

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013887.D
 Acq On : 25 May 2023 20:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 26 04:36:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	227441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	355754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	324565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	134589	51.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.300%
35) Dibromofluoromethane	7.722	113	114415	49.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.185	98	418390	47.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.483	95	147572	50.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	114192	54.812	ug/l	96
3) Chloromethane	2.113	50	136021	53.592	ug/l	100
4) Vinyl Chloride	2.253	62	135229	52.100	ug/l	98
5) Bromomethane	2.662	94	108510	52.608	ug/l	98
6) Chloroethane	2.802	64	87285	51.608	ug/l	99
7) Trichlorofluoromethane	3.137	101	225624	51.650	ug/l	98
8) Diethyl Ether	3.534	74	72135	53.837	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	121034	51.111	ug/l	98
10) Methyl Iodide	4.101	142	136031	48.387	ug/l	97
11) Tert butyl alcohol	4.985	59	50568	250.867	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	115262	51.809	ug/l	97
13) Acrolein	3.741	56	75577	249.260	ug/l	97
14) Allyl chloride	4.491	41	203453	50.092	ug/l	99
15) Acrylonitrile	5.174	53	186645	271.686	ug/l	98
16) Acetone	3.960	43	168748	216.078	ug/l	99
17) Carbon Disulfide	4.204	76	351481	52.928	ug/l	100
18) Methyl Acetate	4.485	43	139937	51.649	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	326246	53.735	ug/l	99
20) Methylene Chloride	4.723	84	176208	64.365	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	127064	52.541	ug/l	95
22) Diisopropyl ether	6.125	45	427226	54.479	ug/l	99
23) Vinyl Acetate	6.070	43	1263176	276.557	ug/l	99
24) 1,1-Dichloroethane	6.027	63	240033	52.430	ug/l	99
25) 2-Butanone	6.997	43	238589	250.368	ug/l	98
26) 2,2-Dichloropropane	6.990	77	200795	48.692	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	145202	53.447	ug/l	99
28) Bromochloromethane	7.344	49	62216	46.300	ug/l	100
29) Tetrahydrofuran	7.356	42	157599	276.997	ug/l	99
30) Chloroform	7.515	83	252356	54.369	ug/l	100
31) Cyclohexane	7.795	56	198858	49.189	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	221475	52.305	ug/l	98
36) 1,1-Dichloropropene	7.923	75	180082	51.461	ug/l	99
37) Ethyl Acetate	7.082	43	113314	53.085	ug/l	98
38) Carbon Tetrachloride	7.911	117	205232	51.571	ug/l	99
39) Methylcyclohexane	9.191	83	204753	49.962	ug/l	98
40) Benzene	8.167	78	530140	52.746	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	54762	47.020	ug/l	96
42) 1,2-Dichloroethane	8.240	62	180117	54.733	ug/l	99
43) Isopropyl Acetate	8.277	43	202928	52.170	ug/l	98
44) Trichloroethene	8.947	130	138451	51.130	ug/l	97
45) 1,2-Dichloropropane	9.222	63	135627	52.675	ug/l	98
46) Dibromomethane	9.307	93	80090	54.313	ug/l	99
47) Bromodichloromethane	9.502	83	193081	53.729	ug/l	99
48) Methyl methacrylate	9.295	41	95586	52.332	ug/l	95
49) 1,4-Dioxane	9.319	88	19101	1102.181	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	563465	271.821	ug/l	99
52) Toluene	10.246	92	330049	53.857	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	194674	53.219	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	214624	52.373	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	108408	54.646	ug/l	97
56) Ethyl methacrylate	10.514	69	146005	55.134	ug/l	100
57) 1,3-Dichloropropane	10.795	76	182114	53.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	198532	234.956	ug/l	99
59) 2-Hexanone	10.831	43	387956	263.110	ug/l	100
60) Dibromochloromethane	10.990	129	135371	53.944	ug/l	100
61) 1,2-Dibromoethane	11.093	107	104071	55.146	ug/l	100
64) Tetrachloroethene	10.721	164	123091	51.257	ug/l	97
65) Chlorobenzene	11.520	112	349789	51.421	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	138275	52.667	ug/l	99
67) Ethyl Benzene	11.593	91	637490	52.076	ug/l	98
68) m/p-Xylenes	11.703	106	483685	104.407	ug/l	100
69) o-Xylene	12.032	106	230244	52.762	ug/l	99
70) Styrene	12.044	104	396685	53.664	ug/l	99
71) Bromoform	12.209	173	89548	52.185	ug/l #	98
73) Isopropylbenzene	12.331	105	606406	50.903	ug/l	100
74) N-amyl acetate	12.142	43	183502	51.234	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	127549	51.721	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	168680	89.378	ug/l #	100
77) Bromobenzene	12.611	156	151889	51.963	ug/l	97
78) n-propylbenzene	12.672	91	752930	51.160	ug/l	99
79) 2-Chlorotoluene	12.758	91	417610	50.800	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	509728	51.836	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	43152	49.632	ug/l	96
82) 4-Chlorotoluene	12.855	91	433575	51.029	ug/l	99
83) tert-Butylbenzene	13.075	119	434036	50.678	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	510989	52.938	ug/l	99
85) sec-Butylbenzene	13.258	105	645147	50.710	ug/l	100
86) p-Isopropyltoluene	13.373	119	537778	51.143	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	286078	50.672	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	279619	49.748	ug/l	99
89) n-Butylbenzene	13.697	91	508327	50.411	ug/l	100
90) Hexachloroethane	13.965	117	108740	50.367	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	258510	51.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21616	50.031	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	154717	49.741	ug/l	99
94) Hexachlorobutadiene	15.111	225	94692	48.283	ug/l	99
95) Naphthalene	15.239	128	319436	47.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	139471	50.421	ug/l	100

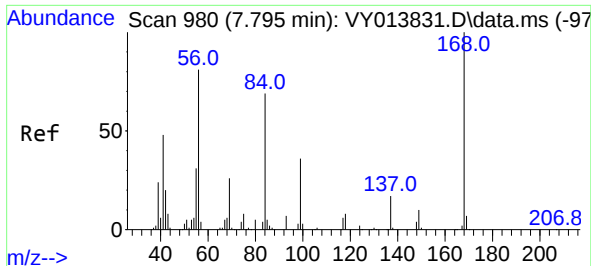
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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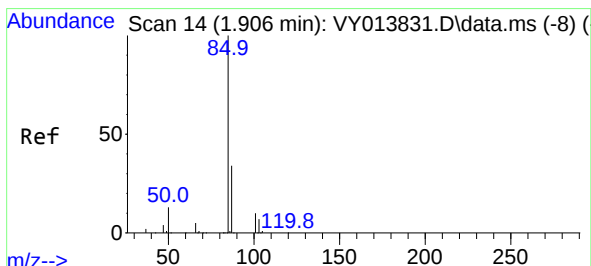
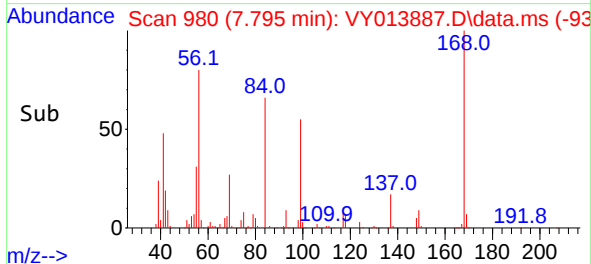
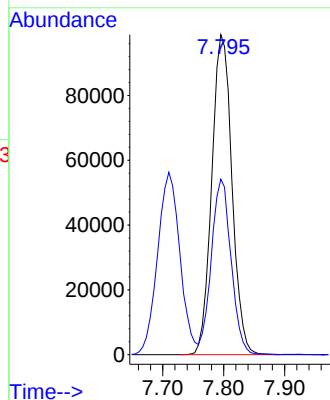
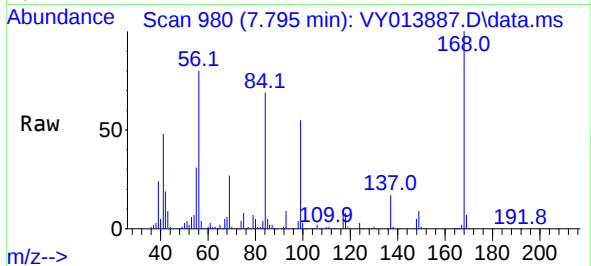
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013887.D
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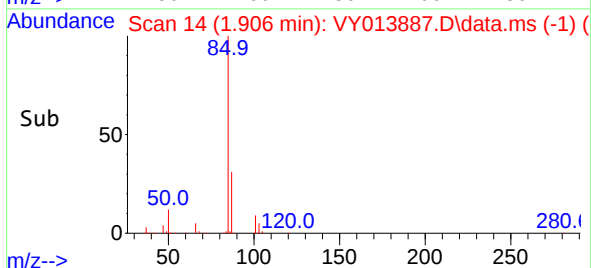
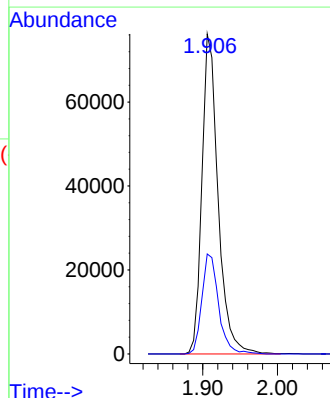
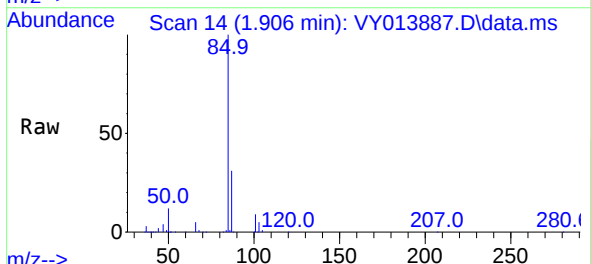
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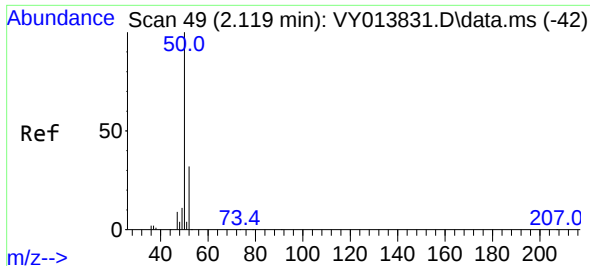
Tgt Ion:168 Resp: 227441
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 54.812 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 85 Resp: 114192
Ion Ratio Lower Upper
85 100
87 31.3 16.9 50.7

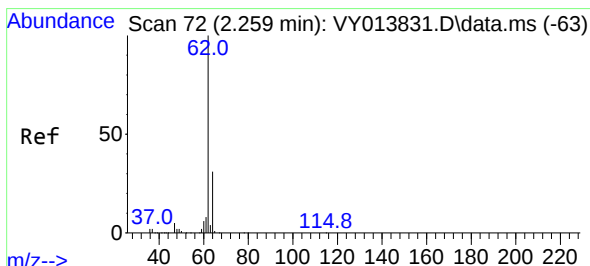
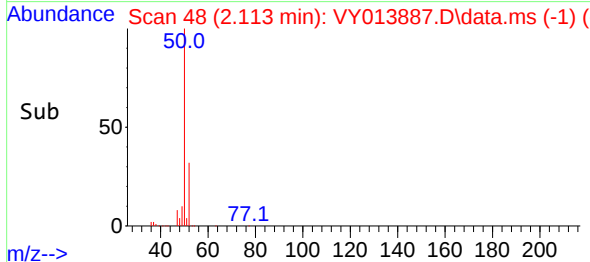
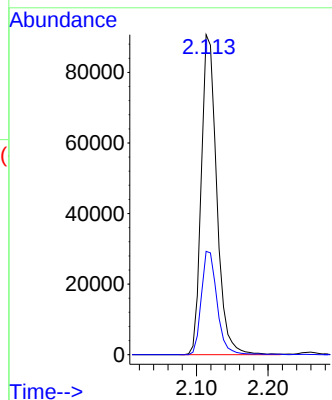
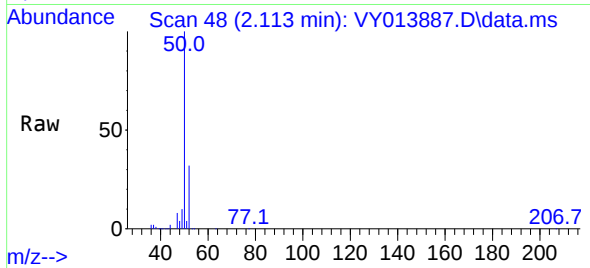




#3
Chloromethane
Concen: 53.592 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

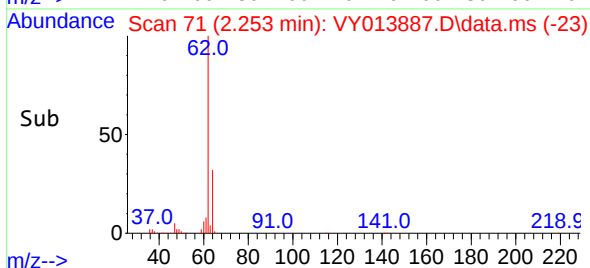
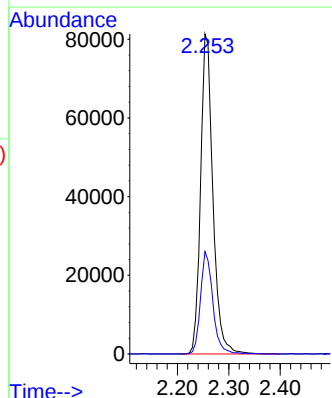
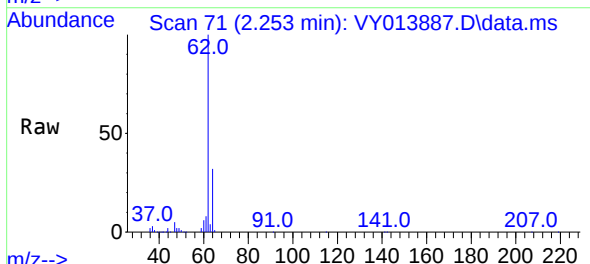
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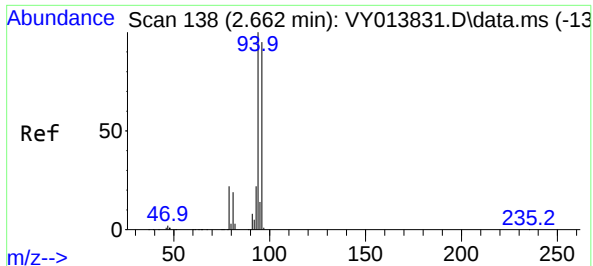
Tgt Ion: 50 Resp: 136021
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5



#4
Vinyl Chloride
Concen: 52.100 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 62 Resp: 135229
Ion Ratio Lower Upper
62 100
64 32.0 24.8 37.2

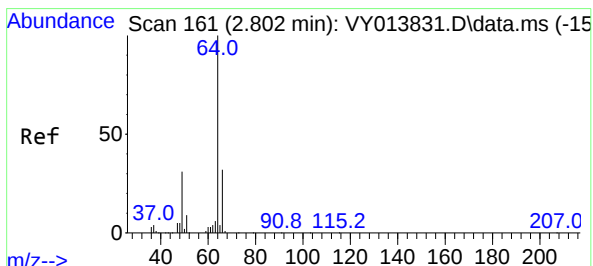
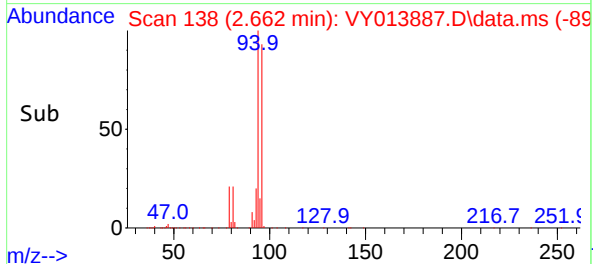
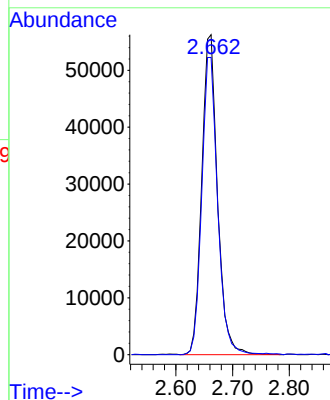
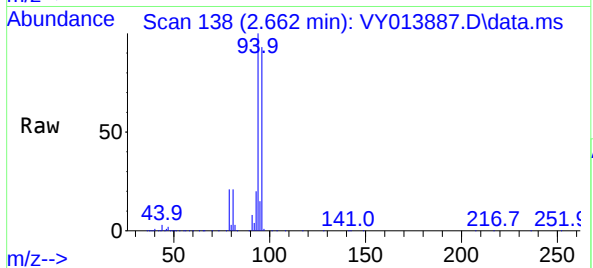




#5
Bromomethane
Concen: 52.608 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

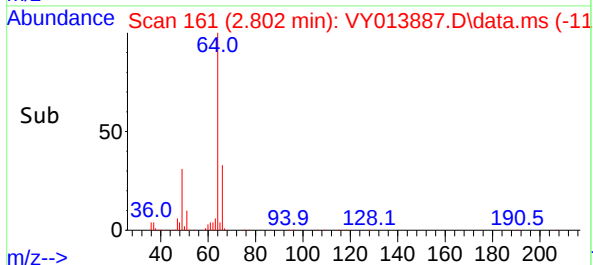
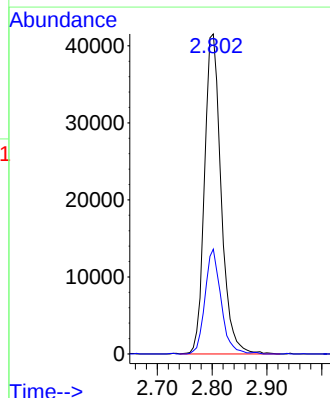
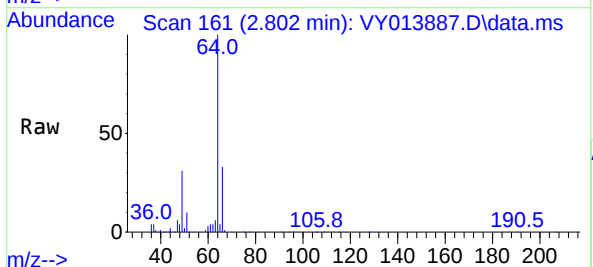
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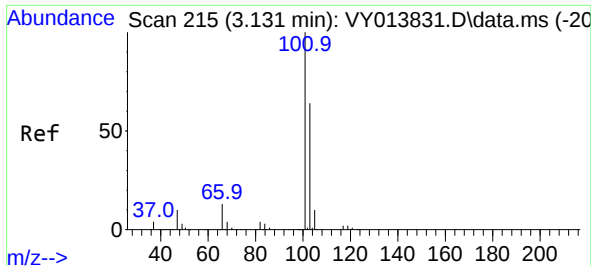
Tgt Ion: 94 Resp: 108510
Ion Ratio Lower Upper
94 100
96 92.9 76.2 114.2



#6
Chloroethane
Concen: 51.608 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 64 Resp: 87285
Ion Ratio Lower Upper
64 100
66 32.8 25.7 38.5

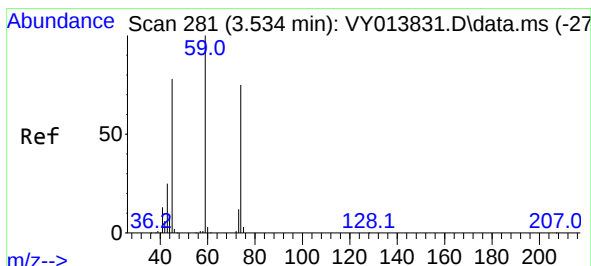
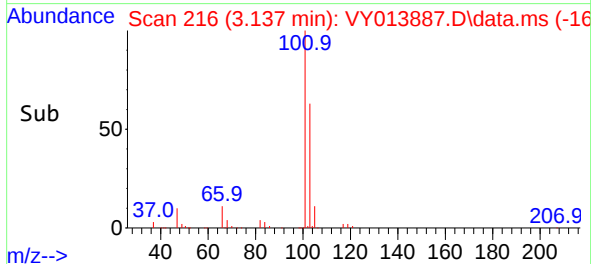
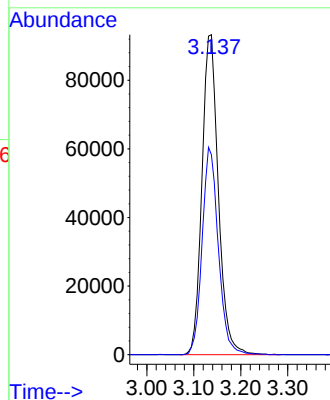
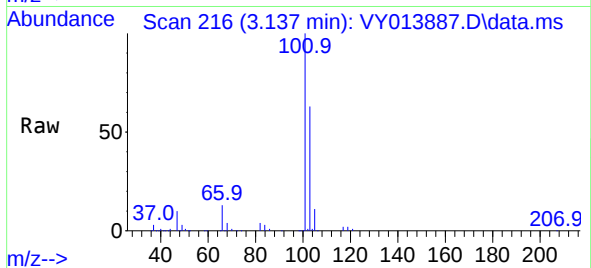




#7
Trichlorofluoromethane
Concen: 51.650 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

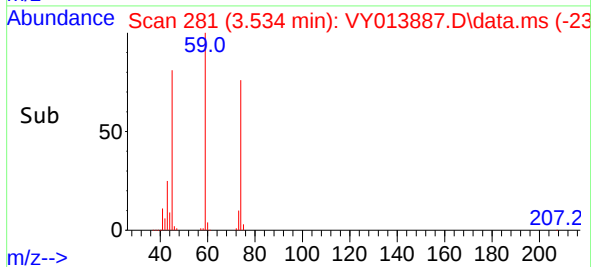
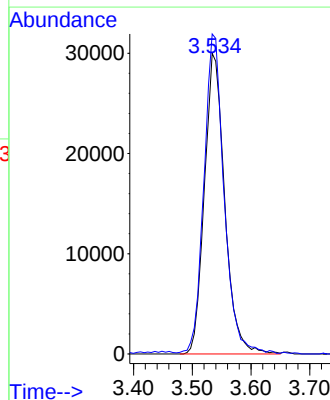
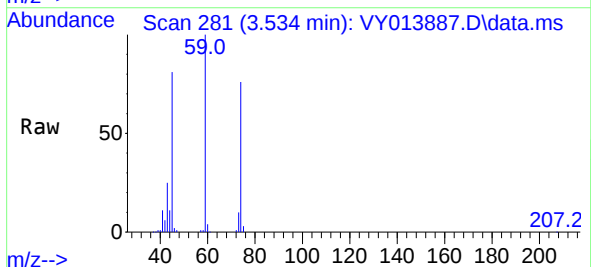
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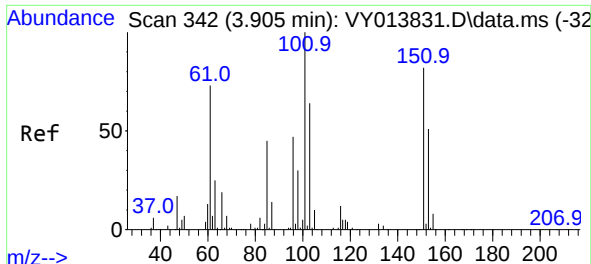
Tgt Ion:101 Resp: 225624
Ion Ratio Lower Upper
101 100
103 62.5 51.3 76.9



#8
Diethyl Ether
Concen: 53.837 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 74 Resp: 72135
Ion Ratio Lower Upper
74 100
45 104.8 51.8 155.5

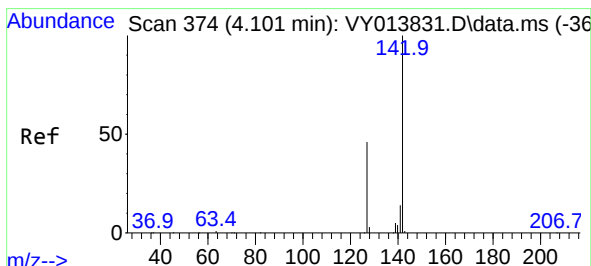
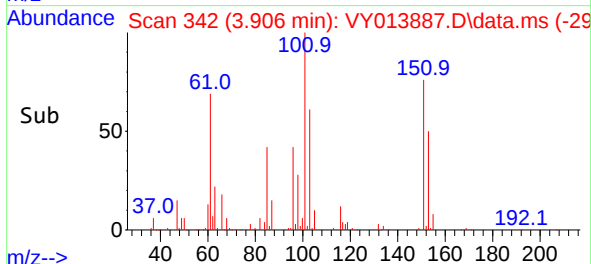
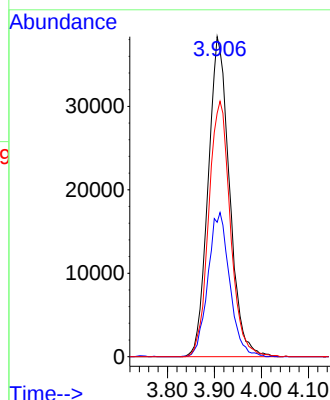
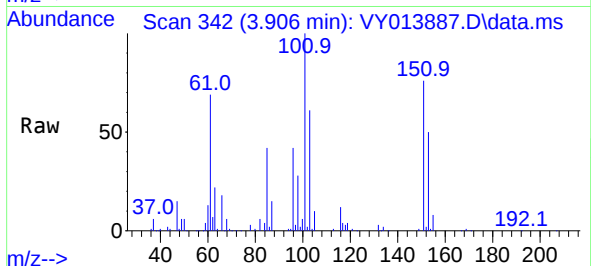




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.111 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY013887.D
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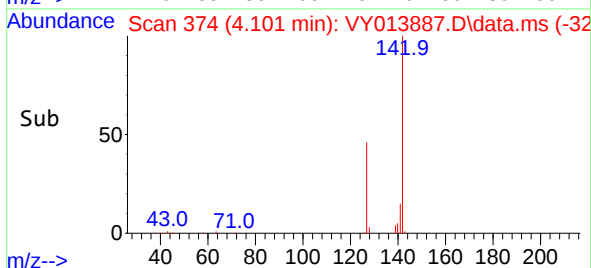
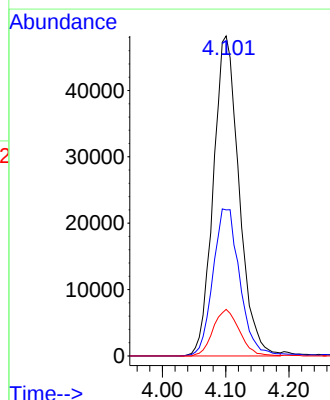
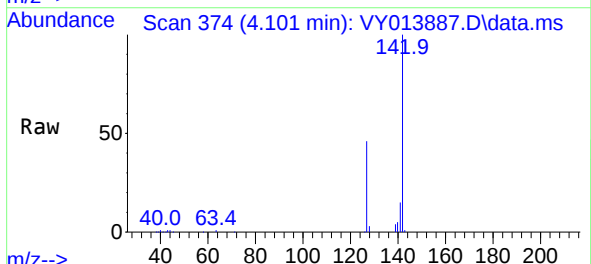
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

