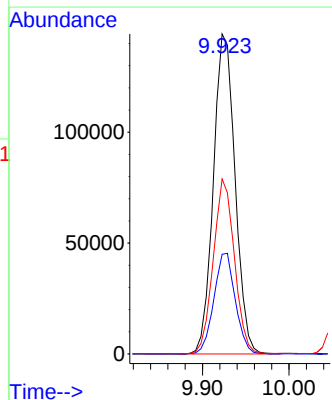
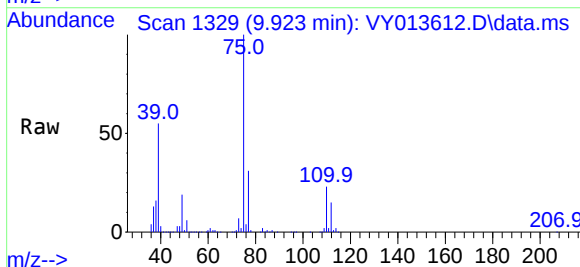
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

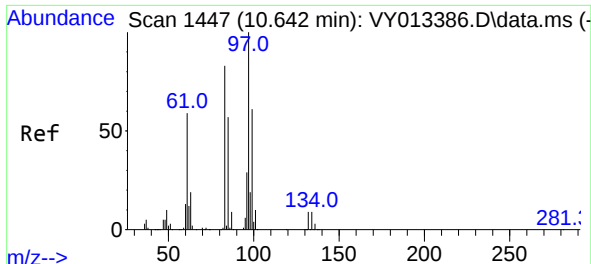
Tgt Ion: 75 Resp: 235075
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 54.372 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 75 Resp: 251384
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 54.6 38.1 57.1



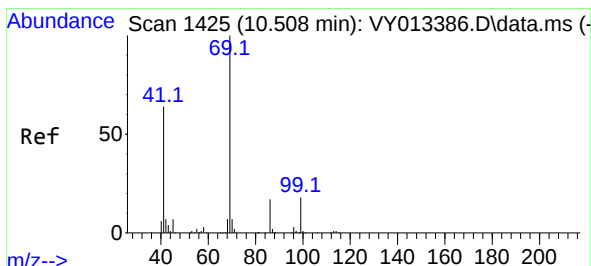
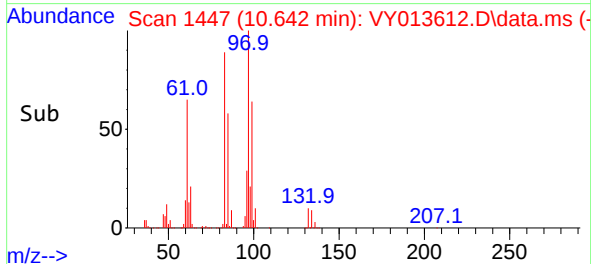
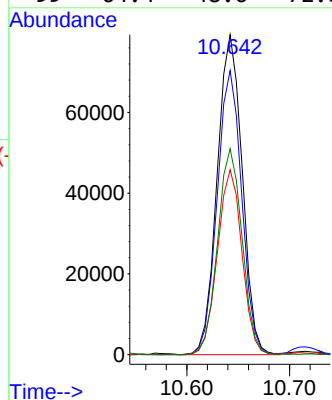
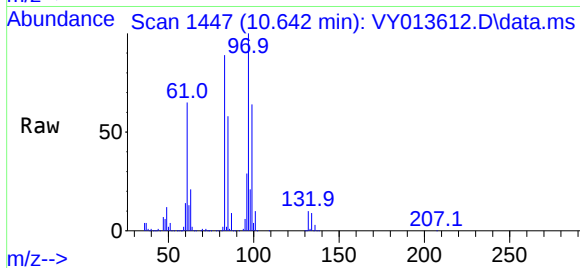


#55
1,1,2-Trichloroethane
Concen: 58.339 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 134044

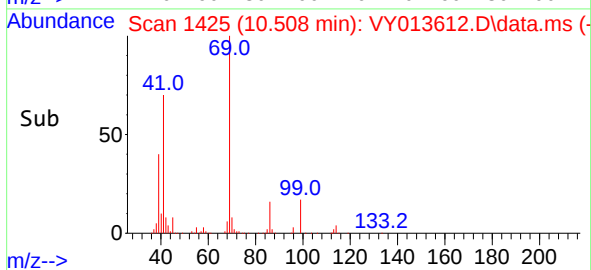
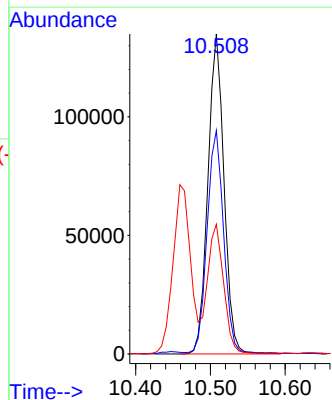
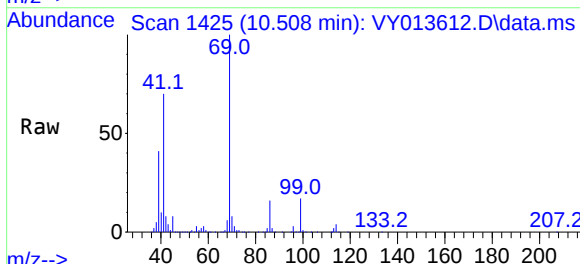
Ion	Ratio	Lower	Upper
97	100		
83	88.8	66.4	99.6
85	57.8	45.6	68.4
99	64.4	48.6	72.8

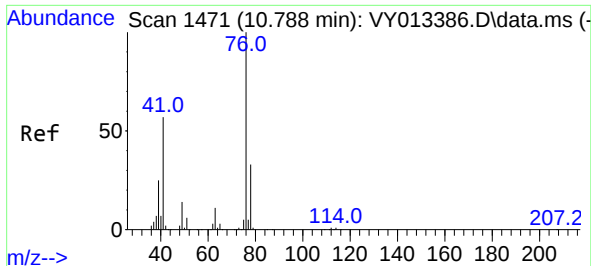


#56
Ethyl methacrylate
Concen: 63.391 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 69 Resp: 202069

Ion	Ratio	Lower	Upper
69	100		
41	70.9	51.4	77.0
39	40.8	29.0	43.6





#57

1,3-Dichloropropane

Concen: 58.567 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013612.D

Acq: 04 May 2023 19:56

Instrument :

MSVOA_Y

ClientSampleId :

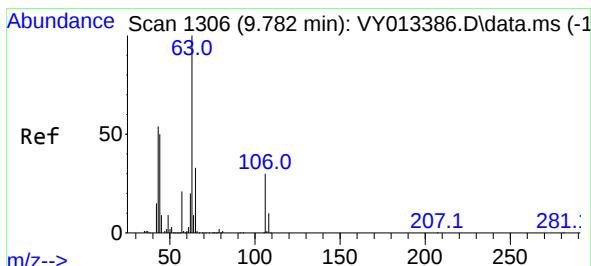
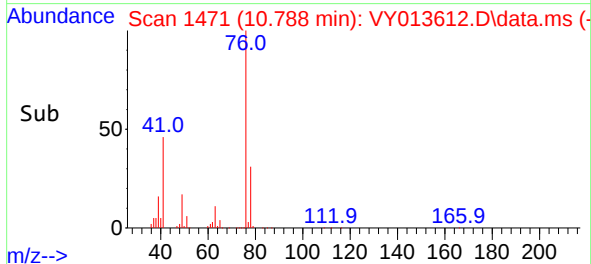
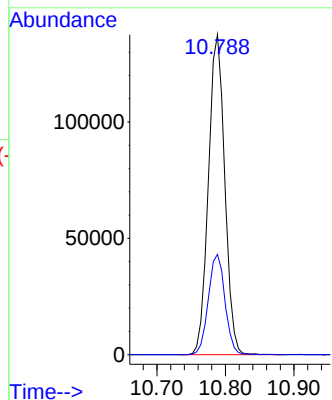
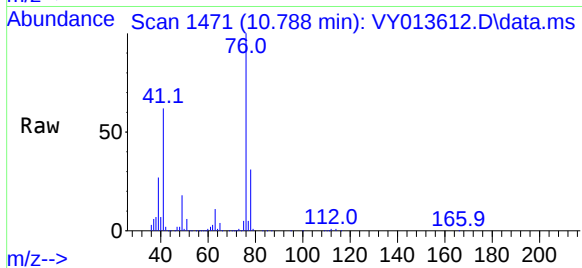
VSTDCCC050EC

Tgt Ion: 76 Resp: 227904

Ion Ratio Lower Upper

76 100

78 32.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 299.335 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013612.D

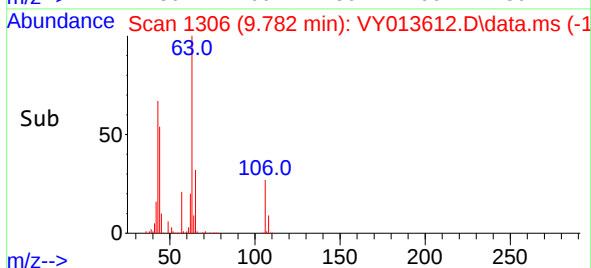
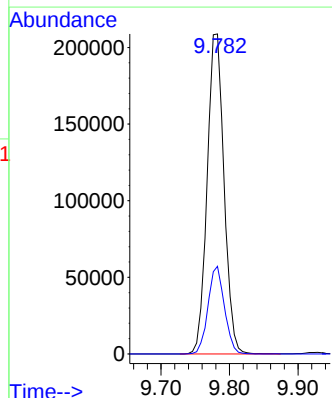
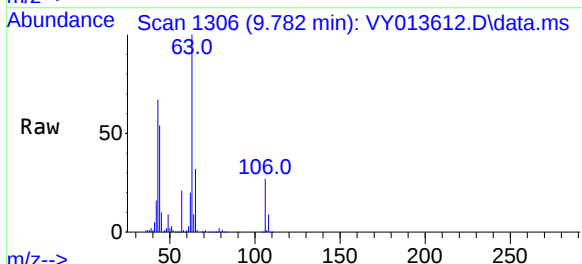
Acq: 04 May 2023 19:56

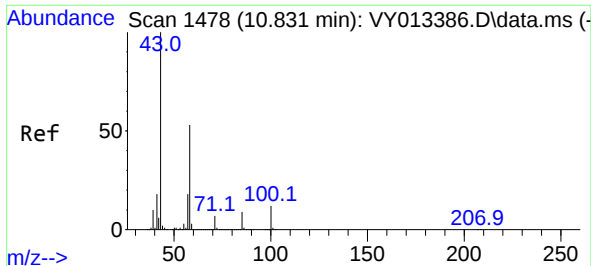
Tgt Ion: 63 Resp: 357804

Ion Ratio Lower Upper

63 100

106 26.6 23.5 35.3

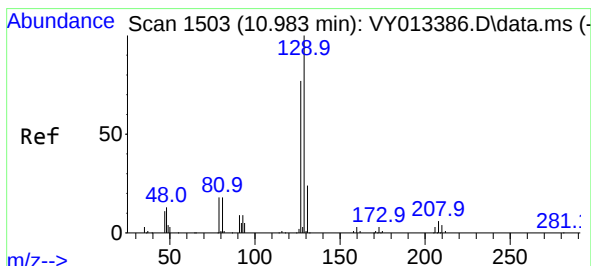
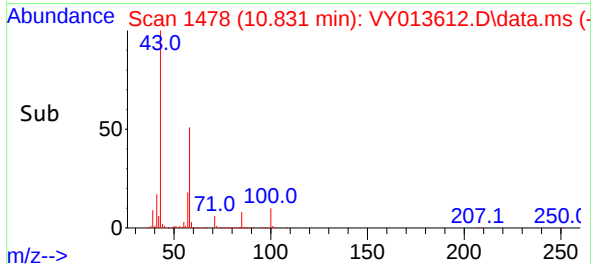
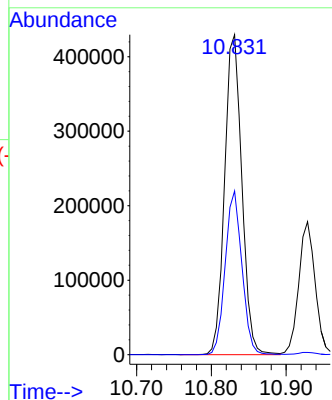
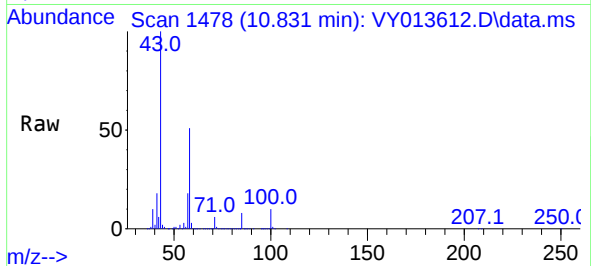




