

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011938.D
 Acq On : 21 Dec 2022 11:20
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 22 00:12:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	237623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	362430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	321098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155779	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114088	47.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.320%
35) Dibromofluoromethane	7.716	113	107428	49.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.480%
50) Toluene-d8	10.179	98	438886	49.577	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.483	95	143482	48.192	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	95700	50.471	ug/l	99
3) Chloromethane	2.119	50	102929	48.669	ug/l	98
4) Vinyl Chloride	2.253	62	114642	49.154	ug/l	98
5) Bromomethane	2.656	94	79291	47.786	ug/l	97
6) Chloroethane	2.796	64	71713	47.041	ug/l	95
7) Trichlorofluoromethane	3.131	101	192908	47.249	ug/l	95
8) Diethyl Ether	3.534	74	58809	46.683	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.900	101	107371	47.773	ug/l	99
10) Methyl Iodide	4.095	142	147225	47.345	ug/l	98
11) Tert butyl alcohol	4.960	59	50109	207.566	ug/l	100
12) 1,1-Dichloroethene	3.875	96	105482	46.919	ug/l	96
13) Acrolein	3.735	56	50638	226.276	ug/l	100
14) Allyl chloride	4.479	41	152858	46.171	ug/l	94
15) Acrylonitrile	5.168	53	136264	232.533	ug/l	99
16) Acetone	3.948	43	173537	242.937	ug/l	99
17) Carbon Disulfide	4.198	76	336583	46.934	ug/l	100
18) Methyl Acetate	4.485	43	73568	44.473	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	273961	47.494	ug/l	97
20) Methylene Chloride	4.716	84	128163	46.052	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	119694	46.856	ug/l	96
22) Diisopropyl ether	6.119	45	312710	47.958	ug/l	96
23) Vinyl Acetate	6.064	43	910691	242.754	ug/l	99
24) 1,1-Dichloroethane	6.021	63	196801	46.433	ug/l	99
25) 2-Butanone	6.984	43	193928	243.182	ug/l	99
26) 2,2-Dichloropropane	6.984	77	188795	45.521	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	128589	46.542	ug/l	99
28) Bromochloromethane	7.338	49	57442	49.388	ug/l	94
29) Tetrahydrofuran	7.350	42	105179	232.789	ug/l	96
30) Chloroform	7.509	83	210032	45.975	ug/l	98
31) Cyclohexane	7.783	56	184220	45.710	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	199741	45.968	ug/l	99
36) 1,1-Dichloropropene	7.917	75	163637	46.755	ug/l	98
37) Ethyl Acetate	7.070	43	73443	46.772	ug/l	99
38) Carbon Tetrachloride	7.899	117	187177	46.307	ug/l	97
39) Methylcyclohexane	9.185	83	203112	48.230	ug/l	98
40) Benzene	8.161	78	461990	46.126	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	98450	129.657	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	132325	45.893	ug/l	100
43) Isopropyl Acetate	8.271	43	133320	46.489	ug/l	98
44) Trichloroethene	8.941	130	130454	46.209	ug/l	100
45) 1,2-Dichloropropane	9.216	63	107840	46.599	ug/l	98
46) Dibromomethane	9.307	93	60393	45.306	ug/l	99
47) Bromodichloromethane	9.496	83	156483	46.272	ug/l	98
48) Methyl methacrylate	9.295	41	63889	48.116	ug/l	96
49) 1,4-Dioxane	9.295	88	15594	979.810	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	358697	234.570	ug/l	99
52) Toluene	10.246	92	299683	46.962	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	157184	45.998	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	178856	46.564	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	83851	44.327	ug/l	97
56) Ethyl methacrylate	10.514	69	114369	47.753	ug/l	99
57) 1,3-Dichloropropane	10.789	76	145876	46.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	217604	235.457	ug/l	97
59) 2-Hexanone	10.831	43	275096	244.536	ug/l	98
60) Dibromochloromethane	10.984	129	109489	45.946	ug/l	99
61) 1,2-Dibromoethane	11.093	107	80912	45.719	ug/l	99
64) Tetrachloroethene	10.721	164	131537	46.800	ug/l	95
65) Chlorobenzene	11.520	112	305367	45.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	115055	46.382	ug/l	99
67) Ethyl Benzene	11.593	91	568626	47.183	ug/l	99
68) m/p-Xylenes	11.703	106	443272	94.576	ug/l	100
69) o-Xylene	12.032	106	208711	47.859	ug/l	99
70) Styrene	12.044	104	348986	47.661	ug/l	99
71) Bromoform	12.209	173	68338	46.493	ug/l	100
73) Isopropylbenzene	12.331	105	561995	48.617	ug/l	99
74) N-amyl acetate	12.148	43	112826	47.608	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	90375	46.864	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	126389	65.202	ug/l #	100
77) Bromobenzene	12.611	156	125878	47.069	ug/l	97
78) n-propylbenzene	12.672	91	673482	48.469	ug/l	100
79) 2-Chlorotoluene	12.758	91	370723	47.464	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	477601	48.257	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	32596	46.050	ug/l	98
82) 4-Chlorotoluene	12.855	91	380537	47.088	ug/l	99
83) tert-Butylbenzene	13.075	119	416131	49.612	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	469738	48.245	ug/l	99
85) sec-Butylbenzene	13.258	105	604434	48.258	ug/l	99
86) p-Isopropyltoluene	13.373	119	511439	48.393	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	250517	46.578	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	247054	46.206	ug/l	99
89) n-Butylbenzene	13.697	91	461367	48.224	ug/l	99
90) Hexachloroethane	13.965	117	93469	46.352	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	220059	46.932	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15579	47.008	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	131269	47.591	ug/l	97
94) Hexachlorobutadiene	15.111	225	82649	46.373	ug/l	100
95) Naphthalene	15.239	128	242363	42.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	109488	46.950	ug/l	98

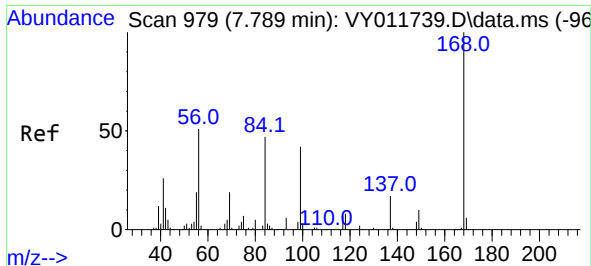
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
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Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

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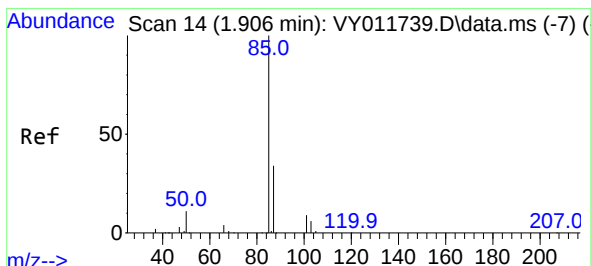
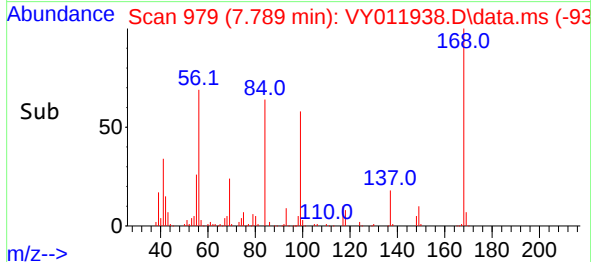
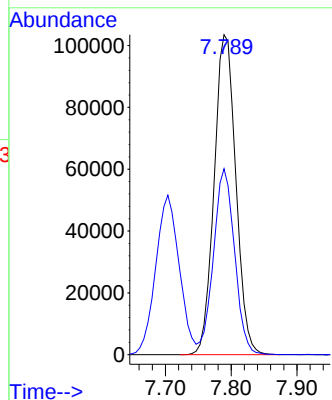
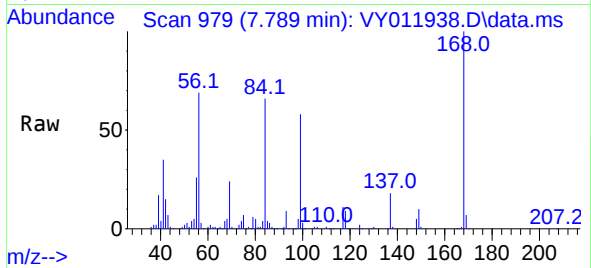
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

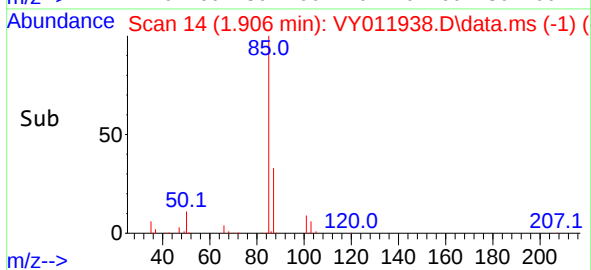
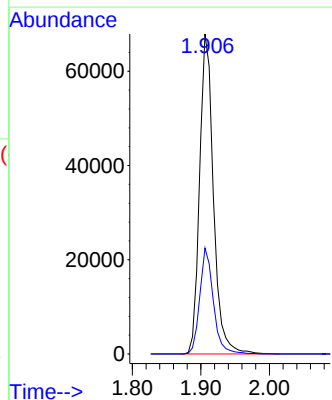
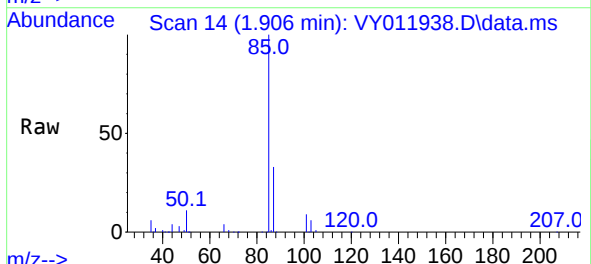
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 237623
Ion Ratio Lower Upper
168 100
99 58.1 44.0 66.0

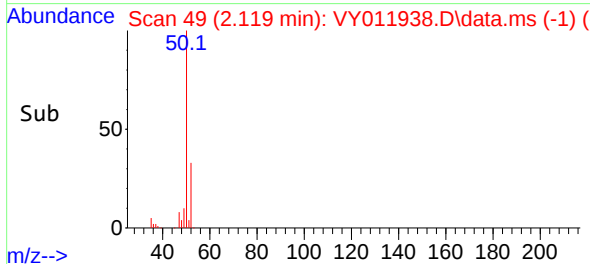
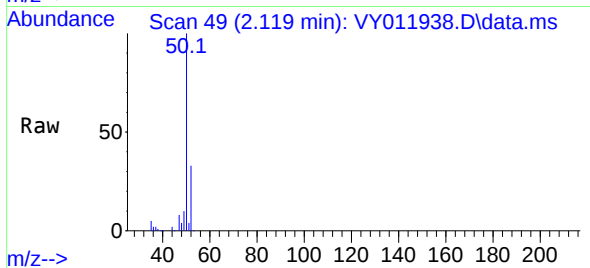
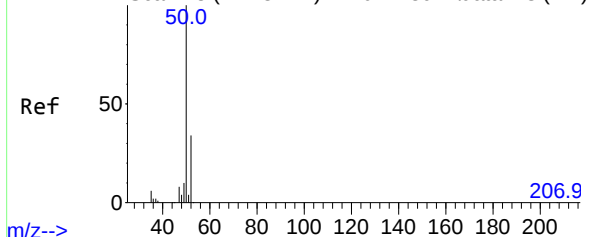


#2
Dichlorodifluoromethane
Concen: 50.471 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 85 Resp: 95700
Ion Ratio Lower Upper
85 100
87 33.1 16.8 50.4



Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



#3

Chloromethane

Concen: 48.669 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

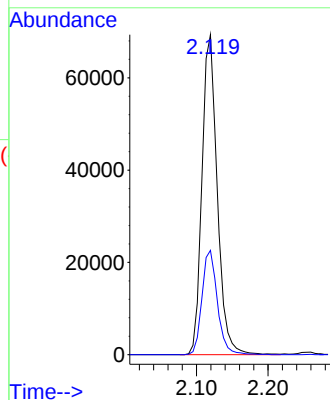
VSTDCCC050

Tgt Ion: 50 Resp: 102929

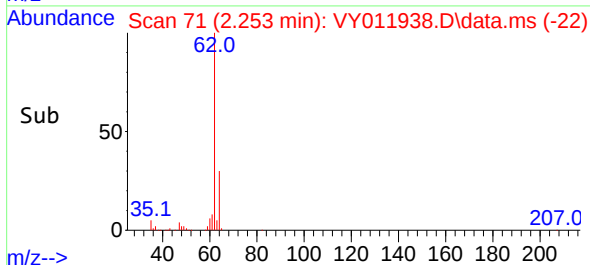
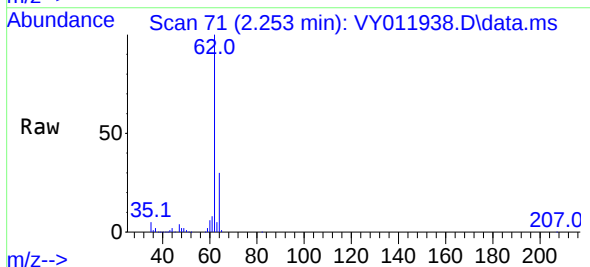
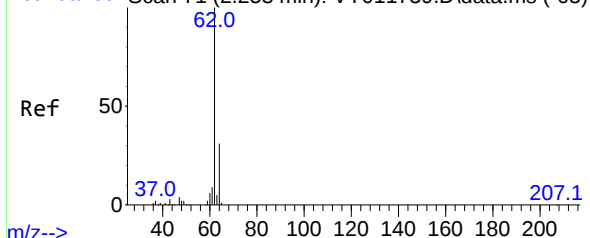
Ion Ratio Lower Upper

50 100

52 32.6 26.8 40.2



Abundance Scan 71 (2.253 min): VY011739.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 49.154 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY011938.D

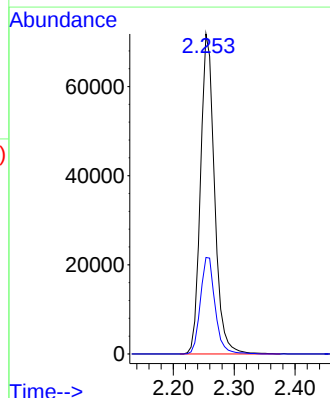
Acq: 21 Dec 2022 11:20

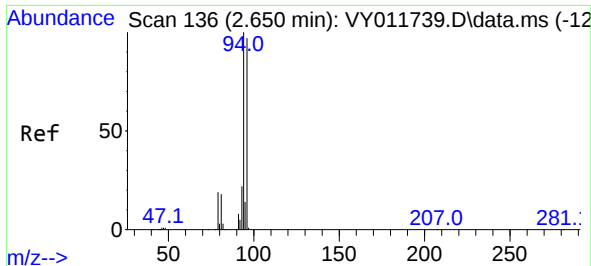
Tgt Ion: 62 Resp: 114642

Ion Ratio Lower Upper

62 100

64 30.1 25.0 37.6

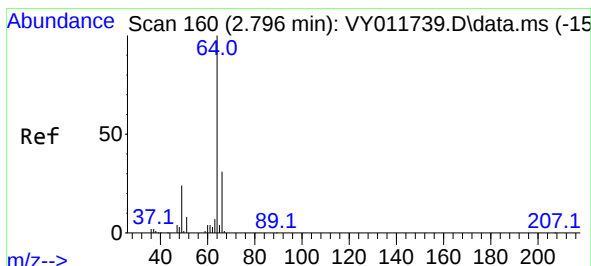
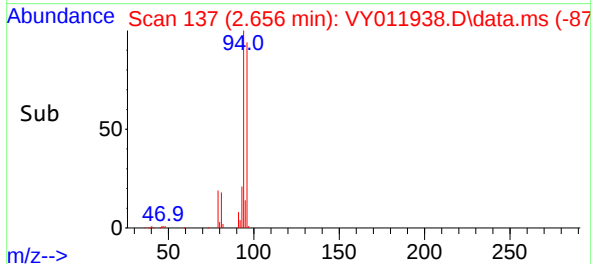
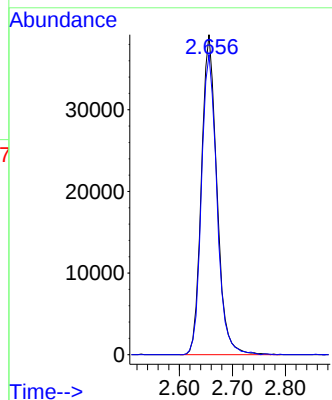
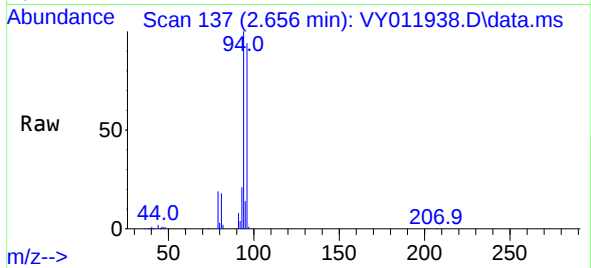




#5
Bromomethane
Concen: 47.786 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

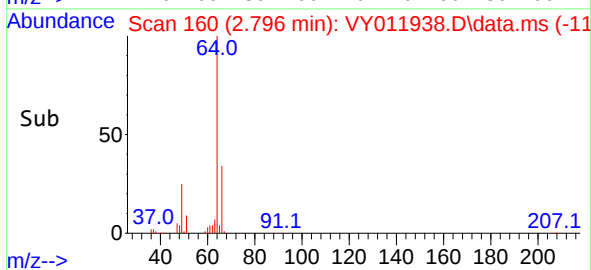
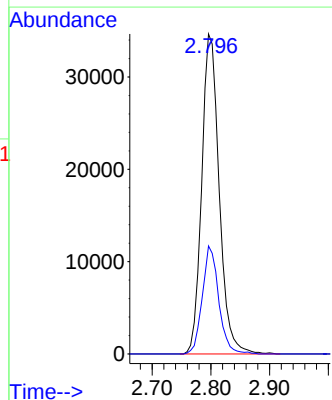
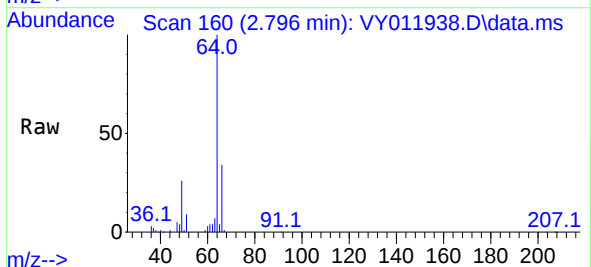
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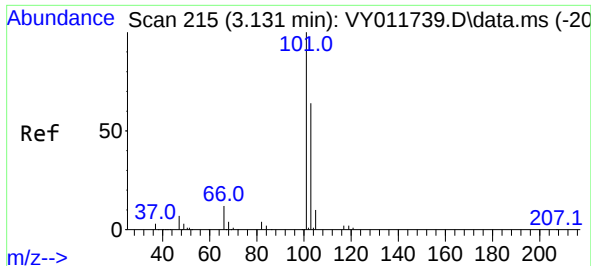
Tgt Ion: 94 Resp: 79291
Ion Ratio Lower Upper
94 100
96 93.7 77.4 116.2



#6
Chloroethane
Concen: 47.041 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 64 Resp: 71713
Ion Ratio Lower Upper
64 100
66 33.8 25.0 37.4

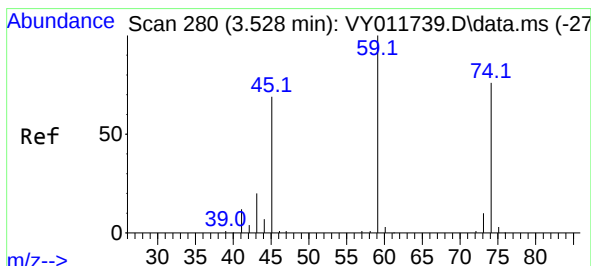
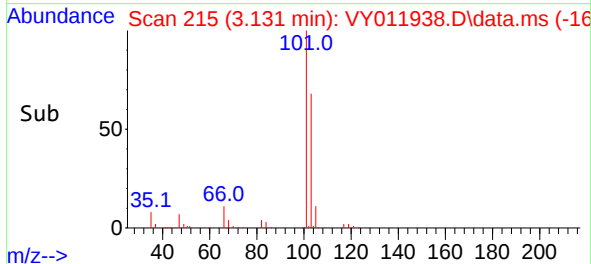
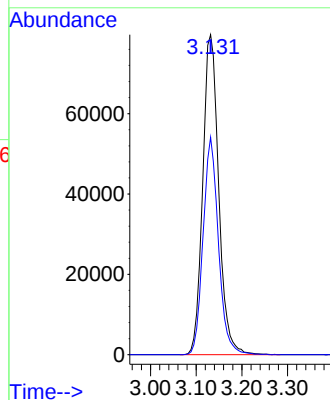
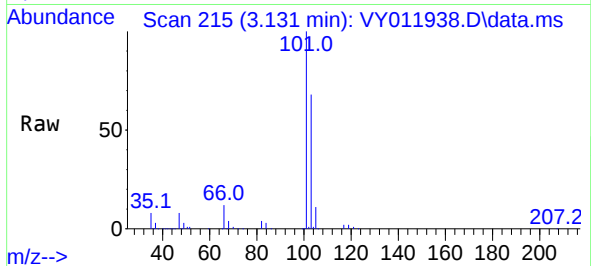




#7
Trichlorofluoromethane
Concen: 47.249 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

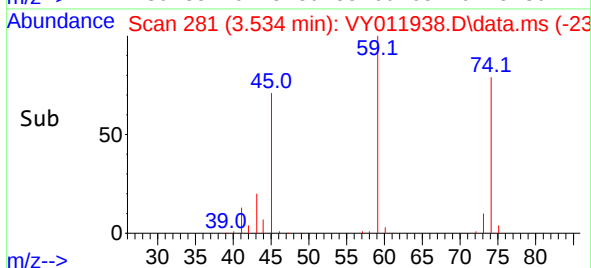
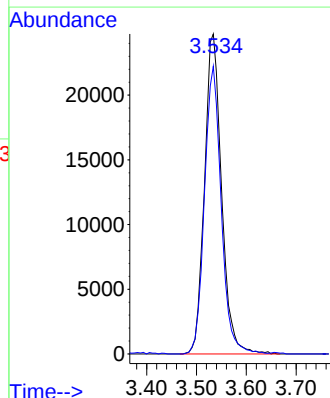
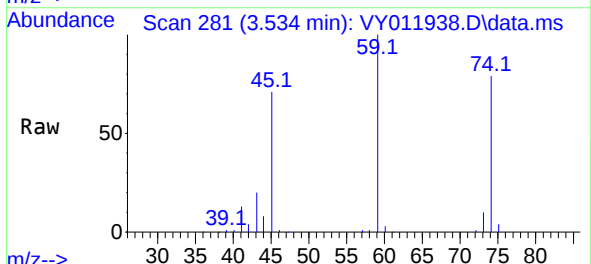
Instrument :
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ClientSampleId :
VSTDCCC050

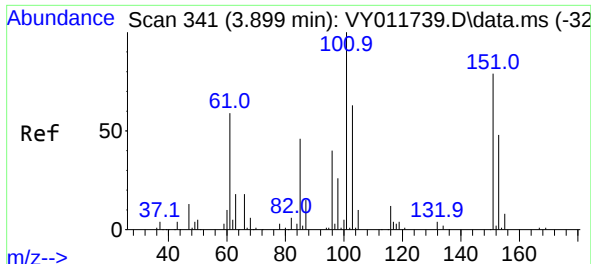
Tgt Ion:101 Resp: 192908
Ion Ratio Lower Upper
101 100
103 68.0 51.0 76.6



#8
Diethyl Ether
Concen: 46.683 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 74 Resp: 58809
Ion Ratio Lower Upper
74 100
45 88.3 46.8 140.3

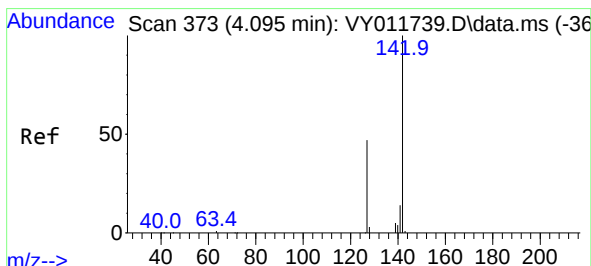
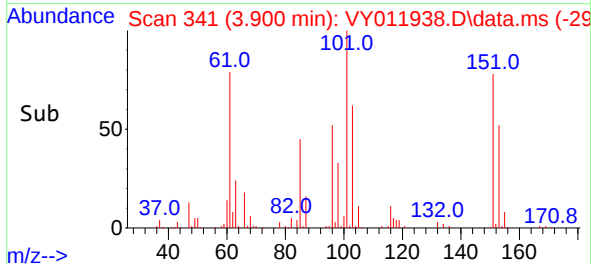
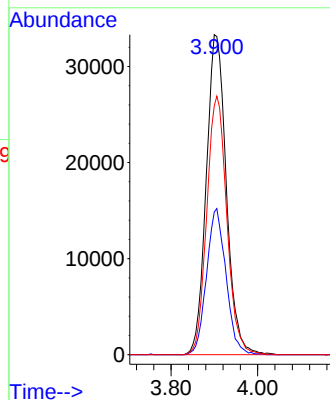
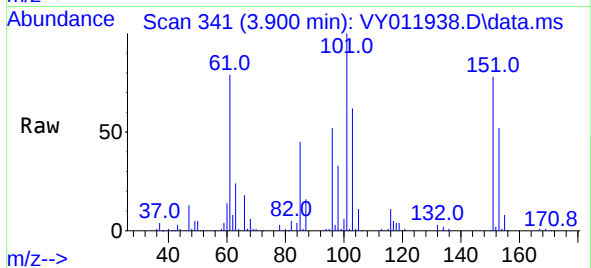




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.773 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

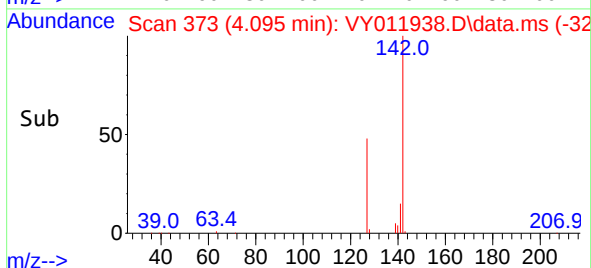
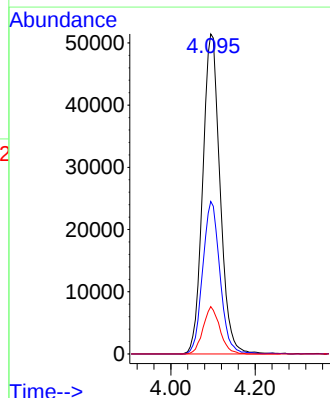
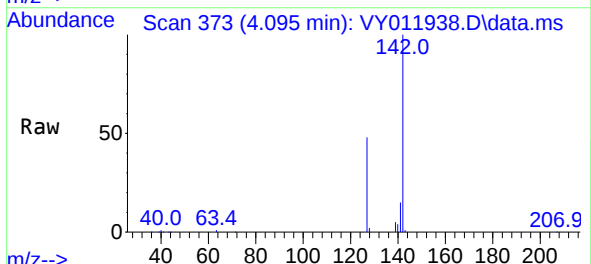
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