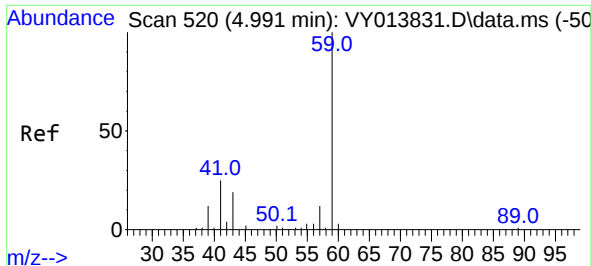
Tgt Ion:101 Resp: 121034
Ion Ratio Lower Upper
101 100
85 45.8 37.4 56.2
151 81.0 66.6 100.0



#10
Methyl Iodide
Concen: 48.387 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion:142 Resp: 136031
Ion Ratio Lower Upper
142 100
127 48.3 37.0 55.4
141 14.9 11.8 17.6





#11

Tert butyl alcohol

Concen: 250.867 ug/l

RT: 4.985 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

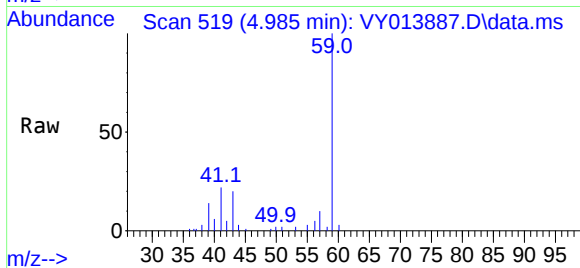
VSTDCCC050EC

Tgt Ion: 59 Resp: 50568

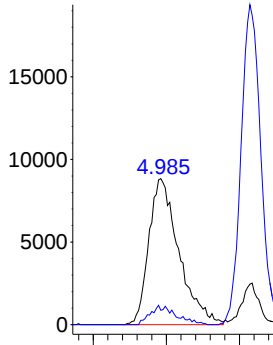
Ion Ratio Lower Upper

59 100

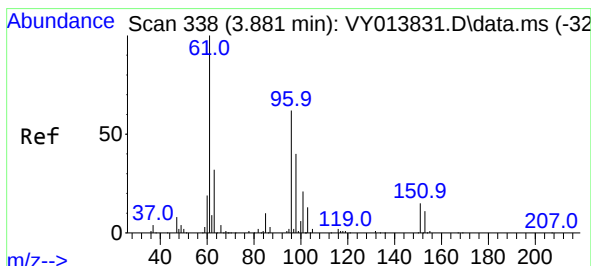
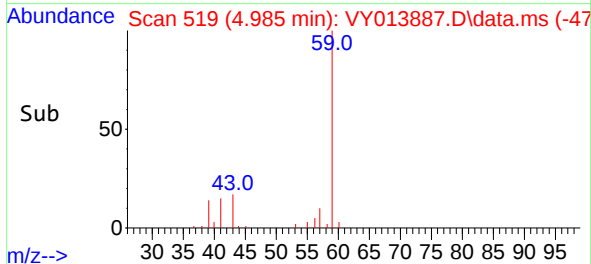
57 5.5 8.1 12.1#



Abundance



Time-->



#12

1,1-Dichloroethene

Concen: 51.809 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.000 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

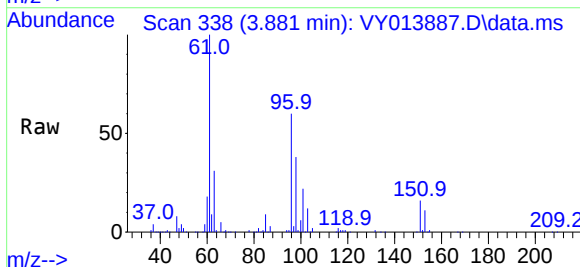
Tgt Ion: 96 Resp: 115262

Ion Ratio Lower Upper

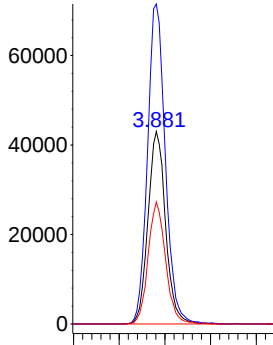
96 100

61 166.3 129.0 193.4

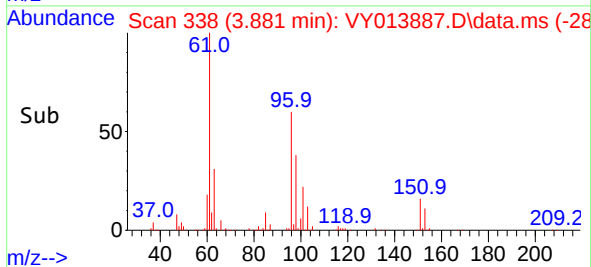
98 63.4 52.0 78.0

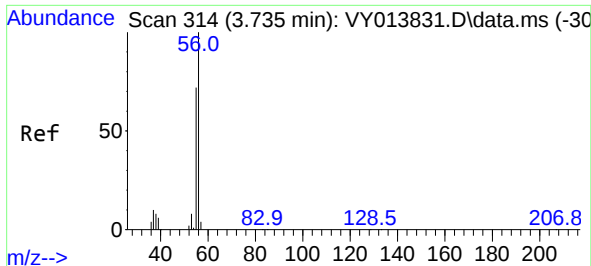


Abundance



Time-->

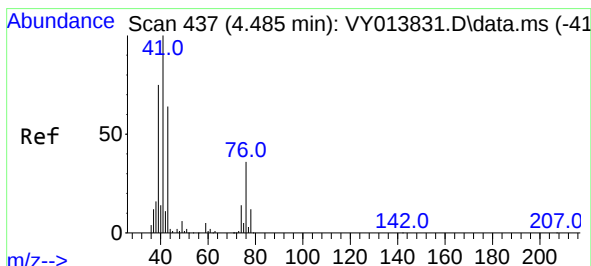
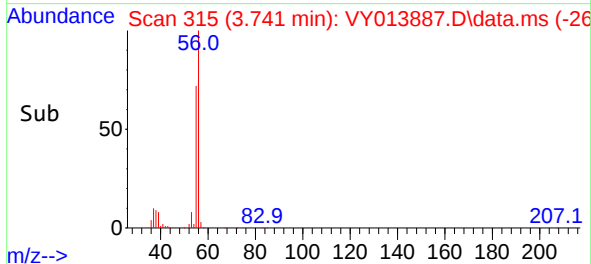
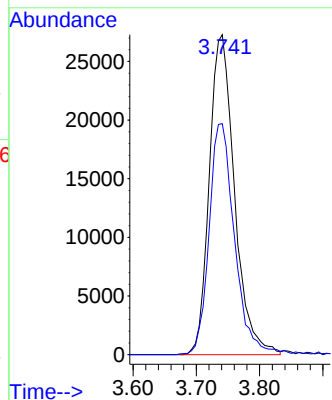
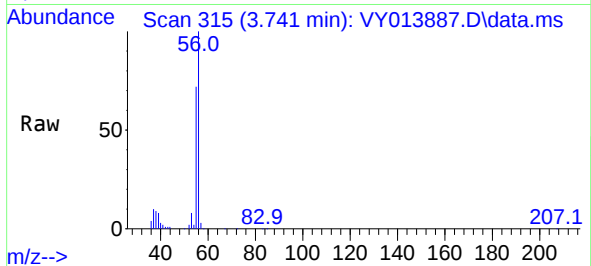




#13
Acrolein
Concen: 249.260 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

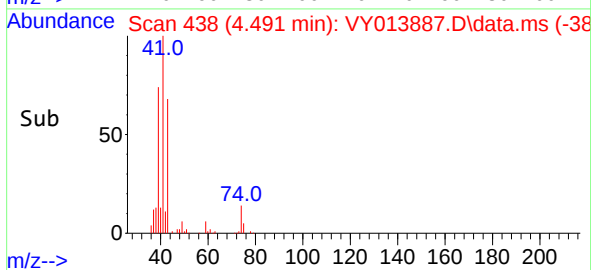
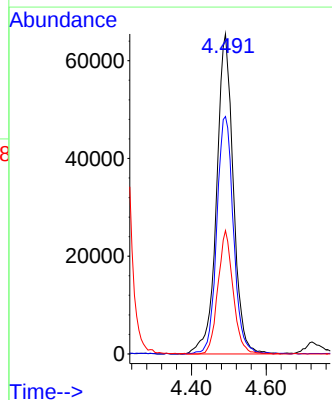
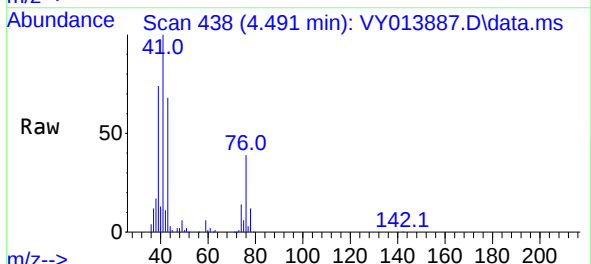
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

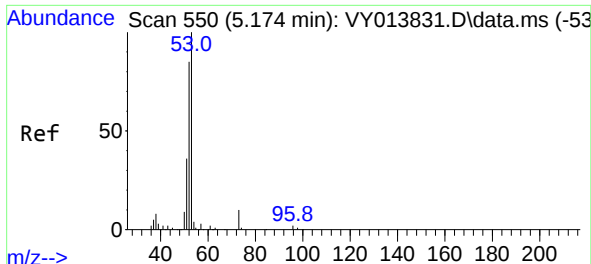
Tgt Ion: 56 Resp: 75577
Ion Ratio Lower Upper
56 100
55 72.8 56.2 84.2



#14
Allyl chloride
Concen: 50.092 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 41 Resp: 203453
Ion Ratio Lower Upper
41 100
39 73.7 58.3 87.5
76 34.9 28.0 42.0

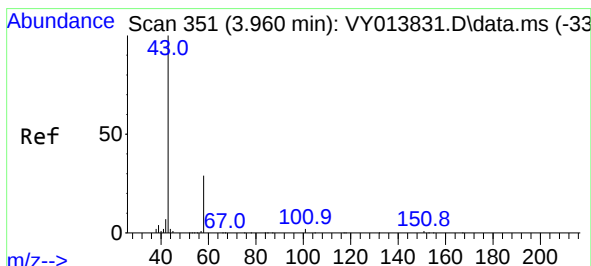
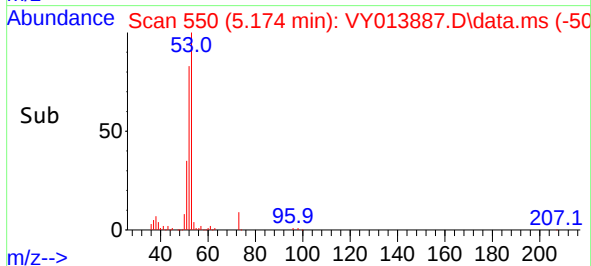
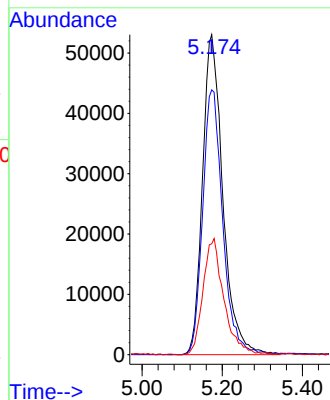
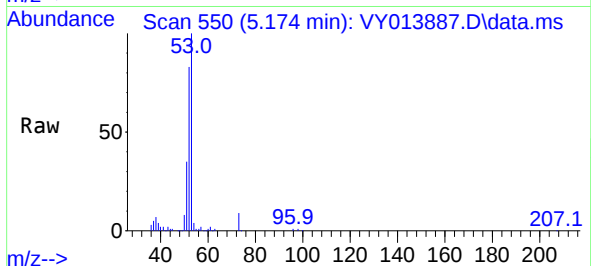




#15
Acrylonitrile
Concen: 271.686 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

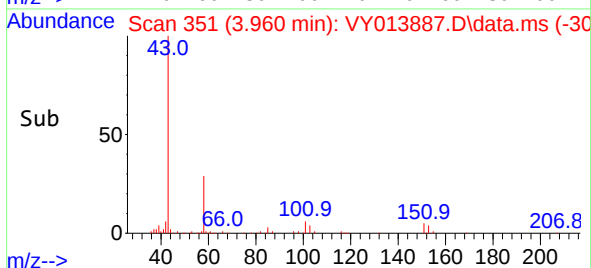
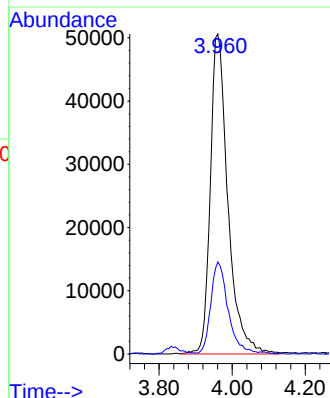
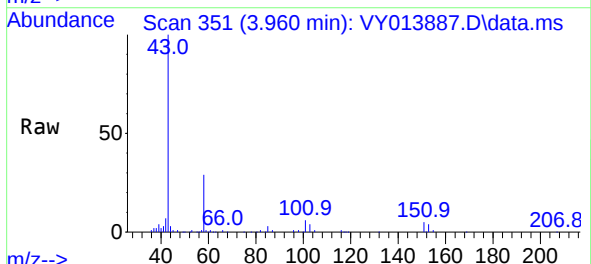
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

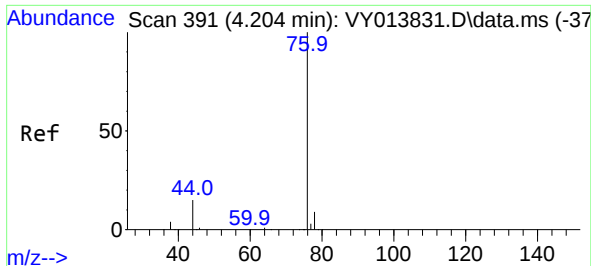
Tgt Ion: 53 Resp: 186645
Ion Ratio Lower Upper
53 100
52 81.8 67.2 100.8
51 37.2 30.2 45.2



#16
Acetone
Concen: 216.078 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 43 Resp: 168748
Ion Ratio Lower Upper
43 100
58 28.6 23.3 34.9

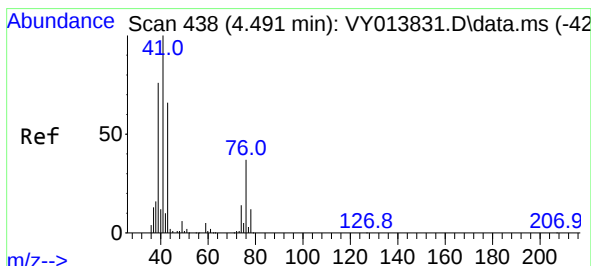
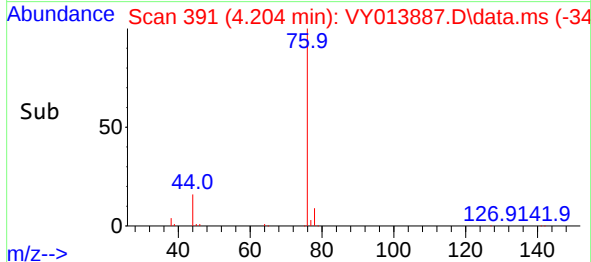
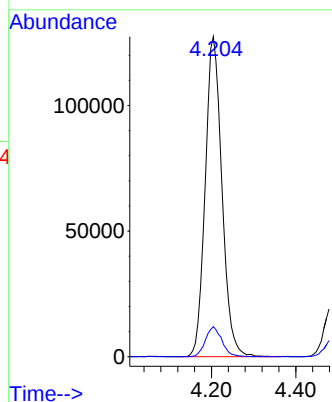
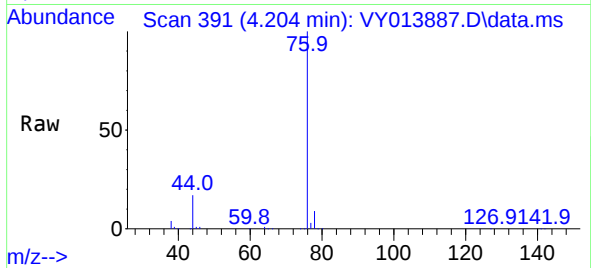




#17
Carbon Disulfide
Concen: 52.928 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

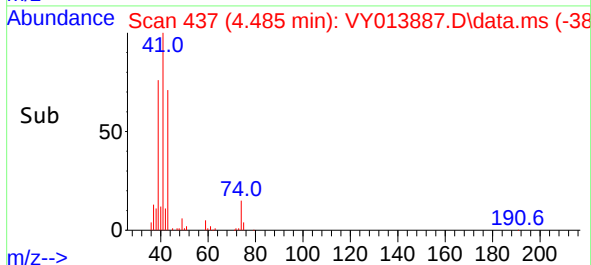
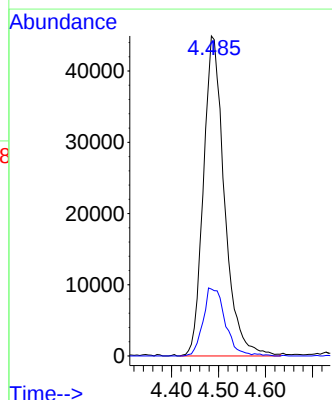
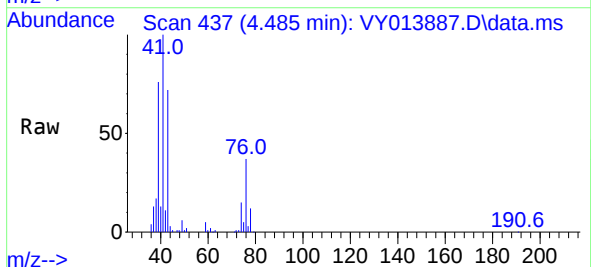
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

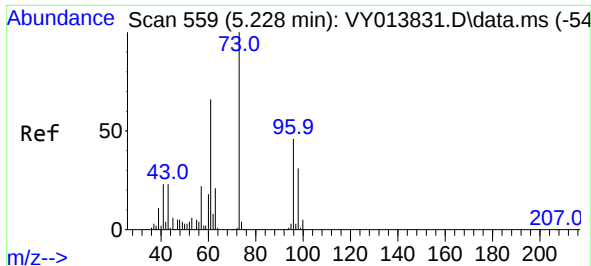
Tgt Ion: 76 Resp: 351481
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 51.649 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 43 Resp: 139937
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 53.735 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

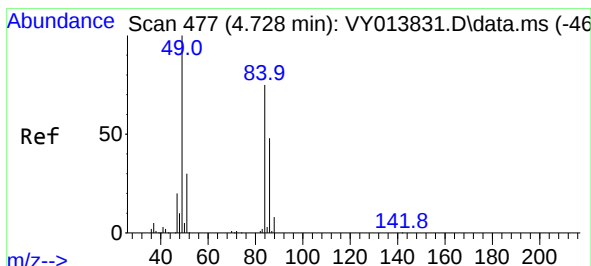
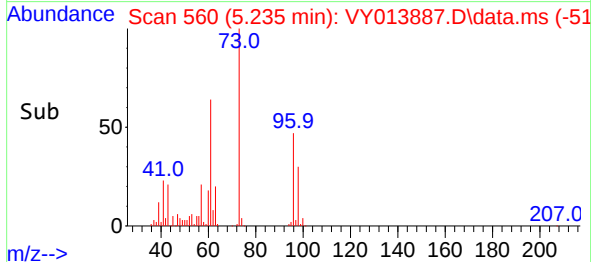
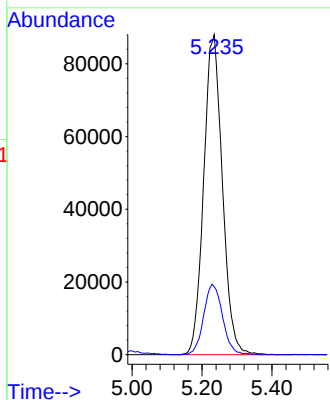
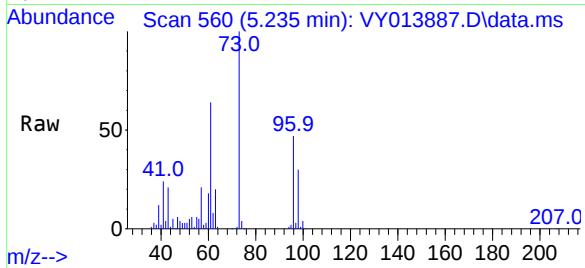
VSTDCCC050EC

Tgt Ion: 73 Resp: 326246

Ion Ratio Lower Upper

73 100

57 21.3 17.4 26.2



#20

Methylene Chloride

Concen: 64.365 ug/l

RT: 4.723 min Scan# 476

Delta R.T. -0.005 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Tgt Ion: 84 Resp: 176208

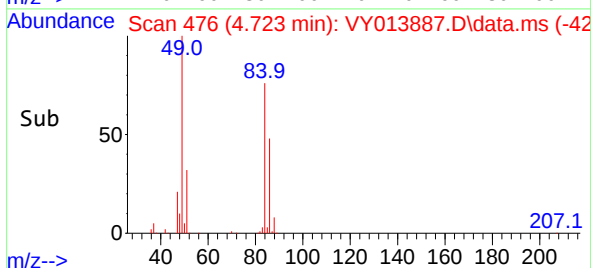
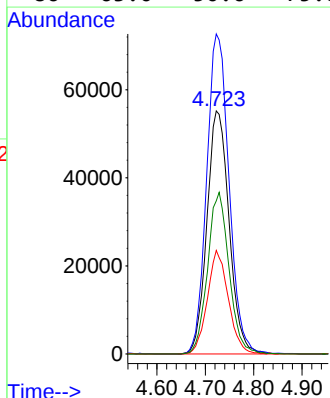
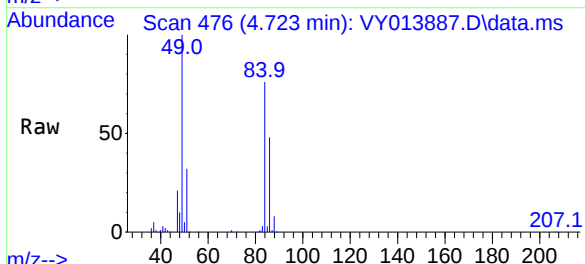
Ion Ratio Lower Upper

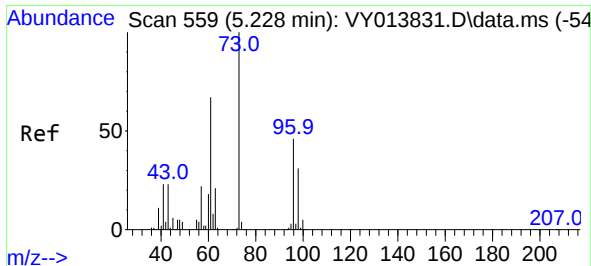
84 100

49 131.7 106.2 159.2

51 42.6 31.4 47.0

86 63.0 50.6 75.8

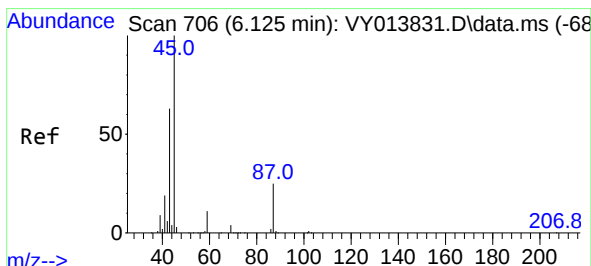
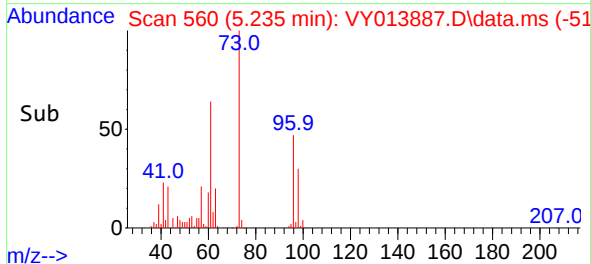
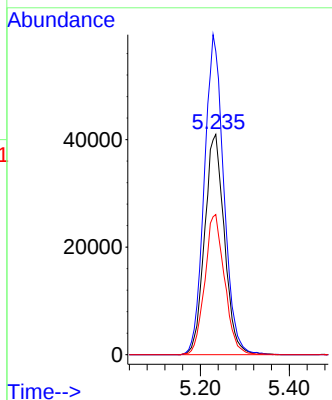
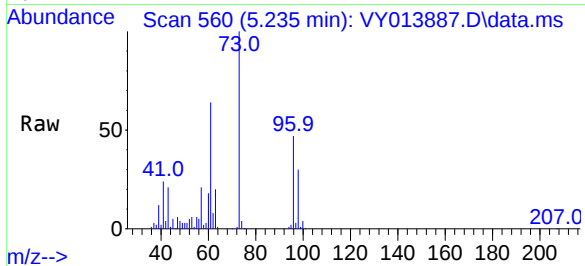




#21
trans-1,2-Dichloroethene
Concen: 52.541 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

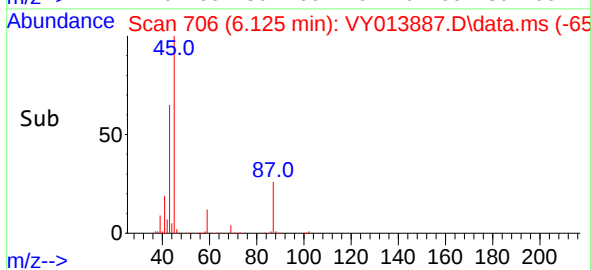
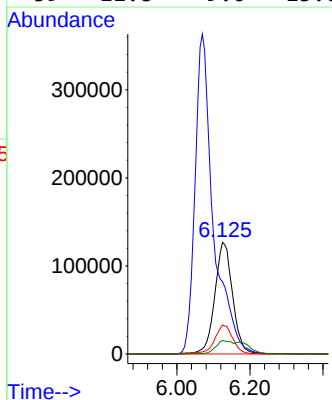
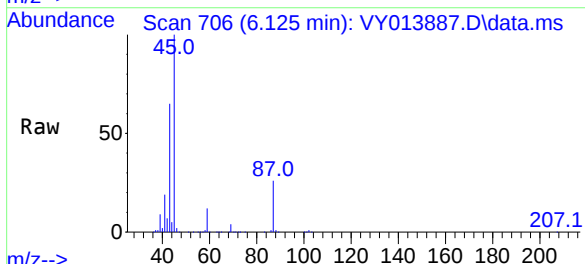
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

