

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011942.D
 Acq On : 21 Dec 2022 13:25
 Operator : KP/MD
 Sample : VY1221SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS01

Quant Time: Dec 22 00:13:09 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	224581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121442	53.674	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.340%	
35) Dibromofluoromethane	7.716	113	110299	52.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.940%	
50) Toluene-d8	10.179	98	451179	53.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	12.477	95	150515	52.969	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23498	14.938	ug/l	91
3) Chloromethane	2.113	50	31754	15.887	ug/l	98
4) Vinyl Chloride	2.253	62	36873	16.728	ug/l	97
5) Bromomethane	2.643	94	28158	17.955	ug/l	98
6) Chloroethane	2.790	64	25482	17.686	ug/l	96
7) Trichlorofluoromethane	3.125	101	71519	18.535	ug/l	99
8) Diethyl Ether	3.527	74	23037	19.349	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	40535	19.083	ug/l	99
10) Methyl Iodide	4.088	142	49460	16.829	ug/l	98
11) Tert butyl alcohol	4.948	59	29844	115.501	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	39134	18.418	ug/l	92
13) Acrolein	3.729	56	24932	117.878	ug/l	99
14) Allyl chloride	4.485	41	58551	18.712	ug/l	96
15) Acrylonitrile	5.161	53	57591	103.986	ug/l	99
16) Acetone	3.948	43	53279	82.208	ug/l	98
17) Carbon Disulfide	4.192	76	116691	17.217	ug/l	100
18) Methyl Acetate	4.478	43	32988	21.100	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	110027	20.182	ug/l	97
20) Methylene Chloride	4.716	84	64454	21.299	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	46248	19.156	ug/l	92
22) Diisopropyl ether	6.118	45	125048	20.291	ug/l	97
23) Vinyl Acetate	6.057	43	357489	100.826	ug/l	98
24) 1,1-Dichloroethane	6.015	63	78415	19.575	ug/l	99
25) 2-Butanone	6.978	43	73596	97.647	ug/l	99
26) 2,2-Dichloropropane	6.984	77	75794	19.336	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	51361	19.669	ug/l	98
28) Bromochloromethane	7.332	49	22827	20.766	ug/l	94
29) Tetrahydrofuran	7.344	42	45104	105.624	ug/l	96
30) Chloroform	7.508	83	86064	19.933	ug/l	100
31) Cyclohexane	7.783	56	72790	19.110	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	80537	19.611	ug/l	100
36) 1,1-Dichloropropene	7.917	75	64870	19.421	ug/l	99
37) Ethyl Acetate	7.069	43	30419	20.298	ug/l	97
38) Carbon Tetrachloride	7.899	117	76177	19.746	ug/l	97
39) Methylcyclohexane	9.185	83	78604	19.557	ug/l	96
40) Benzene	8.161	78	186153	19.474	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	13664	18.855	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	55972	20.340	ug/l	100
43) Isopropyl Acetate	8.270	43	56871	20.778	ug/l	98
44) Trichloroethene	8.941	130	52275	19.401	ug/l	98
45) 1,2-Dichloropropane	9.215	63	43585	19.734	ug/l	99
46) Dibromomethane	9.307	93	25950	20.397	ug/l	99
47) Bromodichloromethane	9.496	83	63932	19.808	ug/l	99
48) Methyl methacrylate	9.295	41	25737	20.309	ug/l	97
49) 1,4-Dioxane	9.295	88	6602	434.641	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	154791	106.062	ug/l	99
52) Toluene	10.240	92	122384	20.095	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	65273	20.014	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	73769	20.123	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	36863	20.419	ug/l	96
56) Ethyl methacrylate	10.508	69	47304	20.695	ug/l	97
57) 1,3-Dichloropropane	10.788	76	61875	20.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	92586	104.969	ug/l	94
59) 2-Hexanone	10.831	43	109509	101.995	ug/l	98
60) Dibromochloromethane	10.983	129	46798	20.577	ug/l	100
61) 1,2-Dibromoethane	11.087	107	34923	20.676	ug/l	99
64) Tetrachloroethene	10.721	164	55056	20.157	ug/l	99
65) Chlorobenzene	11.514	112	129631	20.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	48463	20.104	ug/l	98
67) Ethyl Benzene	11.593	91	232148	19.822	ug/l	99
68) m/p-Xylenes	11.703	106	181585	39.868	ug/l	100
69) o-Xylene	12.026	106	85910	20.272	ug/l	99
70) Styrene	12.044	104	144817	20.352	ug/l	99
71) Bromoform	12.209	173	29615	20.733	ug/l #	97
73) Isopropylbenzene	12.331	105	231215	20.186	ug/l	99
74) N-amyl acetate	12.142	43	48922	20.833	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	41053	21.484	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	56060	29.187	ug/l #	100
77) Bromobenzene	12.611	156	53829	20.313	ug/l	98
78) n-propylbenzene	12.672	91	282335	20.506	ug/l	100
79) 2-Chlorotoluene	12.757	91	155139	20.045	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	200067	20.401	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	14609	20.829	ug/l	99
82) 4-Chlorotoluene	12.855	91	163001	20.355	ug/l	99
83) tert-Butylbenzene	13.074	119	171514	20.636	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	196520	20.369	ug/l	99
85) sec-Butylbenzene	13.251	105	256397	20.659	ug/l	99
86) p-Isopropyltoluene	13.367	119	212723	20.313	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	106745	20.030	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	106039	20.014	ug/l	99
89) n-Butylbenzene	13.696	91	190273	20.071	ug/l	99
90) Hexachloroethane	13.958	117	39872	19.955	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	94578	20.356	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6871	20.923	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	53184	19.459	ug/l	100
94) Hexachlorobutadiene	15.111	225	35141	19.898	ug/l	99
95) Naphthalene	15.233	128	100592	19.490	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	45694	19.774	ug/l	99

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

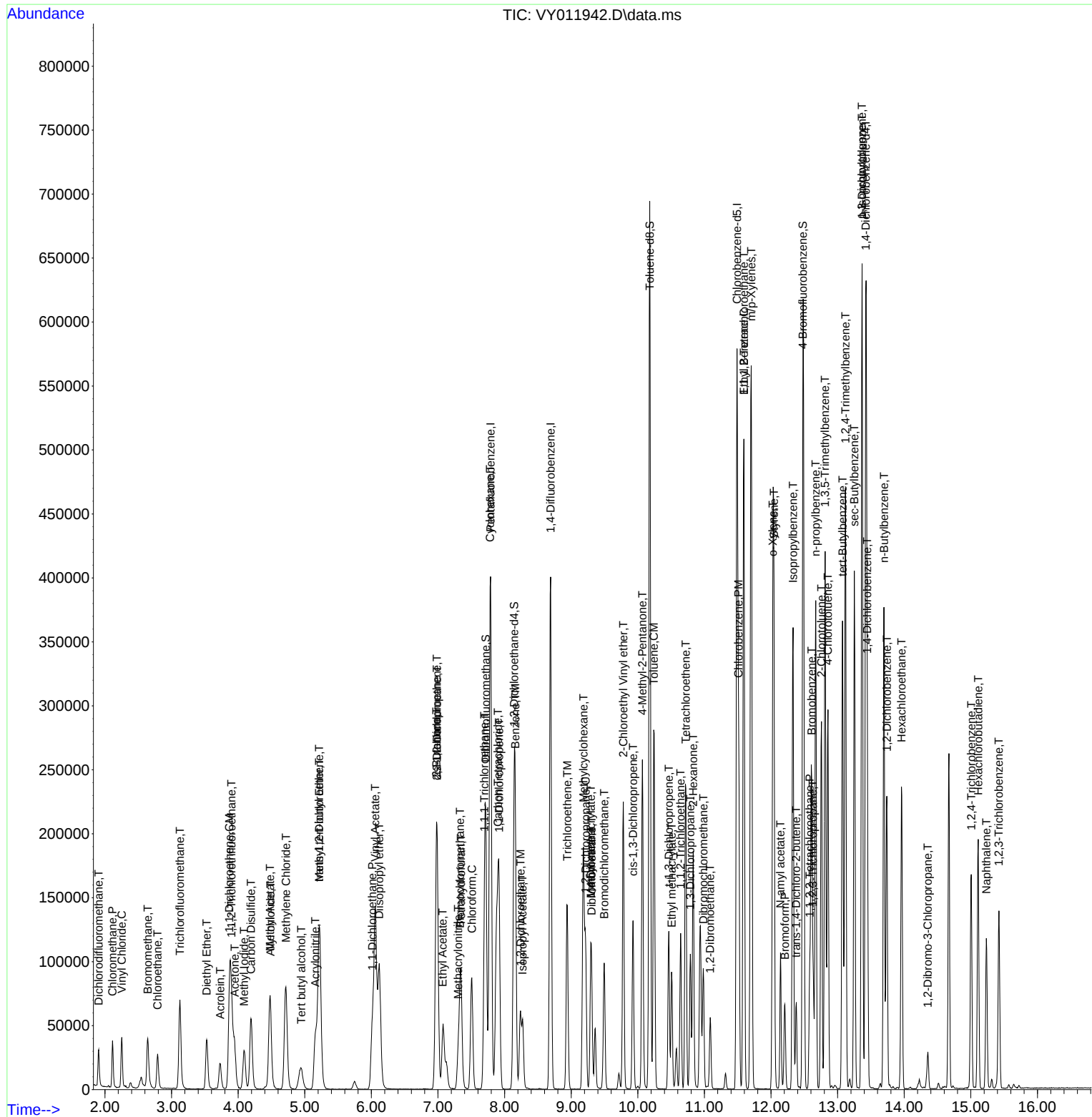
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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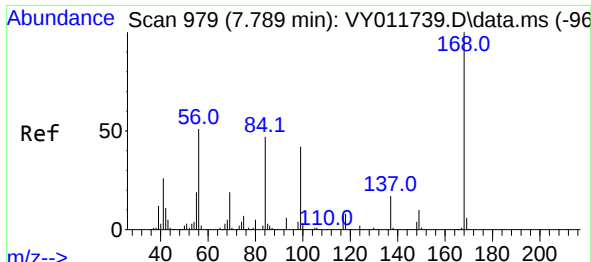
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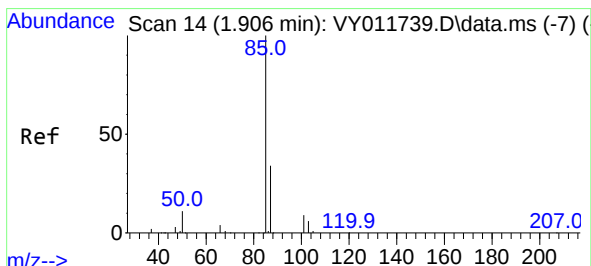
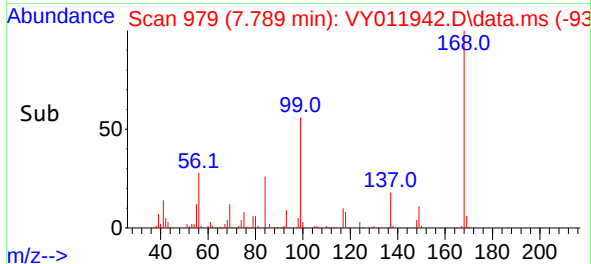
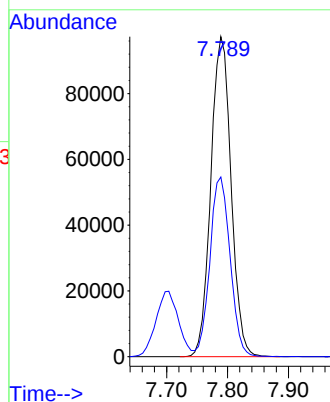
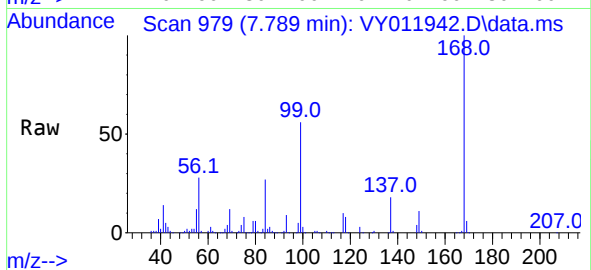




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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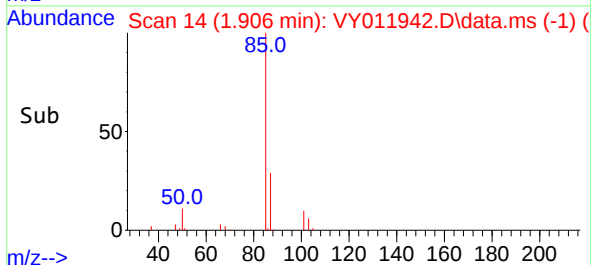
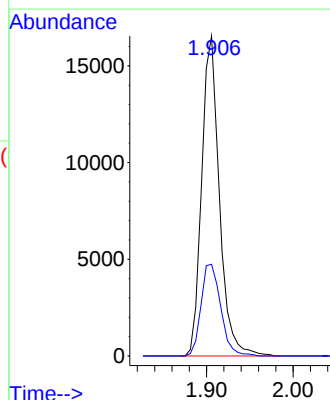
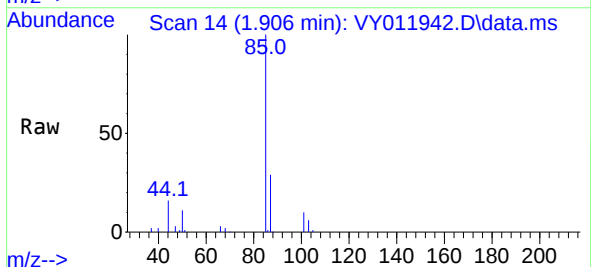
Instrument :
MSVOA_Y
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VY1221SBS01

Tgt Ion:168 Resp: 224581
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0

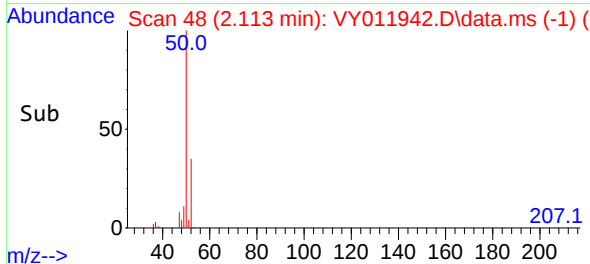
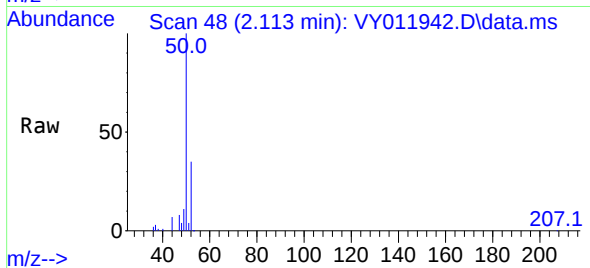
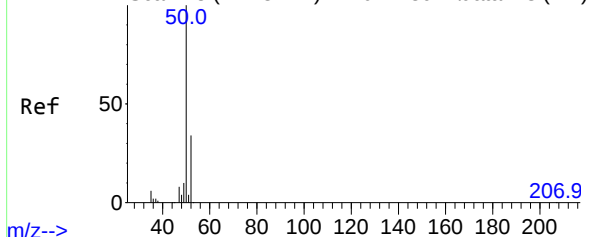


#2
Dichlorodifluoromethane
Concen: 14.938 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 85 Resp: 23498
Ion Ratio Lower Upper
85 100
87 28.6 16.8 50.4



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



#3

Chloromethane

Concen: 15.887 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

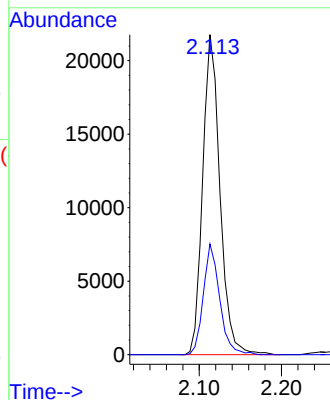
VY1221SBS01

Tgt Ion: 50 Resp: 31754

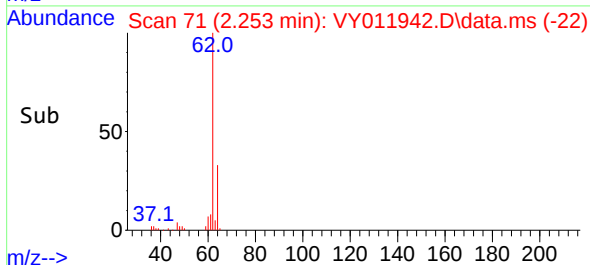
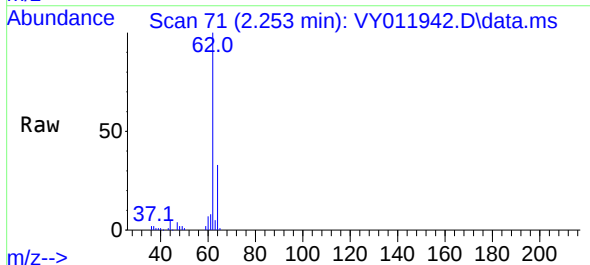
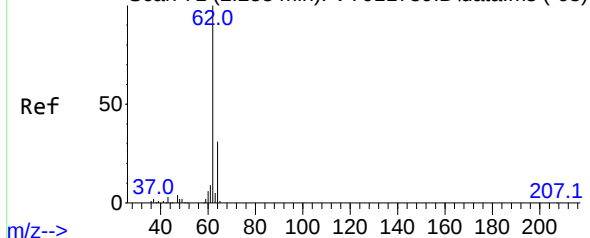
Ion Ratio Lower Upper

50 100

52 34.6 26.8 40.2



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



#4

Vinyl Chloride

Concen: 16.728 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY011942.D

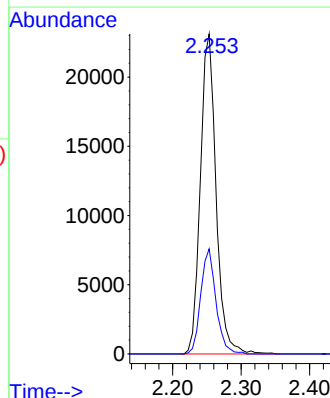
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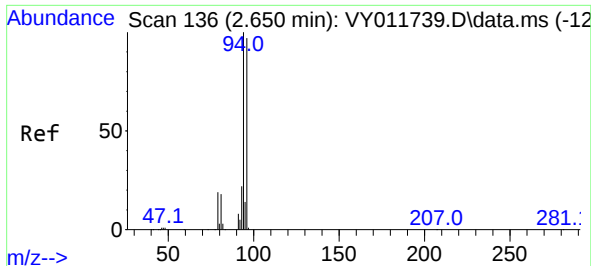
Tgt Ion: 62 Resp: 36873

