

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011920.D
 Acq On : 20 Dec 2022 14:28
 Operator : KP/MD
 Sample : VY1220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

Quant Time: Dec 20 14:51:22 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	227738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	356571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	317824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116079	50.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.180%	
35) Dibromofluoromethane	7.716	113	106593	49.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.320%	
50) Toluene-d8	10.179	98	438404	50.336	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.483	95	146191	49.908	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.820%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	22987	14.498	ug/l	95
3) Chloromethane	2.113	50	32292	15.932	ug/l	95
4) Vinyl Chloride	2.253	62	36240	16.213	ug/l	97
5) Bromomethane	2.650	94	30553	19.213	ug/l	95
6) Chloroethane	2.790	64	25838	17.684	ug/l	99
7) Trichlorofluoromethane	3.125	101	70850	18.107	ug/l	99
8) Diethyl Ether	3.534	74	22675	18.781	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.900	101	39554	18.363	ug/l	98
10) Methyl Iodide	4.095	142	46967	15.759	ug/l	99
11) Tert butyl alcohol	4.954	59	20862	66.767	ug/l	97
12) 1,1-Dichloroethene	3.869	96	40126	18.623	ug/l	97
13) Acrolein	3.729	56	23821	111.064	ug/l	100
14) Allyl chloride	4.479	41	59713	18.819	ug/l	96
15) Acrylonitrile	5.161	53	54231	96.561	ug/l	100
16) Acetone	3.948	43	51771	78.978	ug/l	96
17) Carbon Disulfide	4.192	76	121487	17.676	ug/l	100
18) Methyl Acetate	4.473	43	32516	20.509	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	107558	19.455	ug/l	97
20) Methylene Chloride	4.716	84	60957	19.402	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	46540	19.010	ug/l	98
22) Diisopropyl ether	6.119	45	125842	20.137	ug/l	98
23) Vinyl Acetate	6.058	43	346139	96.272	ug/l	99
24) 1,1-Dichloroethane	6.015	63	78682	19.370	ug/l	98
25) 2-Butanone	6.984	43	69209	90.554	ug/l	97
26) 2,2-Dichloropropane	6.978	77	76034	19.129	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	51106	19.300	ug/l	99
28) Bromochloromethane	7.332	49	22435	20.126	ug/l	93
29) Tetrahydrofuran	7.344	42	42675	98.551	ug/l	96
30) Chloroform	7.509	83	85463	19.520	ug/l	100
31) Cyclohexane	7.783	56	72871	18.866	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	79778	19.157	ug/l	100
36) 1,1-Dichloropropene	7.917	75	66533	19.322	ug/l	99
37) Ethyl Acetate	7.076	43	29106	18.841	ug/l	98
38) Carbon Tetrachloride	7.899	117	75507	18.987	ug/l	97
39) Methylcyclohexane	9.185	83	76814	18.540	ug/l	98
40) Benzene	8.161	78	189110	19.191	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	40088	53.663	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	55302	19.495	ug/l	100
43) Isopropyl Acetate	8.271	43	53587	18.993	ug/l	96
44) Trichloroethene	8.935	130	53794	19.368	ug/l	98
45) 1,2-Dichloropropane	9.216	63	43507	19.109	ug/l	100
46) Dibromomethane	9.307	93	25283	19.278	ug/l	99
47) Bromodichloromethane	9.496	83	64301	19.326	ug/l	98
48) Methyl methacrylate	9.295	41	24717	18.921	ug/l	94
49) 1,4-Dioxane	9.301	88	6180	394.685	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	146225	97.195	ug/l	100
52) Toluene	10.246	92	121397	19.336	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	64339	19.137	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	74173	19.628	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	36044	19.368	ug/l	99
56) Ethyl methacrylate	10.508	69	45618	19.360	ug/l	99
57) 1,3-Dichloropropane	10.789	76	60951	19.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	92105	101.299	ug/l	99
59) 2-Hexanone	10.831	43	104295	94.232	ug/l	99
60) Dibromochloromethane	10.984	129	46344	19.768	ug/l	96
61) 1,2-Dibromoethane	11.087	107	34935	20.064	ug/l	97
64) Tetrachloroethene	10.721	164	54603	19.628	ug/l	97
65) Chlorobenzene	11.514	112	130359	19.754	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	48094	19.588	ug/l	99
67) Ethyl Benzene	11.593	91	233932	19.611	ug/l	100
68) m/p-Xylenes	11.703	106	183948	39.651	ug/l	99
69) o-Xylene	12.032	106	85416	19.788	ug/l	100
70) Styrene	12.044	104	143939	19.860	ug/l	99
71) Bromoform	12.209	173	28914	19.874	ug/l #	98
73) Isopropylbenzene	12.331	105	233618	19.899	ug/l	99
74) N-amyl acetate	12.142	43	46983	19.521	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	39254	20.043	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	54126	27.494	ug/l #	100
77) Bromobenzene	12.611	156	53811	19.812	ug/l	98
78) n-propylbenzene	12.672	91	281180	19.925	ug/l	99
79) 2-Chlorotoluene	12.758	91	156684	19.753	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	202772	20.174	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14764	20.538	ug/l	96
82) 4-Chlorotoluene	12.855	91	164380	20.028	ug/l	100
83) tert-Butylbenzene	13.075	119	171286	20.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	198768	20.101	ug/l	98
85) sec-Butylbenzene	13.252	105	257273	20.226	ug/l	100
86) p-Isopropyltoluene	13.367	119	216755	20.195	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	107812	19.738	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	107910	19.872	ug/l	99
89) n-Butylbenzene	13.697	91	192568	19.819	ug/l	99
90) Hexachloroethane	13.959	117	40666	19.857	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	96268	20.216	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6755	20.070	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	58819	20.997	ug/l	100
94) Hexachlorobutadiene	15.111	225	38318	21.170	ug/l	98
95) Naphthalene	15.233	128	107288	20.169	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	49954	21.092	ug/l	99

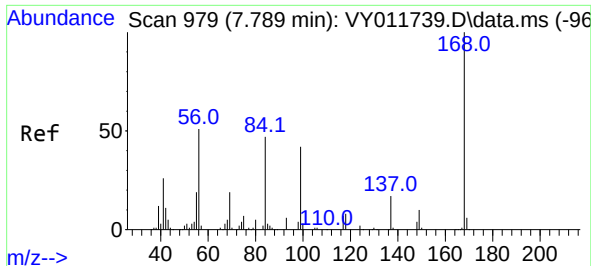
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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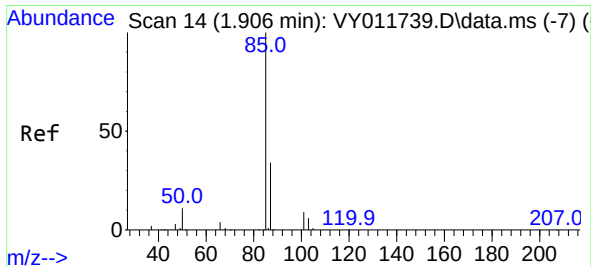
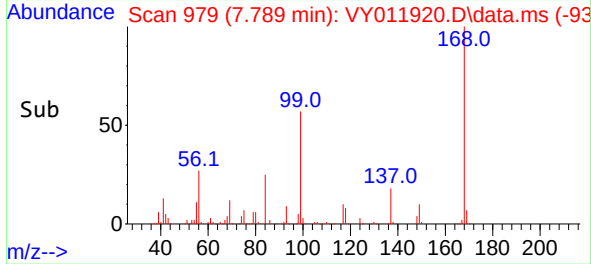
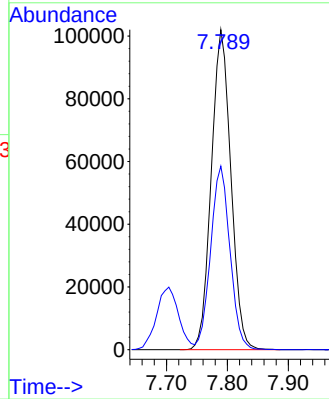
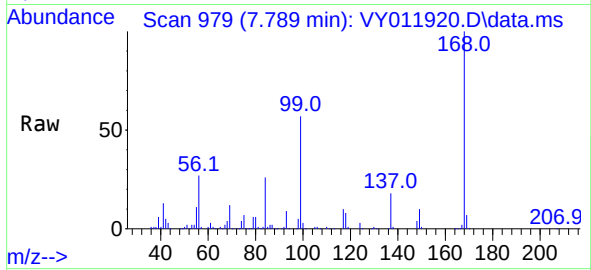
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

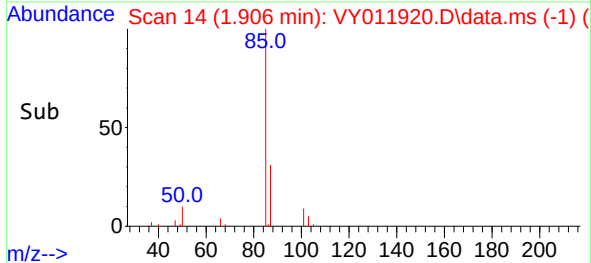
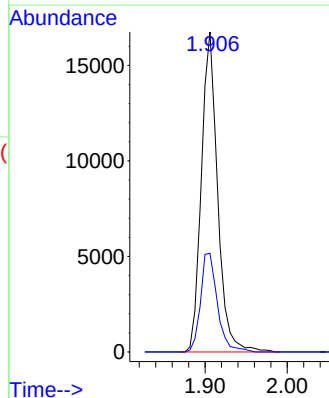
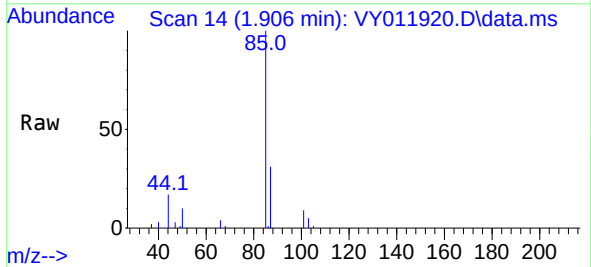
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

Tgt Ion:168 Resp: 227738
Ion Ratio Lower Upper
168 100
99 57.4 44.0 66.0

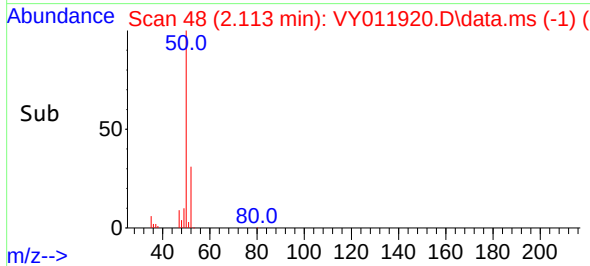
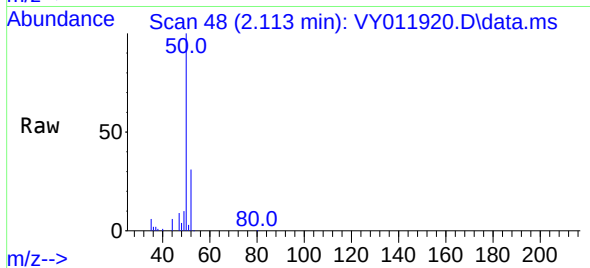
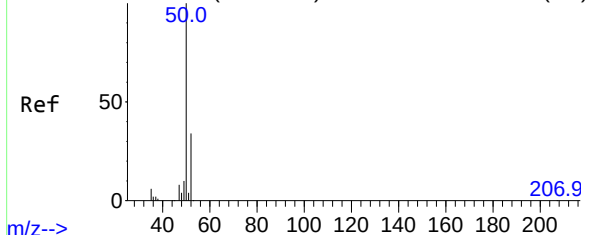


#2
Dichlorodifluoromethane
Concen: 14.498 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 85 Resp: 22987
Ion Ratio Lower Upper
85 100
87 30.9 16.8 50.4



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



#3

Chloromethane

Concen: 15.932 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY011920.D

Acq: 20 Dec 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

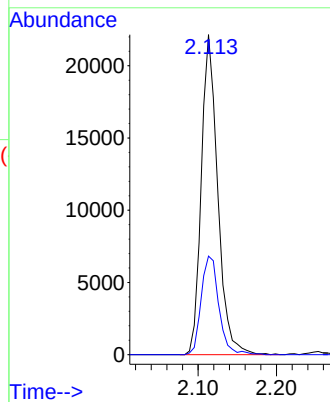
VY1220SBS01

Tgt Ion: 50 Resp: 32292

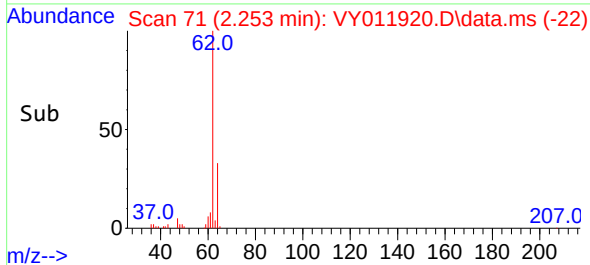
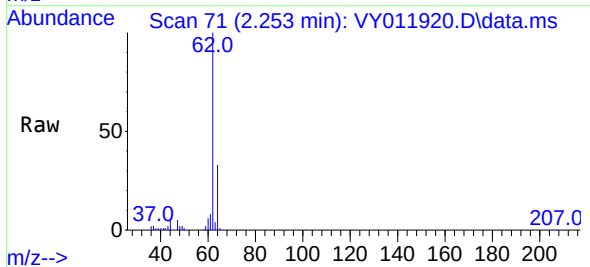
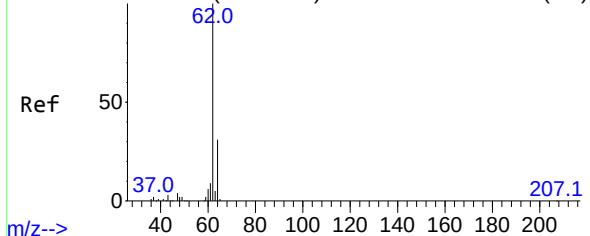
Ion Ratio Lower Upper

50 100

52 30.8 26.8 40.2



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



#4

Vinyl Chloride

Concen: 16.213 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY011920.D

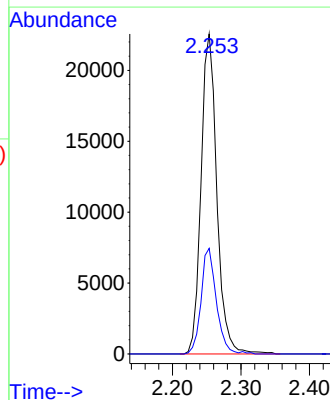
Acq: 20 Dec 2022 14:28

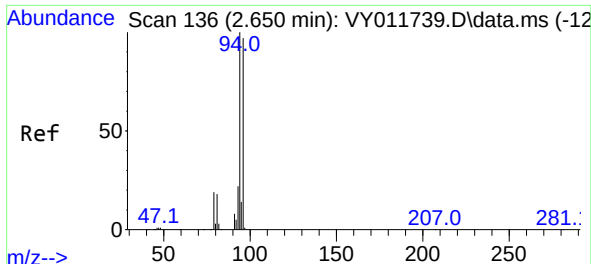
Tgt Ion: 62 Resp: 36240

Ion Ratio Lower Upper

62 100

64 33.0 25.0 37.6

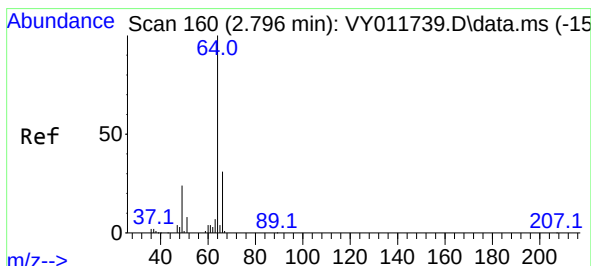
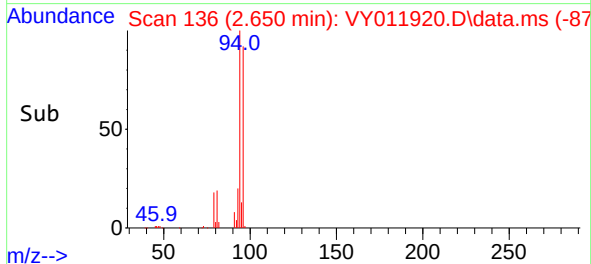
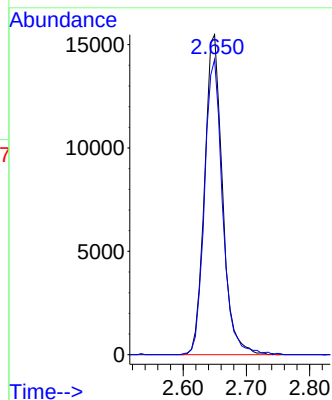
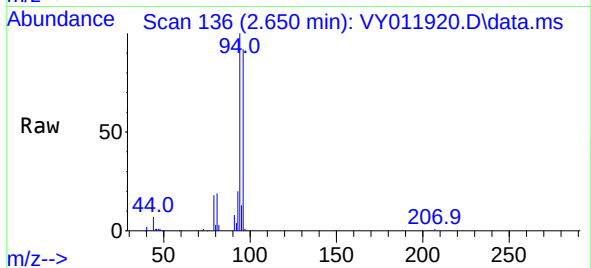




#5
Bromomethane
Concen: 19.213 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

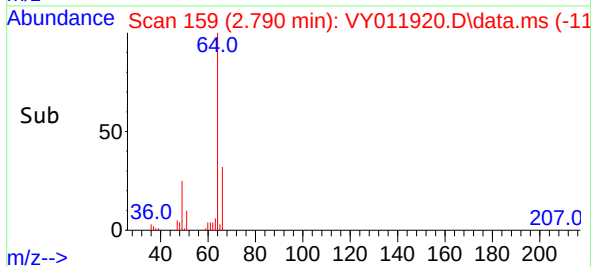
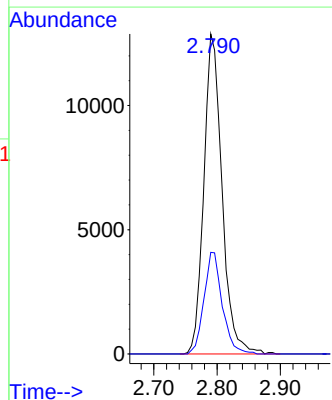
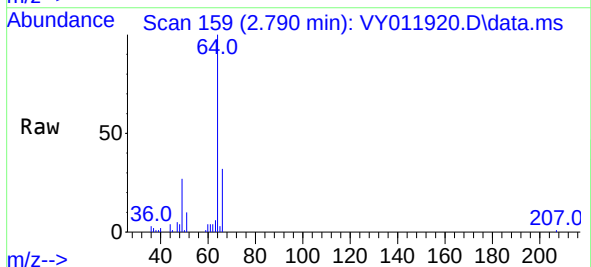
Instrument :
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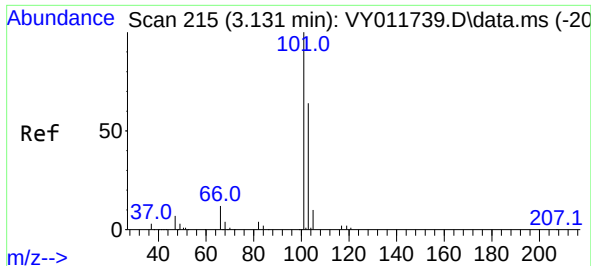
Tgt Ion: 94 Resp: 30553
Ion Ratio Lower Upper
94 100
96 92.3 77.4 116.2



#6
Chloroethane
Concen: 17.684 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 64 Resp: 25838
Ion Ratio Lower Upper
64 100
66 31.8 25.0 37.4

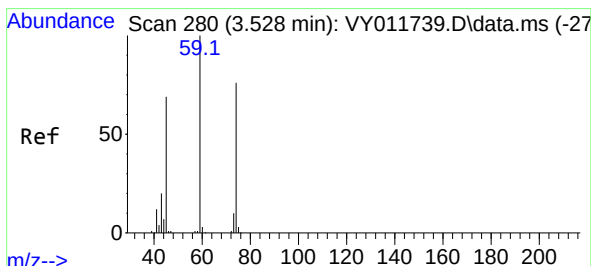
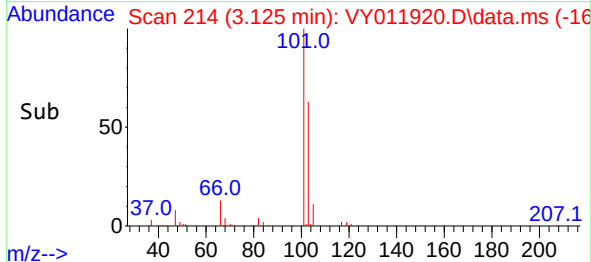
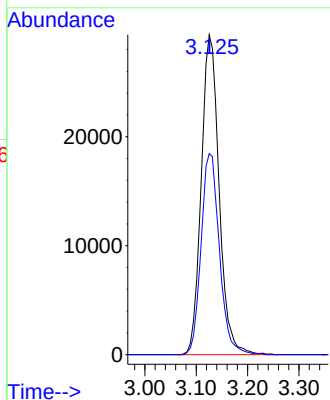
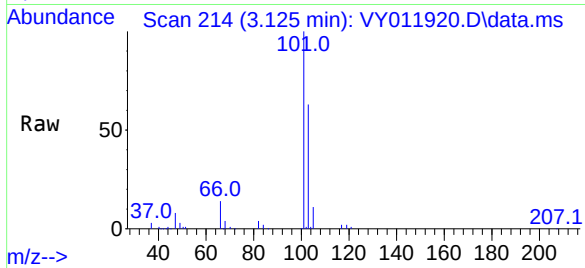




#7
Trichlorofluoromethane
Concen: 18.107 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

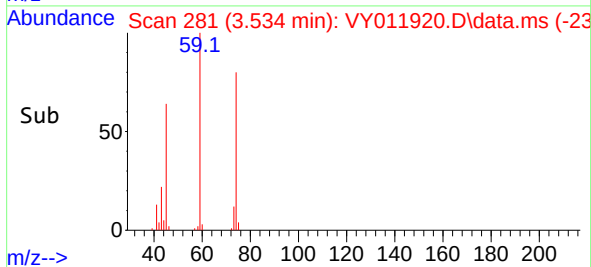
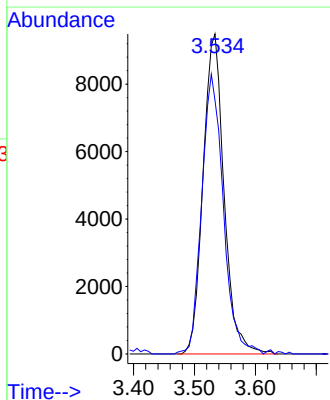
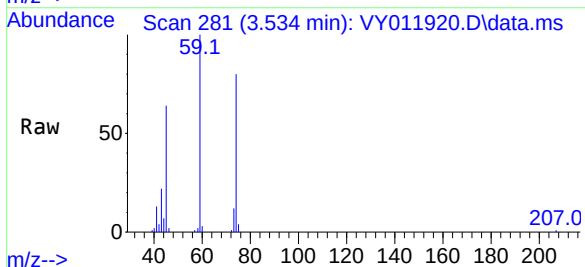
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

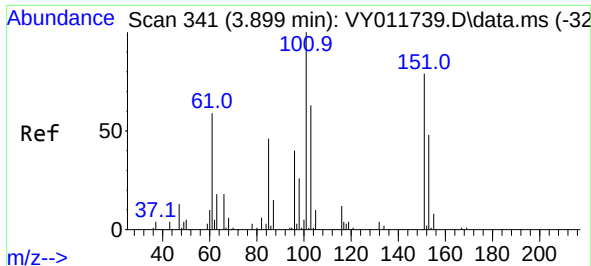
Tgt Ion:101 Resp: 70850
Ion Ratio Lower Upper
101 100
103 62.8 51.0 76.6



#8
Diethyl Ether
Concen: 18.781 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 74 Resp: 22675
Ion Ratio Lower Upper
74 100
45 89.8 46.8 140.3

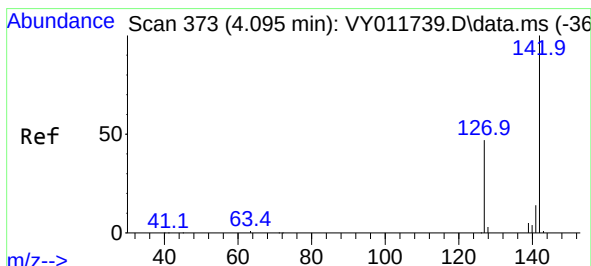
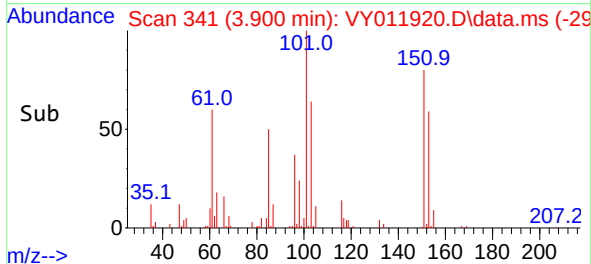
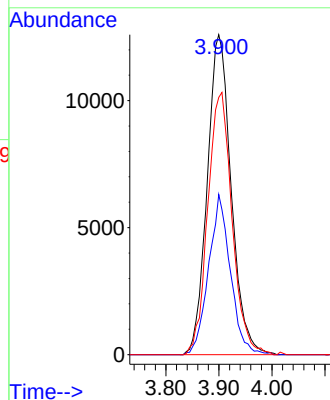
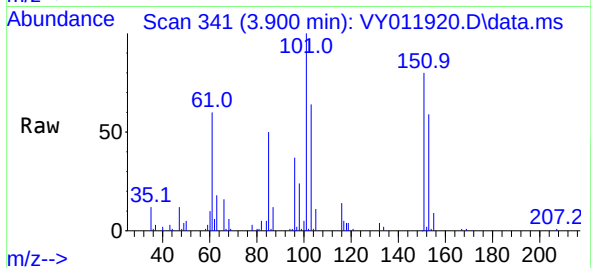




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.363 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

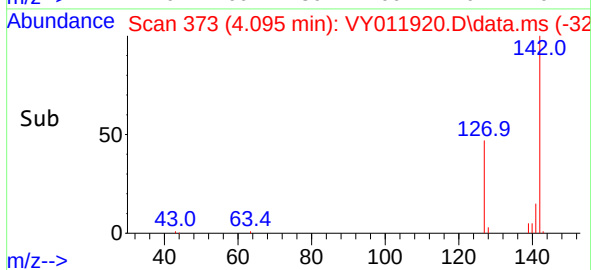
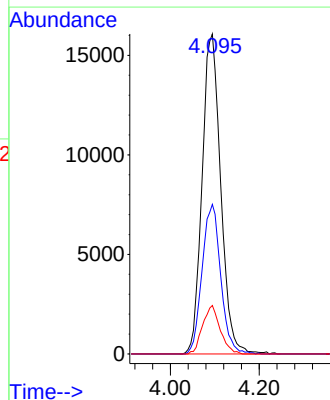
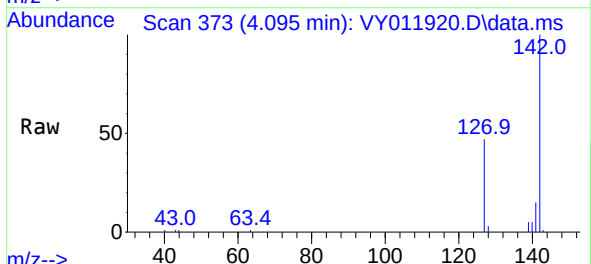
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