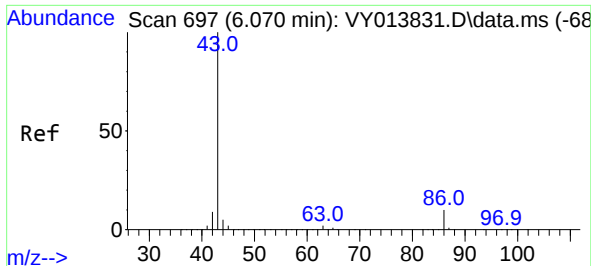
Tgt Ion: 96 Resp: 127064
Ion Ratio Lower Upper
96 100
61 137.7 115.5 173.3
98 63.6 53.7 80.5



#22
Diisopropyl ether
Concen: 54.479 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 45 Resp: 427226
Ion Ratio Lower Upper
45 100
43 64.6 50.6 75.8
87 25.9 20.7 31.1
59 11.8 9.0 13.6

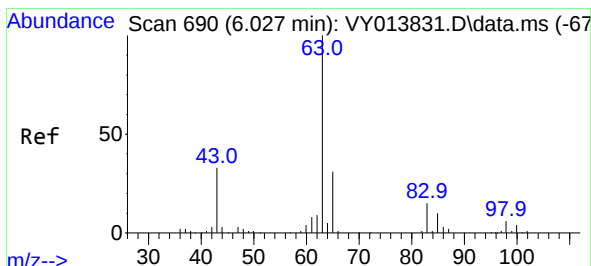
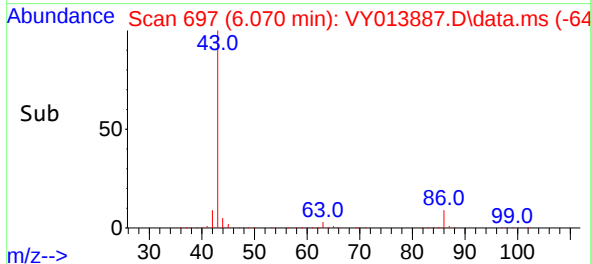
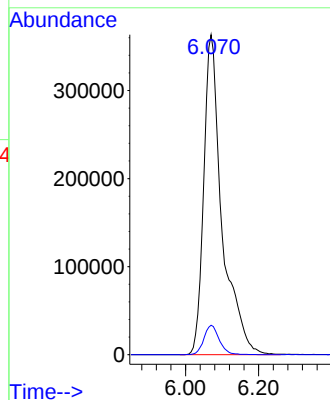
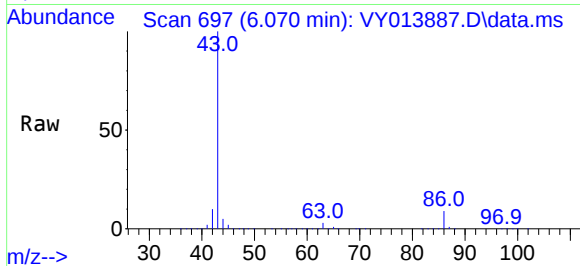




#23
 Vinyl Acetate
 Concen: 276.557 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY013887.D
 Acq: 25 May 2023 20:40

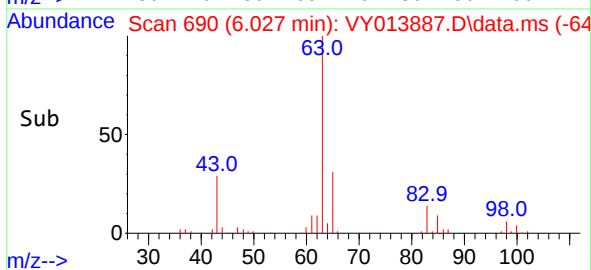
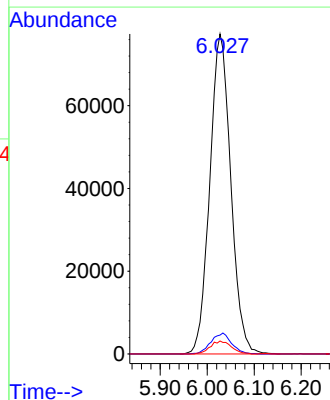
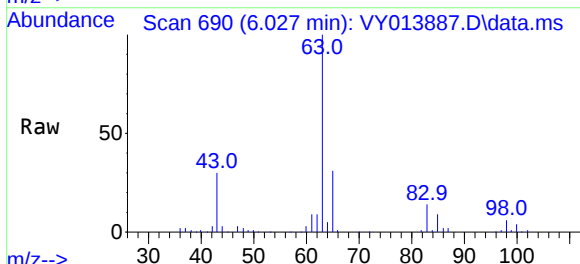
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

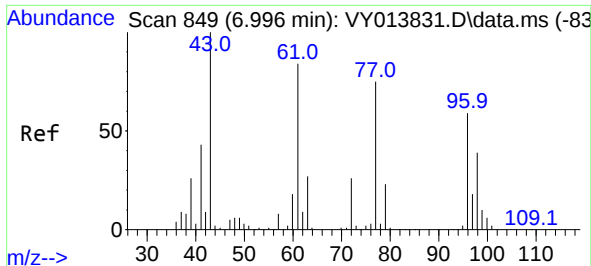
Tgt Ion: 43 Resp: 1263176
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 52.430 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY013887.D
 Acq: 25 May 2023 20:40

Tgt Ion: 63 Resp: 240033
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.2 9.6
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 250.368 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

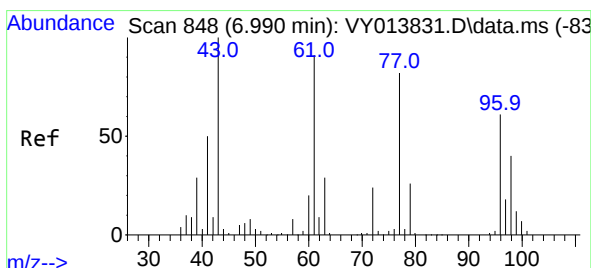
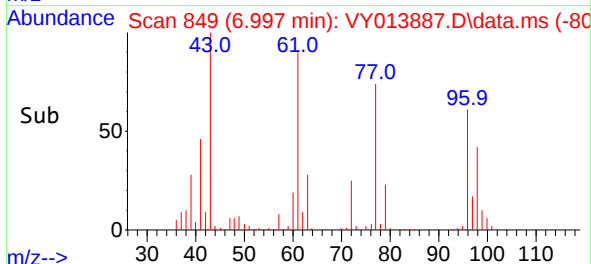
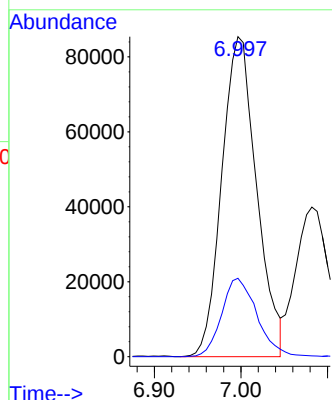
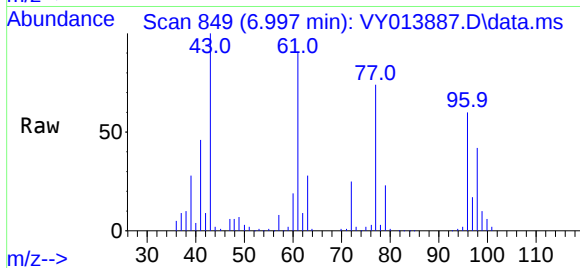
VSTDCCC050EC

Tgt Ion: 43 Resp: 238589

Ion Ratio Lower Upper

43 100

72 24.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 48.692 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY013887.D

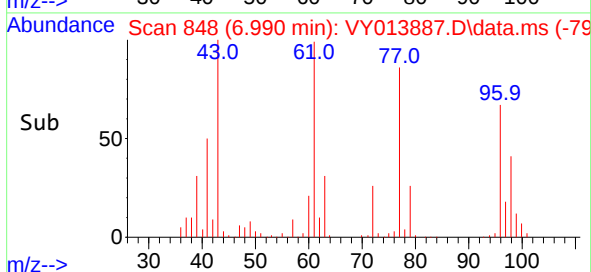
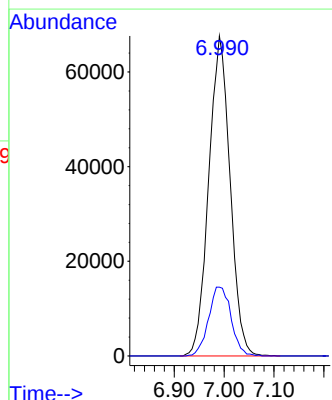
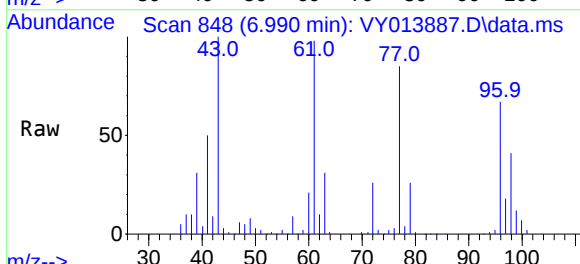
Acq: 25 May 2023 20:40

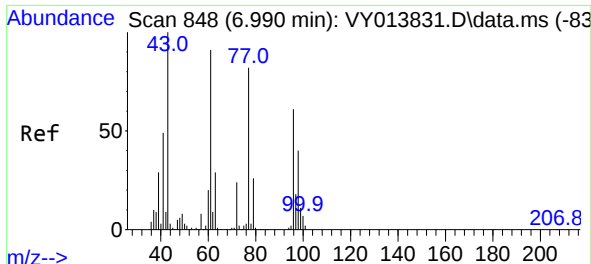
Tgt Ion: 77 Resp: 200795

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6

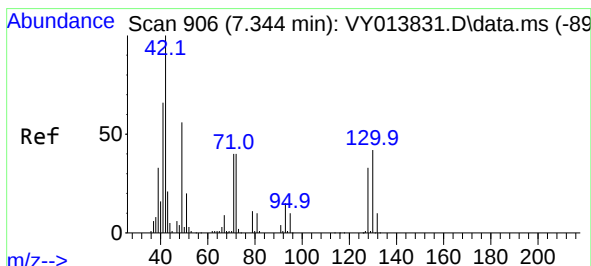
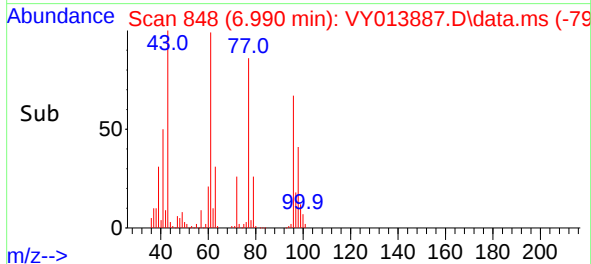
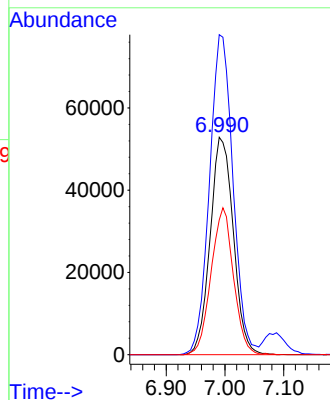
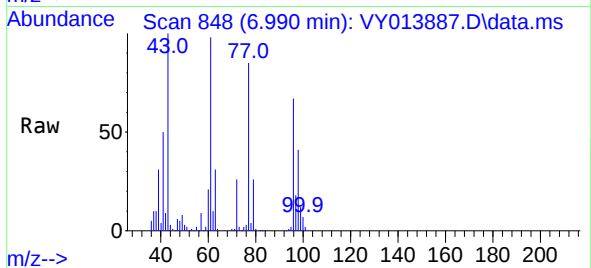




#27
 cis-1,2-Dichloroethene
 Concen: 53.447 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY013887.D
 Acq: 25 May 2023 20:40

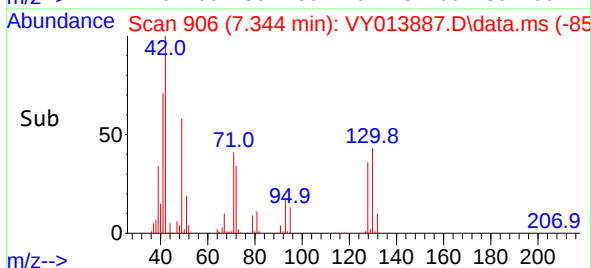
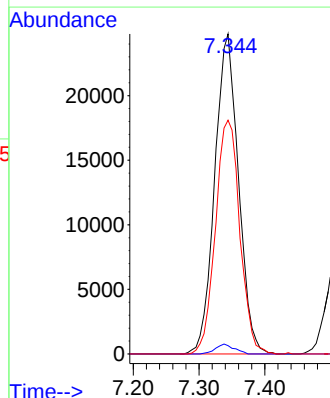
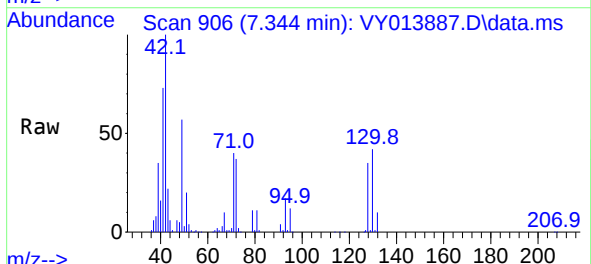
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

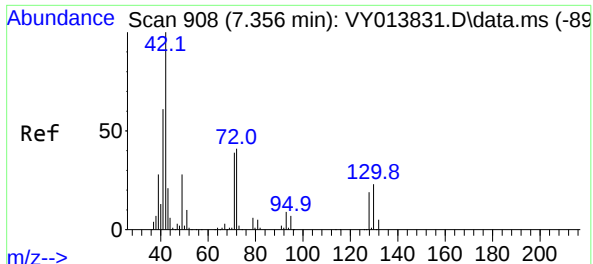
Tgt Ion: 96 Resp: 145202
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 296.4
 98 65.1 0.0 129.4



#28
 Bromochloromethane
 Concen: 46.300 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY013887.D
 Acq: 25 May 2023 20:40

Tgt Ion: 49 Resp: 62216
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.4
 130 74.9 60.2 90.2

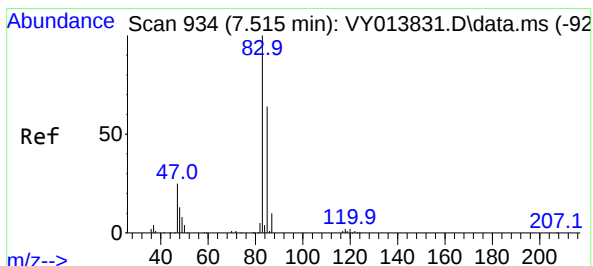
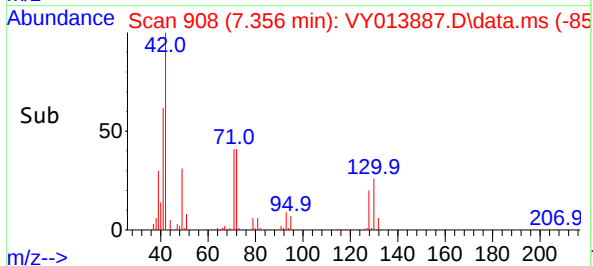
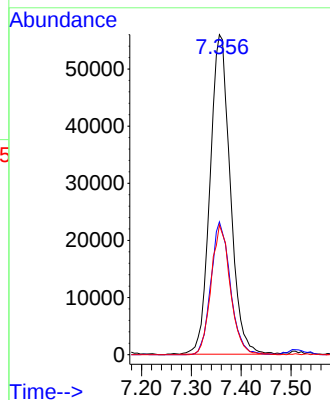
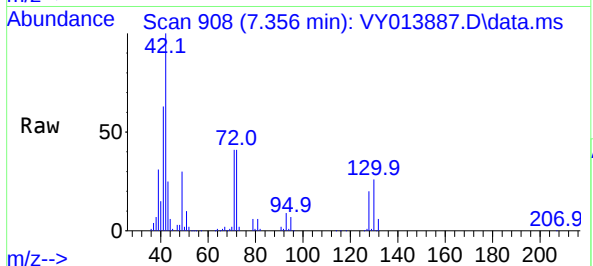




#29
Tetrahydrofuran
Concen: 276.997 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

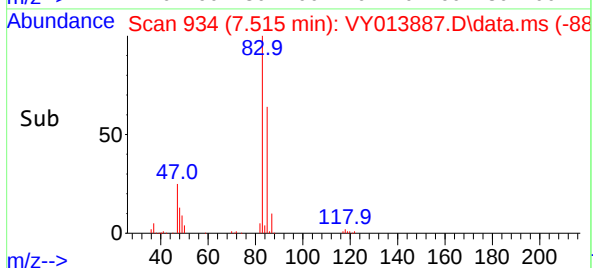
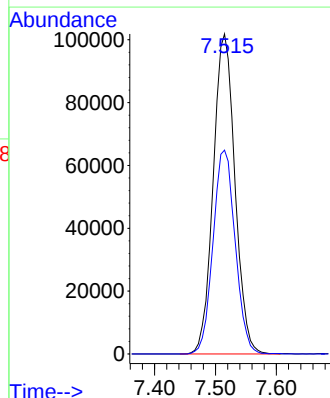
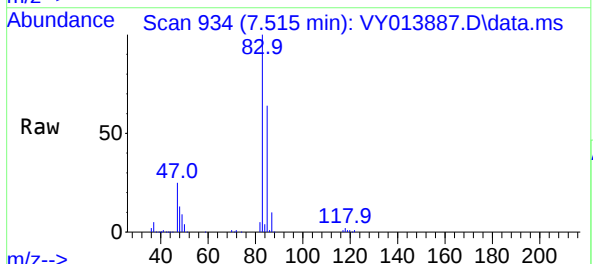
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

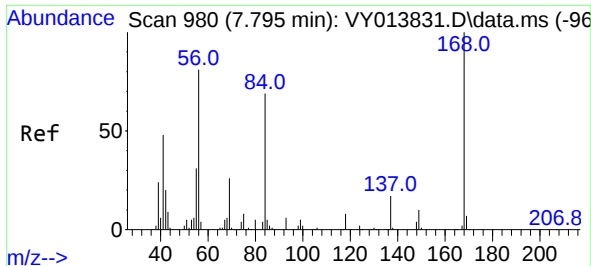
Tgt Ion: 42 Resp: 157599
Ion Ratio Lower Upper
42 100
72 40.0 31.7 47.5
71 38.5 30.6 45.8



#30
Chloroform
Concen: 54.369 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 83 Resp: 252356
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.6

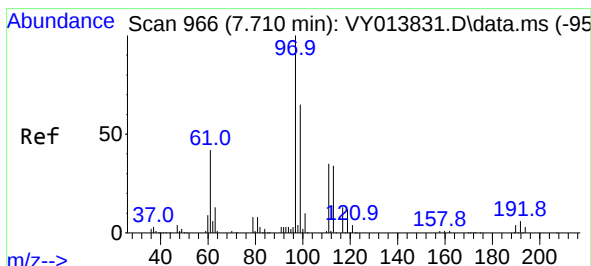
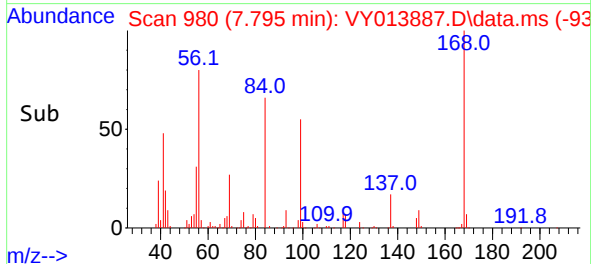
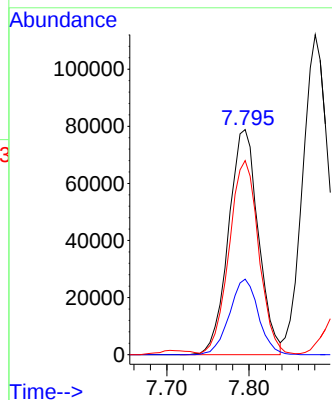
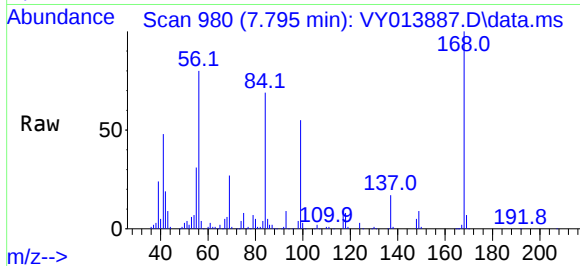




#31
Cyclohexane
Concen: 49.189 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

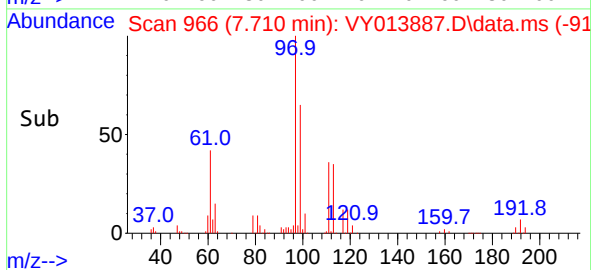
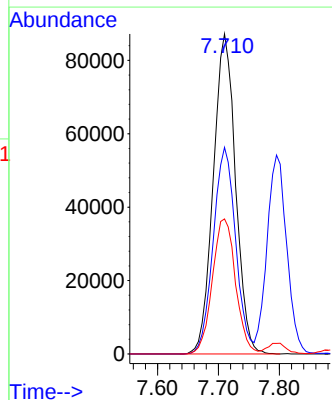
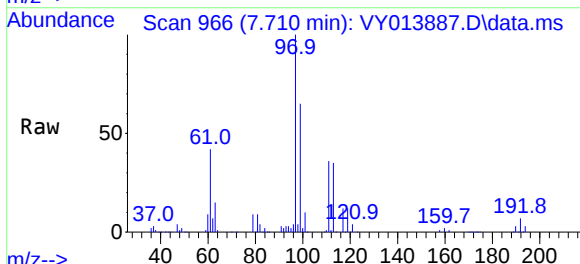
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

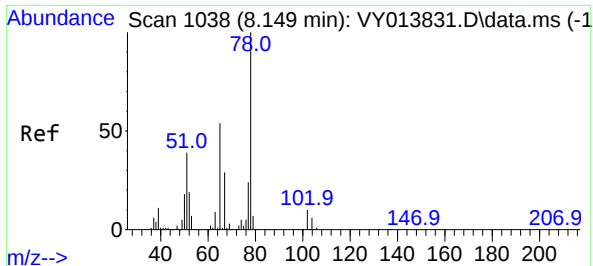
Tgt Ion: 56 Resp: 198858
Ion Ratio Lower Upper
56 100
69 33.6 25.8 38.8
84 84.5 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 52.305 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 97 Resp: 221475
Ion Ratio Lower Upper
97 100
99 65.1 50.5 75.7
61 43.9 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 51.150 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

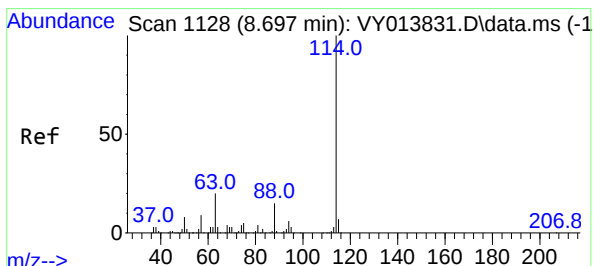
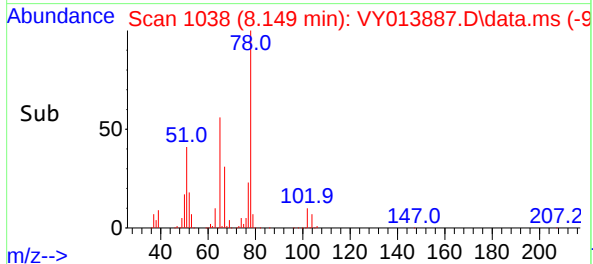
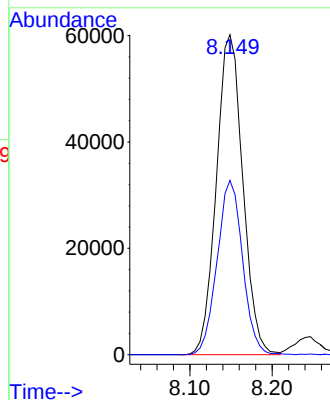
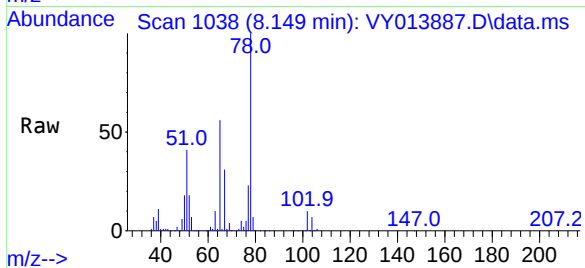
VSTDCCC050EC

Tgt Ion: 65 Resp: 134589

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

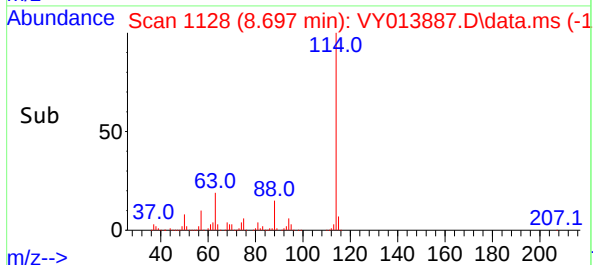
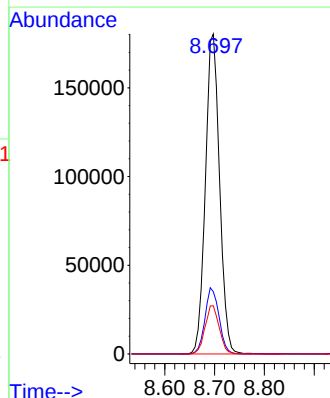
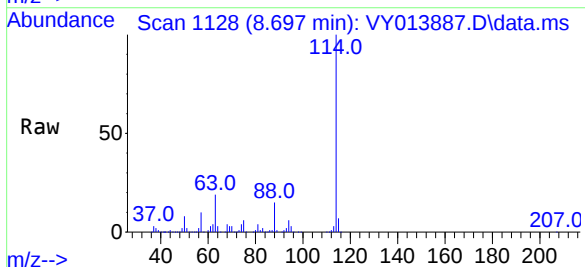
Tgt Ion: 114 Resp: 355754

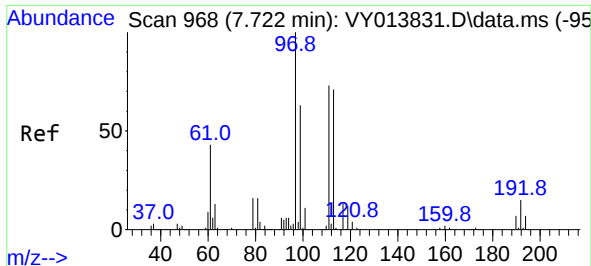
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 15.0 0.0 30.0