#59
2-Hexanone
Concen: 340.116 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

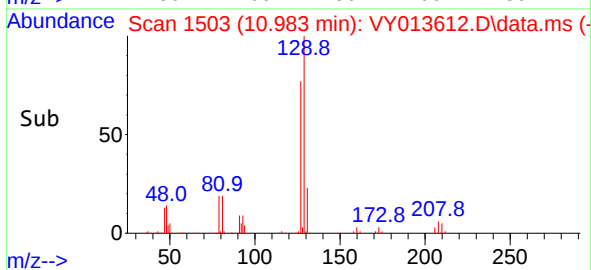
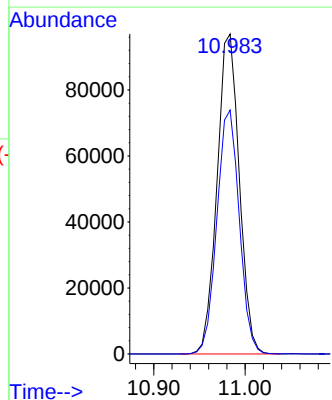
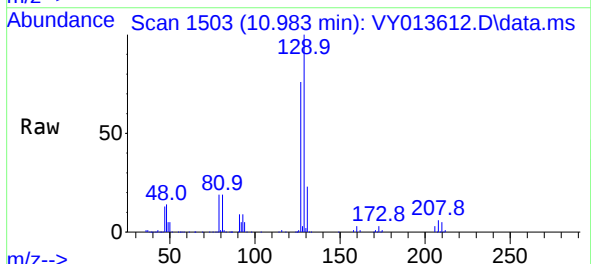
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

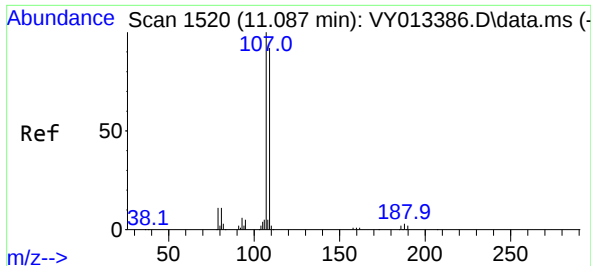
Tgt Ion: 43 Resp: 688983
Ion Ratio Lower Upper
43 100
58 49.7 26.3 78.8



#60
Dibromochloromethane
Concen: 58.870 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion:129 Resp: 164242
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

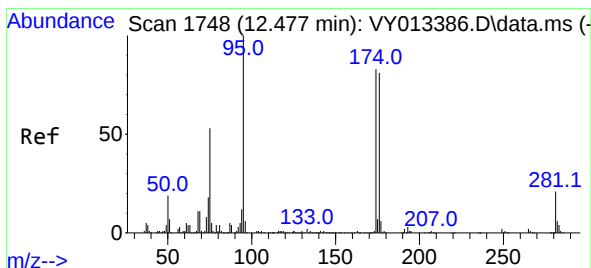
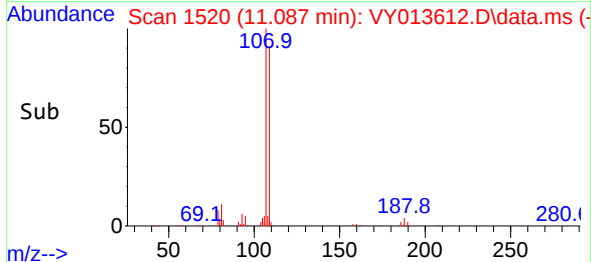
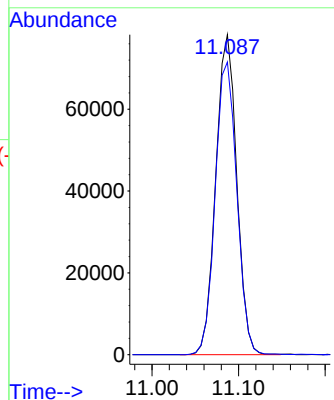
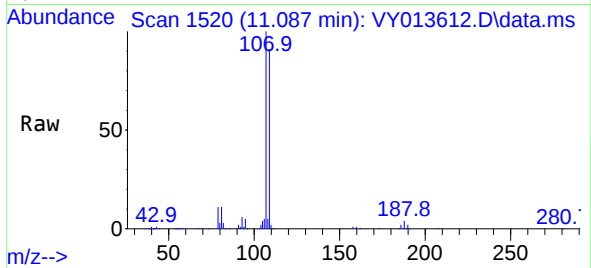




#61
1,2-Dibromoethane
Concen: 58.269 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

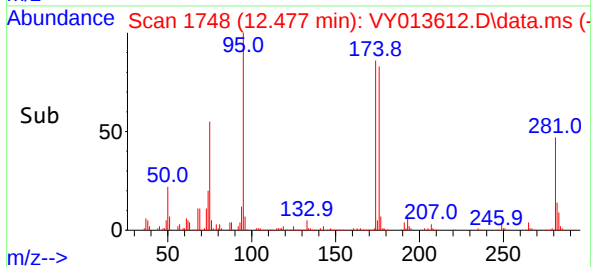
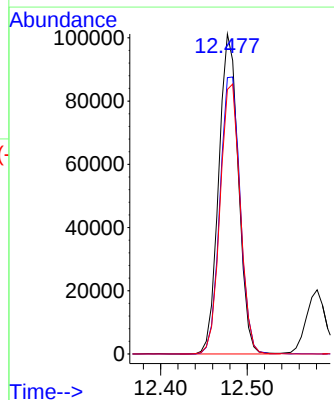
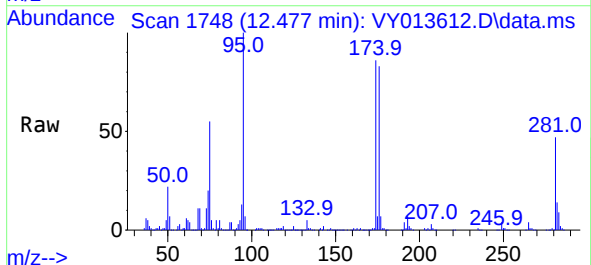
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

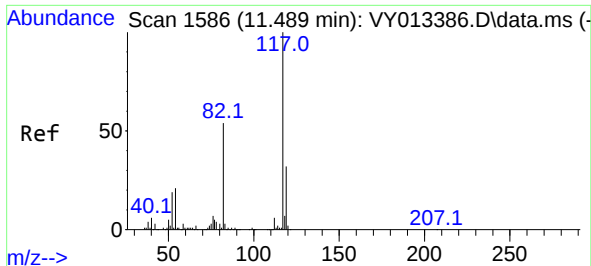
Tgt Ion:107 Resp: 131630
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.188 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 95 Resp: 159858
Ion Ratio Lower Upper
95 100
174 88.6 0.0 182.0
176 85.9 0.0 175.4

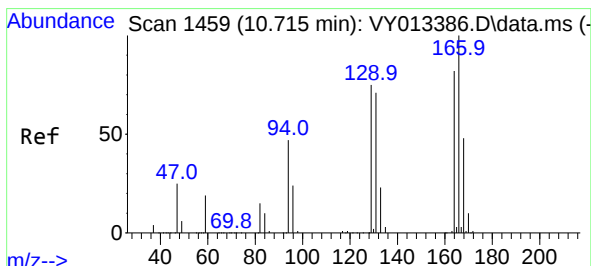
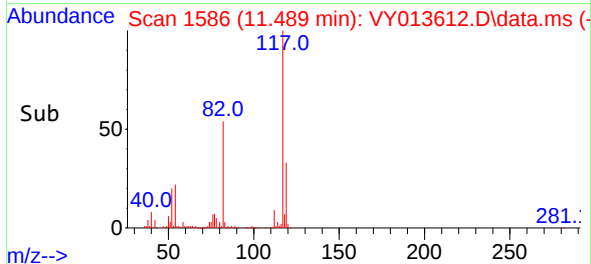
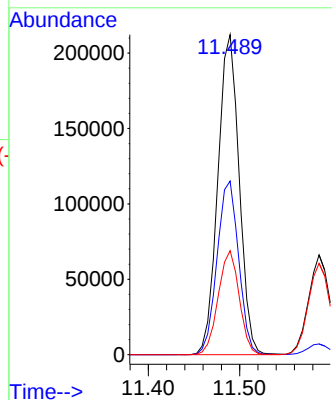
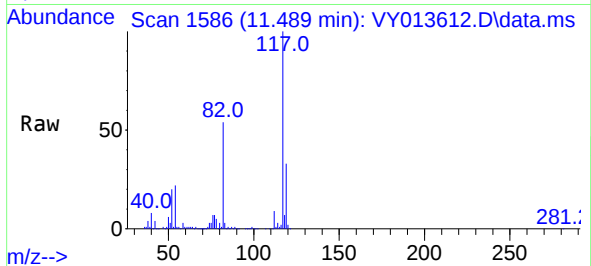




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

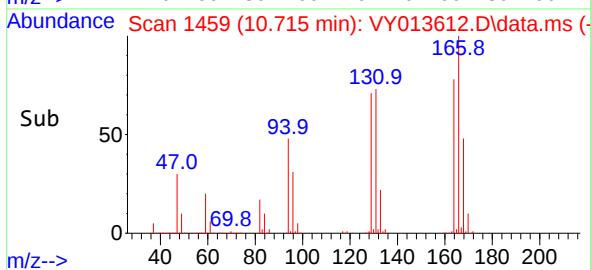
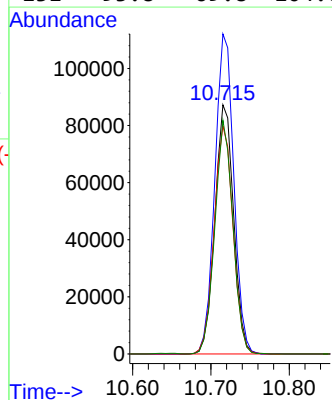
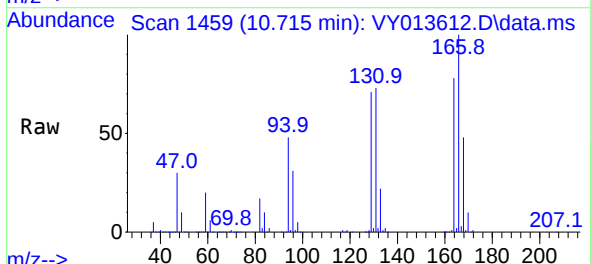
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