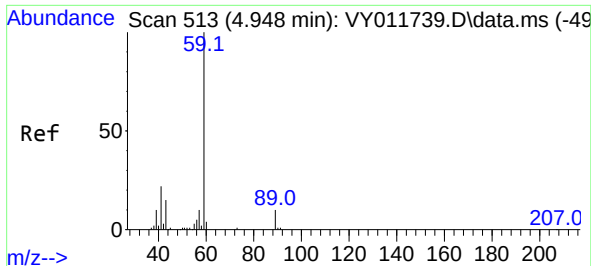
Tgt Ion:101 Resp: 39554
Ion Ratio Lower Upper
101 100
85 45.6 36.2 54.2
151 83.2 64.2 96.2



#10
Methyl Iodide
Concen: 15.759 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:142 Resp: 46967
Ion Ratio Lower Upper
142 100
127 46.7 37.0 55.4
141 14.3 11.4 17.0

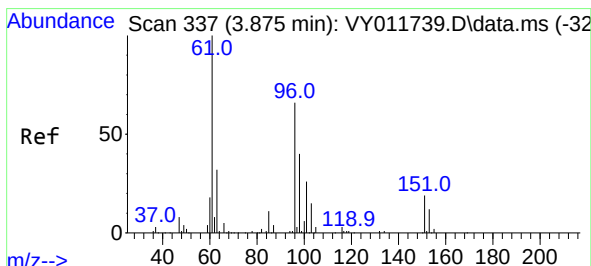
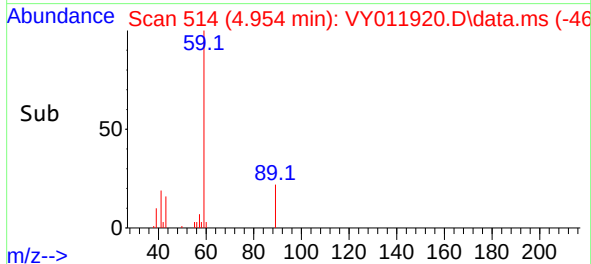
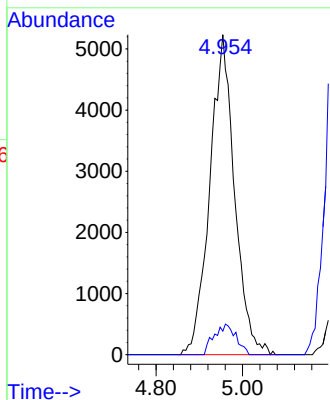
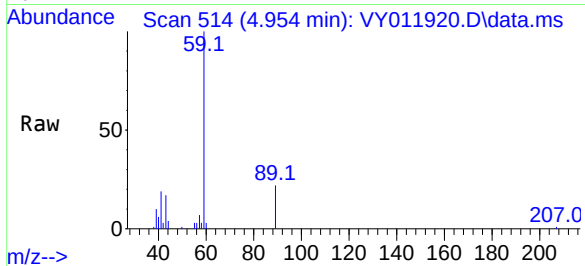




#11
Tert butyl alcohol
Concen: 66.767 ug/l
RT: 4.954 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

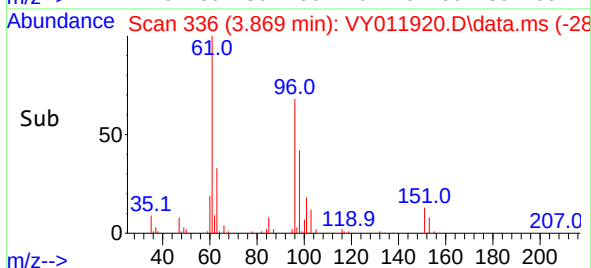
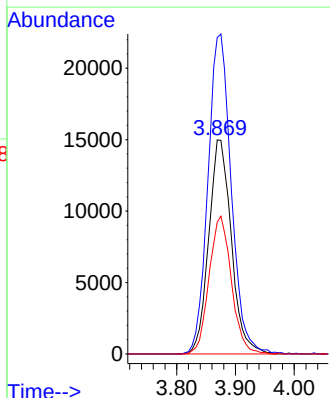
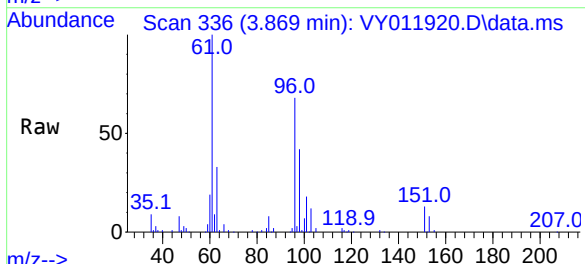
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

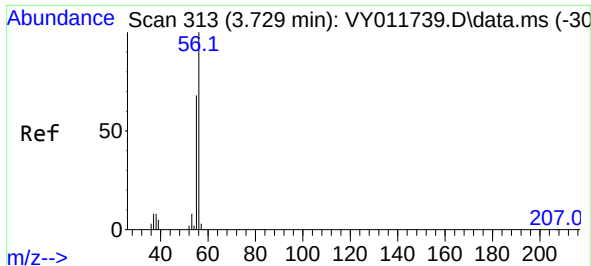
Tgt Ion: 59 Resp: 20862
Ion Ratio Lower Upper
59 100
57 8.4 7.4 11.2



#12
1,1-Dichloroethene
Concen: 18.623 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 96 Resp: 40126
Ion Ratio Lower Upper
96 100
61 147.9 122.0 183.0
98 61.6 48.6 73.0

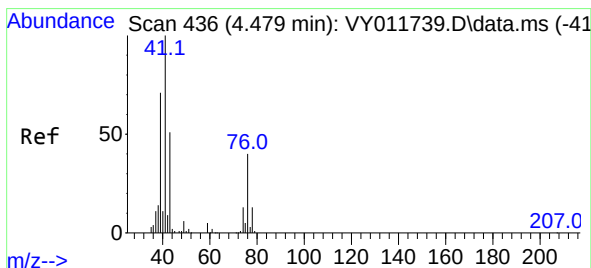
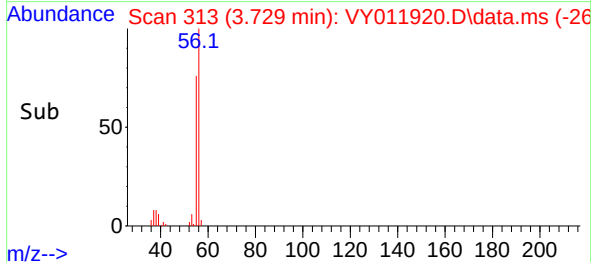
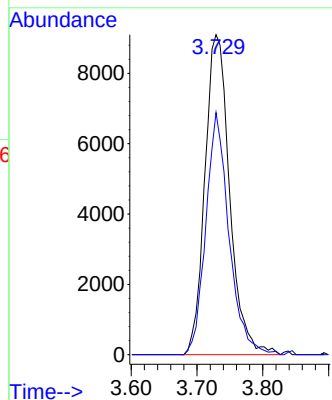
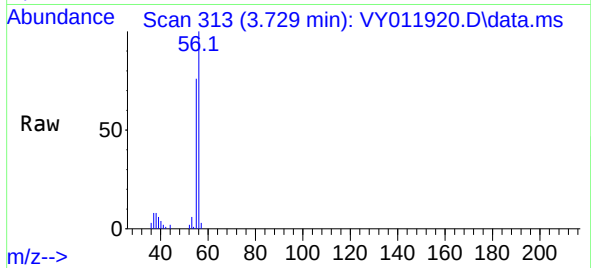




#13
Acrolein
Concen: 111.064 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

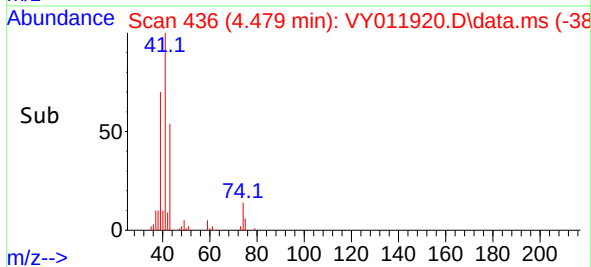
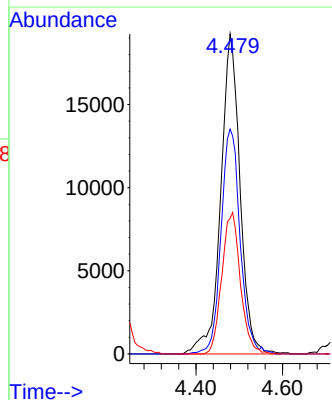
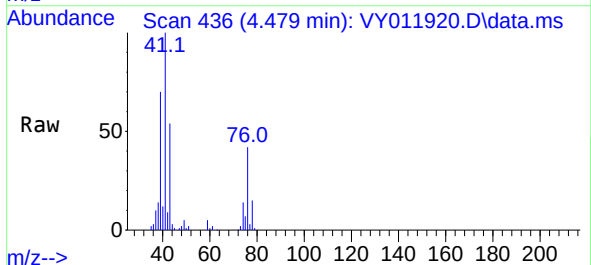
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

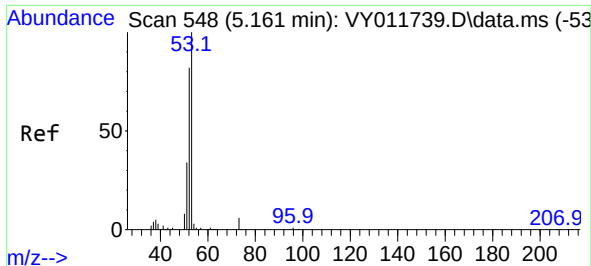
Tgt Ion: 56 Resp: 23821
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0



#14
Allyl chloride
Concen: 18.819 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 41 Resp: 59713
Ion Ratio Lower Upper
41 100
39 69.7 53.5 80.3
76 42.6 31.1 46.7

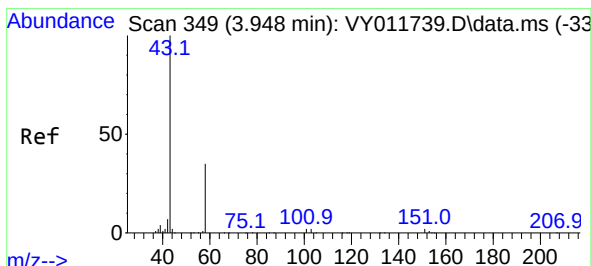
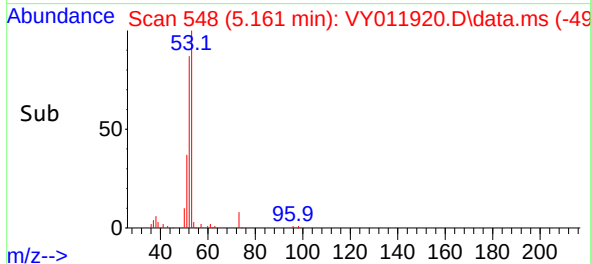
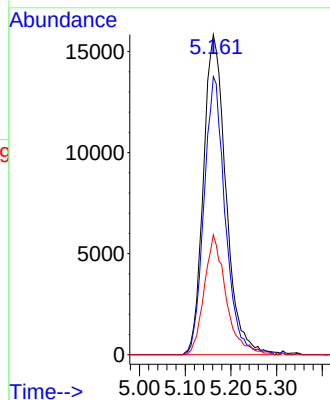
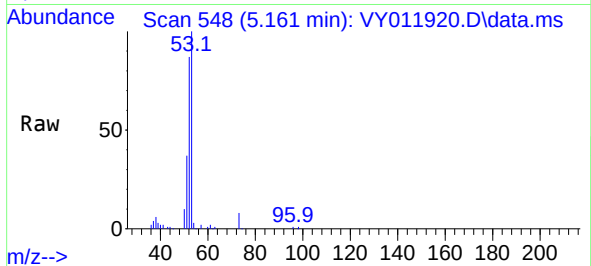




#15
Acrylonitrile
Concen: 96.561 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

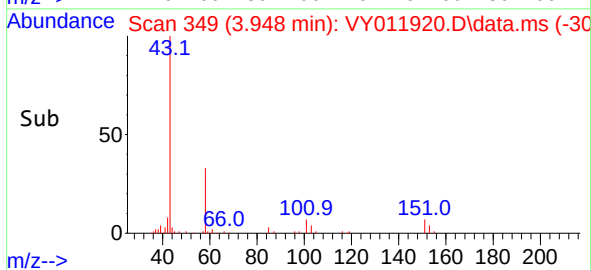
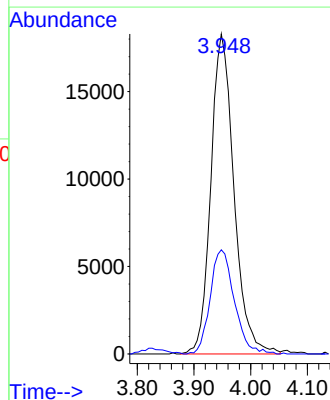
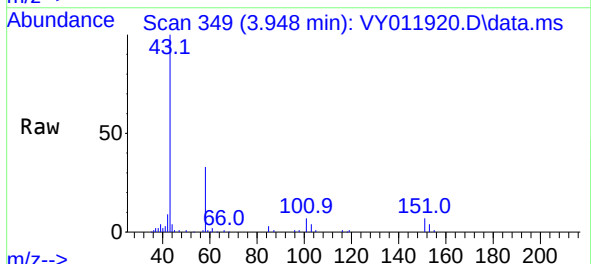
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

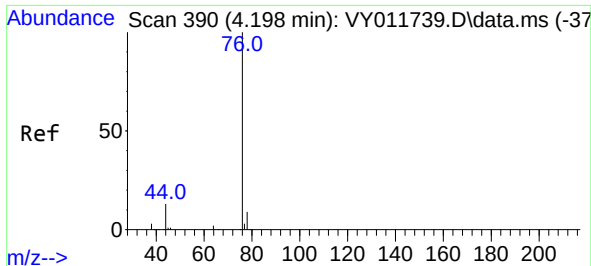
Tgt Ion:	53	Resp:	54231
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.1	97.7
51	36.3	28.7	43.1



#16
Acetone
Concen: 78.978 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:	43	Resp:	51771
Ion	Ratio	Lower	Upper
43	100		
58	32.5	27.9	41.9

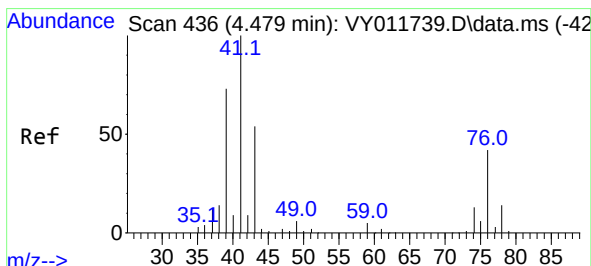
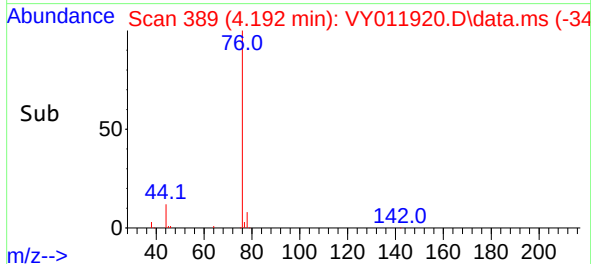
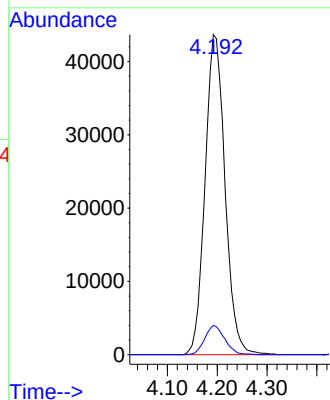
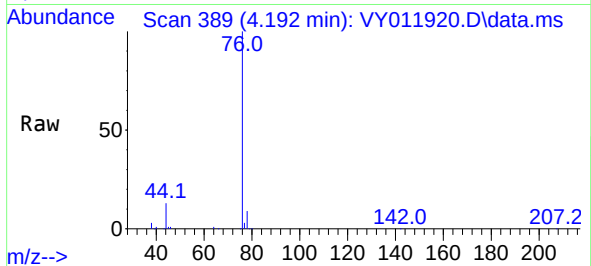




#17
Carbon Disulfide
Concen: 17.676 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

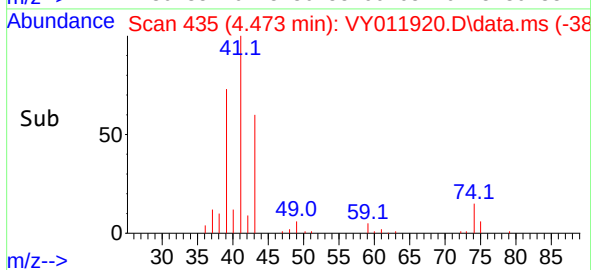
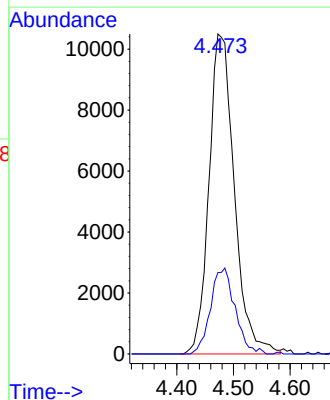
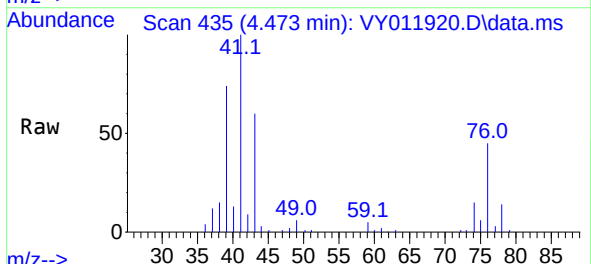
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

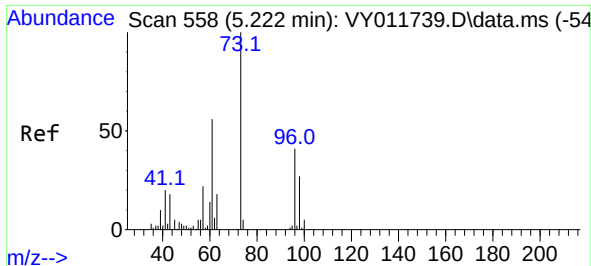
Tgt Ion: 76 Resp: 121487
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 20.509 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 43 Resp: 32516
Ion Ratio Lower Upper
43 100
74 26.0 20.1 30.1

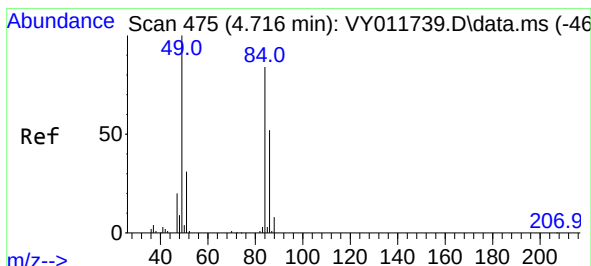
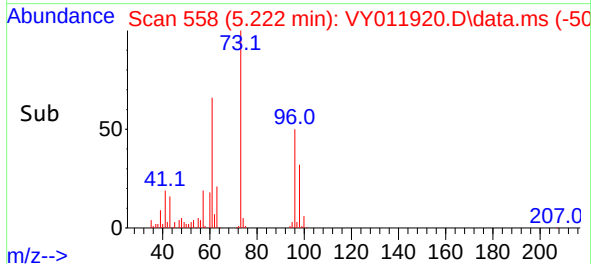
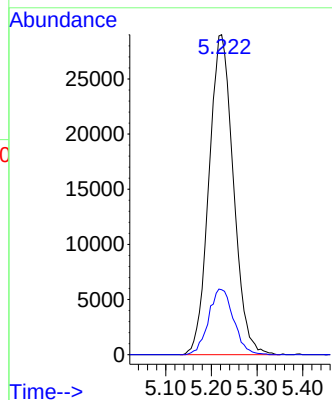
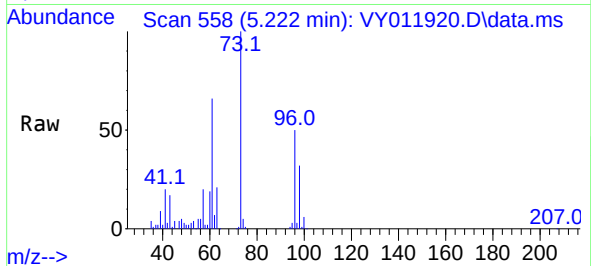




#19
Methyl tert-butyl Ether
Concen: 19.455 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

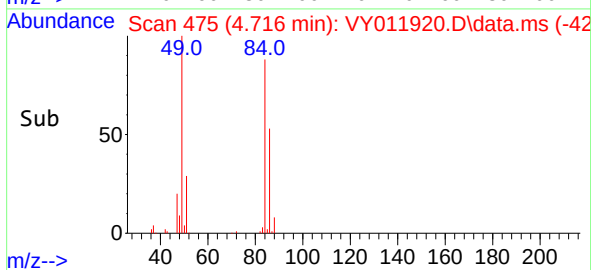
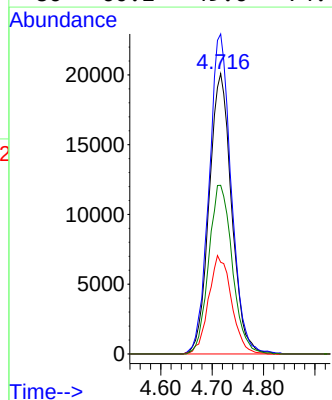
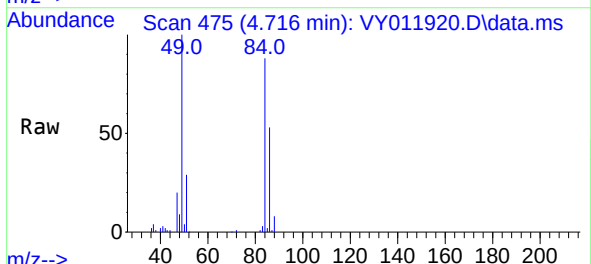
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

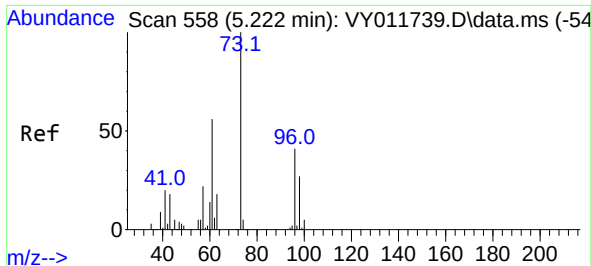
Tgt Ion: 73 Resp: 107558
Ion Ratio Lower Upper
73 100
57 20.3 17.4 26.0



#20
Methylene Chloride
Concen: 19.402 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 84 Resp: 60957
Ion Ratio Lower Upper
84 100
49 114.2 95.4 143.2
51 32.7 29.9 44.9
86 60.2 49.6 74.4

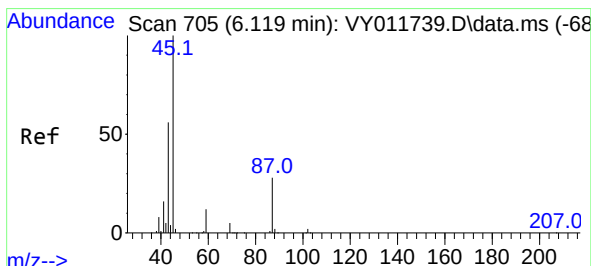
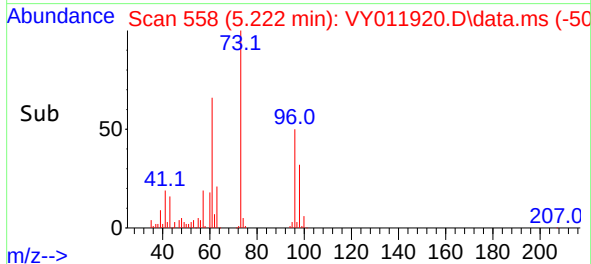
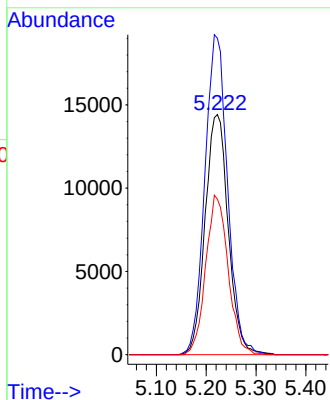
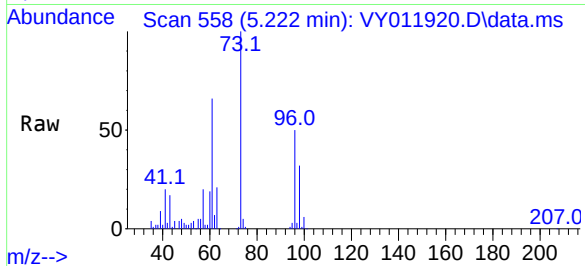




#21
trans-1,2-Dichloroethene
Concen: 19.010 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

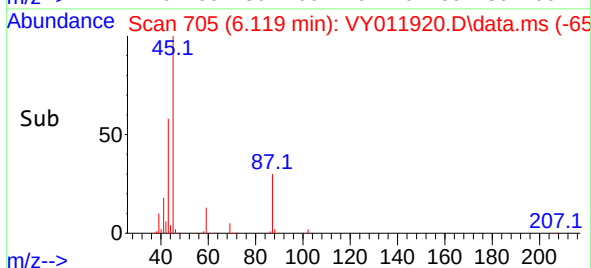
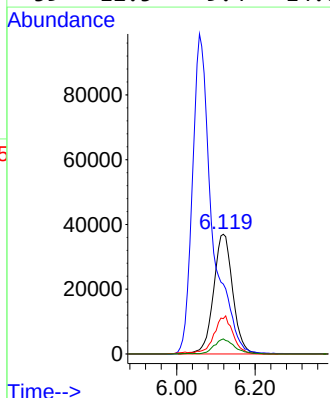
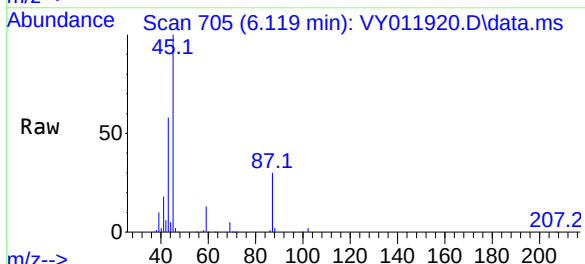
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