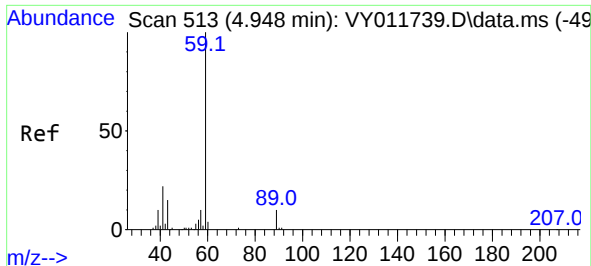
Tgt Ion:101 Resp: 107371
Ion Ratio Lower Upper
101 100
85 44.2 36.2 54.2
151 80.8 64.2 96.2



#10
Methyl Iodide
Concen: 47.345 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion:142 Resp: 147225
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 14.3 11.4 17.0

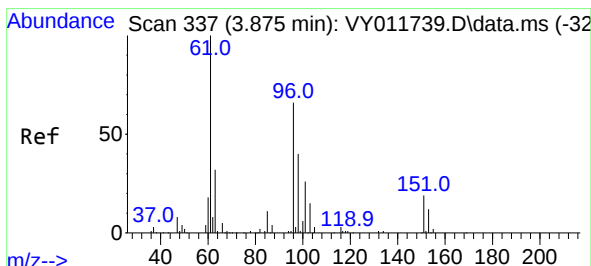
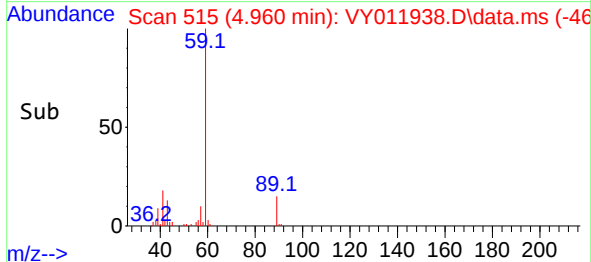
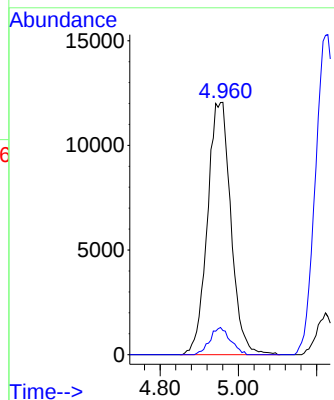
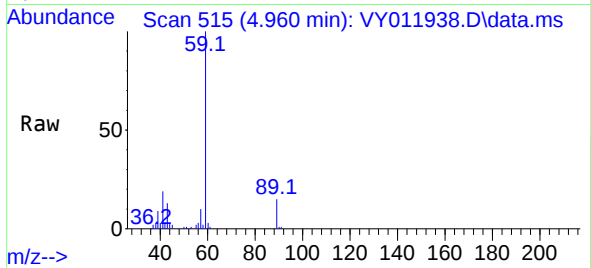




#11
Tert butyl alcohol
Concen: 207.566 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

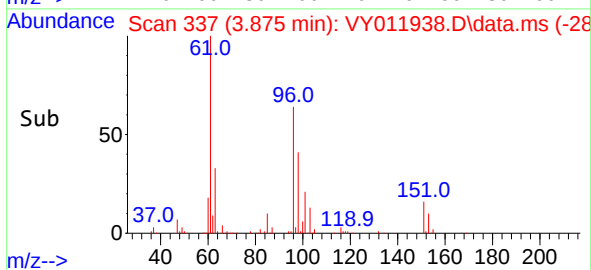
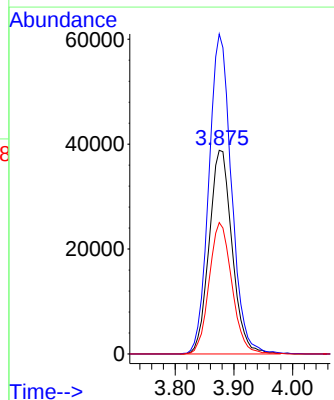
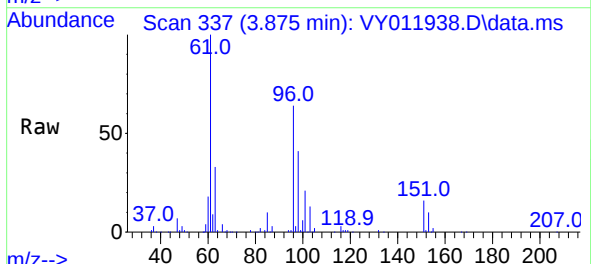
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

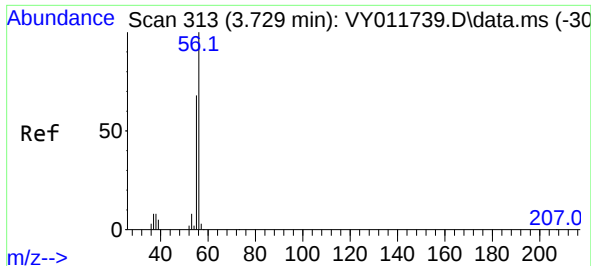
Tgt Ion: 59 Resp: 50109
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.2



#12
1,1-Dichloroethene
Concen: 46.919 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 96 Resp: 105482
Ion Ratio Lower Upper
96 100
61 157.2 122.0 183.0
98 64.5 48.6 73.0

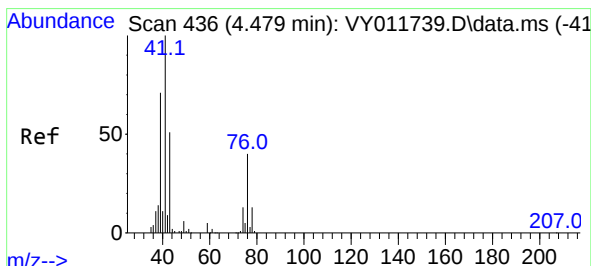
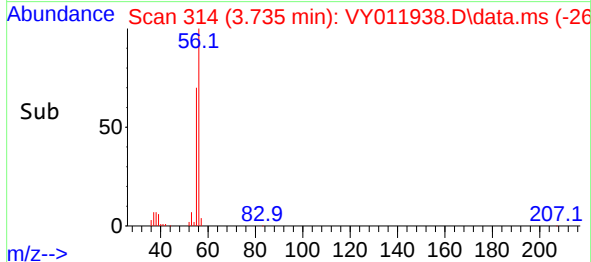
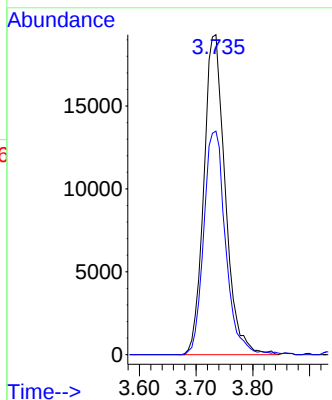
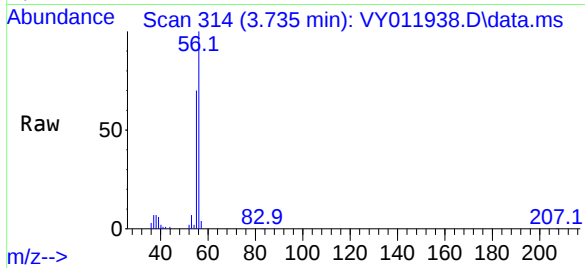




#13
Acrolein
Concen: 226.276 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

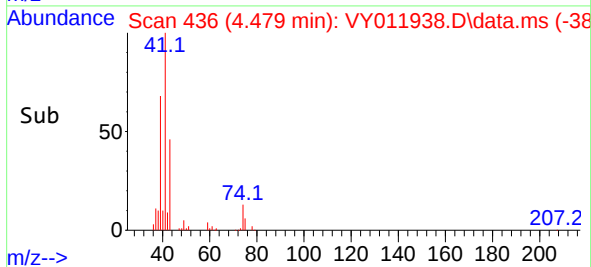
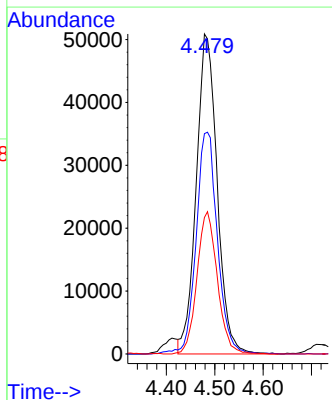
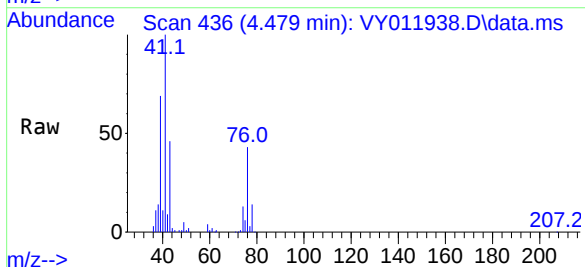
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

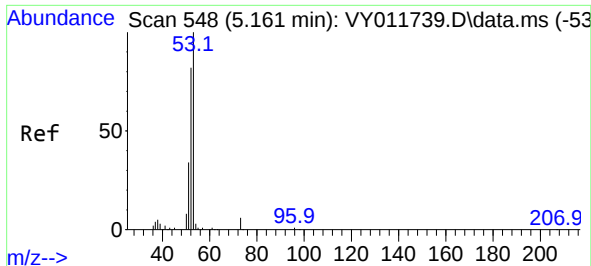
Tgt Ion: 56 Resp: 50638
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0



#14
Allyl chloride
Concen: 46.171 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 41 Resp: 152858
Ion Ratio Lower Upper
41 100
39 70.7 53.5 80.3
76 43.4 31.1 46.7

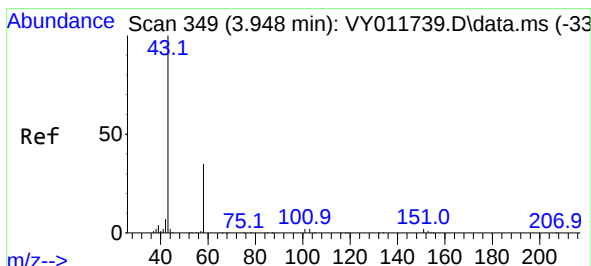
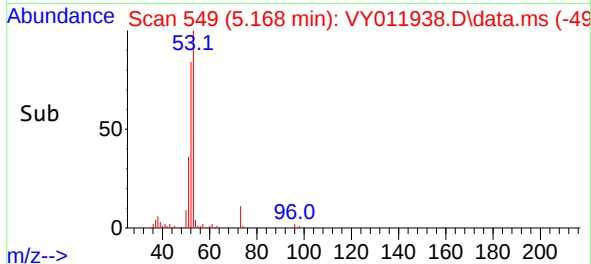
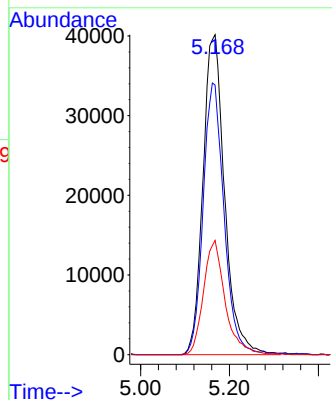
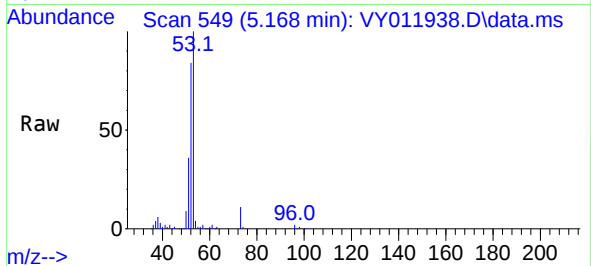




#15
Acrylonitrile
Concen: 232.533 ug/l
RT: 5.168 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

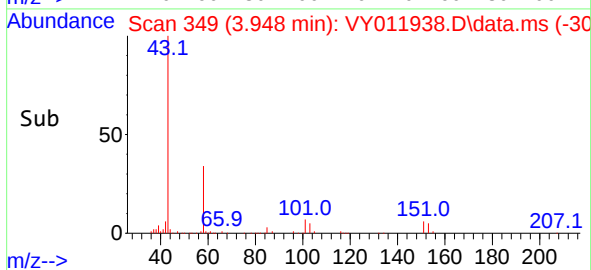
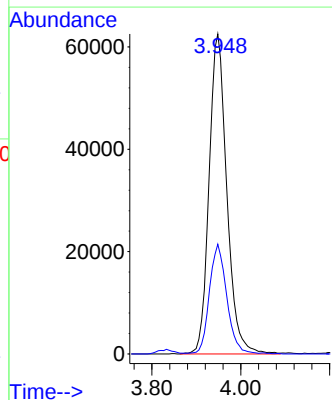
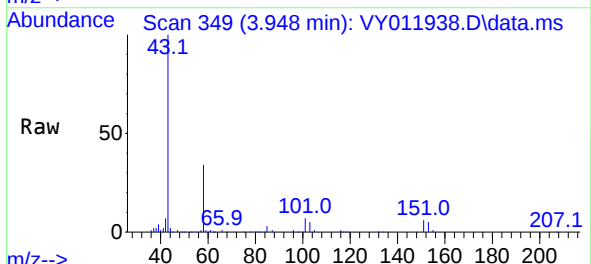
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

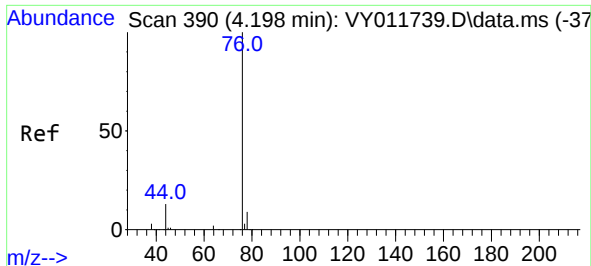
Tgt Ion: 53 Resp: 136264
Ion Ratio Lower Upper
53 100
52 82.0 65.1 97.7
51 35.8 28.7 43.1



#16
Acetone
Concen: 242.937 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 43 Resp: 173537
Ion Ratio Lower Upper
43 100
58 34.2 27.9 41.9

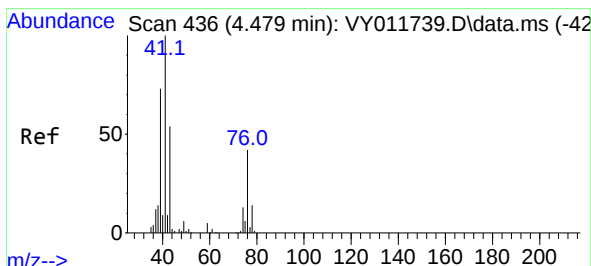
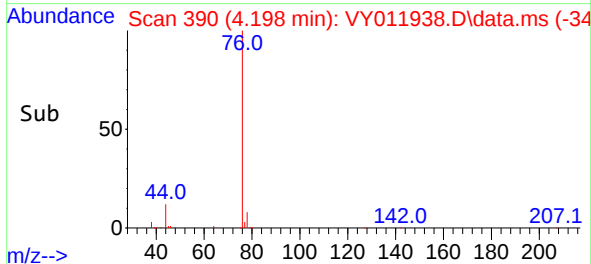
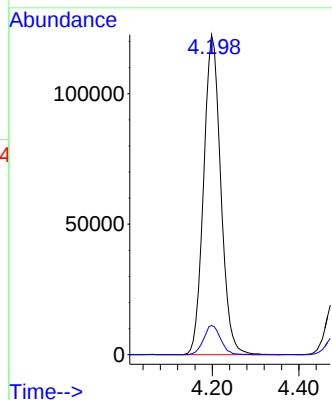
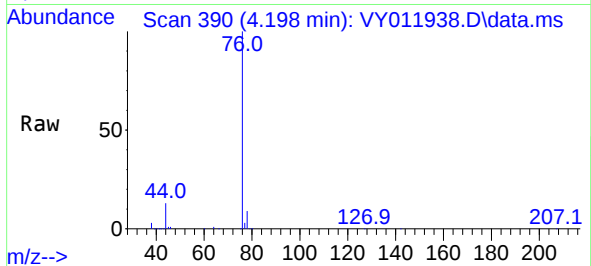




#17
Carbon Disulfide
Concen: 46.934 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

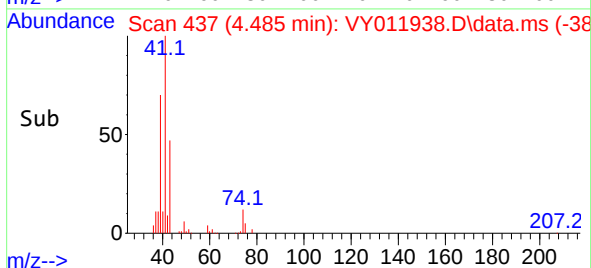
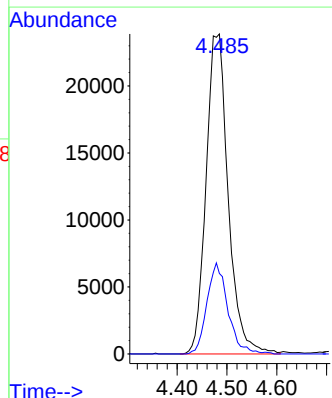
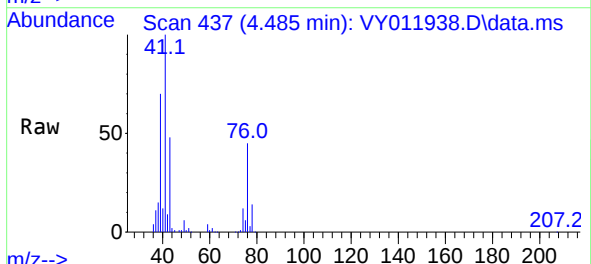
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

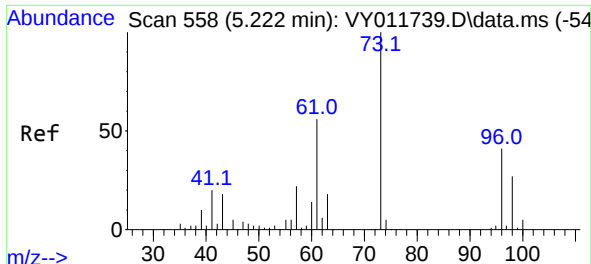
Tgt Ion: 76 Resp: 336583
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 44.473 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 43 Resp: 73568
Ion Ratio Lower Upper
43 100
74 27.0 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 47.494 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

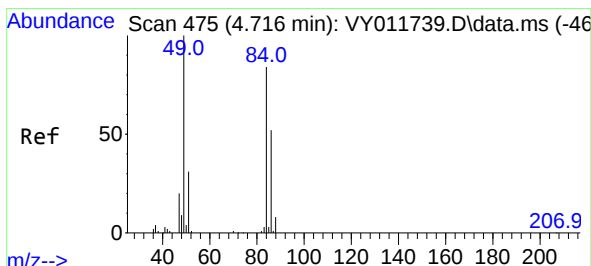
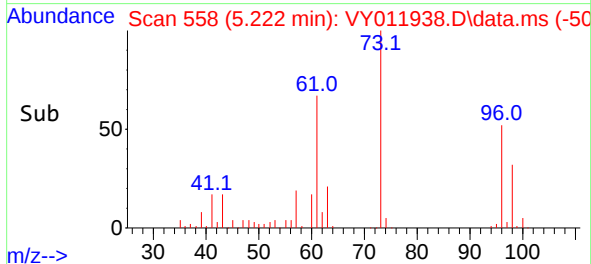
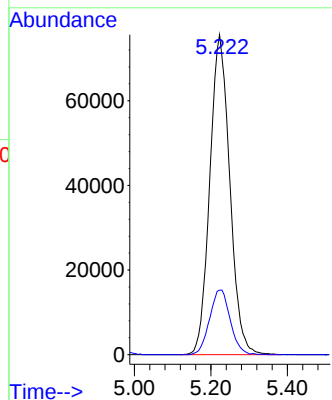
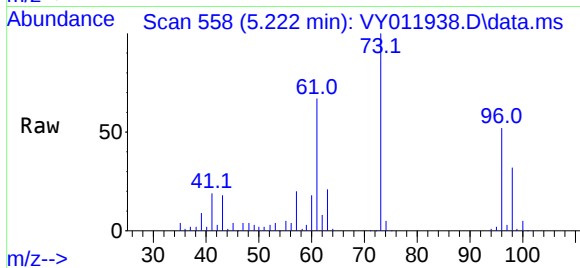
VSTDCCC050

Tgt Ion: 73 Resp: 273961

Ion Ratio Lower Upper

73 100

57 20.2 17.4 26.0



#20

Methylene Chloride

Concen: 46.052 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Tgt Ion: 84 Resp: 128163

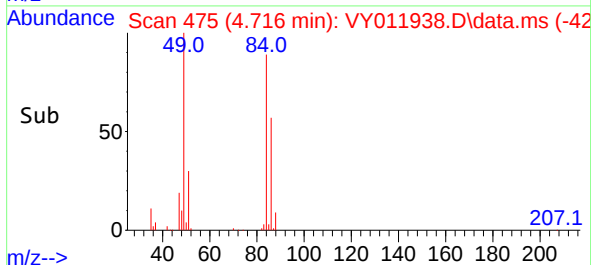
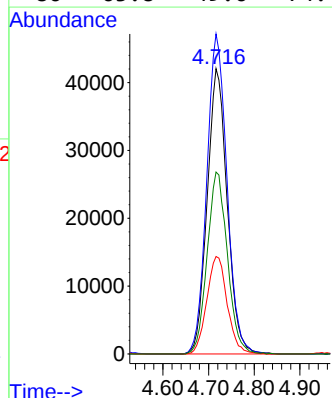
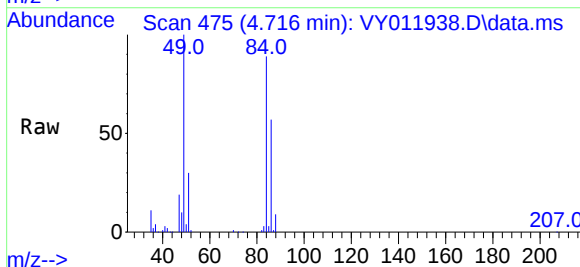
Ion Ratio Lower Upper

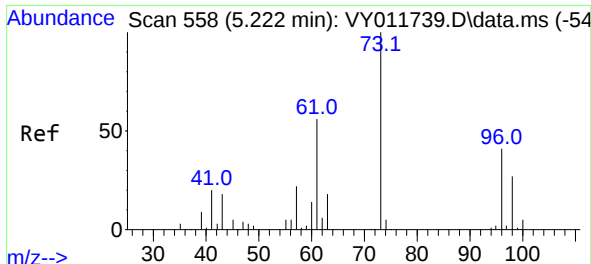
84 100

49 112.2 95.4 143.2

51 34.2 29.9 44.9

86 63.8 49.6 74.4

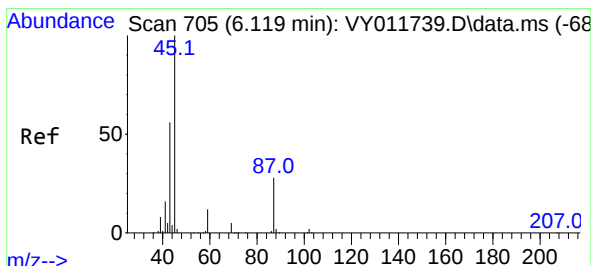
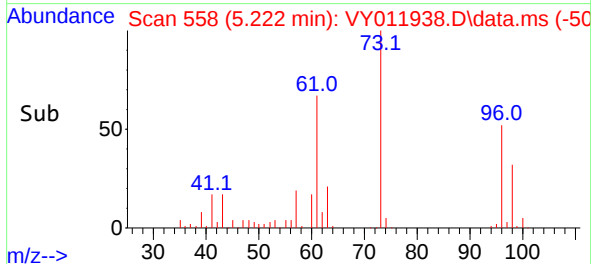
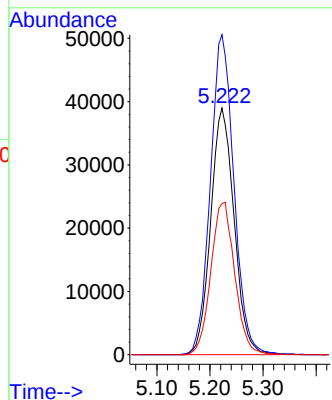
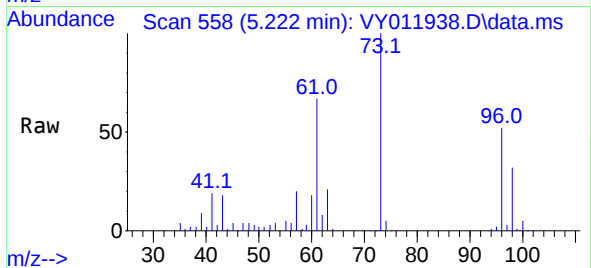




#21
trans-1,2-Dichloroethene
Concen: 46.856 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

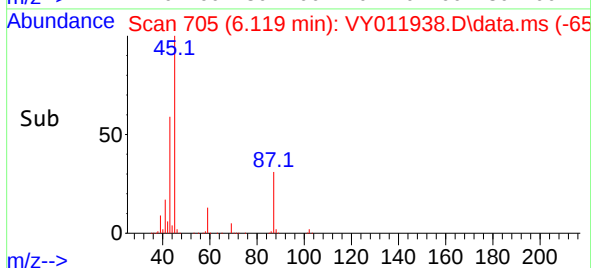
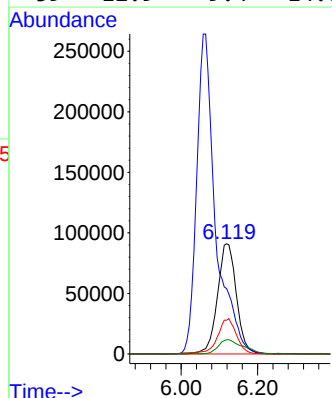
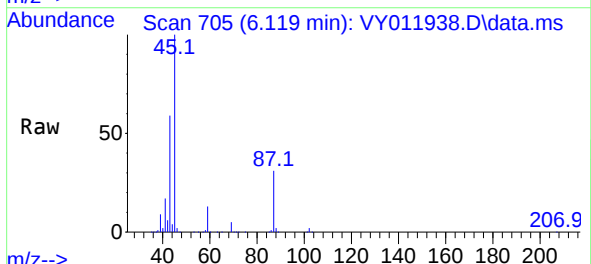
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