Ion Ratio Lower Upper

62 100

64 32.9 25.0 37.6

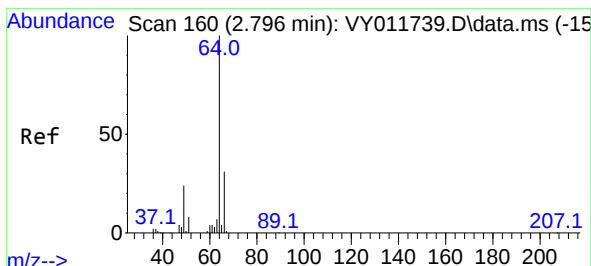
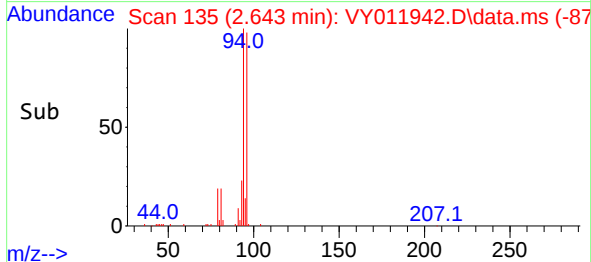
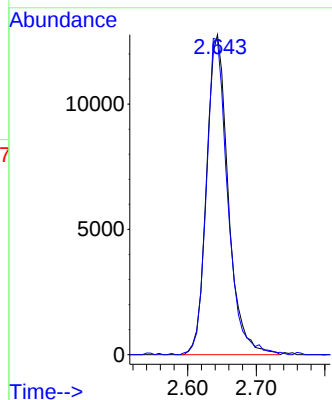
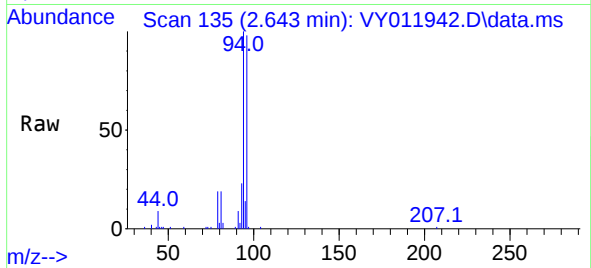




#5
Bromomethane
Concen: 17.955 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

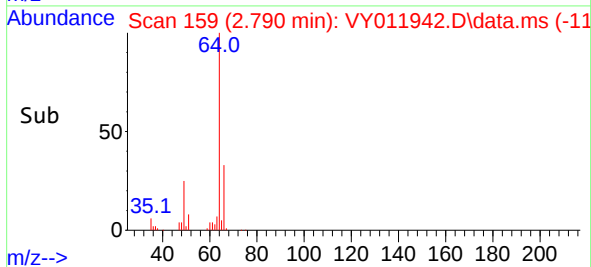
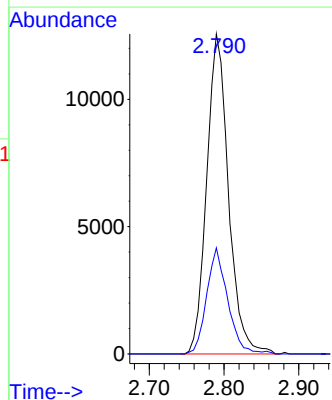
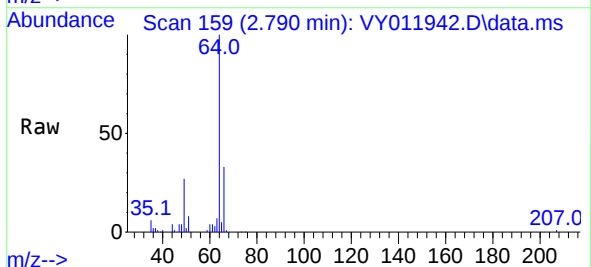
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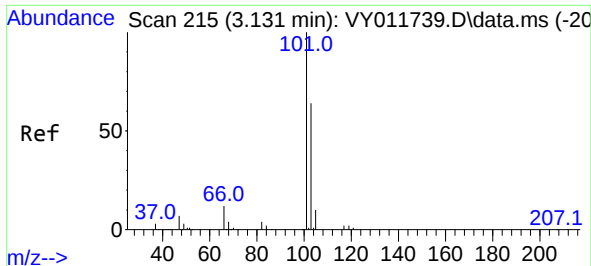
Tgt Ion: 94 Resp: 28158
Ion Ratio Lower Upper
94 100
96 98.4 77.4 116.2



#6
Chloroethane
Concen: 17.686 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 64 Resp: 25482
Ion Ratio Lower Upper
64 100
66 33.2 25.0 37.4

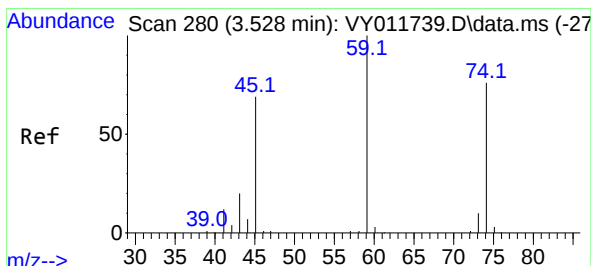
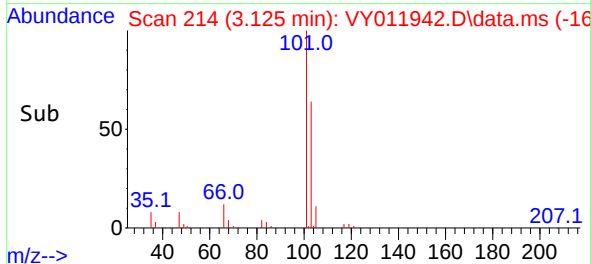
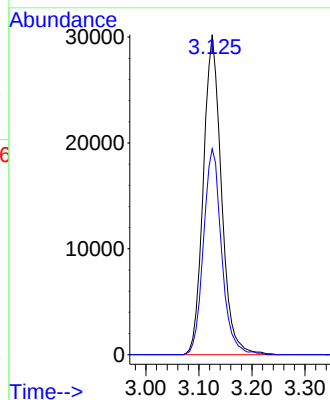
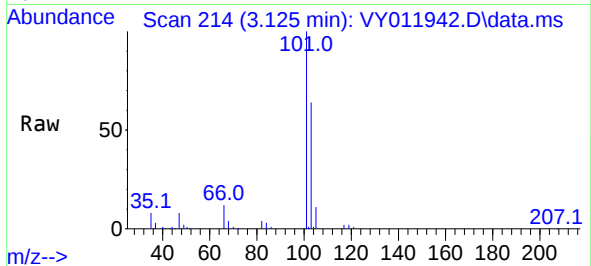




#7
 Trichlorofluoromethane
 Concen: 18.535 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY011942.D
 Acq: 21 Dec 2022 13:25

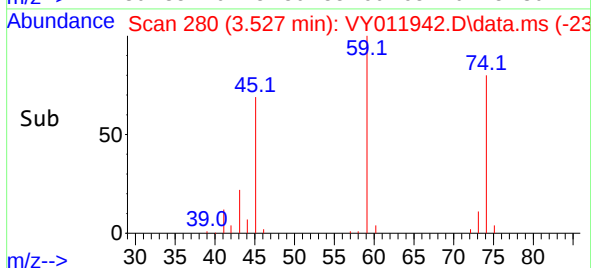
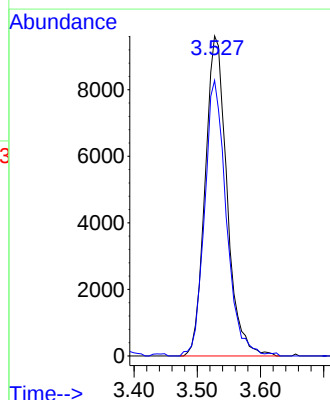
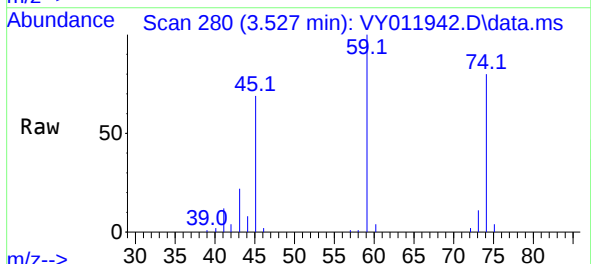
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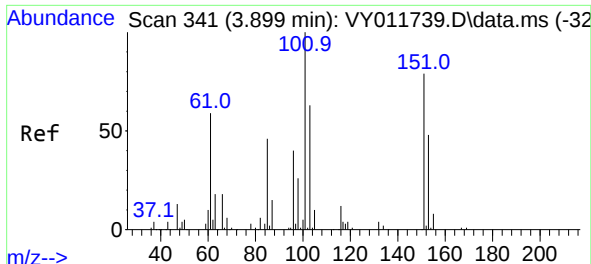
Tgt Ion:101 Resp: 71519
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.6



#8
 Diethyl Ether
 Concen: 19.349 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY011942.D
 Acq: 21 Dec 2022 13:25

Tgt Ion: 74 Resp: 23037
 Ion Ratio Lower Upper
 74 100
 45 85.9 46.8 140.3

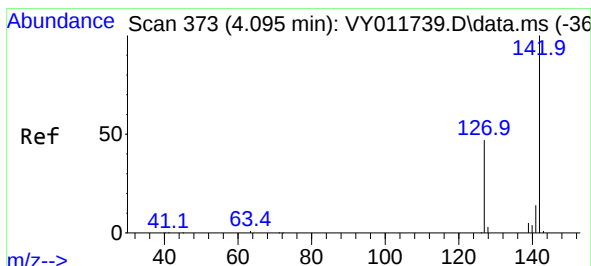
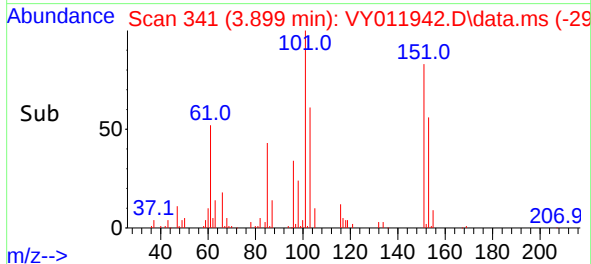
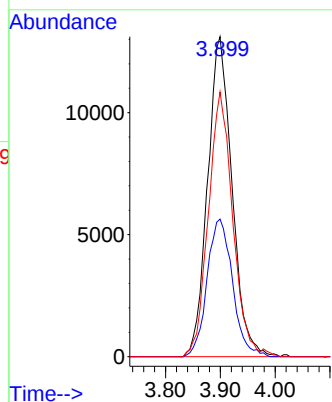
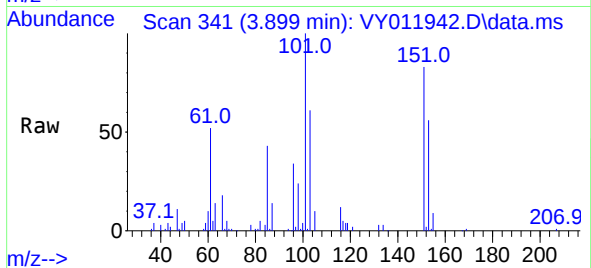




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.083 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

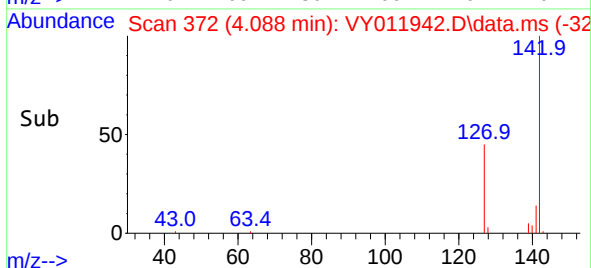
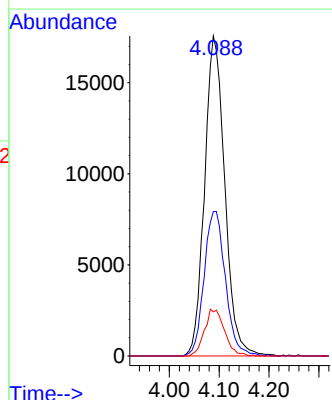
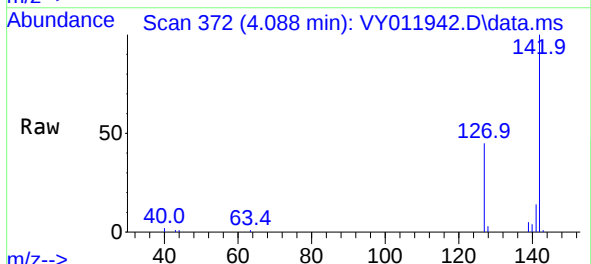
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

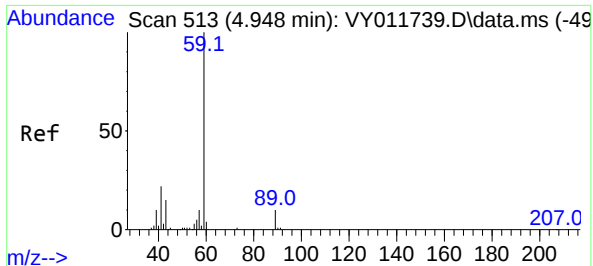
Tgt Ion:	101	Resp:	40535
Ion	Ratio	Lower	Upper
101	100		
85	44.8	36.2	54.2
151	81.9	64.2	96.2



#10
Methyl Iodide
Concen: 16.829 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:	142	Resp:	49460
Ion	Ratio	Lower	Upper
142	100		
127	47.6	37.0	55.4
141	14.5	11.4	17.0

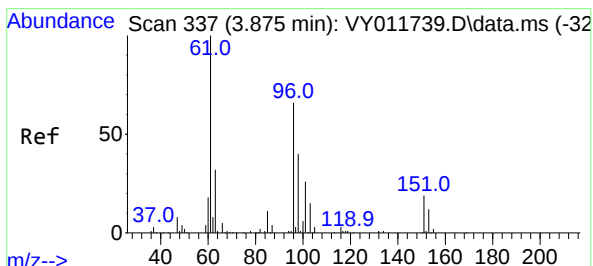
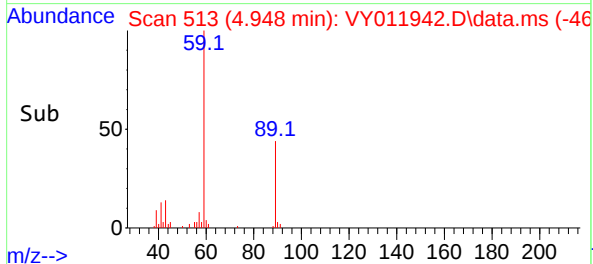
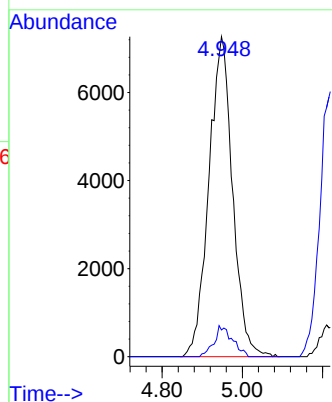
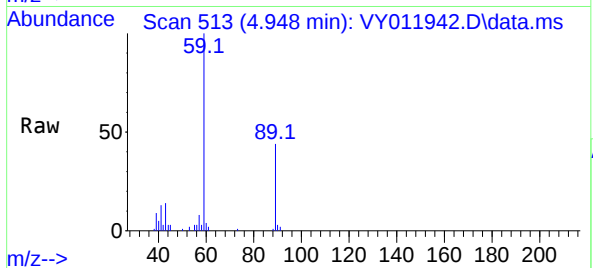




#11
Tert butyl alcohol
Concen: 115.501 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

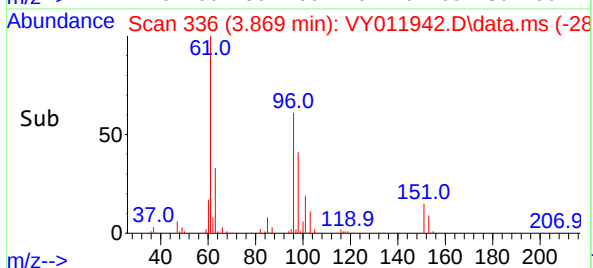
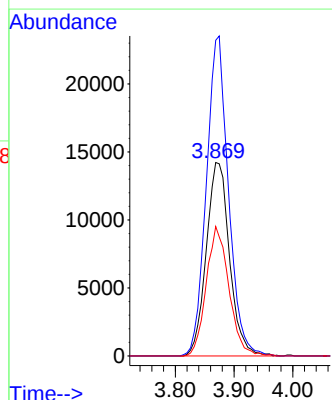
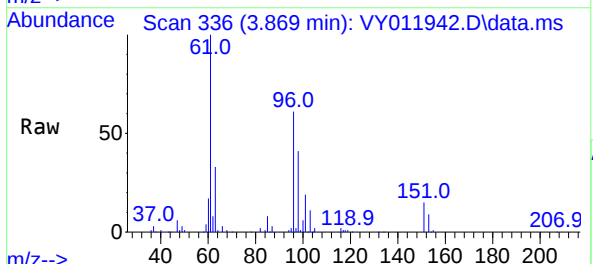
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

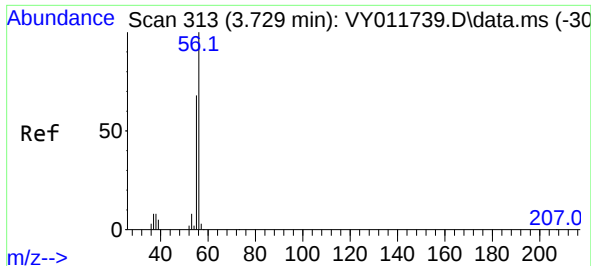
Tgt Ion: 59 Resp: 29844
Ion Ratio Lower Upper
59 100
57 7.4 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 18.418 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 96 Resp: 39134
Ion Ratio Lower Upper
96 100
61 163.2 122.0 183.0
98 66.9 48.6 73.0

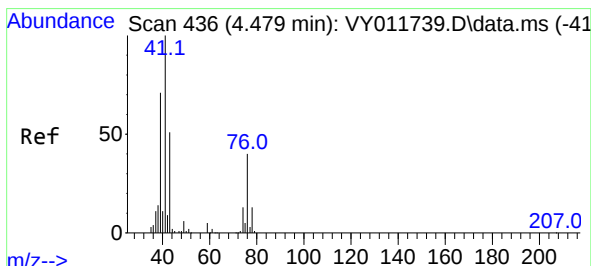
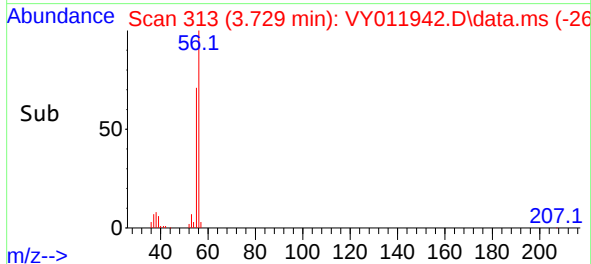
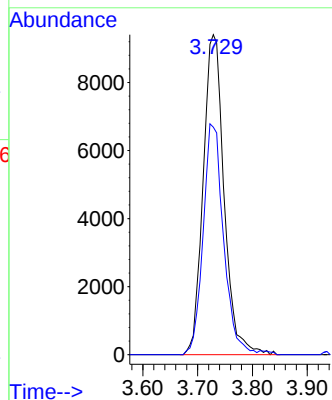
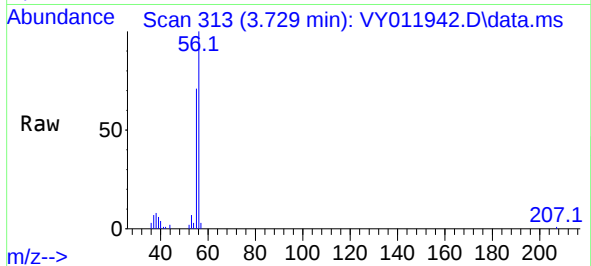




#13
Acrolein
Concen: 117.878 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