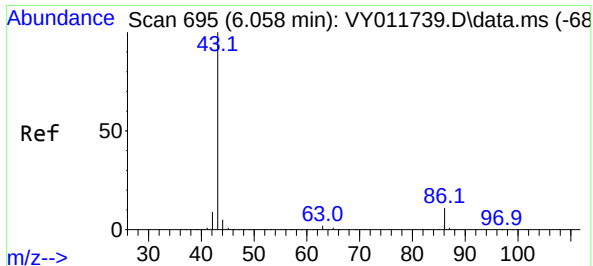
Tgt Ion: 96 Resp: 46540
Ion Ratio Lower Upper
96 100
61 131.8 108.0 162.0
98 64.8 51.6 77.4



#22
Diisopropyl ether
Concen: 20.137 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 45 Resp: 125842
Ion Ratio Lower Upper
45 100
43 57.9 45.0 67.4
87 29.6 22.6 33.8
59 12.5 9.4 14.0

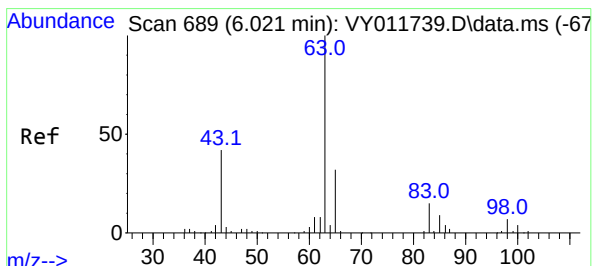
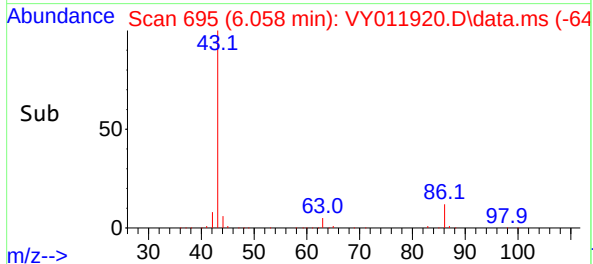
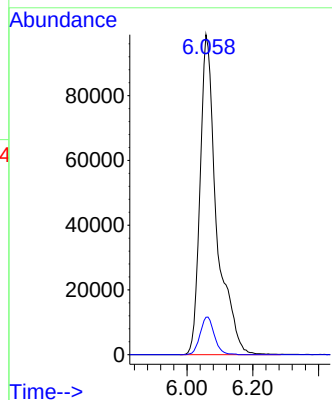
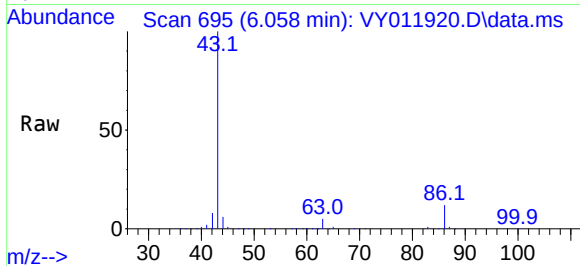




#23
 Vinyl Acetate
 Concen: 96.272 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY011920.D
 Acq: 20 Dec 2022 14:28

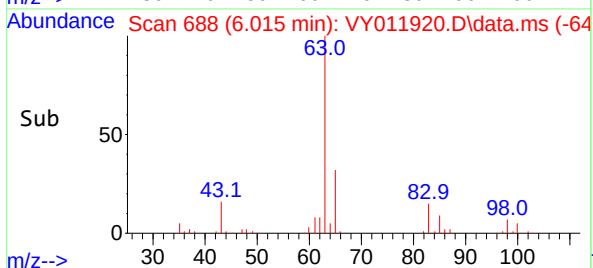
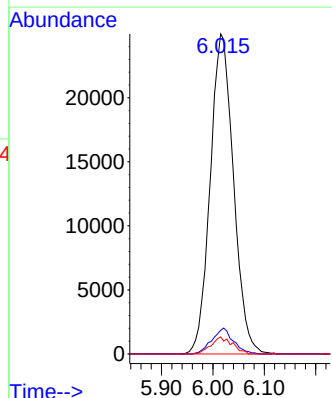
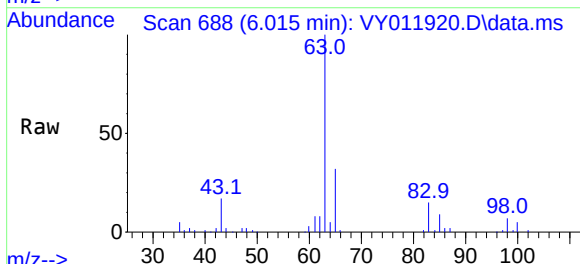
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

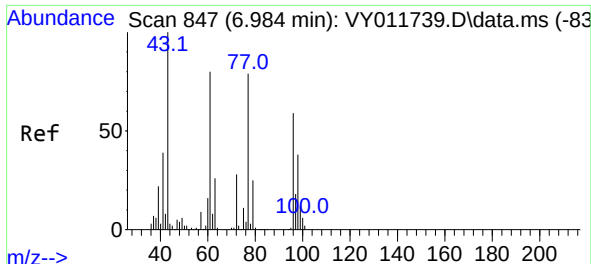
Tgt Ion: 43 Resp: 346139
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 19.370 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011920.D
 Acq: 20 Dec 2022 14:28

Tgt Ion: 63 Resp: 78682
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 5.3 2.2 6.6





#25

2-Butanone

Concen: 90.554 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011920.D

Acq: 20 Dec 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

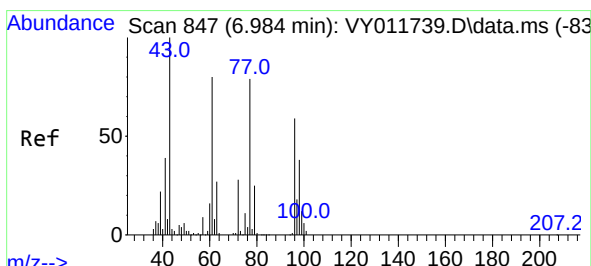
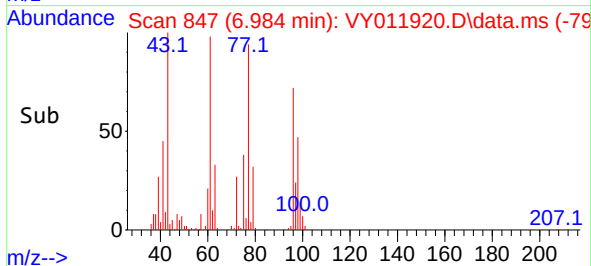
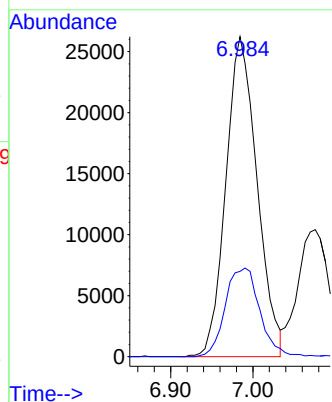
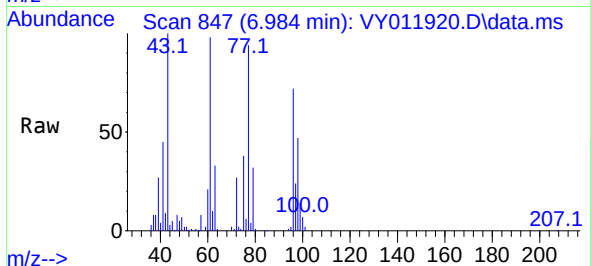
VY1220SBS01

Tgt Ion: 43 Resp: 69209

Ion Ratio Lower Upper

43 100

72 26.6 22.6 34.0



#26

2,2-Dichloropropane

Concen: 19.129 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY011920.D

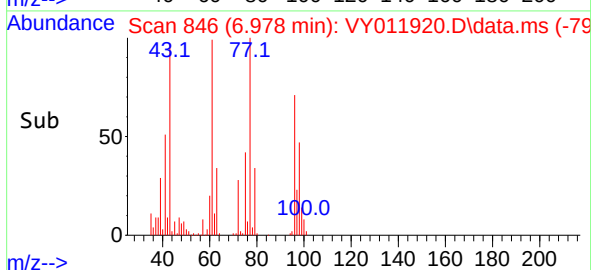
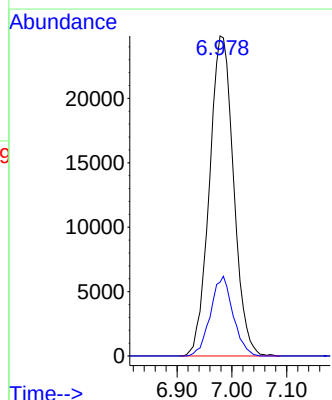
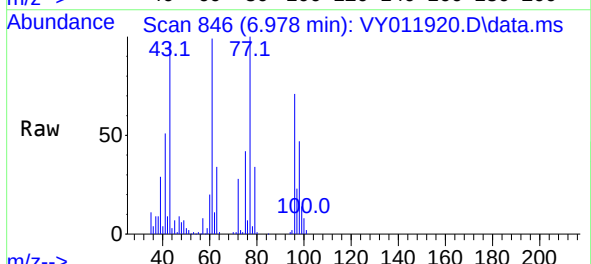
Acq: 20 Dec 2022 14:28

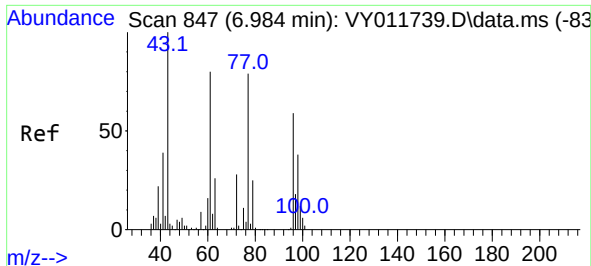
Tgt Ion: 77 Resp: 76034

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1

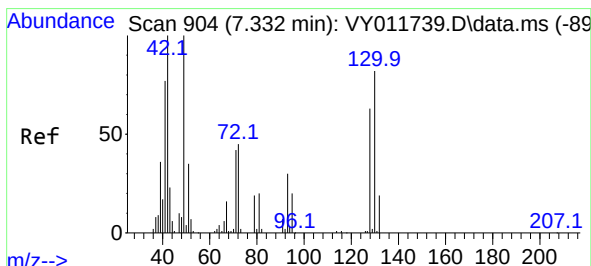
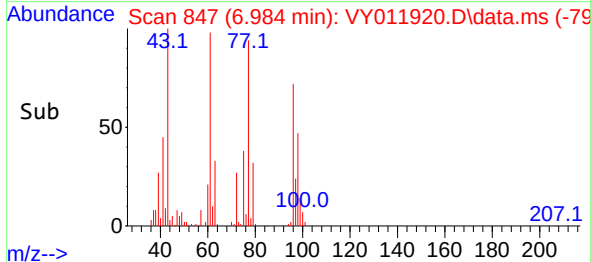
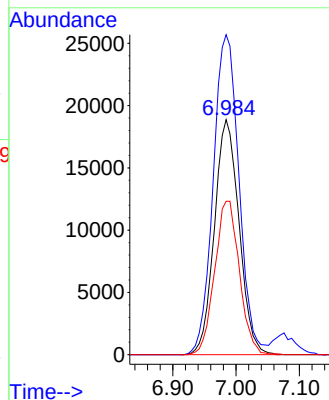
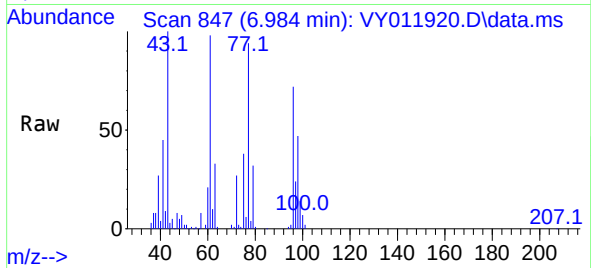




#27
 cis-1,2-Dichloroethene
 Concen: 19.300 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY011920.D
 Acq: 20 Dec 2022 14:28

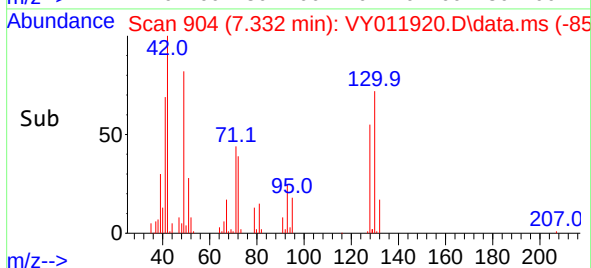
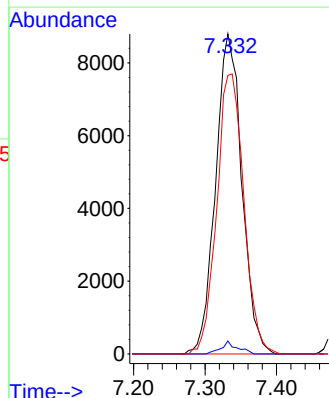
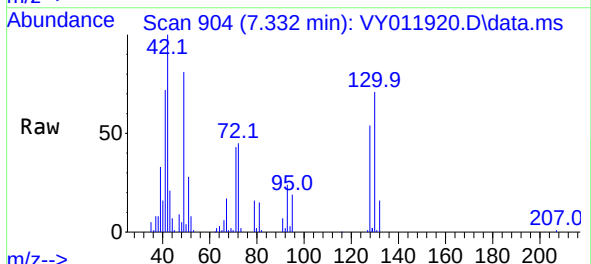
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

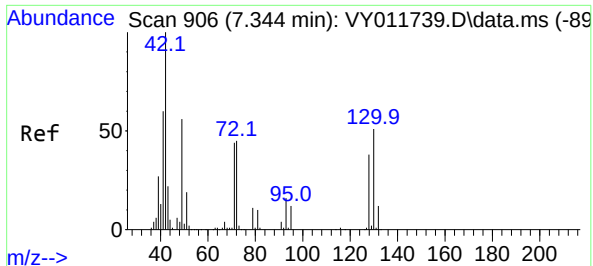
Tgt Ion:	96	Resp:	51106
Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	283.4
98	65.4	0.0	127.6



#28
 Bromochloromethane
 Concen: 20.126 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY011920.D
 Acq: 20 Dec 2022 14:28

Tgt Ion:	49	Resp:	22435
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	90.1	66.7	100.1

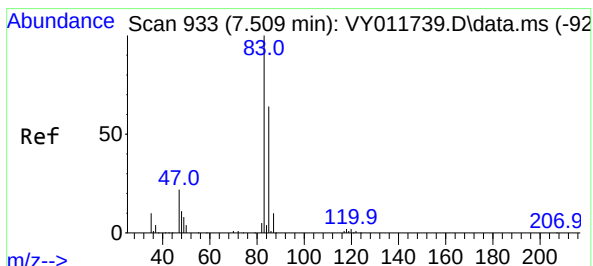
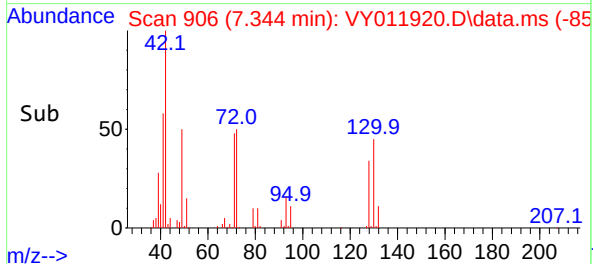
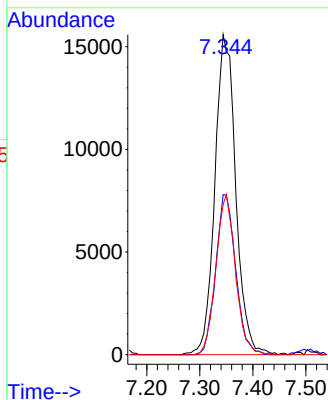
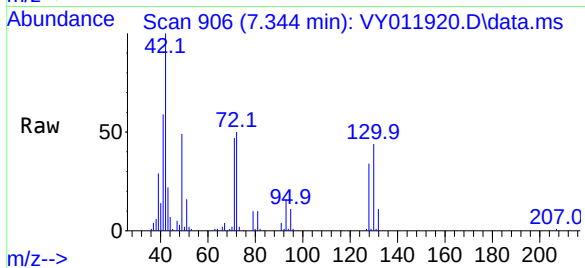




#29
Tetrahydrofuran
Concen: 98.551 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

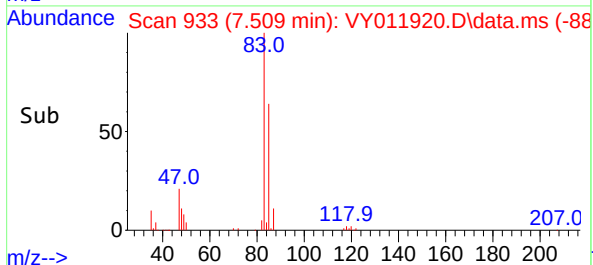
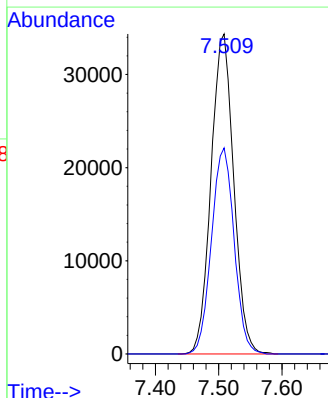
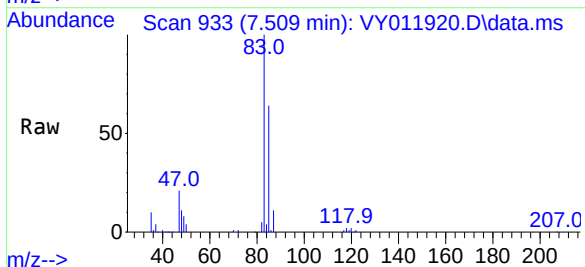
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

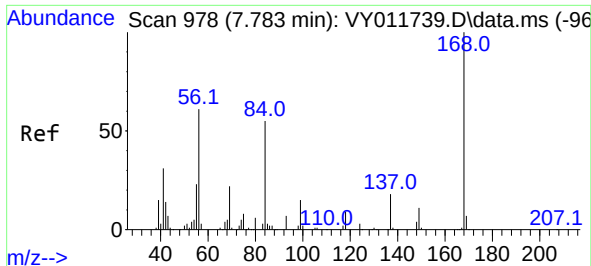
Tgt Ion: 42 Resp: 42675
Ion Ratio Lower Upper
42 100
72 47.8 37.0 55.6
71 46.7 34.9 52.3



#30
Chloroform
Concen: 19.520 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 83 Resp: 85463
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3

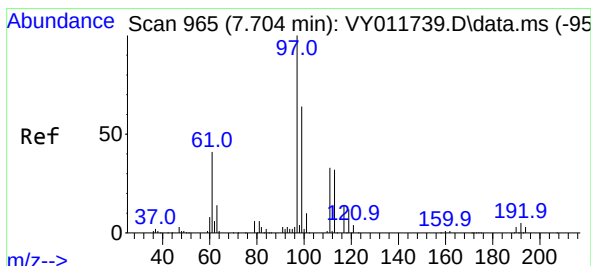
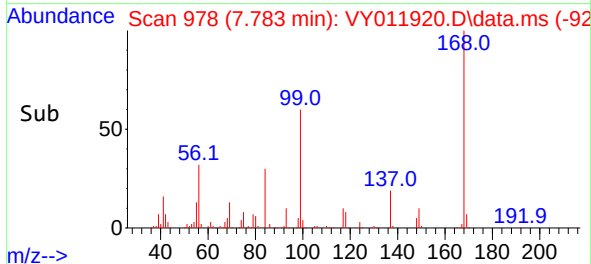
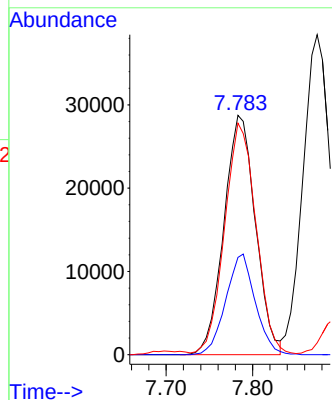
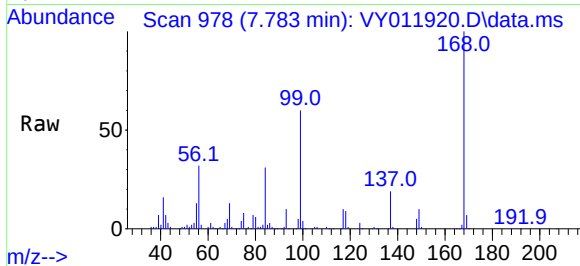




#31
Cyclohexane
Concen: 18.866 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

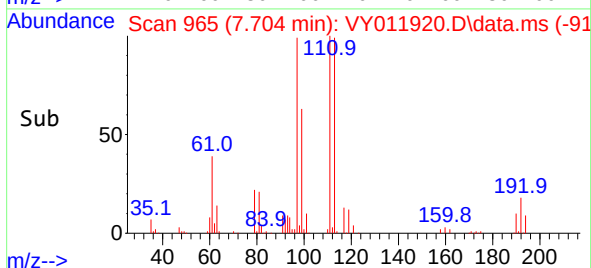
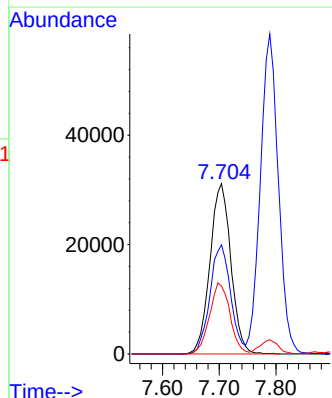
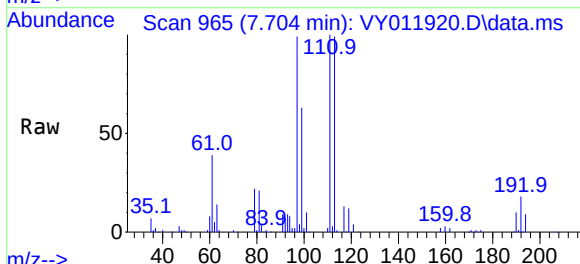
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

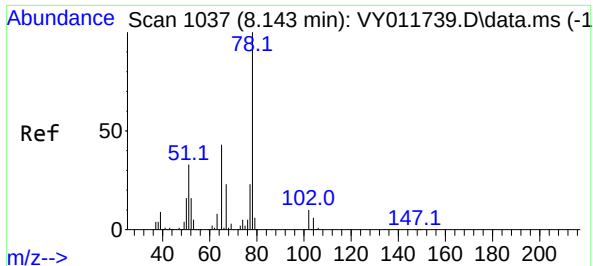
Tgt Ion: 56 Resp: 72871
Ion Ratio Lower Upper
56 100
69 40.7 29.2 43.8
84 95.3 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 19.157 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 97 Resp: 79778
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 40.8 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 50.592 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011920.D

Acq: 20 Dec 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

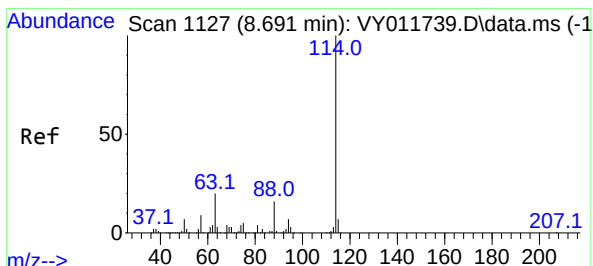
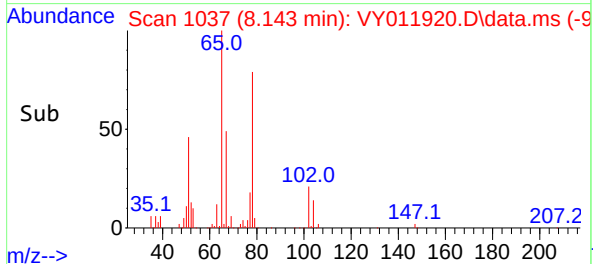
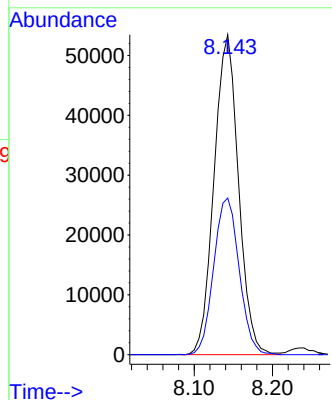
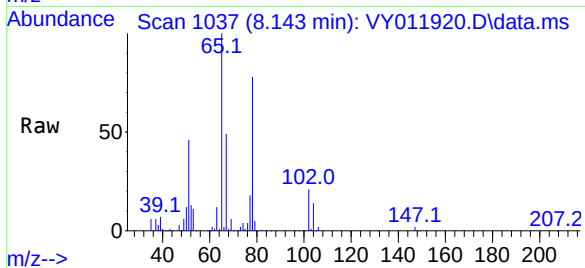
VY1220SBS01

Tgt Ion: 65 Resp: 116079

Ion Ratio Lower Upper

65 100

67 51.0 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: VY011920.D

Acq: 20 Dec 2022 14:28

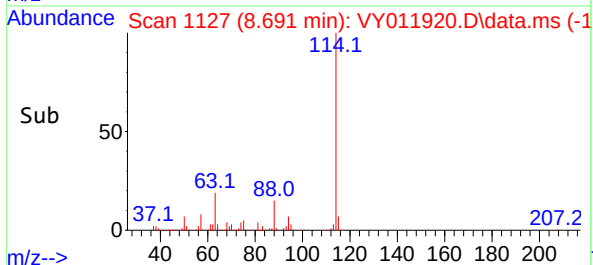
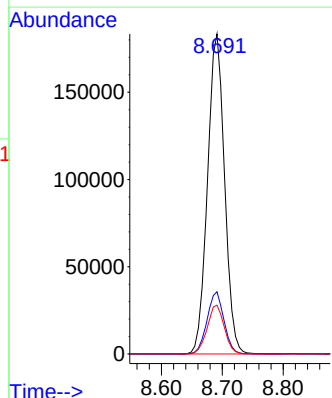
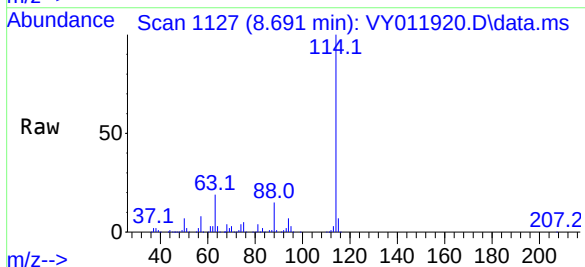
Tgt Ion: 114 Resp: 356571