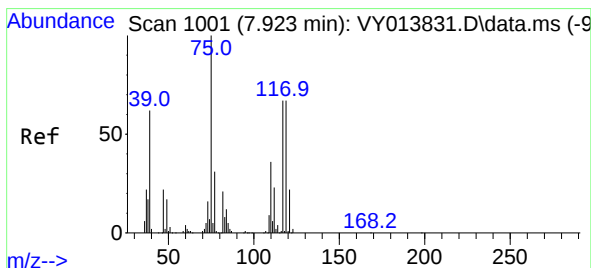
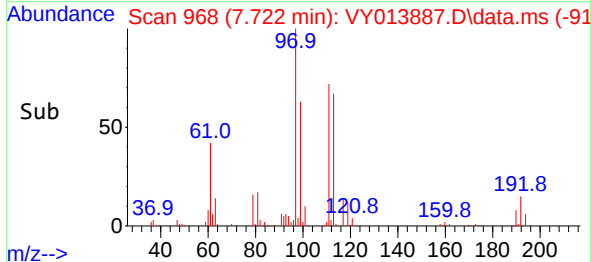
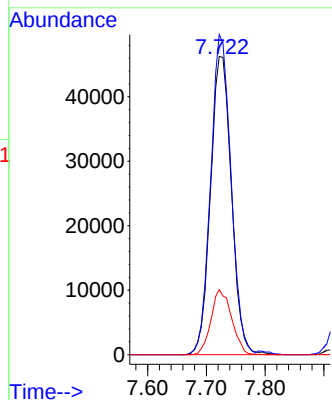
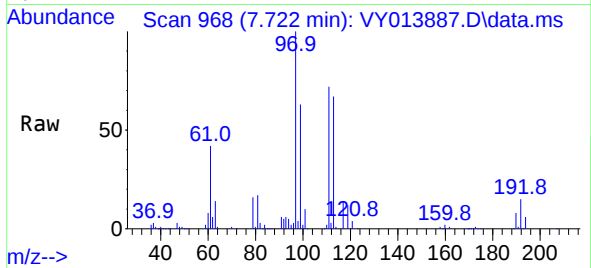




#35
Dibromofluoromethane
Concen: 49.800 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

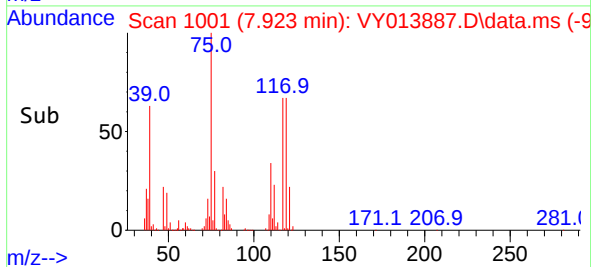
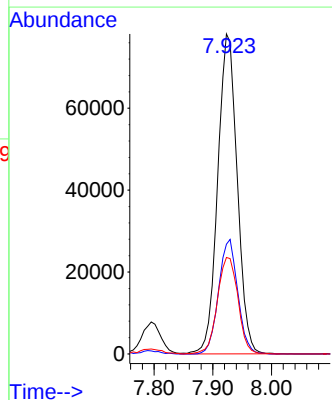
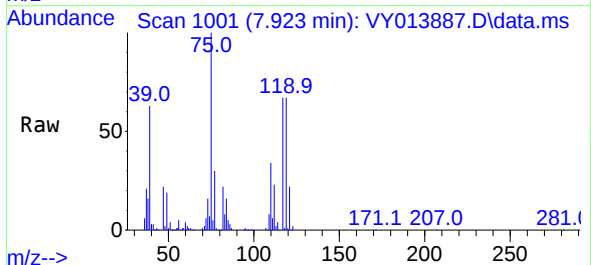
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

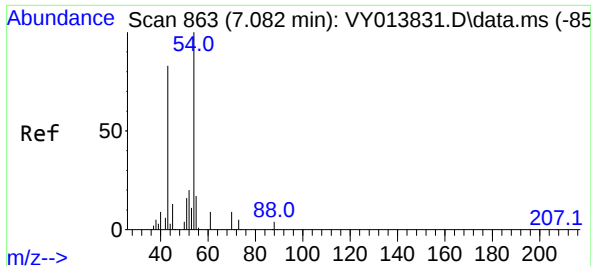
Tgt Ion:113 Resp: 114415
Ion Ratio Lower Upper
113 100
111 104.4 80.4 120.6
192 21.4 16.6 25.0



#36
1,1-Dichloropropene
Concen: 51.461 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 75 Resp: 180082
Ion Ratio Lower Upper
75 100
110 35.2 17.5 52.6
77 31.9 24.4 36.6

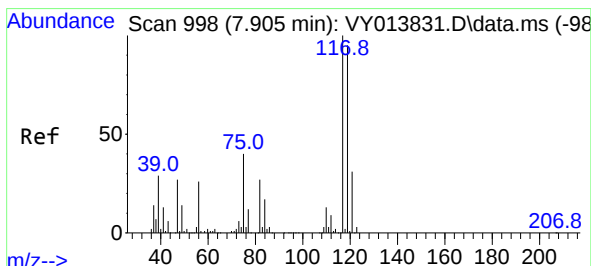
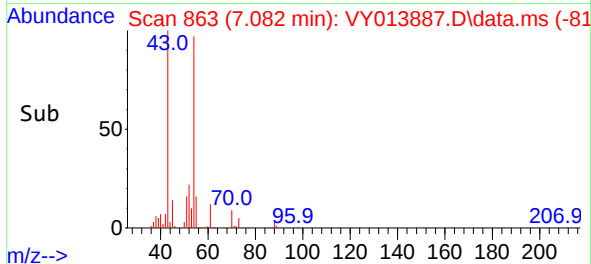
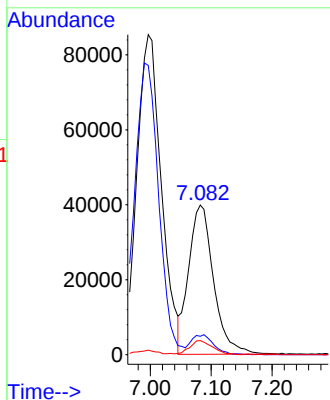
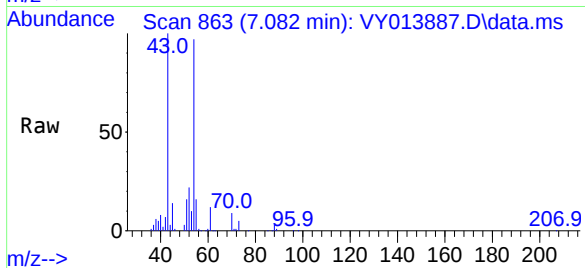




#37
Ethyl Acetate
Concen: 53.085 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

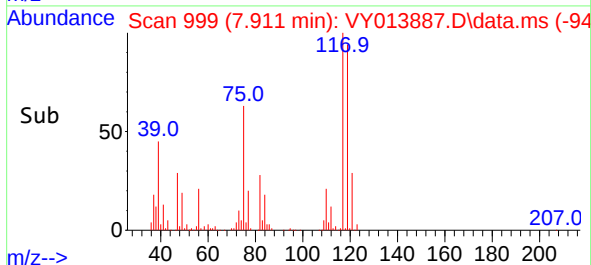
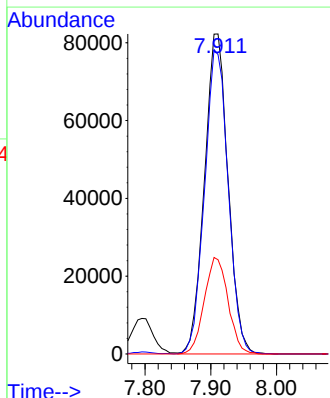
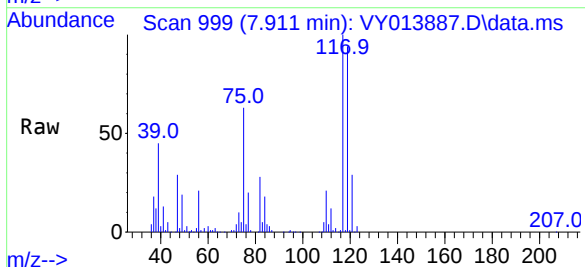
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

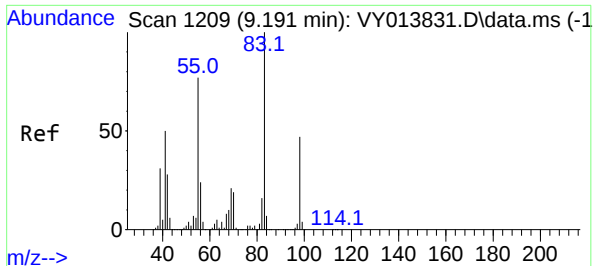
Tgt Ion: 43 Resp: 113314
Ion Ratio Lower Upper
43 100
61 12.0 10.5 15.7
70 8.7 6.9 10.3



#38
Carbon Tetrachloride
Concen: 51.571 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 117 Resp: 205232
Ion Ratio Lower Upper
117 100
119 93.6 75.6 113.4
121 29.5 24.8 37.2





#39

Methylcyclohexane

Concen: 49.962 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

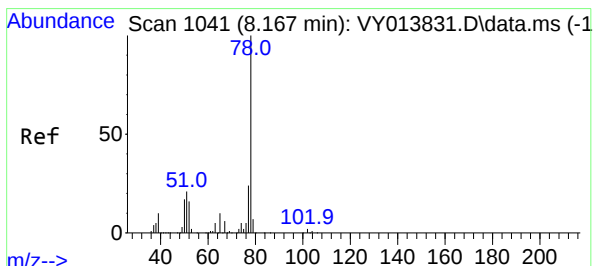
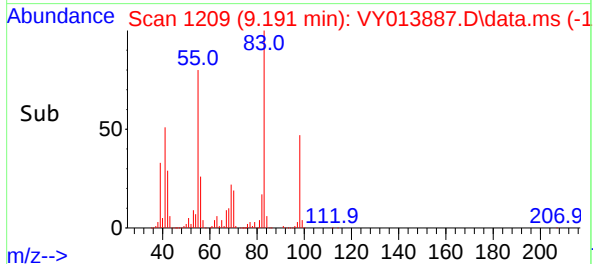
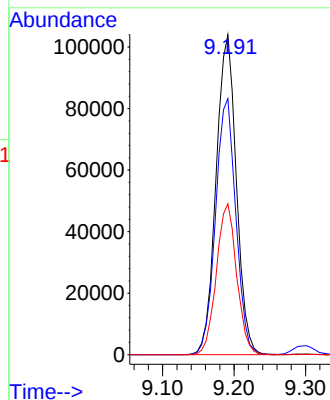
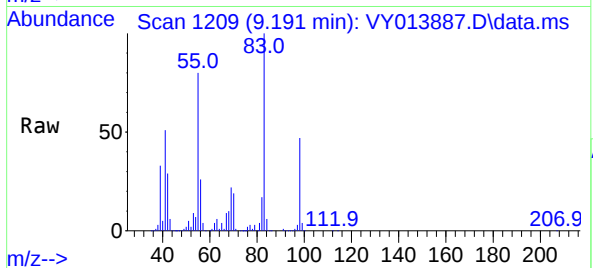
Tgt Ion: 83 Resp: 204753

Ion Ratio Lower Upper

83 100

55 80.0 61.6 92.4

98 47.2 38.0 57.0



#40

Benzene

Concen: 52.746 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY013887.D

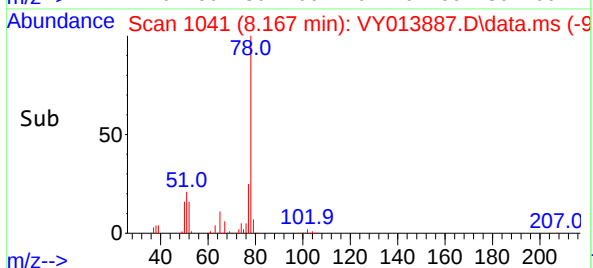
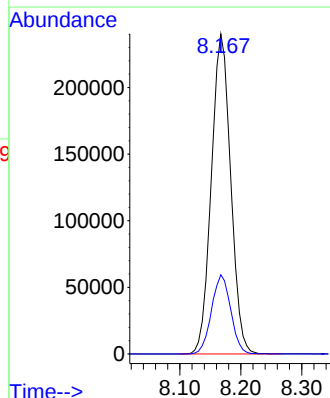
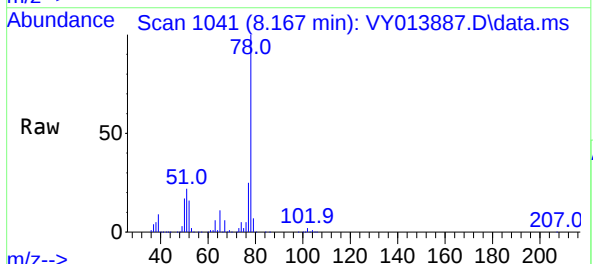
Acq: 25 May 2023 20:40

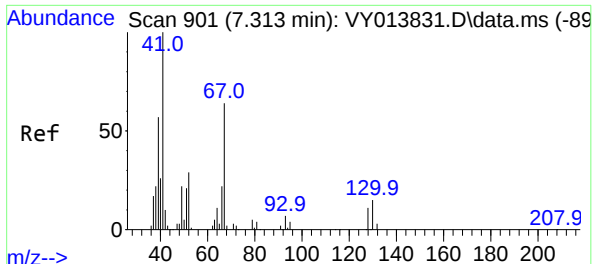
Tgt Ion: 78 Resp: 530140

Ion Ratio Lower Upper

78 100

77 24.7 19.5 29.3



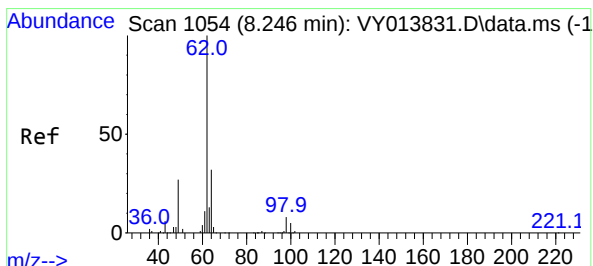
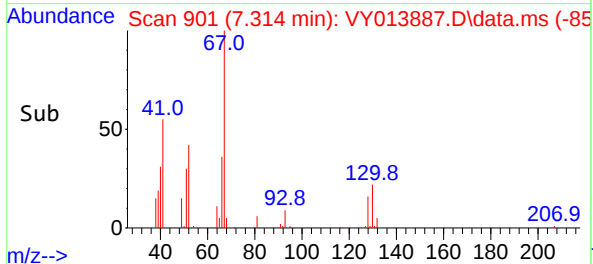
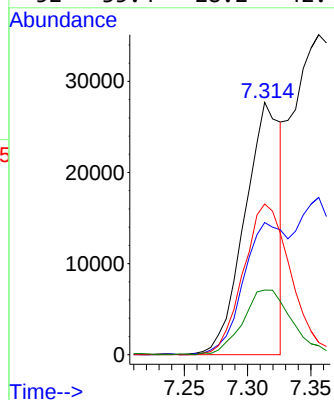
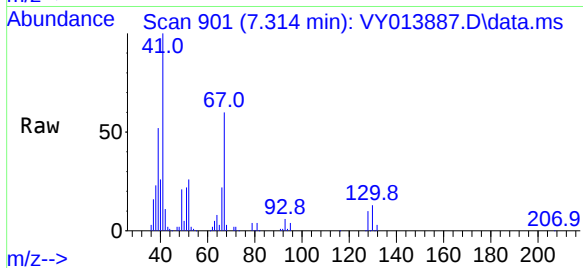


#41
Methacrylonitrile
Concen: 47.020 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 54762

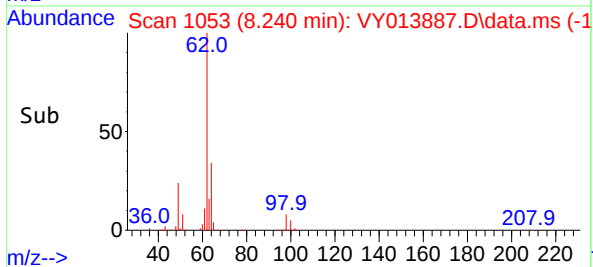
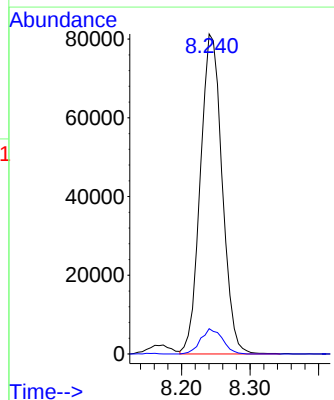
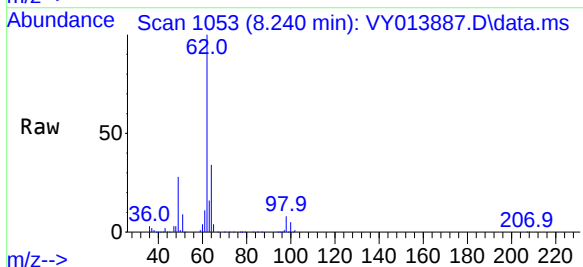
Ion	Ratio	Lower	Upper
41	100		
39	63.0	44.1	66.1
67	79.3	63.7	95.5
52	35.4	28.2	42.4

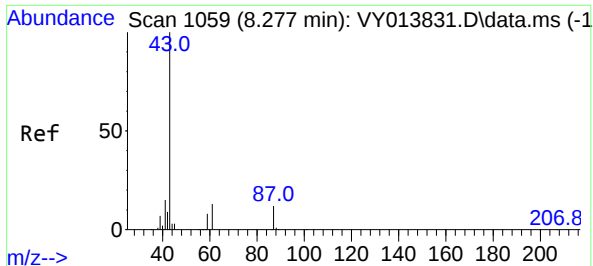


#42
1,2-Dichloroethane
Concen: 54.733 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 62 Resp: 180117

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.8





#43

Isopropyl Acetate

Concen: 52.170 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

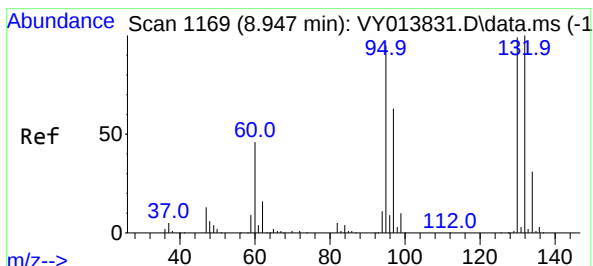
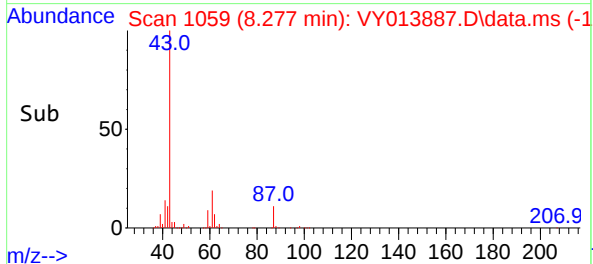
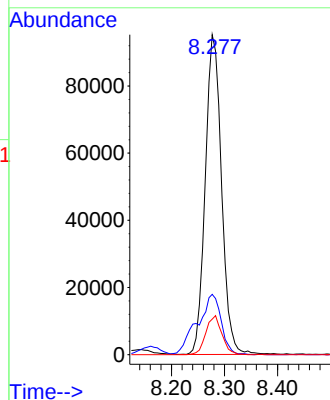
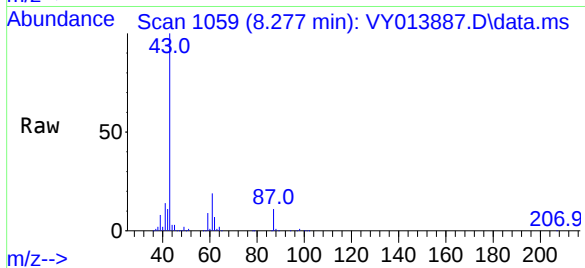
Tgt Ion: 43 Resp: 202928

Ion Ratio Lower Upper

43 100

61 27.7 21.1 31.7

87 12.0 9.8 14.6



#44

Trichloroethene

Concen: 51.130 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY013887.D

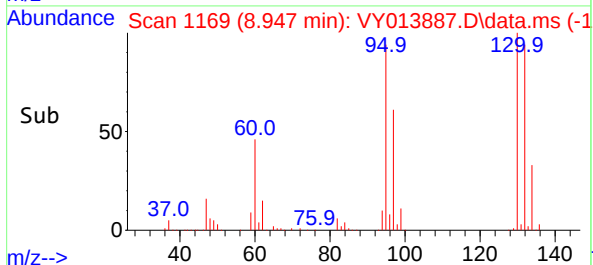
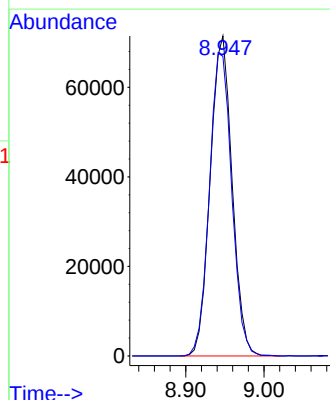
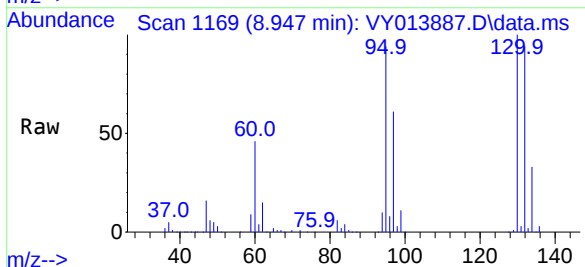
Acq: 25 May 2023 20:40

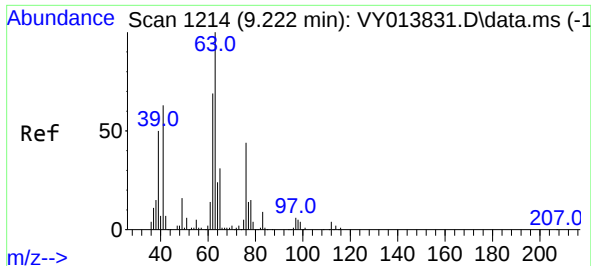
Tgt Ion:130 Resp: 138451

Ion Ratio Lower Upper

130 100

95 93.6 0.0 192.8





#45

1,2-Dichloropropane

Concen: 52.675 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

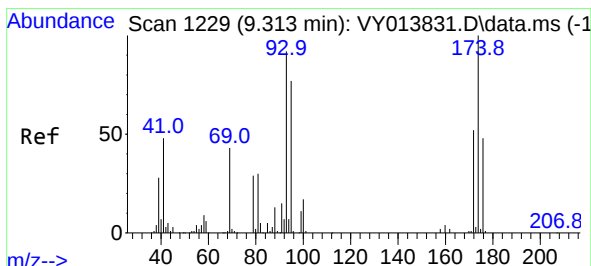
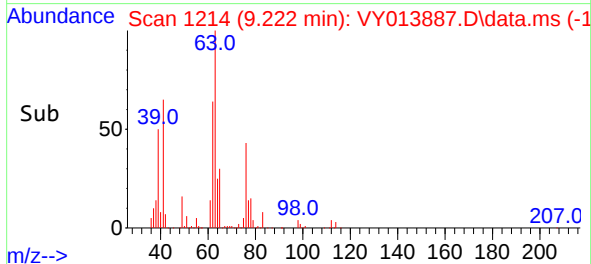
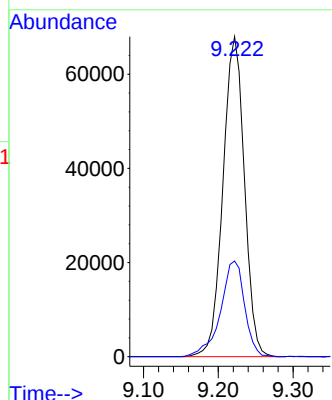
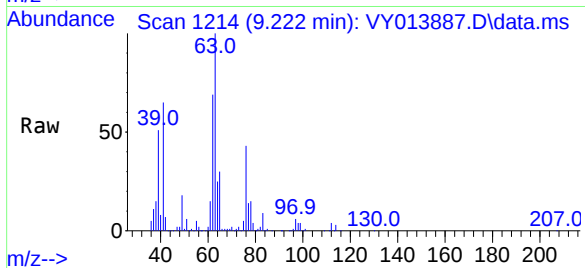
VSTDCCC050EC

Tgt Ion: 63 Resp: 135627

Ion Ratio Lower Upper

63 100

65 29.9 24.7 37.1



#46

Dibromomethane

Concen: 54.313 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

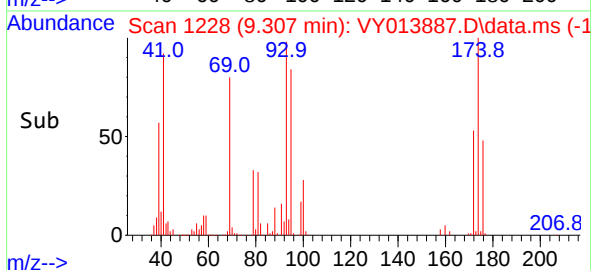
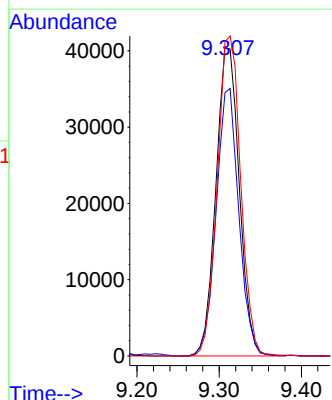
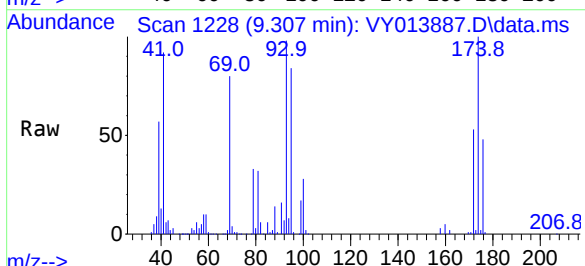
Tgt Ion: 93 Resp: 80090