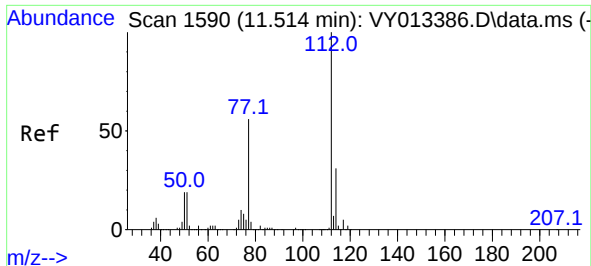
Tgt Ion:117 Resp: 344584
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.6
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 55.602 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion:164 Resp: 145690
Ion Ratio Lower Upper
164 100
166 128.5 97.5 146.3
129 91.6 72.6 109.0
131 93.8 69.8 104.6

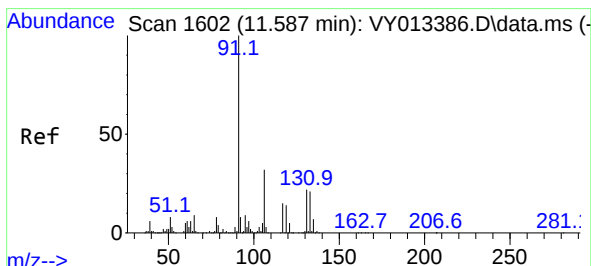
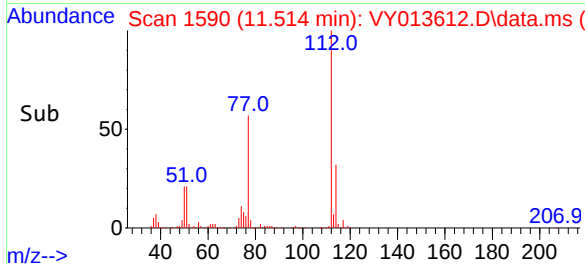
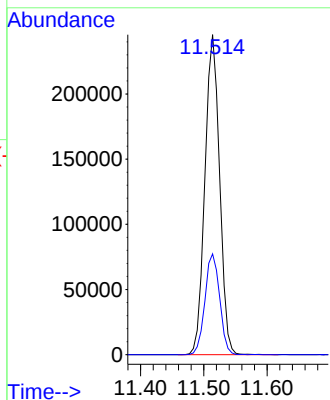
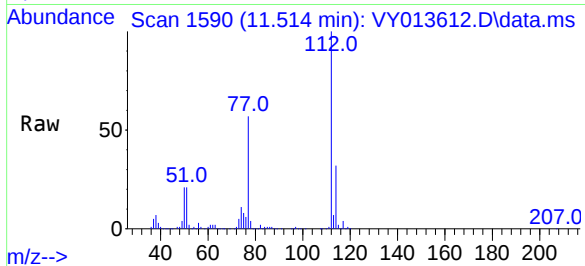




#65
Chlorobenzene
Concen: 52.896 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

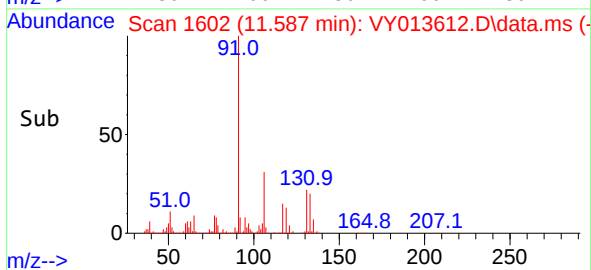
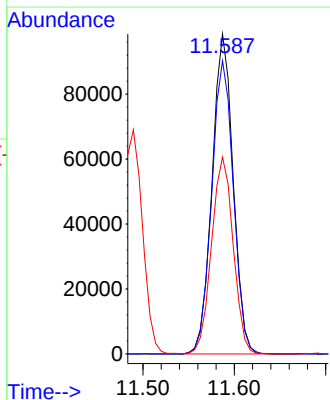
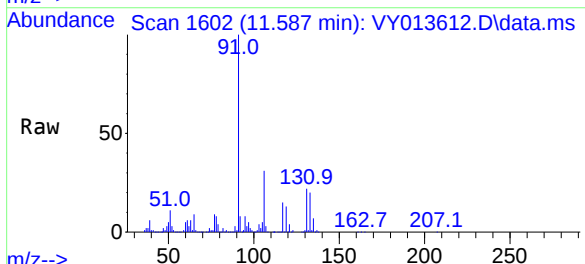
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

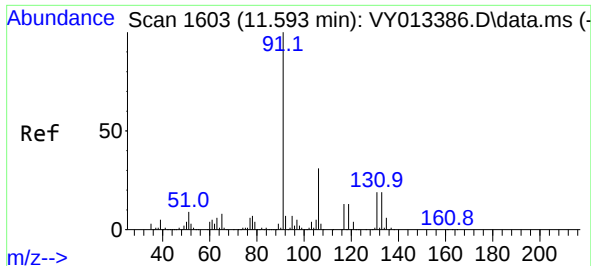
Tgt Ion:112 Resp: 397059
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 56.184 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion:131 Resp: 157729
Ion Ratio Lower Upper
131 100
133 94.3 47.7 143.1
119 63.2 32.6 98.0

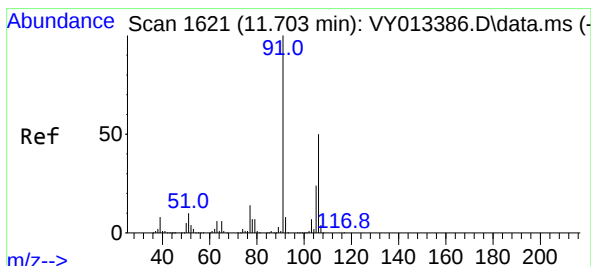
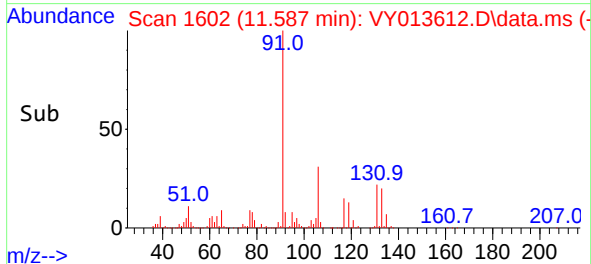
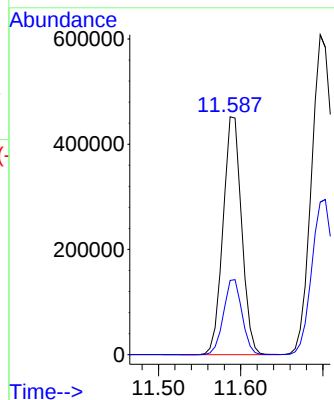
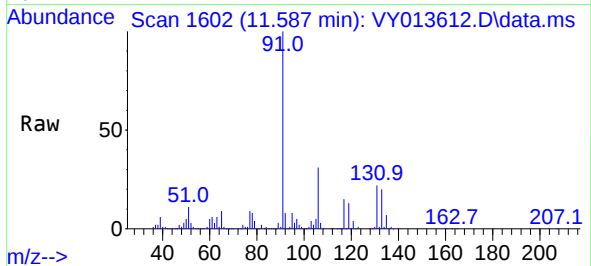




#67
Ethyl Benzene
Concen: 54.057 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

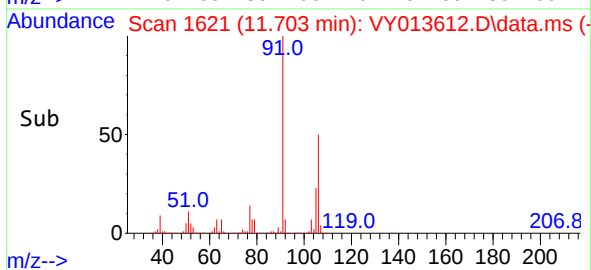
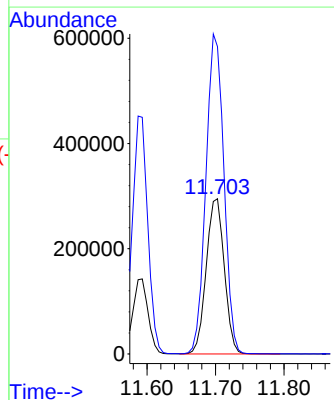
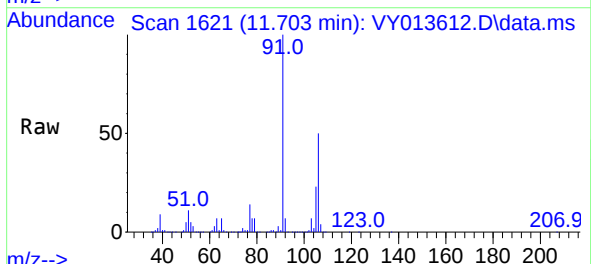
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

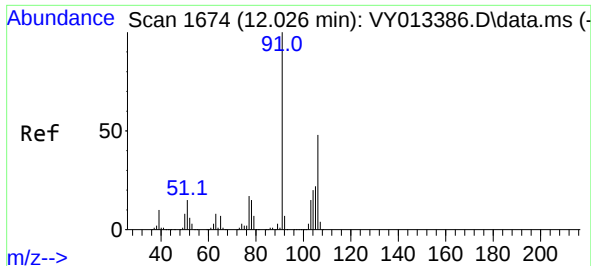
Tgt Ion: 91 Resp: 712536
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 108.123 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 106 Resp: 541789
Ion Ratio Lower Upper
106 100
91 205.3 160.9 241.3

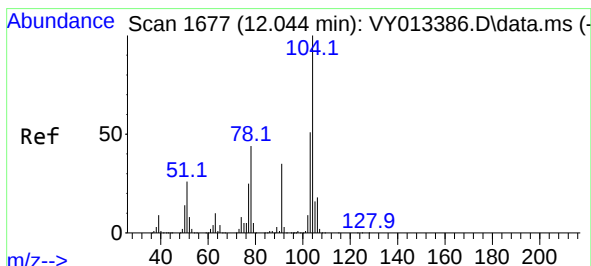
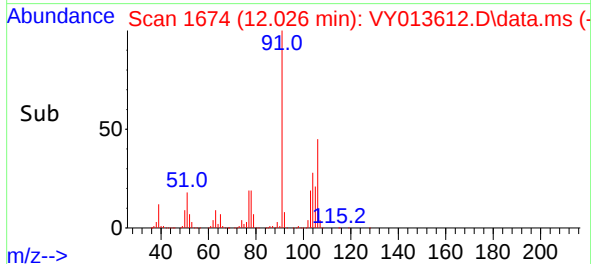
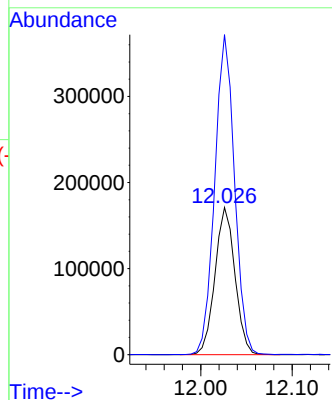
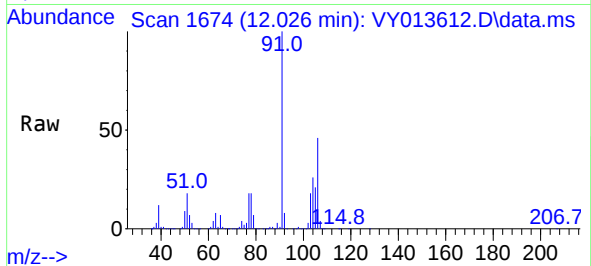




#69
o-Xylene
Concen: 54.787 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