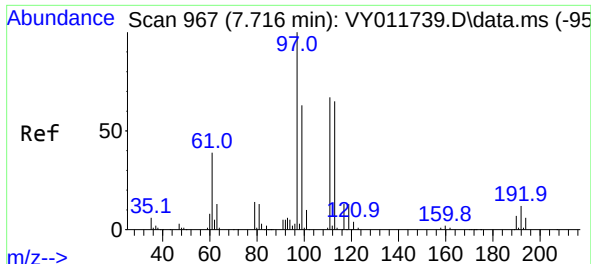
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.3 0.0 32.2

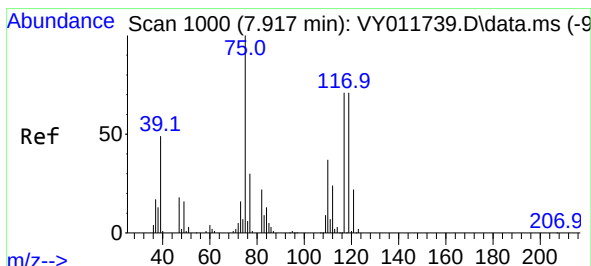
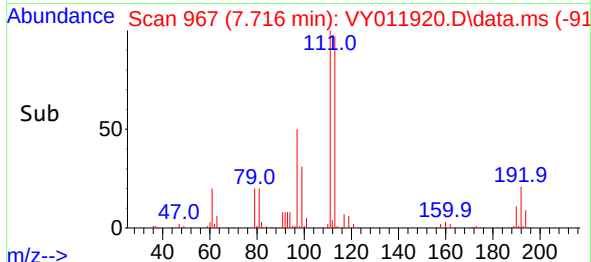
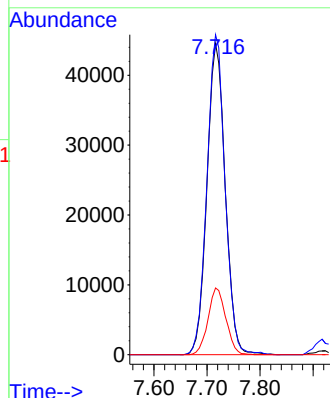
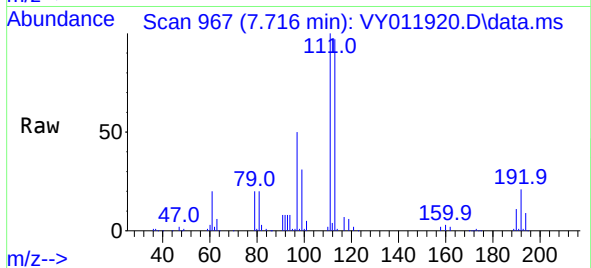




#35
Dibromofluoromethane
Concen: 49.655 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

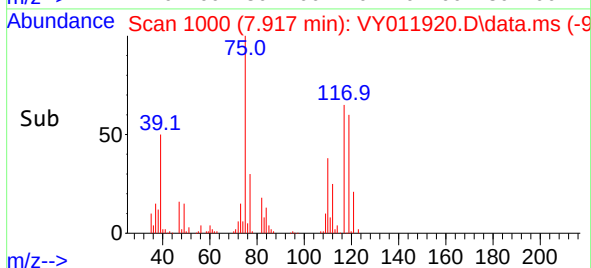
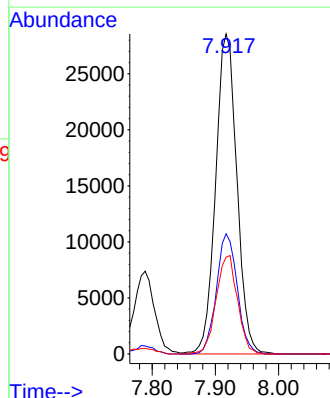
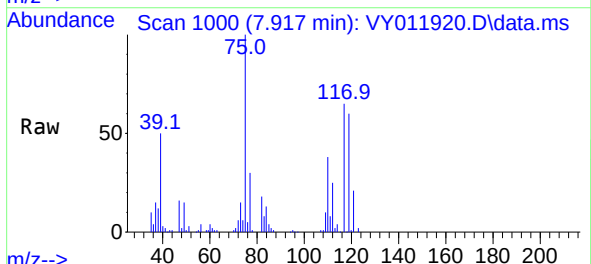
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

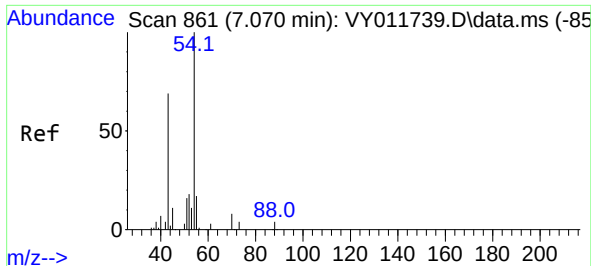
Tgt Ion:113 Resp: 106593
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 20.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 19.322 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 75 Resp: 66533
Ion Ratio Lower Upper
75 100
110 36.8 18.1 54.1
77 30.8 25.1 37.7

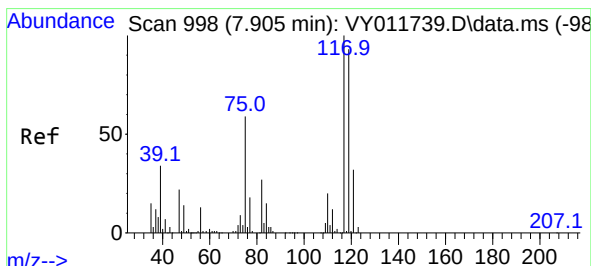
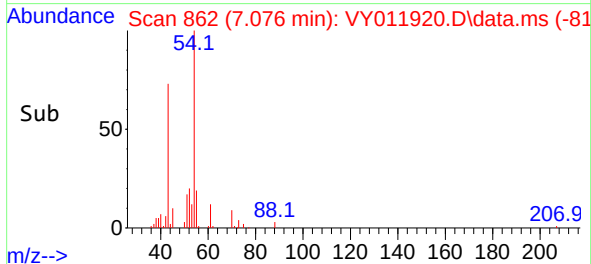
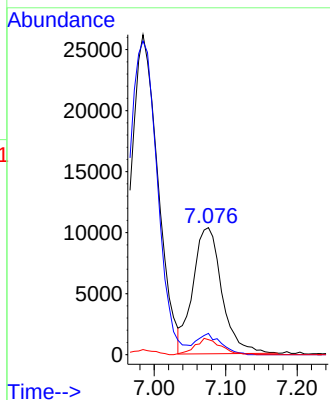
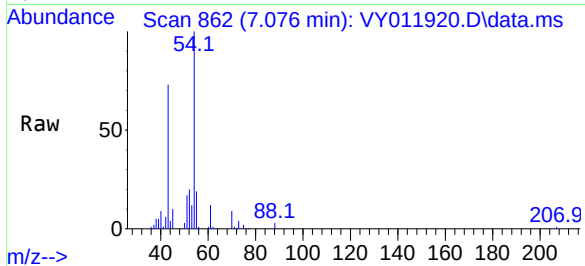




#37
Ethyl Acetate
Concen: 18.841 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

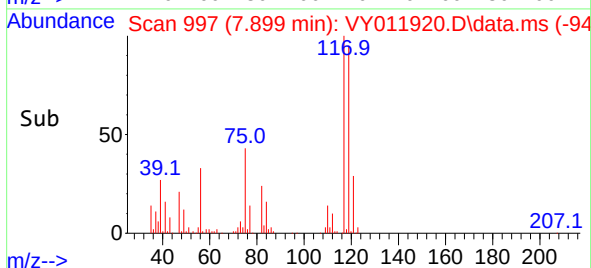
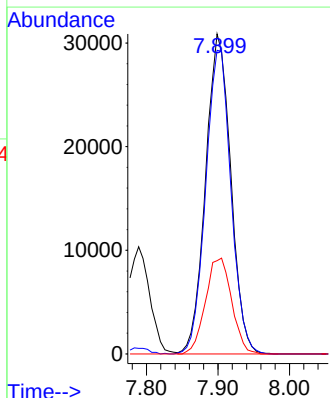
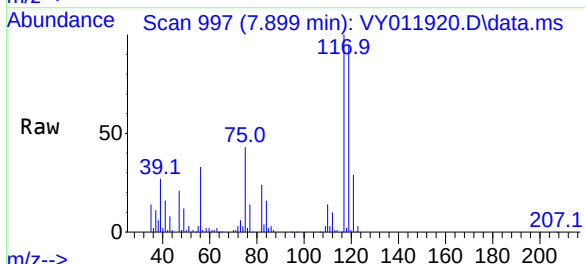
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

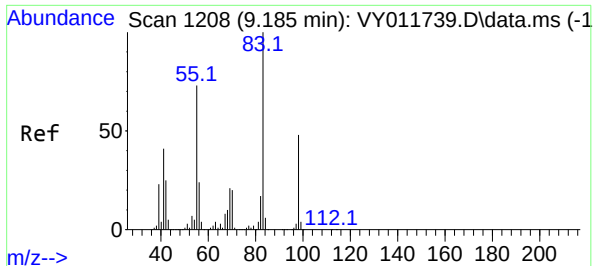
Tgt Ion:	43	Resp:	29106
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	11.5	8.2	12.4



#38
Carbon Tetrachloride
Concen: 18.987 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:	117	Resp:	75507
Ion	Ratio	Lower	Upper
117	100		
119	94.9	73.8	110.8
121	29.2	25.2	37.8





#39

Methylcyclohexane

Concen: 18.540 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011920.D

Acq: 20 Dec 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

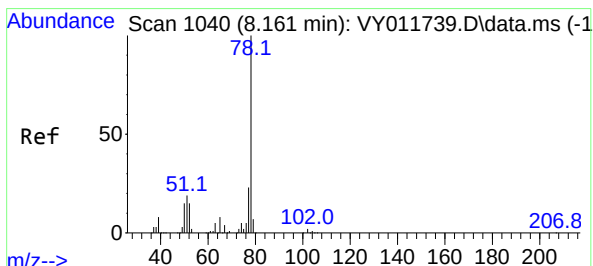
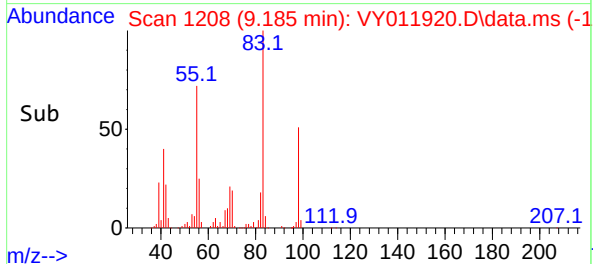
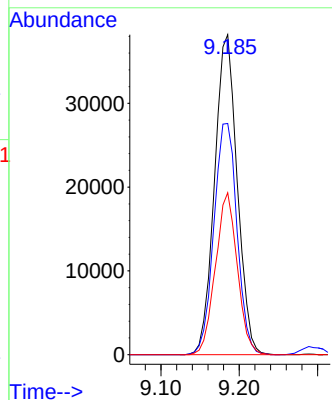
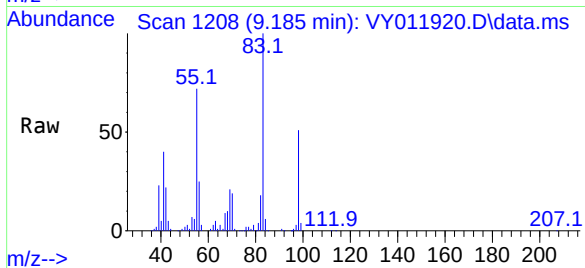
Tgt Ion: 83 Resp: 76814

Ion Ratio Lower Upper

83 100

55 72.2 58.2 87.2

98 50.6 38.6 58.0



#40

Benzene

Concen: 19.191 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY011920.D

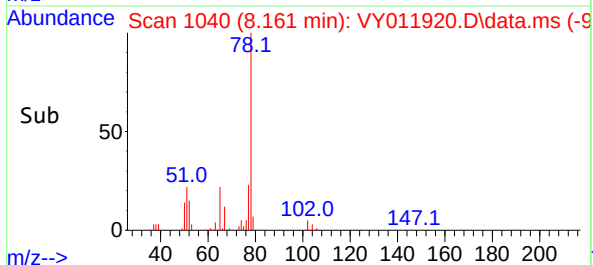
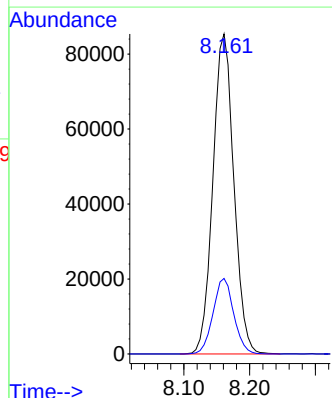
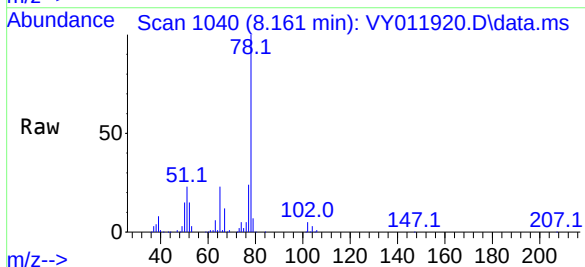
Acq: 20 Dec 2022 14:28

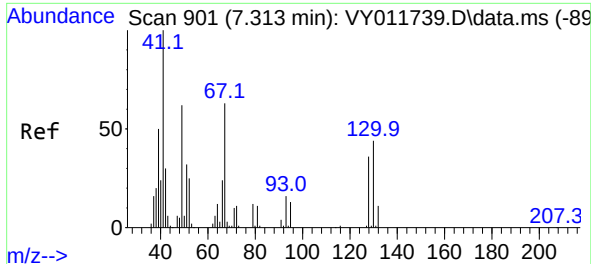
Tgt Ion: 78 Resp: 189110

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8

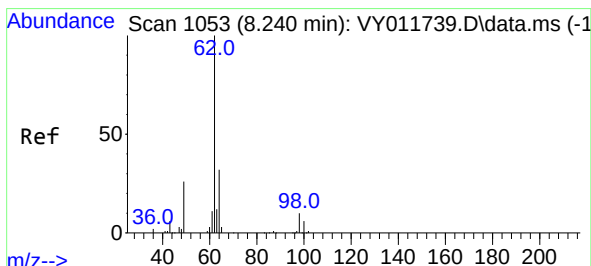
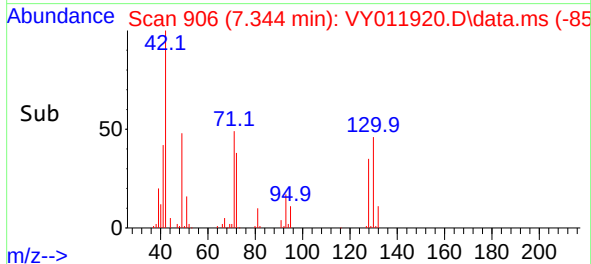
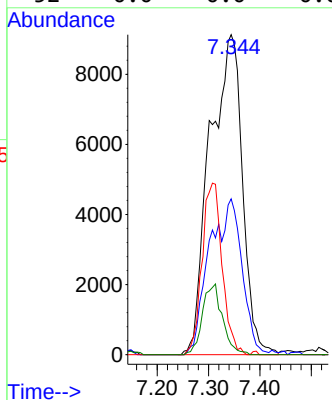
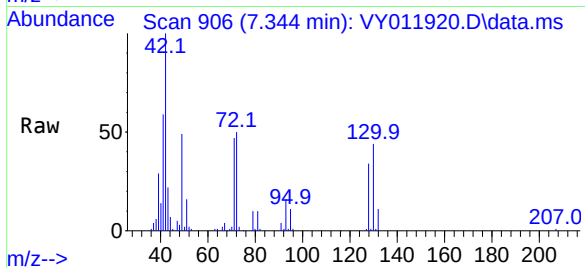




#41
Methacrylonitrile
Concen: 53.663 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

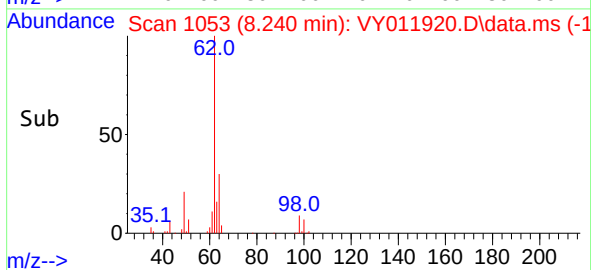
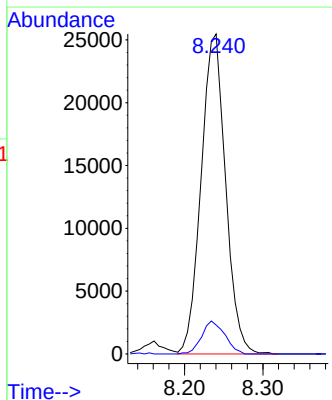
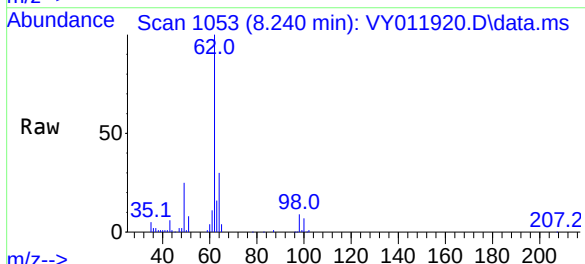
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

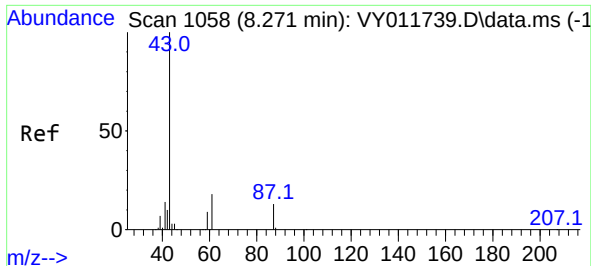
Tgt Ion:	41	Resp:	40088
Ion	Ratio	Lower	Upper
41	100		
39	48.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.495 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:	62	Resp:	55302
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6

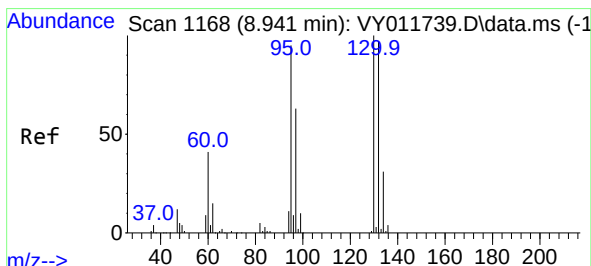
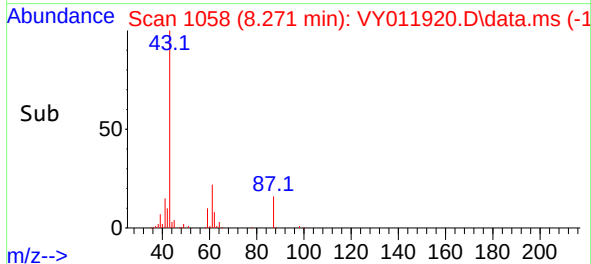
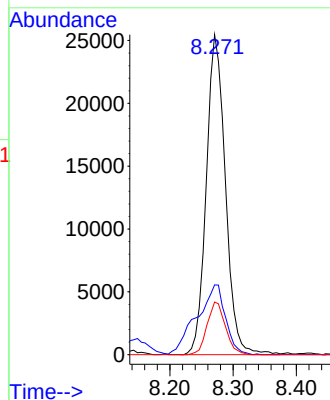
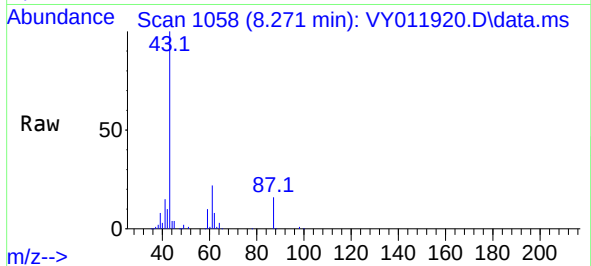




#43
Isopropyl Acetate
Concen: 18.993 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

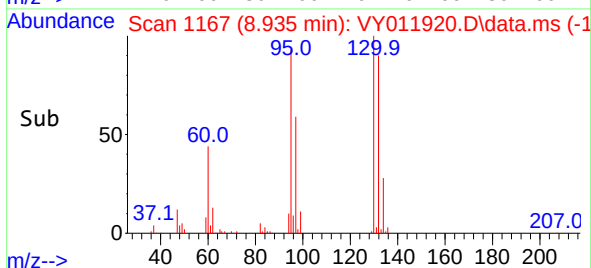
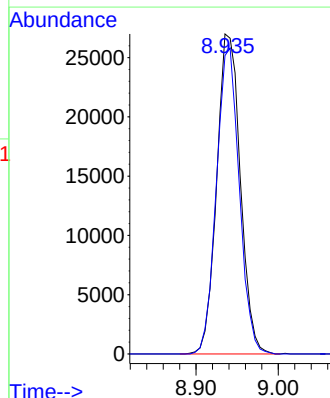
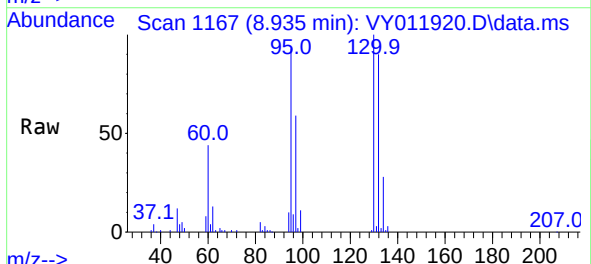
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

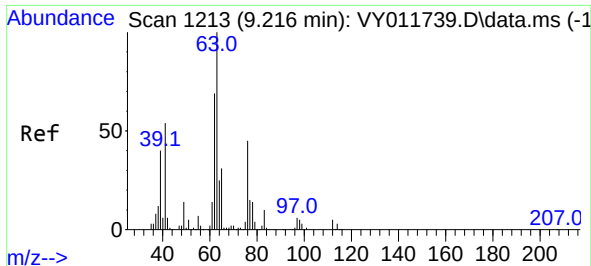
Tgt Ion: 43 Resp: 53587
Ion Ratio Lower Upper
43 100
61 32.8 24.4 36.6
87 15.7 11.4 17.2



#44
Trichloroethene
Concen: 19.368 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:130 Resp: 53794
Ion Ratio Lower Upper
130 100
95 93.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 19.109 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY011920.D

Acq: 20 Dec 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

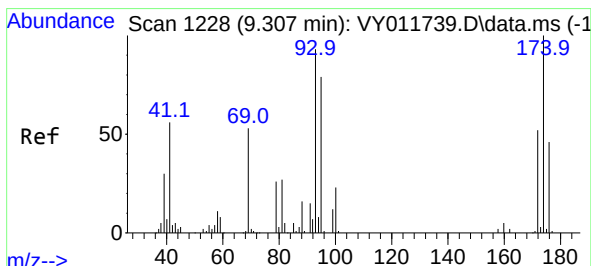
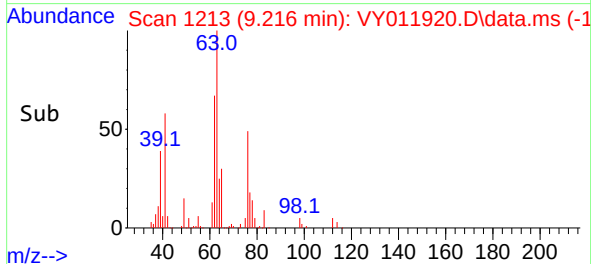
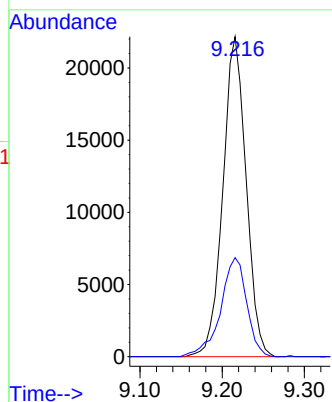
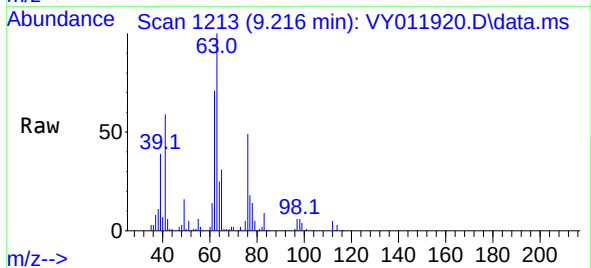
VY1220SBS01

Tgt Ion: 63 Resp: 43507

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 19.278 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011920.D

Acq: 20 Dec 2022 14:28

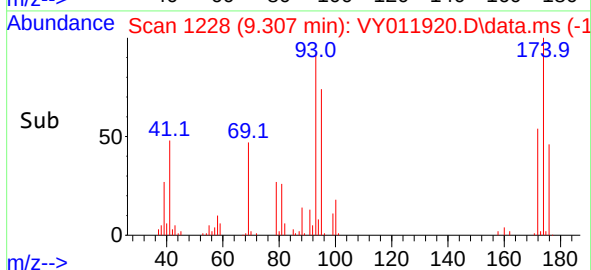
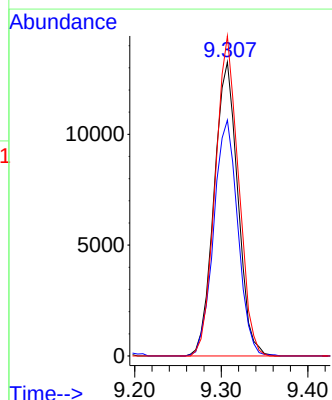
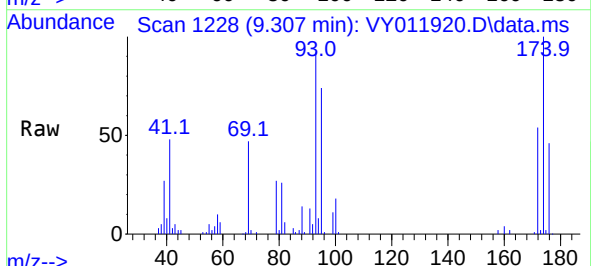
Tgt Ion: 93 Resp: 25283