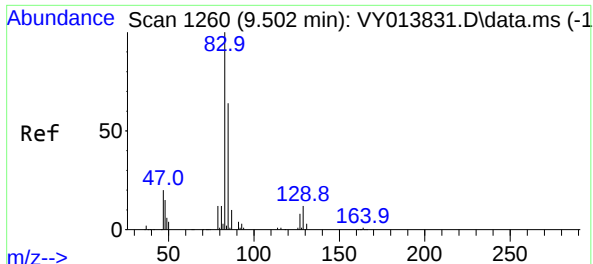
Ion Ratio Lower Upper

93 100

95 84.0 66.4 99.6

174 104.1 83.9 125.9

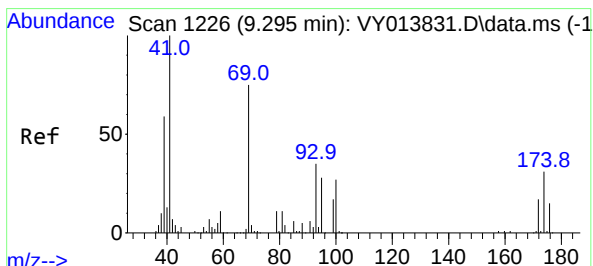
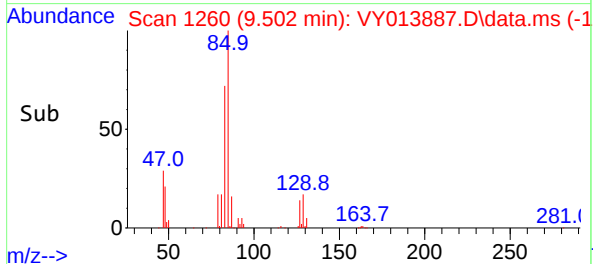
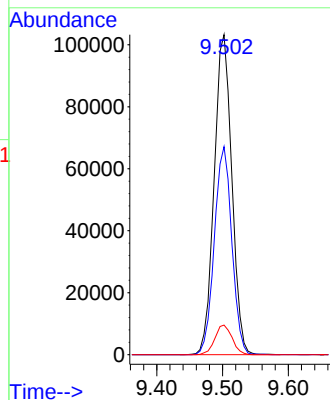
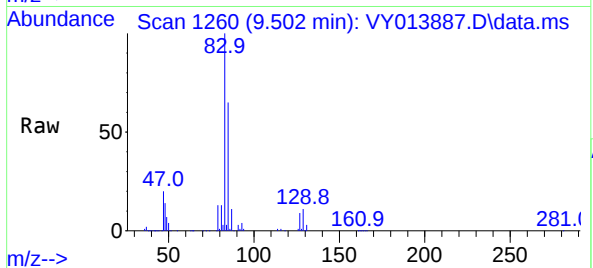




#47
Bromodichloromethane
Concen: 53.729 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

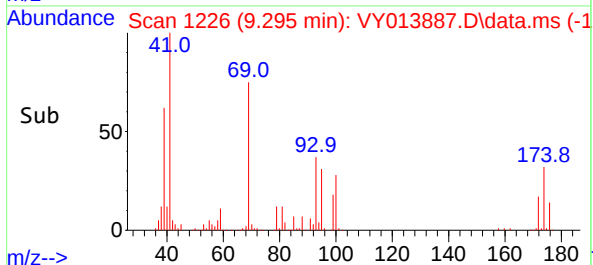
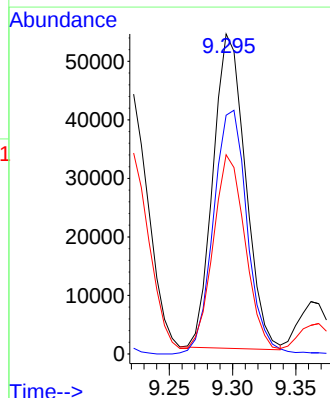
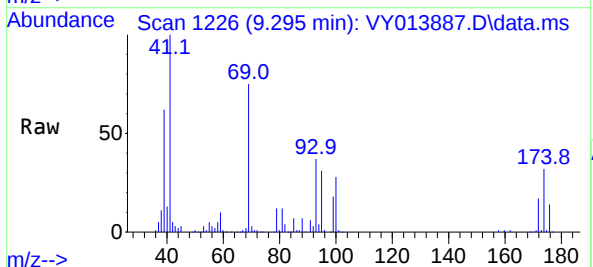
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

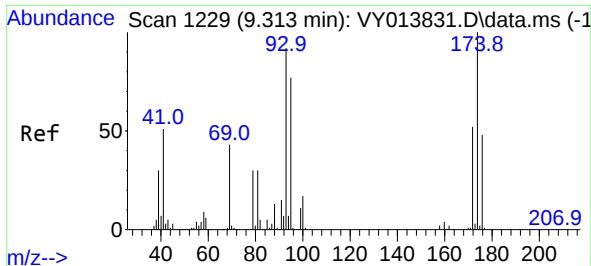
Tgt Ion: 83 Resp: 193081
Ion Ratio Lower Upper
83 100
85 65.0 51.5 77.3
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 52.332 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 41 Resp: 95586
Ion Ratio Lower Upper
41 100
69 81.1 62.0 93.0
39 60.9 45.7 68.5





#49

1,4-Dioxane

Concen: 1102.181 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

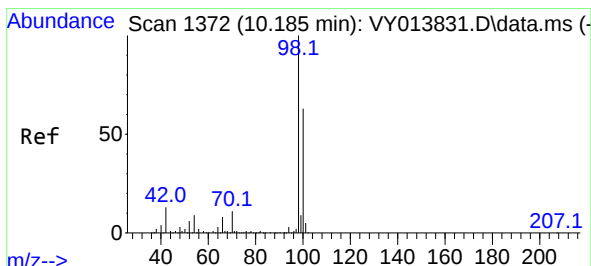
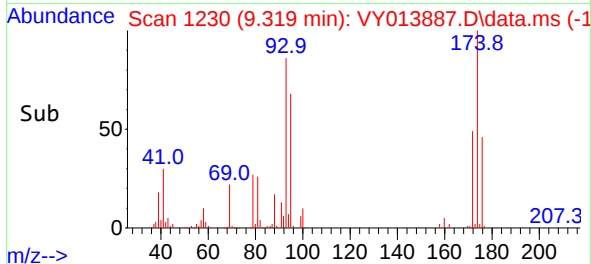
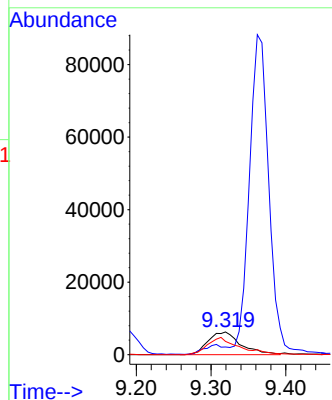
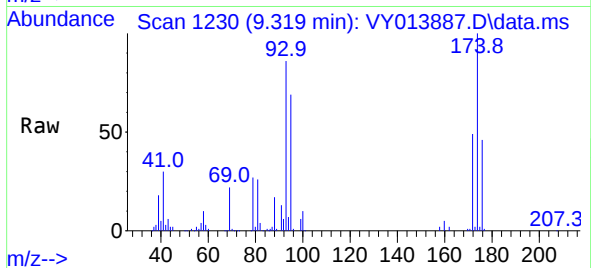
Tgt Ion: 88 Resp: 19101

Ion Ratio Lower Upper

88 100

43 29.8 0.0 0.0#

58 75.2 59.0 88.6



#50

Toluene-d8

Concen: 47.915 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY013887.D

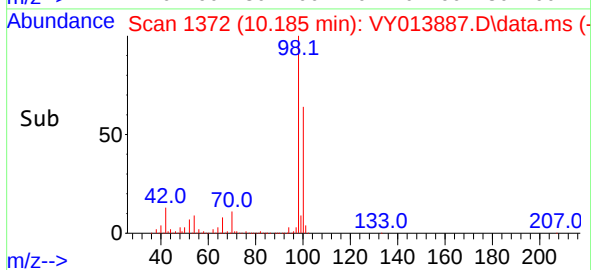
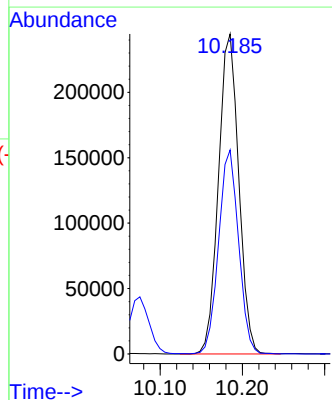
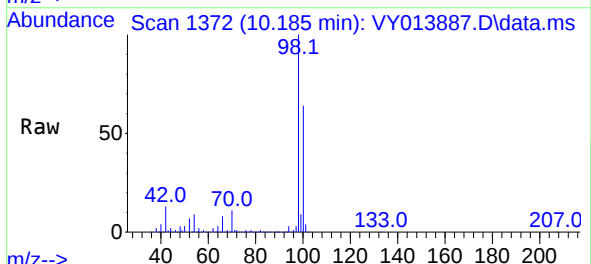
Acq: 25 May 2023 20:40

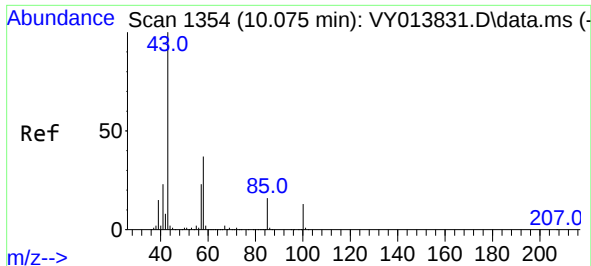
Tgt Ion: 98 Resp: 418390

Ion Ratio Lower Upper

98 100

100 63.0 50.8 76.2

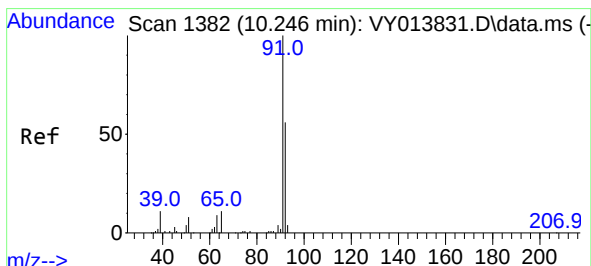
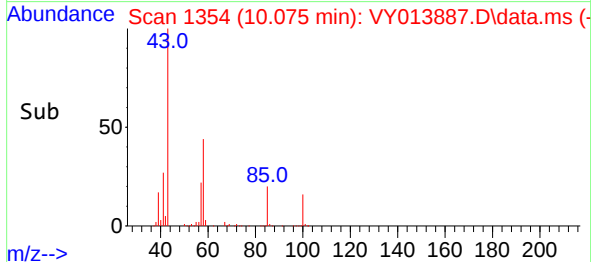
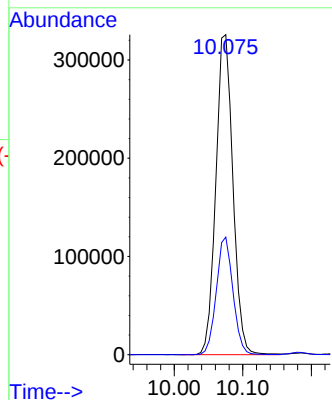
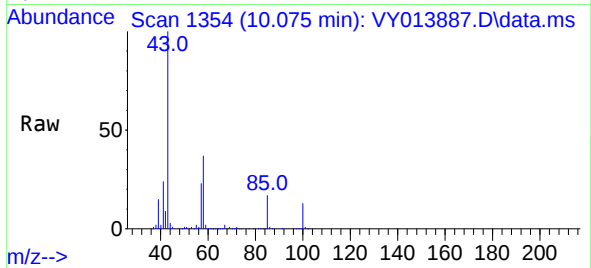




#51
4-Methyl-2-Pentanone
Concen: 271.821 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

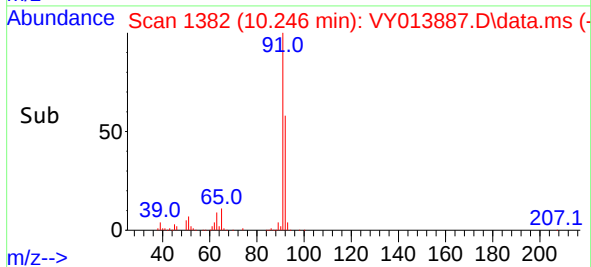
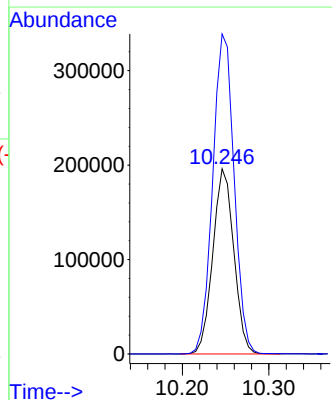
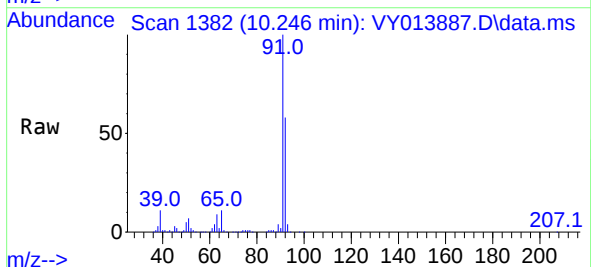
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

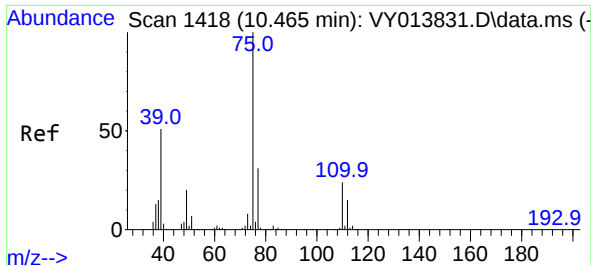
Tgt Ion: 43 Resp: 563465
Ion Ratio Lower Upper
43 100
58 35.8 29.1 43.7



#52
Toluene
Concen: 53.857 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 92 Resp: 330049
Ion Ratio Lower Upper
92 100
91 176.5 142.2 213.4

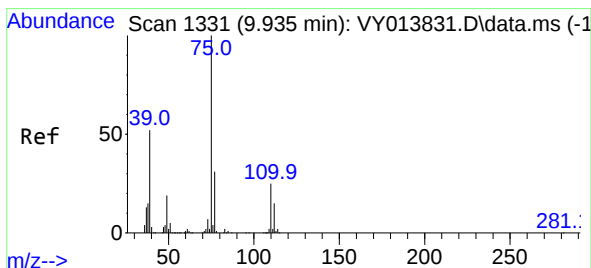
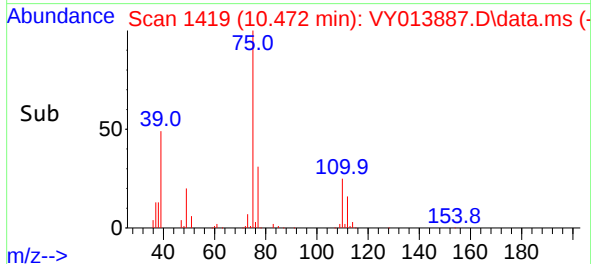
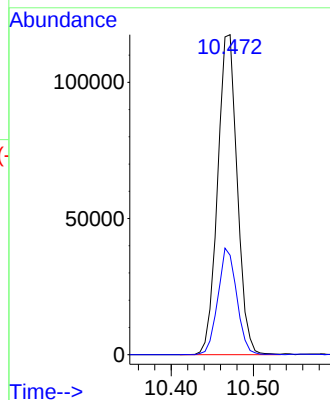
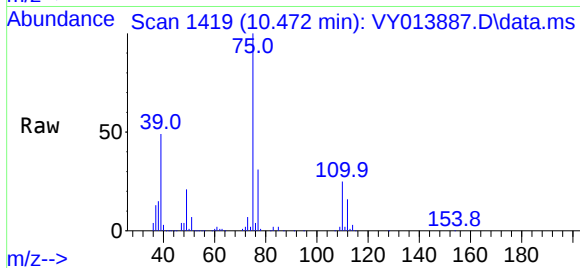




#53
t-1,3-Dichloropropene
Concen: 53.219 ug/l
RT: 10.472 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

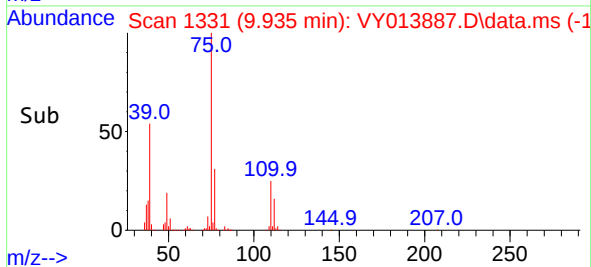
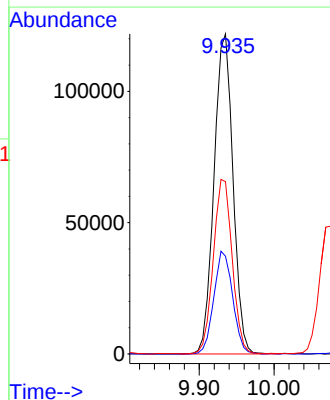
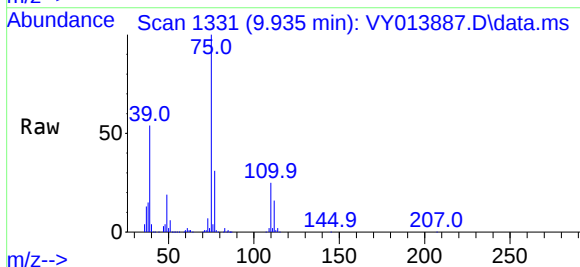
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

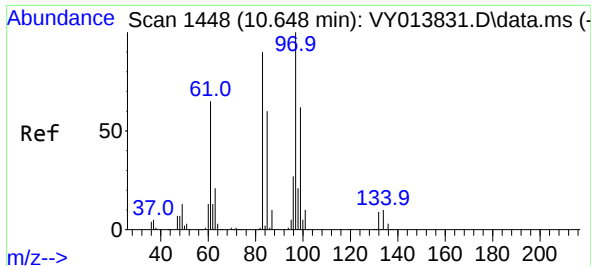
Tgt Ion: 75 Resp: 194674
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 52.373 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 75 Resp: 214624
Ion Ratio Lower Upper
75 100
77 30.5 24.8 37.2
39 53.8 41.8 62.8



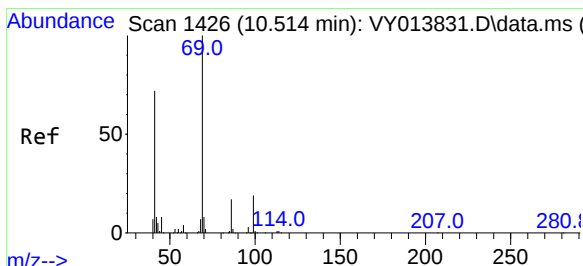
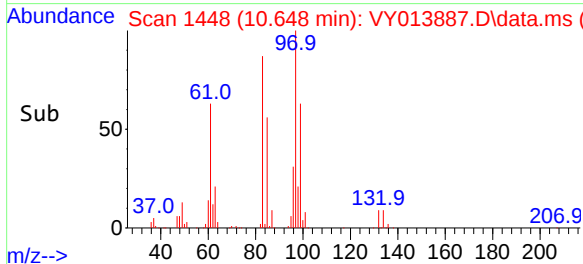
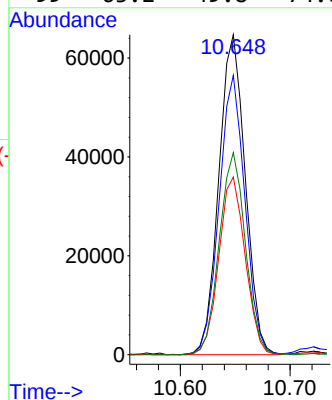
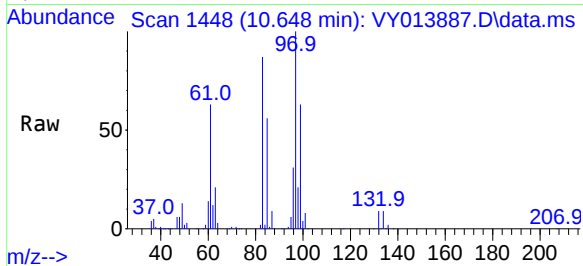


#55
1,1,2-Trichloroethane
Concen: 54.646 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 108408

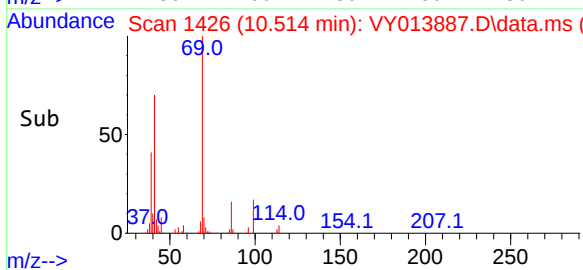
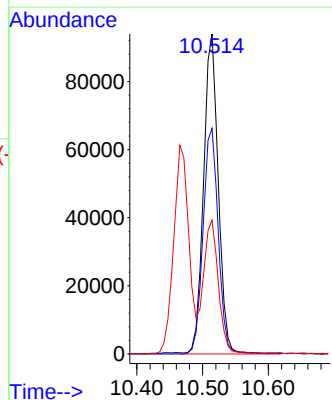
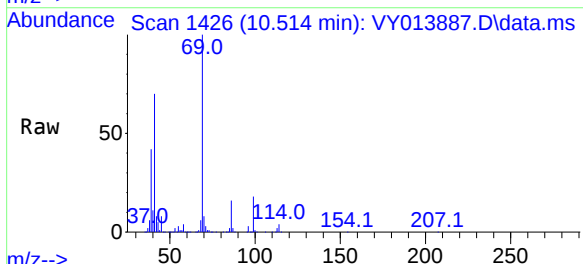
Ion	Ratio	Lower	Upper
97	100		
83	87.3	71.9	107.9
85	55.5	47.6	71.4
99	63.2	49.8	74.6

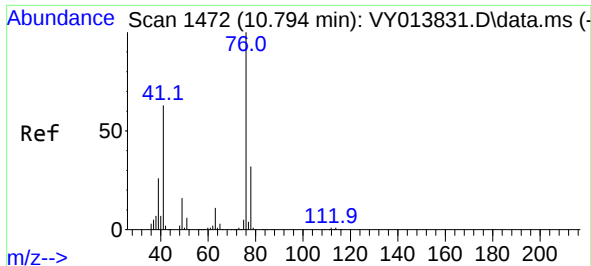


#56
Ethyl methacrylate
Concen: 55.134 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 69 Resp: 146005

Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.8	86.6
39	42.2	33.9	50.9





#57

1,3-Dichloropropane

Concen: 53.902 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

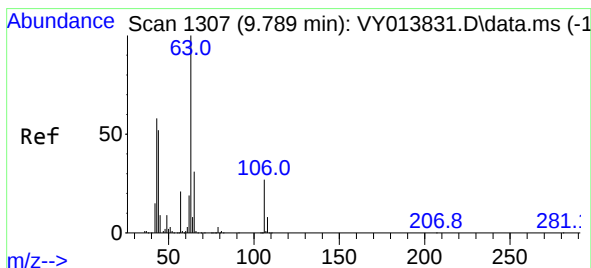
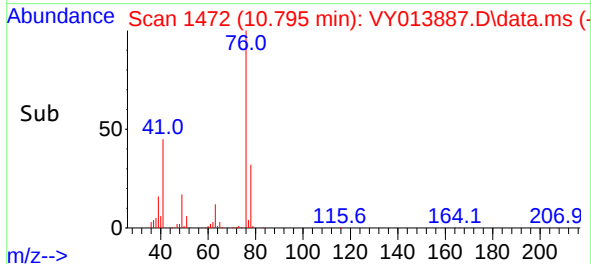
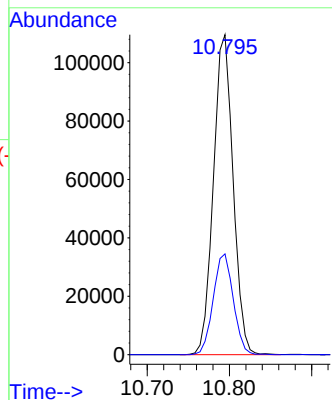
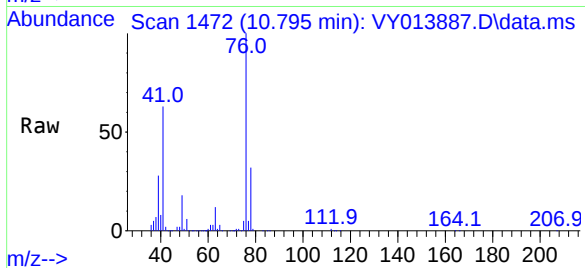
VSTDCCC050EC

Tgt Ion: 76 Resp: 182114

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 234.956 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY013887.D

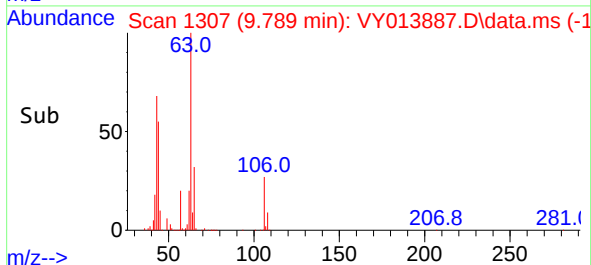
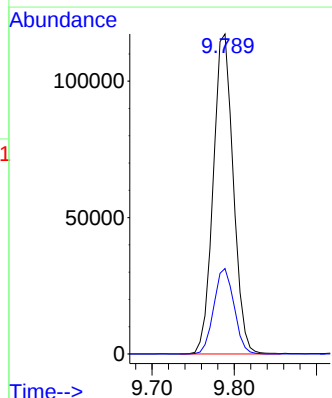
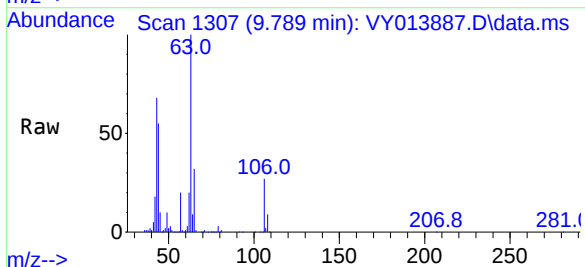
Acq: 25 May 2023 20:40