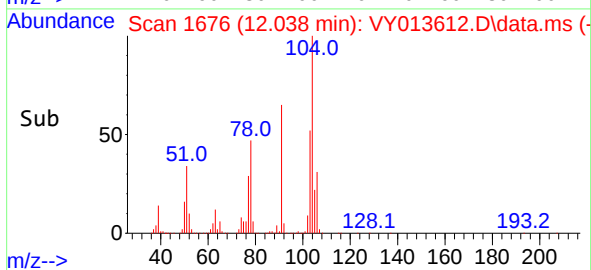
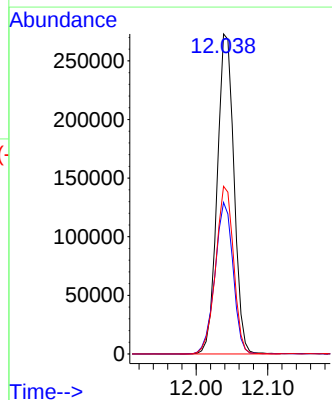
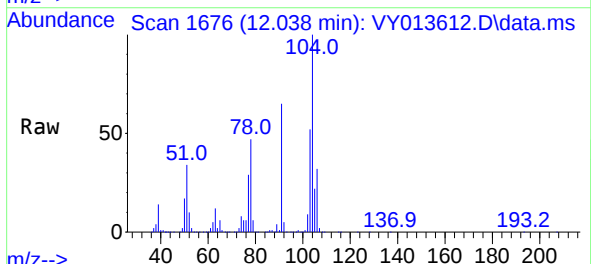
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

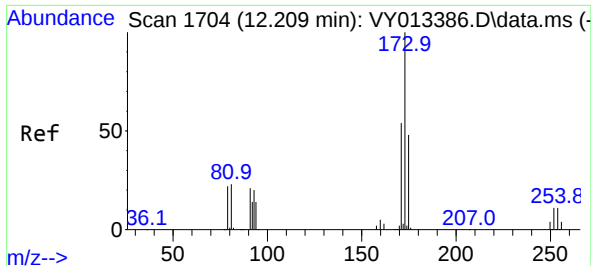
Tgt Ion:106 Resp: 259638
Ion Ratio Lower Upper
106 100
91 215.6 105.5 316.4



#70
Styrene
Concen: 56.212 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion:104 Resp: 445412
Ion Ratio Lower Upper
104 100
78 51.2 40.3 60.5
103 55.8 45.0 67.4

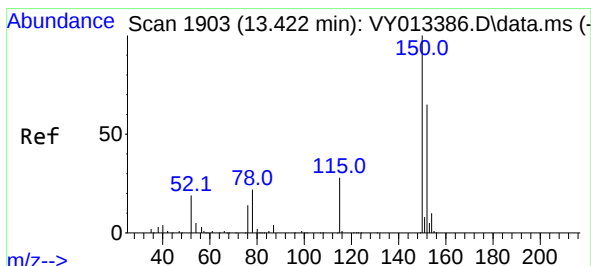
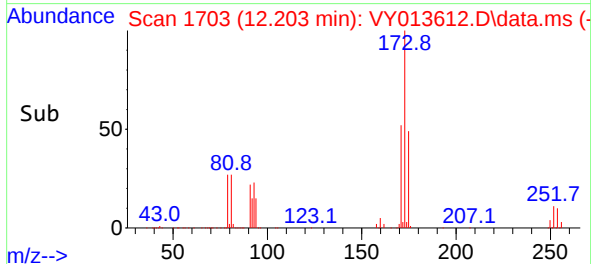
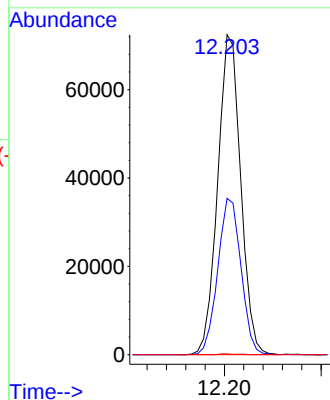
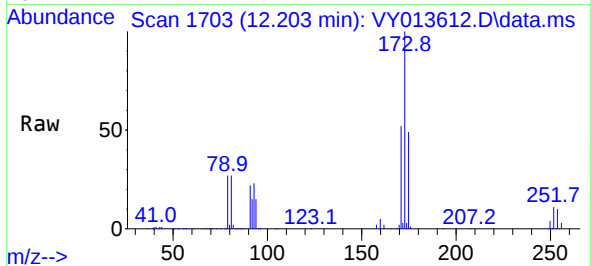




#71
Bromoform
Concen: 60.795 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

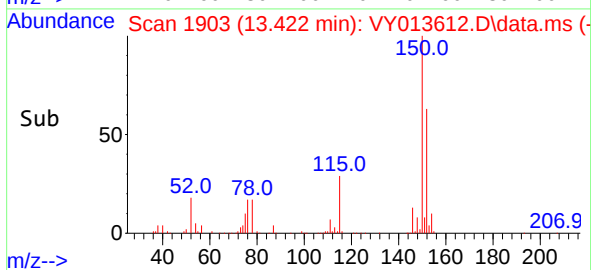
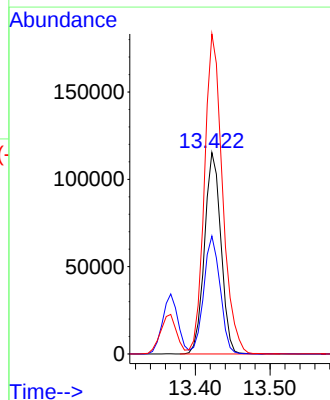
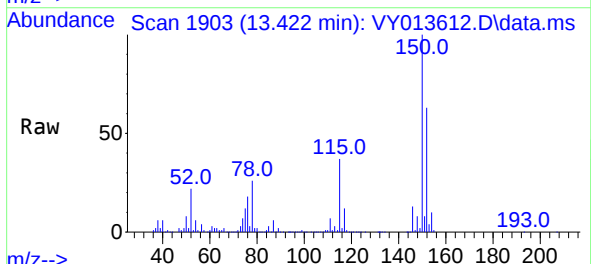
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

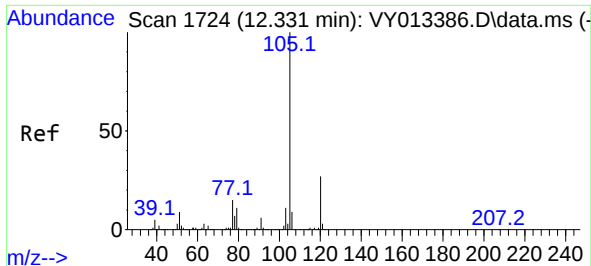
Tgt Ion:173 Resp: 119547
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion:152 Resp: 175563
Ion Ratio Lower Upper
152 100
115 58.4 28.1 84.2
150 174.8 0.0 352.0

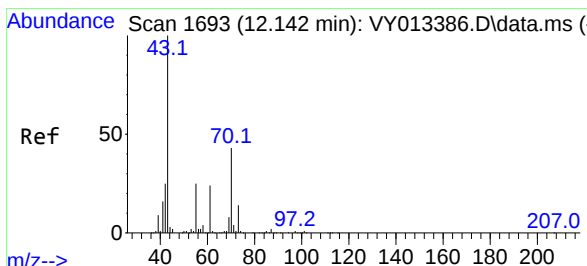
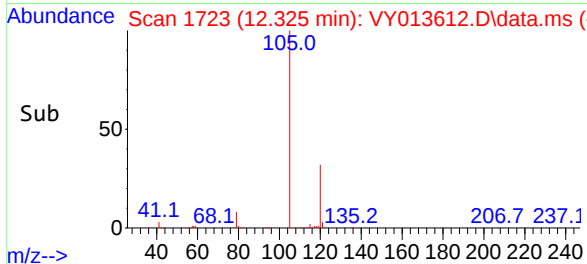
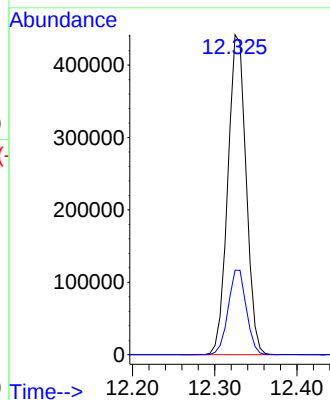
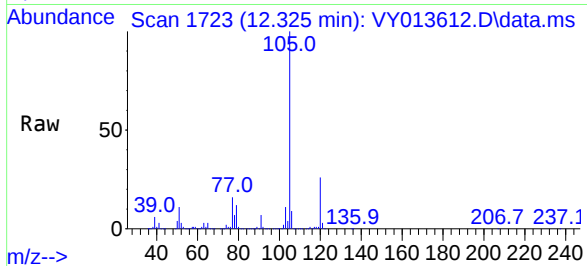




#73
Isopropylbenzene
Concen: 51.398 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

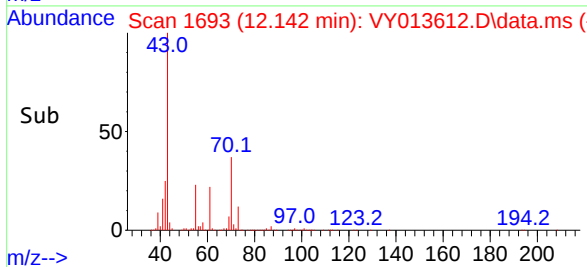
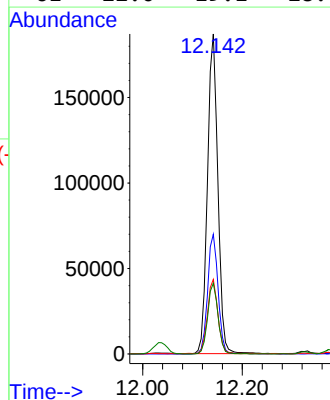
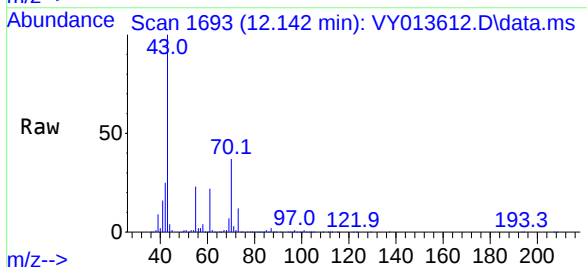
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

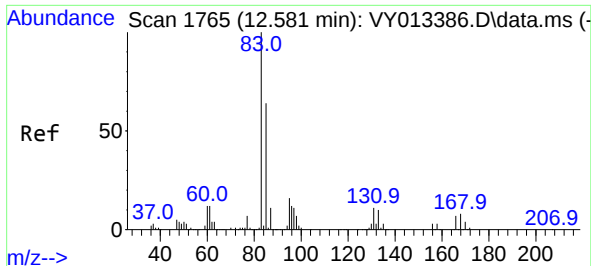
Tgt Ion:105 Resp: 682514
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0



#74
N-ethyl acetate
Concen: 57.255 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 43 Resp: 270555
Ion Ratio Lower Upper
43 100
70 37.6 33.0 49.4
55 23.6 19.8 29.6
61 22.0 19.1 28.7