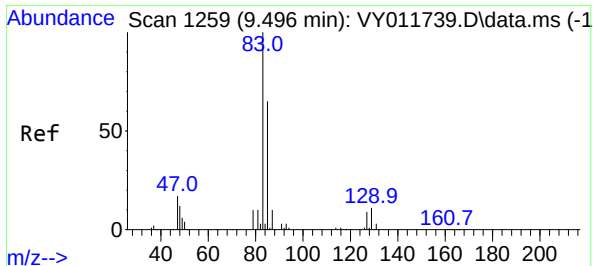
Ion Ratio Lower Upper

93 100

95 81.2 66.1 99.1

174 106.3 84.7 127.1

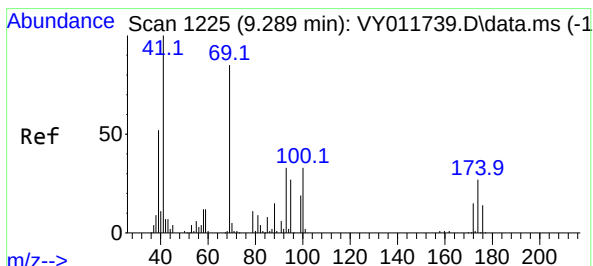
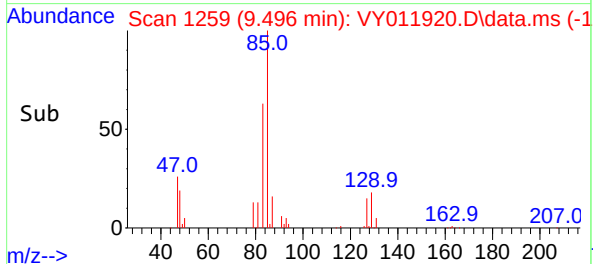
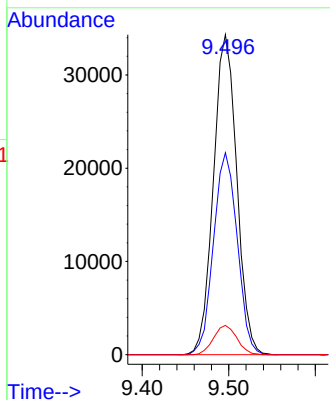
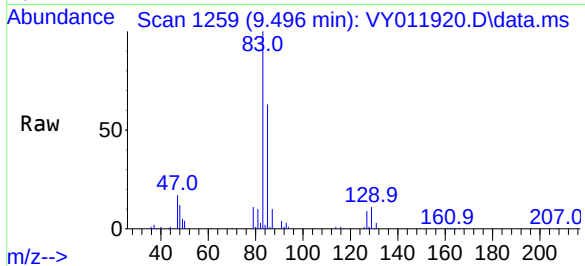




#47
Bromodichloromethane
Concen: 19.326 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

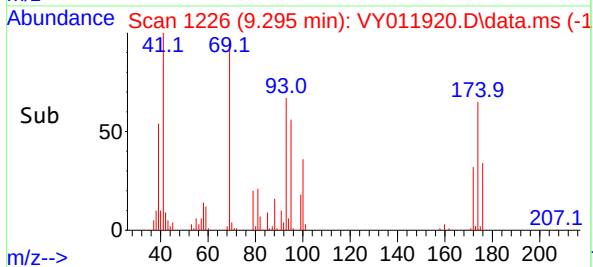
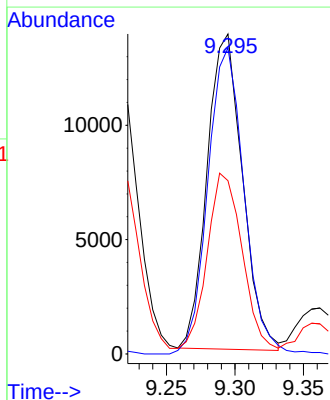
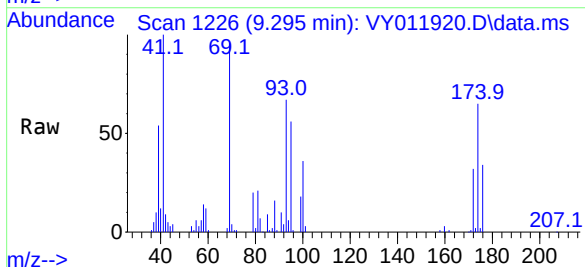
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

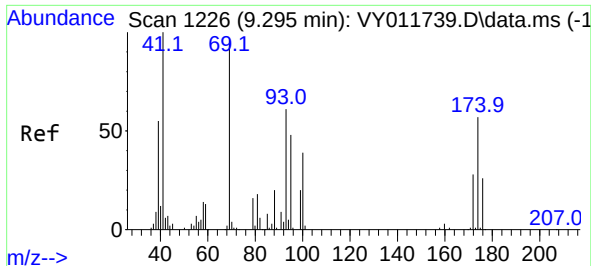
Tgt Ion: 83 Resp: 64301
Ion Ratio Lower Upper
83 100
85 63.1 52.0 78.0
127 9.2 7.3 10.9



#48
Methyl methacrylate
Concen: 18.921 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 41 Resp: 24717
Ion Ratio Lower Upper
41 100
69 99.4 74.2 111.2
39 54.9 46.3 69.5

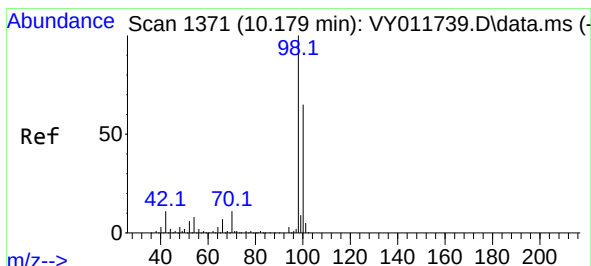
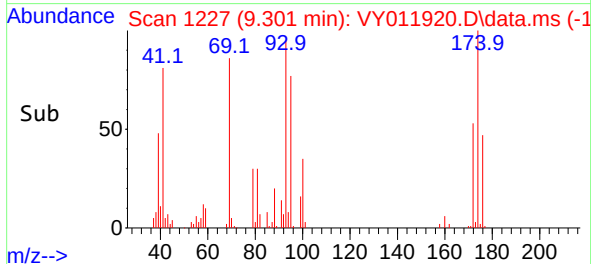
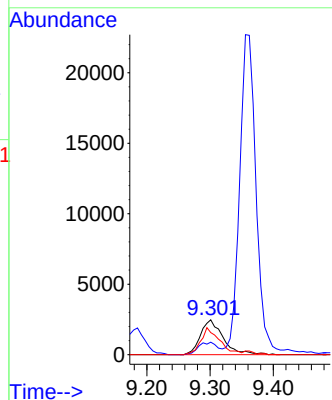
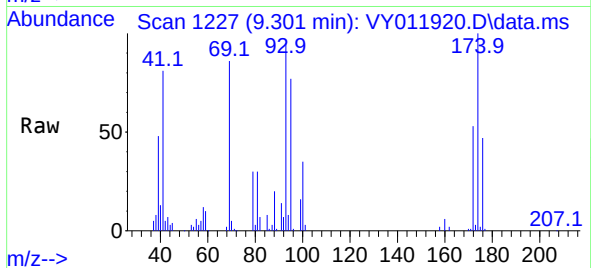




#49
1,4-Dioxane
Concen: 394.685 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

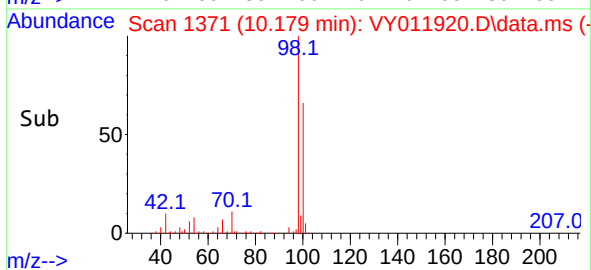
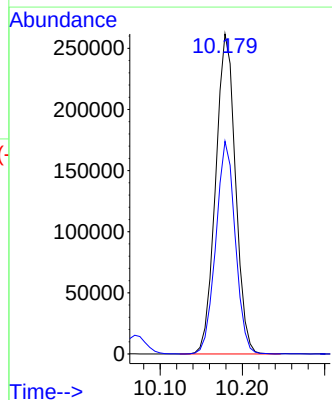
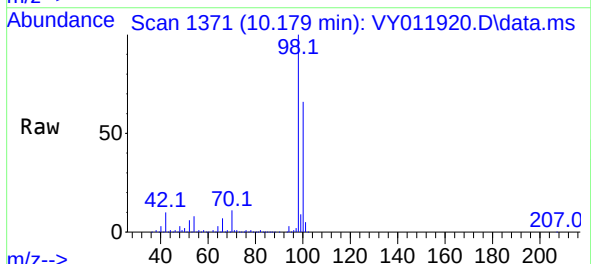
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

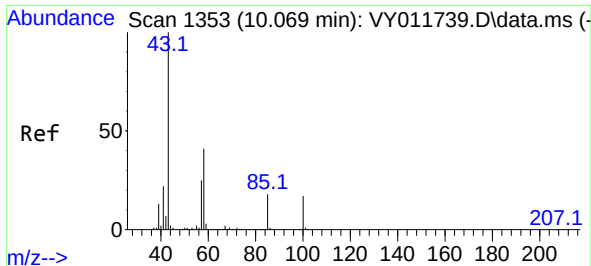
Tgt Ion: 88 Resp: 6180
Ion Ratio Lower Upper
88 100
43 30.9 26.2 39.2
58 64.4 54.3 81.5



#50
Toluene-d8
Concen: 50.336 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 98 Resp: 438404
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

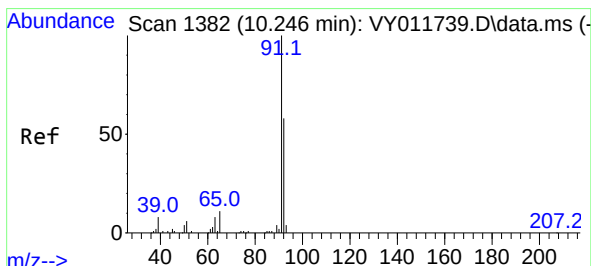
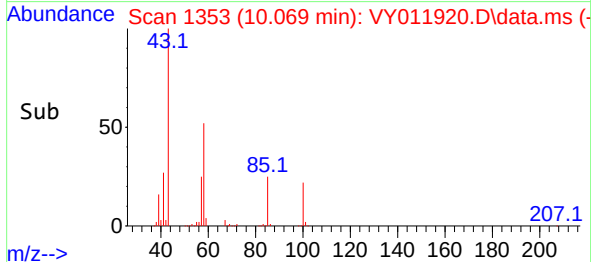
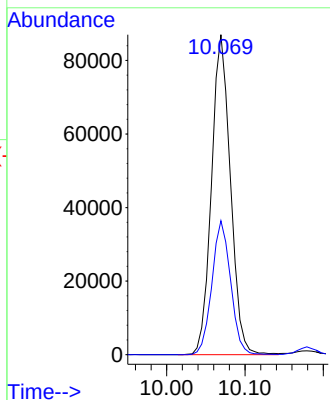
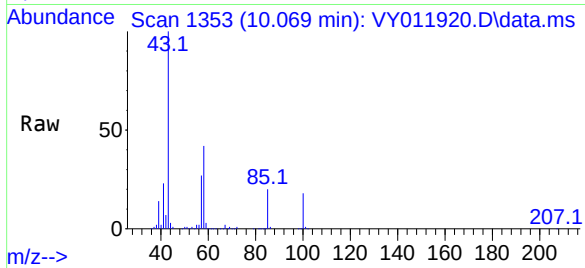




#51
4-Methyl-2-Pentanone
Concen: 97.195 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

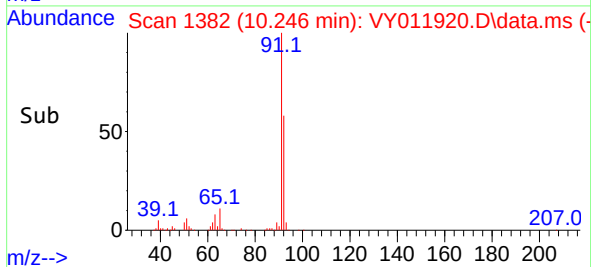
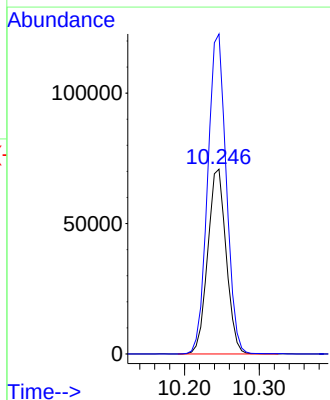
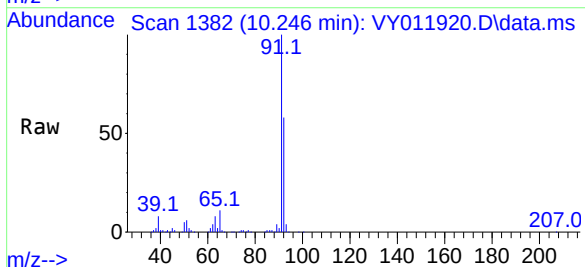
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

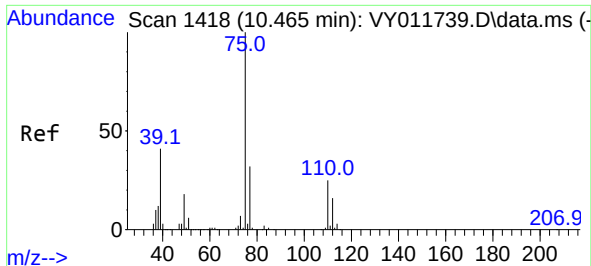
Tgt Ion: 43 Resp: 146225
Ion Ratio Lower Upper
43 100
58 41.4 32.9 49.3



#52
Toluene
Concen: 19.336 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 92 Resp: 121397
Ion Ratio Lower Upper
92 100
91 174.7 137.4 206.0

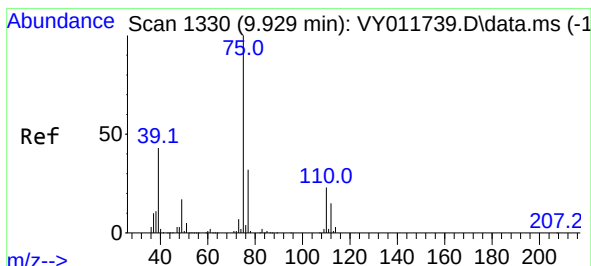
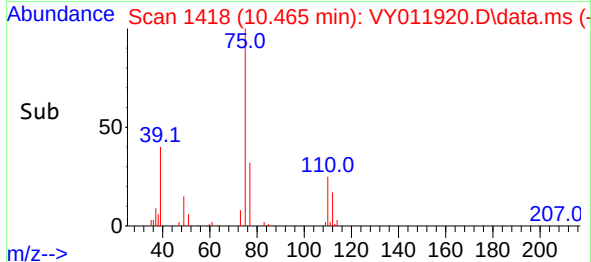
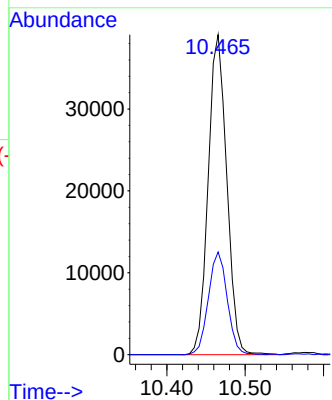
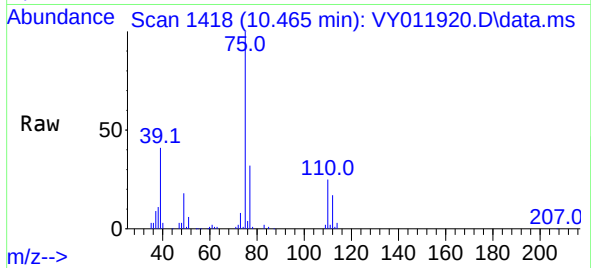




#53
t-1,3-Dichloropropene
Concen: 19.137 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

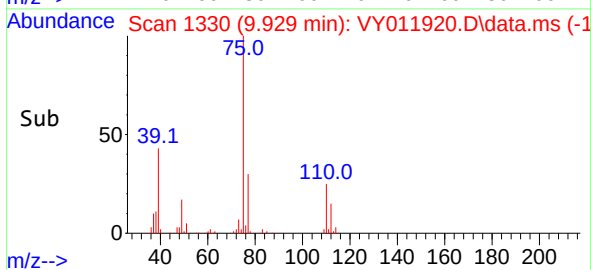
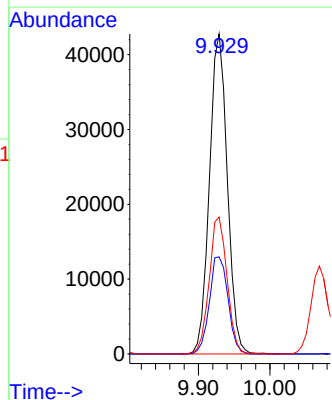
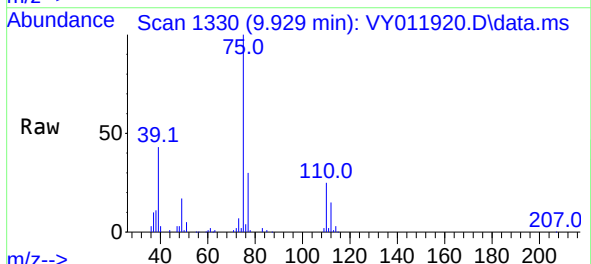
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

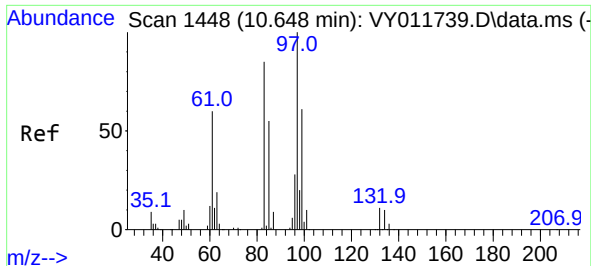
Tgt Ion: 75 Resp: 64339
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 19.628 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 75 Resp: 74173
Ion Ratio Lower Upper
75 100
77 30.3 25.9 38.9
39 42.8 34.6 52.0



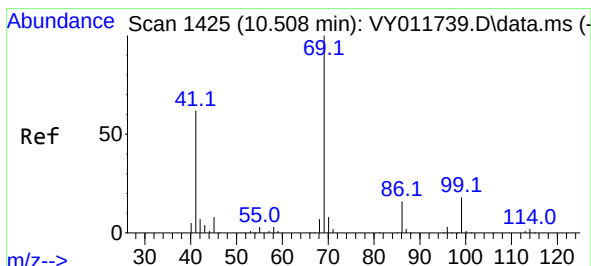
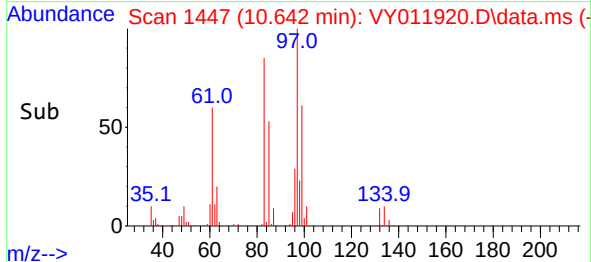
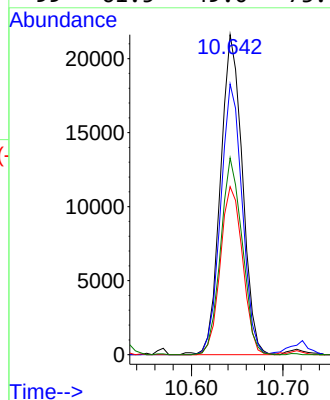
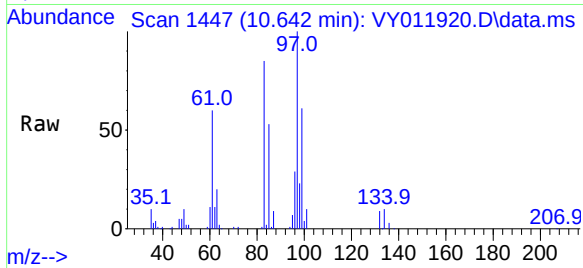


#55
1,1,2-Trichloroethane
Concen: 19.368 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

Tgt Ion: 97 Resp: 36044

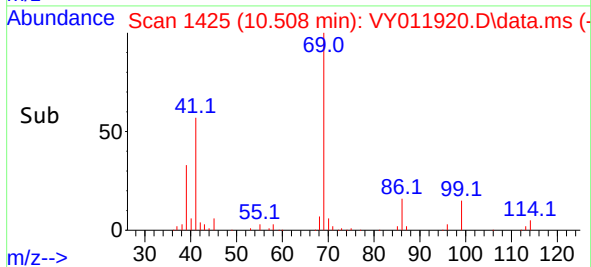
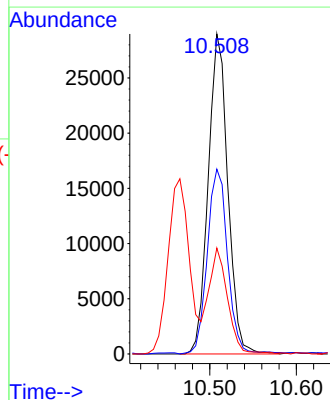
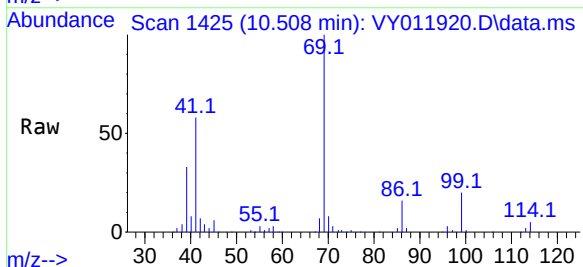
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.7	101.5
85	52.5	43.8	65.8
99	61.5	49.0	73.4

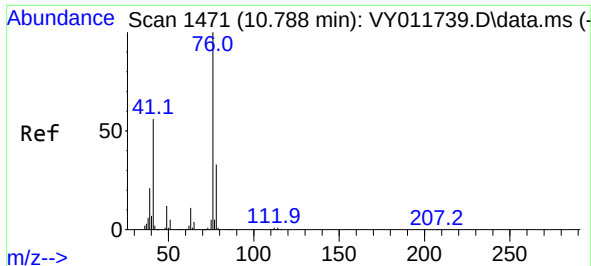


#56
Ethyl methacrylate
Concen: 19.360 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 69 Resp: 45618

Ion	Ratio	Lower	Upper
69	100		
41	59.9	48.9	73.3
39	31.8	25.9	38.9





#57

1,3-Dichloropropane

Concen: 19.625 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011920.D

Acq: 20 Dec 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

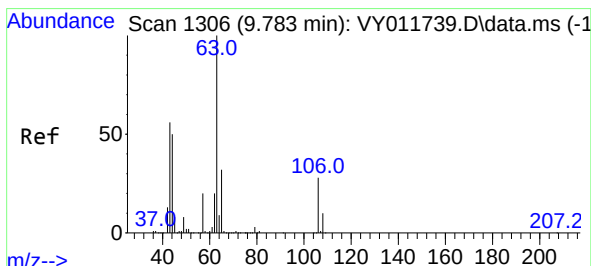
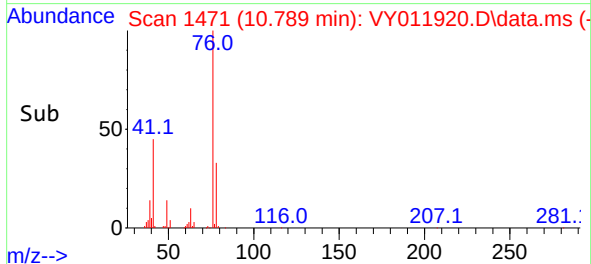
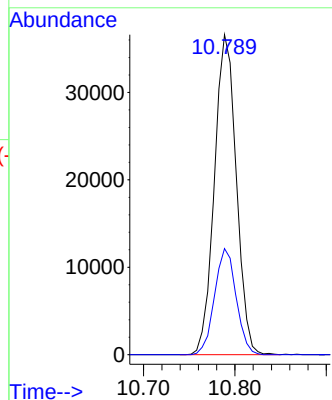
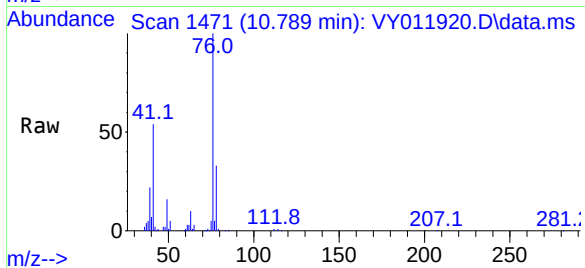
VY1220SBS01

Tgt Ion: 76 Resp: 60951

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.299 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY011920.D

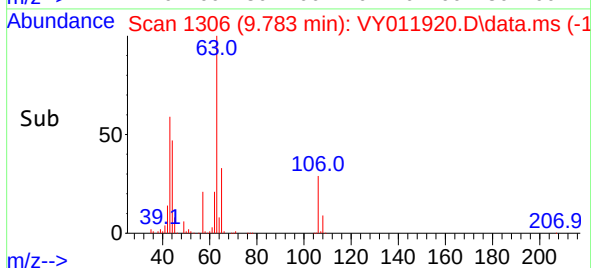
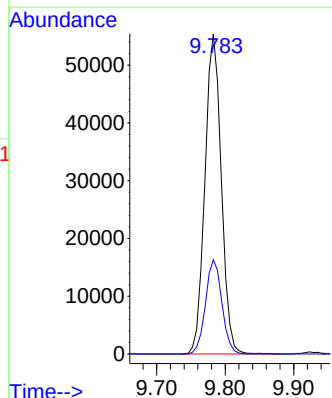
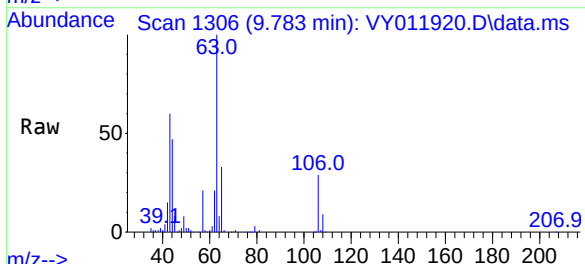
Acq: 20 Dec 2022 14:28