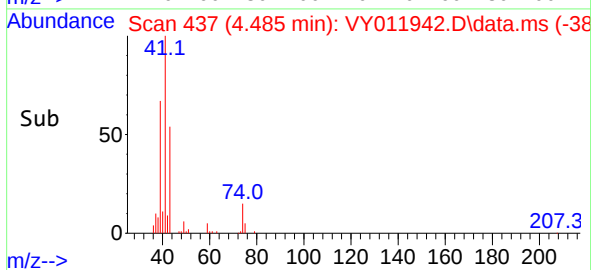
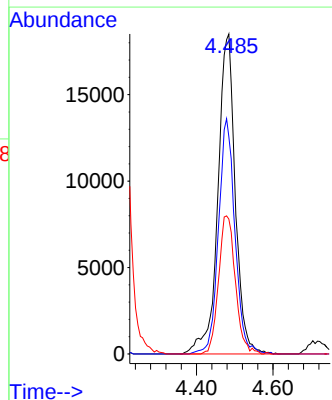
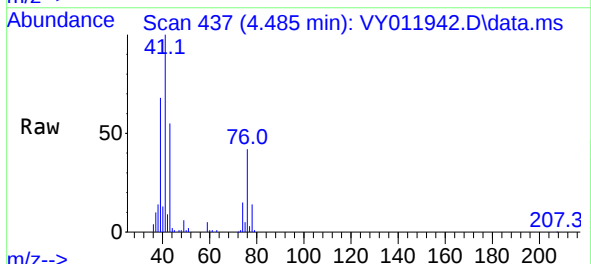
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

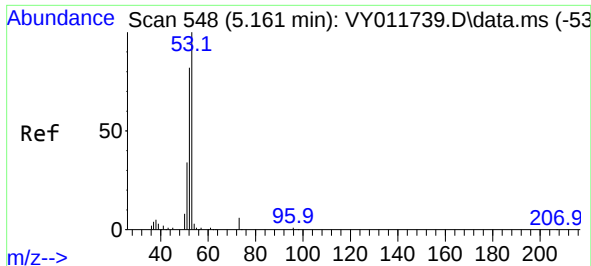
Tgt Ion: 56 Resp: 24932
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0



#14
Allyl chloride
Concen: 18.712 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 41 Resp: 58551
Ion Ratio Lower Upper
41 100
39 69.5 53.5 80.3
76 41.6 31.1 46.7

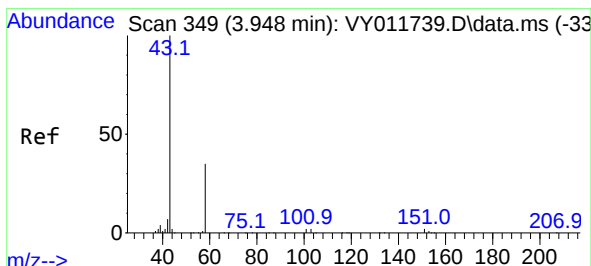
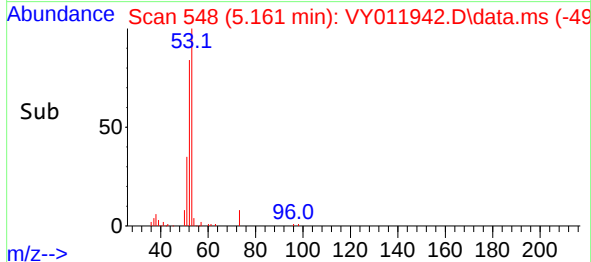
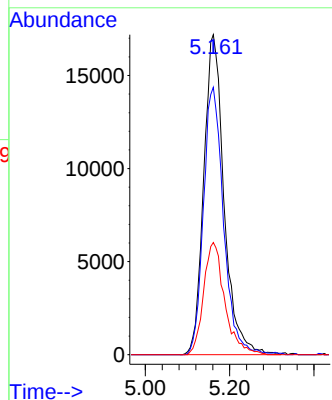
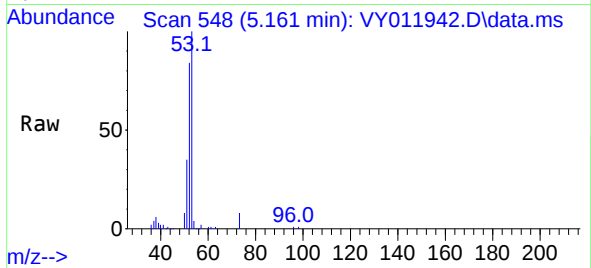




#15
Acrylonitrile
Concen: 103.986 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

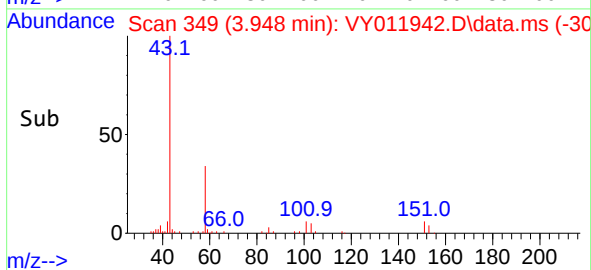
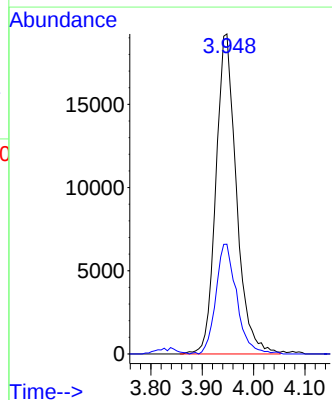
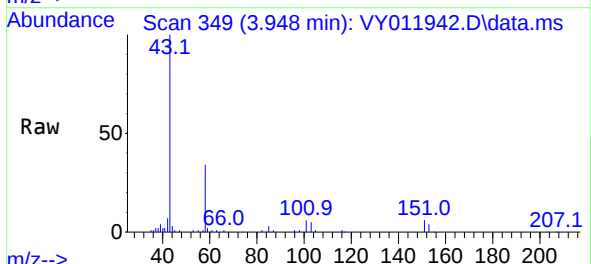
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBSD01

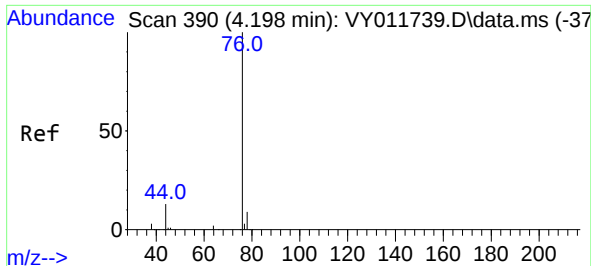
Tgt Ion: 53 Resp: 57591
Ion Ratio Lower Upper
53 100
52 82.8 65.1 97.7
51 36.6 28.7 43.1



#16
Acetone
Concen: 82.208 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 43 Resp: 53279
Ion Ratio Lower Upper
43 100
58 34.0 27.9 41.9

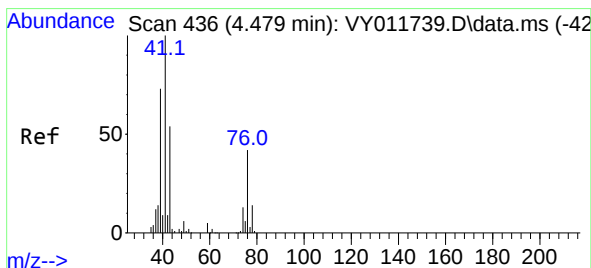
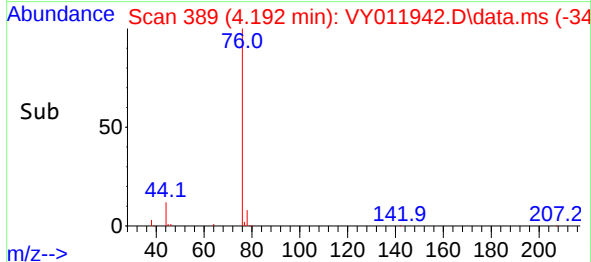
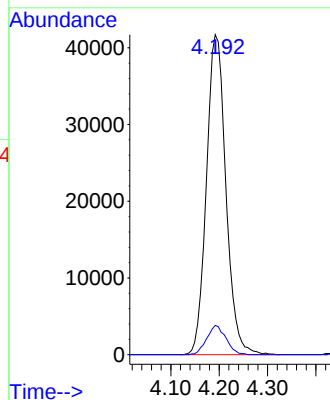
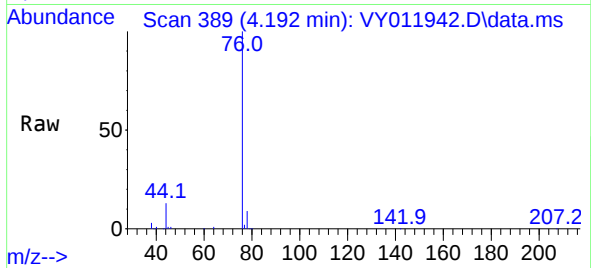




#17
Carbon Disulfide
Concen: 17.217 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

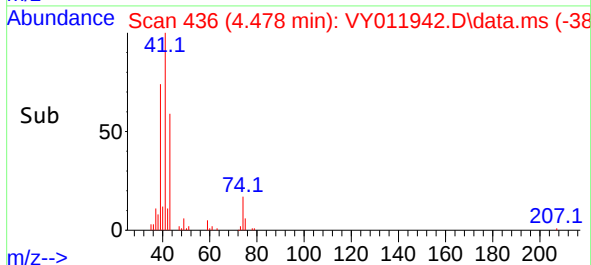
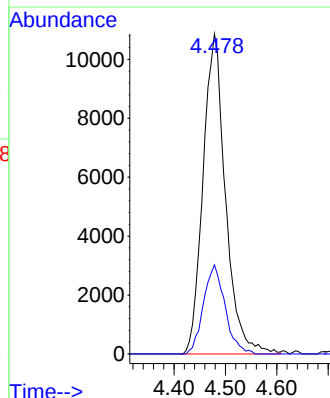
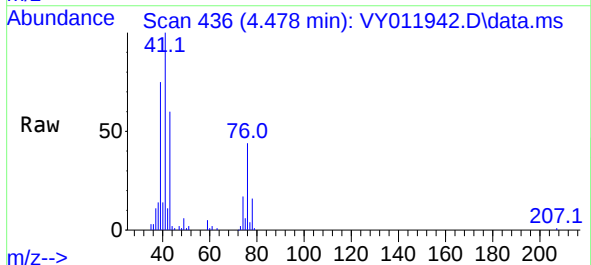
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBSD01

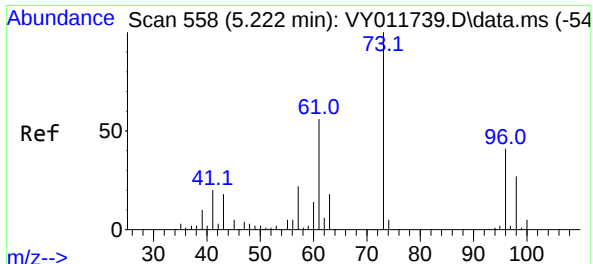
Tgt Ion: 76 Resp: 116691
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 21.100 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 43 Resp: 32988
Ion Ratio Lower Upper
43 100
74 26.7 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 20.182 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

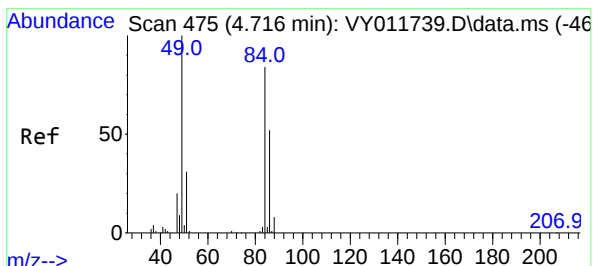
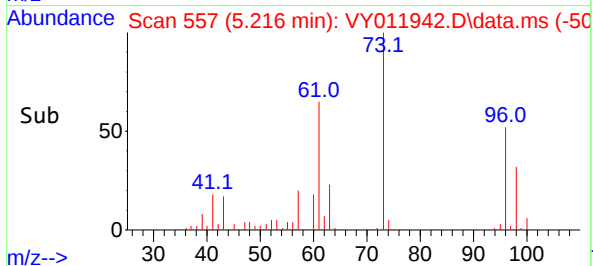
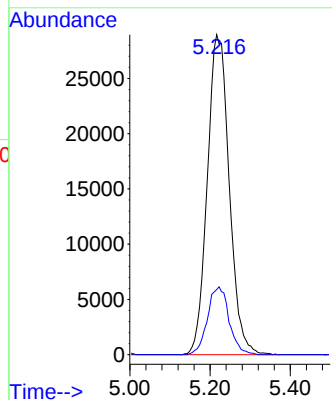
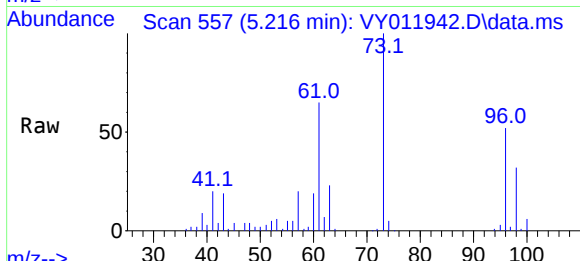
VY1221SBS01

Tgt Ion: 73 Resp: 110027

Ion Ratio Lower Upper

73 100

57 20.4 17.4 26.0



#20

Methylene Chloride

Concen: 21.299 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Tgt Ion: 84 Resp: 64454

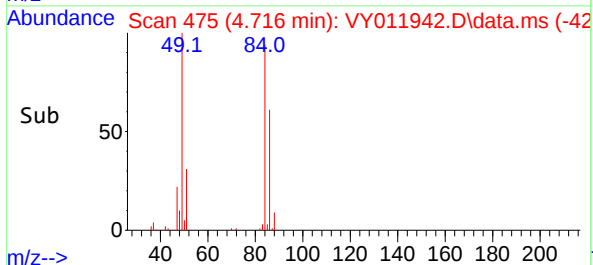
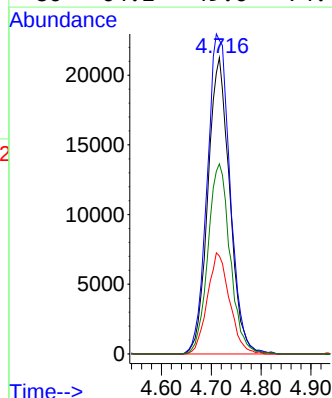
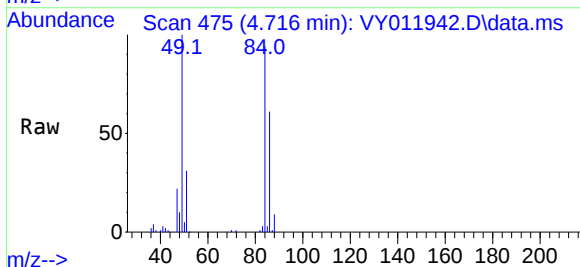
Ion Ratio Lower Upper

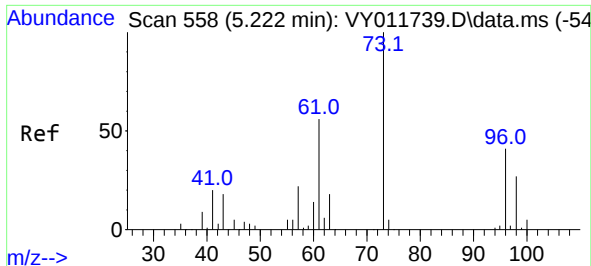
84 100

49 105.8 95.4 143.2

51 33.0 29.9 44.9

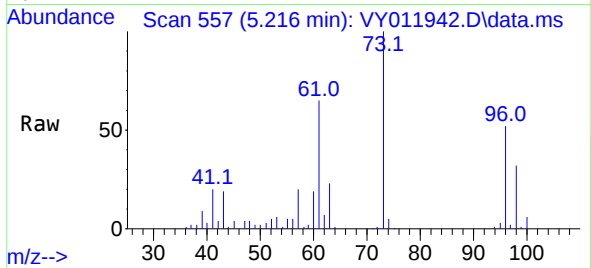
86 64.2 49.6 74.4



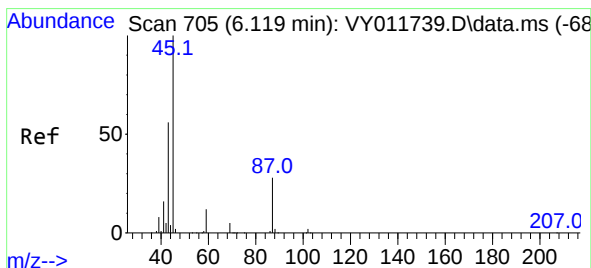
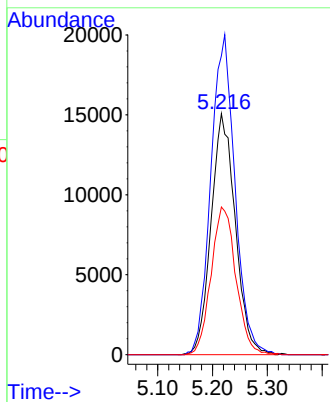
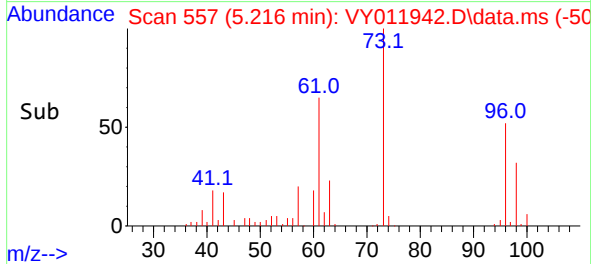


#21
trans-1,2-Dichloroethene
Concen: 19.156 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBSD01

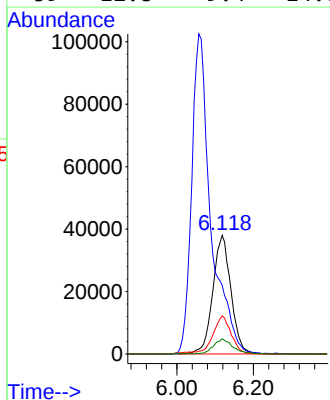
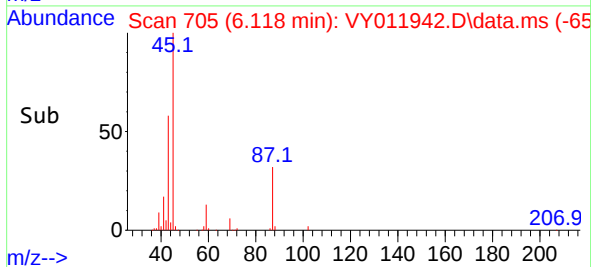
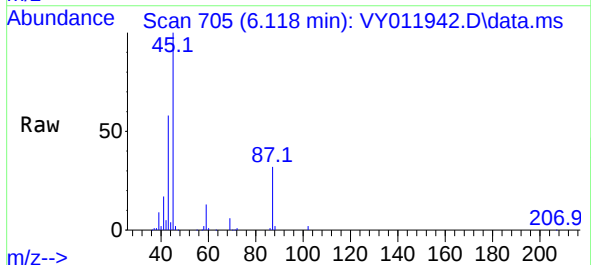


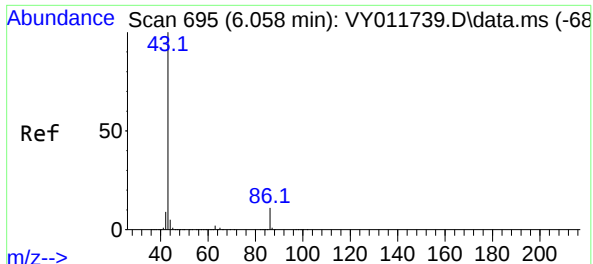
Tgt Ion: 96 Resp: 46248
Ion Ratio Lower Upper
96 100
61 124.1 108.0 162.0
98 61.3 51.6 77.4



#22
Diisopropyl ether
Concen: 20.291 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 45 Resp: 125048
Ion Ratio Lower Upper
45 100
43 57.4 45.0 67.4
87 32.1 22.6 33.8
59 12.8 9.4 14.0