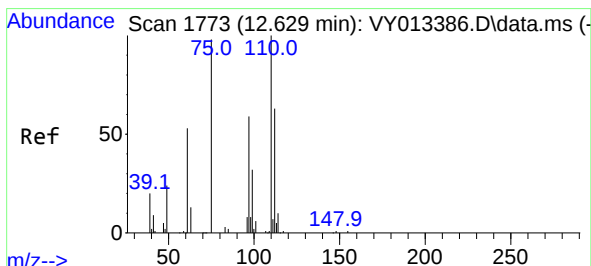
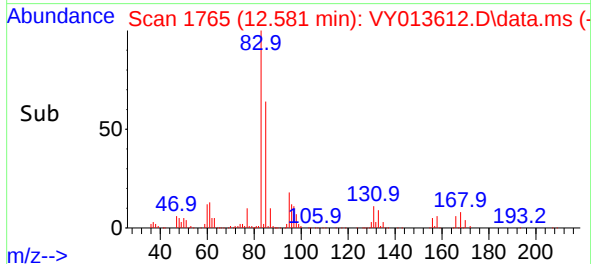
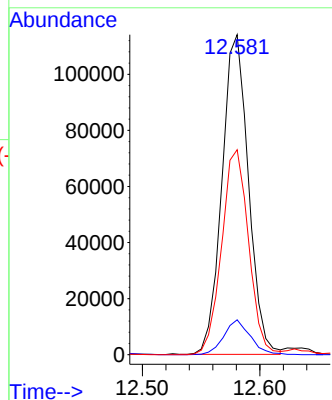
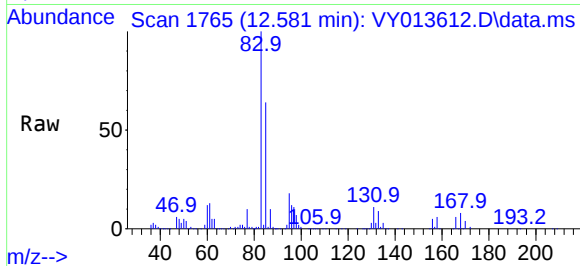




#75
1,1,2,2-Tetrachloroethane
Concen: 55.056 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

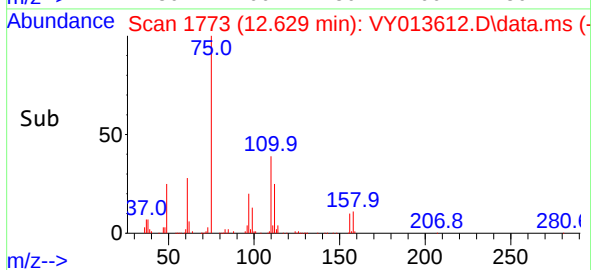
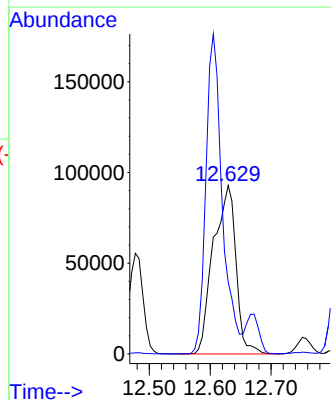
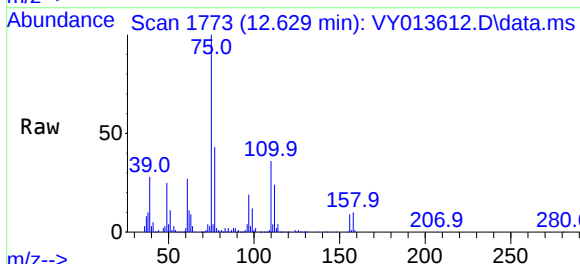
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

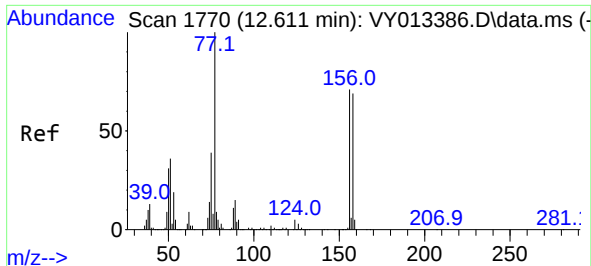
Tgt Ion: 83 Resp: 178697
Ion Ratio Lower Upper
83 100
131 10.9 5.7 17.0
85 65.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 101.353 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 75 Resp: 239972
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



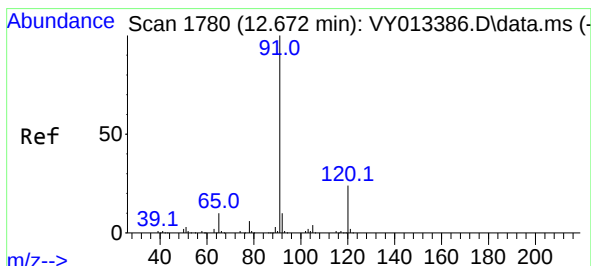
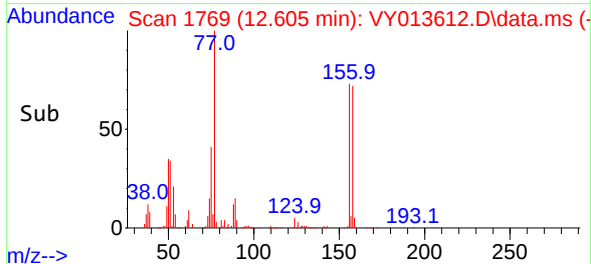
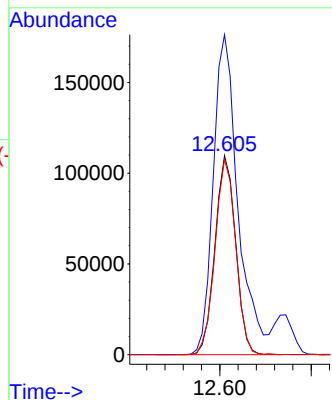
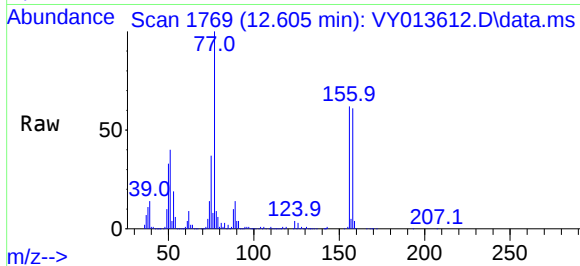


#77
 Bromobenzene
 Concen: 53.554 ug/l
 RT: 12.605 min Scan# 1770
 Delta R.T. -0.006 min
 Lab File: VY013612.D
 Acq: 04 May 2023 19:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:156 Resp: 172313

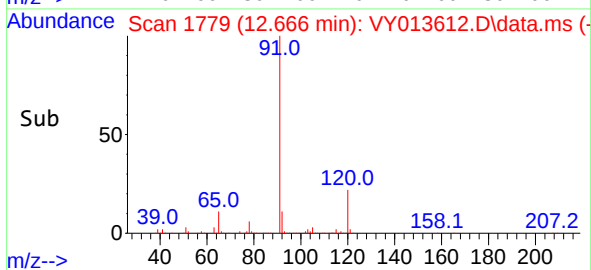
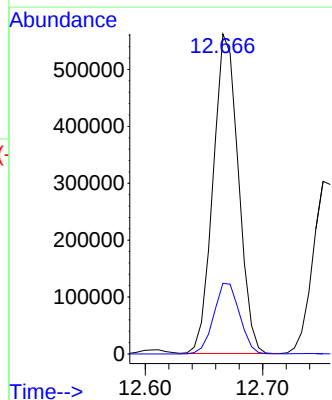
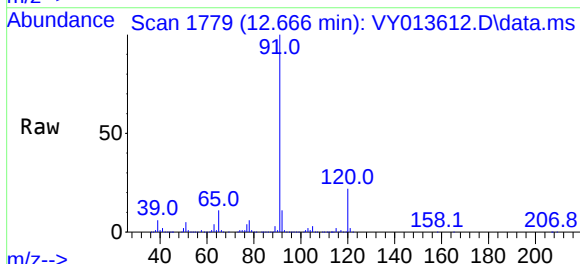
Ion	Ratio	Lower	Upper
156	100		
77	190.1	87.6	262.9
158	98.3	48.5	145.5

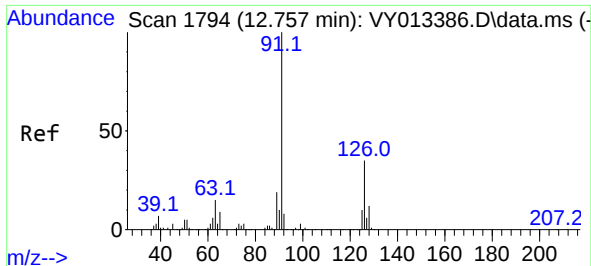


#78
 n-propylbenzene
 Concen: 51.310 ug/l
 RT: 12.666 min Scan# 1779
 Delta R.T. -0.006 min
 Lab File: VY013612.D
 Acq: 04 May 2023 19:56

Tgt Ion: 91 Resp: 839227

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.9	35.9

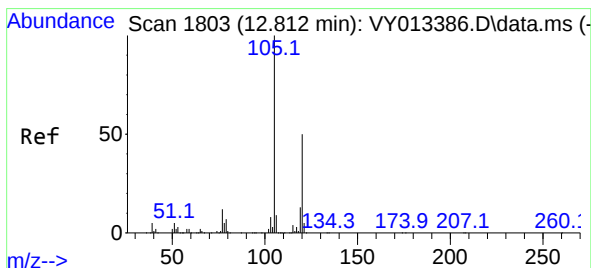
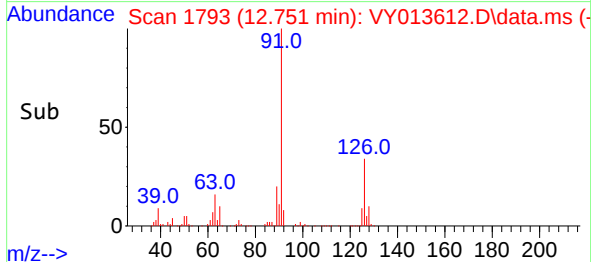
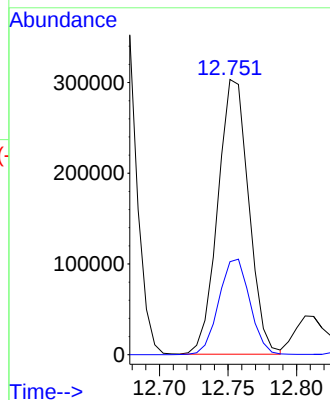
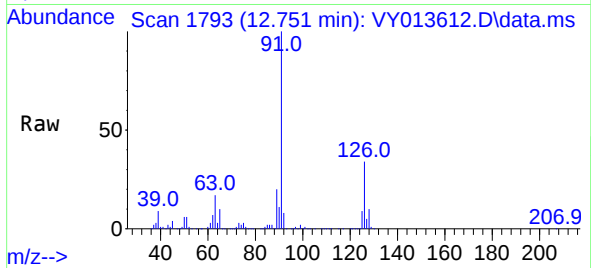




#79
2-Chlorotoluene
Concen: 52.130 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

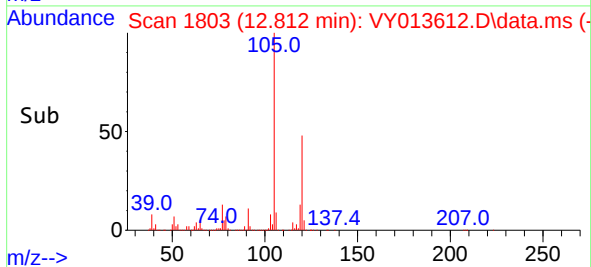
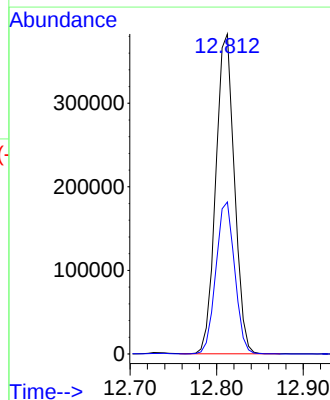
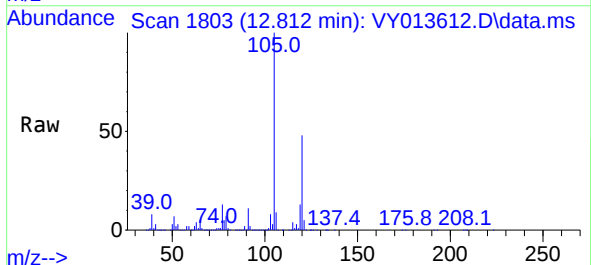
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