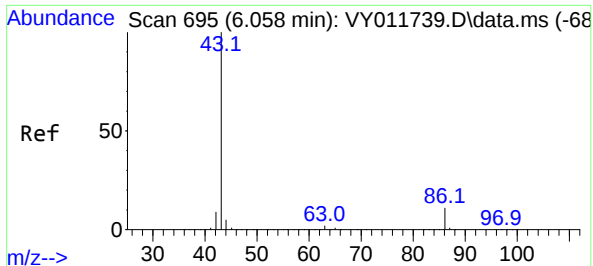
Tgt Ion: 96 Resp: 119694
Ion Ratio Lower Upper
96 100
61 129.8 108.0 162.0
98 61.3 51.6 77.4



#22
Diisopropyl ether
Concen: 47.958 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 45 Resp: 312710
Ion Ratio Lower Upper
45 100
43 59.0 45.0 67.4
87 30.6 22.6 33.8
59 12.9 9.4 14.0

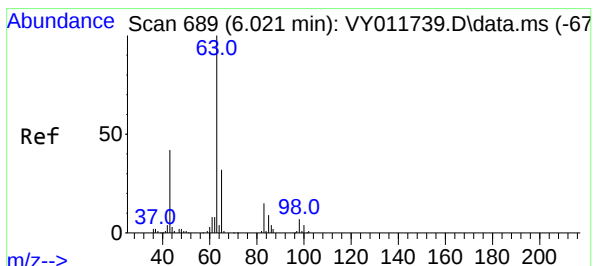
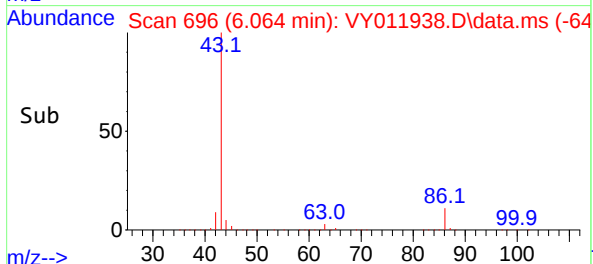
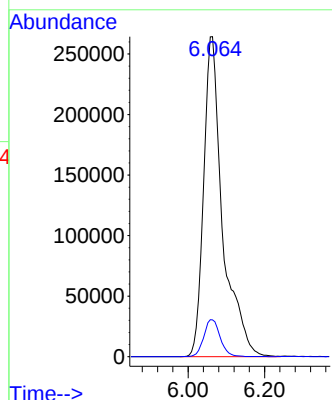
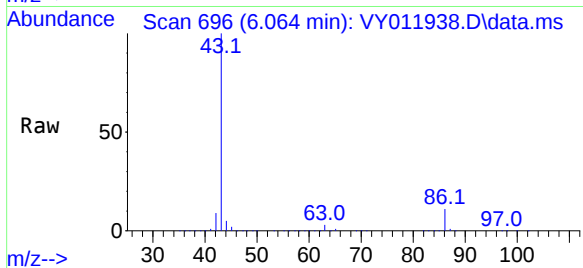




#23
 Vinyl Acetate
 Concen: 242.754 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY011938.D
 Acq: 21 Dec 2022 11:20

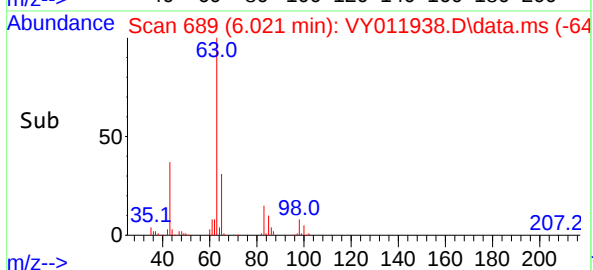
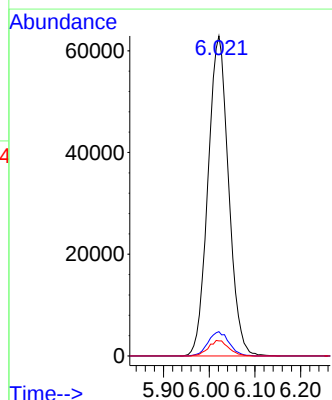
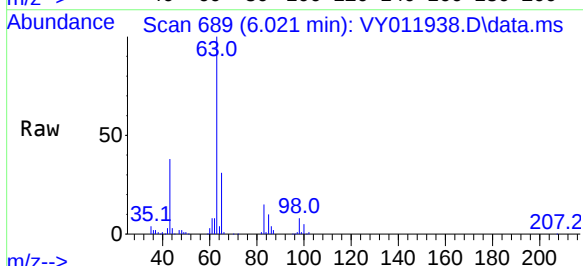
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

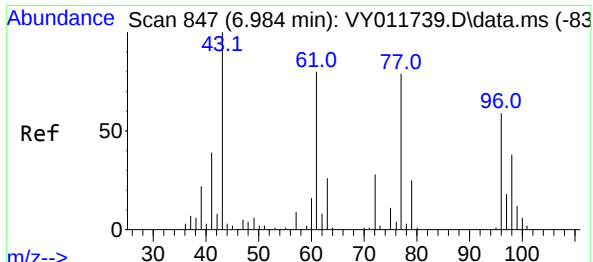
Tgt Ion: 43 Resp: 910691
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 46.433 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY011938.D
 Acq: 21 Dec 2022 11:20

Tgt Ion: 63 Resp: 196801
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.7 2.2 6.6

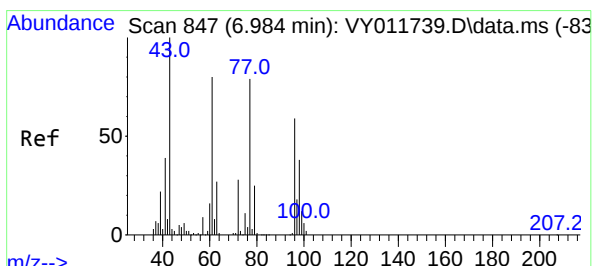
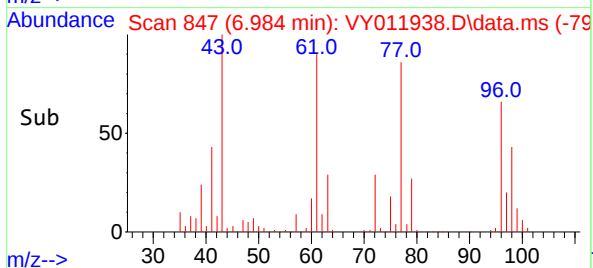
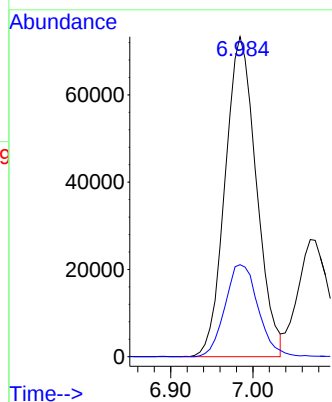
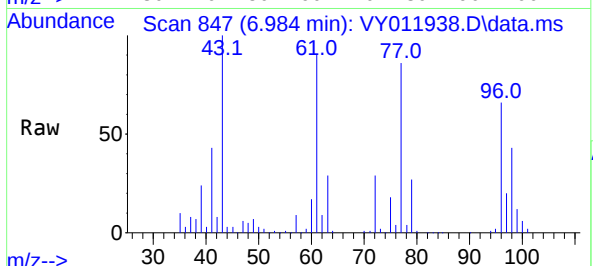




#25
2-Butanone
Concen: 243.182 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

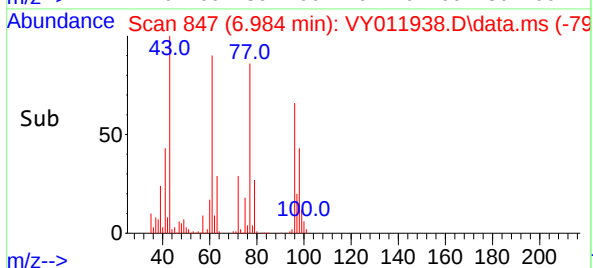
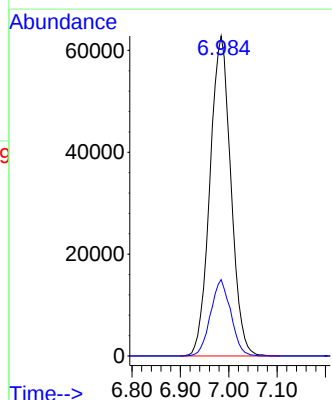
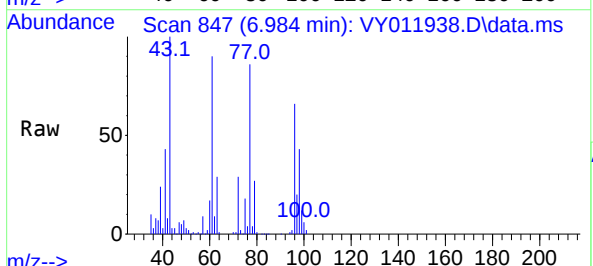
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 193928
Ion Ratio Lower Upper
43 100
72 28.8 22.6 34.0

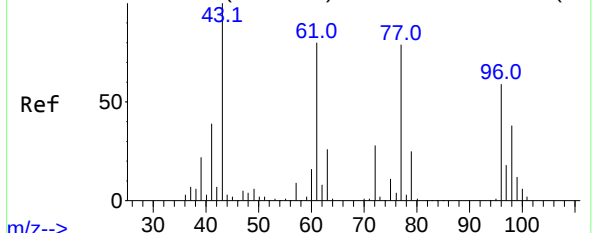


#26
2,2-Dichloropropane
Concen: 45.521 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

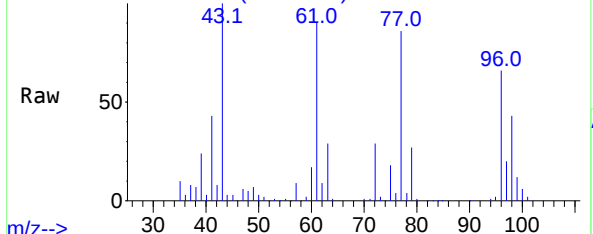
Tgt Ion: 77 Resp: 188795
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1



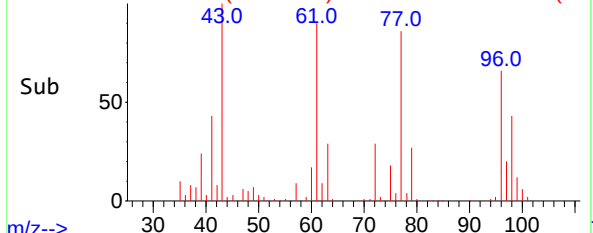
Abundance Scan 847 (6.984 min): VY011739.D\data.ms (-83



m/z--> Scan 847 (6.984 min): VY011938.D\data.ms

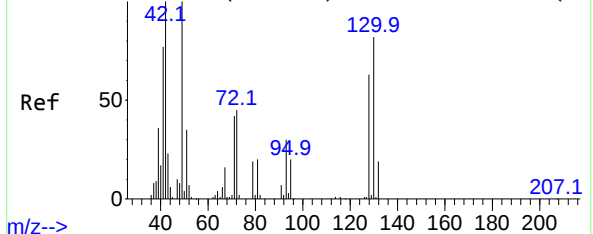


Abundance Scan 847 (6.984 min): VY011938.D\data.ms (-79

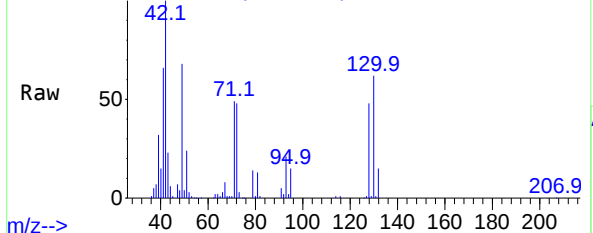


m/z-->

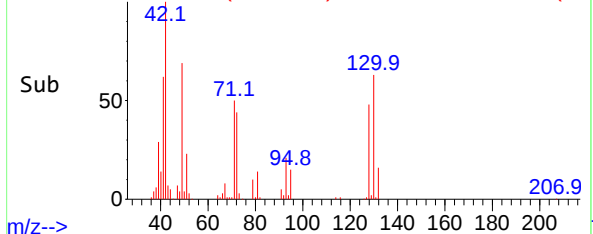
Abundance Scan 904 (7.332 min): VY011739.D\data.ms (-89



m/z--> Scan 905 (7.338 min): VY011938.D\data.ms



Abundance Scan 905 (7.338 min): VY011938.D\data.ms (-85



m/z-->

#27

cis-1,2-Dichloroethene

Concen: 46.542 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 128589

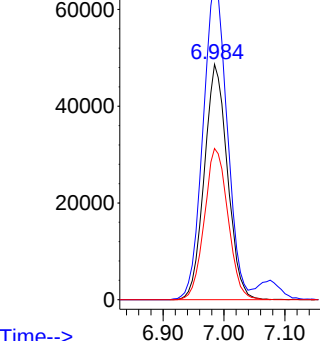
Ion Ratio Lower Upper

96 100

61 140.3 0.0 283.4

98 65.5 0.0 127.6

Abundance



Time-->

#28

Bromochloromethane

Concen: 49.388 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Tgt Ion: 49 Resp: 57442

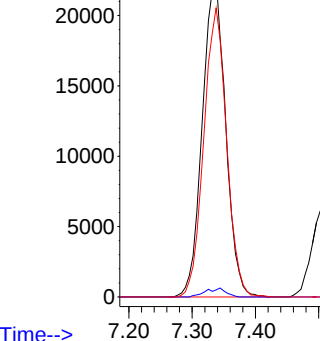
Ion Ratio Lower Upper

49 100

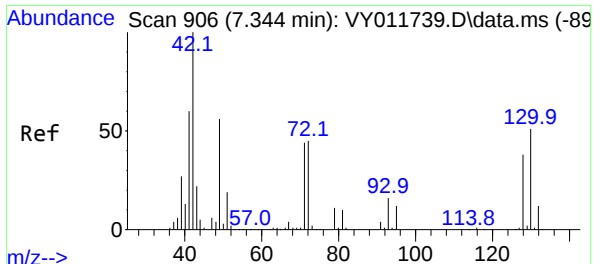
129 2.4 0.0 4.6

130 89.1 66.7 100.1

Abundance



Time-->

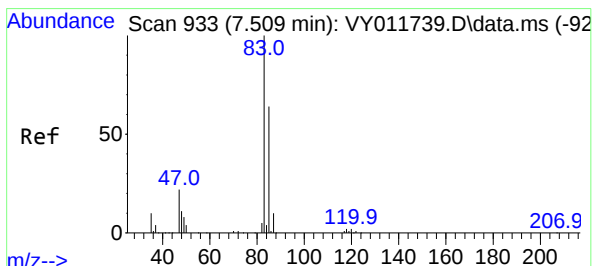
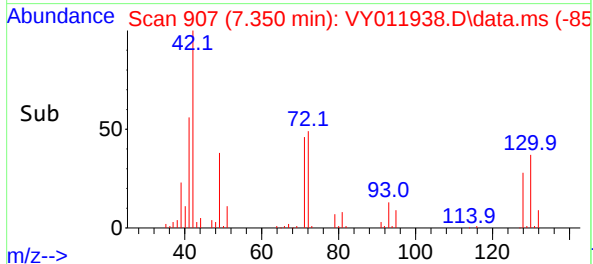
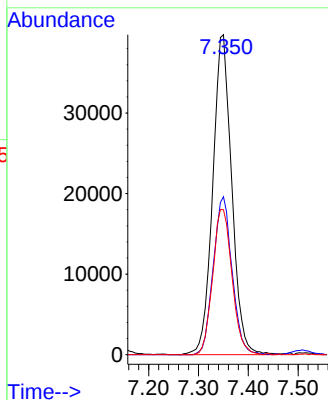
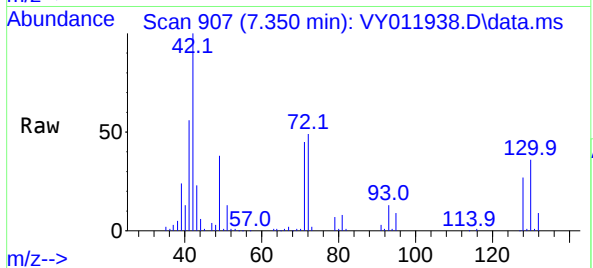


#29
Tetrahydrofuran
Concen: 232.789 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 105179

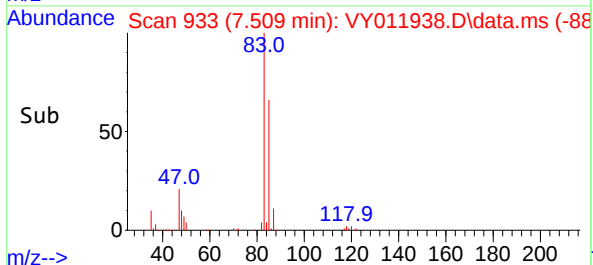
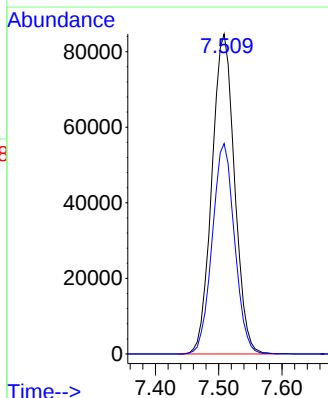
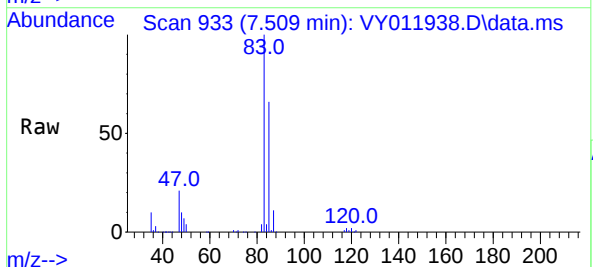
Ion	Ratio	Lower	Upper
42	100		
72	48.9	37.0	55.6
71	46.2	34.9	52.3

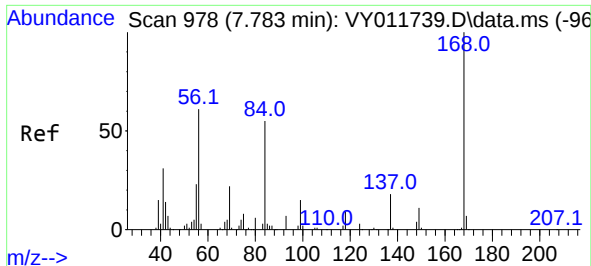


#30
Chloroform
Concen: 45.975 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 83 Resp: 210032

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.5	77.3

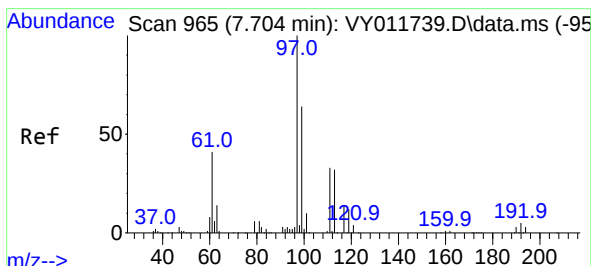
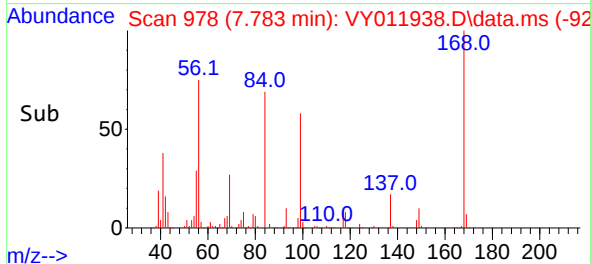
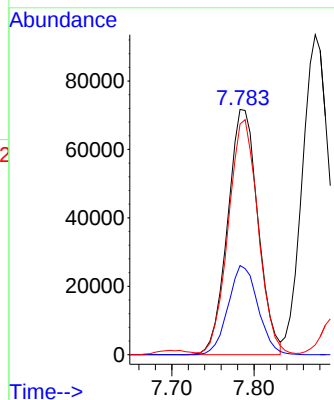
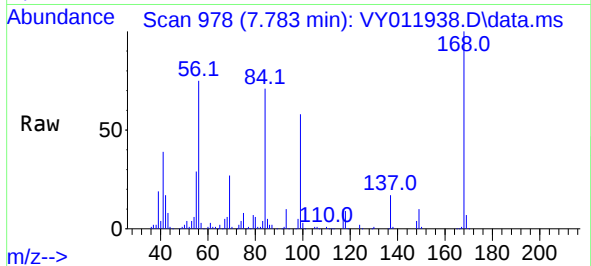




#31
Cyclohexane
Concen: 45.710 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

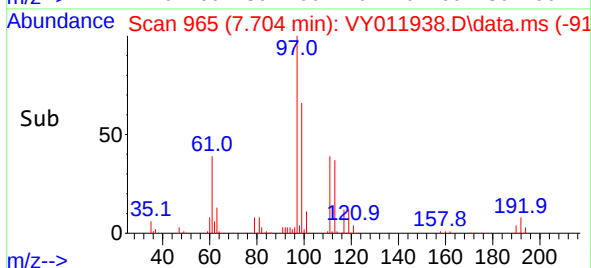
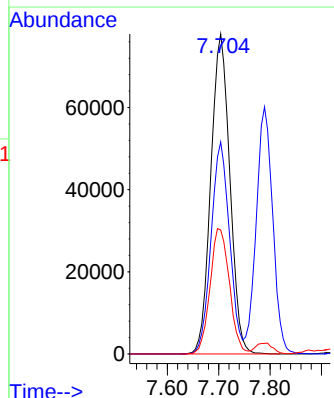
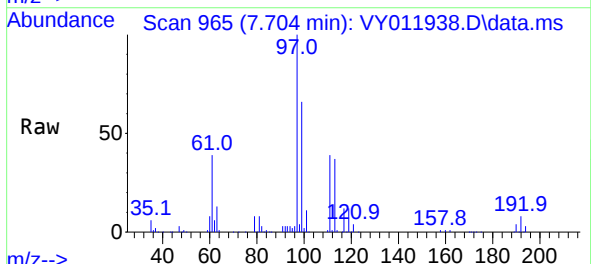
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

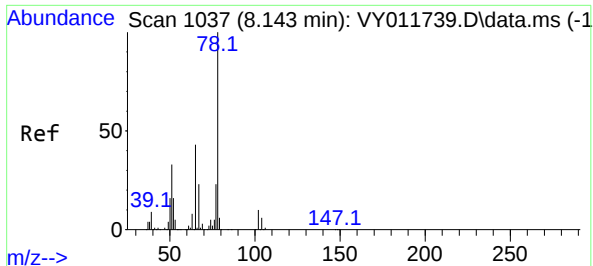
Tgt Ion: 56 Resp: 184220
Ion Ratio Lower Upper
56 100
69 36.4 29.2 43.8
84 92.2 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 45.968 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 97 Resp: 199741
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 39.9 33.0 49.4

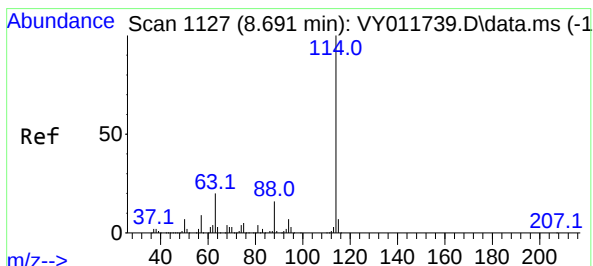
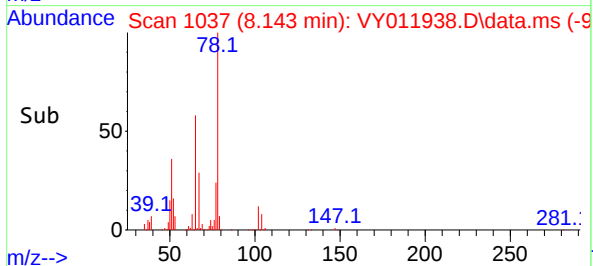
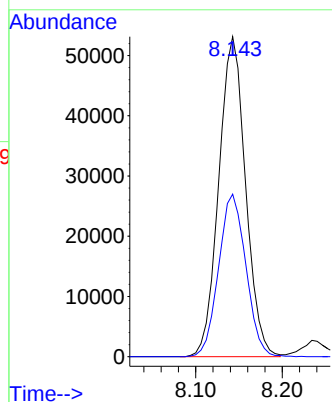
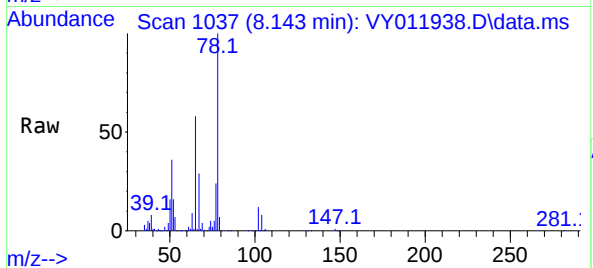




#33
1,2-Dichloroethane-d4
Concen: 47.656 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

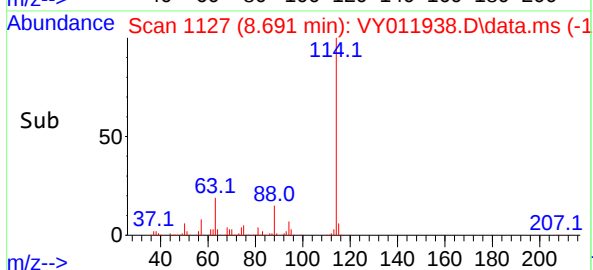
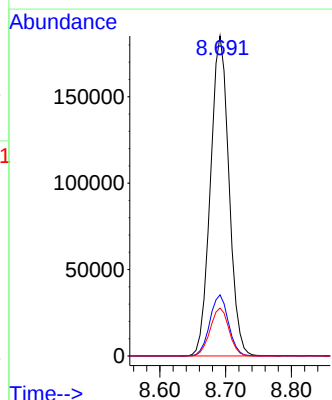
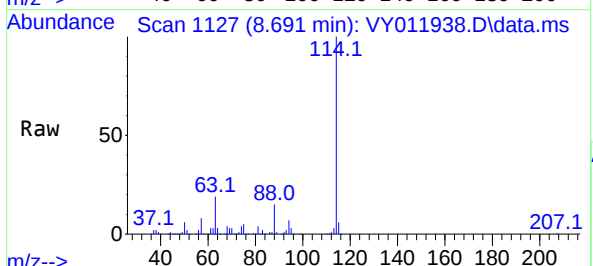
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