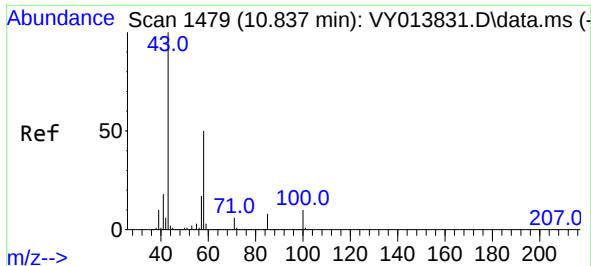
Tgt Ion: 63 Resp: 198532

Ion Ratio Lower Upper

63 100

106 26.9 21.3 31.9

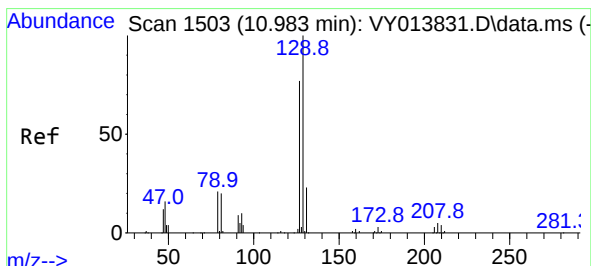
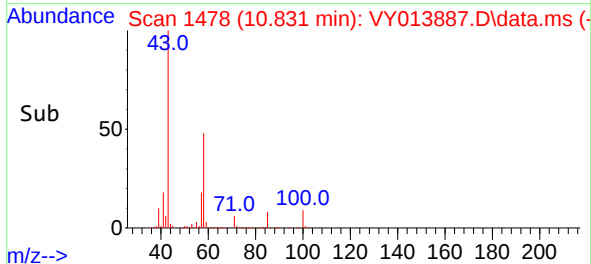
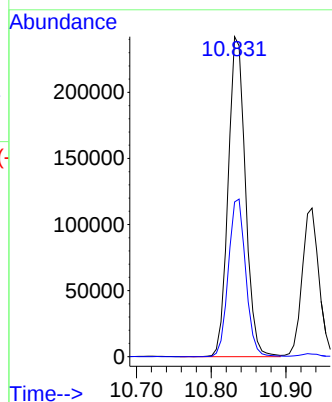
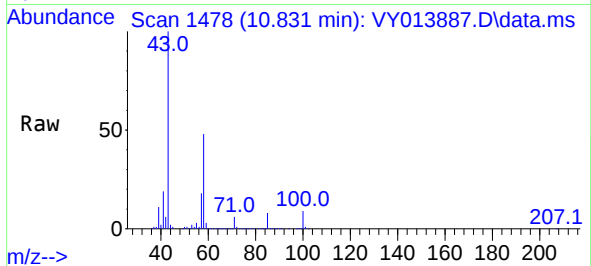




#59
2-Hexanone
Concen: 263.110 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

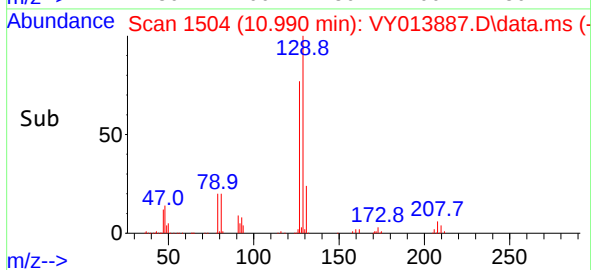
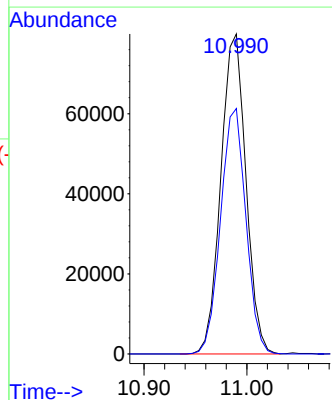
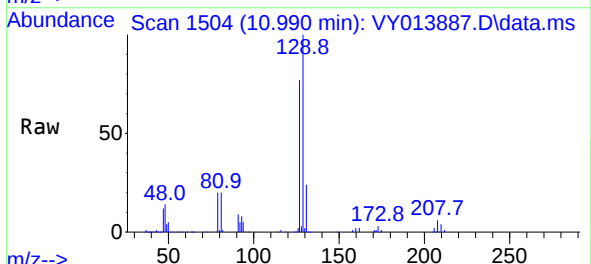
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

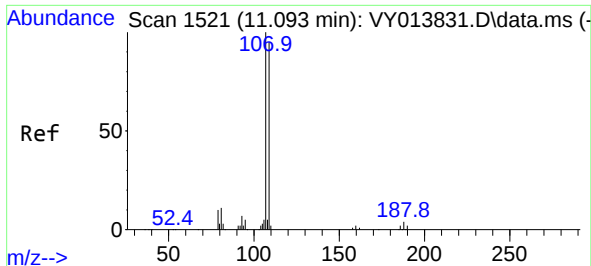
Tgt Ion: 43 Resp: 387956
Ion Ratio Lower Upper
43 100
58 49.6 24.8 74.3



#60
Dibromochloromethane
Concen: 53.944 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 129 Resp: 135371
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

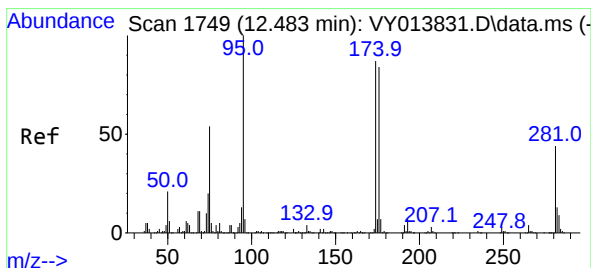
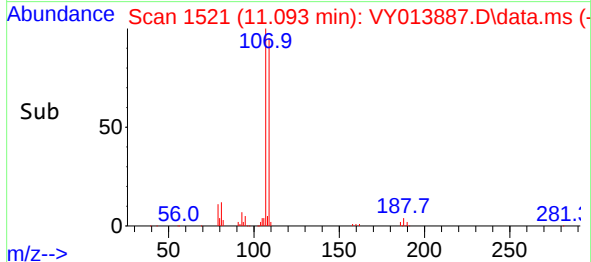
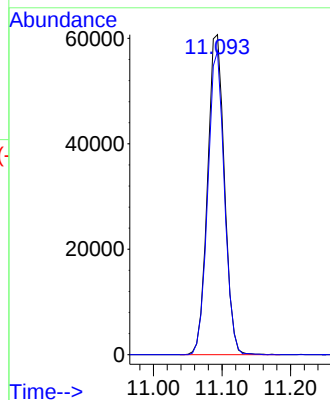
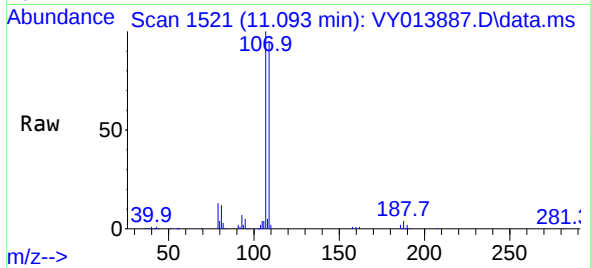




#61
1,2-Dibromoethane
Concen: 55.146 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

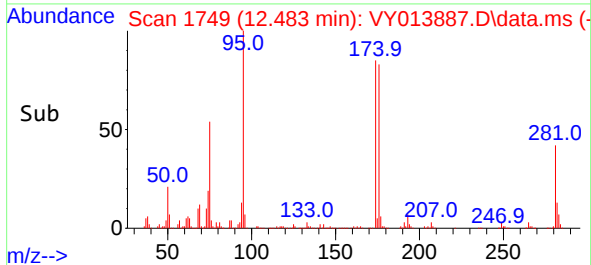
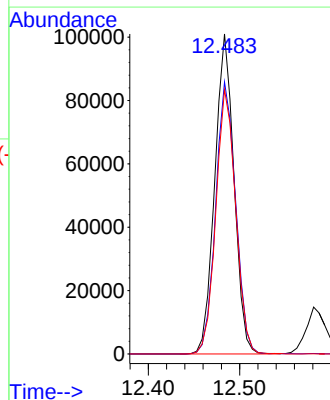
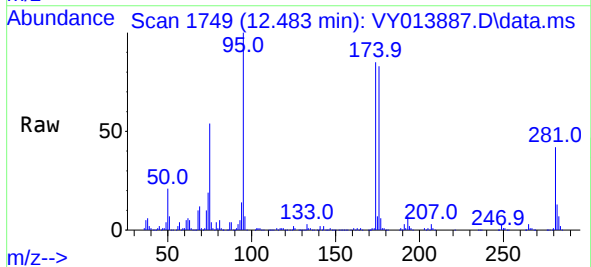
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

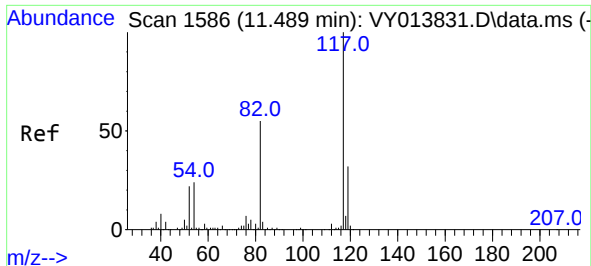
Tgt Ion:107 Resp: 104071
Ion Ratio Lower Upper
107 100
109 93.2 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 50.843 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 95 Resp: 147572
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.0
176 85.3 0.0 170.2



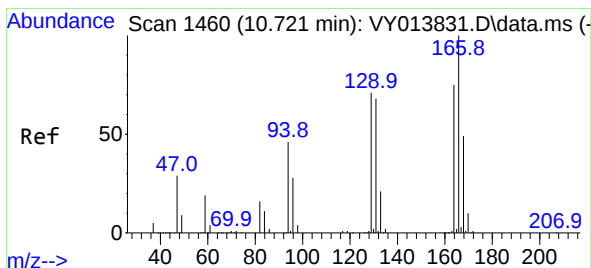
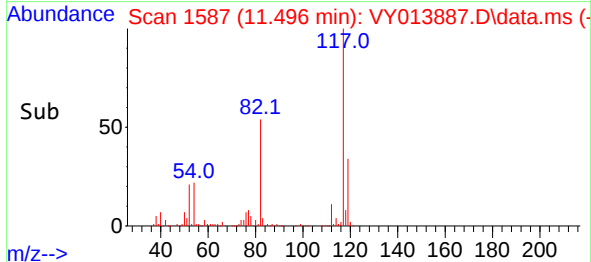
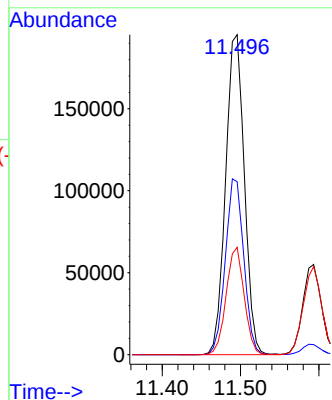
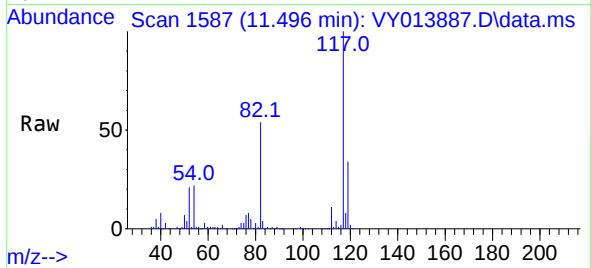


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 324565

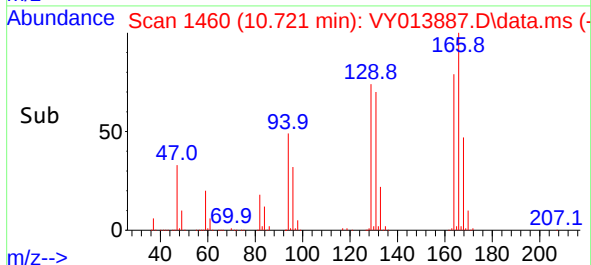
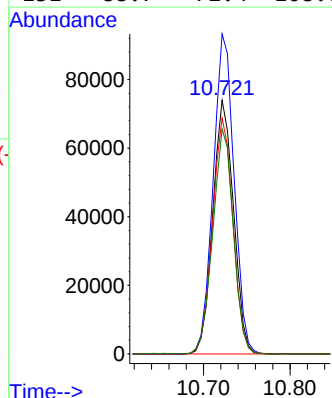
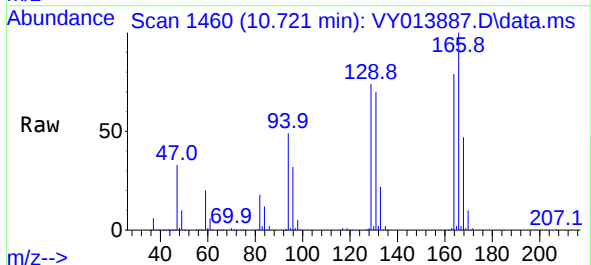
Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.2	66.4
119	33.6	25.7	38.5

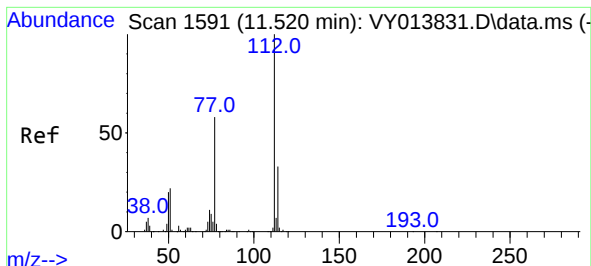


#64
Tetrachloroethene
Concen: 51.257 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion:164 Resp: 123091

Ion	Ratio	Lower	Upper
164	100		
166	126.2	106.2	159.2
129	93.0	75.4	113.0
131	88.7	72.4	108.6

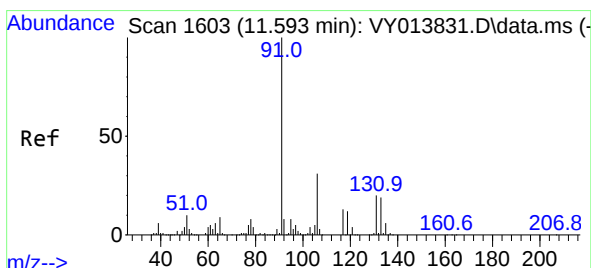
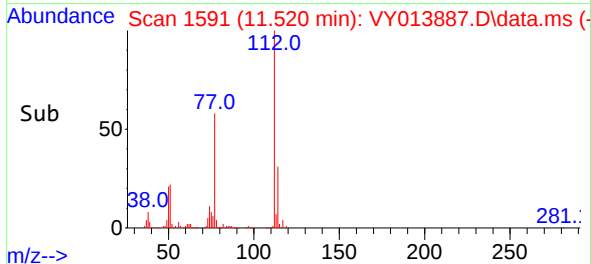
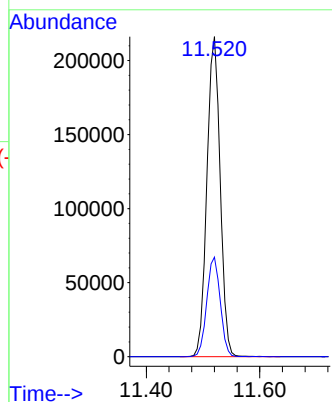
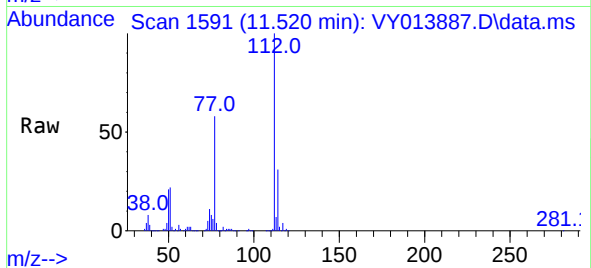




#65
Chlorobenzene
Concen: 51.421 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

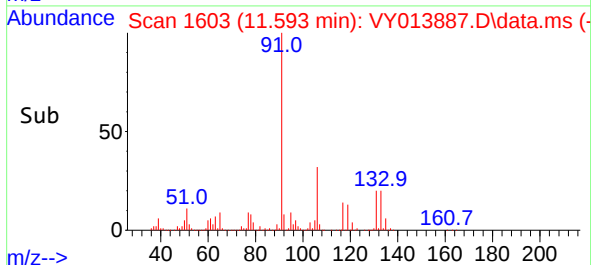
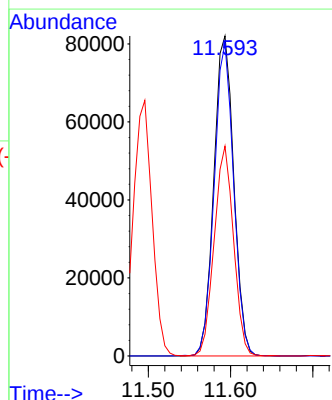
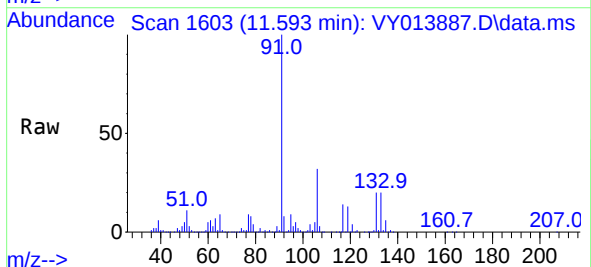
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

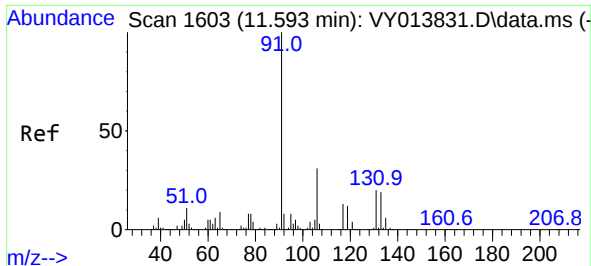
Tgt Ion:112 Resp: 349789
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.667 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion:131 Resp: 138275
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 63.8 32.1 96.5





#67

Ethyl Benzene

Concen: 52.076 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

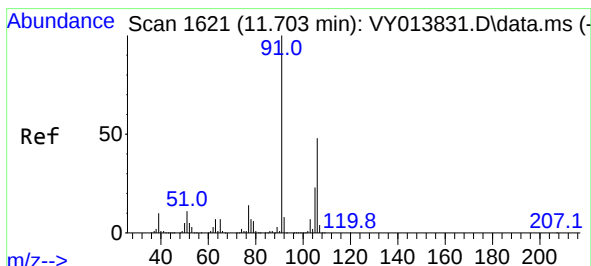
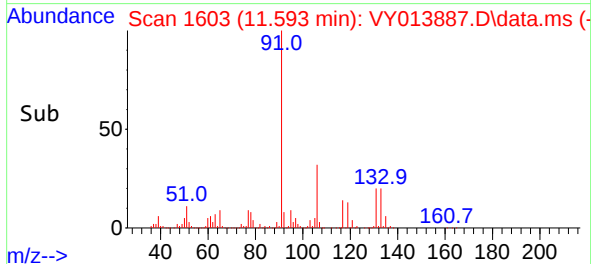
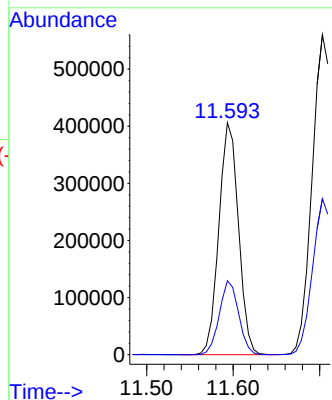
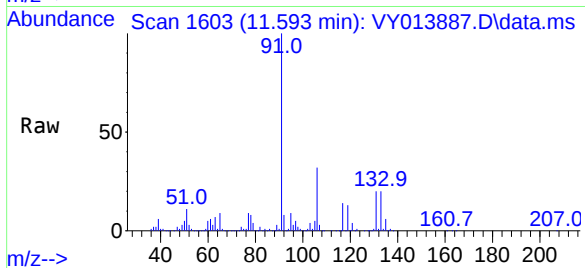
VSTDCCC050EC

Tgt Ion: 91 Resp: 637490

Ion Ratio Lower Upper

91 100

106 31.8 24.7 37.1



#68

m/p-Xylenes

Concen: 104.407 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013887.D

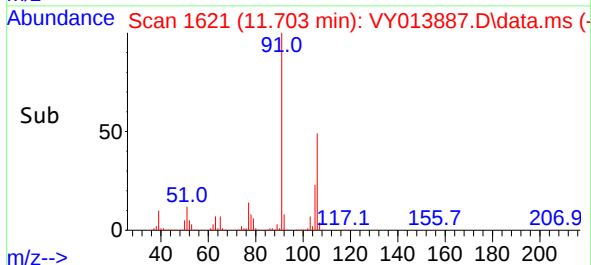
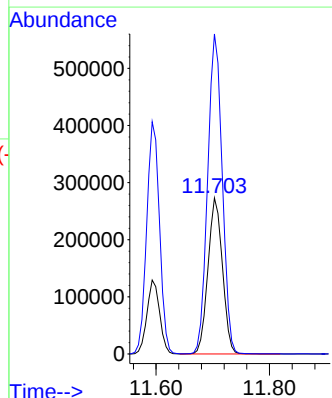
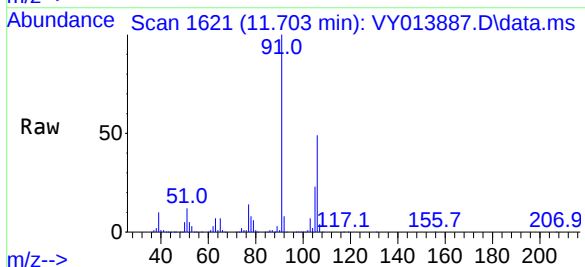
Acq: 25 May 2023 20:40

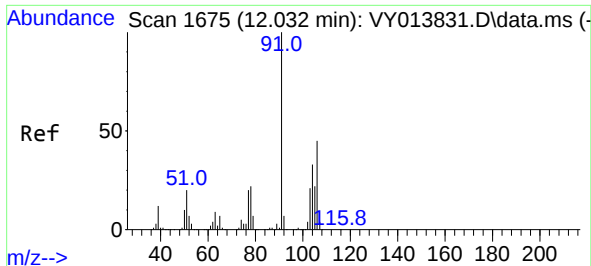
Tgt Ion:106 Resp: 483685

Ion Ratio Lower Upper

106 100

91 206.3 164.9 247.3

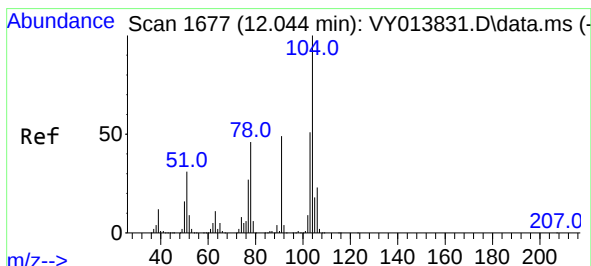
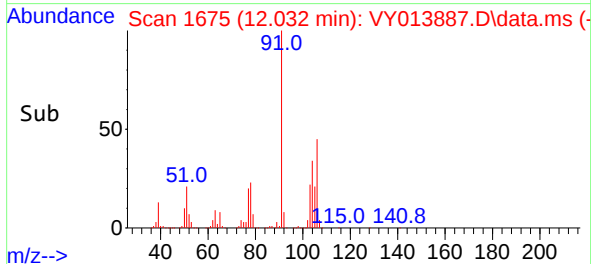
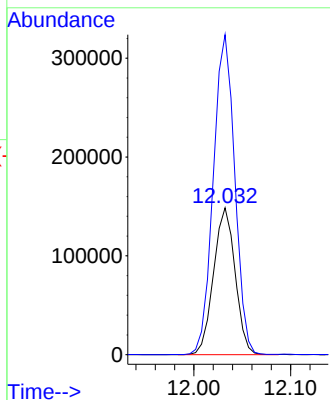
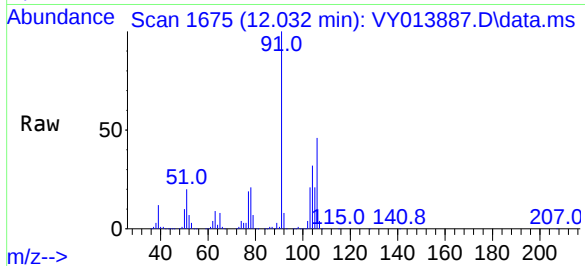




#69
o-Xylene
Concen: 52.762 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

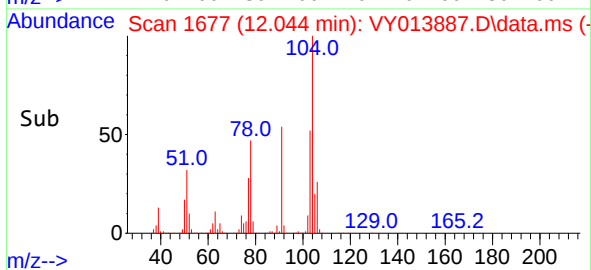
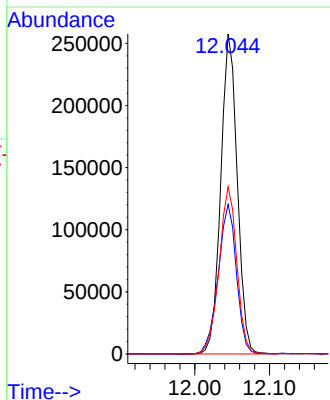
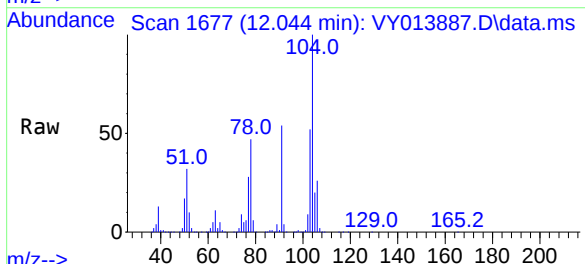
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

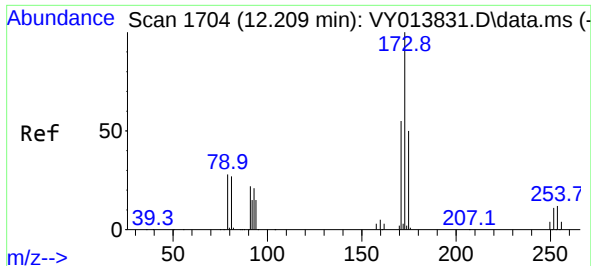
Tgt Ion:106 Resp: 230244
Ion Ratio Lower Upper
106 100
91 216.9 109.0 327.0



#70
Styrene
Concen: 53.664 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion:104 Resp: 396685
Ion Ratio Lower Upper
104 100
78 51.5 40.8 61.2
103 56.0 44.2 66.4