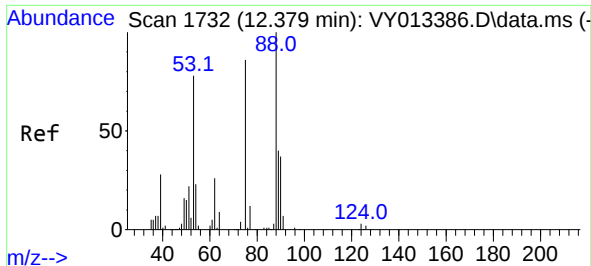
Tgt Ion: 91 Resp: 476142
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 52.634 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 105 Resp: 570457
Ion Ratio Lower Upper
105 100
120 48.1 24.7 74.1

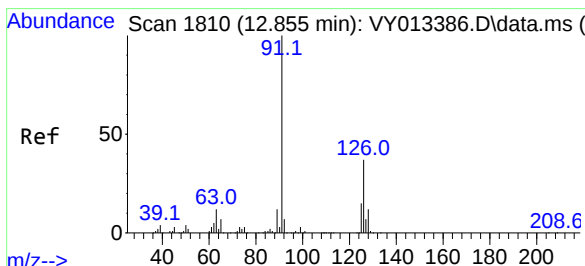
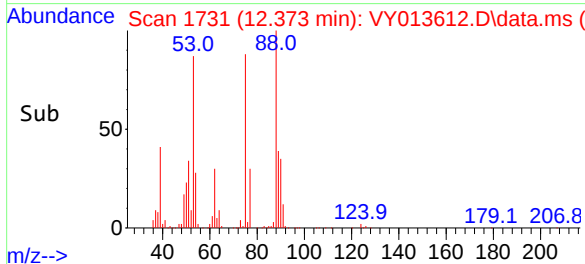
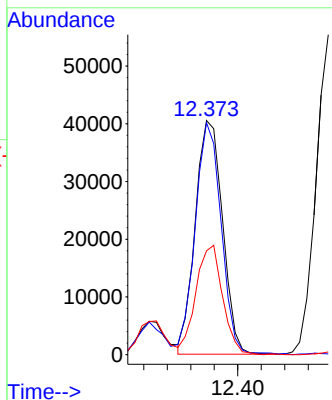
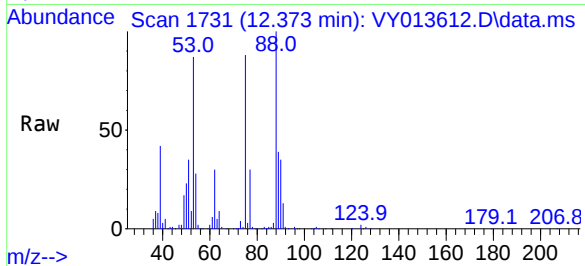




#81
trans-1,4-Dichloro-2-butene
Concen: 56.453 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

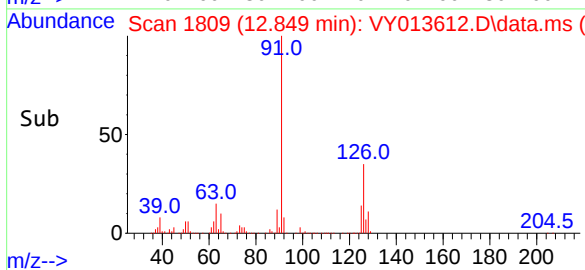
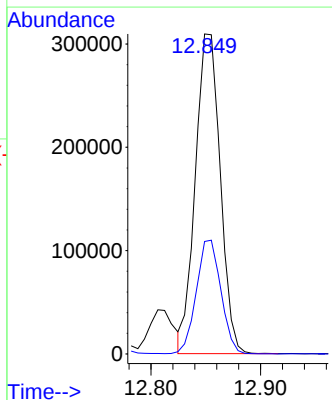
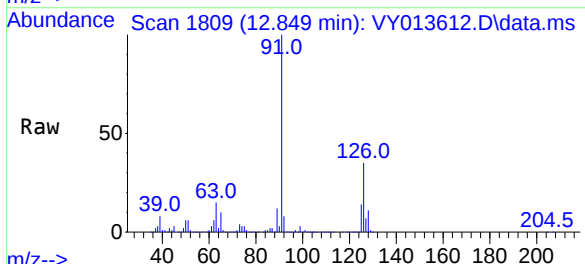
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

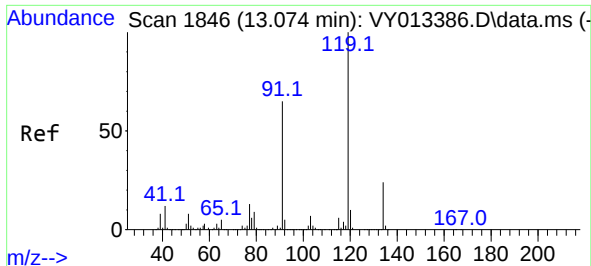
Tgt Ion: 75 Resp: 65343
Ion Ratio Lower Upper
75 100
53 95.6 73.2 109.8
89 45.9 38.0 57.0



#82
4-Chlorotoluene
Concen: 51.351 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 91 Resp: 488858
Ion Ratio Lower Upper
91 100
126 35.2 17.9 53.8

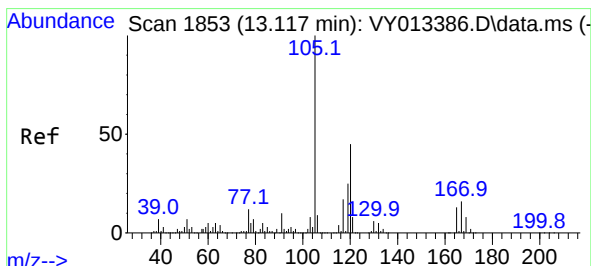
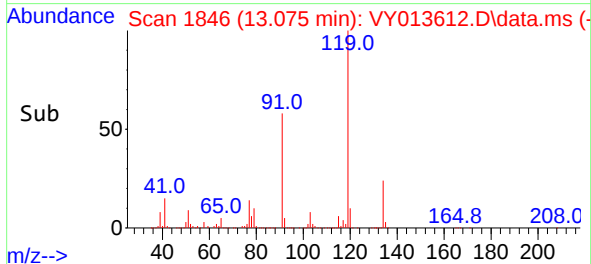
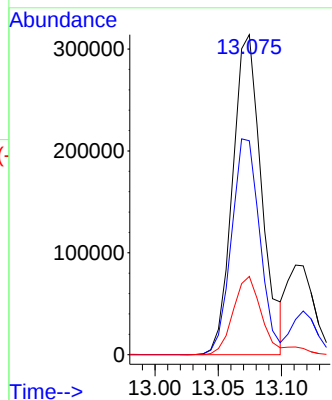
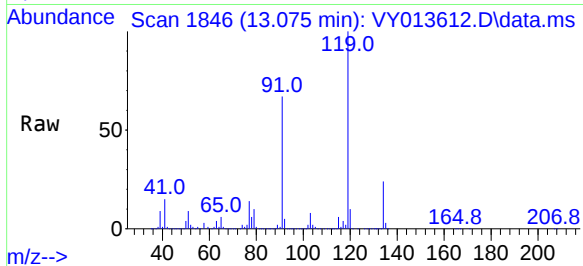




#83
tert-Butylbenzene
Concen: 53.548 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

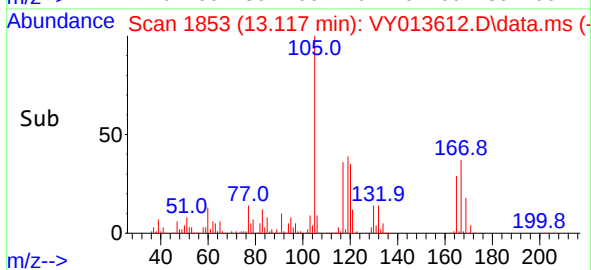
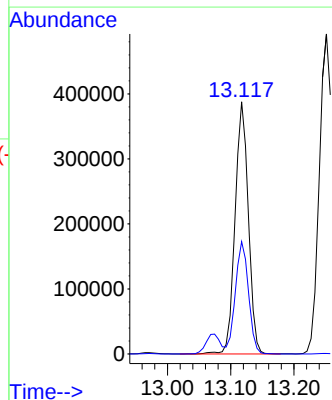
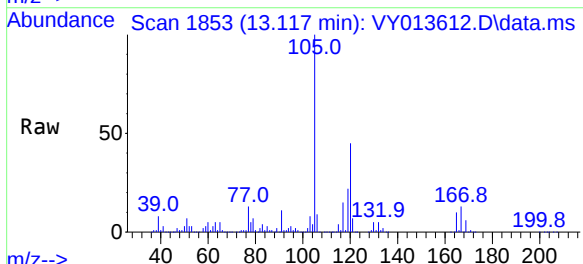
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

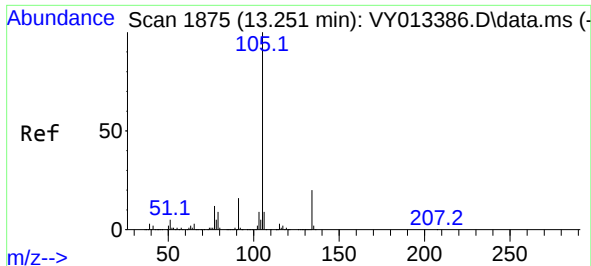
Tgt Ion:119 Resp: 502809
Ion Ratio Lower Upper
119 100
91 65.7 32.2 96.6
134 25.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 53.798 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion:105 Resp: 566887
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.9

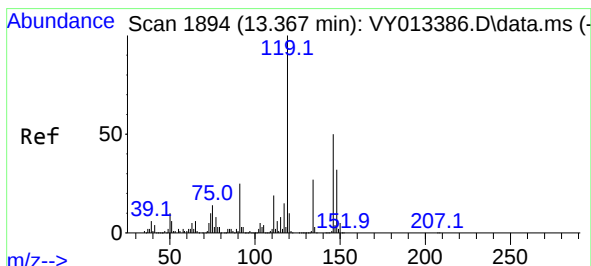
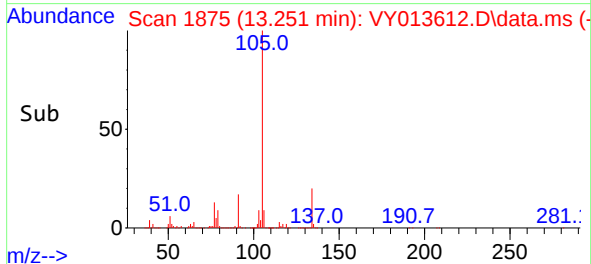
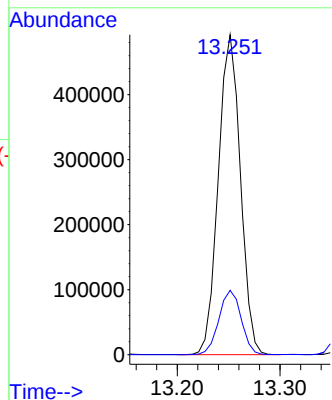
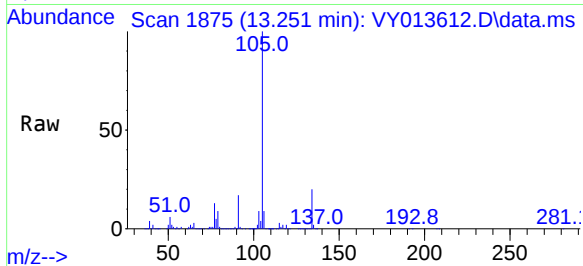