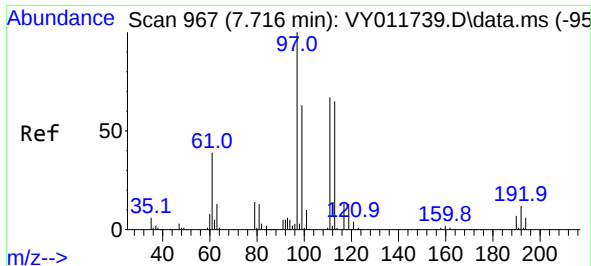
Tgt Ion: 65 Resp: 114088
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion:114 Resp: 362430
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 15.0 0.0 32.2

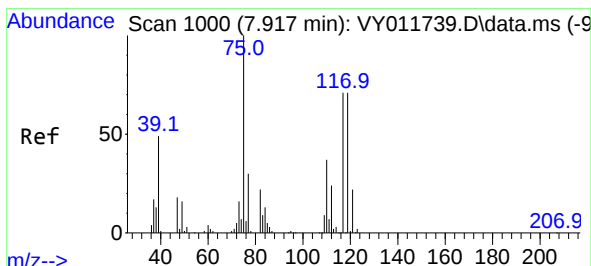
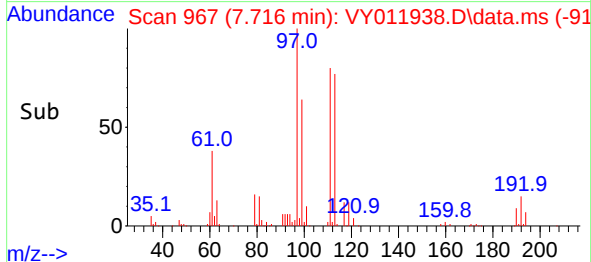
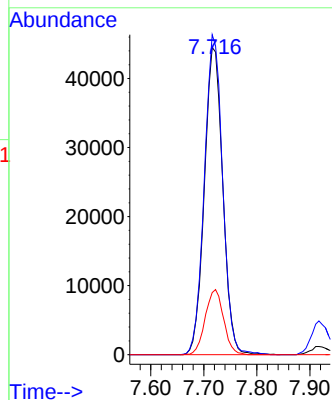
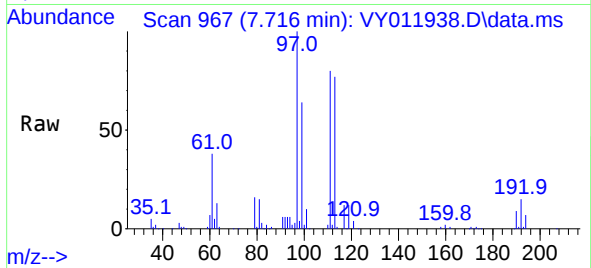




#35
Dibromofluoromethane
Concen: 49.235 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

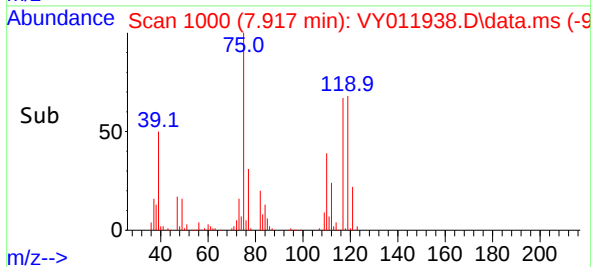
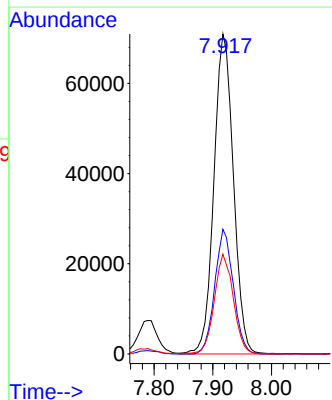
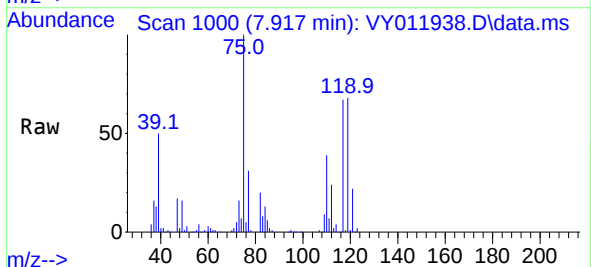
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

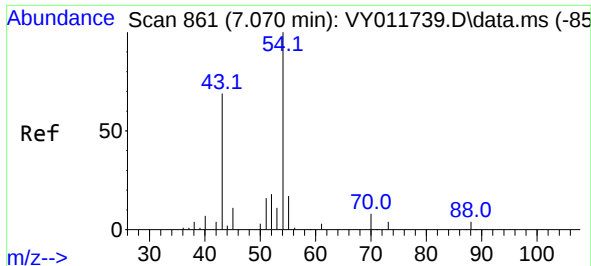
Tgt Ion:113 Resp: 107428
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.4
192 21.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 46.755 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 75 Resp: 163637
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.1
77 30.5 25.1 37.7

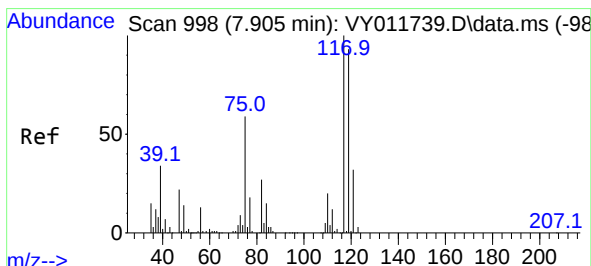
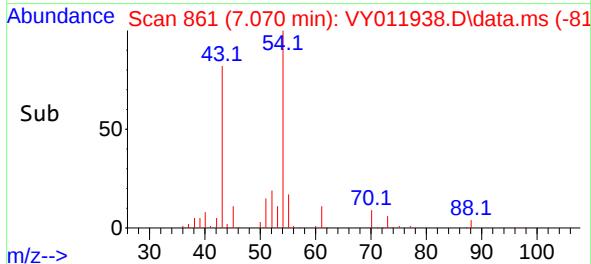
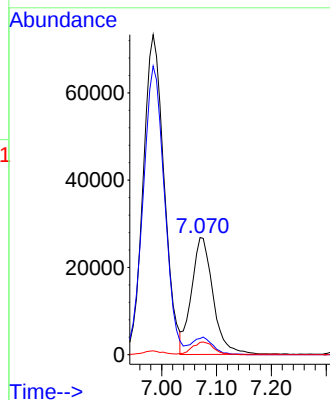
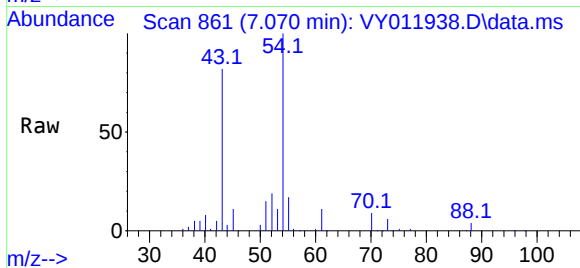




#37
Ethyl Acetate
Concen: 46.772 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

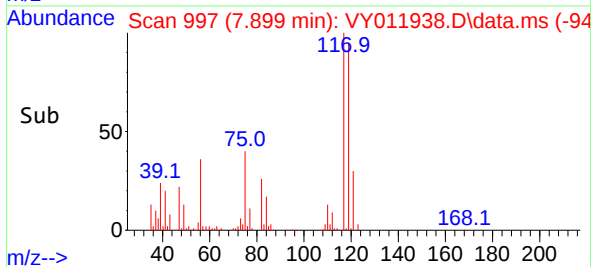
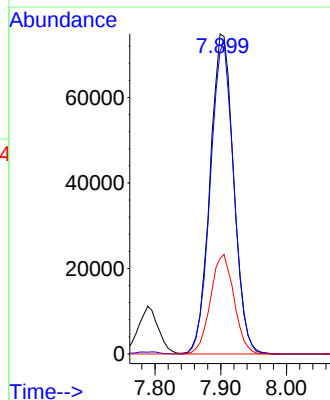
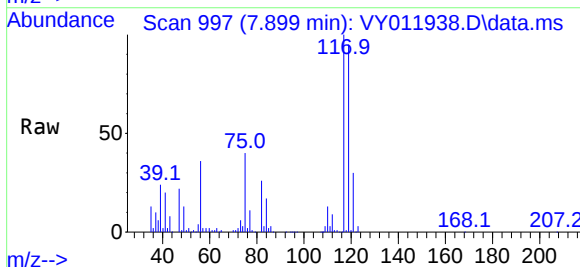
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

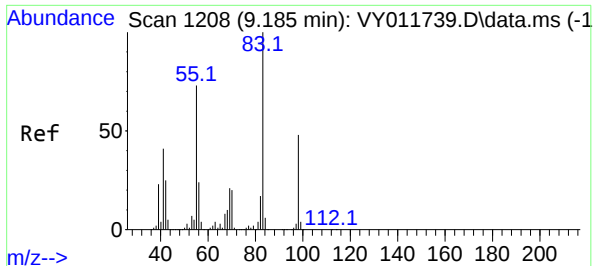
Tgt Ion:	43	Resp:	73443
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.7	8.2	12.4



#38
Carbon Tetrachloride
Concen: 46.307 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion:	117	Resp:	187177
Ion	Ratio	Lower	Upper
117	100		
119	94.5	73.8	110.8
121	29.8	25.2	37.8





#39

Methylcyclohexane

Concen: 48.230 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

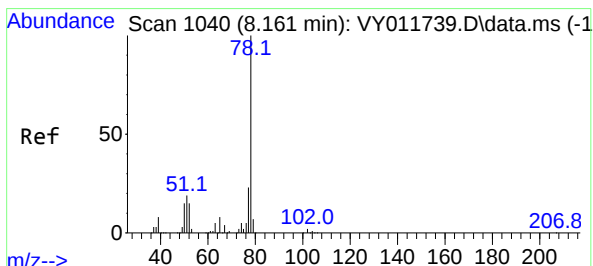
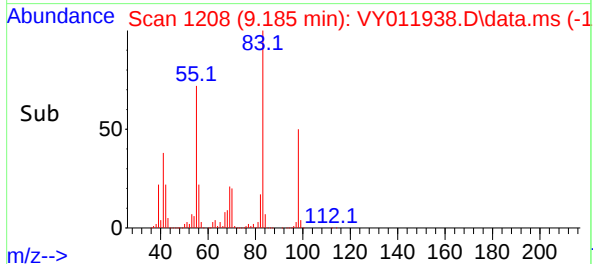
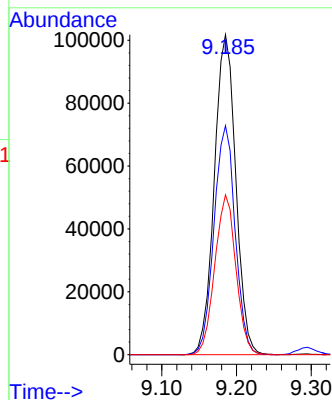
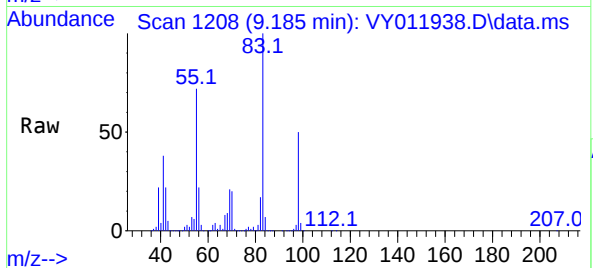
Tgt Ion: 83 Resp: 203112

Ion Ratio Lower Upper

83 100

55 71.5 58.2 87.2

98 50.0 38.6 58.0



#40

Benzene

Concen: 46.126 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY011938.D

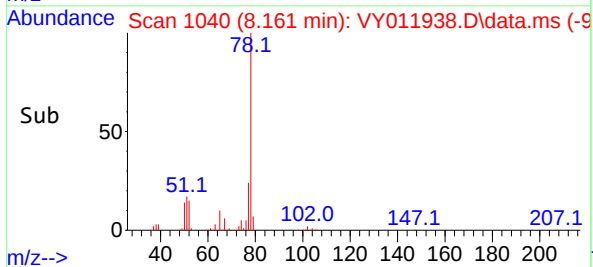
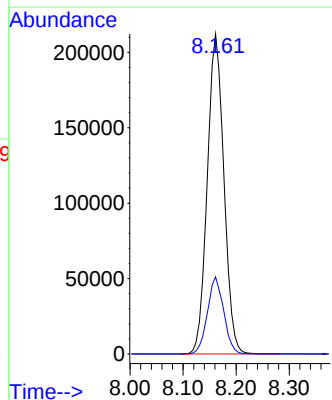
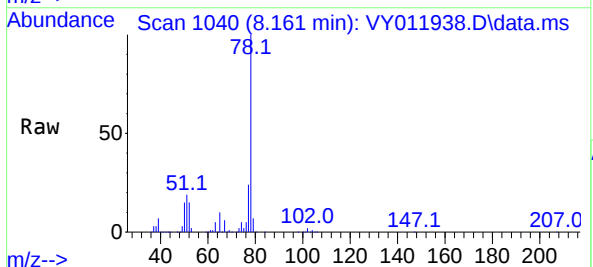
Acq: 21 Dec 2022 11:20

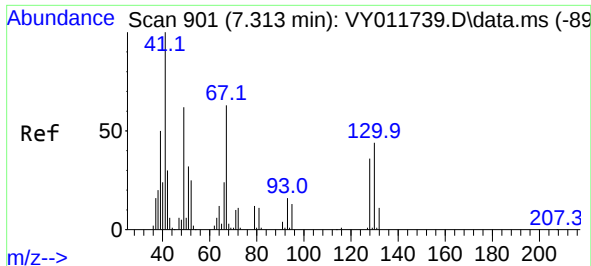
Tgt Ion: 78 Resp: 461990

Ion Ratio Lower Upper

78 100

77 24.1 18.6 27.8



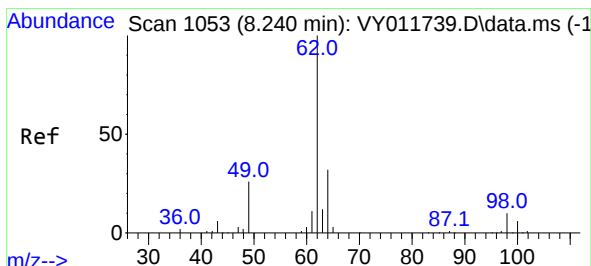
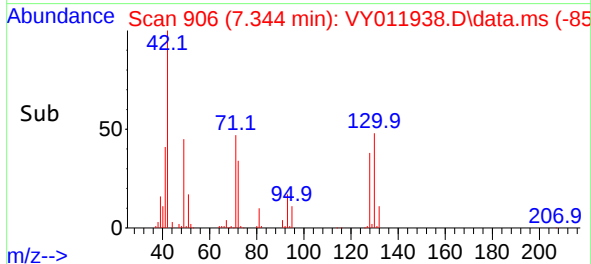
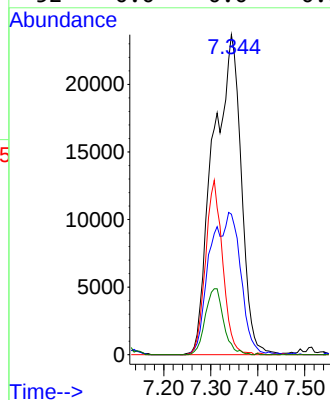
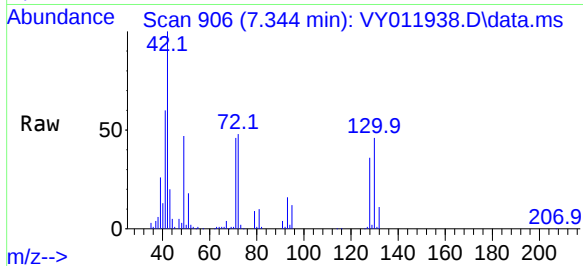


#41
Methacrylonitrile
Concen: 129.657 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 98450

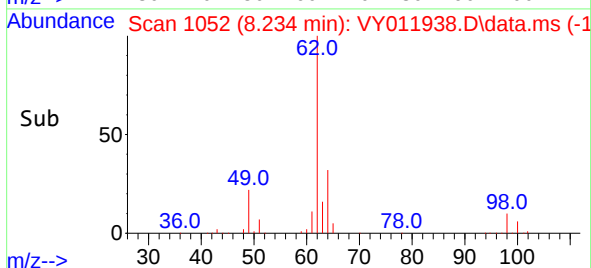
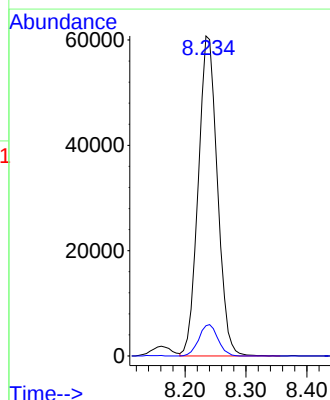
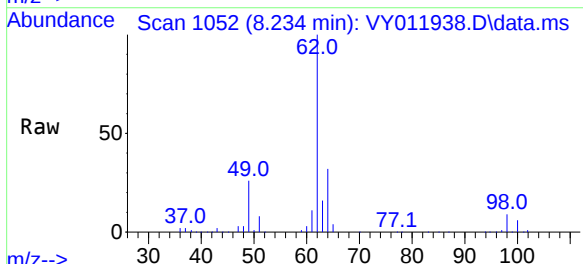
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

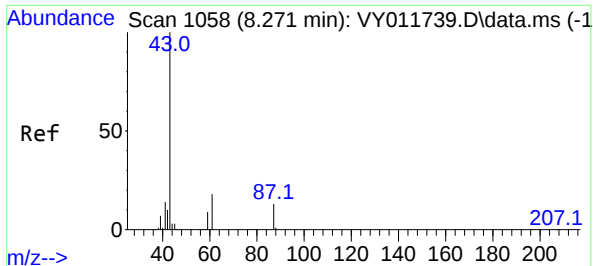


#42
1,2-Dichloroethane
Concen: 45.893 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 62 Resp: 132325

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6





#43

Isopropyl Acetate

Concen: 46.489 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

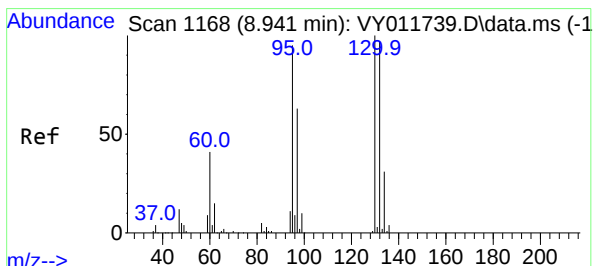
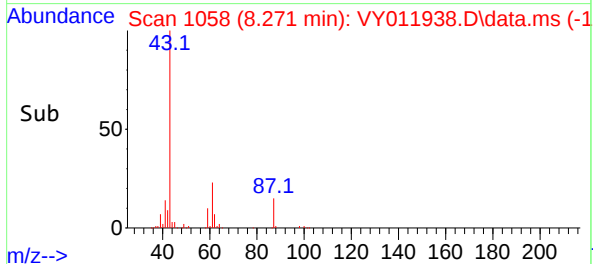
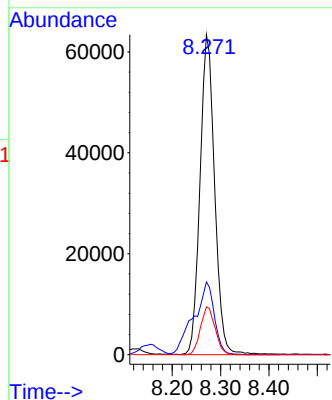
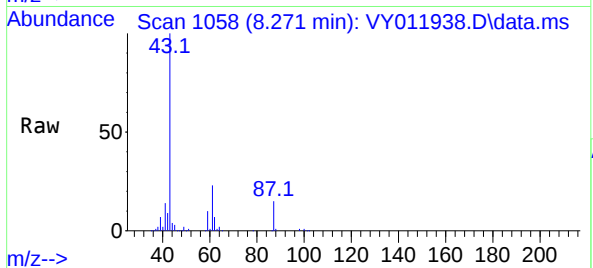
Tgt Ion: 43 Resp: 133320

Ion Ratio Lower Upper

43 100

61 31.8 24.4 36.6

87 14.9 11.4 17.2



#44

Trichloroethene

Concen: 46.209 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY011938.D

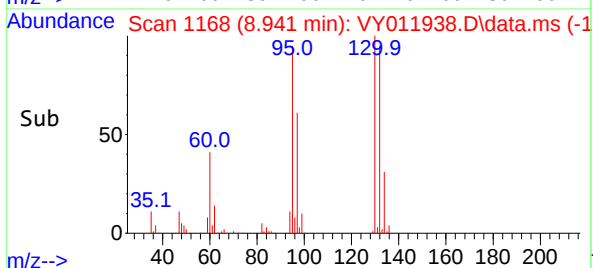
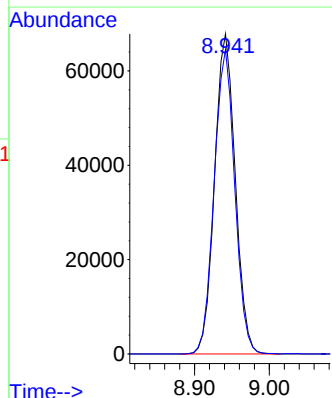
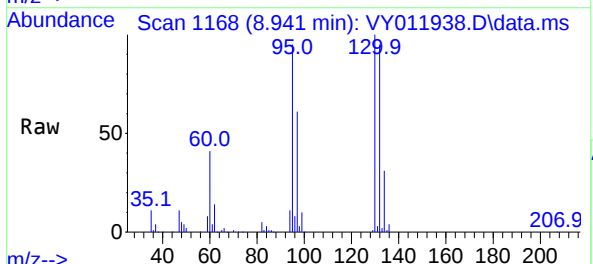
Acq: 21 Dec 2022 11:20

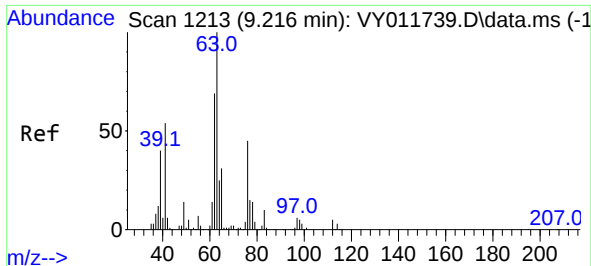
Tgt Ion:130 Resp: 130454

Ion Ratio Lower Upper

130 100

95 95.2 0.0 190.6





#45

1,2-Dichloropropane

Concen: 46.599 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

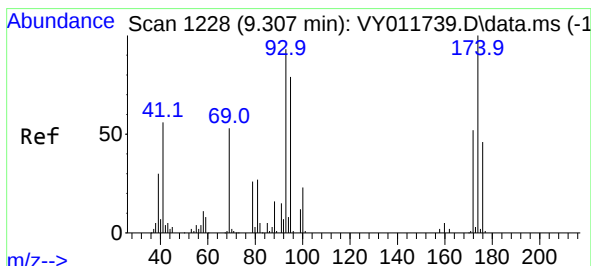
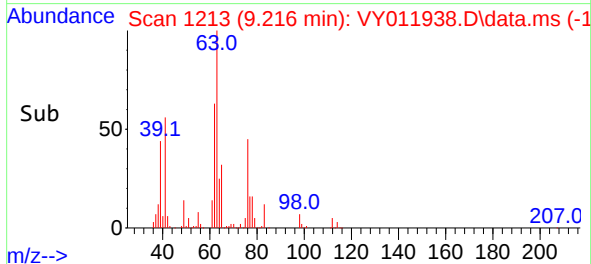
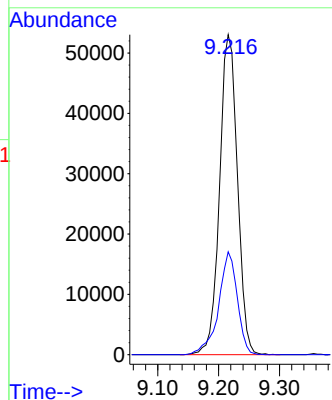
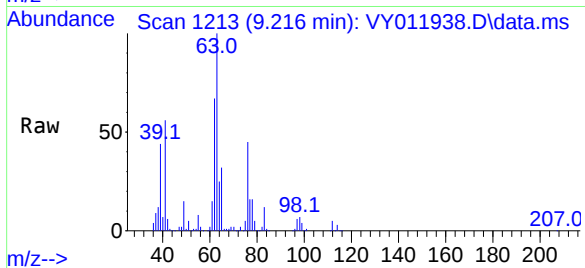
VSTDCCC050

Tgt Ion: 63 Resp: 107840

Ion Ratio Lower Upper

63 100

65 32.1 24.9 37.3



#46

Dibromomethane

Concen: 45.306 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

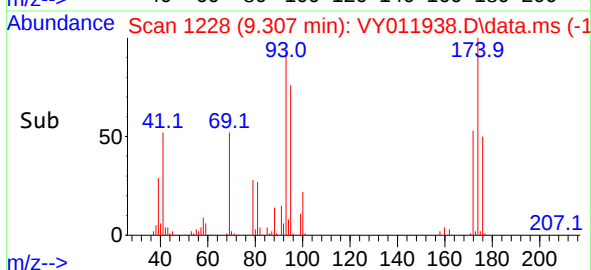
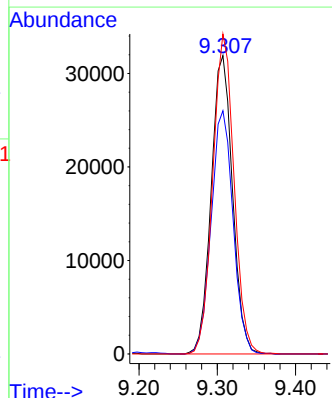
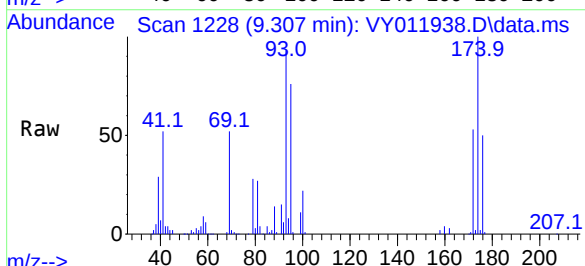
Tgt Ion: 93 Resp: 60393