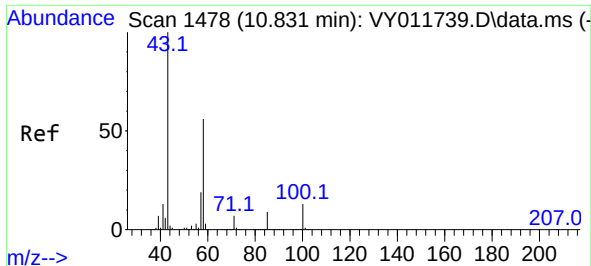
Tgt Ion: 63 Resp: 92105

Ion Ratio Lower Upper

63 100

106 29.3 23.2 34.8

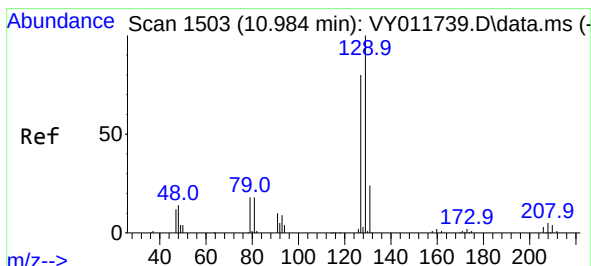
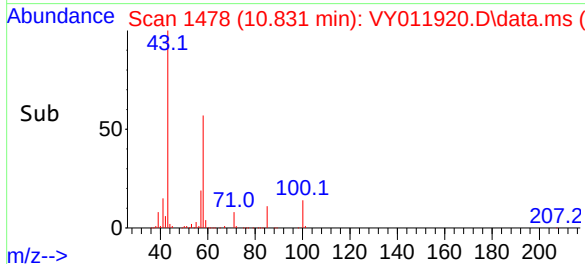
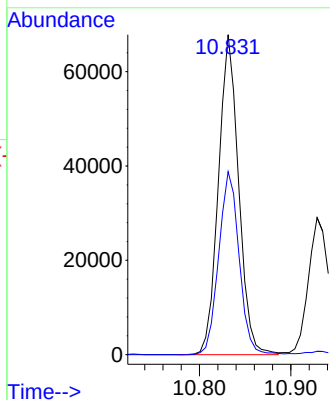
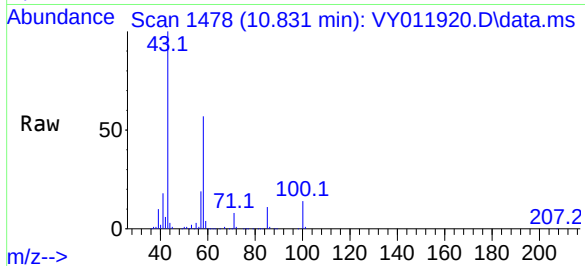




#59
2-Hexanone
Concen: 94.232 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

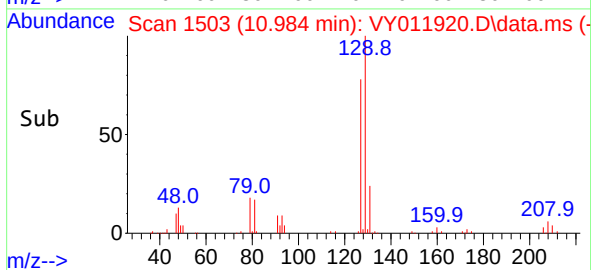
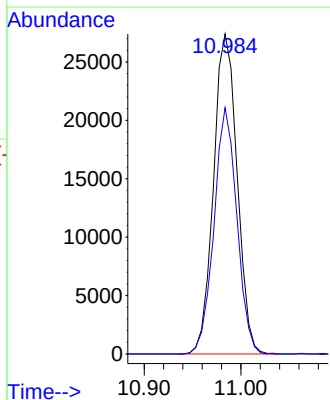
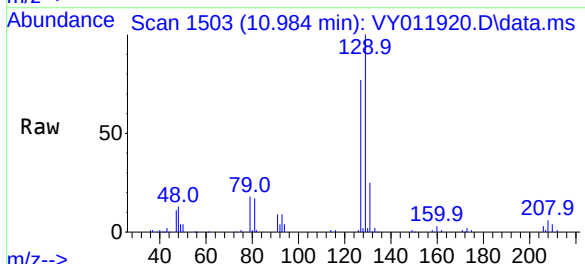
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

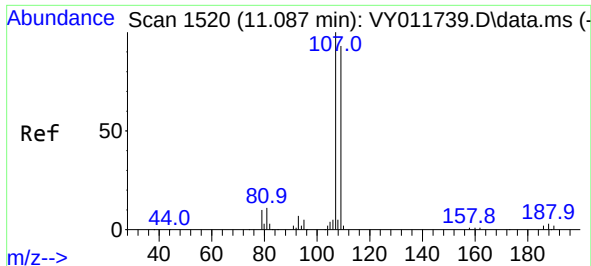
Tgt Ion: 43 Resp: 104295
Ion Ratio Lower Upper
43 100
58 57.7 28.4 85.2



#60
Dibromochloromethane
Concen: 19.768 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 129 Resp: 46344
Ion Ratio Lower Upper
129 100
127 74.6 38.9 116.6

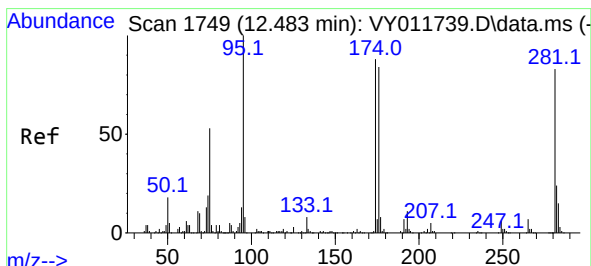
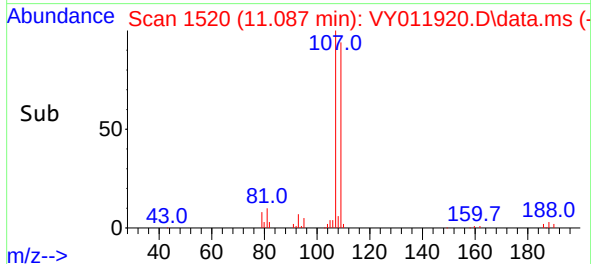
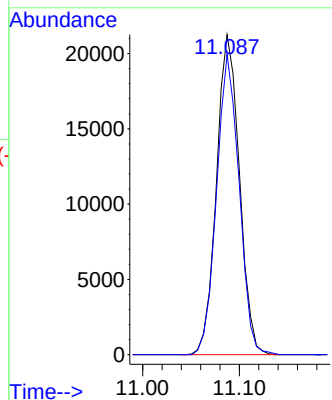
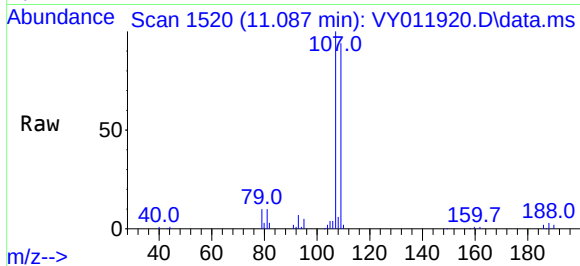




#61
1,2-Dibromoethane
Concen: 20.064 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

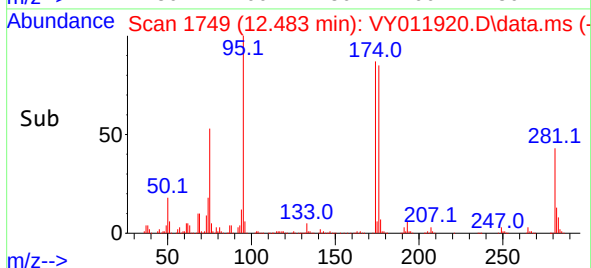
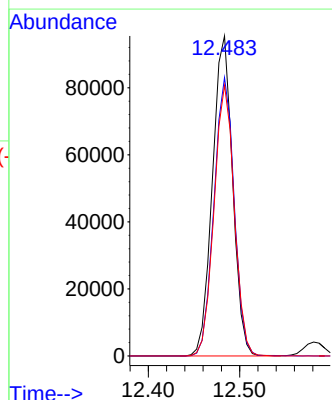
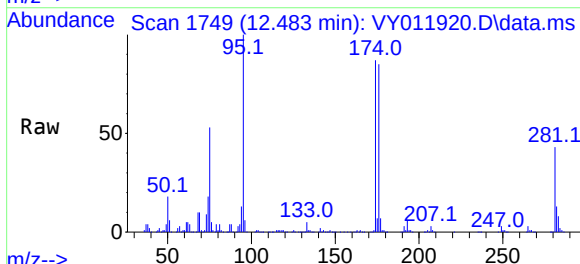
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

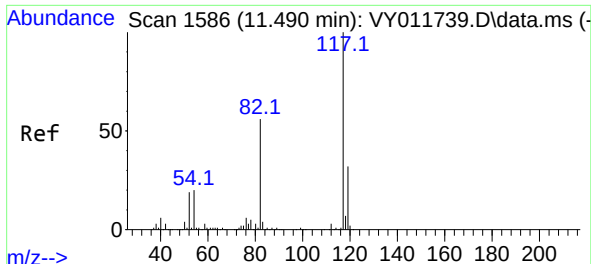
Tgt Ion:107 Resp: 34935
Ion Ratio Lower Upper
107 100
109 92.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 49.908 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 95 Resp: 146191
Ion Ratio Lower Upper
95 100
174 87.2 0.0 172.0
176 84.8 0.0 167.6

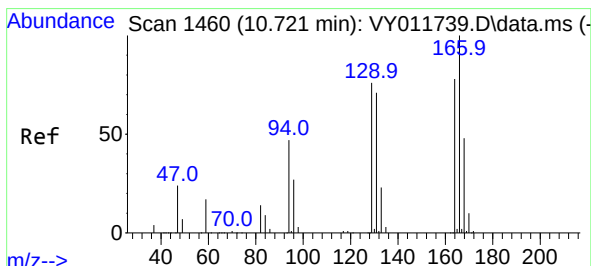
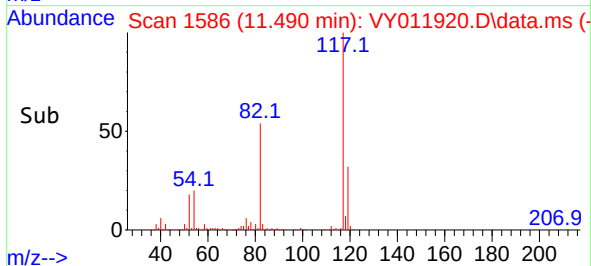
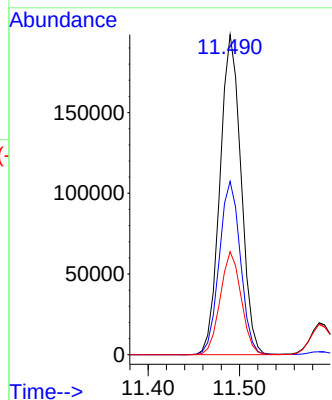
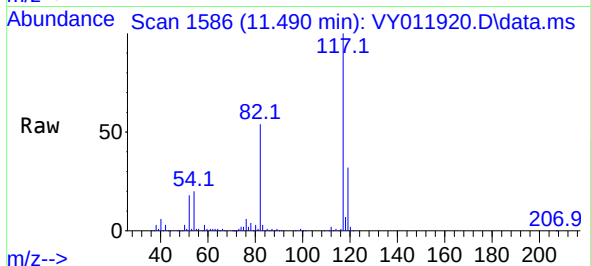




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

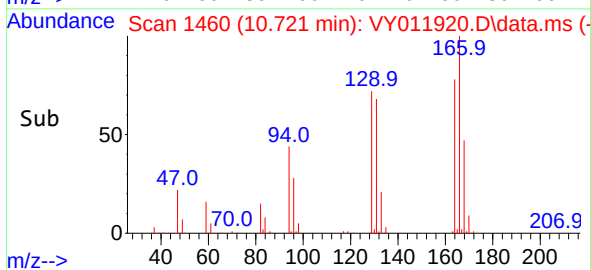
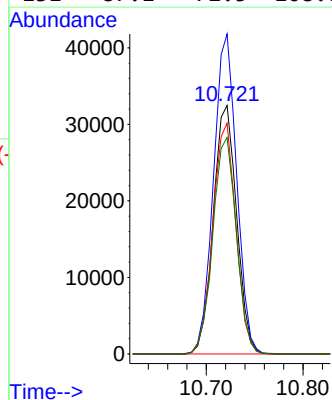
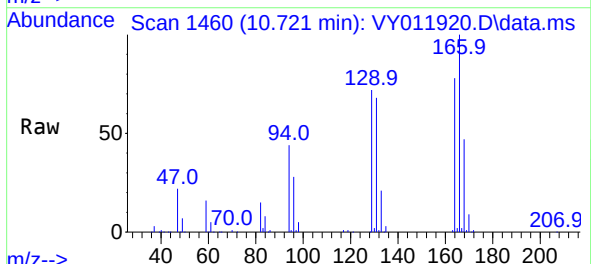
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

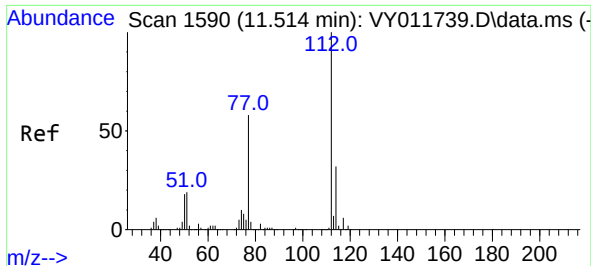
Tgt Ion:117 Resp: 317824
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 19.628 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:164 Resp: 54603
Ion Ratio Lower Upper
164 100
166 128.8 102.3 153.5
129 92.9 77.2 115.8
131 87.1 72.5 108.7

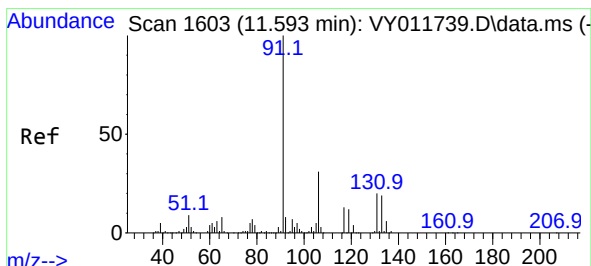
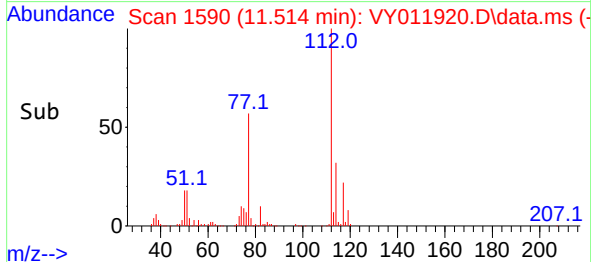
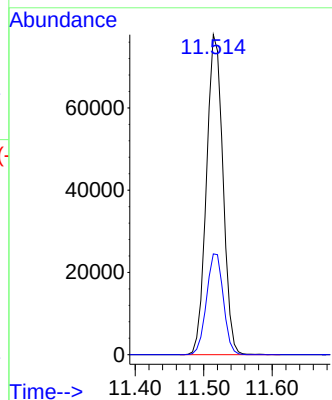
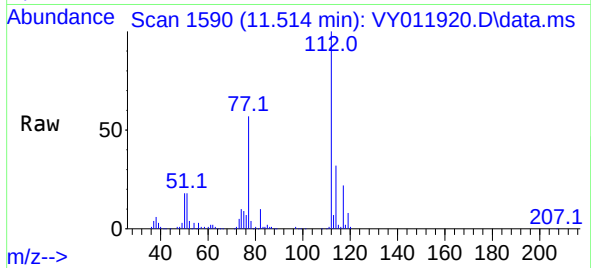




#65
Chlorobenzene
Concen: 19.754 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

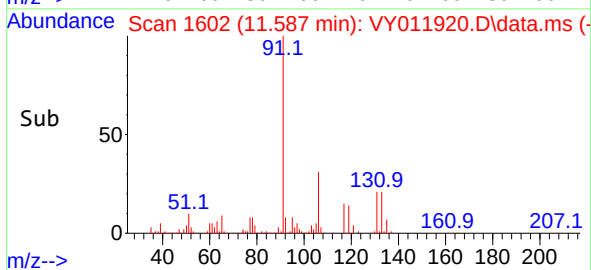
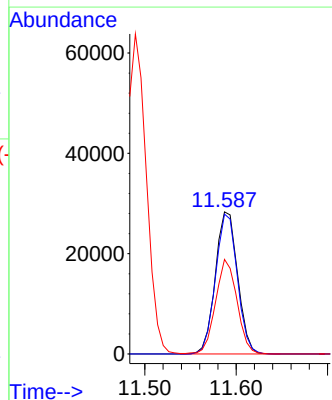
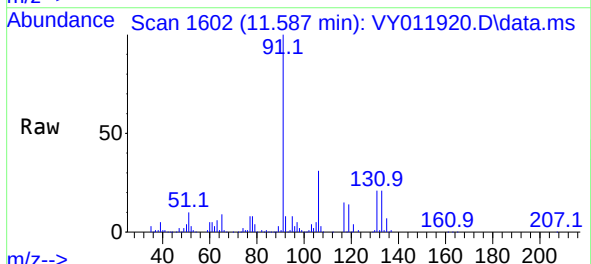
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

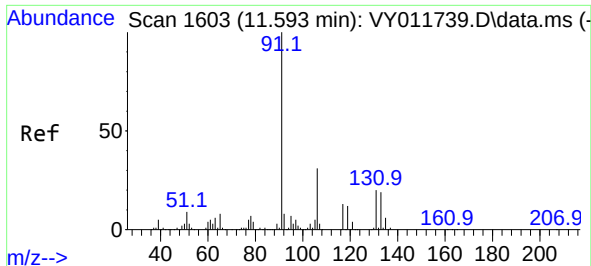
Tgt Ion:112 Resp: 130359
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.588 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:131 Resp: 48094
Ion Ratio Lower Upper
131 100
133 96.0 47.3 142.0
119 63.9 32.1 96.3





#67

Ethyl Benzene

Concen: 19.611 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011920.D

Acq: 20 Dec 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

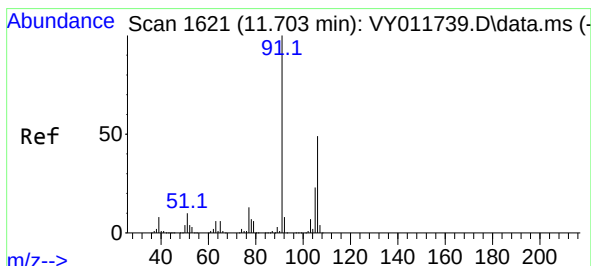
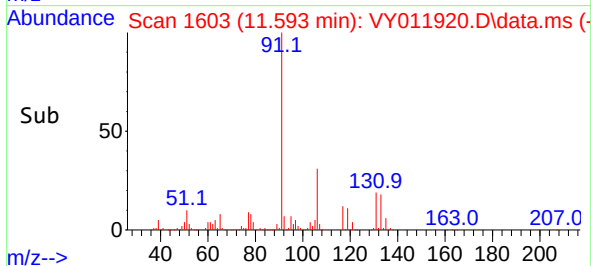
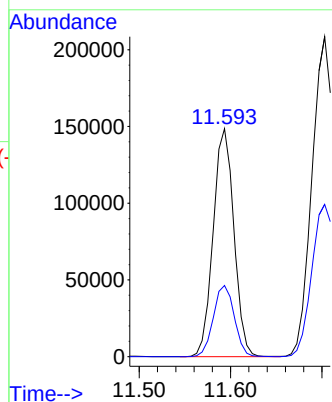
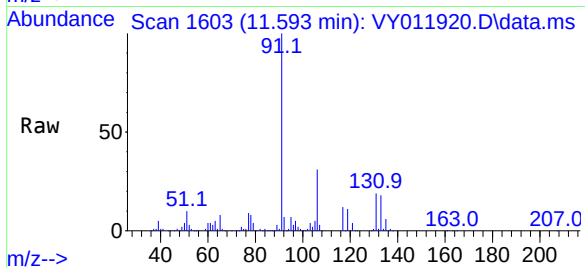
VY1220SBS01

Tgt Ion: 91 Resp: 233932

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 39.651 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY011920.D

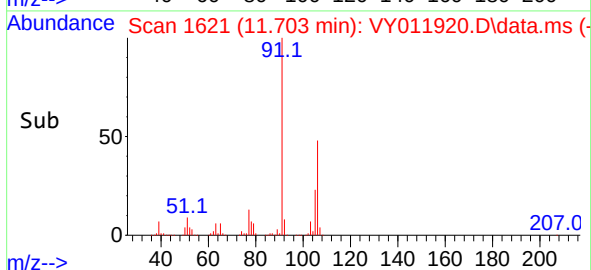
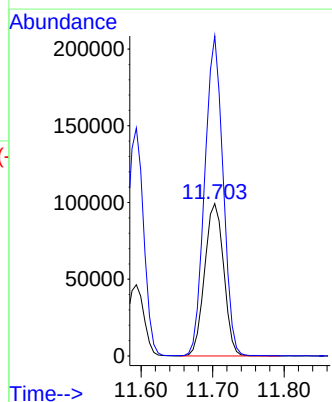
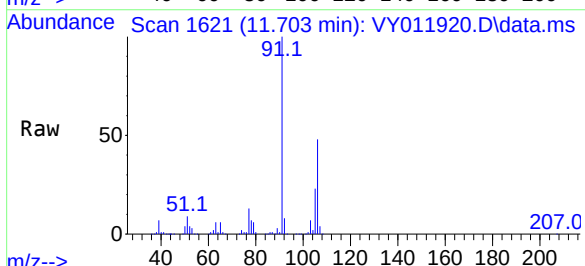
Acq: 20 Dec 2022 14:28

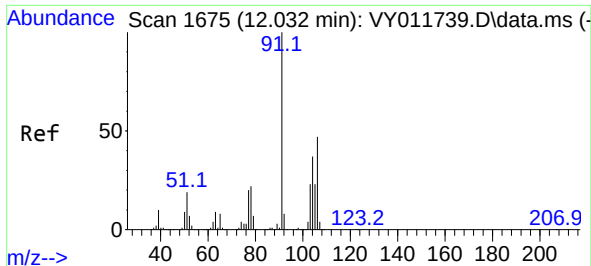
Tgt Ion: 106 Resp: 183948

Ion Ratio Lower Upper

106 100

91 201.8 162.5 243.7

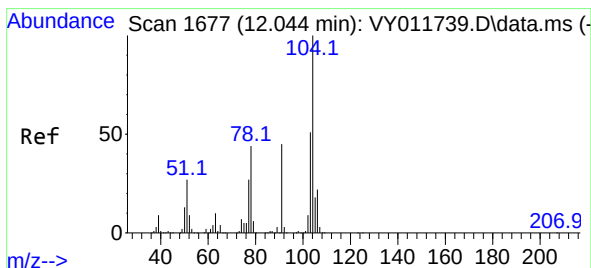
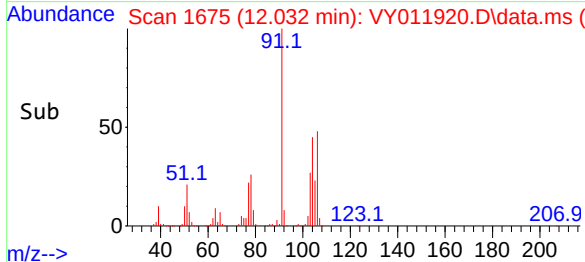
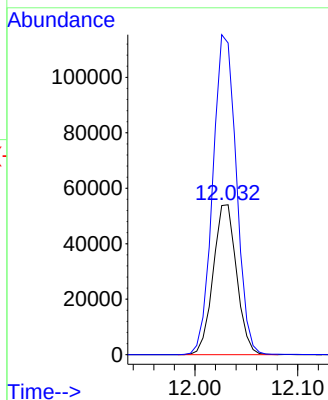
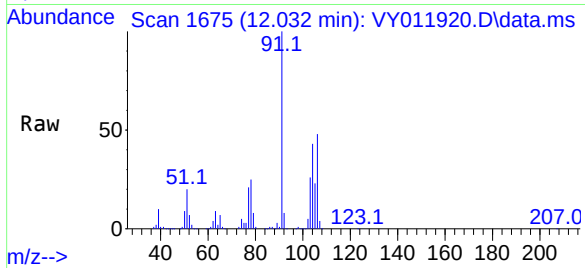




#69
o-Xylene
Concen: 19.788 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

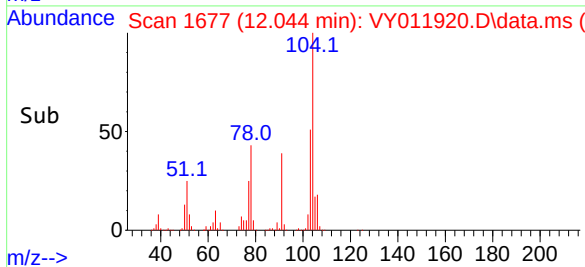
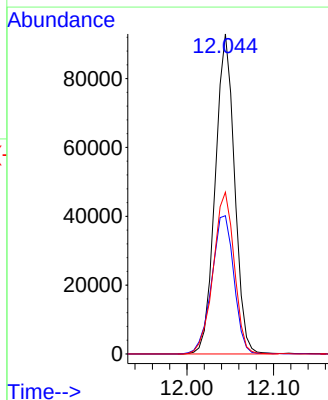
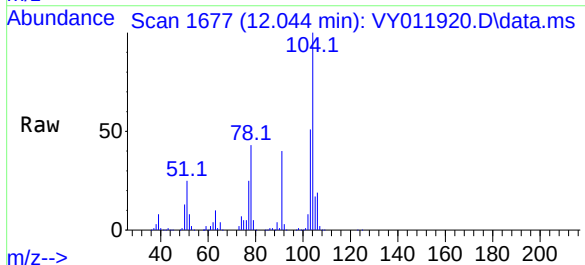
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

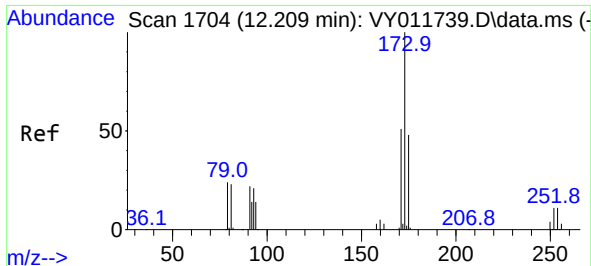
Tgt Ion:106 Resp: 85416
Ion Ratio Lower Upper
106 100
91 214.7 107.5 322.4



#70
Styrene
Concen: 19.860 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:104 Resp: 143939
Ion Ratio Lower Upper
104 100
78 49.9 39.4 59.0
103 54.9 43.0 64.4