#85
 sec-Butylbenzene
 Concen: 52.082 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013612.D
 Acq: 04 May 2023 19:56

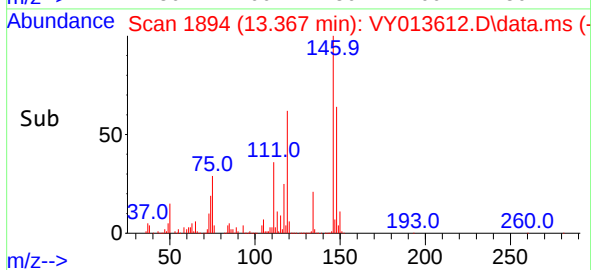
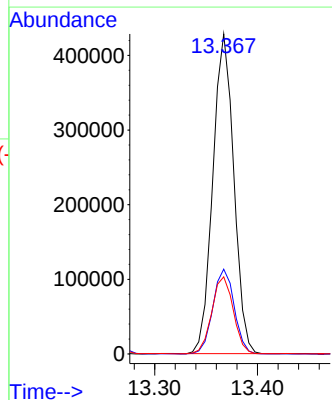
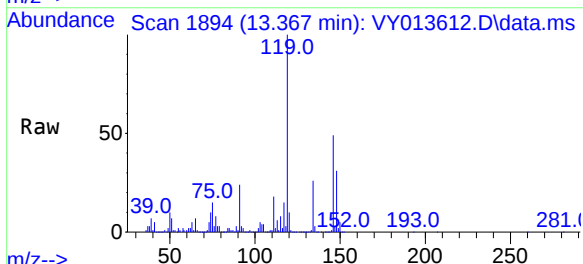
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

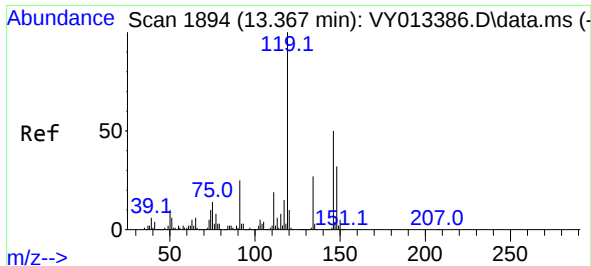
Tgt Ion:105 Resp: 733961
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 53.431 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013612.D
 Acq: 04 May 2023 19:56

Tgt Ion:119 Resp: 605521
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.153 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013612.D

Acq: 04 May 2023 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

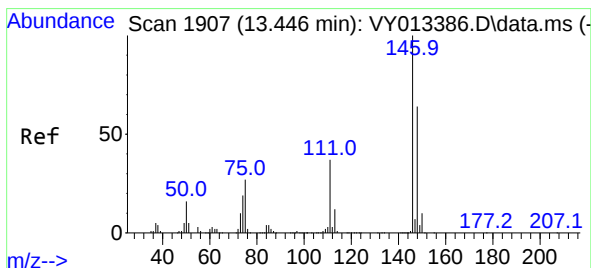
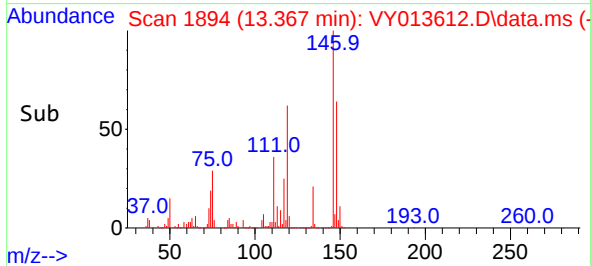
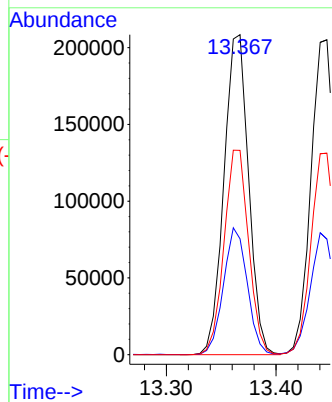
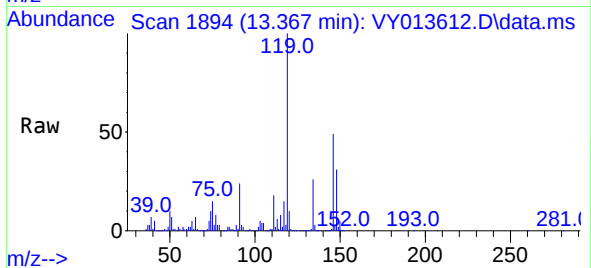
Tgt Ion:146 Resp: 325824

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.9

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 52.415 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013612.D

Acq: 04 May 2023 19:56

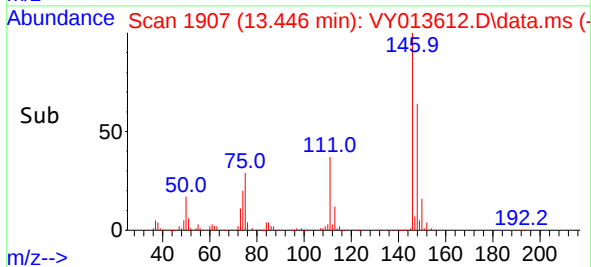
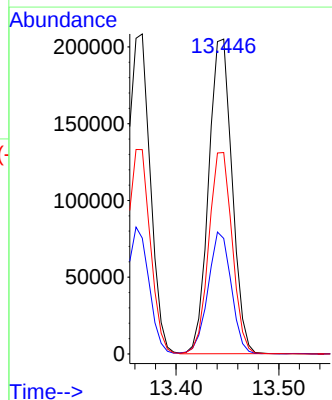
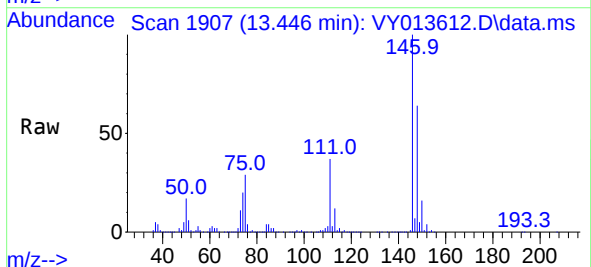
Tgt Ion:146 Resp: 324566

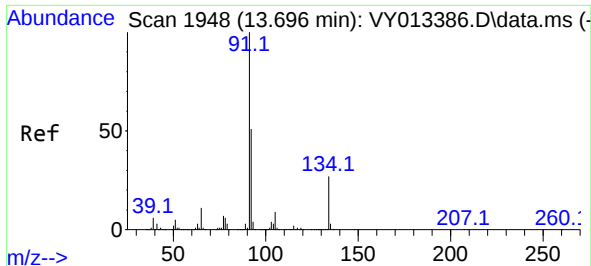
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.5

148 64.2 31.9 95.5

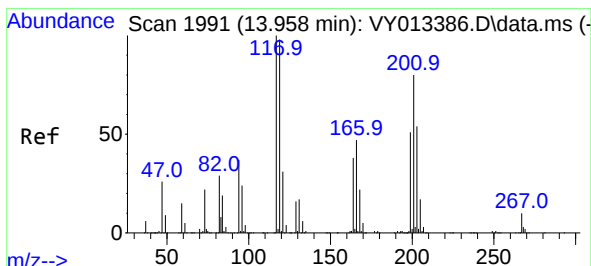
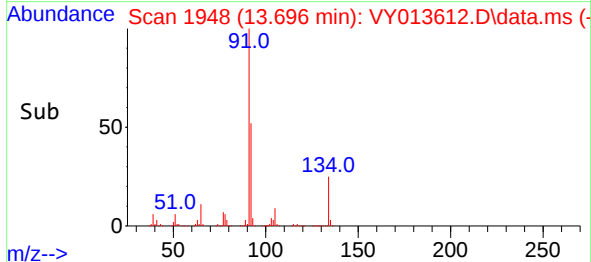
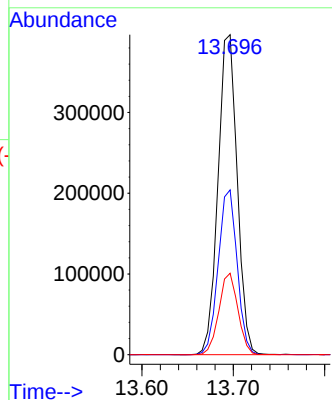
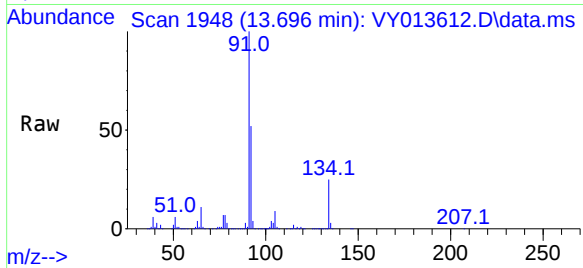




#89
n-Butylbenzene
Concen: 52.436 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

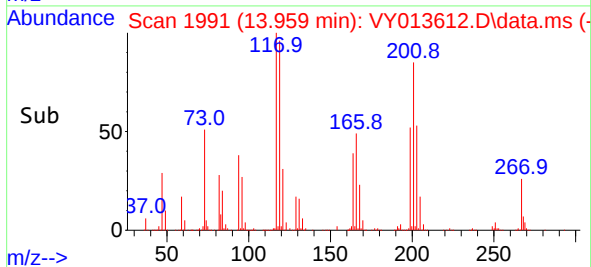
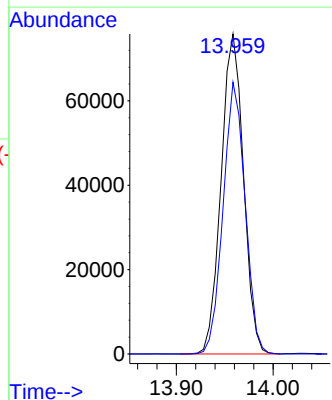
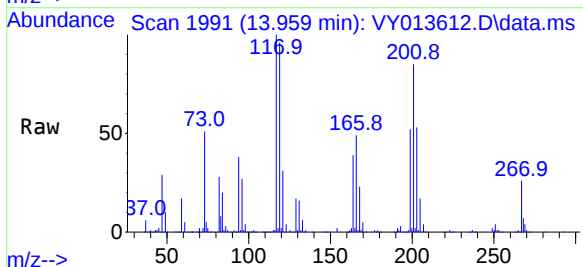
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

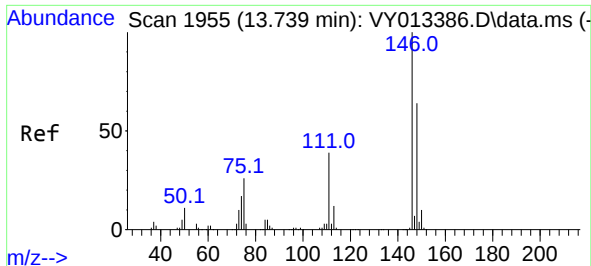
Tgt Ion: 91 Resp: 579998
Ion Ratio Lower Upper
91 100
92 50.8 25.8 77.3
134 25.2 13.5 40.4