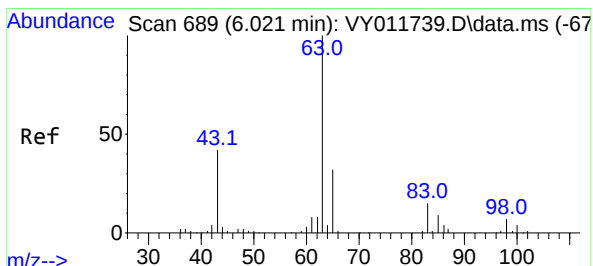
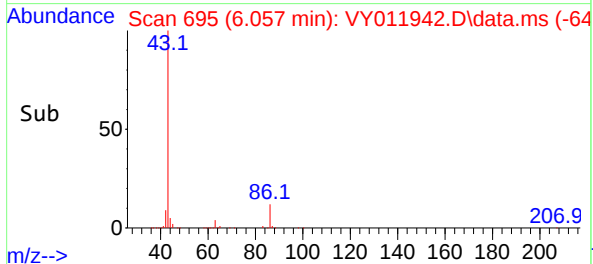
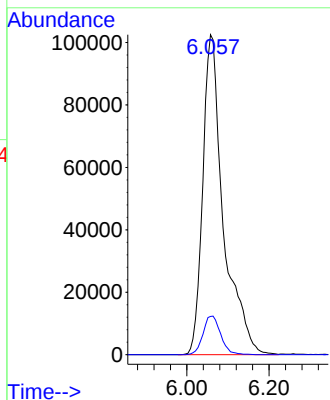
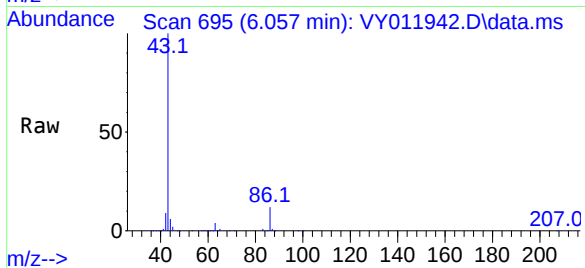




#23
 Vinyl Acetate
 Concen: 100.826 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY011942.D
 Acq: 21 Dec 2022 13:25

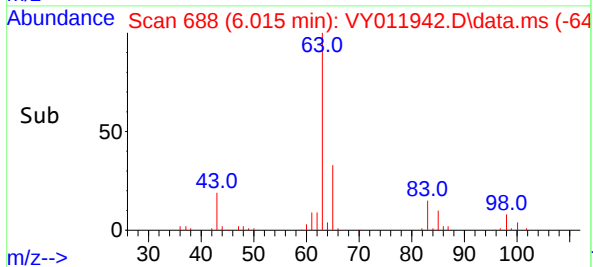
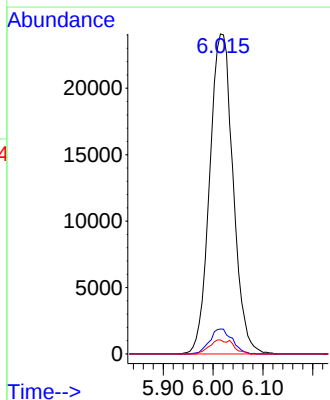
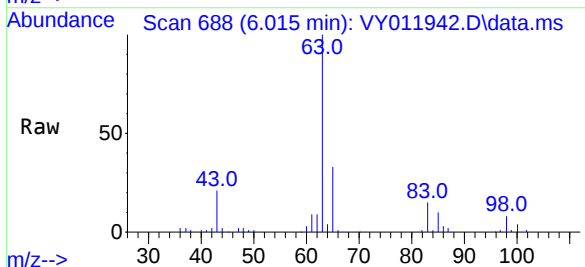
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS01

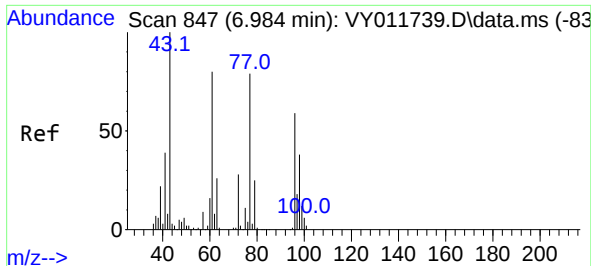
Tgt Ion: 43 Resp: 357489
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 19.575 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011942.D
 Acq: 21 Dec 2022 13:25

Tgt Ion: 63 Resp: 78415
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.5
 100 4.4 2.2 6.6

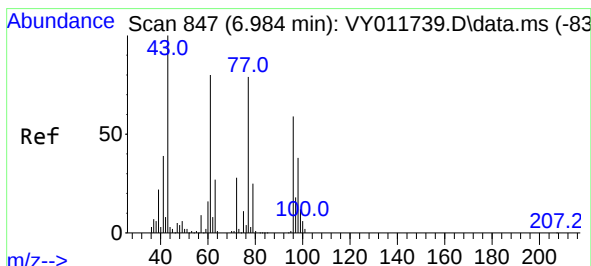
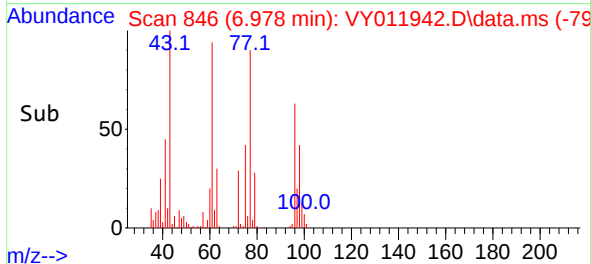
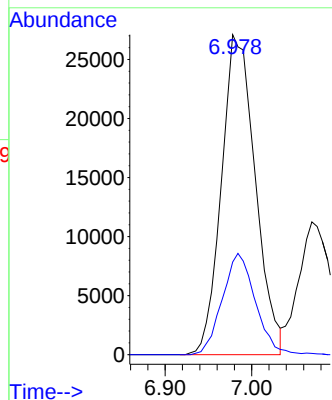
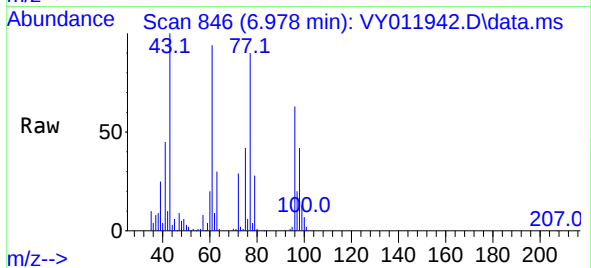




#25
2-Butanone
Concen: 97.647 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

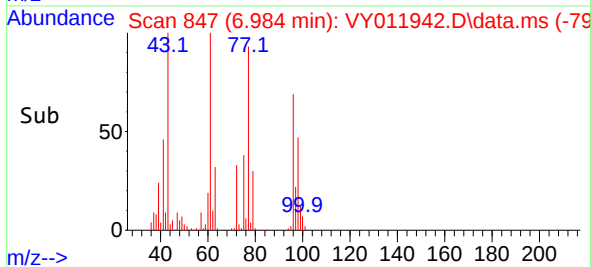
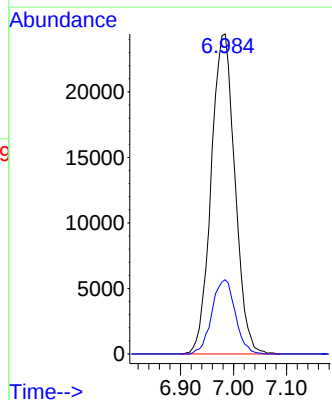
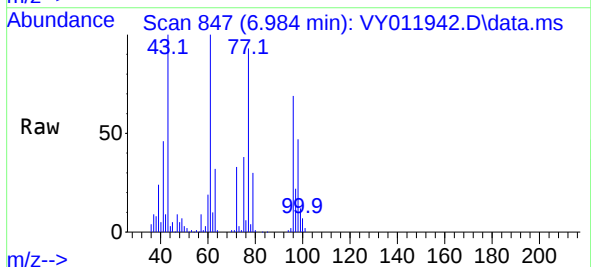
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

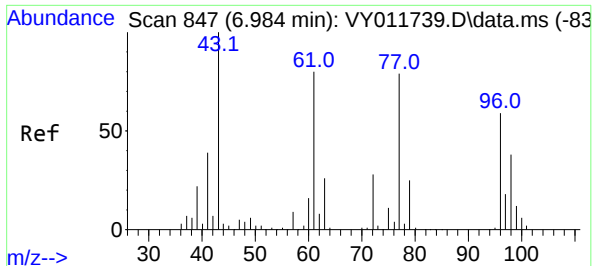
Tgt Ion: 43 Resp: 73596
Ion Ratio Lower Upper
43 100
72 29.0 22.6 34.0



#26
2,2-Dichloropropane
Concen: 19.336 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 77 Resp: 75794
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1

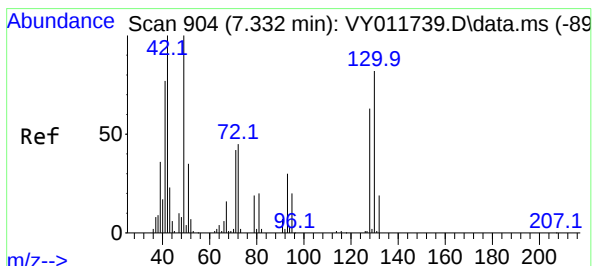
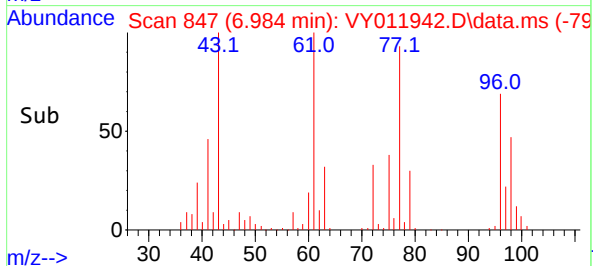
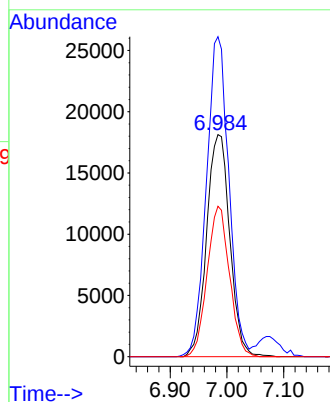
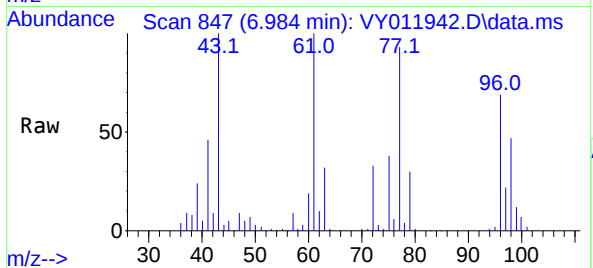




#27
 cis-1,2-Dichloroethene
 Concen: 19.669 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY011942.D
 Acq: 21 Dec 2022 13:25

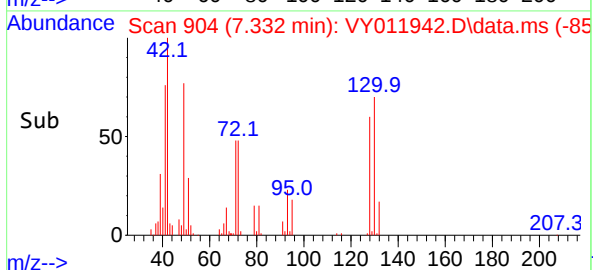
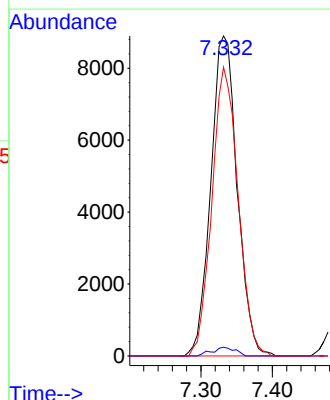
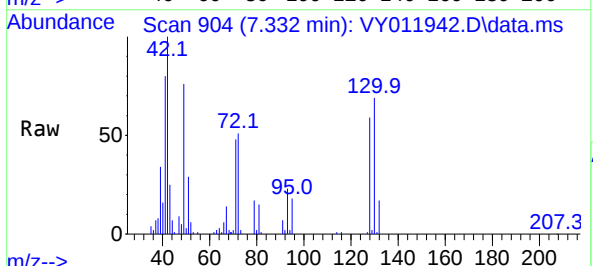
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS01

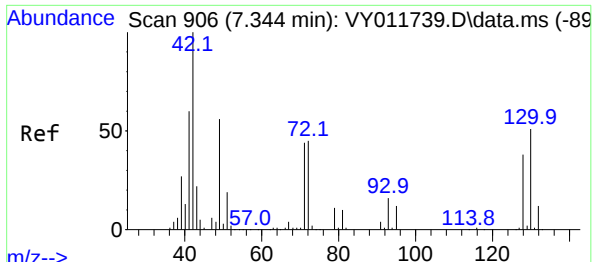
Tgt Ion: 96	Resp: 51361		
Ion Ratio	Lower	Upper	
96	100		
61	139.7	0.0	283.4
98	65.5	0.0	127.6



#28
 Bromochloromethane
 Concen: 20.766 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011942.D
 Acq: 21 Dec 2022 13:25

Tgt Ion: 49	Resp: 22827
Ion Ratio	Lower Upper
49 100	
129 2.4	0.0 4.6
130 89.2	66.7 100.1

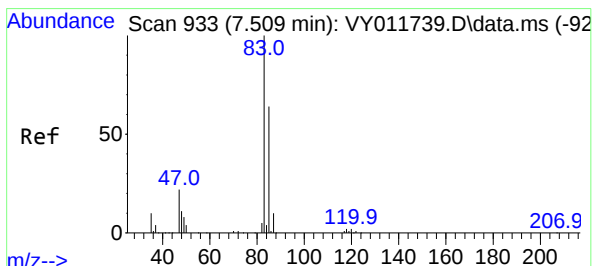
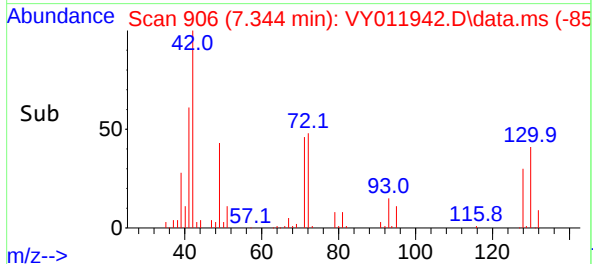
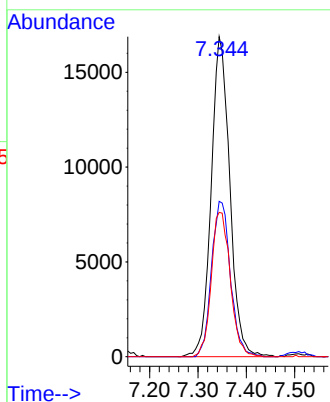
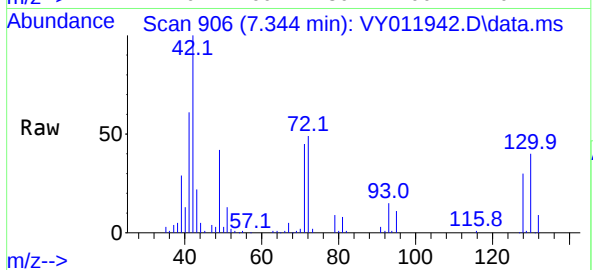




#29
Tetrahydrofuran
Concen: 105.624 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

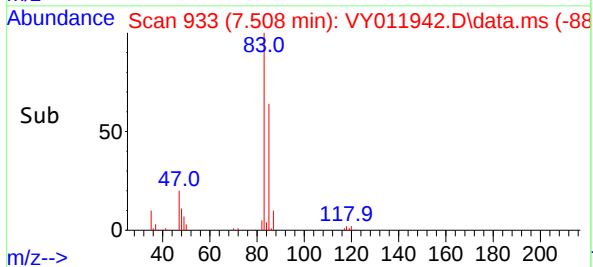
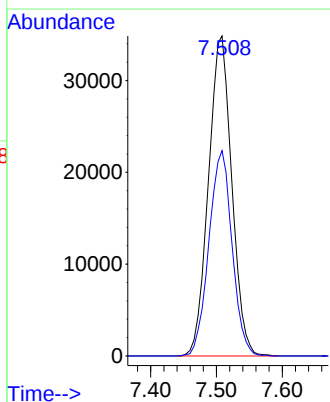
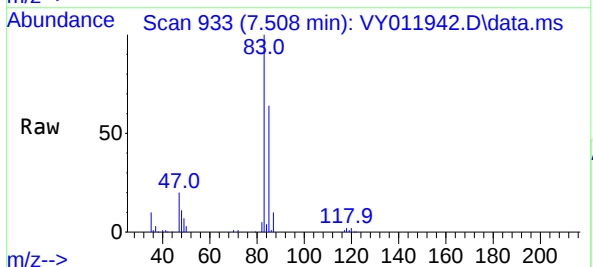
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

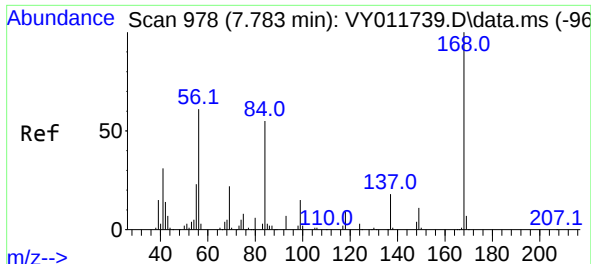
Tgt Ion:	42	Resp:	45104
Ion	Ratio	Lower	Upper
42	100		
72	49.3	37.0	55.6
71	46.1	34.9	52.3



#30
Chloroform
Concen: 19.933 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:	83	Resp:	86064
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.5	77.3

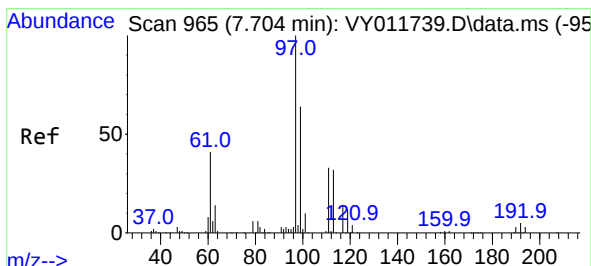
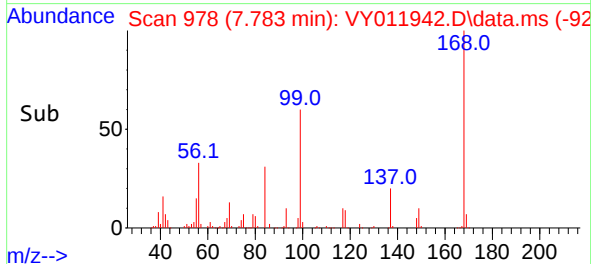
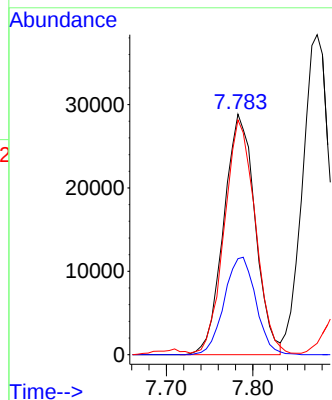
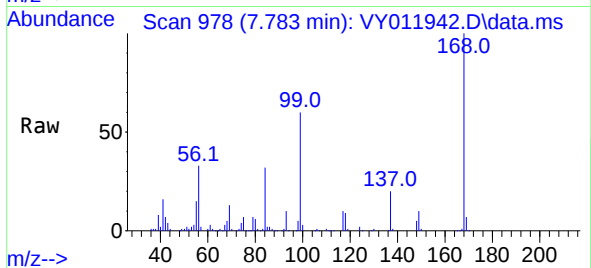