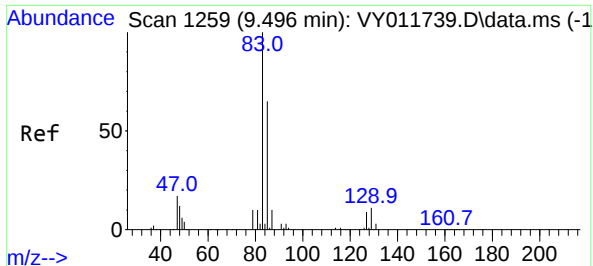
Ion Ratio Lower Upper

93 100

95 83.6 66.1 99.1

174 106.8 84.7 127.1

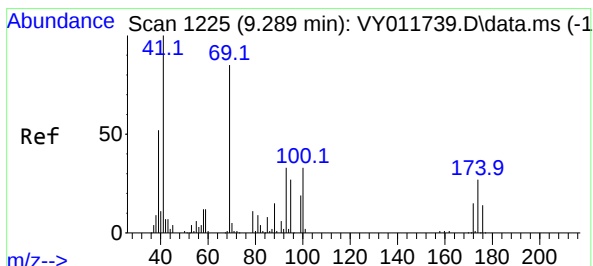
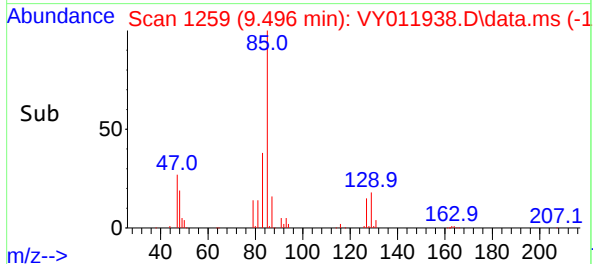
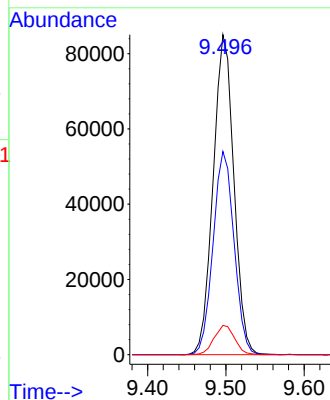
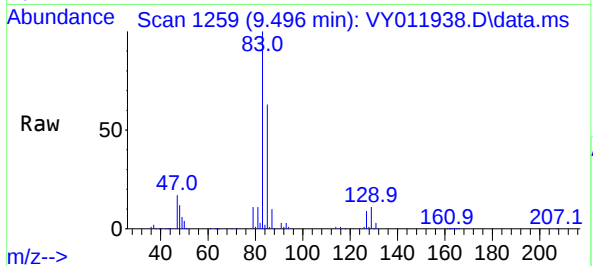




#47
Bromodichloromethane
Concen: 46.272 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

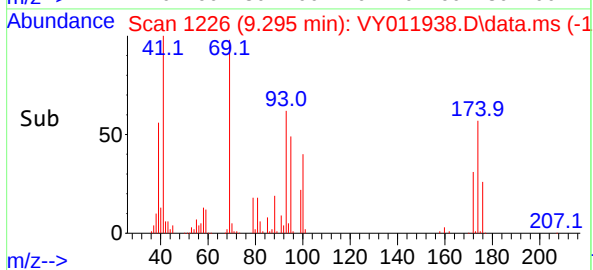
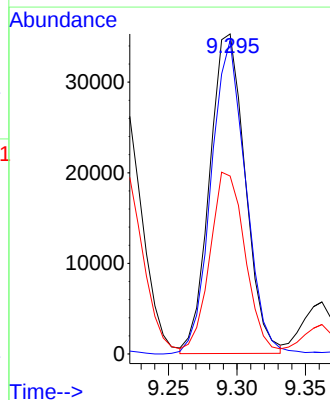
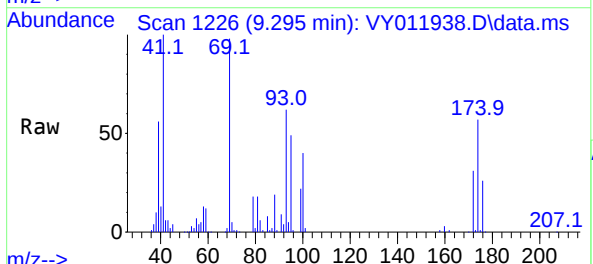
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

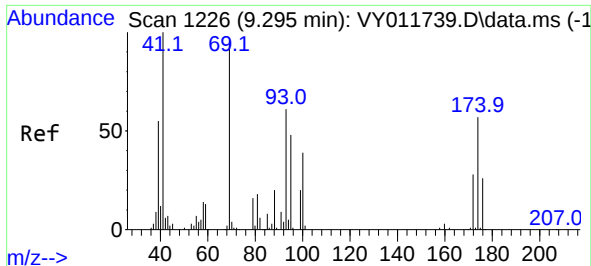
Tgt Ion: 83 Resp: 156483
Ion Ratio Lower Upper
83 100
85 63.5 52.0 78.0
127 9.2 7.3 10.9



#48
Methyl methacrylate
Concen: 48.116 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 41 Resp: 63889
Ion Ratio Lower Upper
41 100
69 95.4 74.2 111.2
39 53.6 46.3 69.5

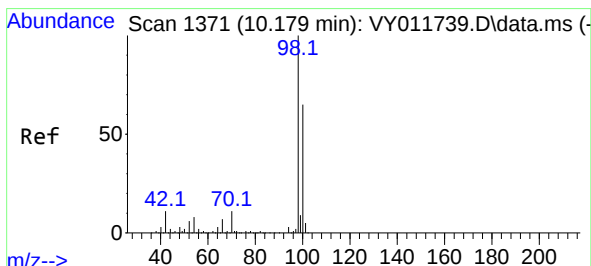
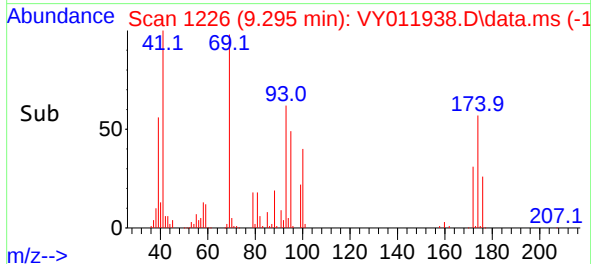
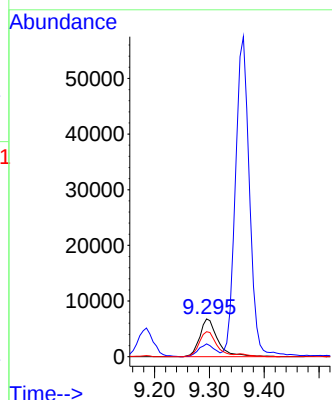
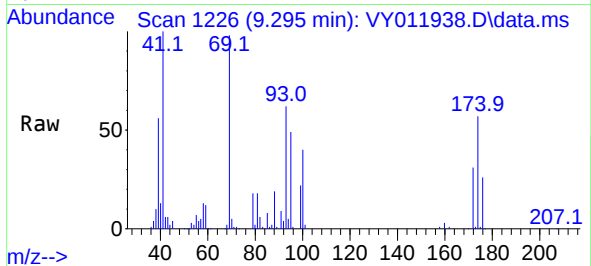




#49
1,4-Dioxane
Concen: 979.810 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

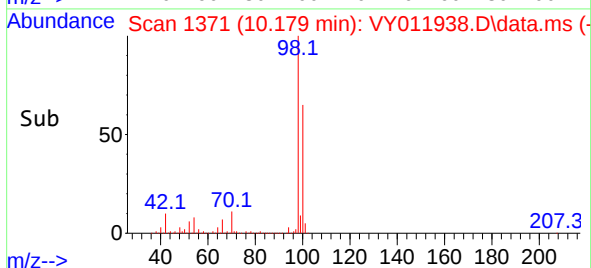
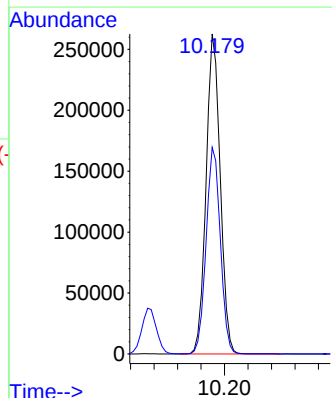
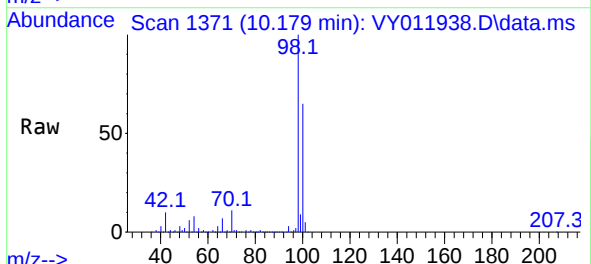
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

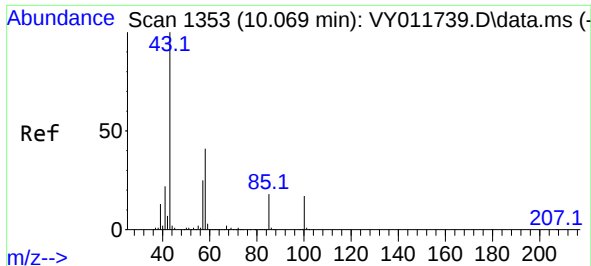
Tgt Ion: 88 Resp: 15594
Ion Ratio Lower Upper
88 100
43 29.6 26.2 39.2
58 63.7 54.3 81.5



#50
Toluene-d8
Concen: 49.577 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 98 Resp: 438886
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

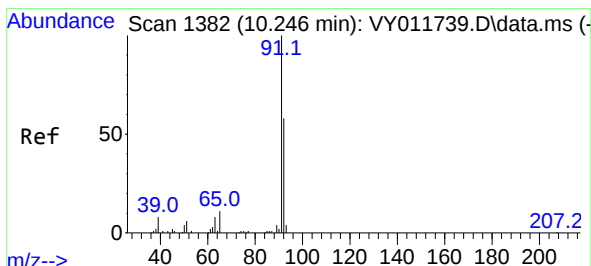
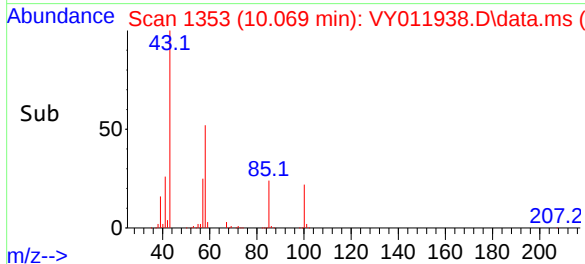
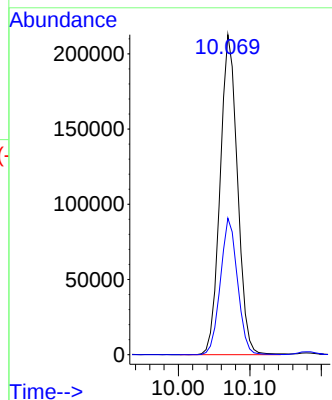
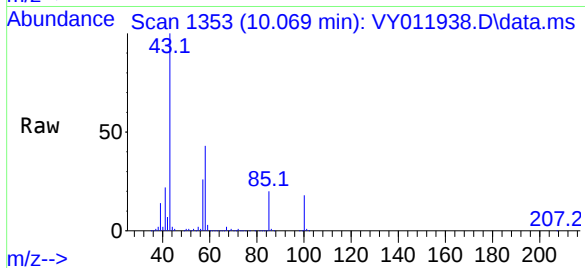




#51
4-Methyl-2-Pentanone
Concen: 234.570 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

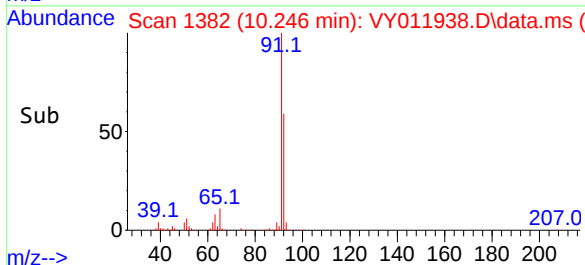
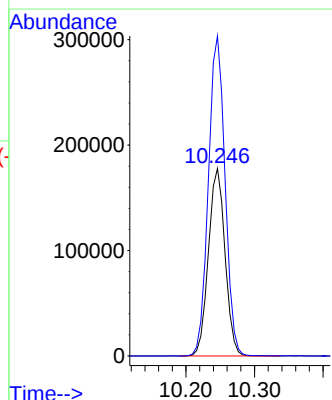
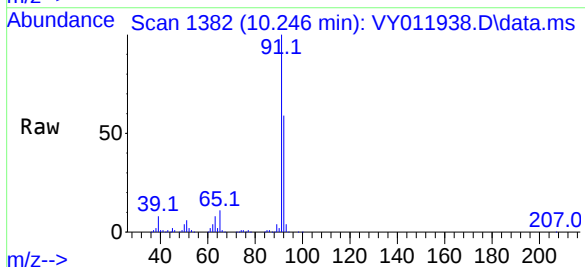
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

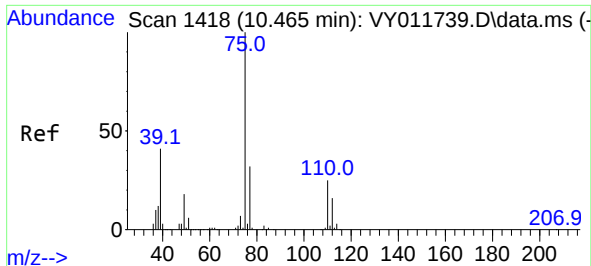
Tgt Ion: 43 Resp: 358697
Ion Ratio Lower Upper
43 100
58 41.9 32.9 49.3



#52
Toluene
Concen: 46.962 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 92 Resp: 299683
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0

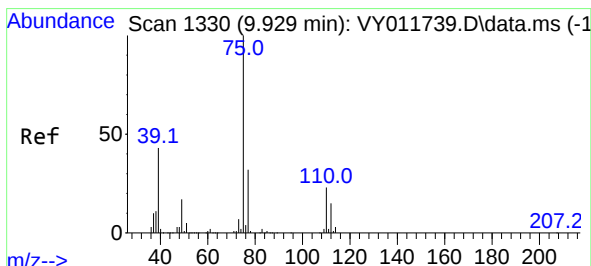
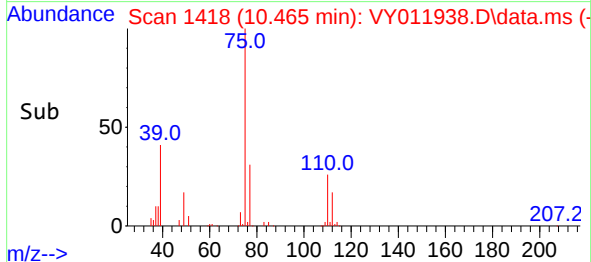
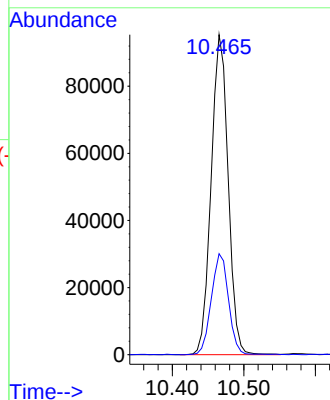
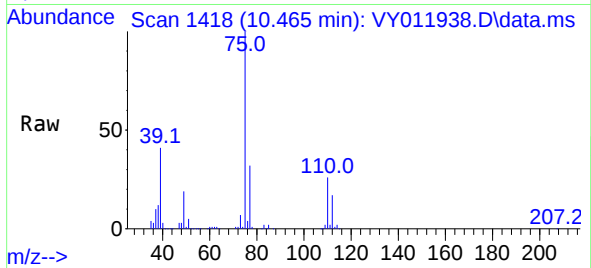




#53
t-1,3-Dichloropropene
Concen: 45.998 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

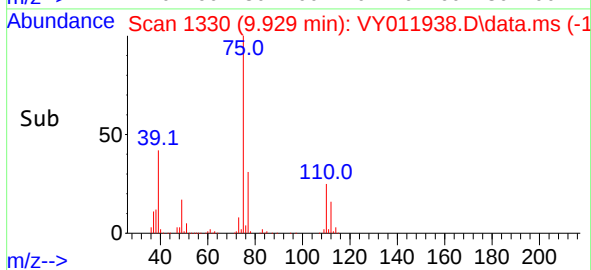
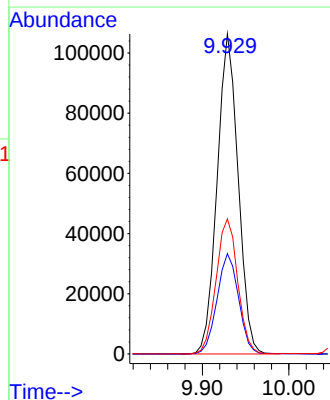
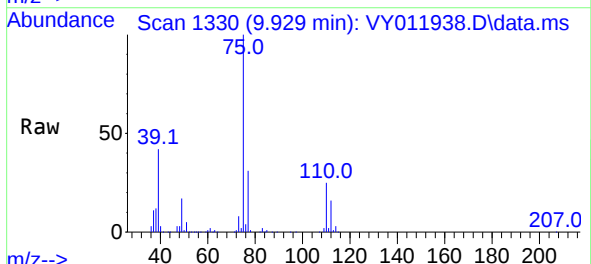
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

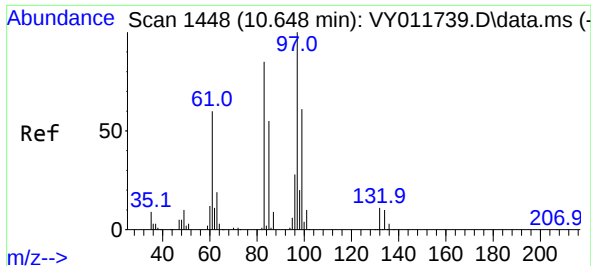
Tgt Ion: 75 Resp: 157184
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 46.564 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 75 Resp: 178856
Ion Ratio Lower Upper
75 100
77 31.3 25.9 38.9
39 42.2 34.6 52.0



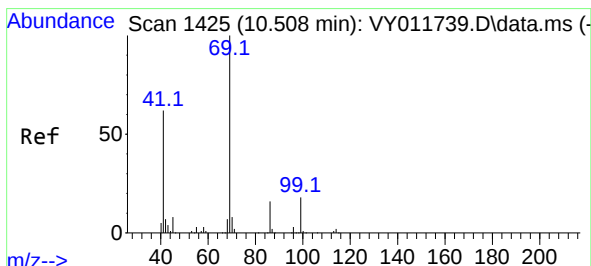
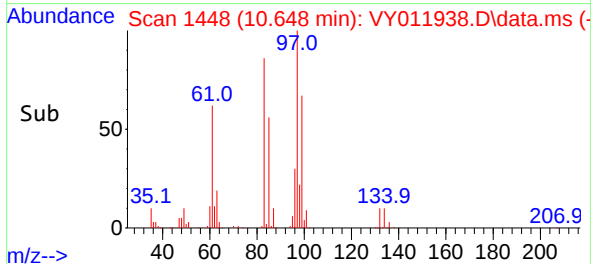
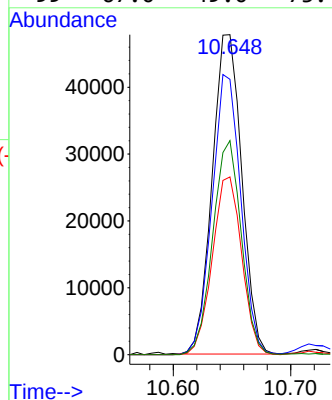
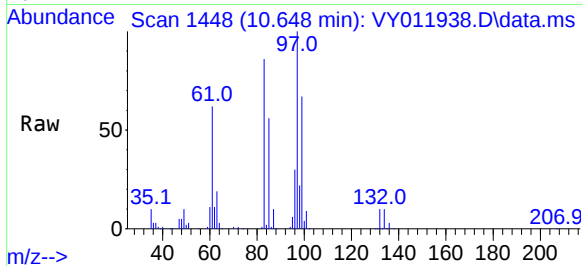


#55
1,1,2-Trichloroethane
Concen: 44.327 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 83851

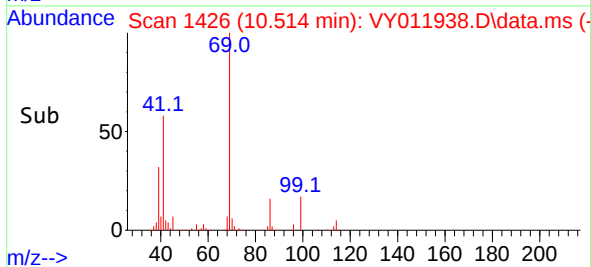
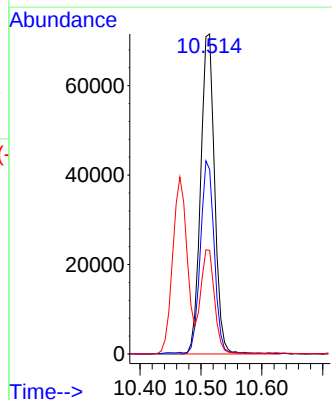
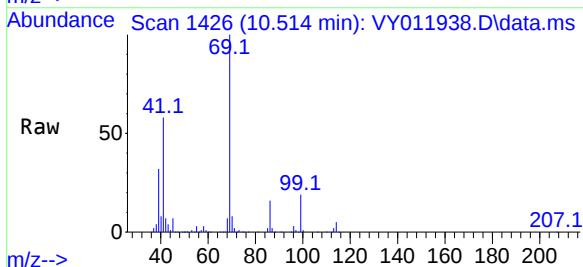
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.7	101.5
85	55.7	43.8	65.8
99	67.0	49.0	73.4

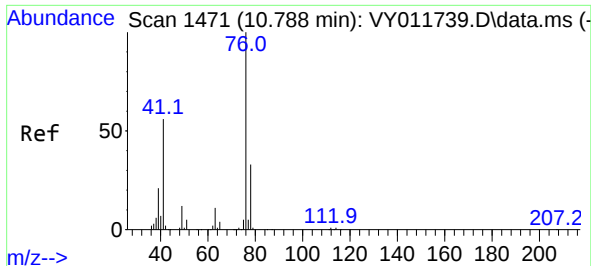


#56
Ethyl methacrylate
Concen: 47.753 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 69 Resp: 114369

Ion	Ratio	Lower	Upper
69	100		
41	60.6	48.9	73.3
39	31.9	25.9	38.9





#57

1,3-Dichloropropane

Concen: 46.210 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

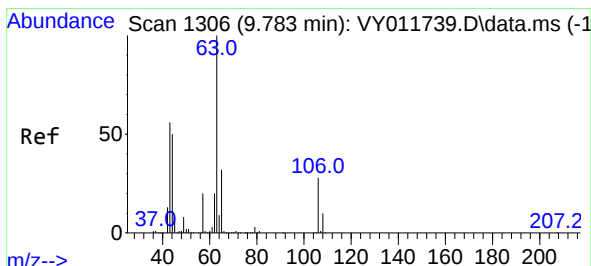
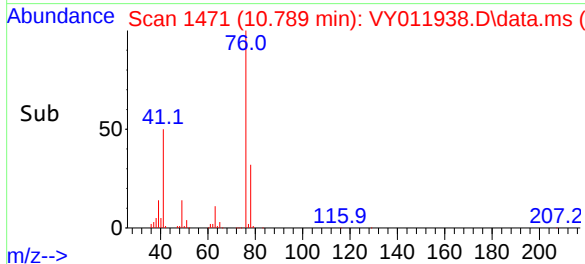
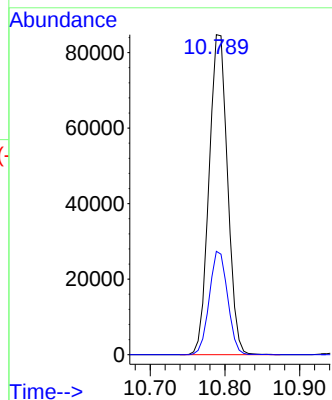
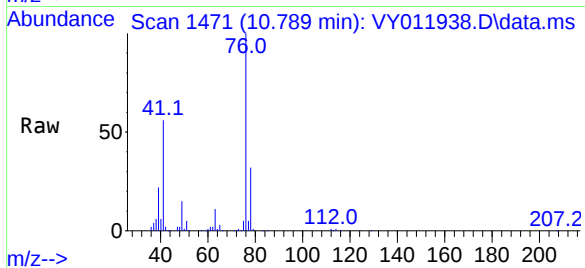
VSTDCCC050

Tgt Ion: 76 Resp: 145876

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 235.457 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY011938.D

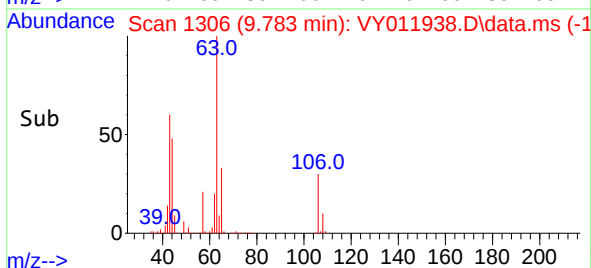
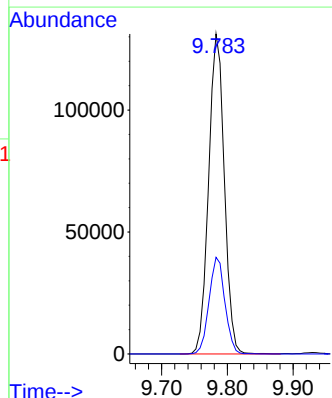
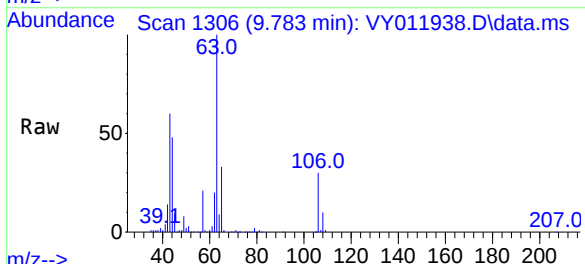
Acq: 21 Dec 2022 11:20