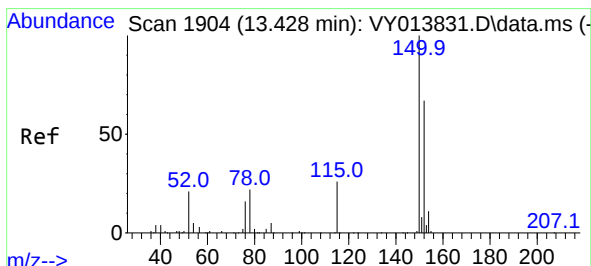
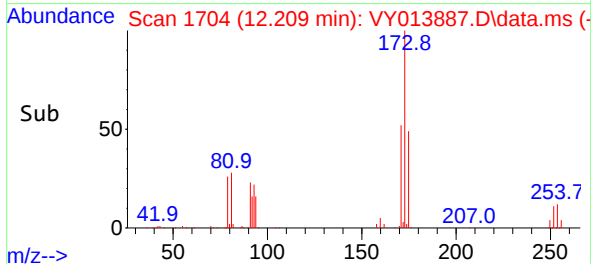
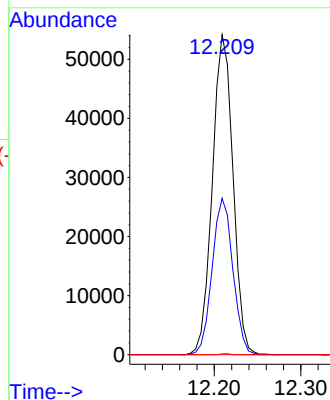
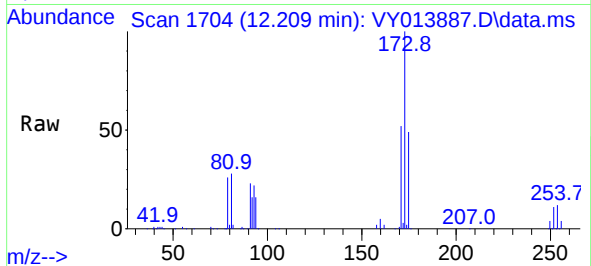




#71
Bromoform
Concen: 52.185 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

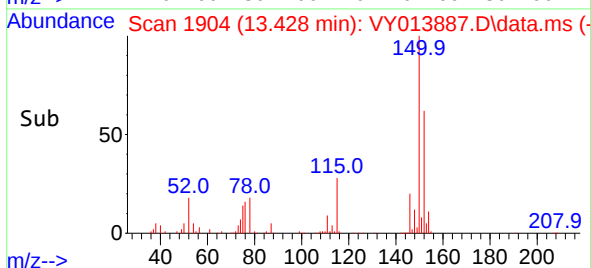
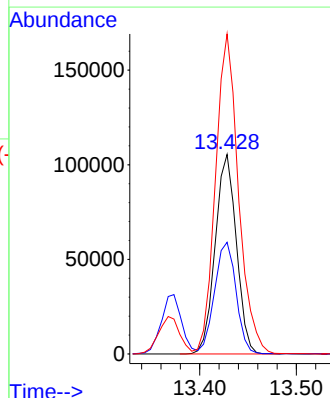
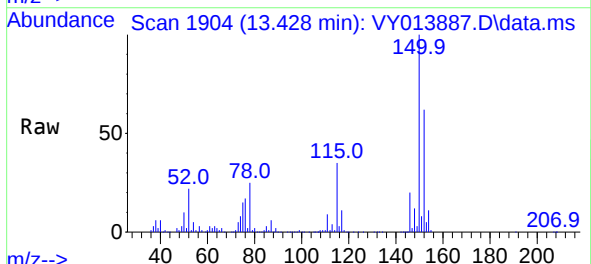
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

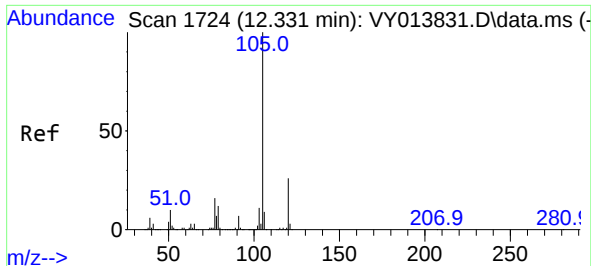
Tgt Ion:173 Resp: 89548
Ion Ratio Lower Upper
173 100
175 49.0 25.1 75.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion:152 Resp: 160056
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 174.1 0.0 353.4

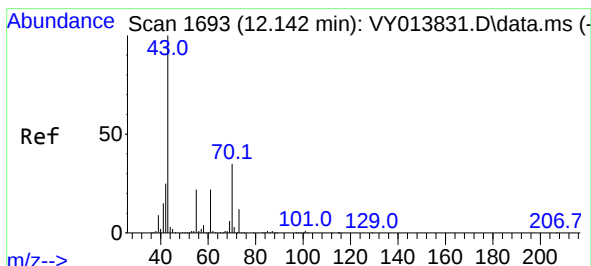
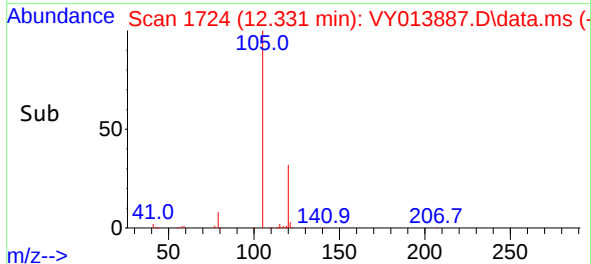
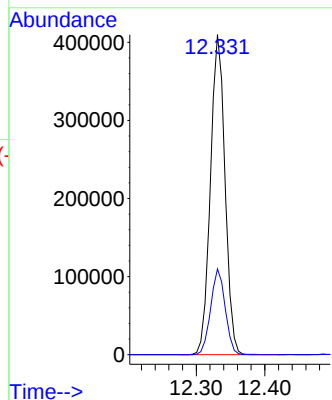
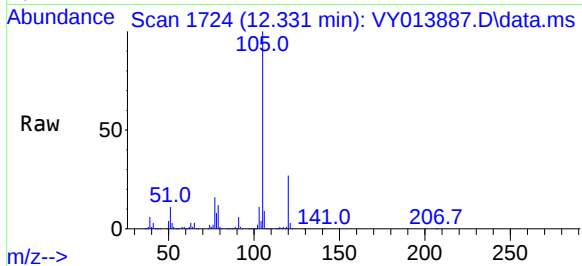




#73
Isopropylbenzene
Concen: 50.903 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

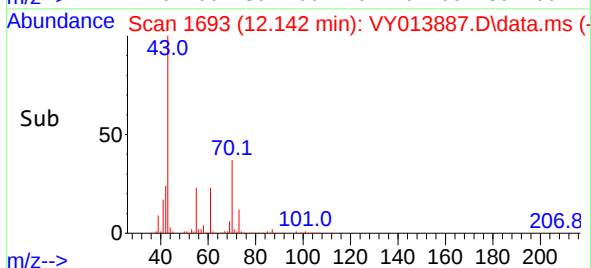
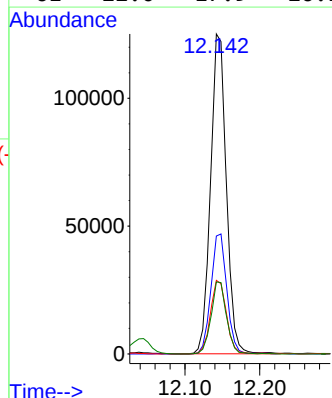
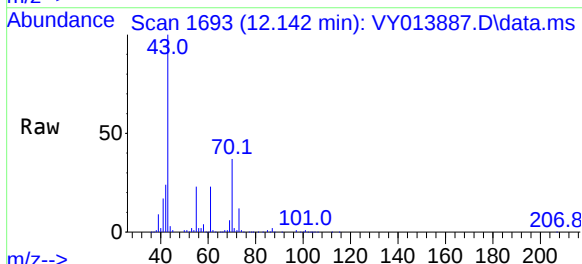
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

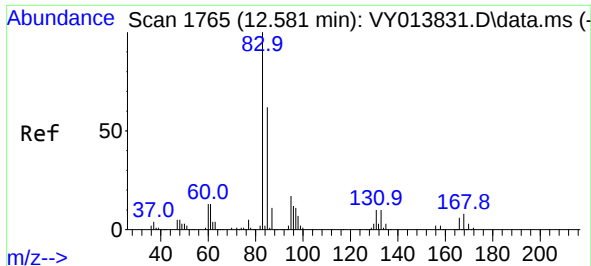
Tgt Ion:105 Resp: 606406
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 51.234 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 43 Resp: 183502
Ion Ratio Lower Upper
43 100
70 37.9 29.3 43.9
55 23.3 18.0 27.0
61 22.0 17.9 26.9

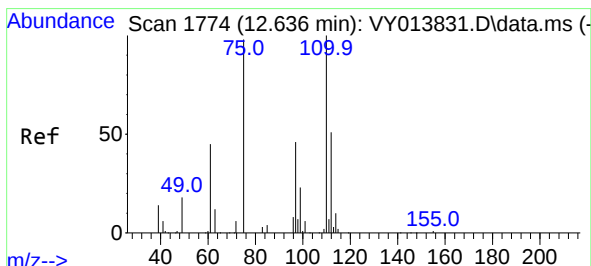
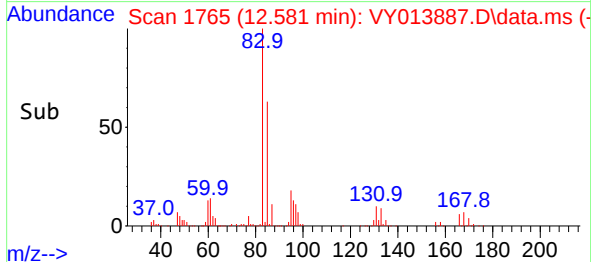
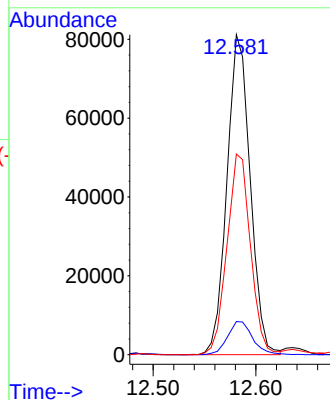
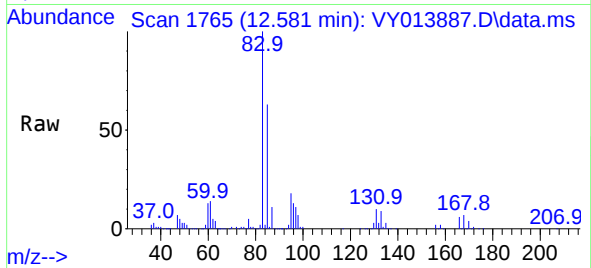




#75
1,1,2,2-Tetrachloroethane
Concen: 51.721 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

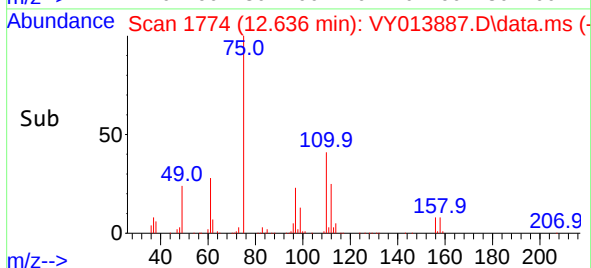
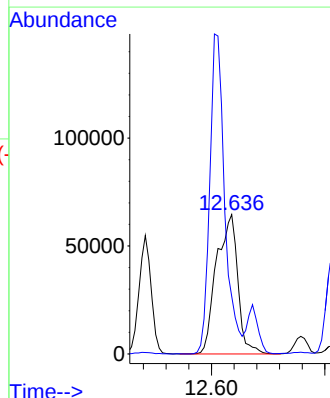
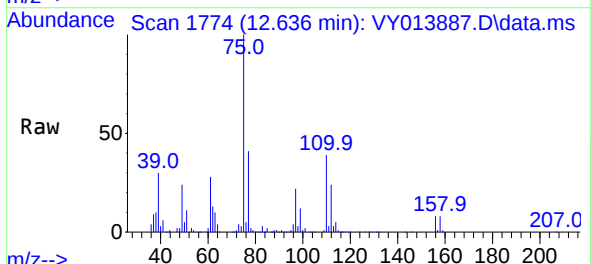
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

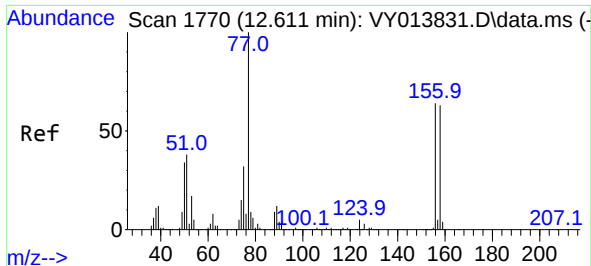
Tgt Ion: 83 Resp: 127549
Ion Ratio Lower Upper
83 100
131 11.2 5.3 16.1
85 63.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 89.378 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 75 Resp: 168680
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

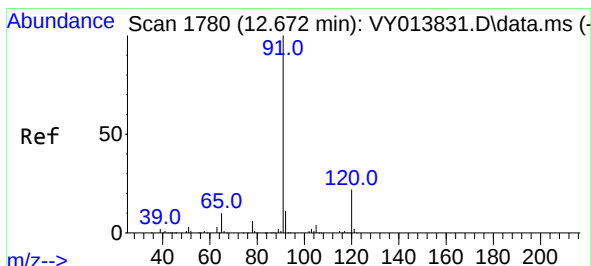
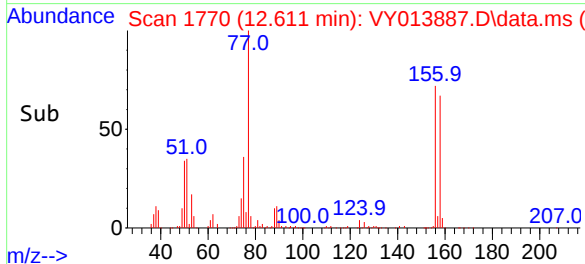
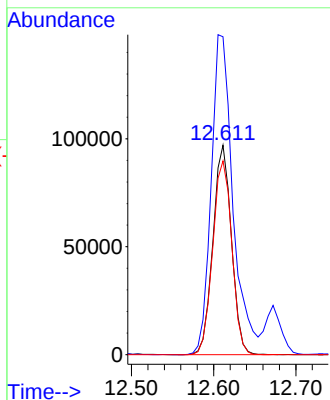
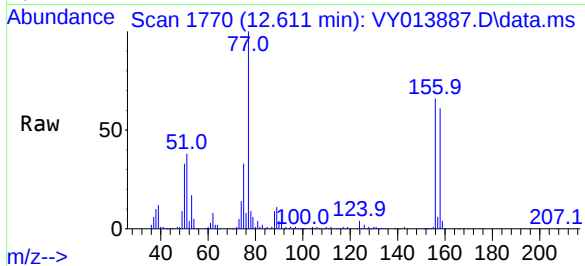




#77
Bromobenzene
Concen: 51.963 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

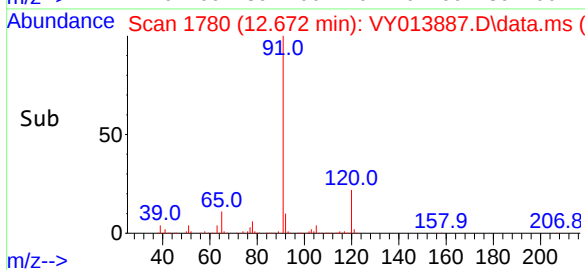
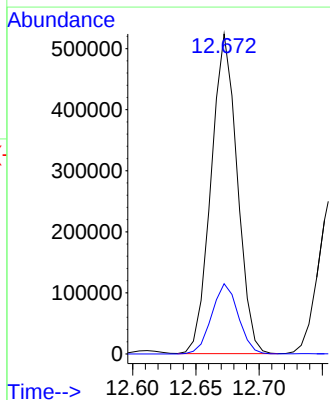
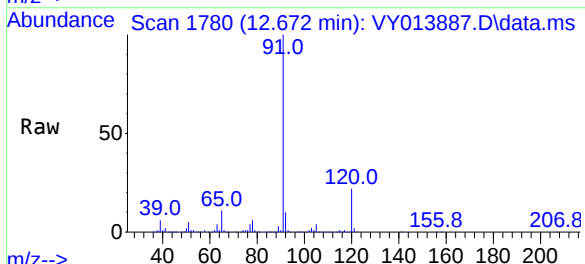
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

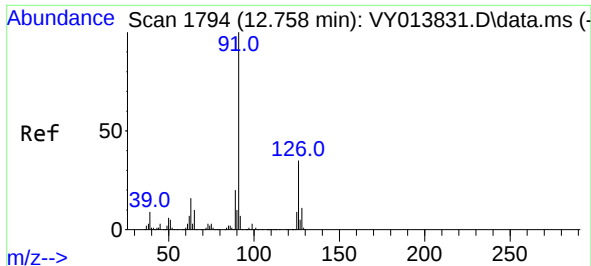
Tgt Ion:156 Resp: 151889
Ion Ratio Lower Upper
156 100
77 179.1 91.6 274.8
158 95.4 48.9 146.6



#78
n-propylbenzene
Concen: 51.160 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 91 Resp: 752930
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9





#79

2-Chlorotoluene

Concen: 50.800 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY013887.D

Acq: 25 May 2023 20:40

Instrument :

MSVOA_Y

ClientSampleId :

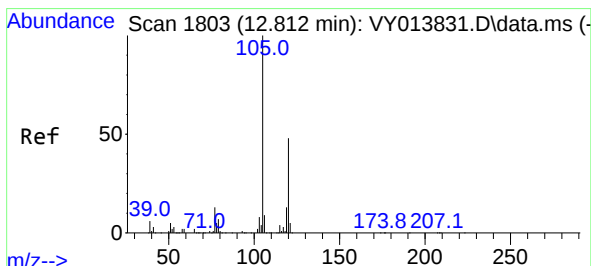
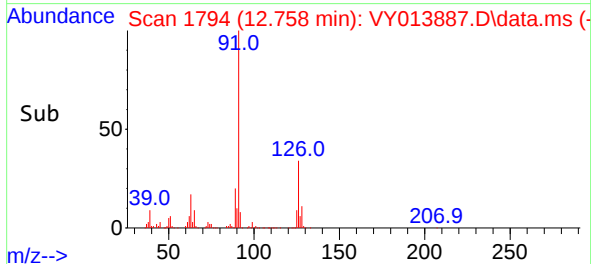
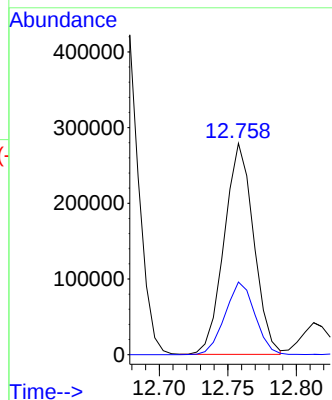
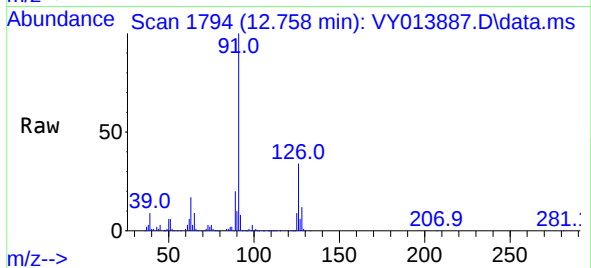
VSTDCCC050EC

Tgt Ion: 91 Resp: 417610

Ion Ratio Lower Upper

91 100

126 35.0 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 51.836 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013887.D

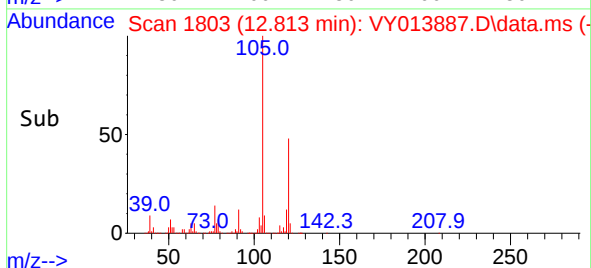
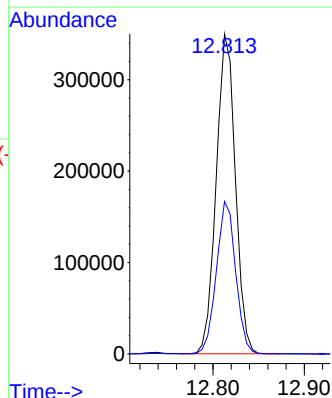
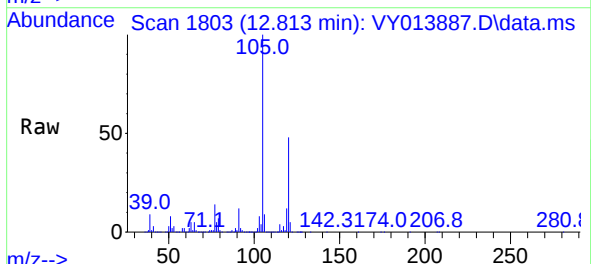
Acq: 25 May 2023 20:40

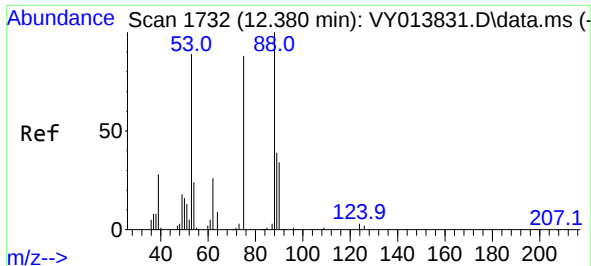
Tgt Ion: 105 Resp: 509728

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7

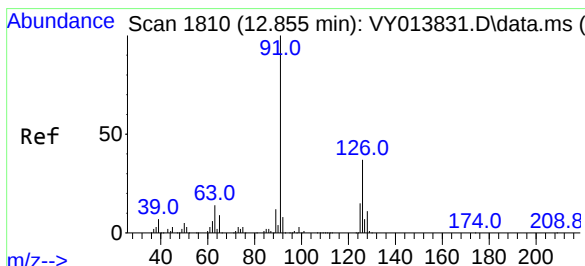
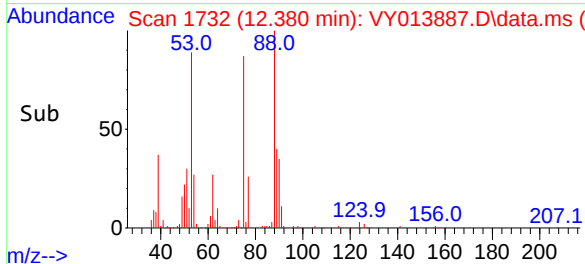
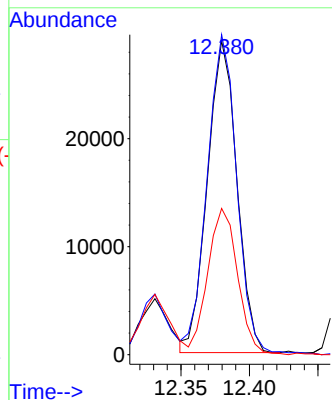
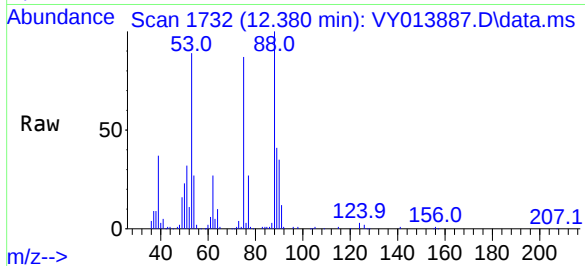




#81
trans-1,4-Dichloro-2-butene
Concen: 49.632 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

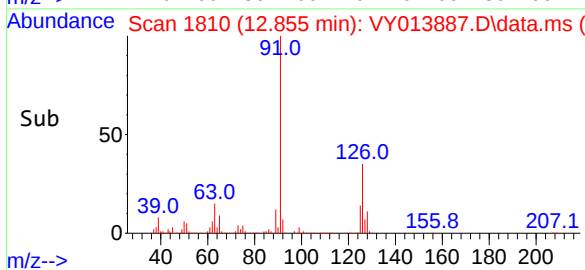
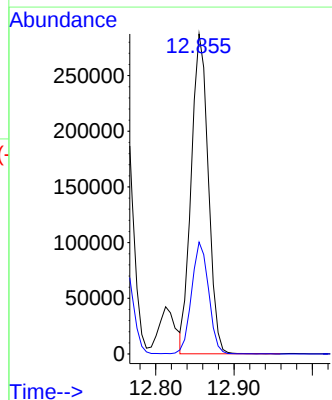
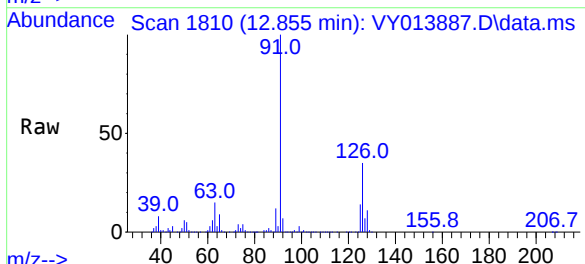
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

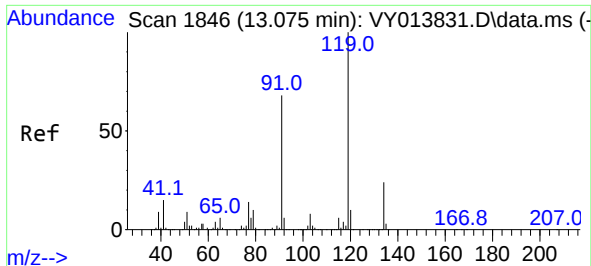
Tgt Ion: 75 Resp: 43152
Ion Ratio Lower Upper
75 100
53 104.2 79.7 119.5
89 47.5 36.4 54.6



#82
4-Chlorotoluene
Concen: 51.029 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 91 Resp: 433575
Ion Ratio Lower Upper
91 100
126 35.1 17.9 53.7

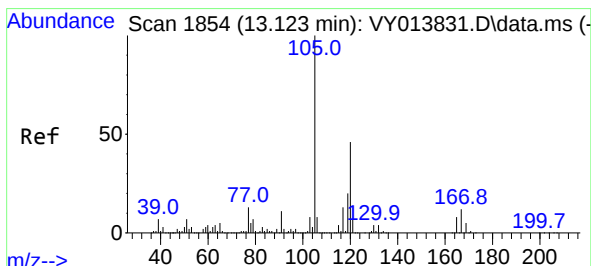
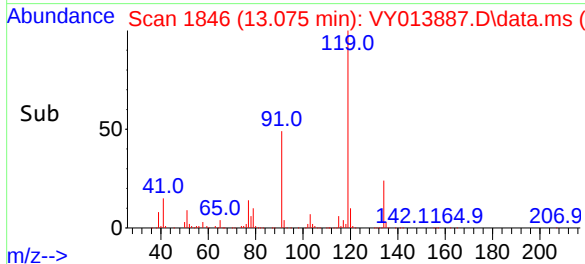
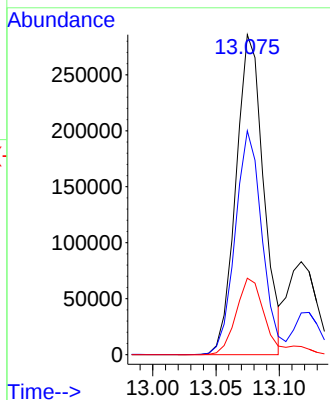
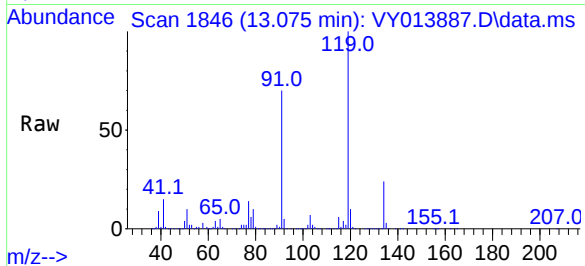