#31
Cyclohexane
Concen: 19.110 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

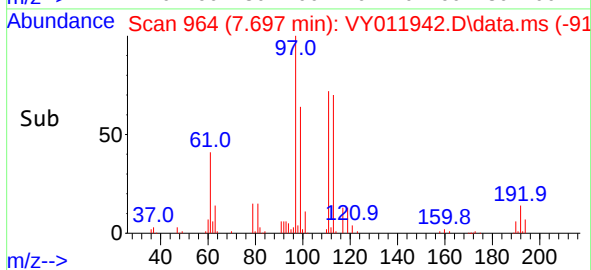
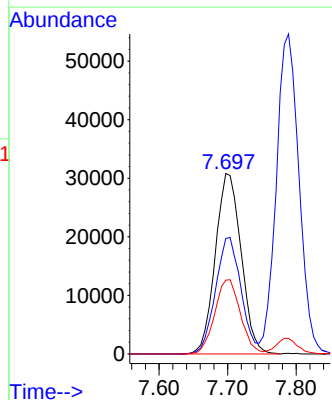
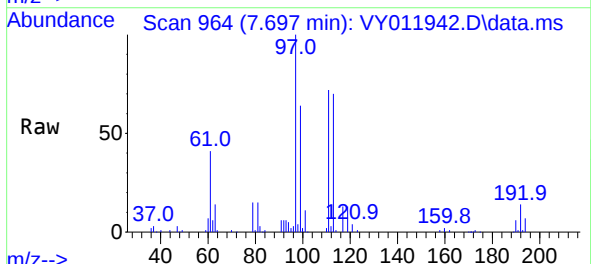
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

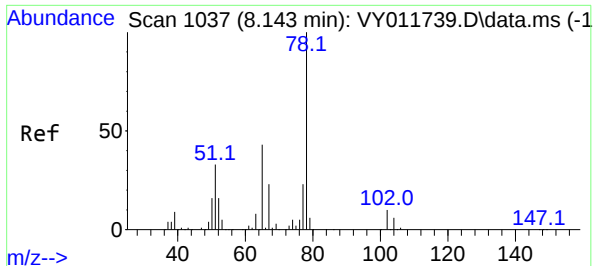
Tgt Ion: 56 Resp: 72790
Ion Ratio Lower Upper
56 100
69 39.9 29.2 43.8
84 96.4 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 19.611 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 97 Resp: 80537
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 41.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 53.674 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

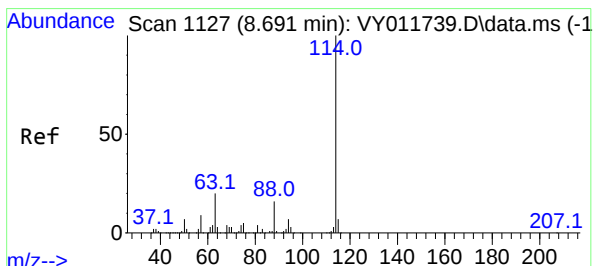
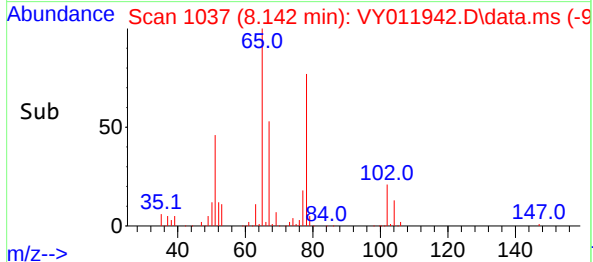
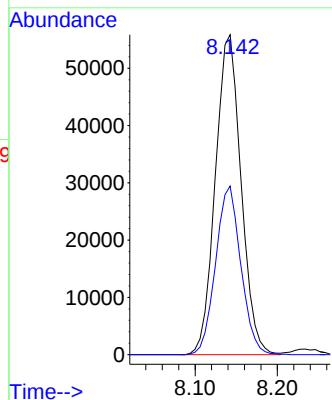
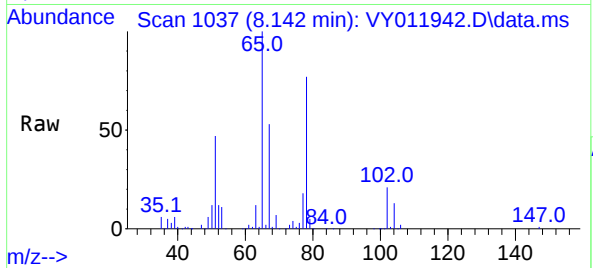
VY1221SBS01

Tgt Ion: 65 Resp: 121442

Ion Ratio Lower Upper

65 100

67 51.7 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: VY011942.D

Acq: 21 Dec 2022 13:25

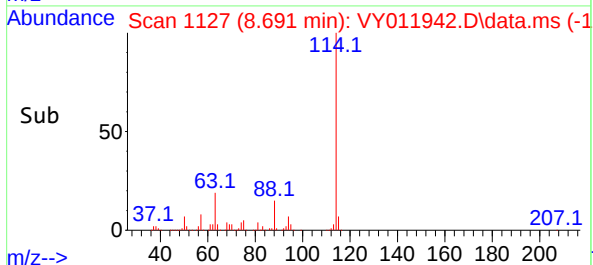
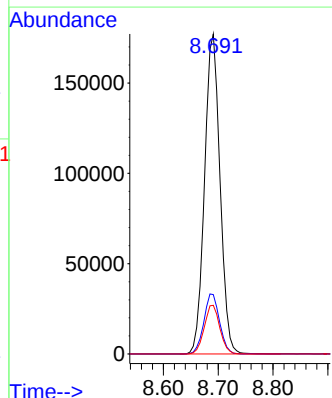
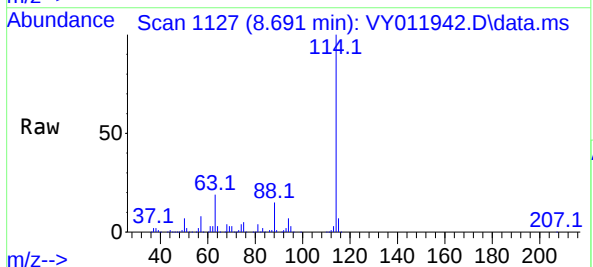
Tgt Ion: 114 Resp: 345902

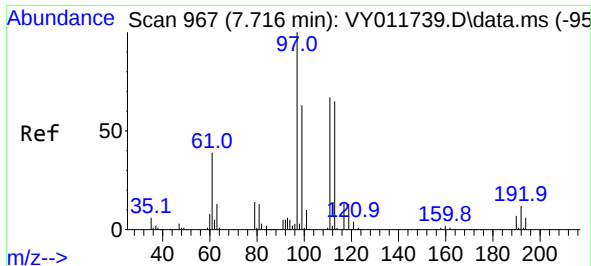
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.2 0.0 32.2

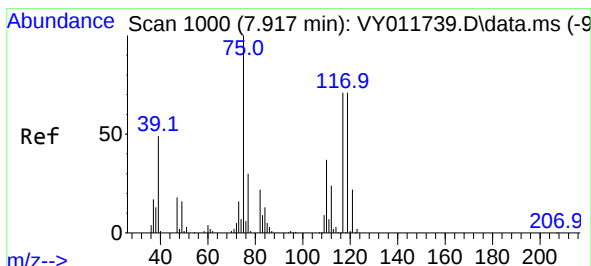
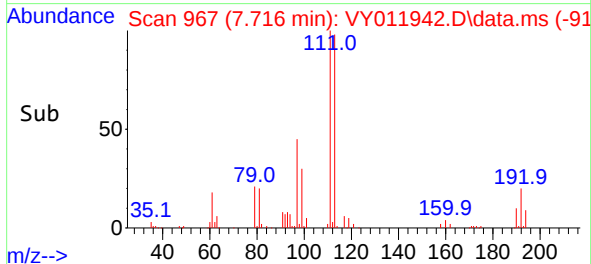
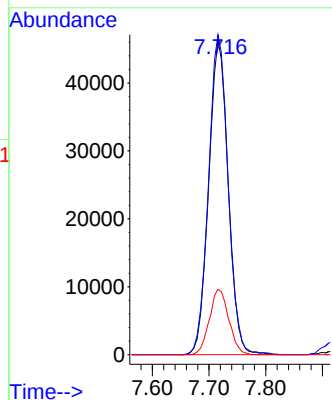
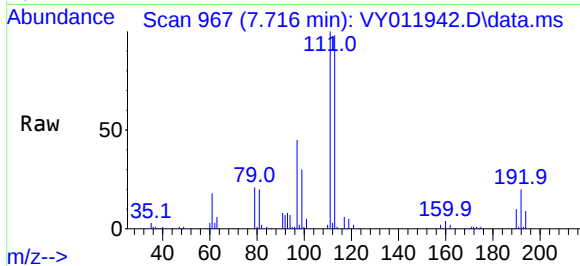




#35
Dibromofluoromethane
Concen: 52.967 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

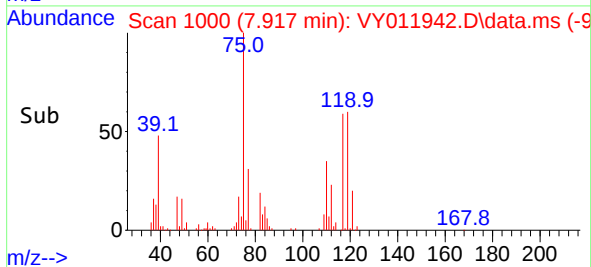
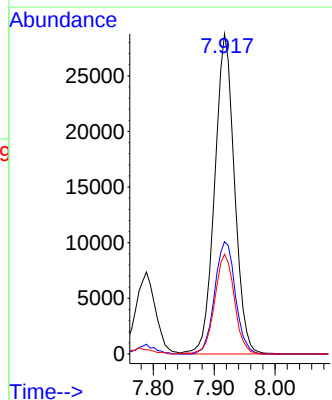
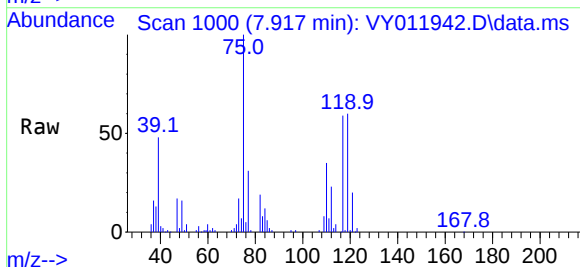
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

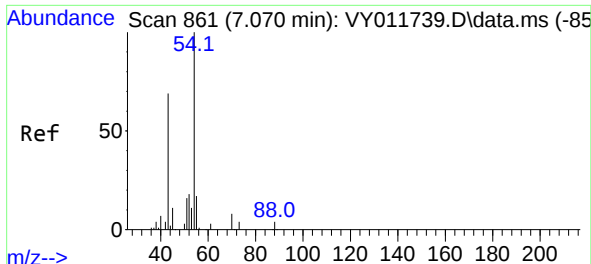
Tgt Ion:113 Resp: 110299
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 20.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 19.421 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 75 Resp: 64870
Ion Ratio Lower Upper
75 100
110 36.6 18.1 54.1
77 31.1 25.1 37.7

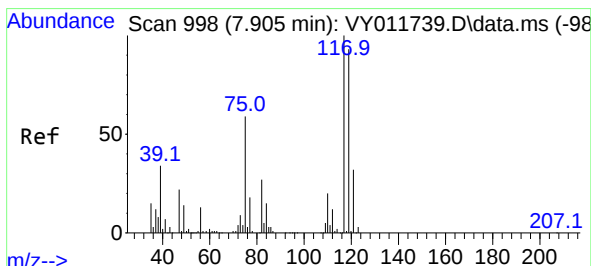
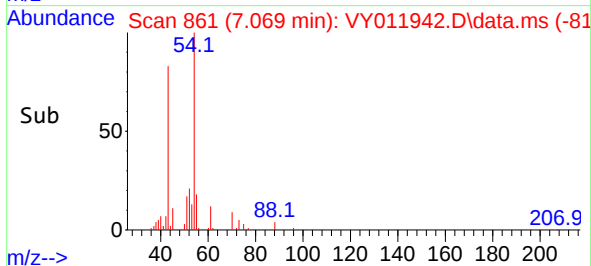
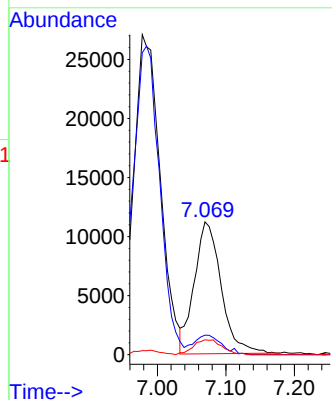
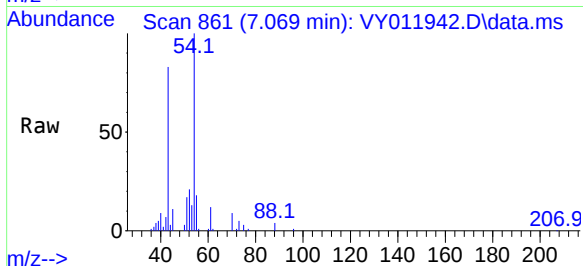




#37
Ethyl Acetate
Concen: 20.298 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.001 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

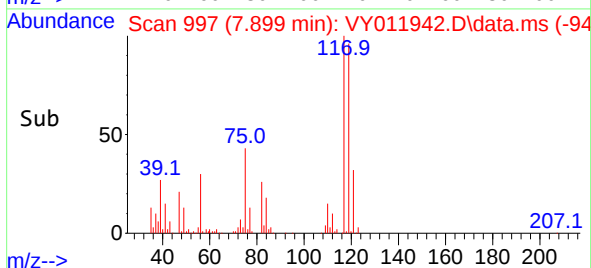
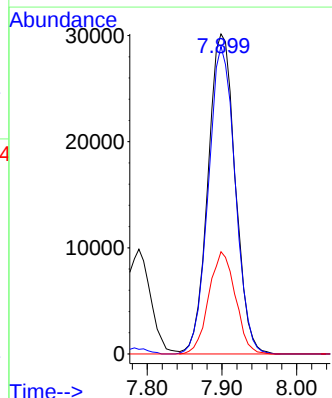
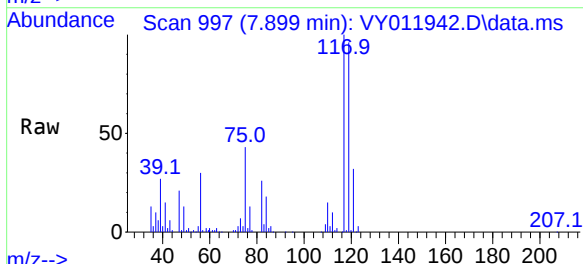
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

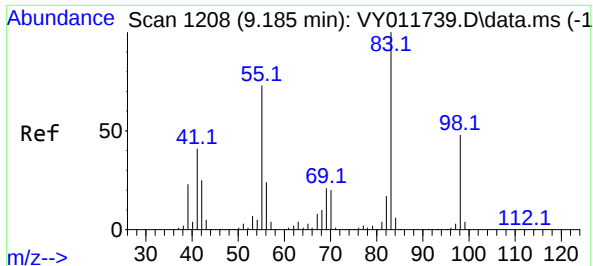
Tgt Ion: 43 Resp: 30419
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 12.0 8.2 12.4



#38
Carbon Tetrachloride
Concen: 19.746 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 117 Resp: 76177
Ion Ratio Lower Upper
117 100
119 96.1 73.8 110.8
121 32.0 25.2 37.8





#39

Methylcyclohexane

Concen: 19.557 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS01

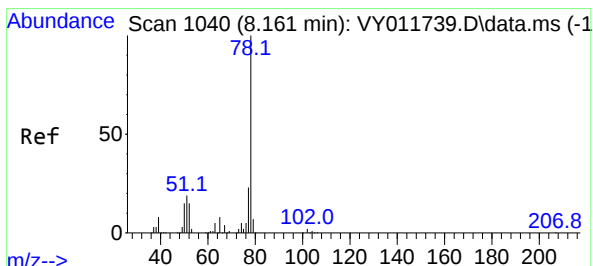
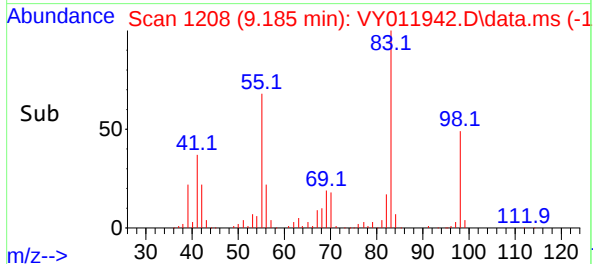
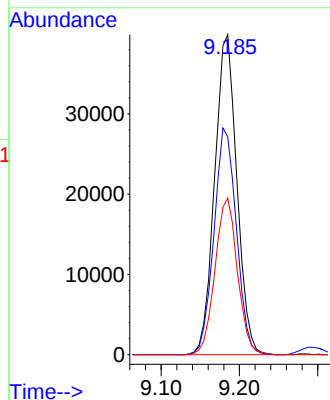
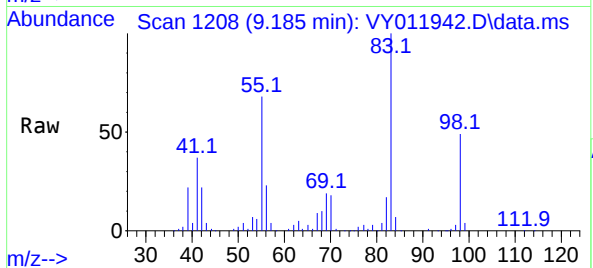
Tgt Ion: 83 Resp: 78604

Ion Ratio Lower Upper

83 100

55 68.1 58.2 87.2

98 48.9 38.6 58.0



#40

Benzene

Concen: 19.474 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011942.D

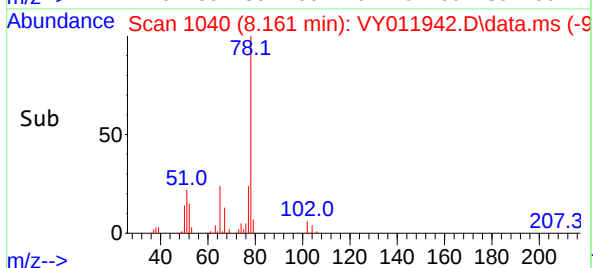
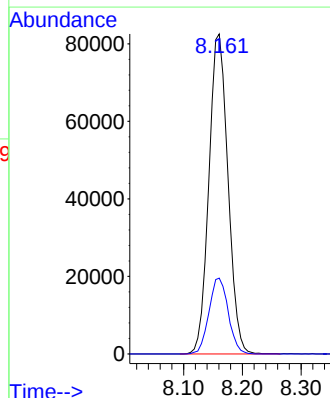
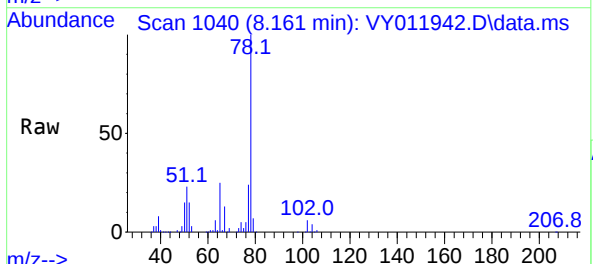
Acq: 21 Dec 2022 13:25