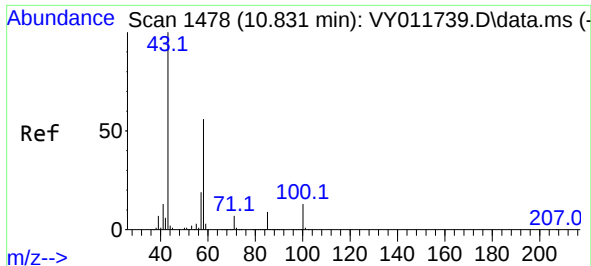
Tgt Ion: 63 Resp: 217604

Ion Ratio Lower Upper

63 100

106 30.5 23.2 34.8

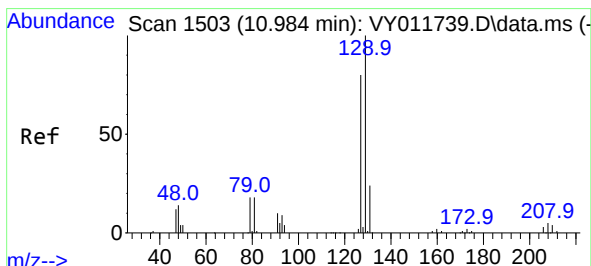
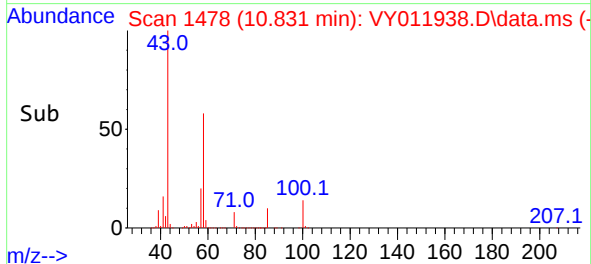
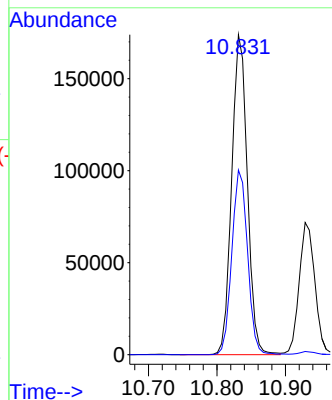
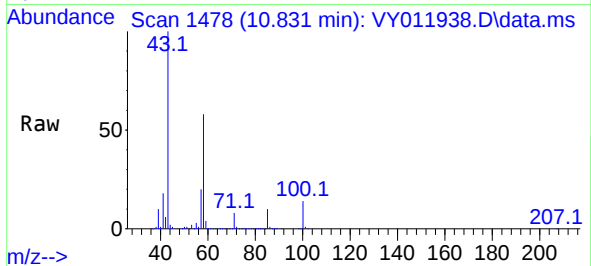




#59
2-Hexanone
Concen: 244.536 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

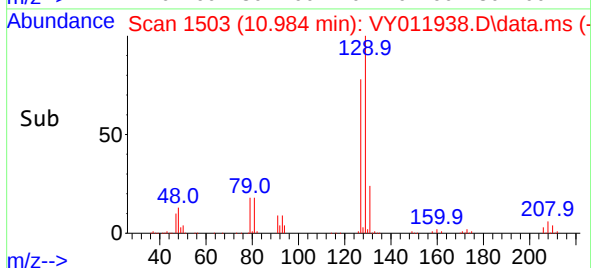
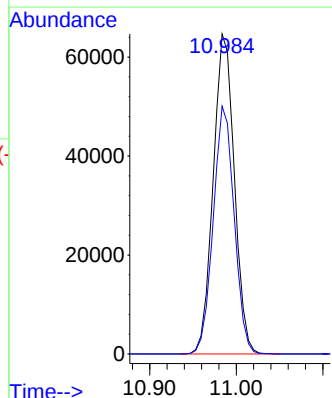
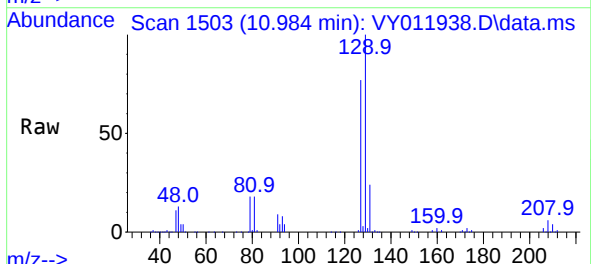
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

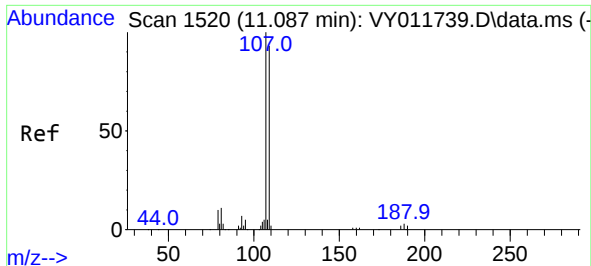
Tgt Ion: 43 Resp: 275096
Ion Ratio Lower Upper
43 100
58 58.1 28.4 85.2



#60
Dibromochloromethane
Concen: 45.946 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 129 Resp: 109489
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 45.719 ug/l

RT: 11.093 min Scan# 1520

Delta R.T. 0.006 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

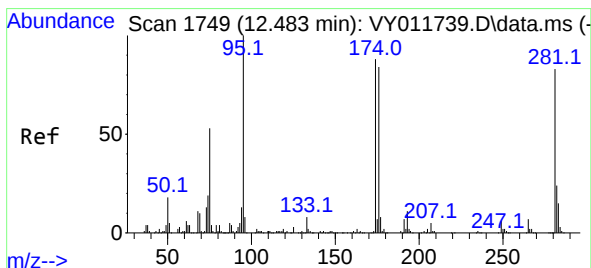
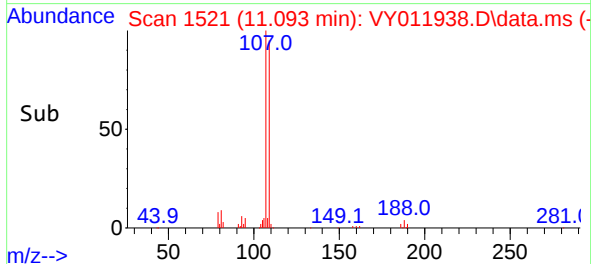
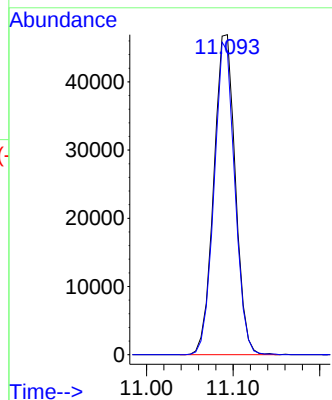
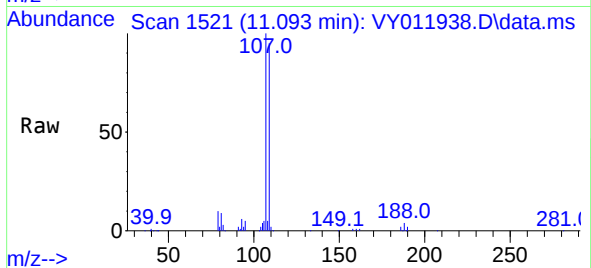
VSTDCCC050

Tgt Ion:107 Resp: 80912

Ion Ratio Lower Upper

107 100

109 93.9 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 48.192 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

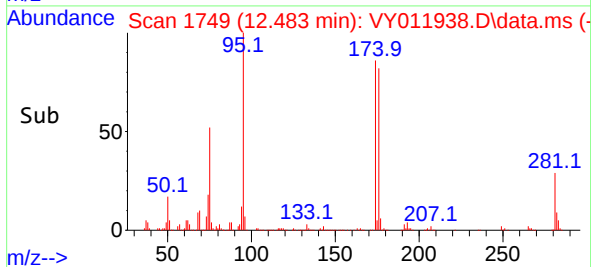
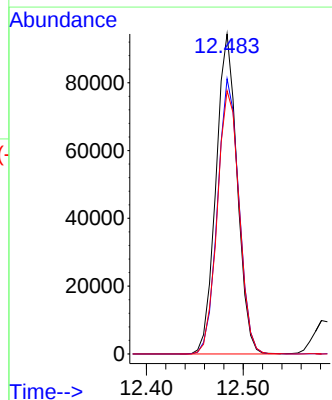
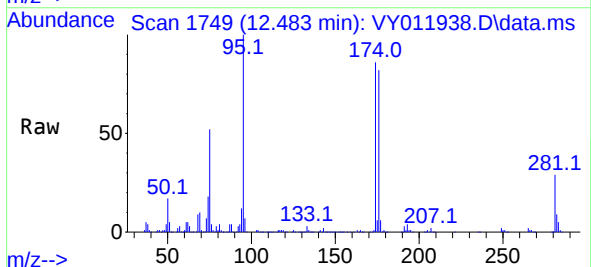
Tgt Ion: 95 Resp: 143482

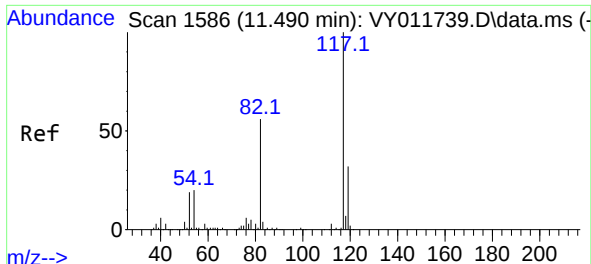
Ion Ratio Lower Upper

95 100

174 86.5 0.0 172.0

176 84.9 0.0 167.6

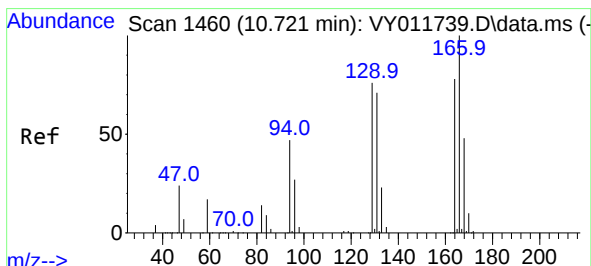
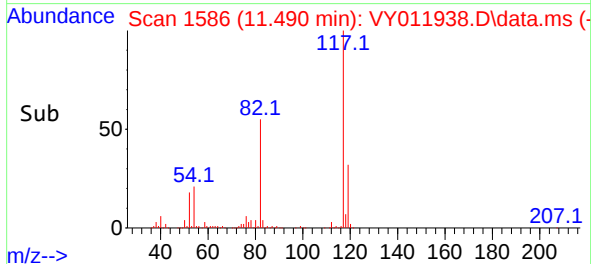
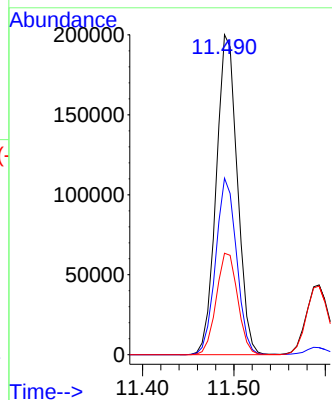
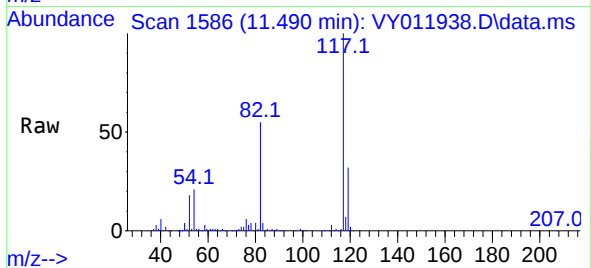




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

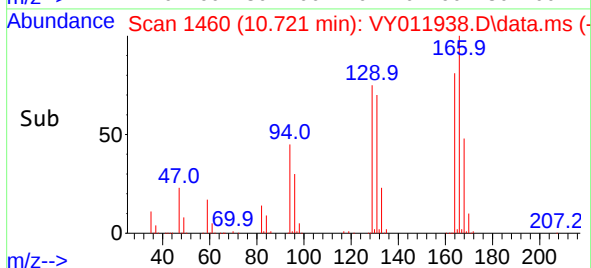
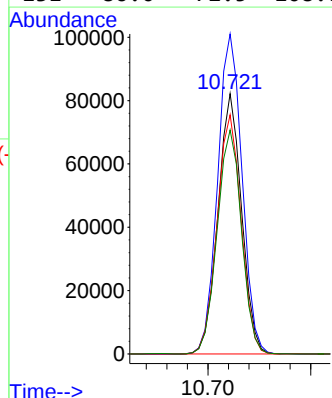
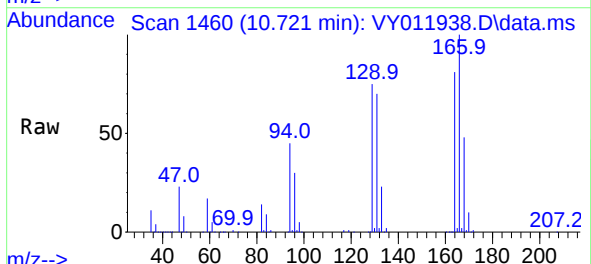
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

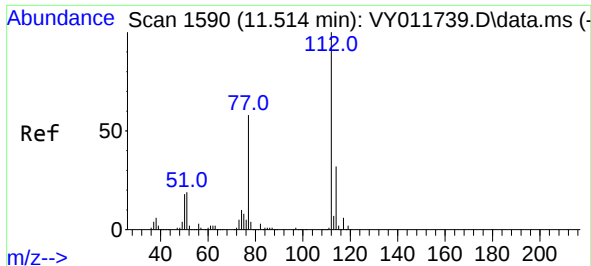
Tgt Ion:117 Resp: 321098
Ion Ratio Lower Upper
117 100
82 55.2 44.8 67.2
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 46.800 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion:164 Resp: 131537
Ion Ratio Lower Upper
164 100
166 122.9 102.3 153.5
129 91.9 77.2 115.8
131 86.0 72.5 108.7

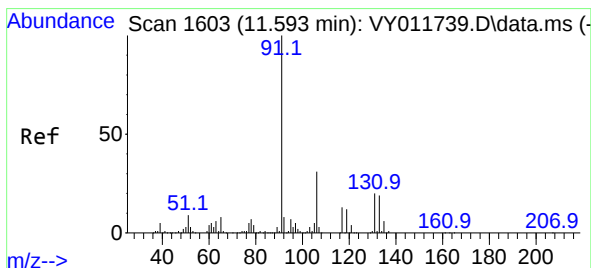
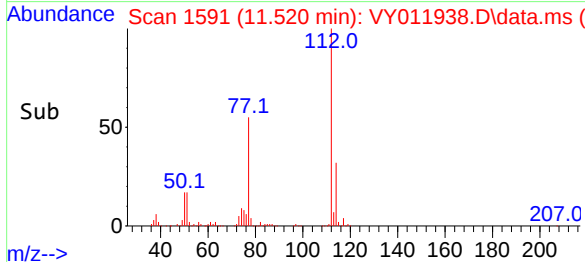
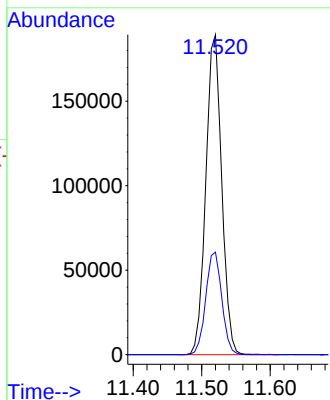
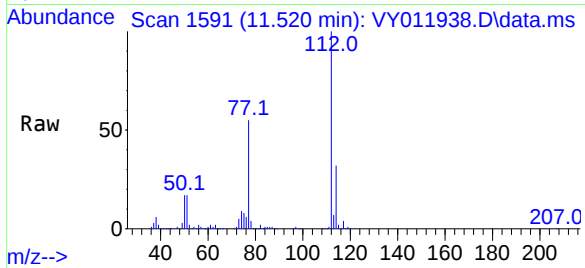




#65
Chlorobenzene
Concen: 45.802 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

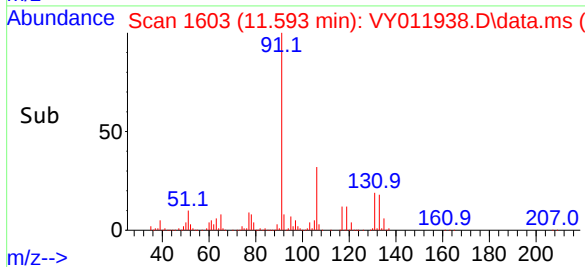
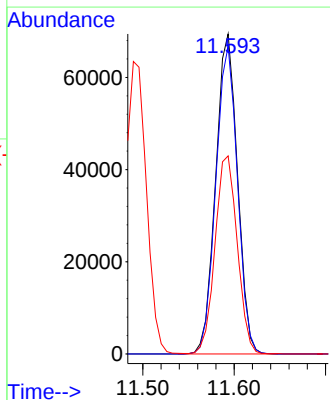
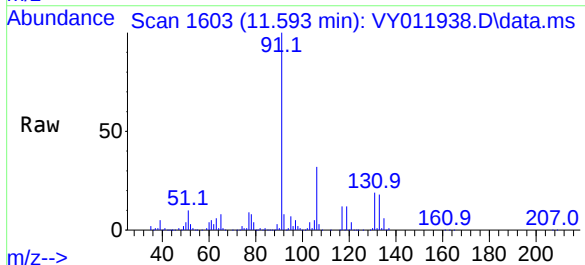
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

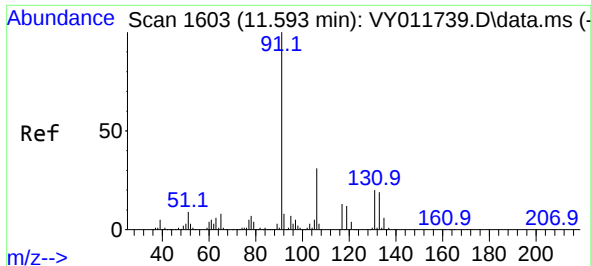
Tgt Ion:112 Resp: 305367
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 46.382 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion:131 Resp: 115055
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 63.2 32.1 96.3





#67

Ethyl Benzene

Concen: 47.183 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

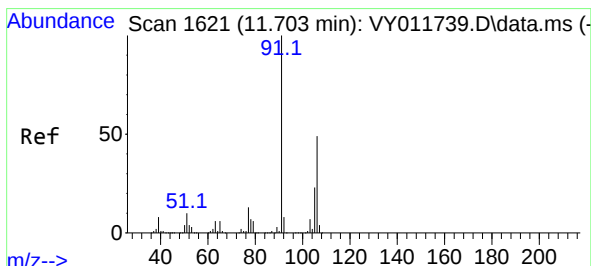
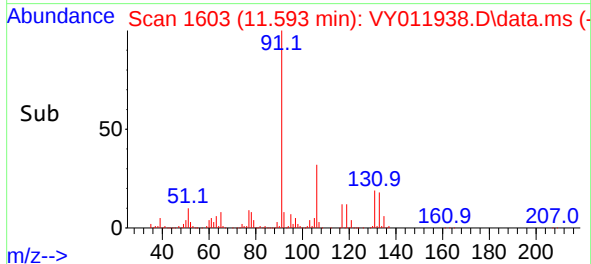
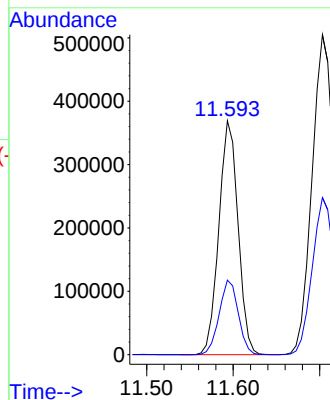
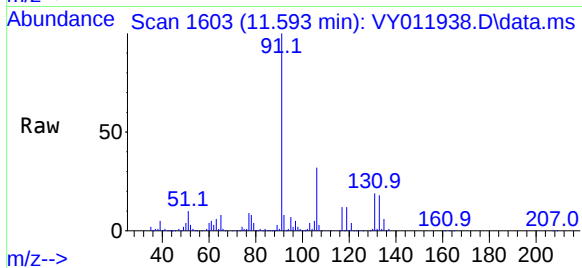
VSTDCCC050

Tgt Ion: 91 Resp: 568626

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.4



#68

m/p-Xylenes

Concen: 94.576 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY011938.D

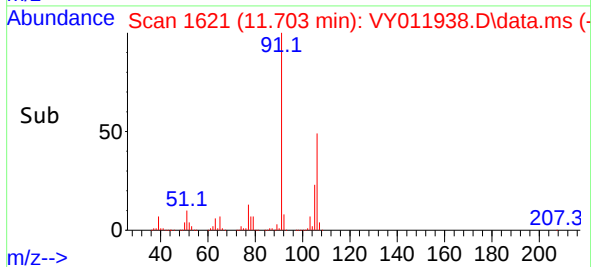
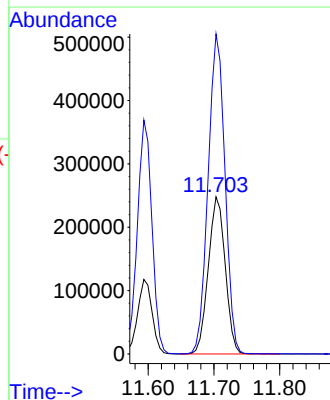
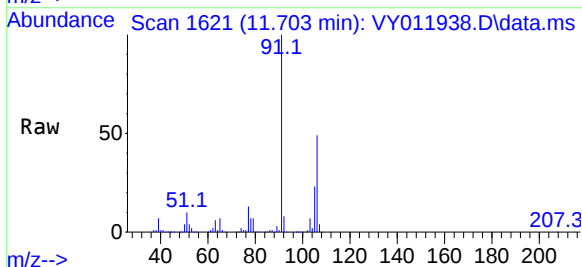
Acq: 21 Dec 2022 11:20

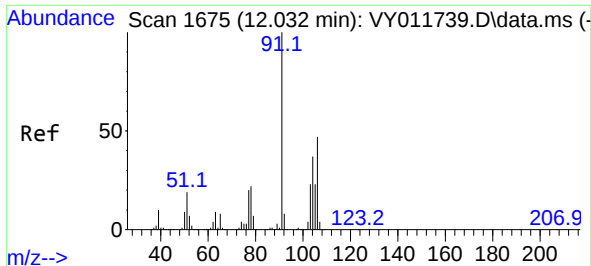
Tgt Ion: 106 Resp: 443272

Ion Ratio Lower Upper

106 100

91 203.1 162.5 243.7

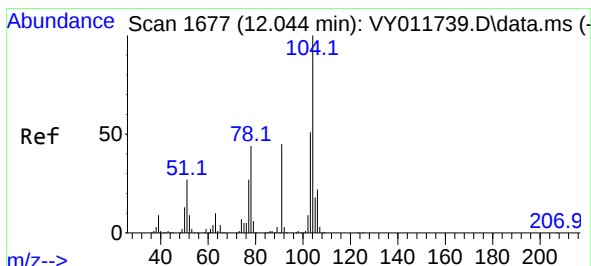
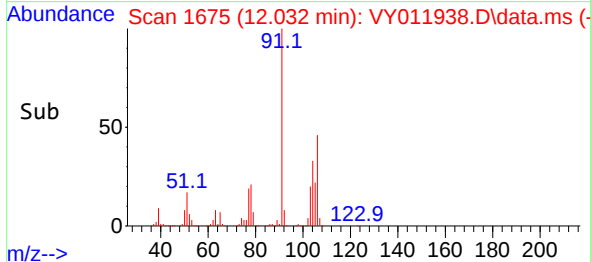
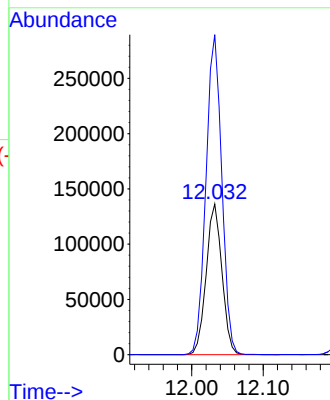
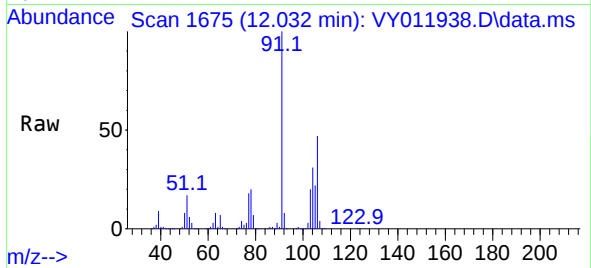




#69
o-Xylene
Concen: 47.859 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

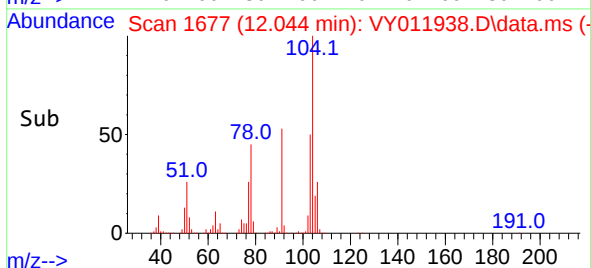
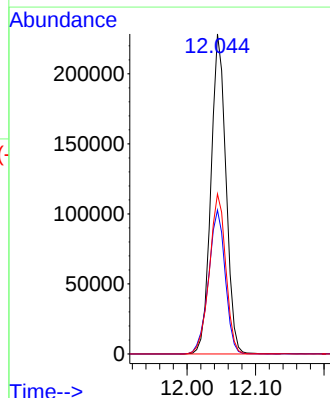
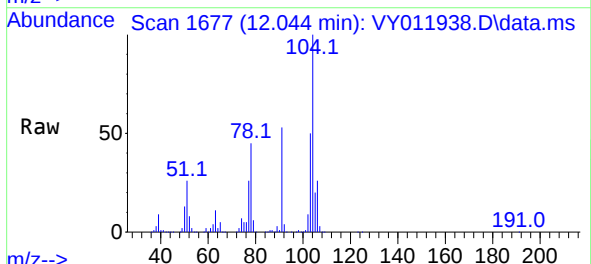
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

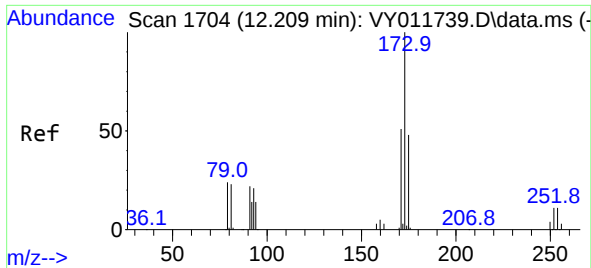
Tgt Ion:106 Resp: 208711
Ion Ratio Lower Upper
106 100
91 213.1 107.5 322.4



#70
Styrene
Concen: 47.661 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion:104 Resp: 348986
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.0
103 54.4 43.0 64.4