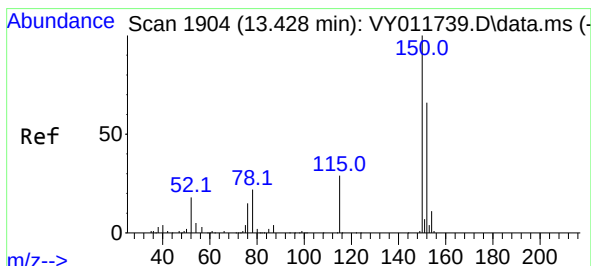
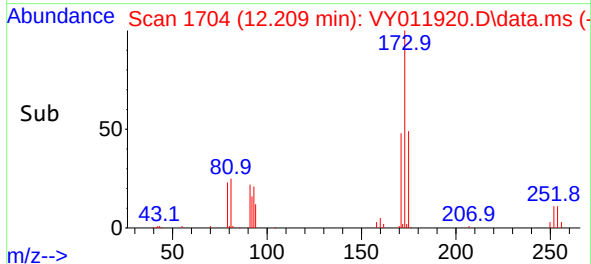
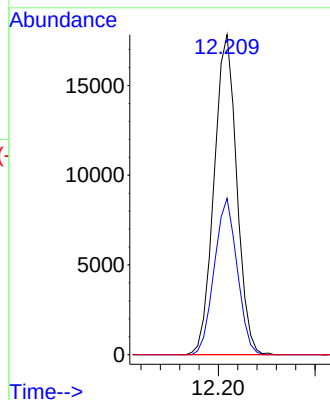
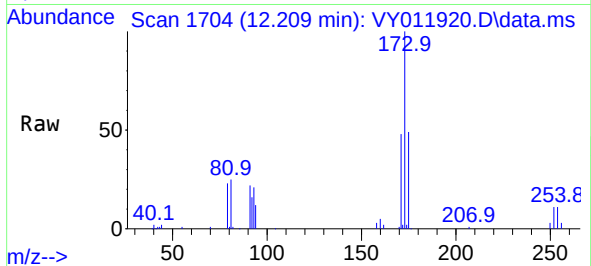




#71
Bromoform
Concen: 19.874 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

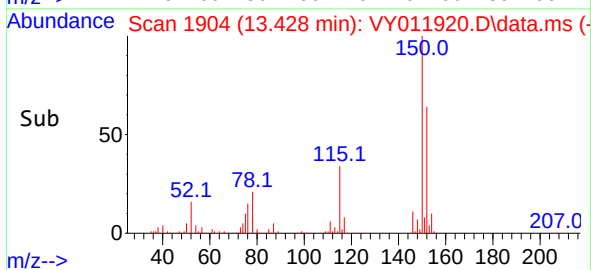
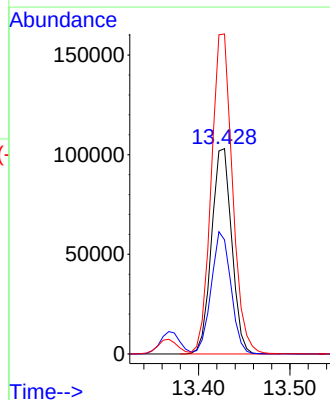
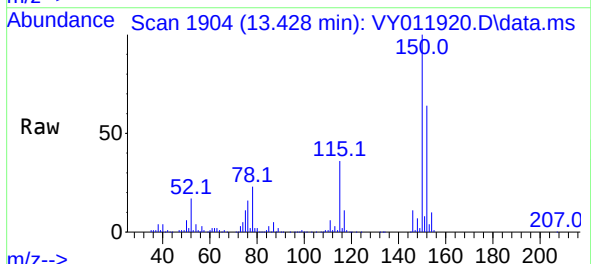
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

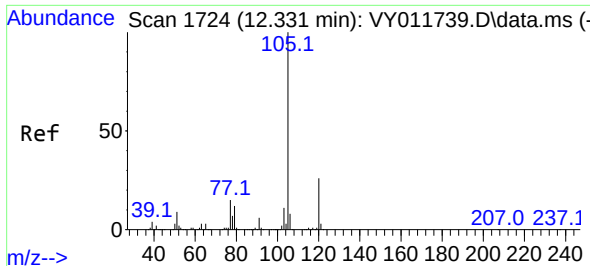
Tgt Ion:173 Resp: 28914
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:152 Resp: 158207
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.3
150 163.5 0.0 342.6

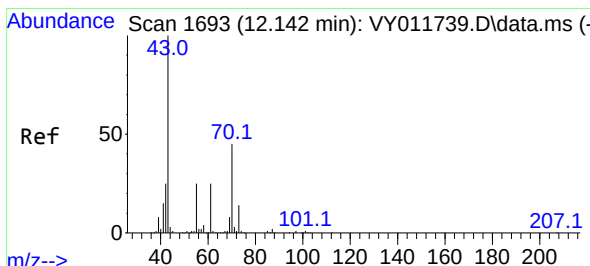
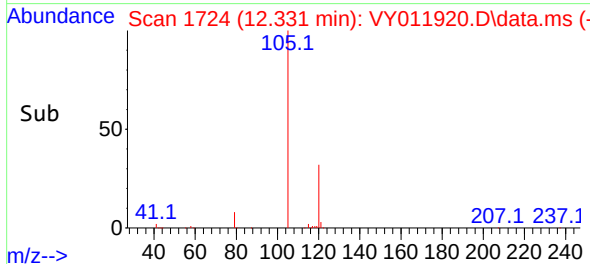
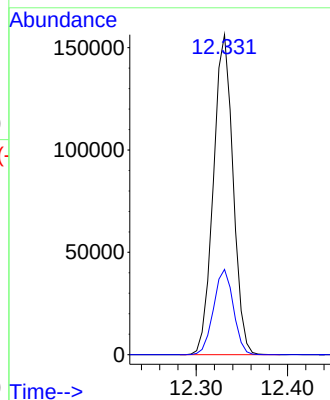
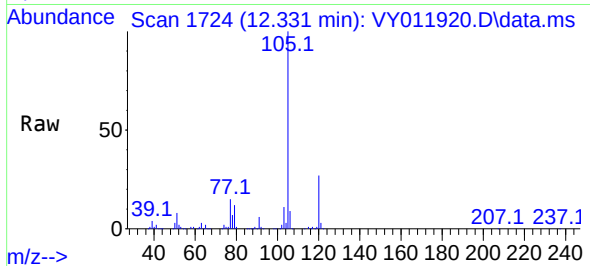




#73
Isopropylbenzene
Concen: 19.899 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

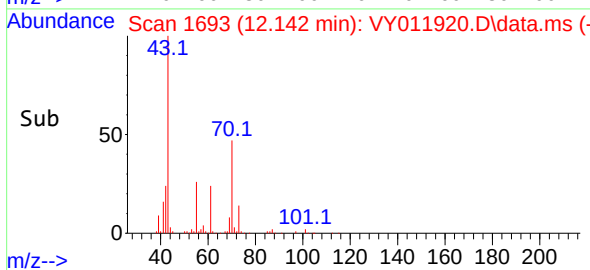
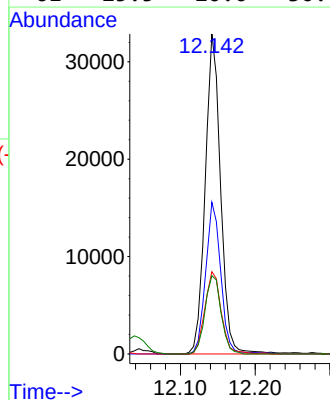
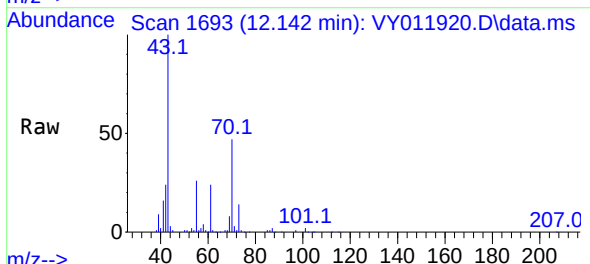
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

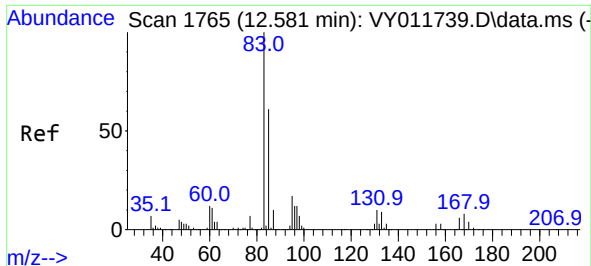
Tgt Ion:105 Resp: 233618
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 19.521 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 43 Resp: 46983
Ion Ratio Lower Upper
43 100
70 46.8 35.8 53.8
55 27.3 21.0 31.4
61 25.5 20.0 30.0

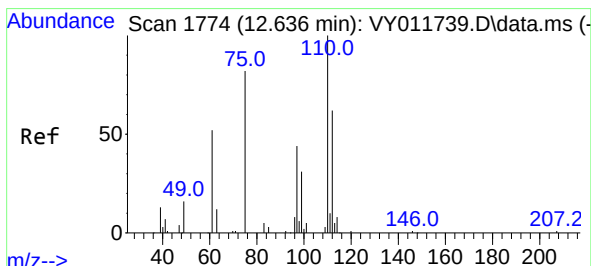
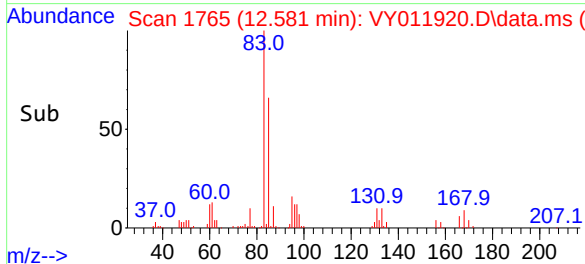
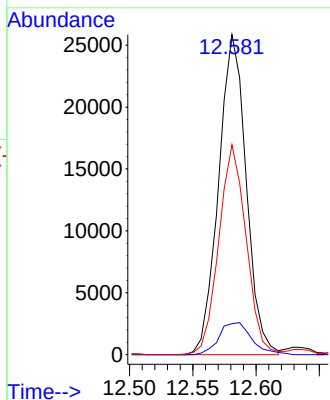
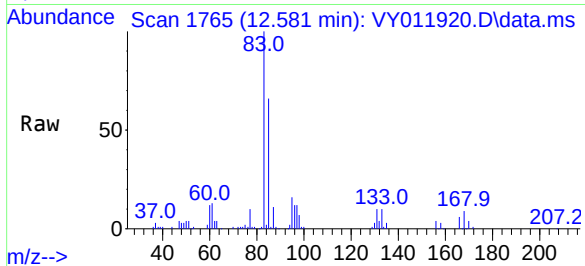




#75
1,1,2-Tetrachloroethane
Concen: 20.043 ug/l
RT: 12.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

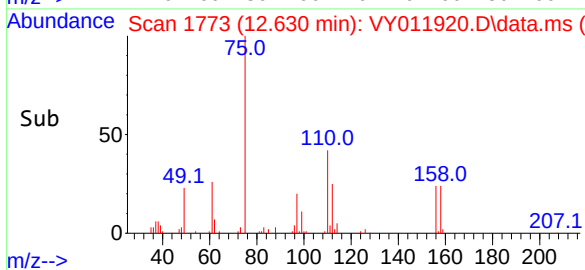
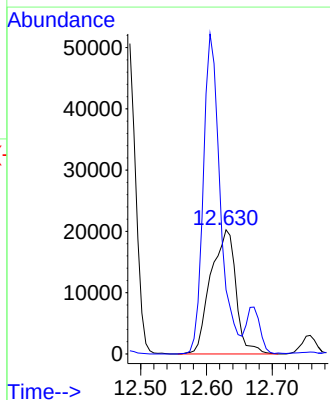
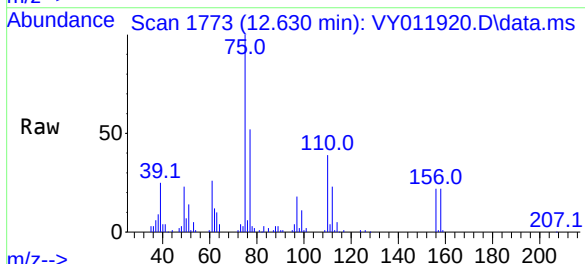
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

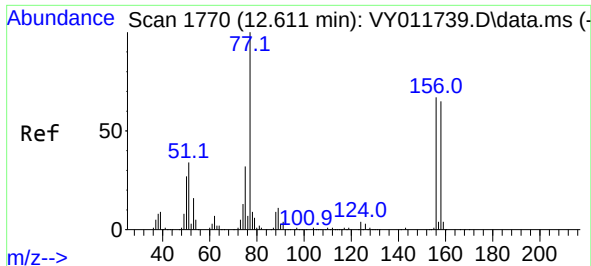
Tgt Ion: 83 Resp: 39254
Ion Ratio Lower Upper
83 100
131 11.9 5.6 16.8
85 64.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 27.494 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 75 Resp: 54126
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

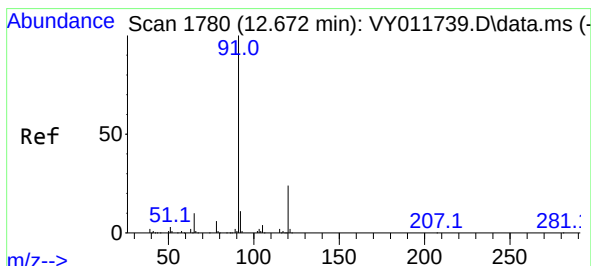
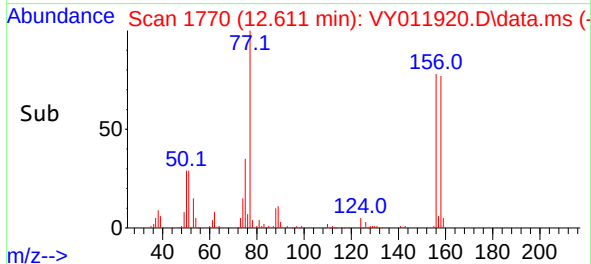
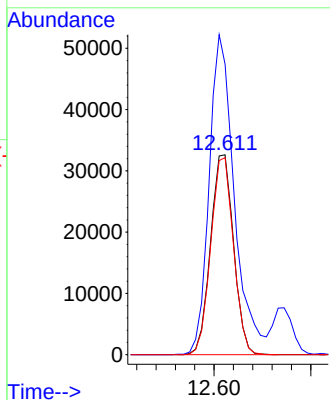
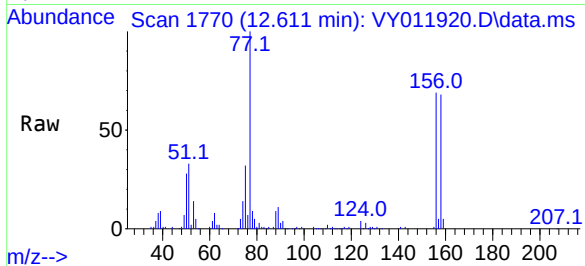




#77
Bromobenzene
Concen: 19.812 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

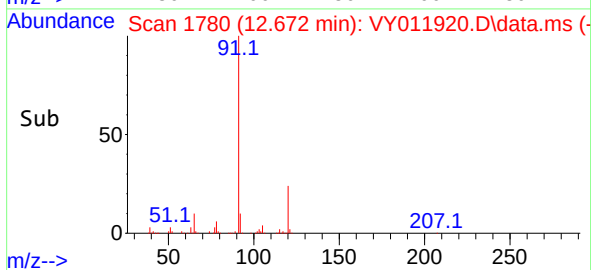
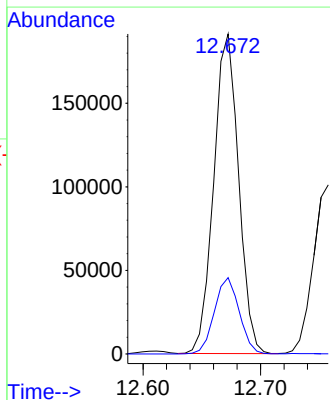
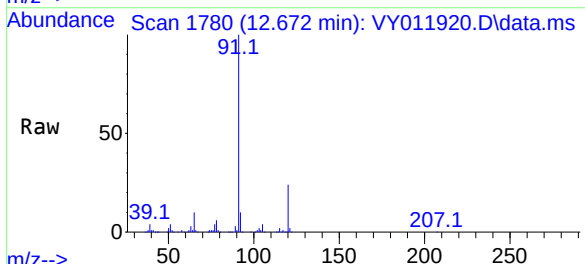
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

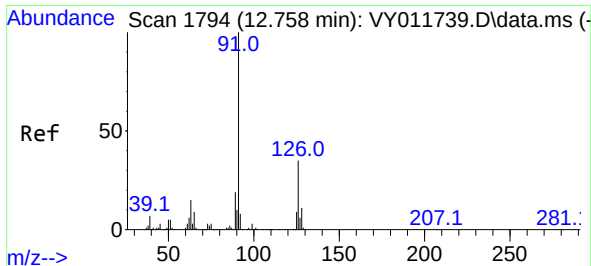
Tgt Ion:156 Resp: 53811
Ion Ratio Lower Upper
156 100
77 175.3 90.0 270.0
158 97.1 48.4 145.2



#78
n-propylbenzene
Concen: 19.925 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 91 Resp: 281180
Ion Ratio Lower Upper
91 100
120 23.9 11.8 35.4

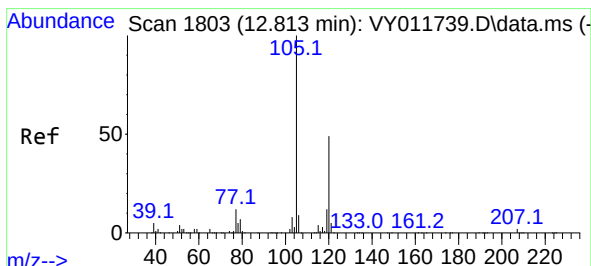
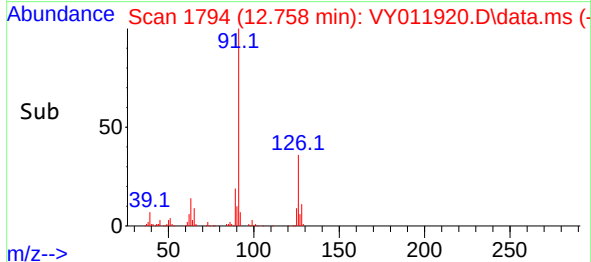
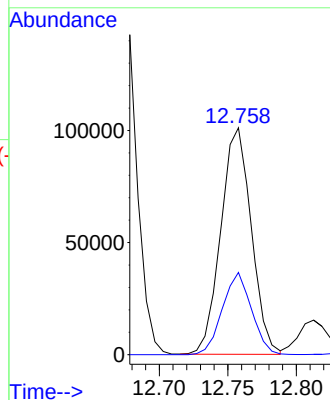
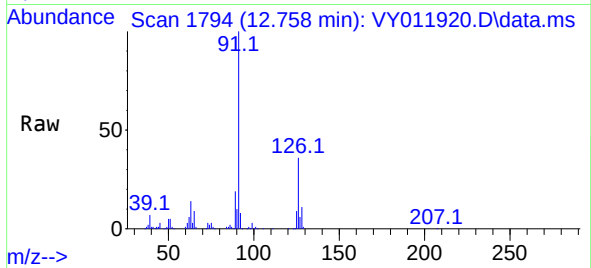




#79
2-Chlorotoluene
Concen: 19.753 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

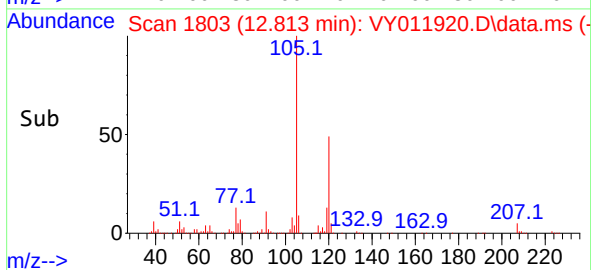
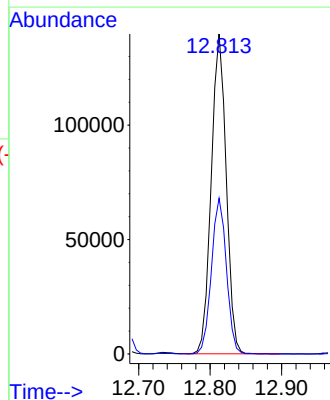
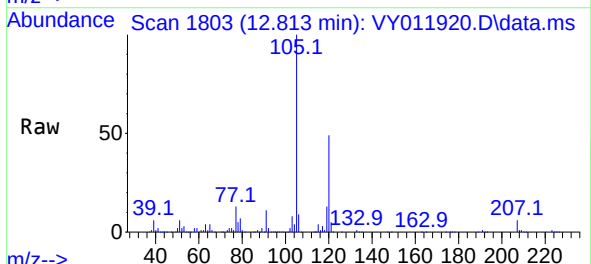
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

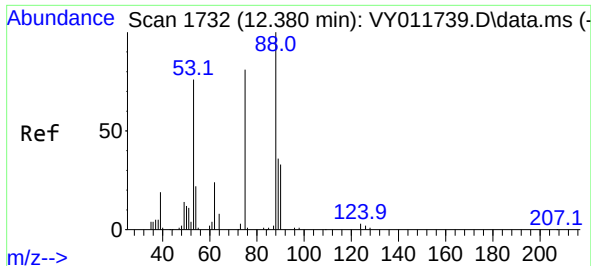
Tgt Ion: 91 Resp: 156684
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 20.174 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:105 Resp: 202772
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6

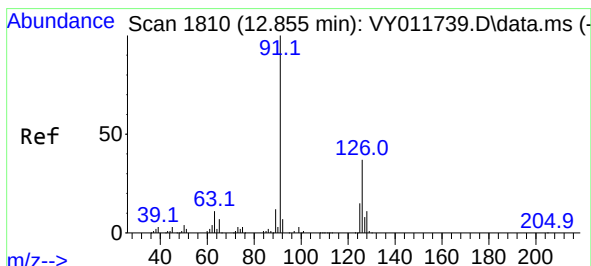
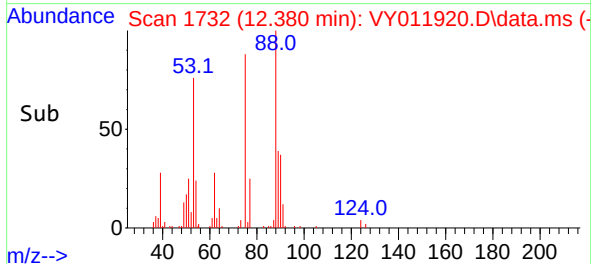
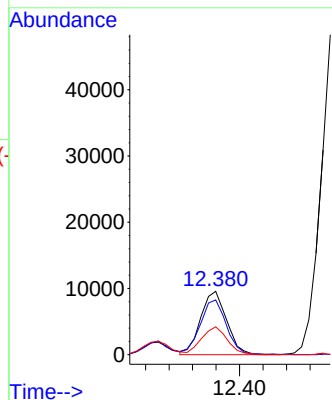
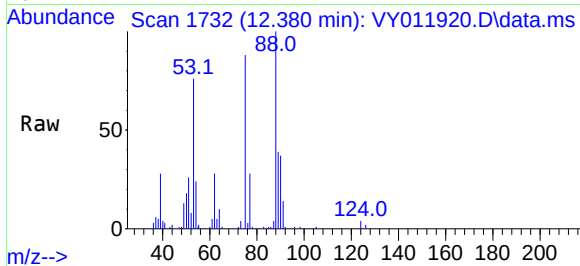




#81
trans-1,4-Dichloro-2-butene
Concen: 20.538 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

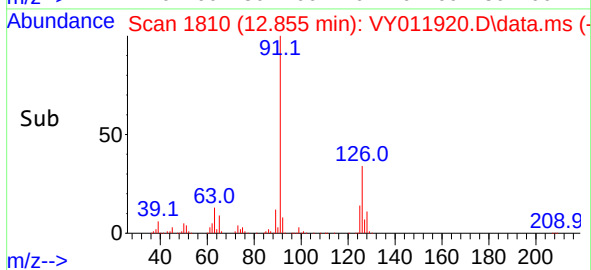
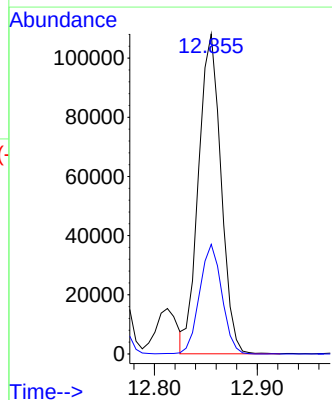
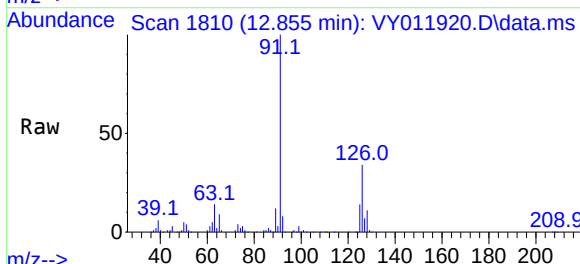
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

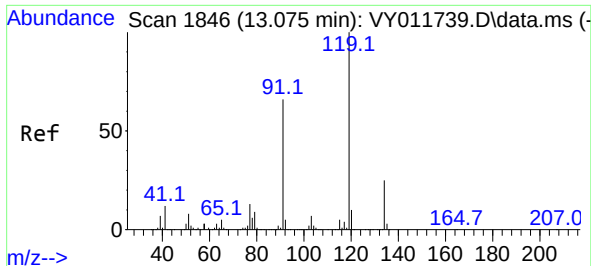
Tgt Ion: 75 Resp: 14764
Ion Ratio Lower Upper
75 100
53 86.5 72.5 108.7
89 43.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.028 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 91 Resp: 164380
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2

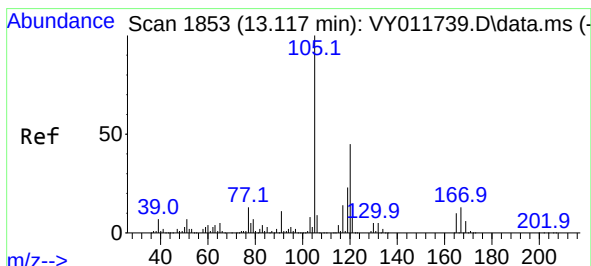
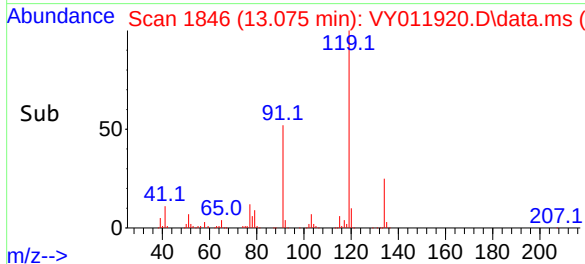
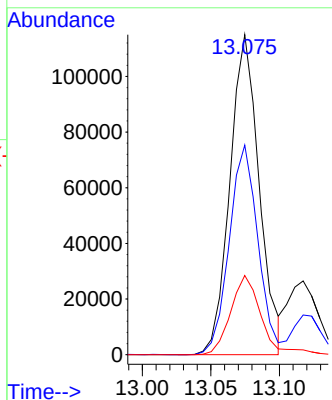
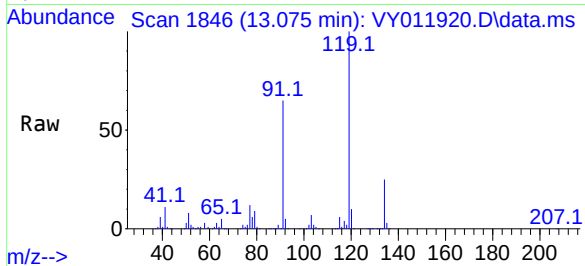