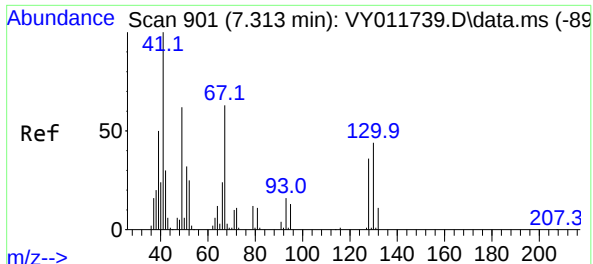
Tgt Ion: 78 Resp: 186153

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8

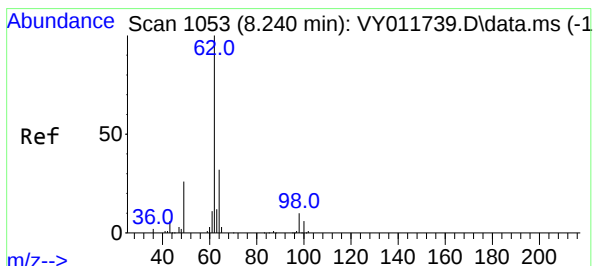
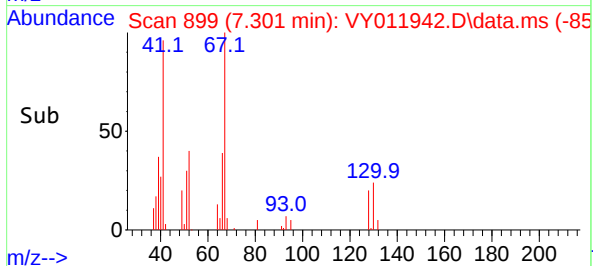
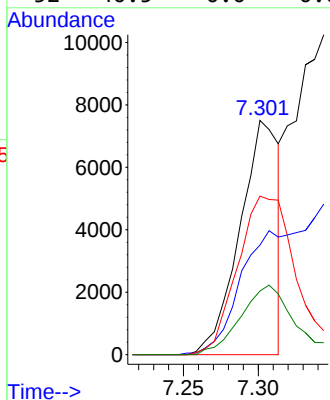
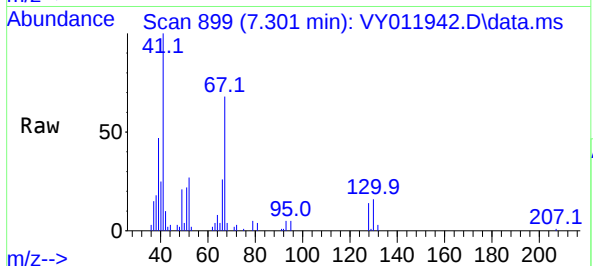




#41
Methacrylonitrile
Concen: 18.855 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

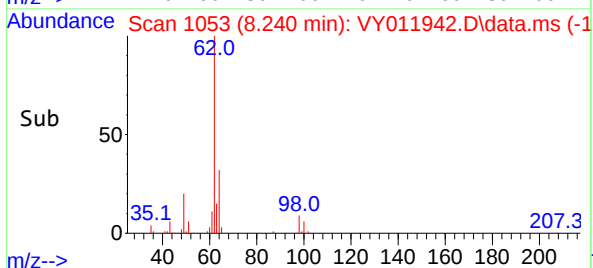
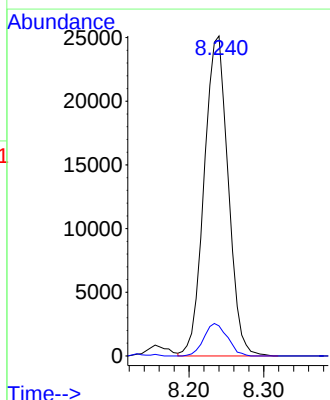
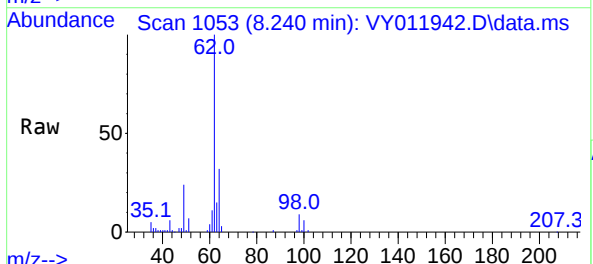
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

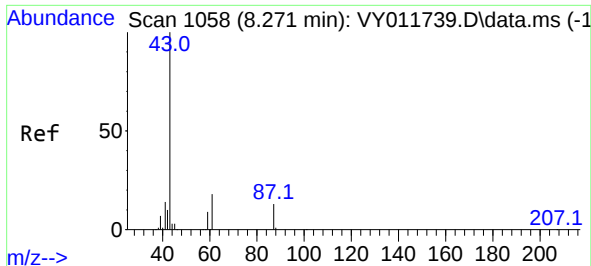
Tgt Ion: 41 Resp: 13664
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 102.0 0.0 0.0#
52 40.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.340 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 62 Resp: 55972
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.6

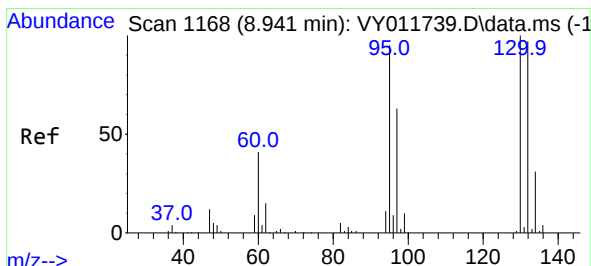
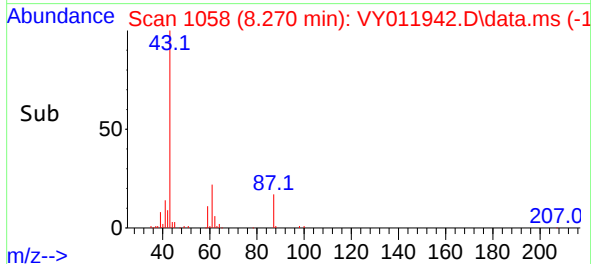
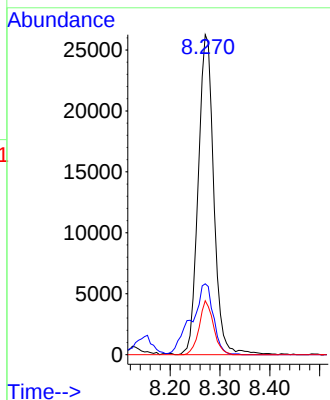
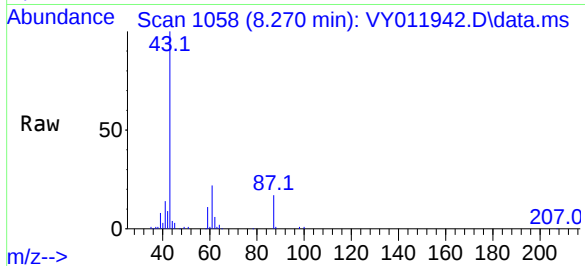




#43
Isopropyl Acetate
Concen: 20.778 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

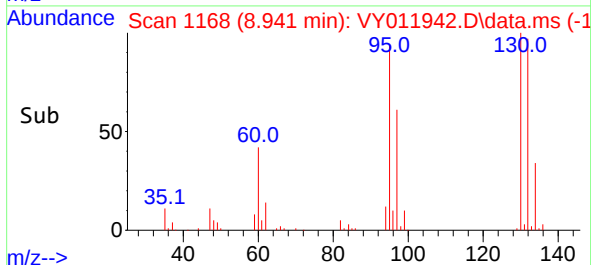
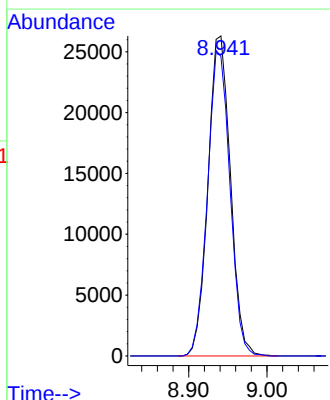
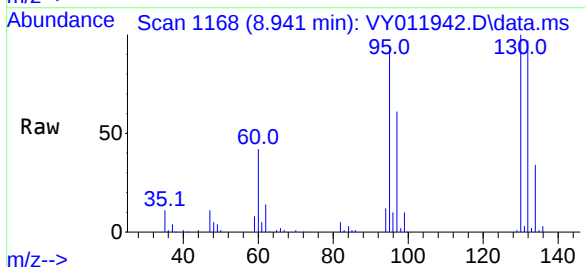
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

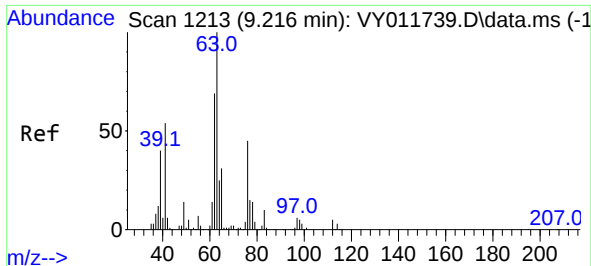
Tgt Ion: 43 Resp: 56871
Ion Ratio Lower Upper
43 100
61 31.1 24.4 36.6
87 15.5 11.4 17.2



#44
Trichloroethene
Concen: 19.401 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 130 Resp: 52275
Ion Ratio Lower Upper
130 100
95 93.6 0.0 190.6





#45

1,2-Dichloropropane

Concen: 19.734 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

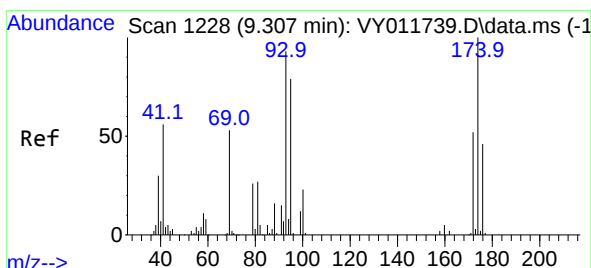
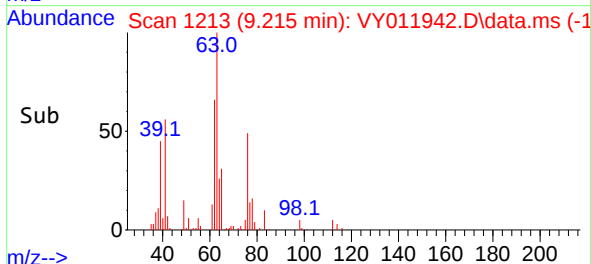
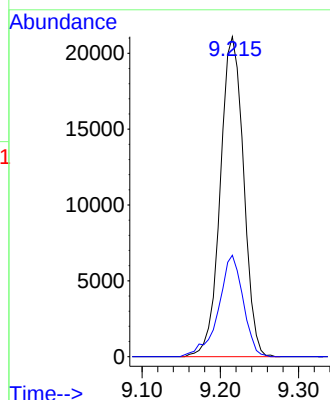
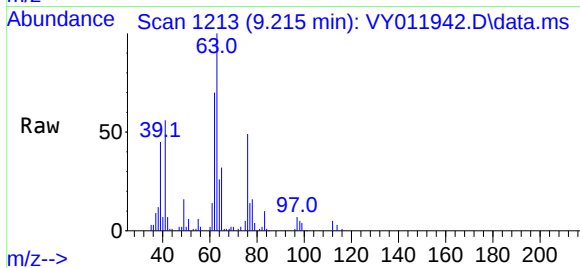
VY1221SBS01

Tgt Ion: 63 Resp: 43585

Ion Ratio Lower Upper

63 100

65 31.7 24.9 37.3



#46

Dibromomethane

Concen: 20.397 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

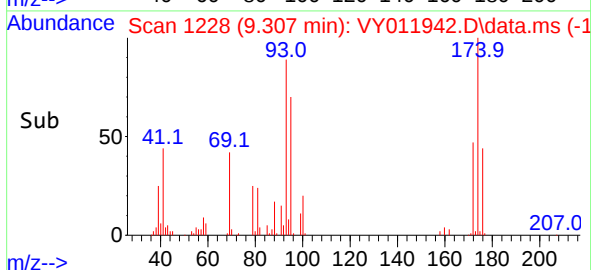
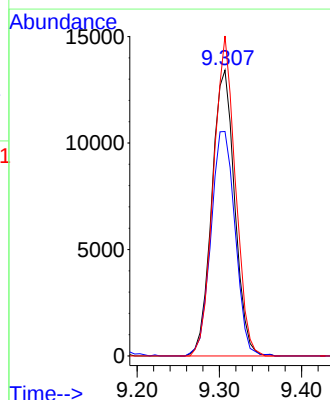
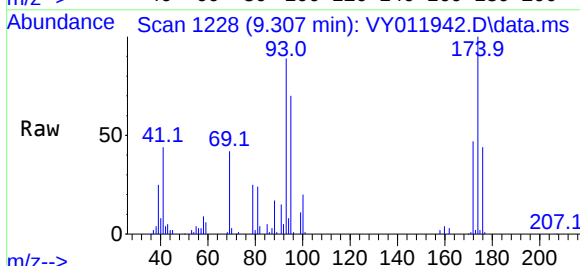
Tgt Ion: 93 Resp: 25950

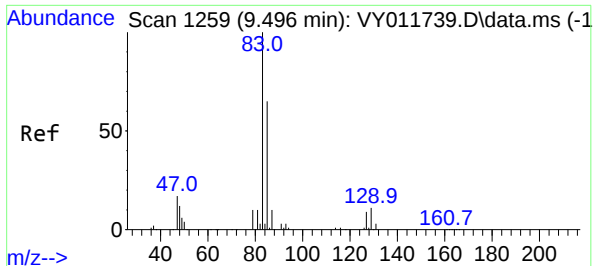
Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

174 107.2 84.7 127.1

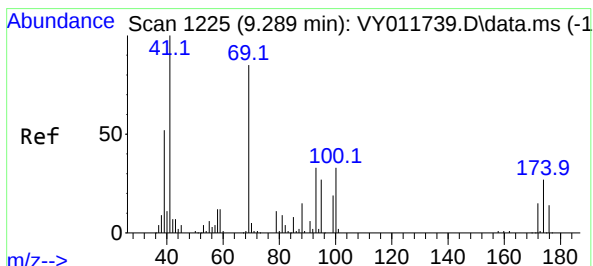
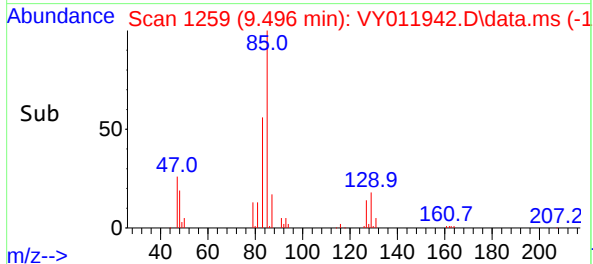
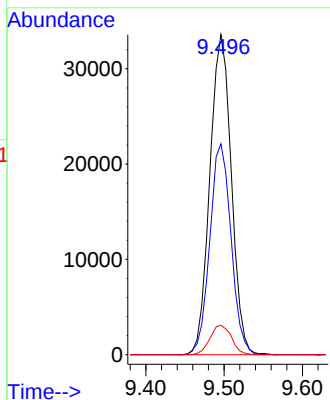
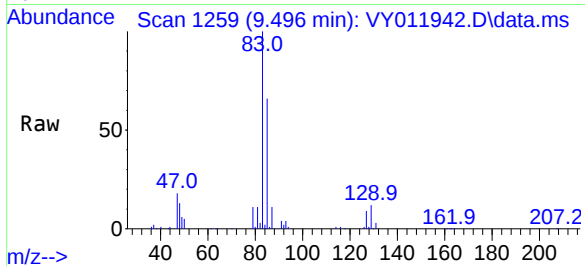




#47
Bromodichloromethane
Concen: 19.808 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

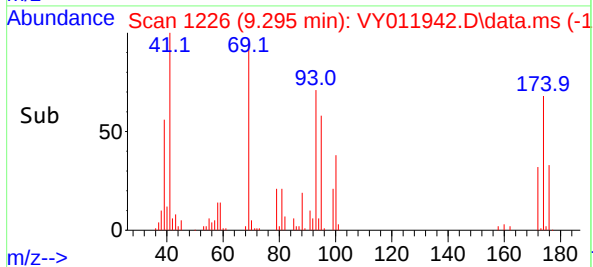
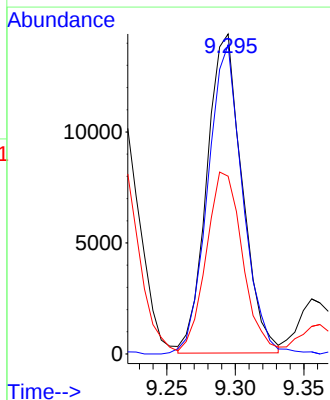
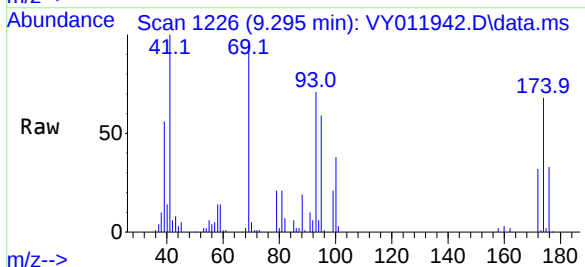
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

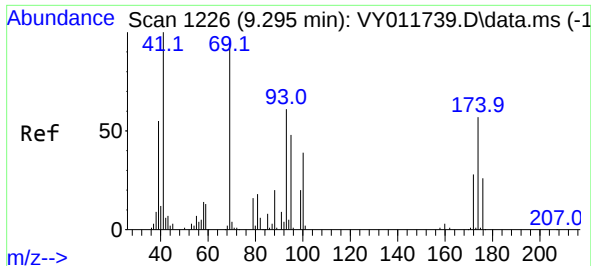
Tgt Ion: 83 Resp: 63932
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0
127 9.2 7.3 10.9



#48
Methyl methacrylate
Concen: 20.309 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 41 Resp: 25737
Ion Ratio Lower Upper
41 100
69 96.3 74.2 111.2
39 57.4 46.3 69.5





#49

1,4-Dioxane

Concen: 434.641 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS01

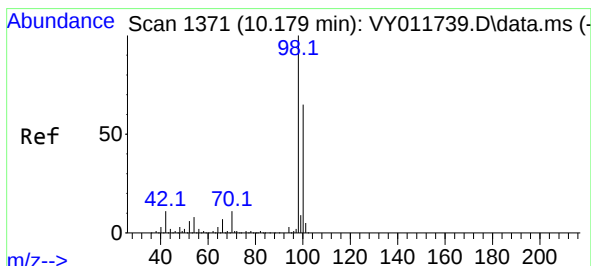
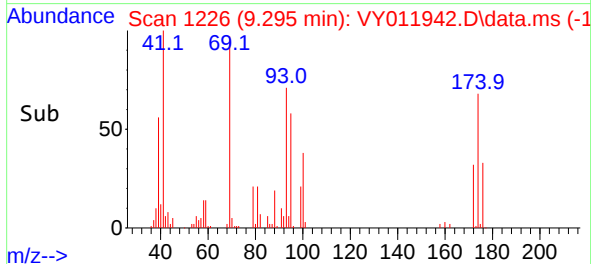
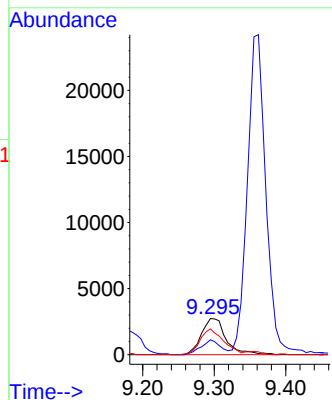
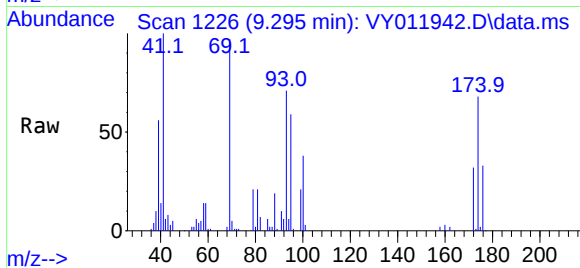
Tgt Ion: 88 Resp: 6602