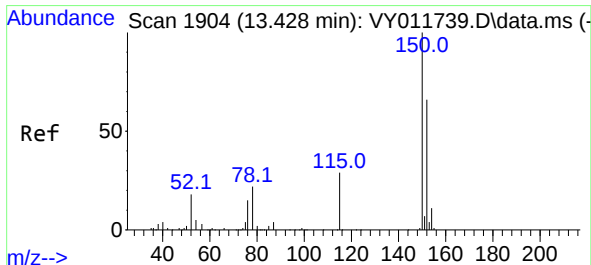
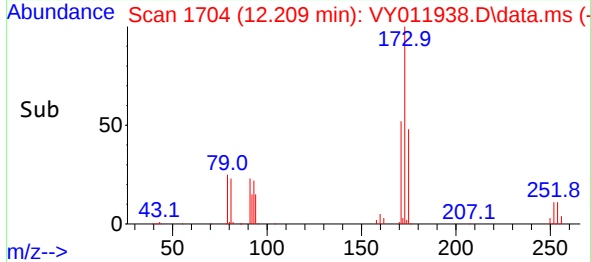
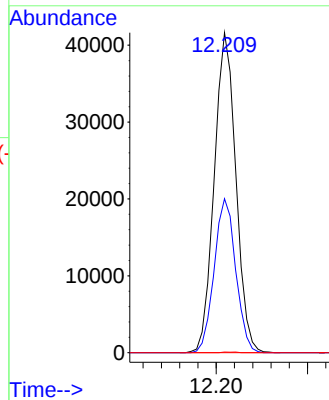
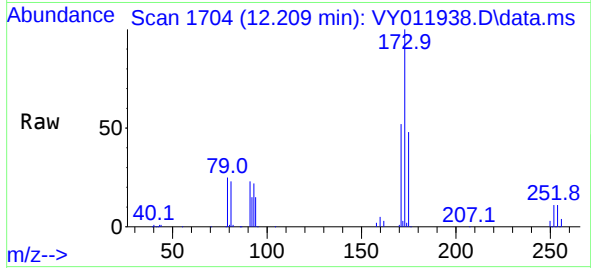




#71
Bromoform
Concen: 46.493 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

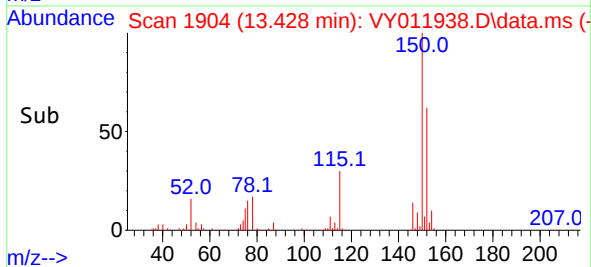
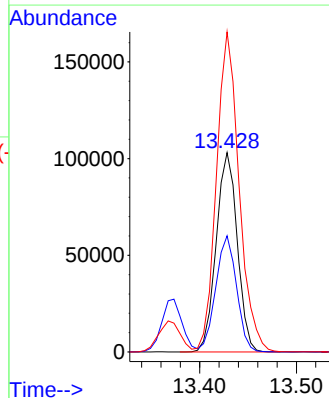
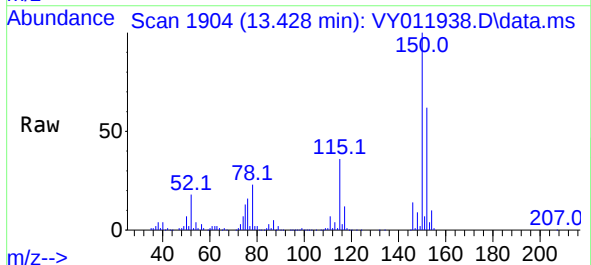
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

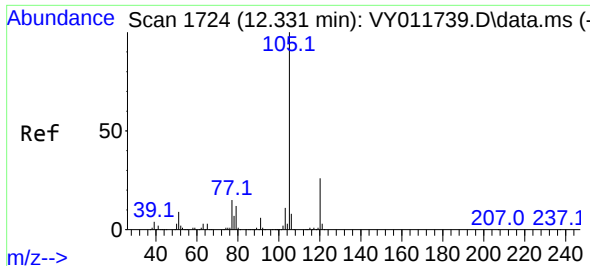
Tgt Ion:173 Resp: 68338
Ion Ratio Lower Upper
173 100
175 47.9 23.8 71.5
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion:152 Resp: 155779
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 172.9 0.0 342.6

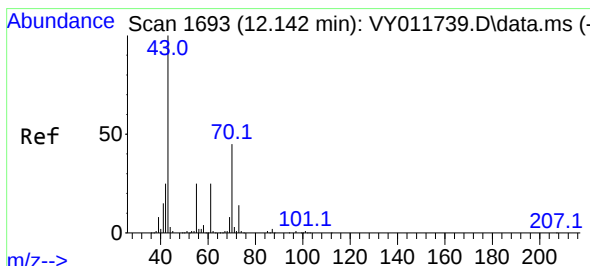
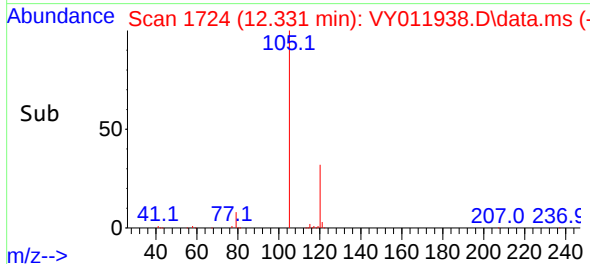
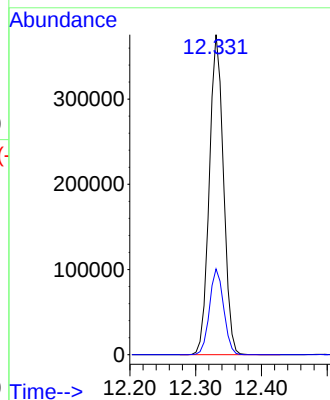
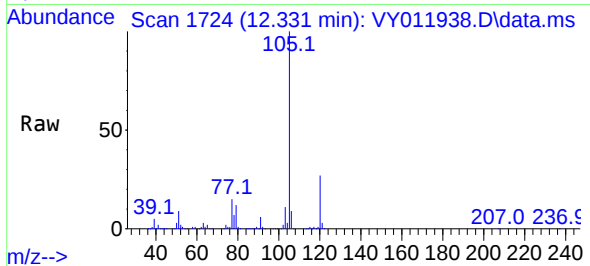




#73
Isopropylbenzene
Concen: 48.617 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

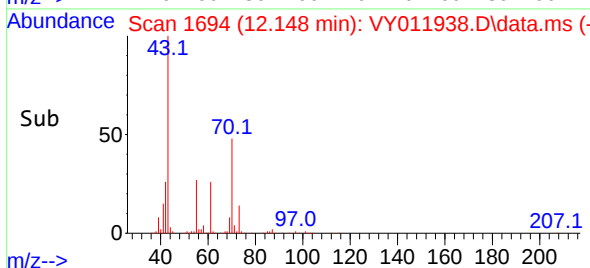
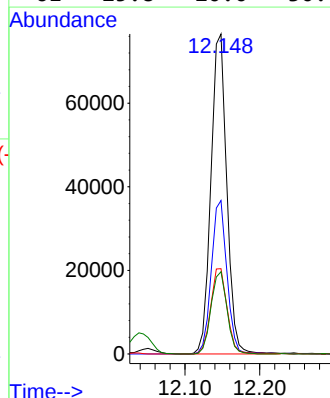
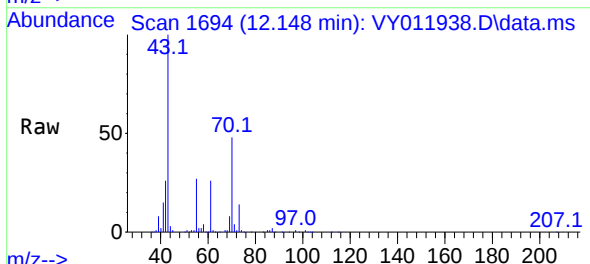
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

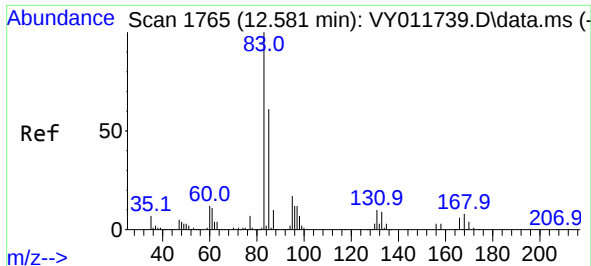
Tgt Ion:105 Resp: 561995
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 47.608 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 43 Resp: 112826
Ion Ratio Lower Upper
43 100
70 47.4 35.8 53.8
55 27.9 21.0 31.4
61 25.8 20.0 30.0

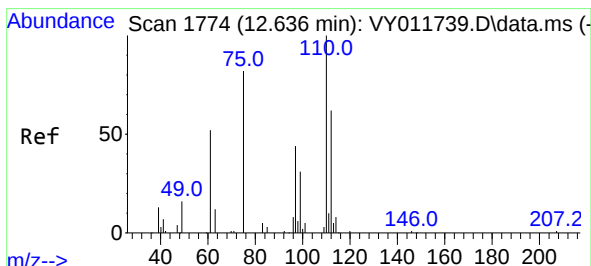
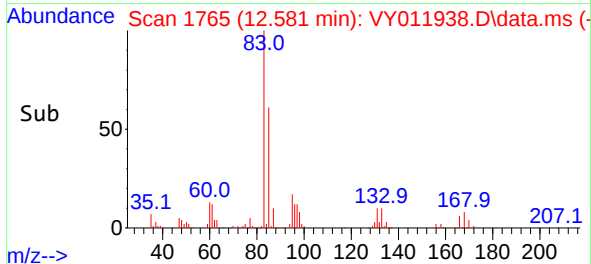
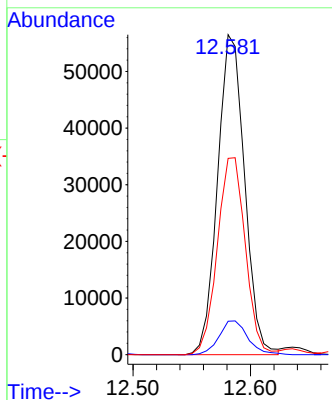
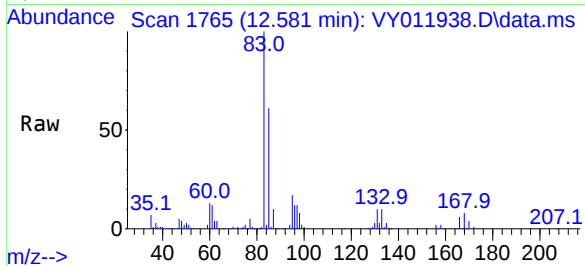




#75
1,1,2,2-Tetrachloroethane
Concen: 46.864 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

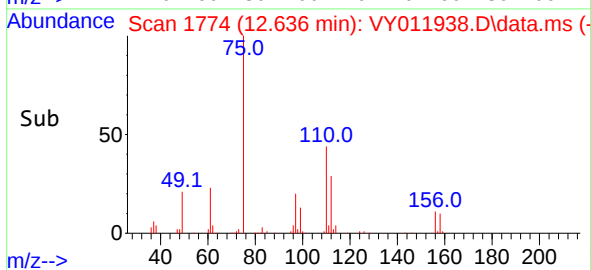
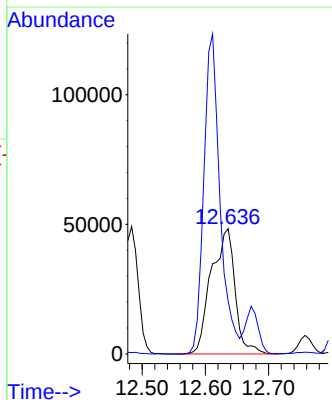
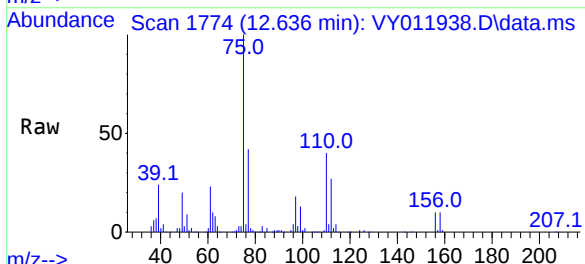
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

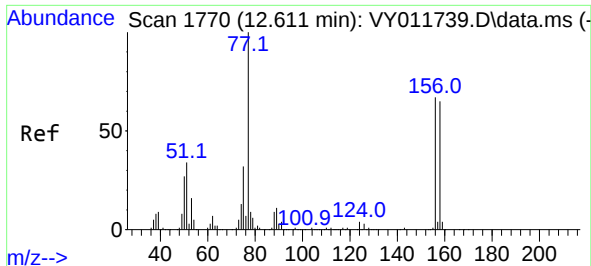
Tgt Ion: 83 Resp: 90375
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 63.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 65.202 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 75 Resp: 126389
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

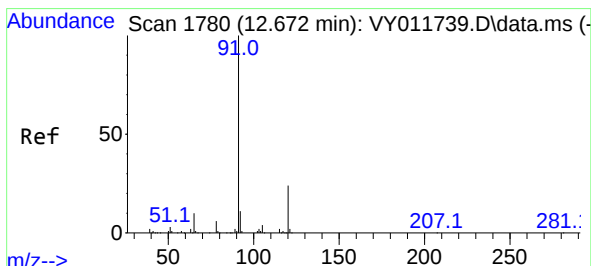
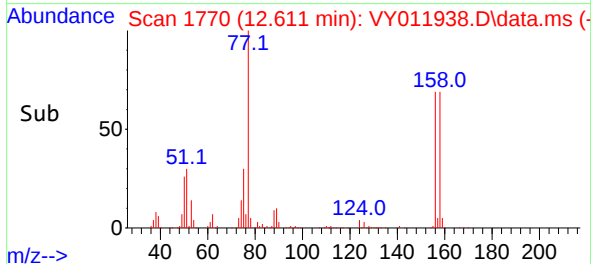
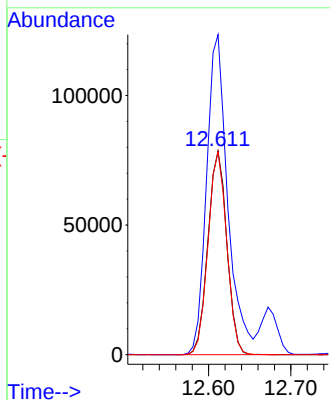
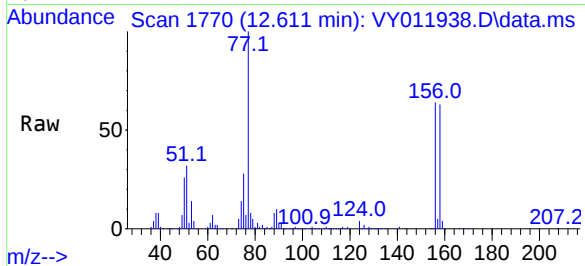




#77
Bromobenzene
Concen: 47.069 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

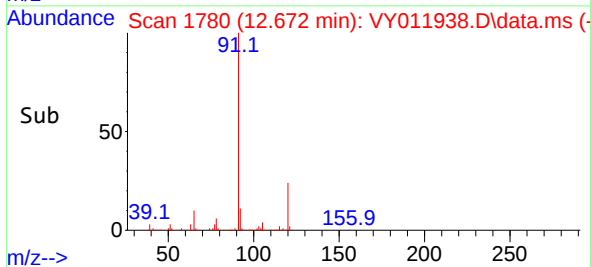
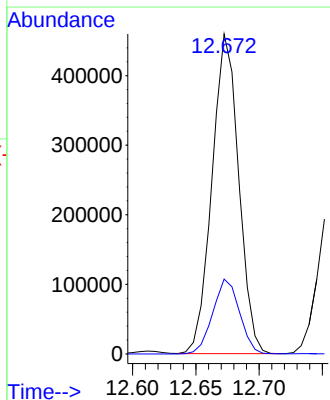
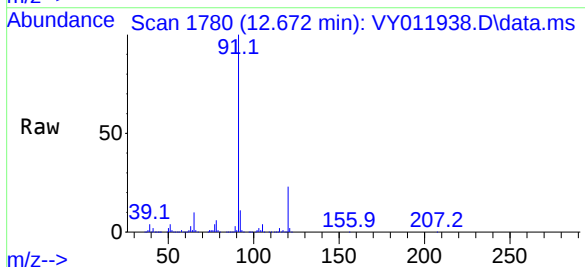
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

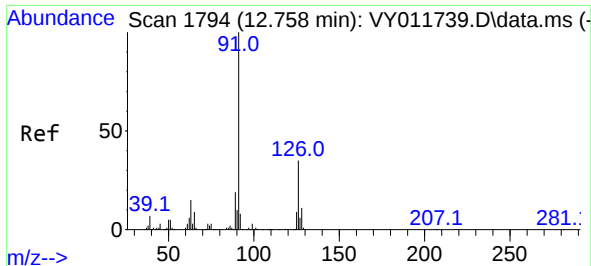
Tgt Ion:156 Resp: 125878
Ion Ratio Lower Upper
156 100
77 175.4 90.0 270.0
158 98.3 48.4 145.2



#78
n-propylbenzene
Concen: 48.469 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 91 Resp: 673482
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.4





#79

2-Chlorotoluene

Concen: 47.464 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

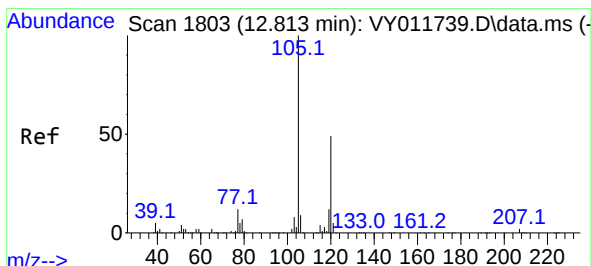
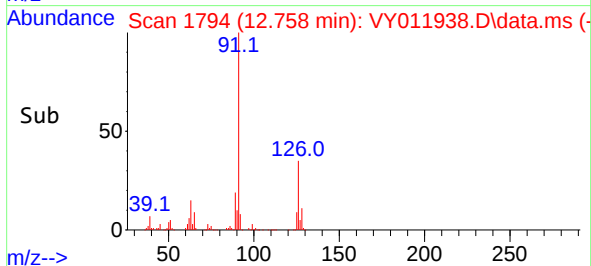
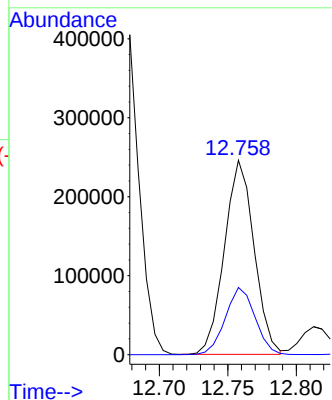
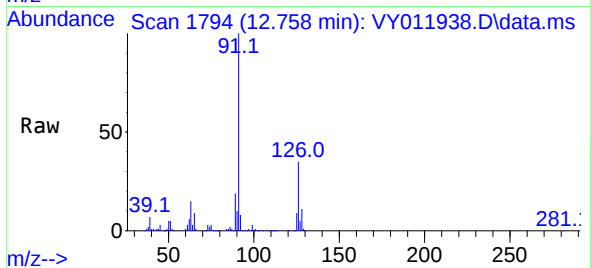
VSTDCCC050

Tgt Ion: 91 Resp: 370723

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 48.257 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY011938.D

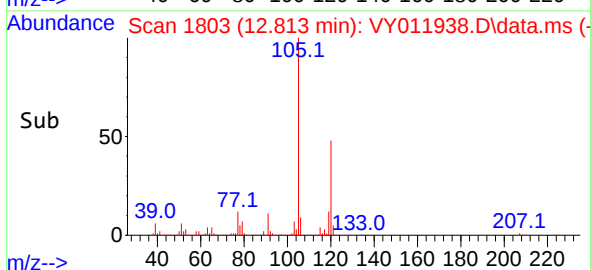
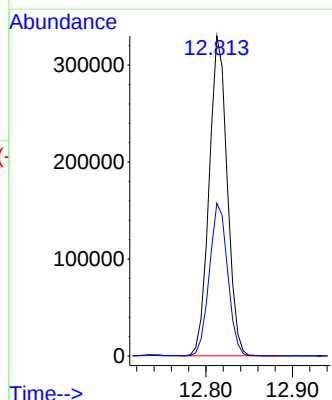
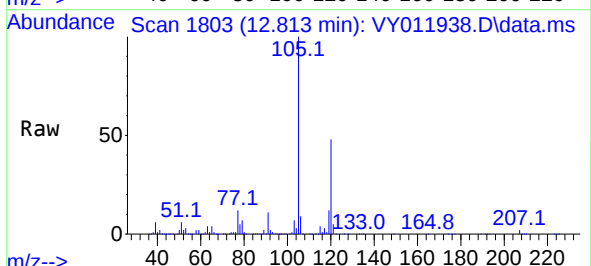
Acq: 21 Dec 2022 11:20

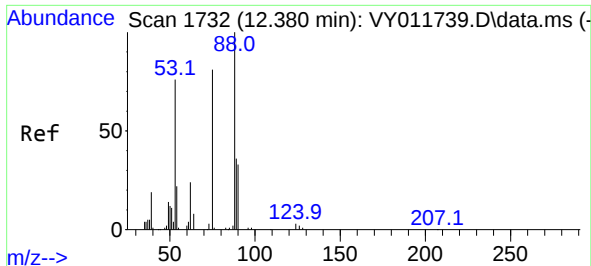
Tgt Ion: 105 Resp: 477601

Ion Ratio Lower Upper

105 100

120 48.4 24.2 72.6

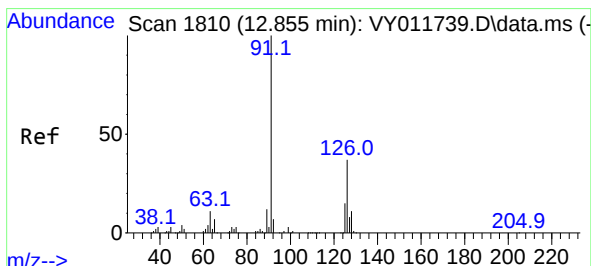
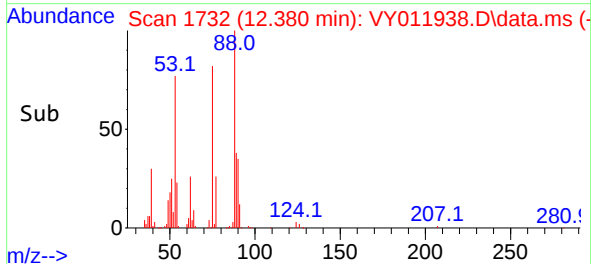
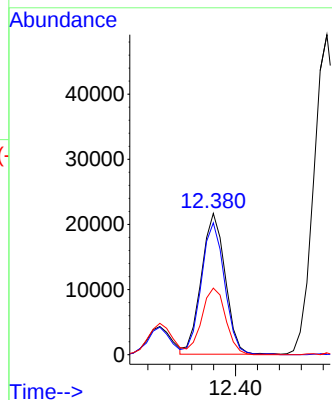
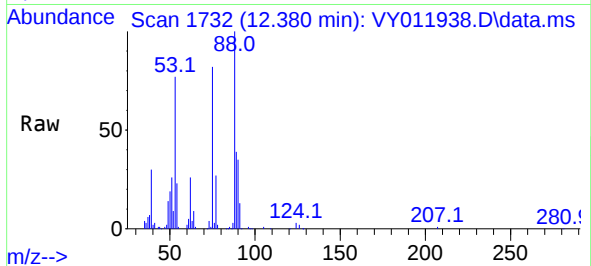




#81
trans-1,4-Dichloro-2-butene
Concen: 46.050 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

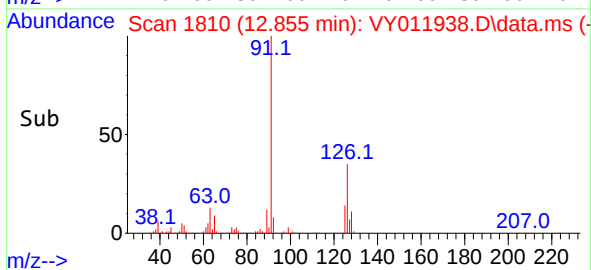
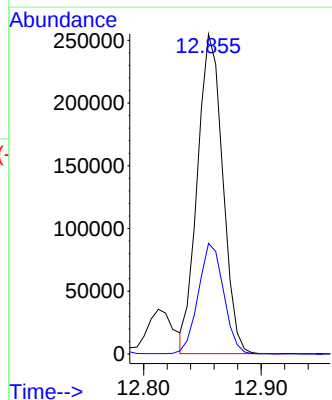
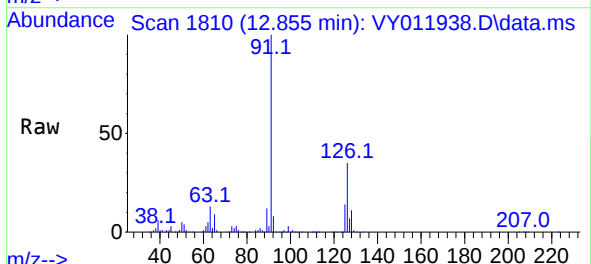
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

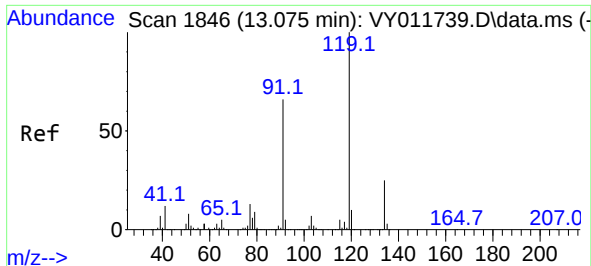
Tgt Ion: 75 Resp: 32596
Ion Ratio Lower Upper
75 100
53 92.2 72.5 108.7
89 47.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.088 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 91 Resp: 380537
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2

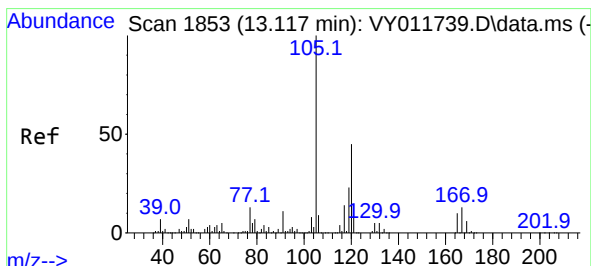
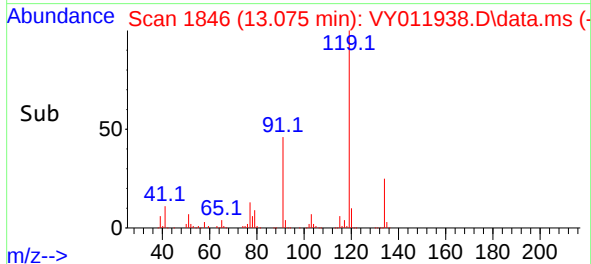
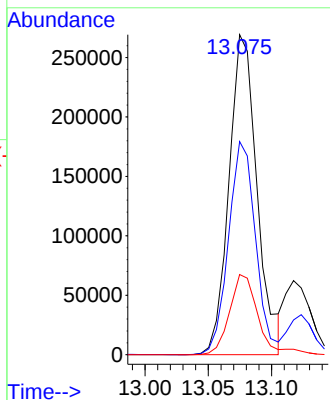
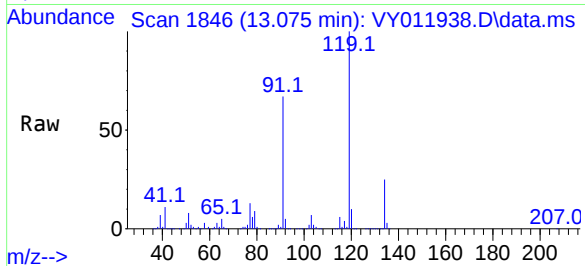