#83
tert-Butylbenzene
Concen: 20.108 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

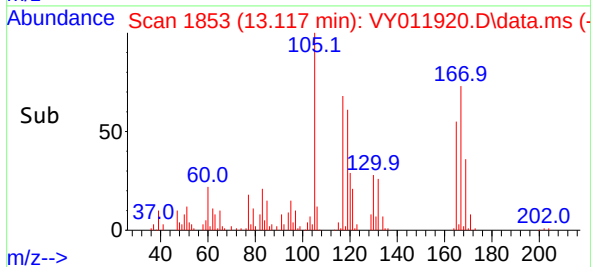
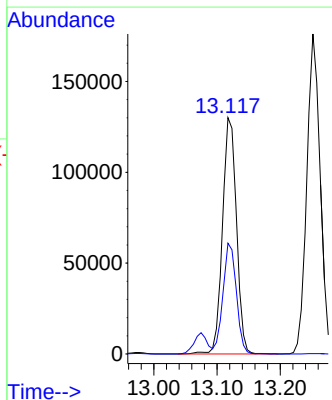
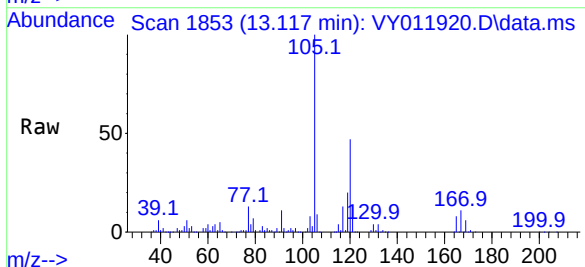
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

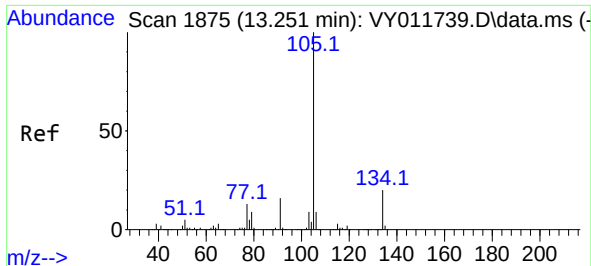
Tgt Ion:119 Resp: 171286
Ion Ratio Lower Upper
119 100
91 64.0 32.3 96.8
134 25.8 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.101 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:105 Resp: 198768
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.7

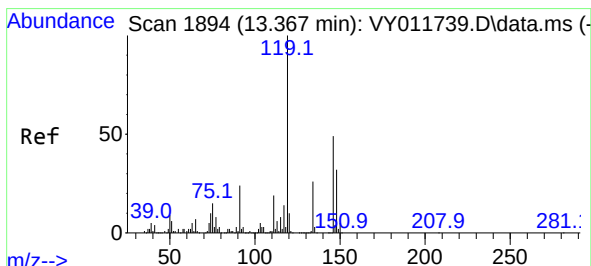
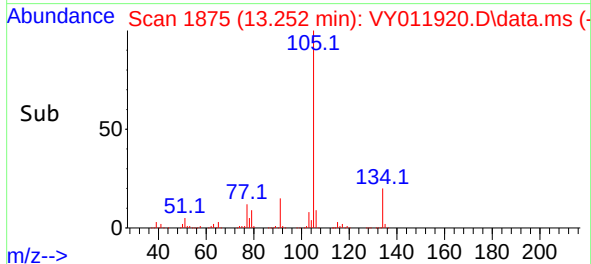
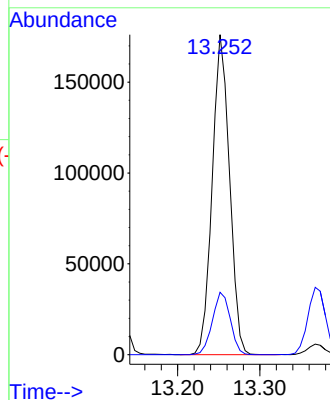
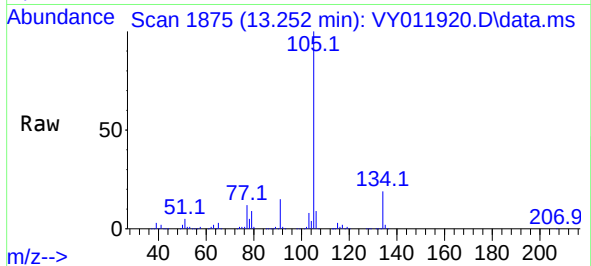




#85
 sec-Butylbenzene
 Concen: 20.226 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY011920.D
 Acq: 20 Dec 2022 14:28

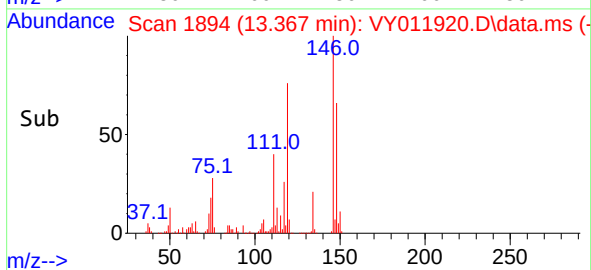
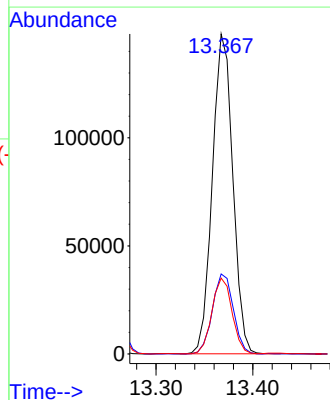
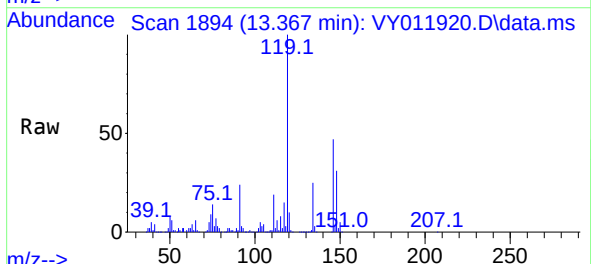
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBS01

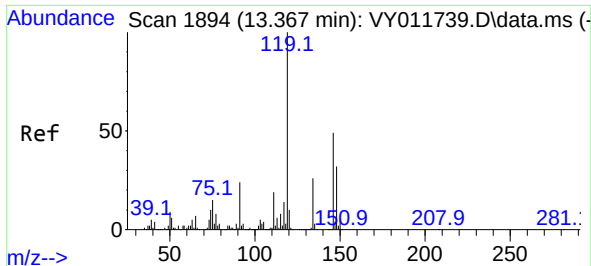
Tgt Ion:105 Resp: 257273
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.195 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY011920.D
 Acq: 20 Dec 2022 14:28

Tgt Ion:119 Resp: 216755
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 23.5 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 19.738 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011920.D

Acq: 20 Dec 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBS01

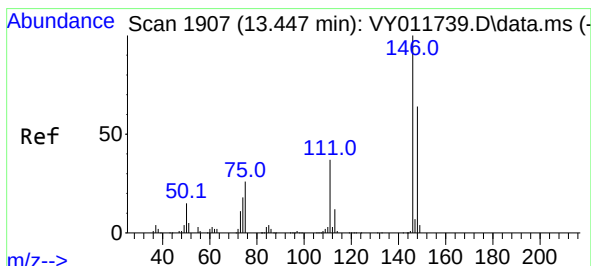
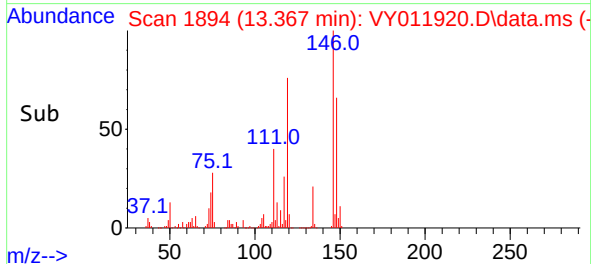
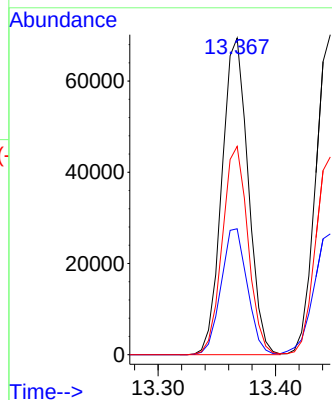
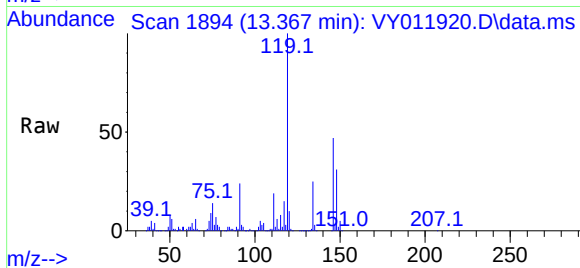
Tgt Ion:146 Resp: 107812

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 64.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.872 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY011920.D

Acq: 20 Dec 2022 14:28

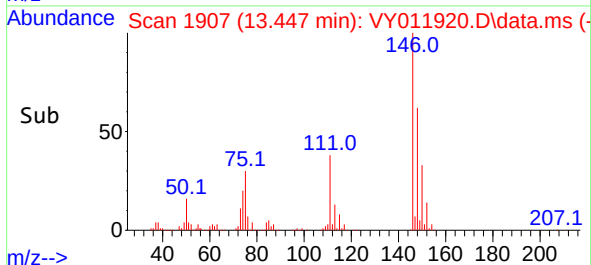
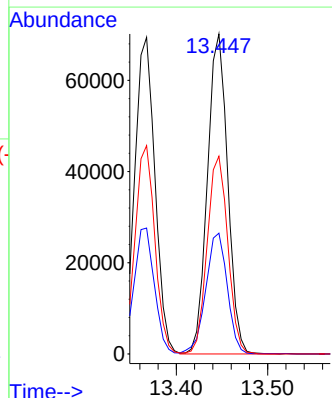
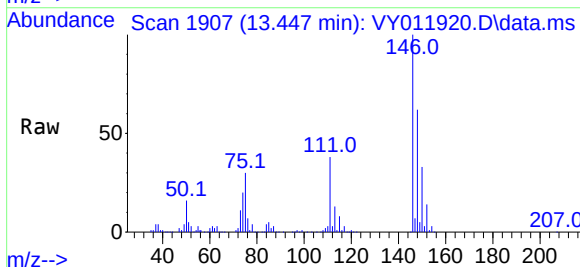
Tgt Ion:146 Resp: 107910

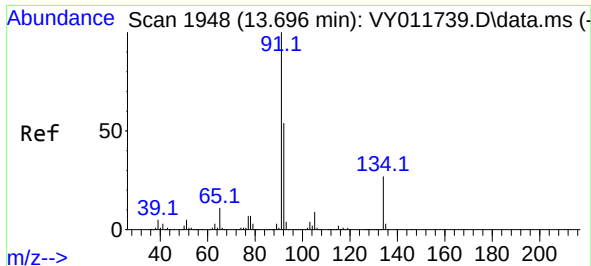
Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.7

148 63.0 31.9 95.7

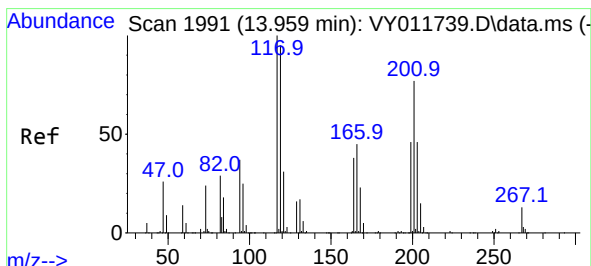
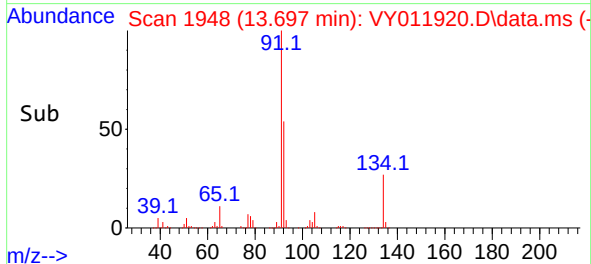
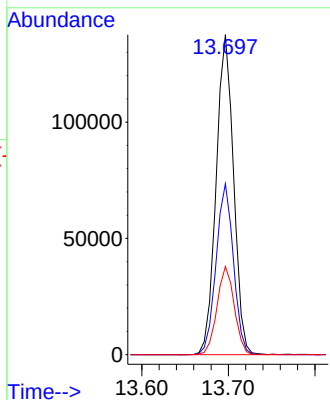
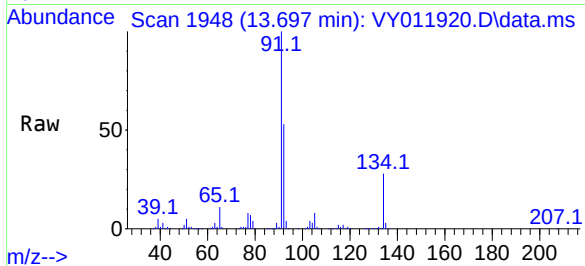




#89
n-Butylbenzene
Concen: 19.819 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

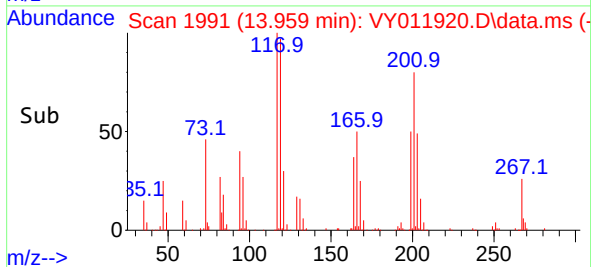
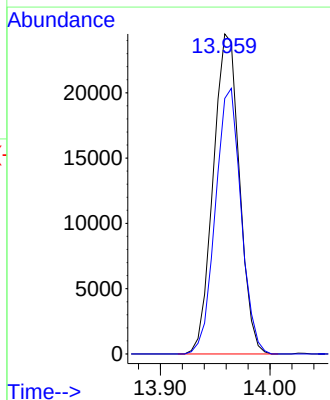
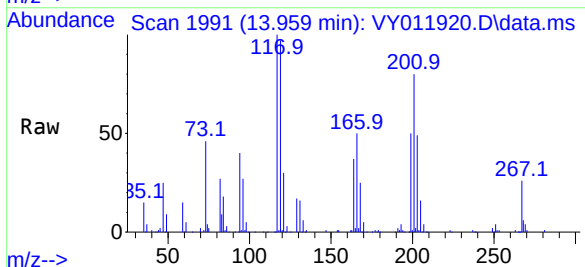
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

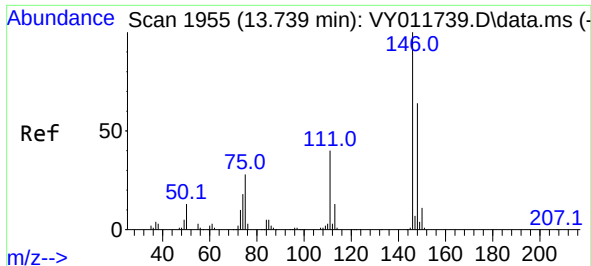
Tgt Ion: 91 Resp: 192568
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.4
134 27.3 13.3 39.8



#90
Hexachloroethane
Concen: 19.857 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion: 117 Resp: 40666
Ion Ratio Lower Upper
117 100
201 81.2 40.3 120.8

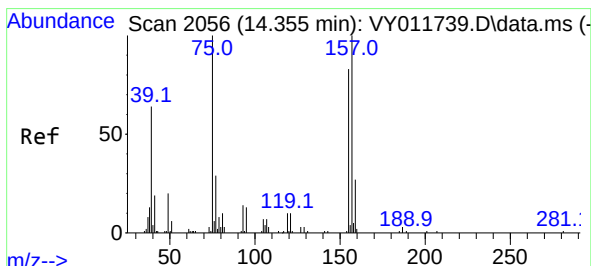
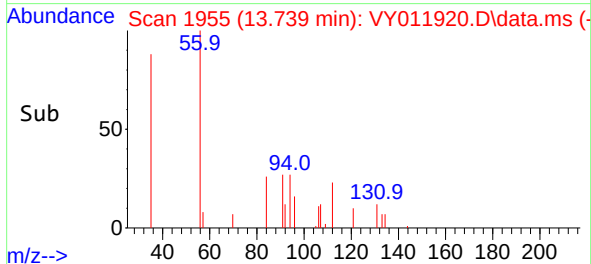
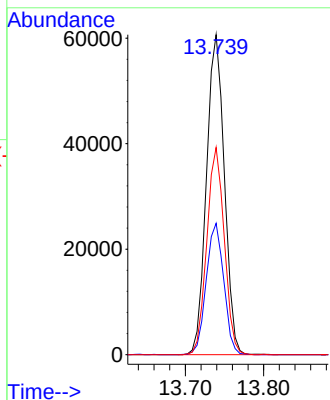
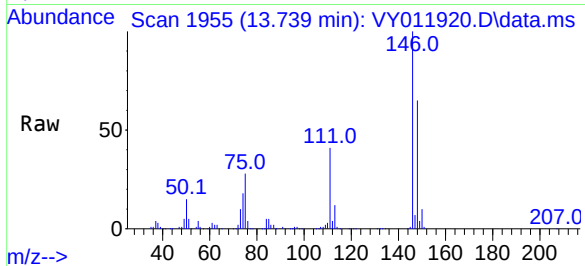




#91
1,2-Dichlorobenzene
Concen: 20.216 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

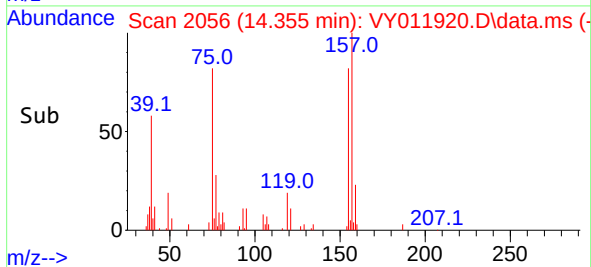
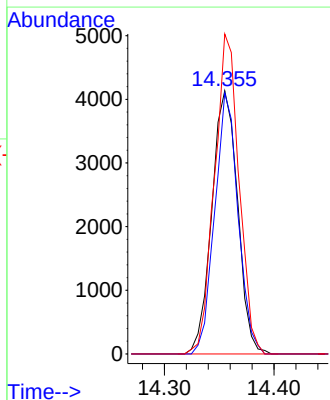
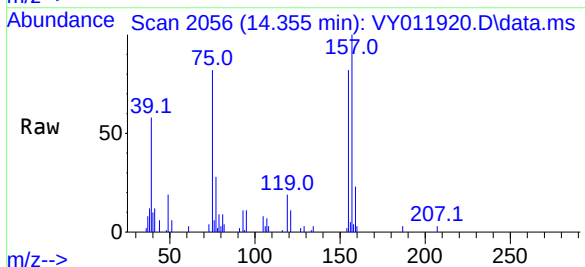
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

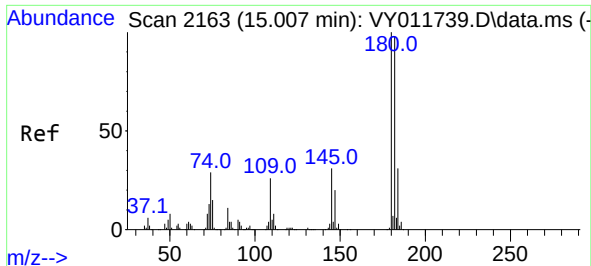
Tgt Ion:	146	Resp:	96268
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.8
148	63.2	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.070 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:	75	Resp:	6755
Ion	Ratio	Lower	Upper
75	100		
155	89.9	42.3	126.8
157	115.9	54.4	163.3

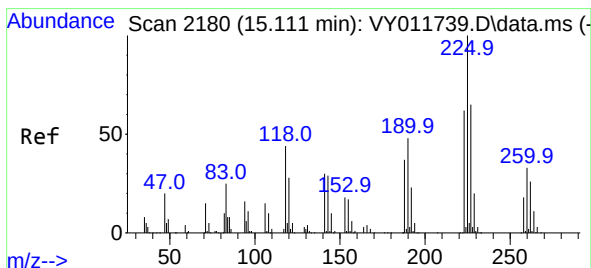
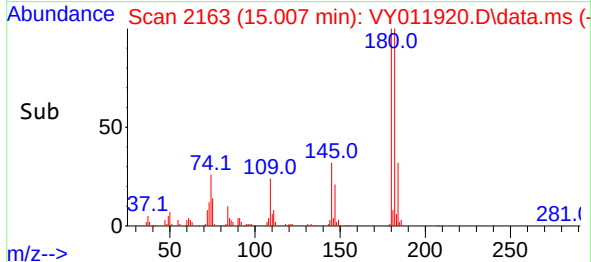
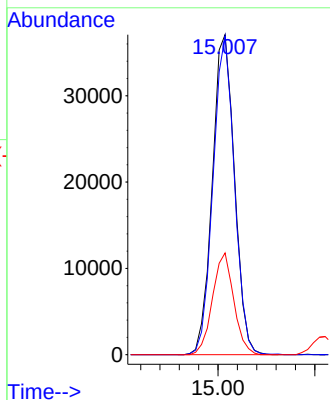
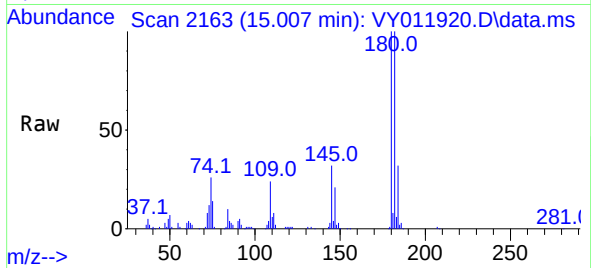




#93
1,2,4-Trichlorobenzene
Concen: 20.997 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

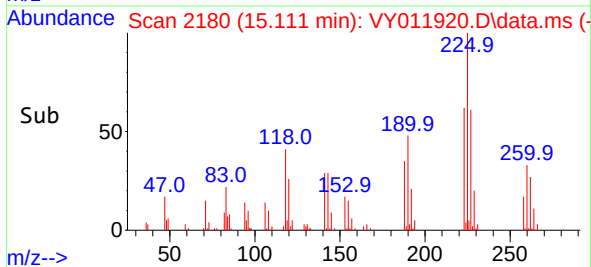
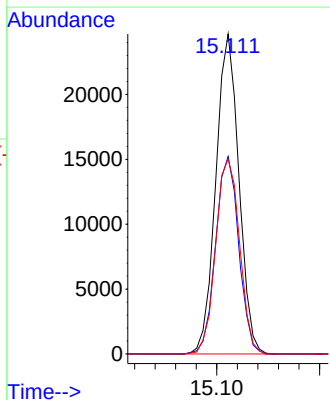
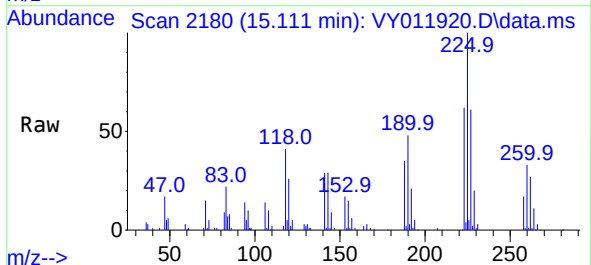
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

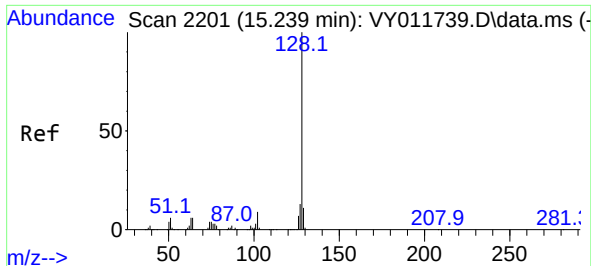
Tgt Ion:	180	Resp:	58819
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.1	144.3
145	30.5	15.4	46.4



#94
Hexachlorobutadiene
Concen: 21.170 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:	225	Resp:	38318
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.4	94.2
227	63.2	32.6	97.8

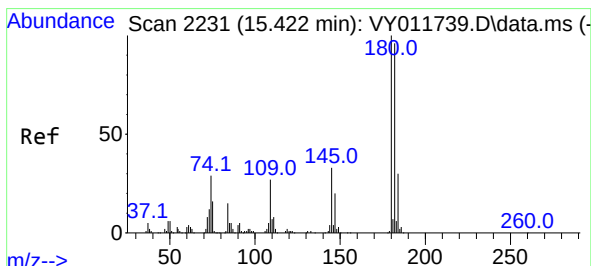
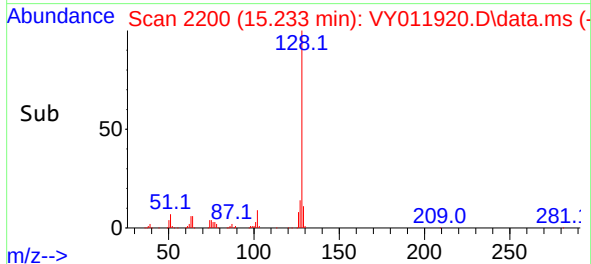
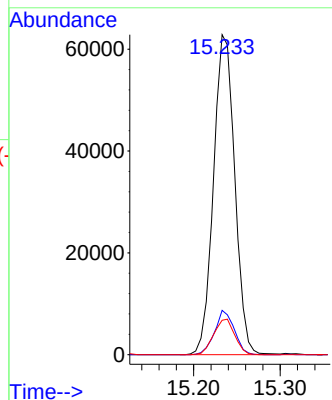
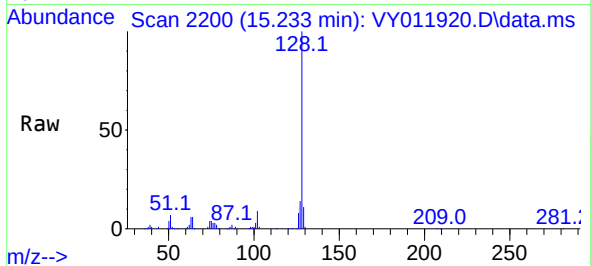




#95
Naphthalene
Concen: 20.169 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBS01

Tgt Ion:128 Resp: 107288
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.092 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY011920.D
Acq: 20 Dec 2022 14:28

Tgt Ion:180 Resp: 49954
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.7
145 33.5 16.1 48.2