Ion Ratio Lower Upper

88 100

43 31.9 26.2 39.2

58 68.0 54.3 81.5



#50

Toluene-d8

Concen: 53.401 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011942.D

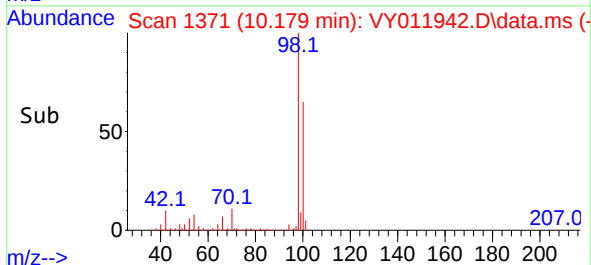
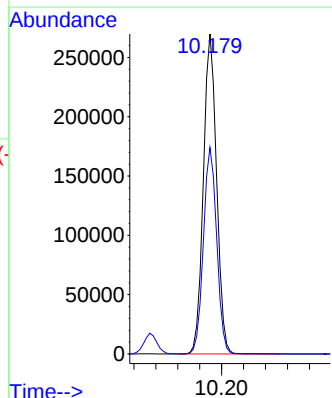
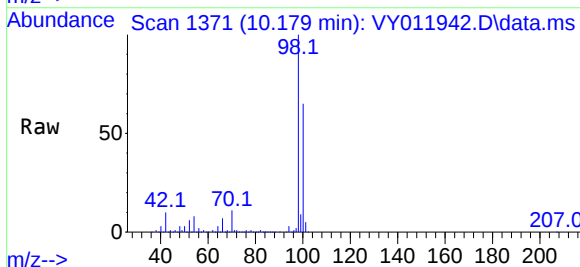
Acq: 21 Dec 2022 13:25

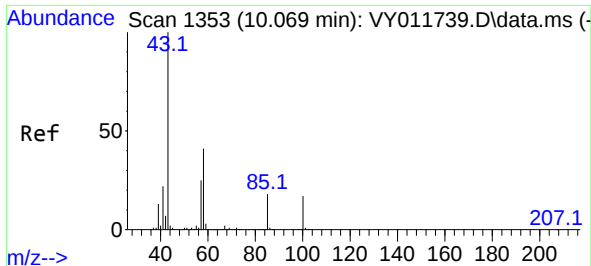
Tgt Ion: 98 Resp: 451179

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9

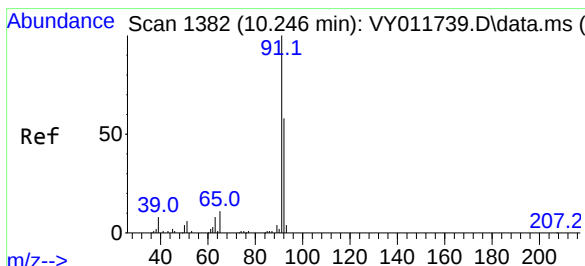
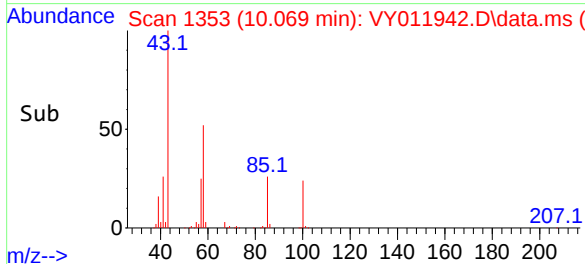
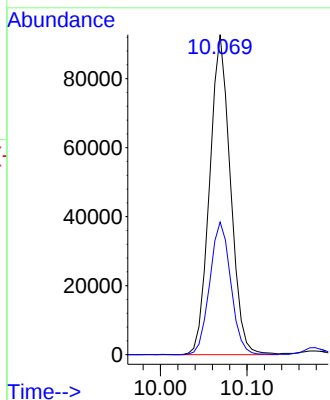
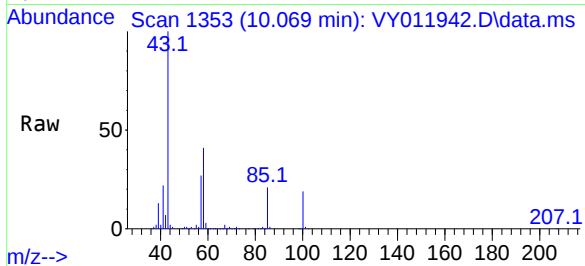




#51
4-Methyl-2-Pentanone
Concen: 106.062 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

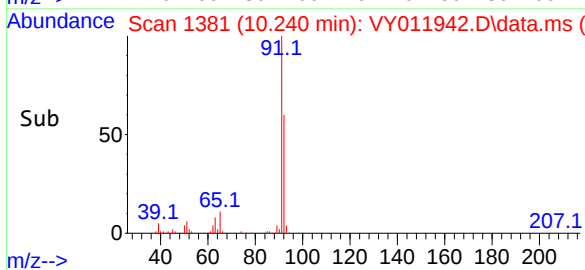
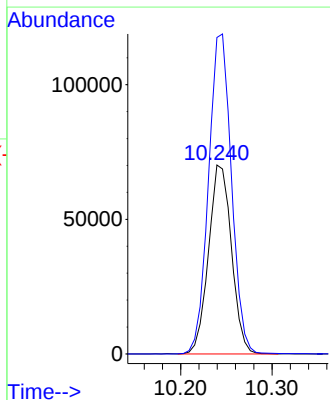
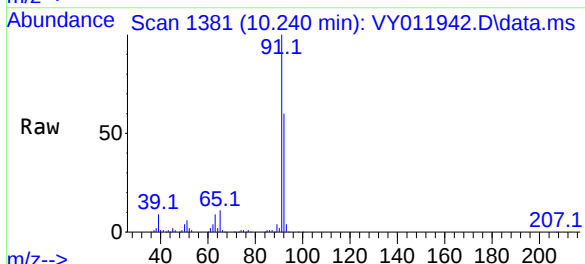
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

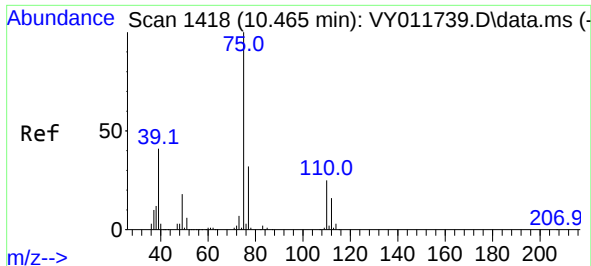
Tgt Ion: 43 Resp: 154791
Ion Ratio Lower Upper
43 100
58 42.0 32.9 49.3



#52
Toluene
Concen: 20.095 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 92 Resp: 122384
Ion Ratio Lower Upper
92 100
91 169.2 137.4 206.0

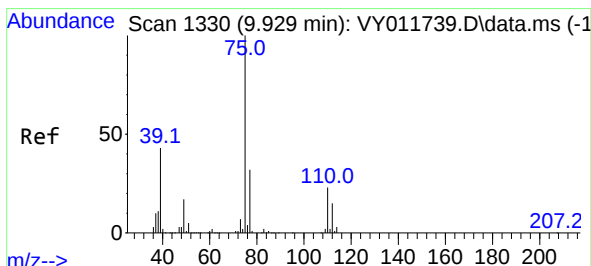
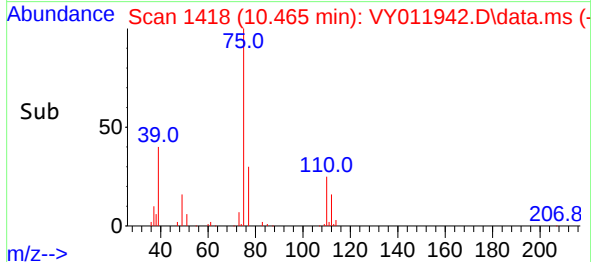
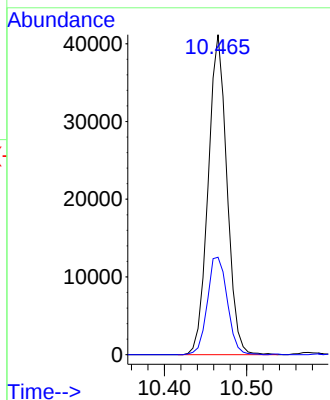
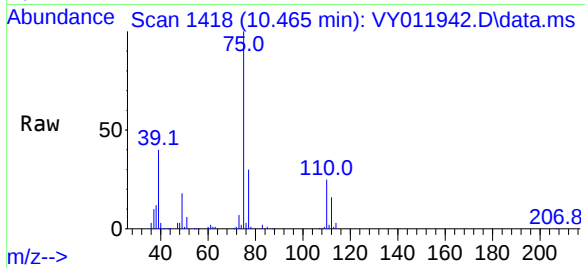




#53
 t-1,3-Dichloropropene
 Concen: 20.014 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY011942.D
 Acq: 21 Dec 2022 13:25

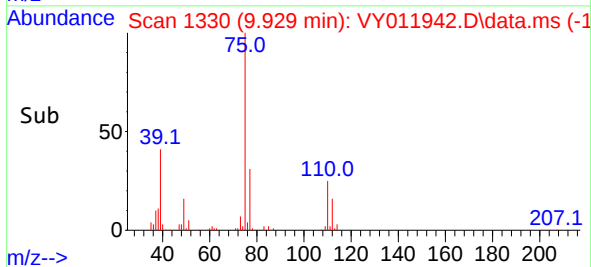
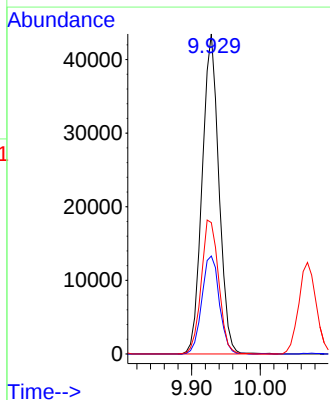
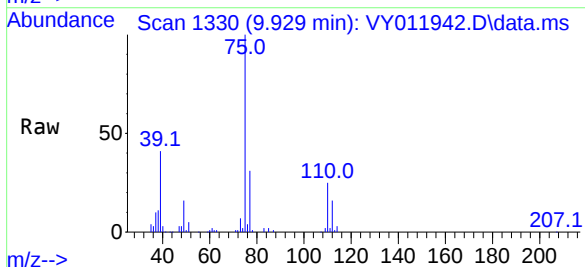
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS01

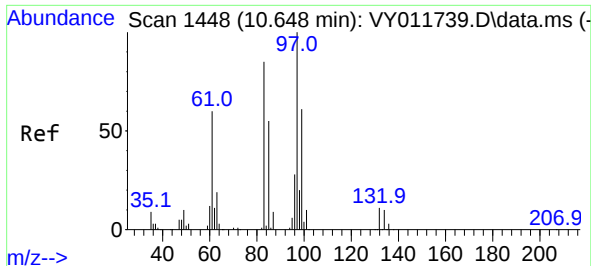
Tgt Ion: 75 Resp: 65273
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.123 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY011942.D
 Acq: 21 Dec 2022 13:25

Tgt Ion: 75 Resp: 73769
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.9 38.9
 39 41.1 34.6 52.0



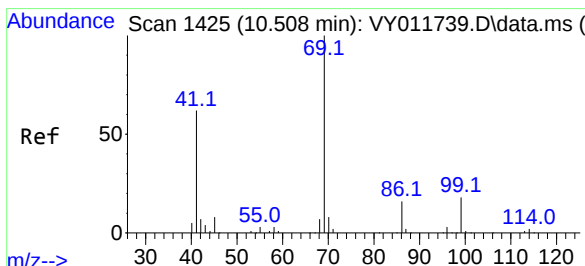
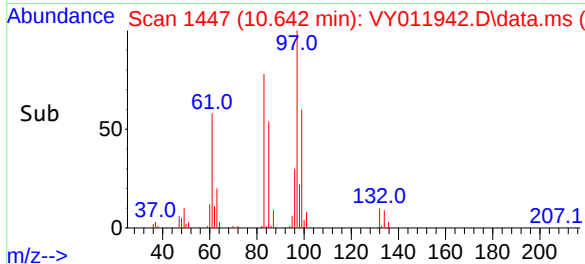
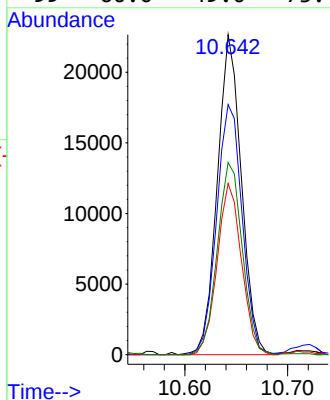
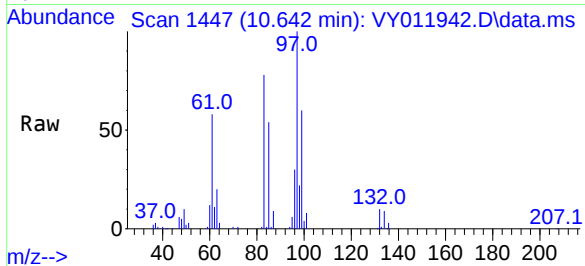


#55
1,1,2-Trichloroethane
Concen: 20.419 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

Tgt Ion: 97 Resp: 36863

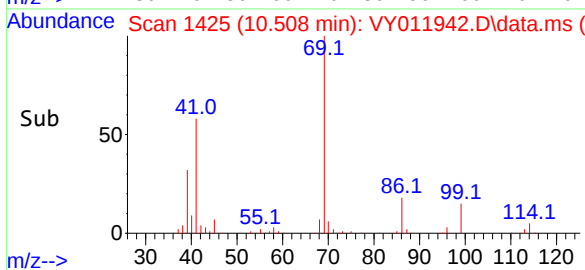
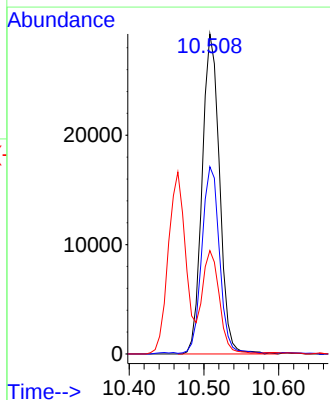
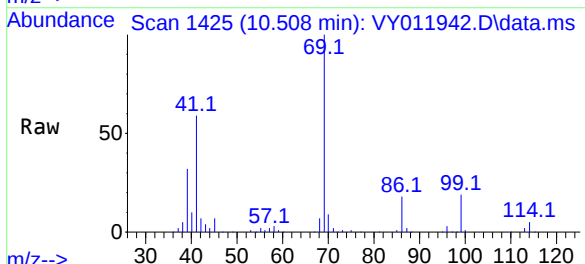
Ion	Ratio	Lower	Upper
97	100		
83	78.2	67.7	101.5
85	53.5	43.8	65.8
99	60.0	49.0	73.4

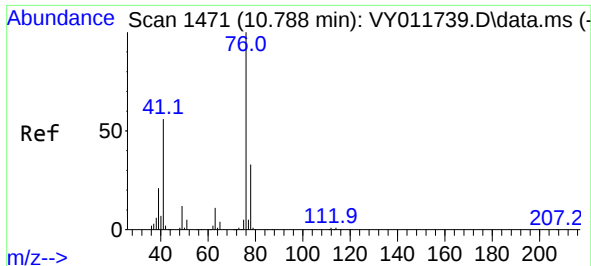


#56
Ethyl methacrylate
Concen: 20.695 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 69 Resp: 47304

Ion	Ratio	Lower	Upper
69	100		
41	59.2	48.9	73.3
39	30.9	25.9	38.9





#57

1,3-Dichloropropane

Concen: 20.537 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

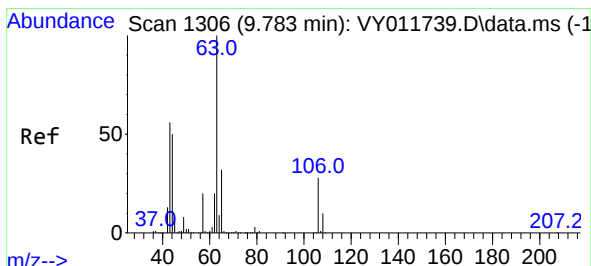
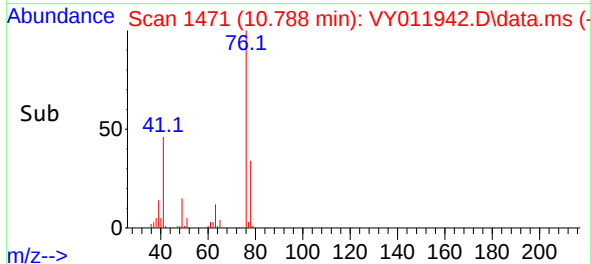
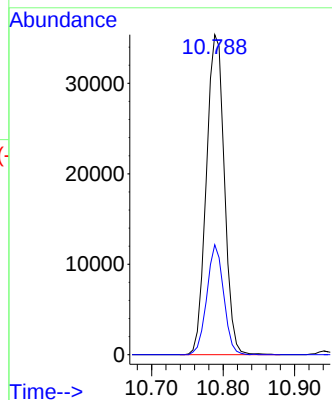
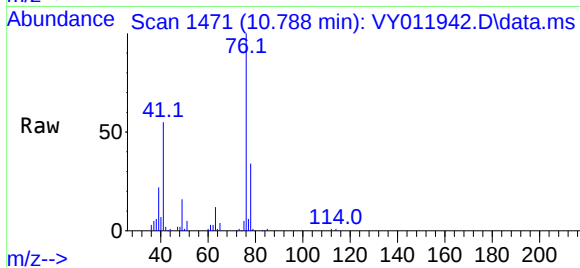
VY1221SBS01

Tgt Ion: 76 Resp: 61875

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.969 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011942.D

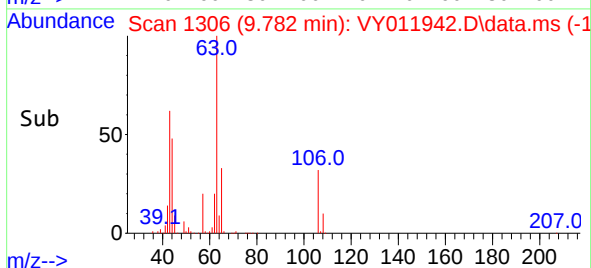
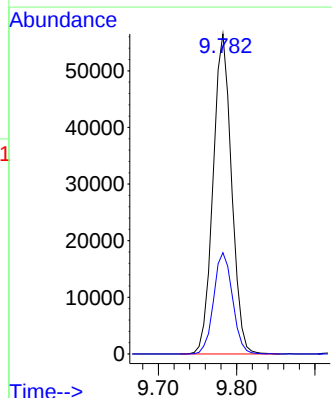
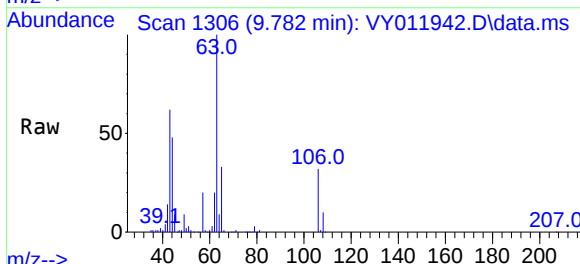
Acq: 21 Dec 2022 13:25