#83
tert-Butylbenzene
Concen: 49.612 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

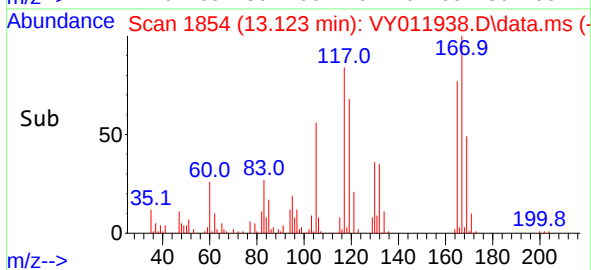
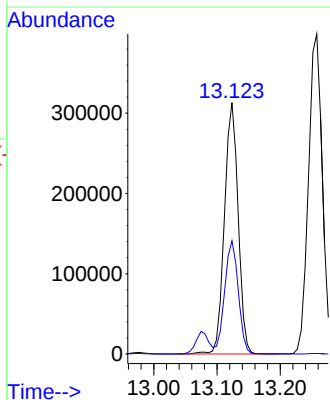
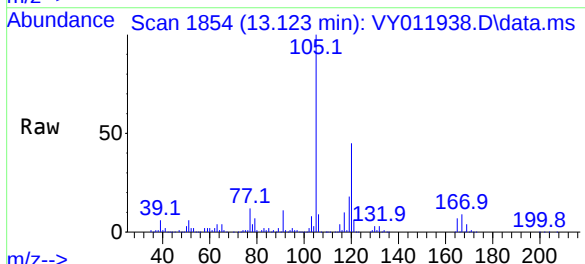
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

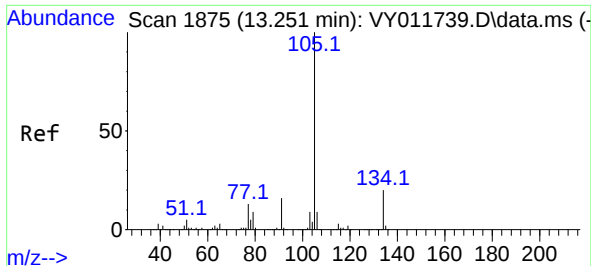
Tgt Ion:119 Resp: 416131
Ion Ratio Lower Upper
119 100
91 64.3 32.3 96.8
134 25.5 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 48.245 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion:105 Resp: 469738
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.7

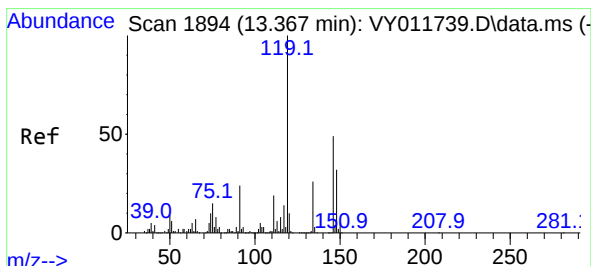
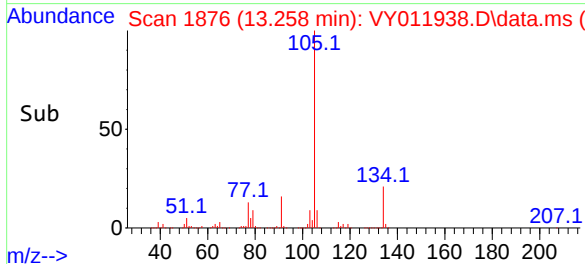
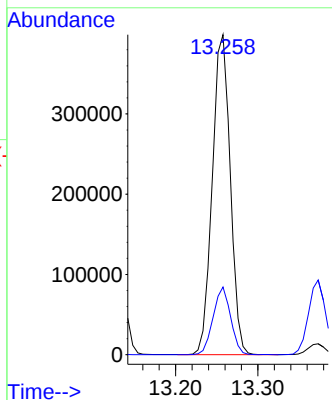
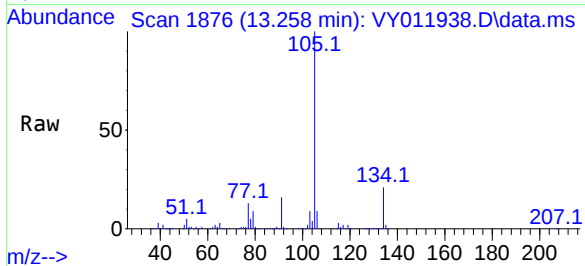




#85
 sec-Butylbenzene
 Concen: 48.258 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY011938.D
 Acq: 21 Dec 2022 11:20

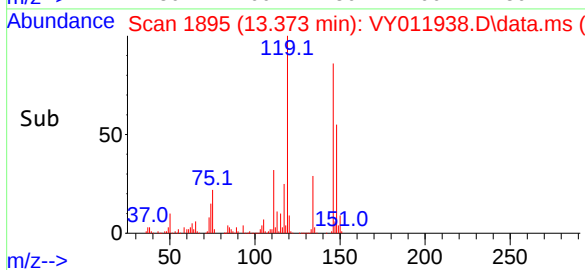
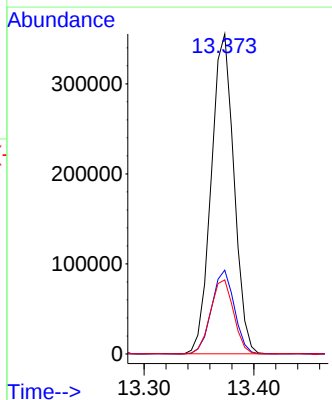
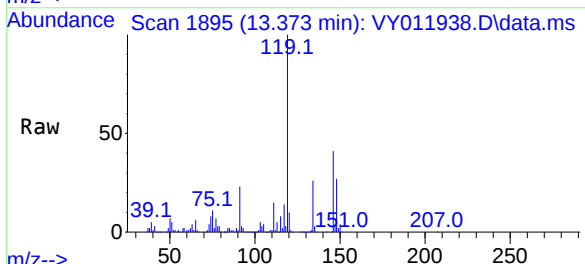
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 604434
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 48.393 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY011938.D
 Acq: 21 Dec 2022 11:20

Tgt Ion:119 Resp: 511439
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 46.578 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

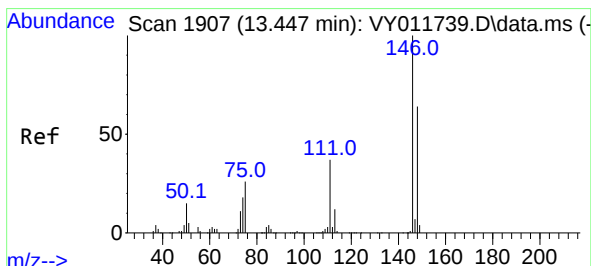
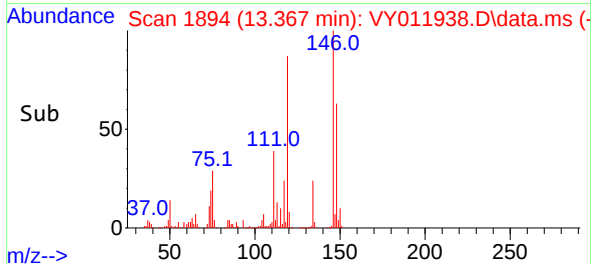
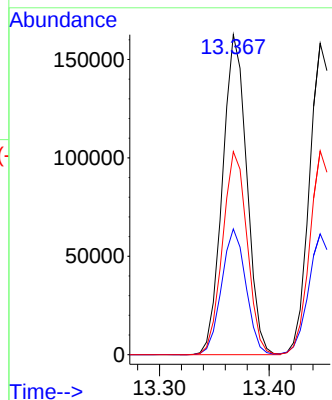
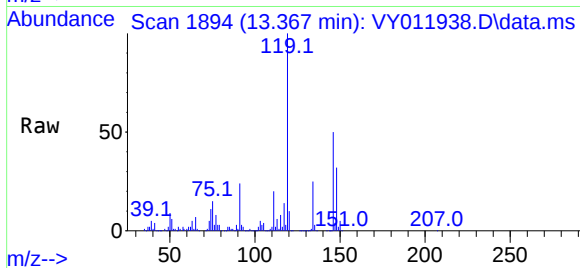
Tgt Ion:146 Resp: 250517

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 46.206 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

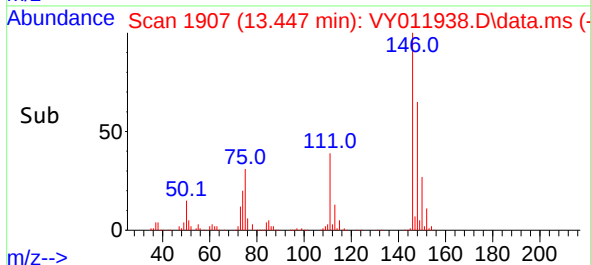
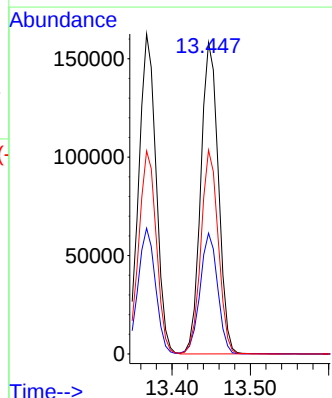
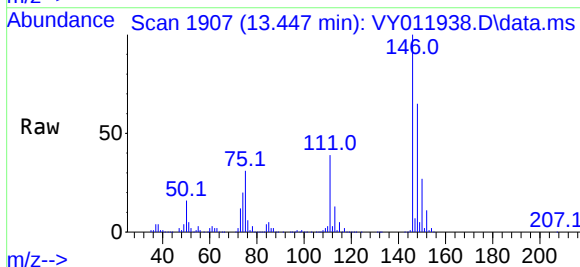
Tgt Ion:146 Resp: 247054

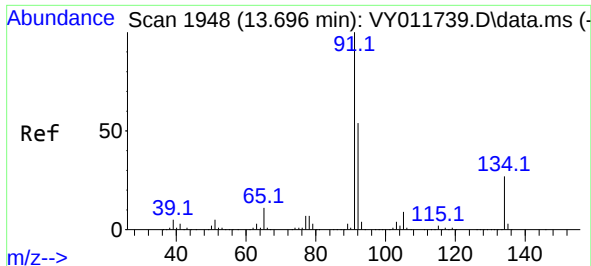
Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.7

148 64.2 31.9 95.7





#89

n-Butylbenzene

Concen: 48.224 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY011938.D

Acq: 21 Dec 2022 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

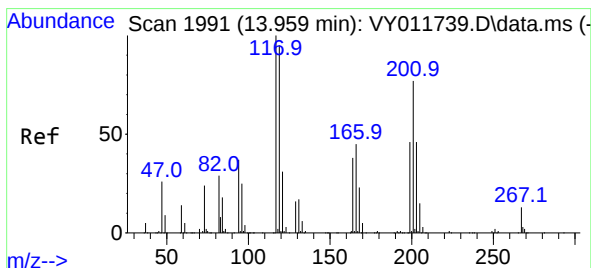
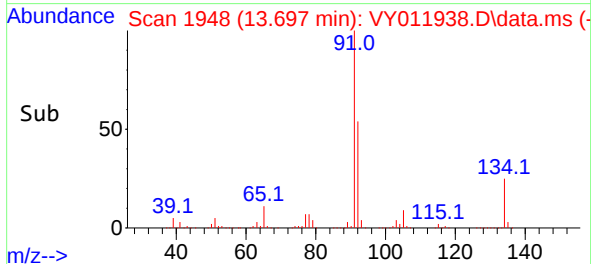
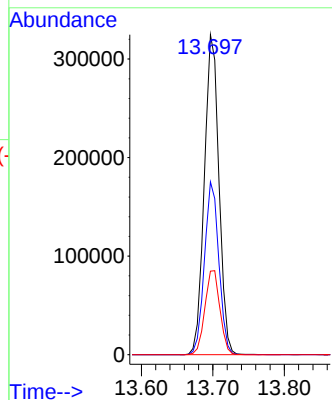
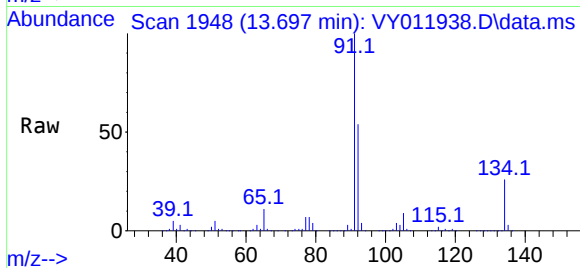
Tgt Ion: 91 Resp: 461367

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

134 27.1 13.3 39.8



#90

Hexachloroethane

Concen: 46.352 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY011938.D

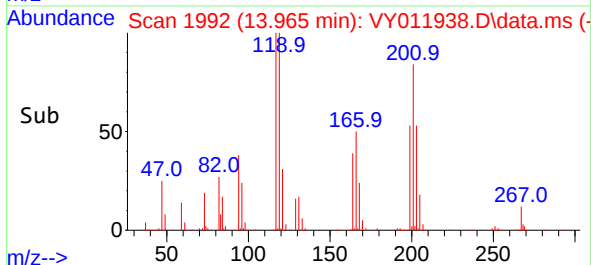
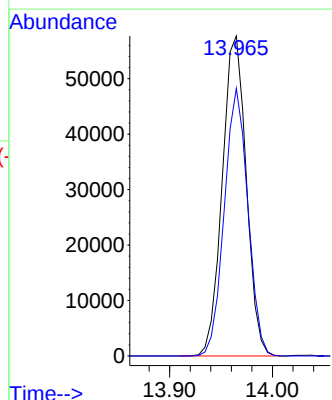
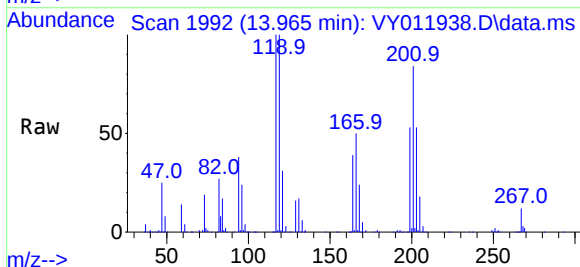
Acq: 21 Dec 2022 11:20

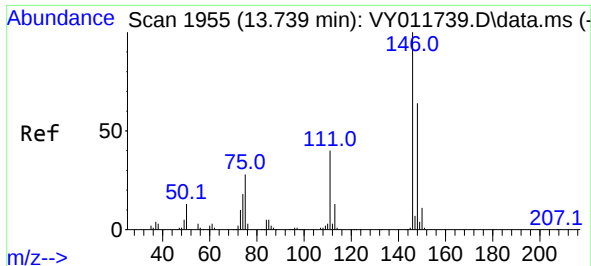
Tgt Ion: 117 Resp: 93469

Ion Ratio Lower Upper

117 100

201 82.1 40.3 120.8

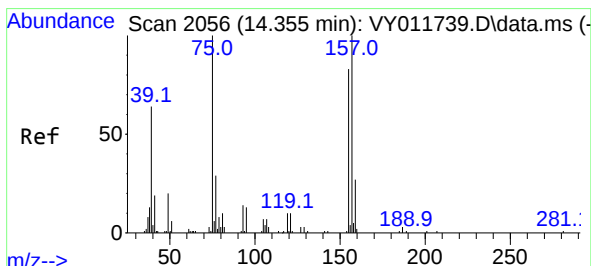
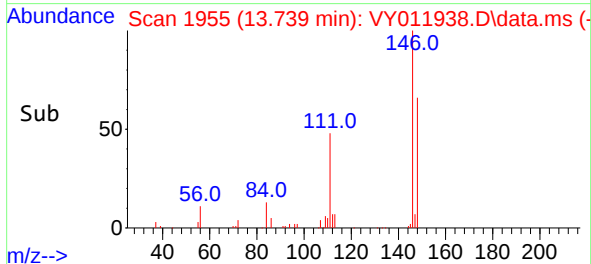
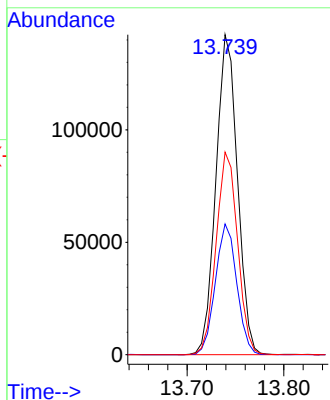
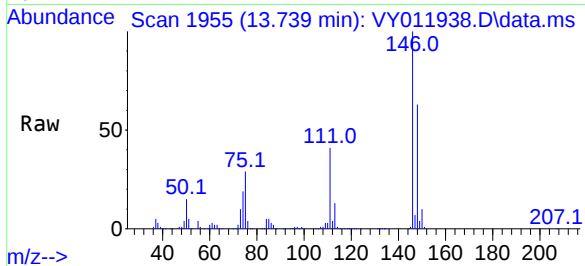




#91
1,2-Dichlorobenzene
Concen: 46.932 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

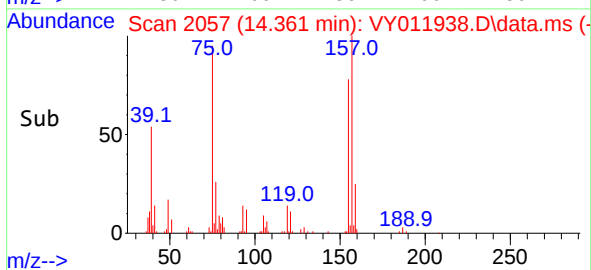
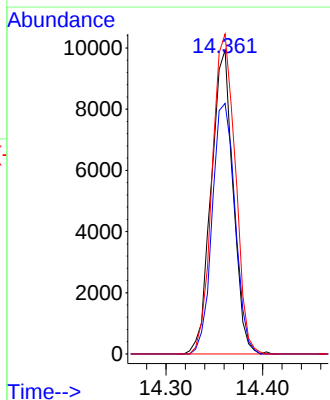
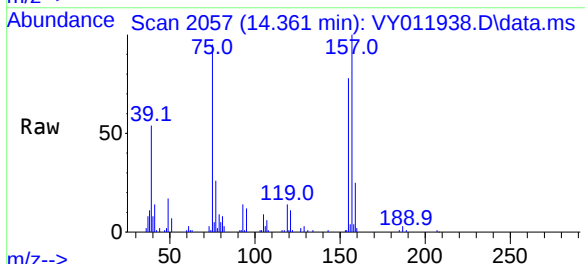
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

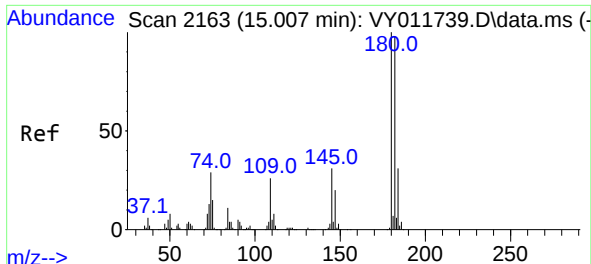
Tgt Ion:146 Resp: 220059
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.8
148 63.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.008 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion: 75 Resp: 15579
Ion Ratio Lower Upper
75 100
155 86.1 42.3 126.8
157 111.2 54.4 163.3

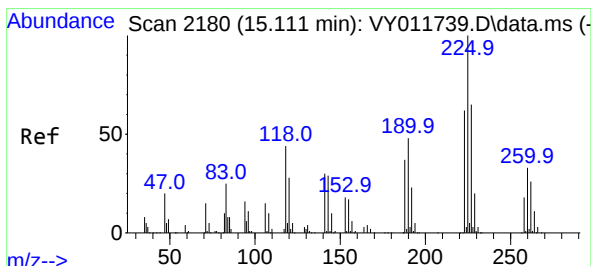
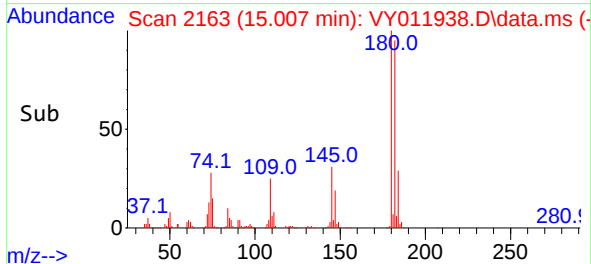
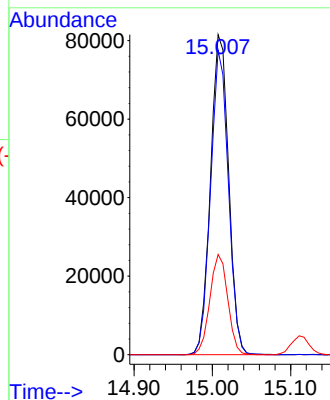
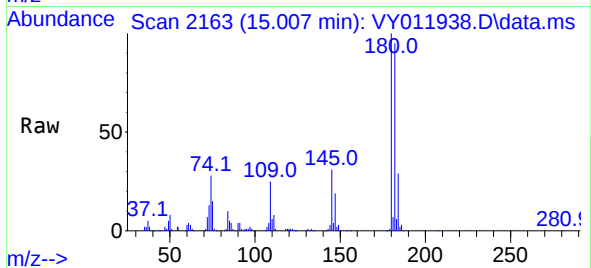




#93
1,2,4-Trichlorobenzene
Concen: 47.591 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

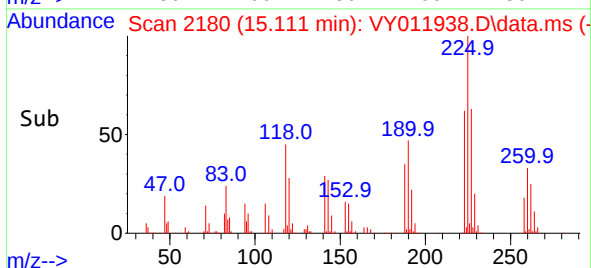
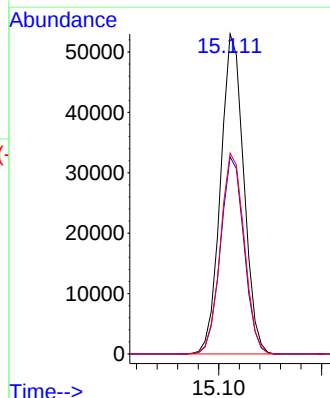
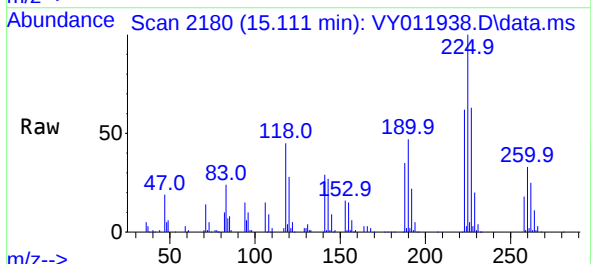
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

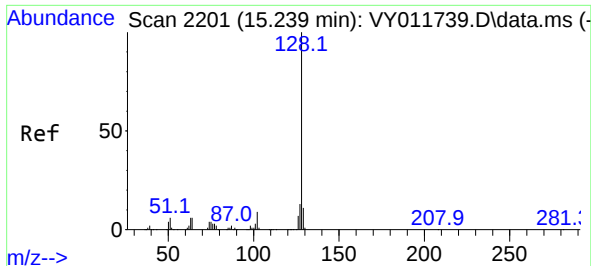
Tgt Ion:180 Resp: 131269
Ion Ratio Lower Upper
180 100
182 93.0 48.1 144.3
145 30.8 15.4 46.4



#94
Hexachlorobutadiene
Concen: 46.373 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion:225 Resp: 82649
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.2
227 64.6 32.6 97.8

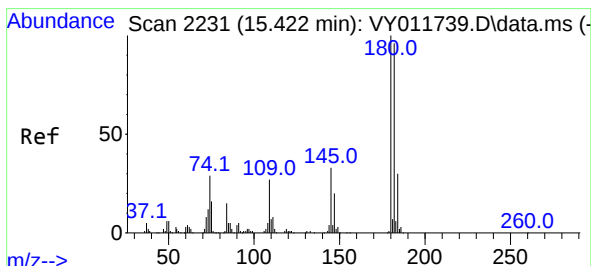
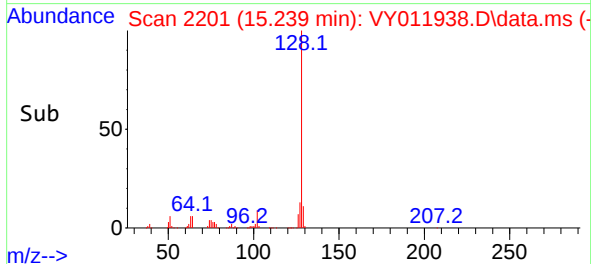
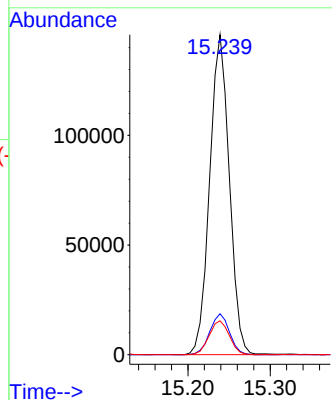
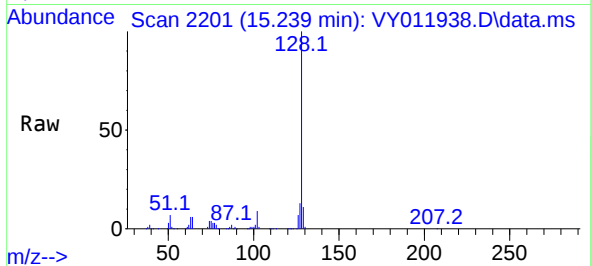




#95
Naphthalene
Concen: 42.676 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 242363
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.950 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY011938.D
Acq: 21 Dec 2022 11:20

Tgt Ion:180 Resp: 109488
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.7
145 32.7 16.1 48.2