#90
Hexachloroethane
Concen: 51.027 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion: 117 Resp: 121707
Ion Ratio Lower Upper
117 100
201 83.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 54.386 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013612.D

Acq: 04 May 2023 19:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

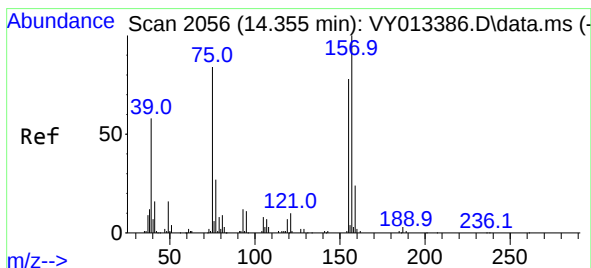
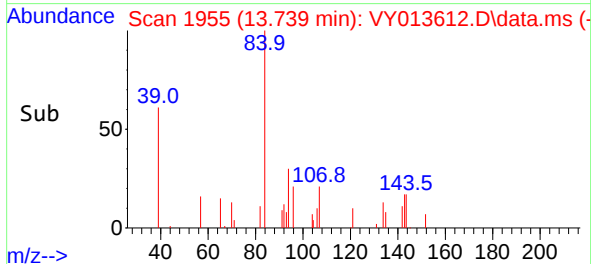
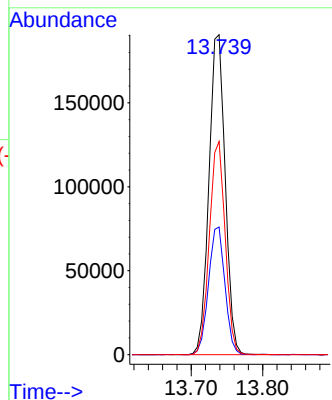
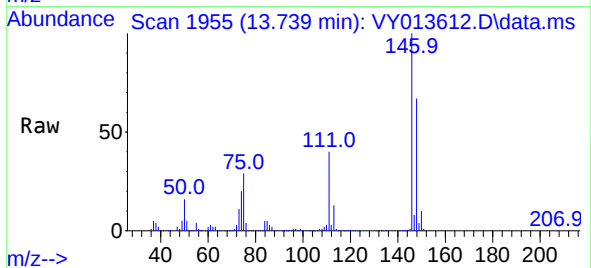
Tgt Ion:146 Resp: 301053

Ion Ratio Lower Upper

146 100

111 40.3 19.8 59.4

148 64.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 62.878 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013612.D

Acq: 04 May 2023 19:56

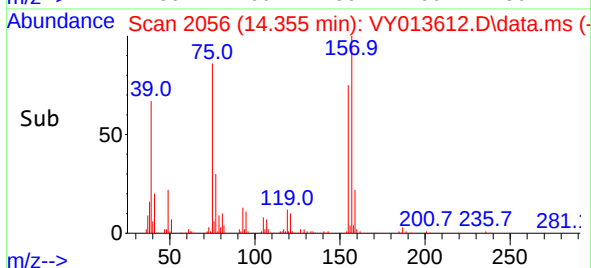
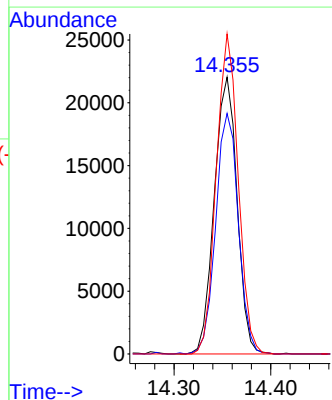
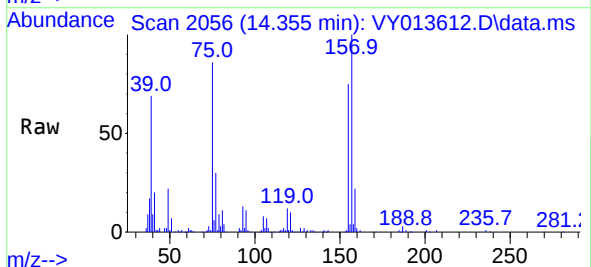
Tgt Ion: 75 Resp: 36044

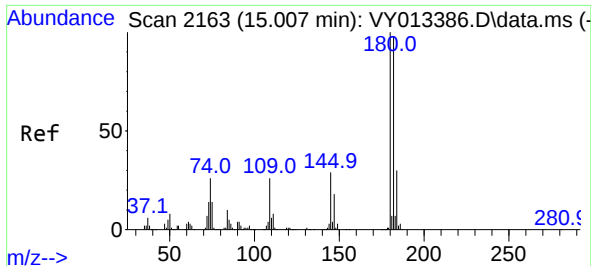
Ion Ratio Lower Upper

75 100

155 86.2 44.6 134.0

157 111.0 57.6 172.7

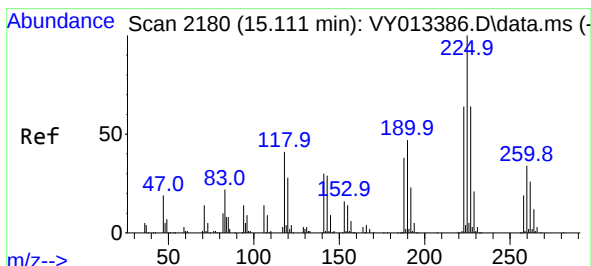
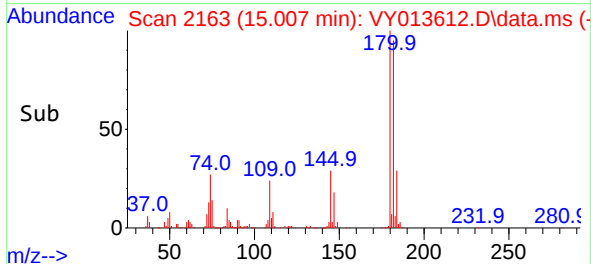
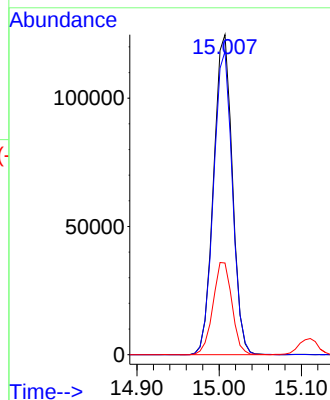
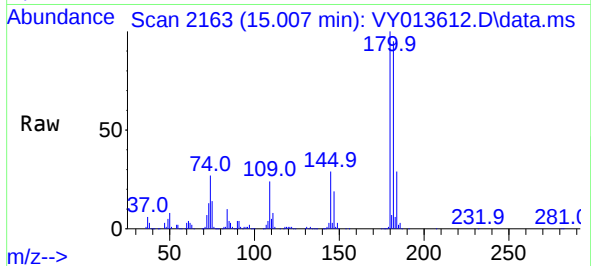




#93
1,2,4-Trichlorobenzene
Concen: 59.773 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

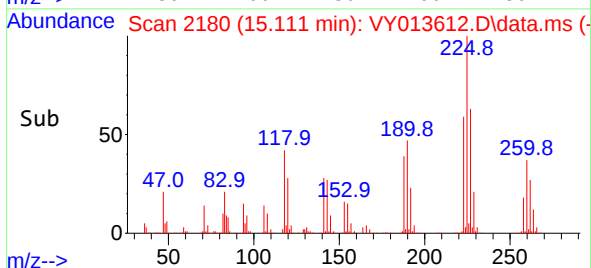
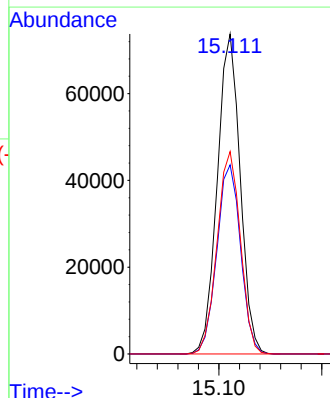
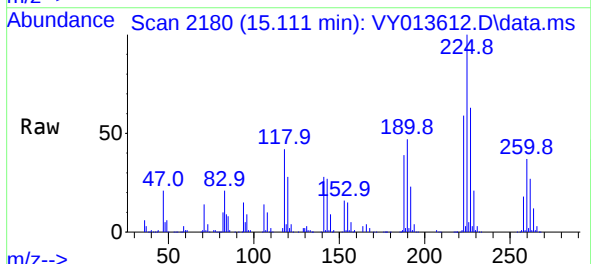
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

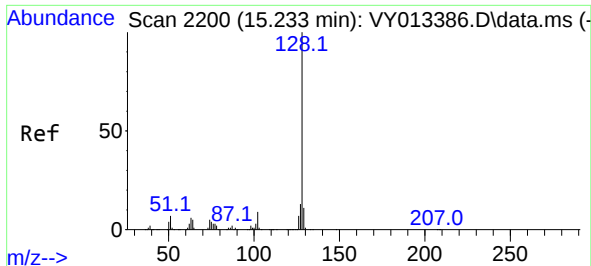
Tgt Ion:180 Resp: 197269
Ion Ratio Lower Upper
180 100
182 95.3 48.5 145.5
145 29.2 15.0 45.0



#94
Hexachlorobutadiene
Concen: 59.301 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion:225 Resp: 113901
Ion Ratio Lower Upper
225 100
223 61.3 31.4 94.2
227 64.4 32.0 96.0

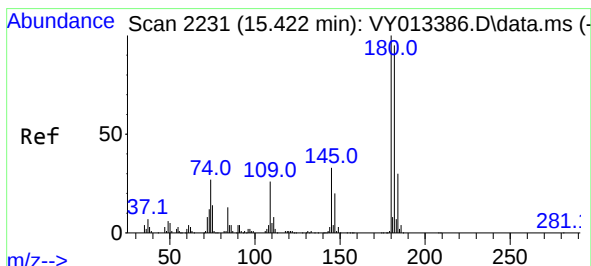
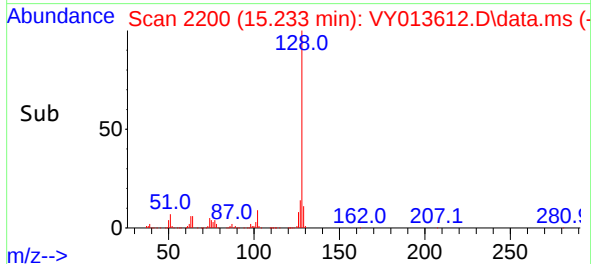
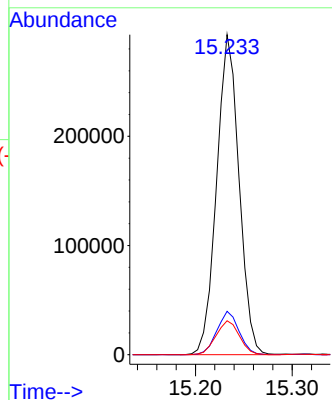
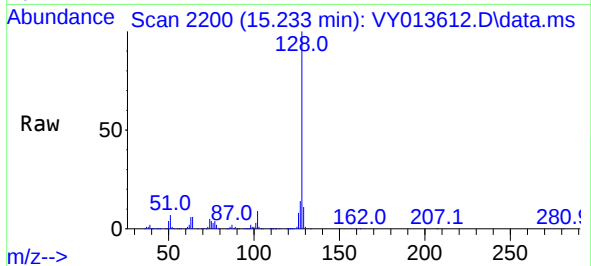




#95
Naphthalene
Concen: 65.754 ug/l
RT: 15.233 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 470849
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 62.440 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013612.D
Acq: 04 May 2023 19:56

Tgt Ion:180 Resp: 183671
Ion Ratio Lower Upper
180 100
182 95.8 47.1 141.3
145 30.8 15.9 47.7