#83
tert-Butylbenzene
Concen: 50.678 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

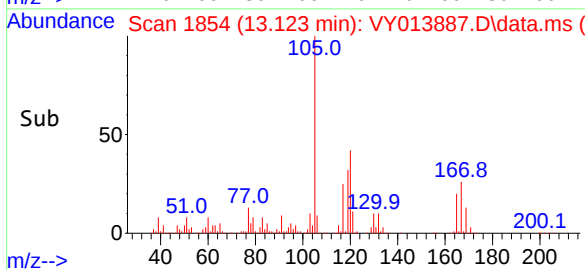
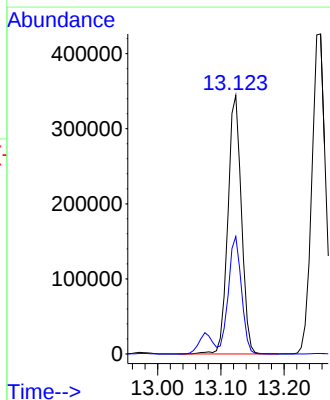
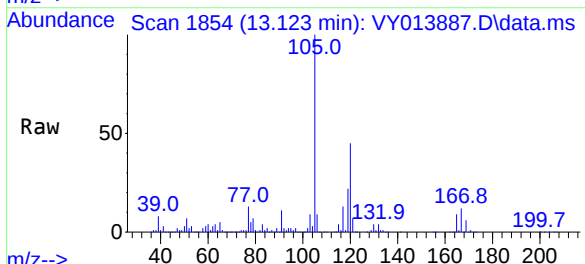
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

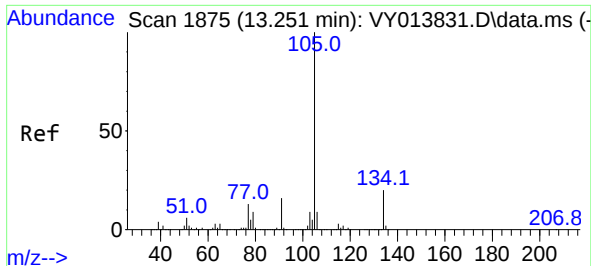
Tgt Ion:119 Resp: 434036
Ion Ratio Lower Upper
119 100
91 68.5 33.7 101.0
134 26.2 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 52.938 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion:105 Resp: 510989
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3

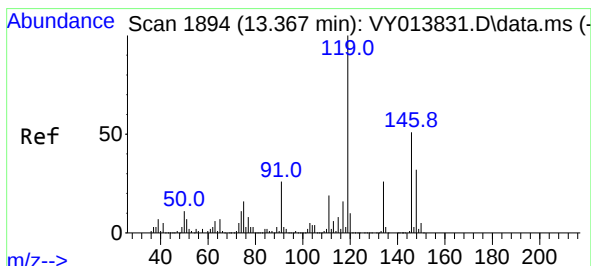
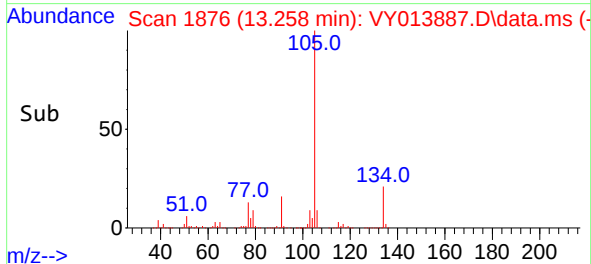
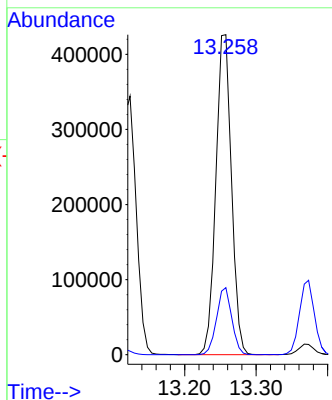
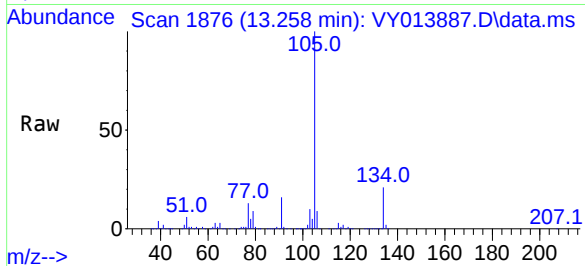




#85
 sec-Butylbenzene
 Concen: 50.710 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY013887.D
 Acq: 25 May 2023 20:40

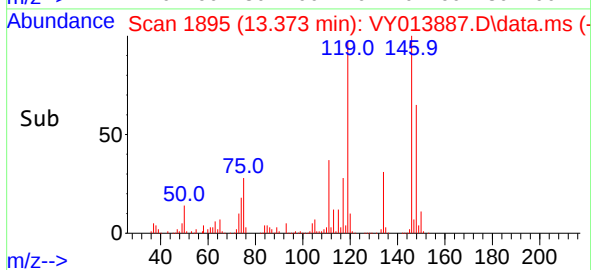
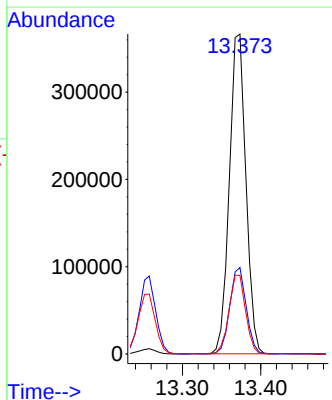
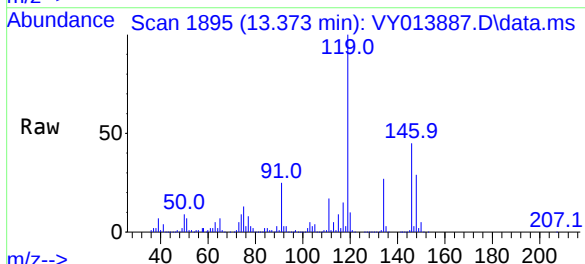
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

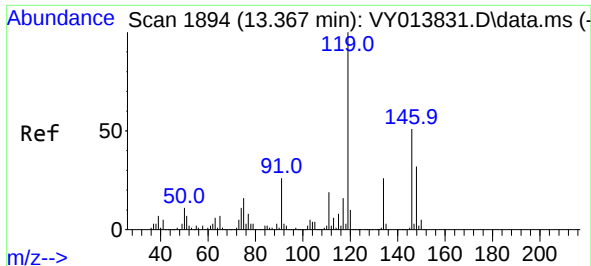
Tgt Ion:105 Resp: 645147
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 51.143 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013887.D
 Acq: 25 May 2023 20:40

Tgt Ion:119 Resp: 537778
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.6 12.4 37.4

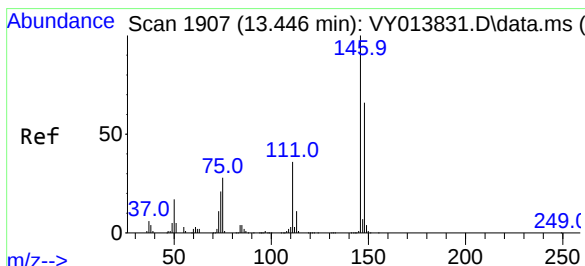
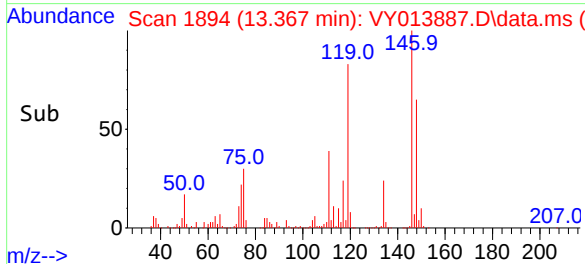
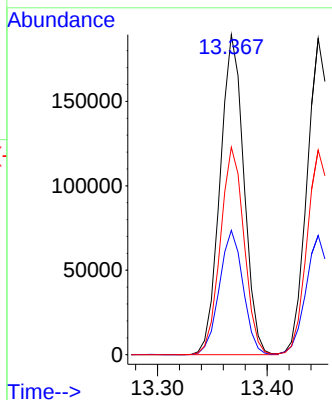
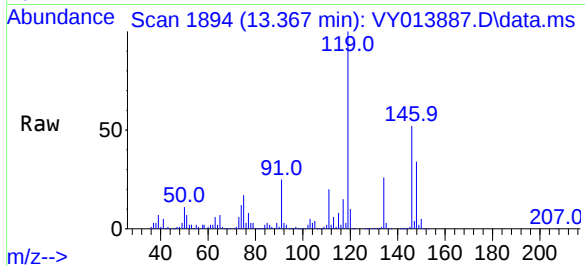




#87
1,3-Dichlorobenzene
Concen: 50.672 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

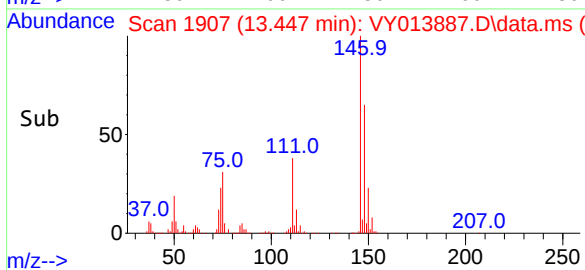
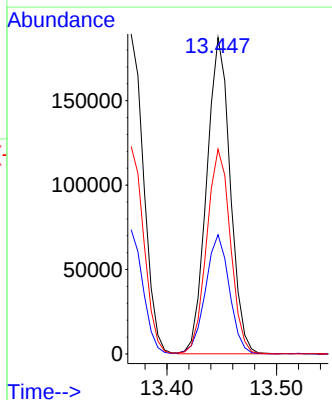
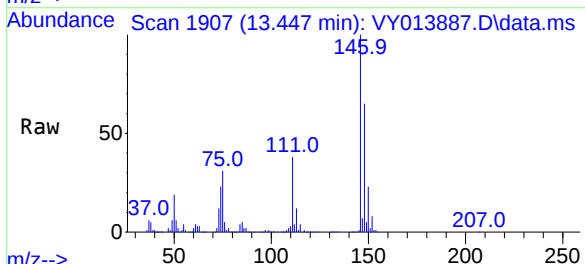
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

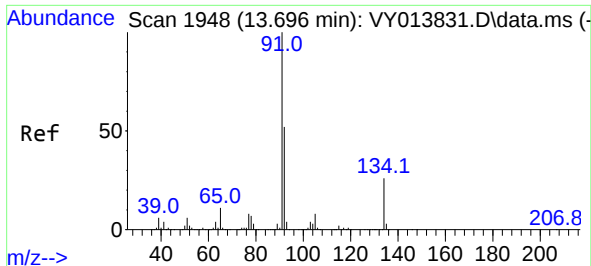
Tgt Ion:146 Resp: 286078
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.5
148 64.4 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 49.748 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion:146 Resp: 279619
Ion Ratio Lower Upper
146 100
111 38.1 18.6 55.8
148 65.4 32.4 97.2

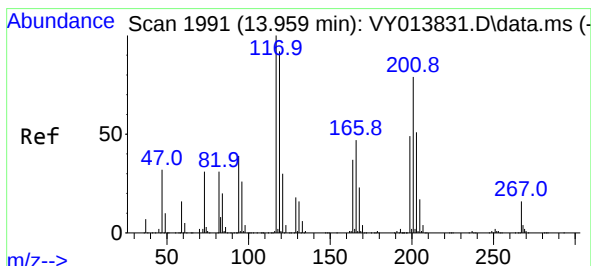
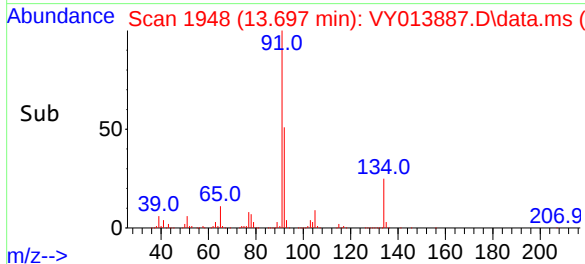
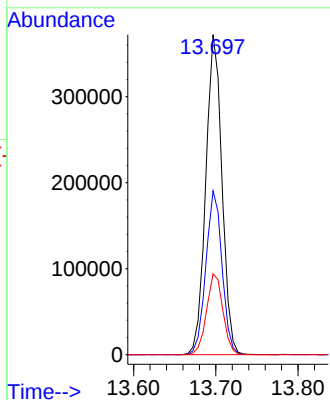
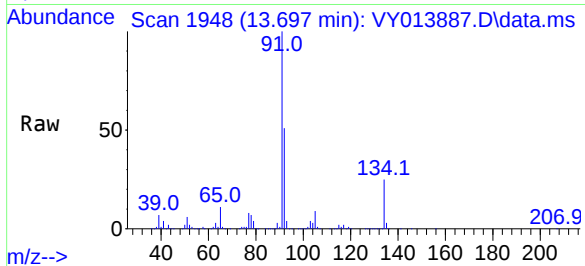




#89
n-Butylbenzene
Concen: 50.411 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

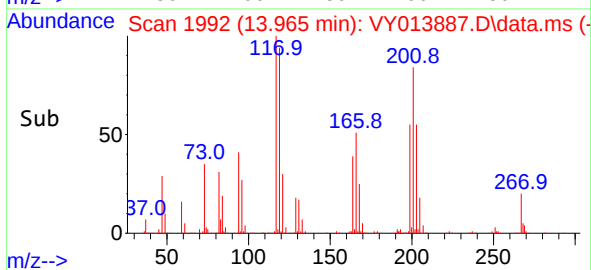
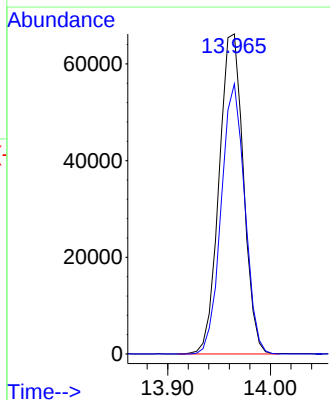
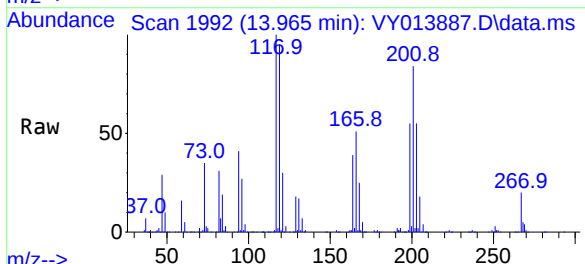
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

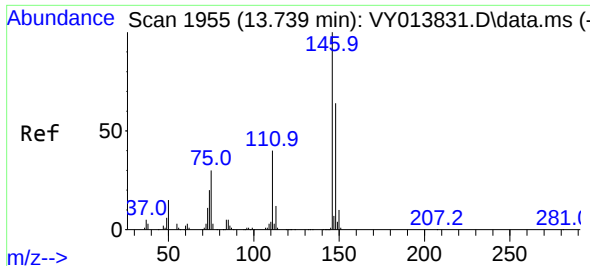
Tgt Ion: 91 Resp: 508327
Ion Ratio Lower Upper
91 100
92 51.2 25.6 76.6
134 25.6 13.0 38.9



#90
Hexachloroethane
Concen: 50.367 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 117 Resp: 108740
Ion Ratio Lower Upper
117 100
201 81.5 42.3 126.8

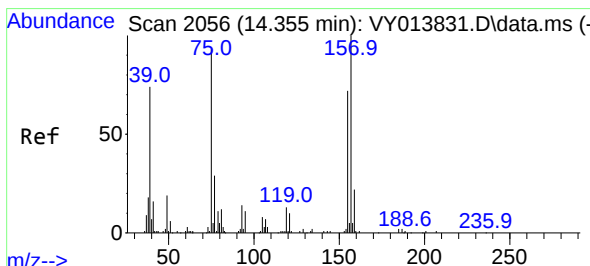
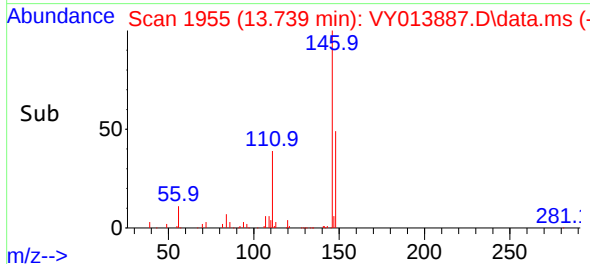
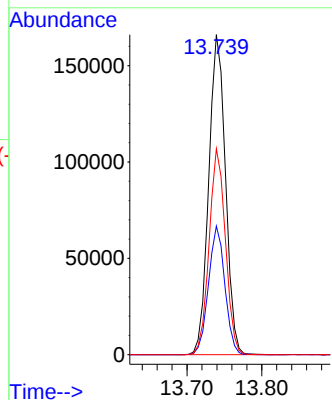
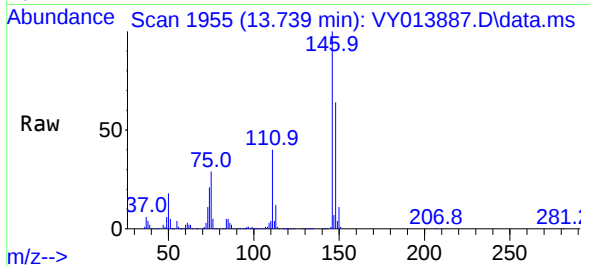




#91
1,2-Dichlorobenzene
Concen: 51.523 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

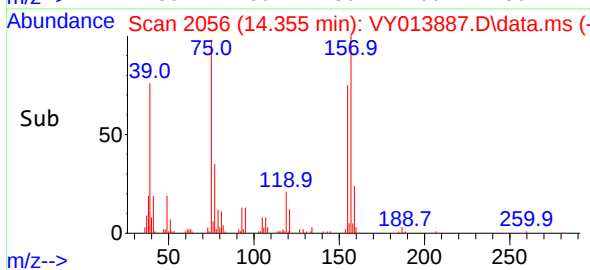
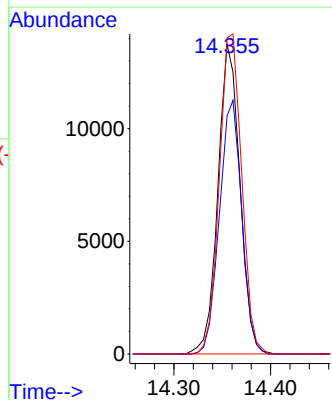
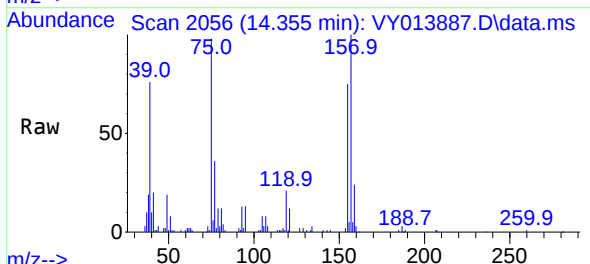
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

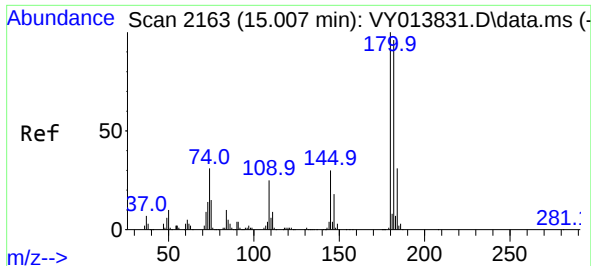
Tgt Ion:146 Resp: 258510
Ion Ratio Lower Upper
146 100
111 39.3 19.6 58.8
148 62.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.031 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion: 75 Resp: 21616
Ion Ratio Lower Upper
75 100
155 83.1 39.9 119.6
157 105.3 54.6 163.8

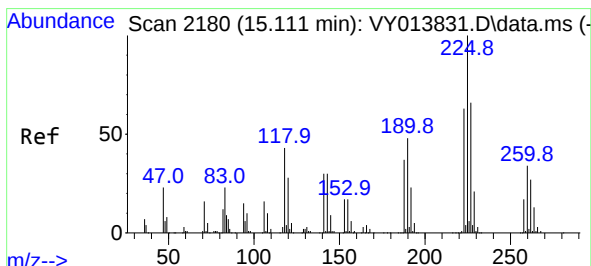
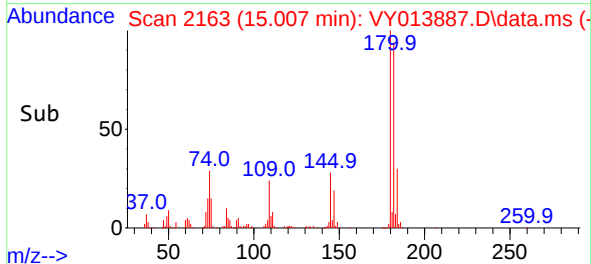
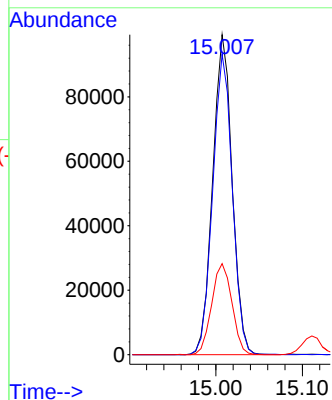
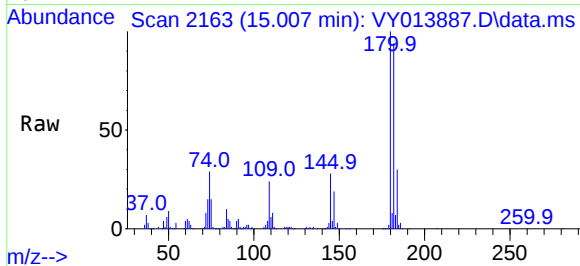




#93
1,2,4-Trichlorobenzene
Concen: 49.741 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

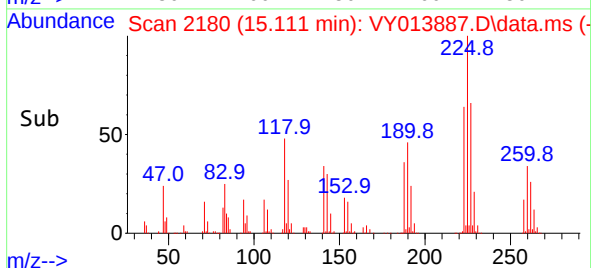
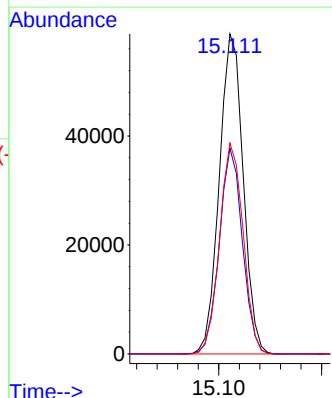
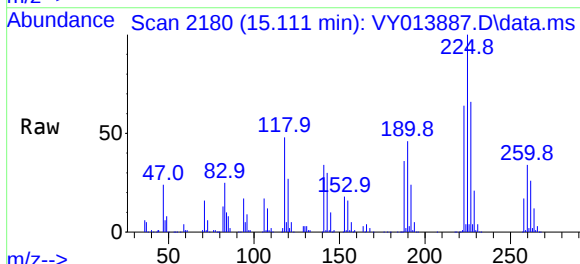
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

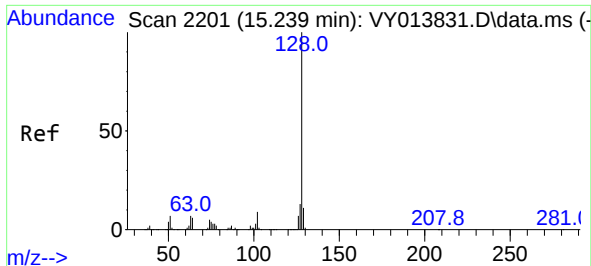
Tgt Ion:180 Resp: 154717
Ion Ratio Lower Upper
180 100
182 94.7 48.1 144.3
145 29.7 14.8 44.4



#94
Hexachlorobutadiene
Concen: 48.283 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion:225 Resp: 94692
Ion Ratio Lower Upper
225 100
223 62.0 31.3 93.9
227 64.9 32.9 98.6

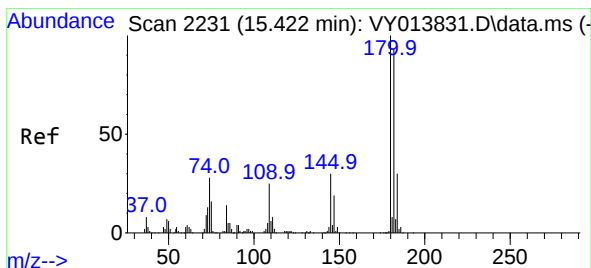
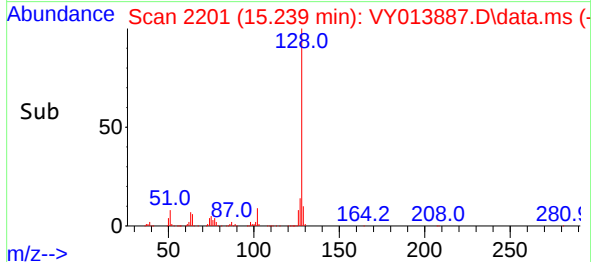
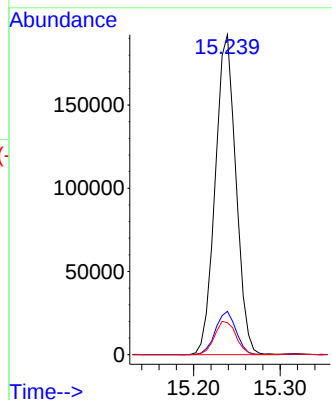
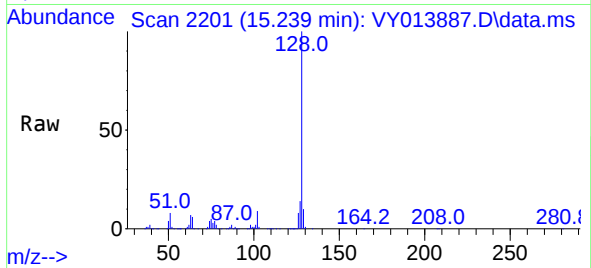




#95
Naphthalene
Concen: 47.057 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 319436
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.8 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 50.421 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY013887.D
Acq: 25 May 2023 20:40

Tgt Ion:180 Resp: 139471
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 31.1 15.5 46.5