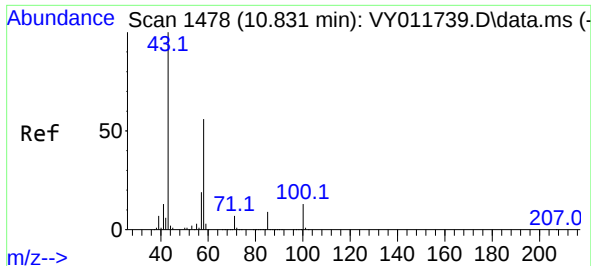
Tgt Ion: 63 Resp: 92586

Ion Ratio Lower Upper

63 100

106 32.2 23.2 34.8

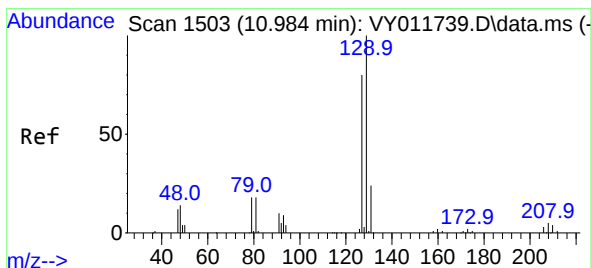
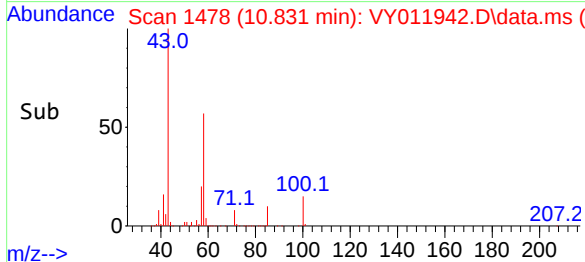
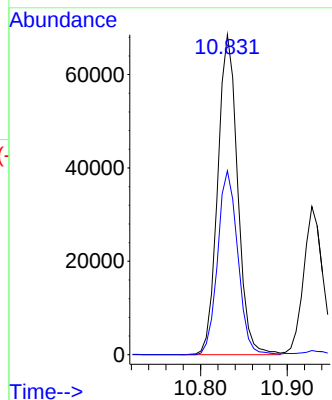
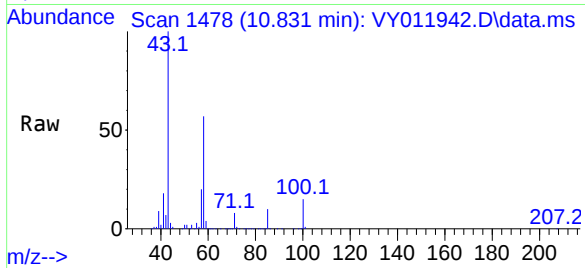




#59
2-Hexanone
Concen: 101.995 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

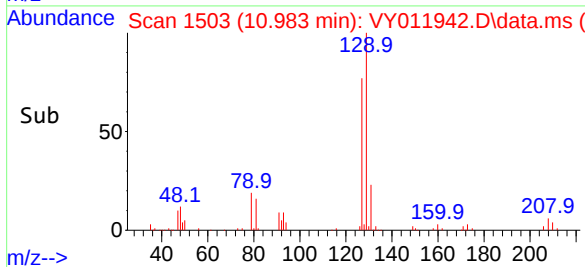
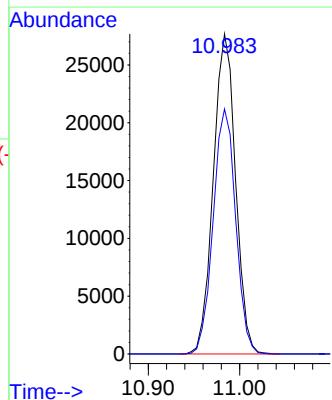
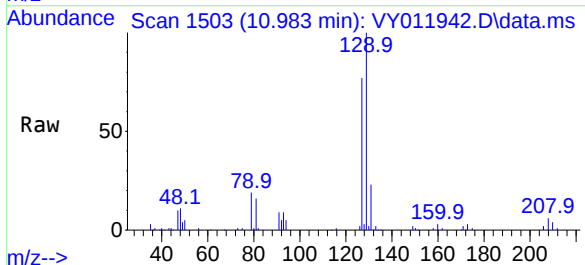
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

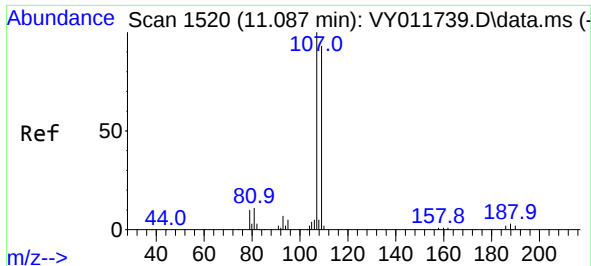
Tgt Ion: 43 Resp: 109509
Ion Ratio Lower Upper
43 100
58 58.0 28.4 85.2



#60
Dibromochloromethane
Concen: 20.577 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:129 Resp: 46798
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

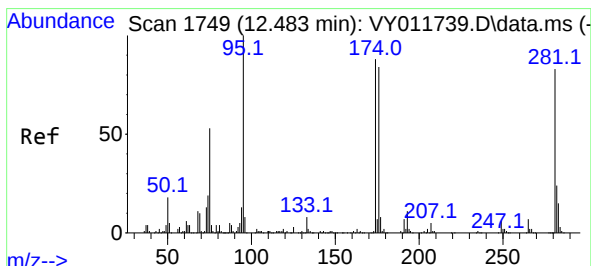
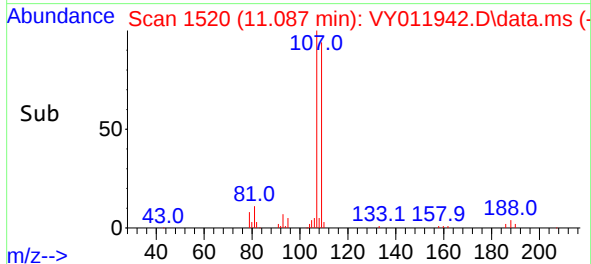
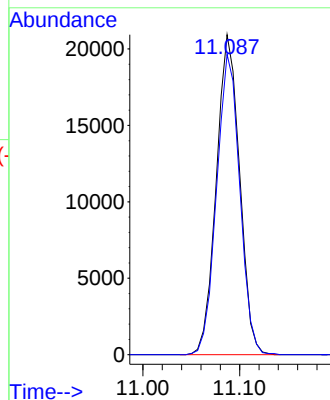
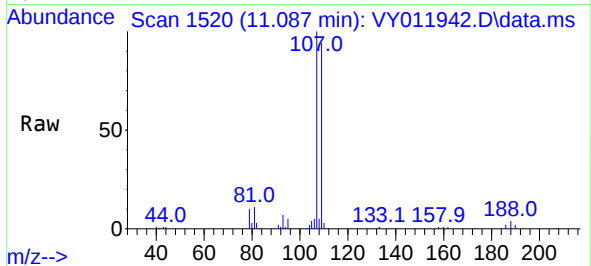




#61
1,2-Dibromoethane
Concen: 20.676 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

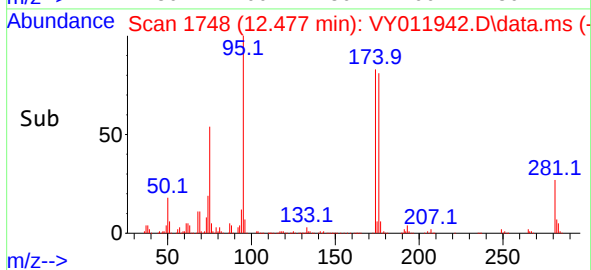
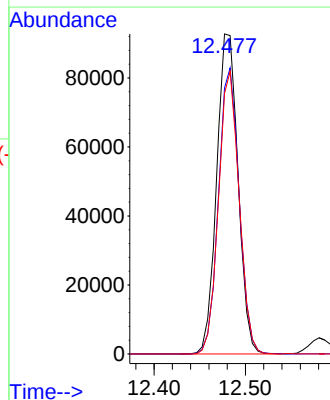
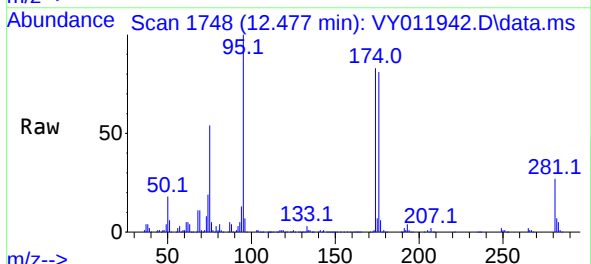
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

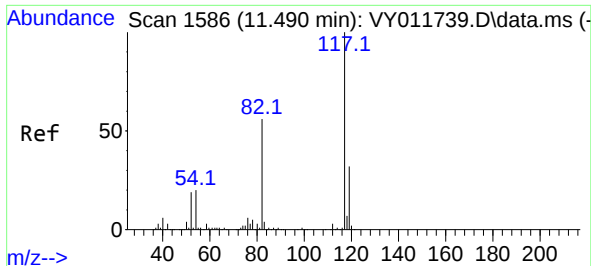
Tgt Ion:107 Resp: 34923
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 52.969 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 95 Resp: 150515
Ion Ratio Lower Upper
95 100
174 86.4 0.0 172.0
176 85.0 0.0 167.6

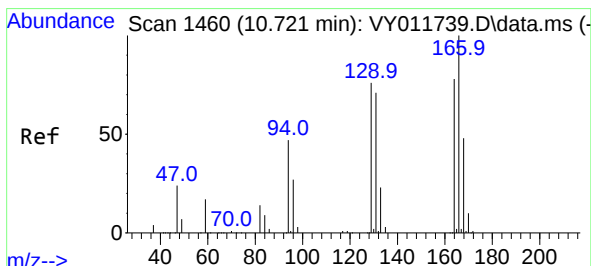
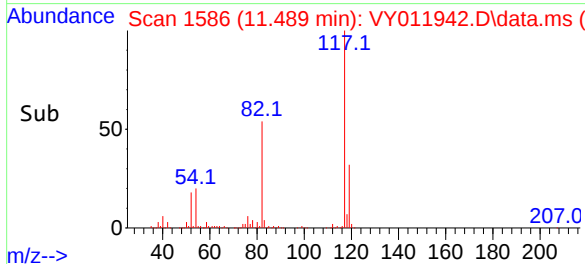
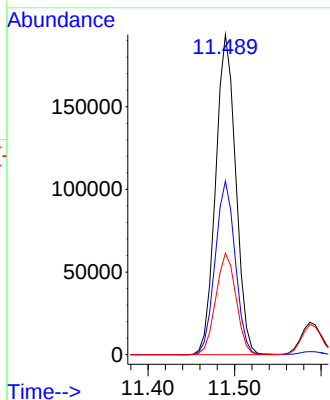
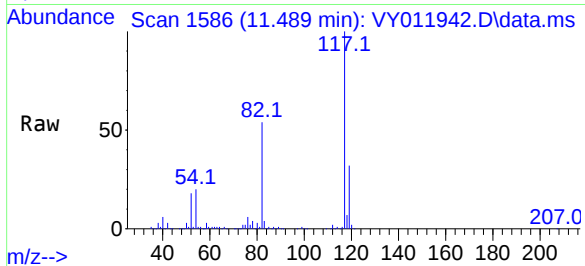




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

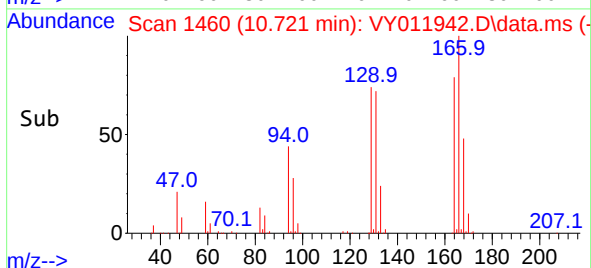
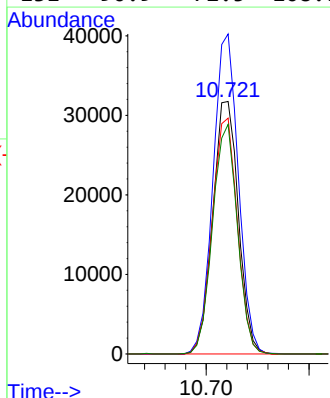
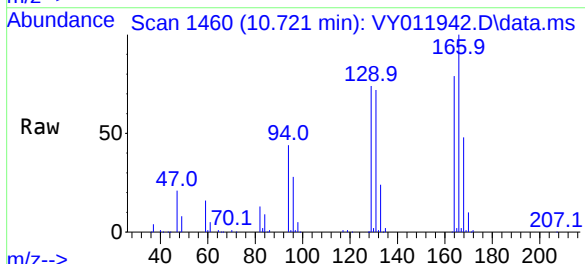
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

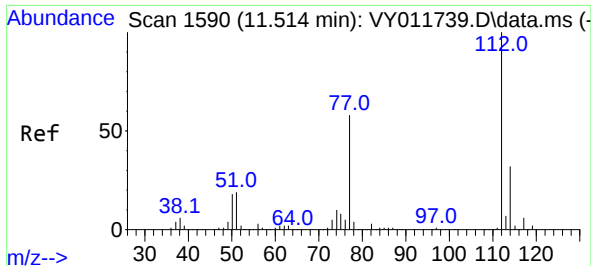
Tgt Ion:117 Resp: 312038
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 20.157 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:164 Resp: 55056
Ion Ratio Lower Upper
164 100
166 126.7 102.3 153.5
129 93.4 77.2 115.8
131 90.9 72.5 108.7

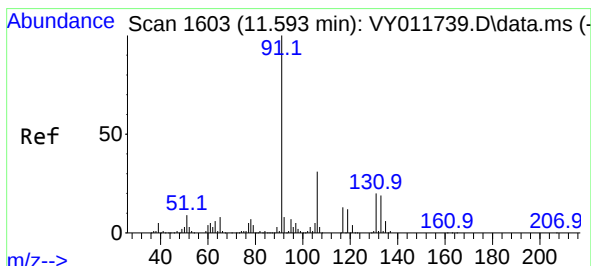
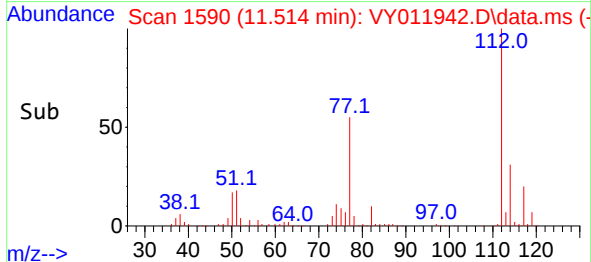
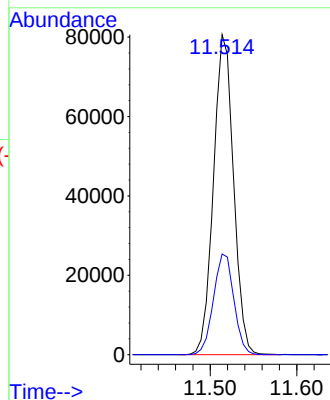
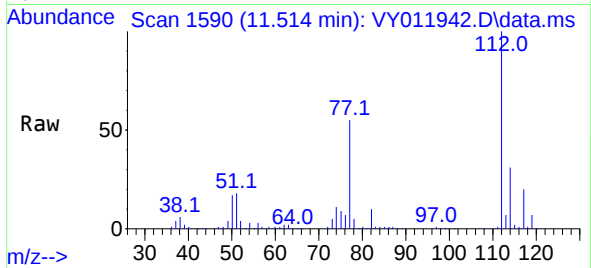




#65
Chlorobenzene
Concen: 20.008 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

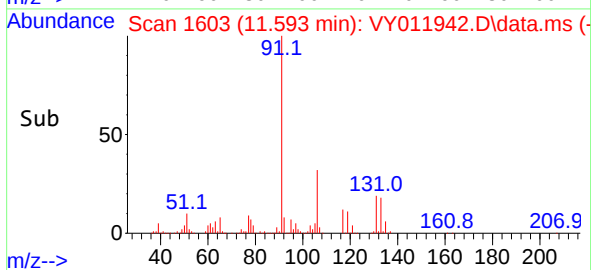
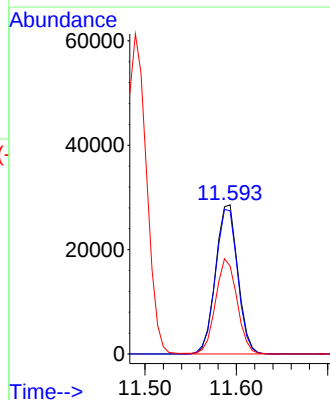
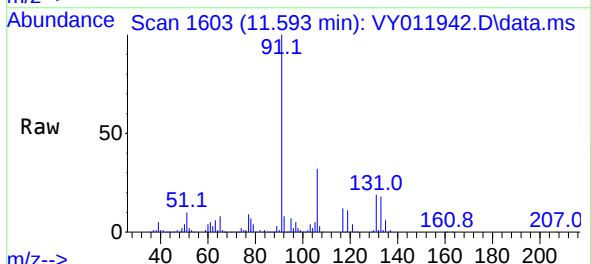
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

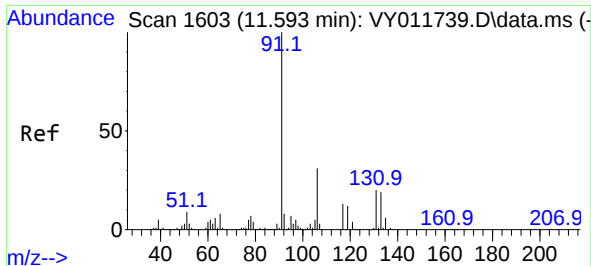
Tgt Ion:112 Resp: 129631
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.104 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:131 Resp: 48463
Ion Ratio Lower Upper
131 100
133 96.5 47.3 142.0
119 61.7 32.1 96.3





#67

Ethyl Benzene

Concen: 19.822 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

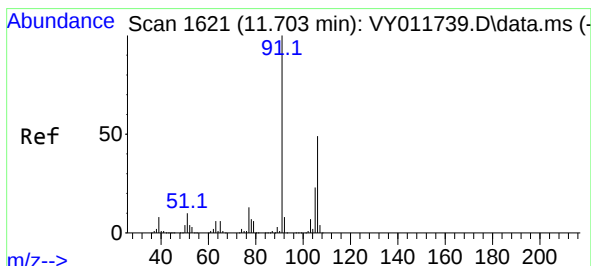
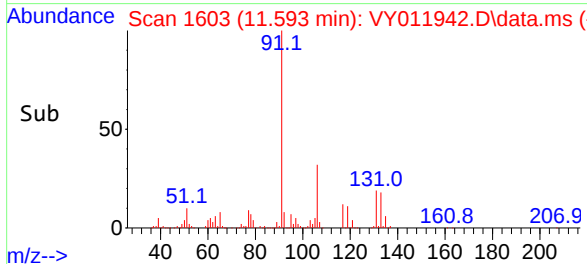
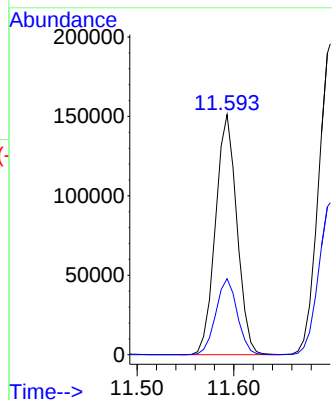
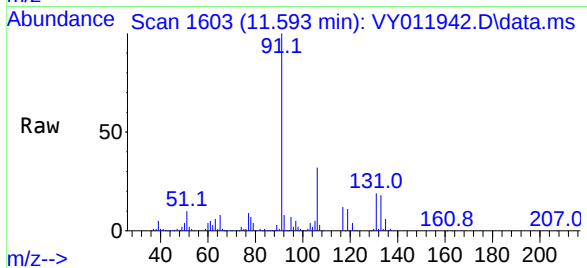
VY1221SBS01

Tgt Ion: 91 Resp: 232148

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 39.868 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011942.D

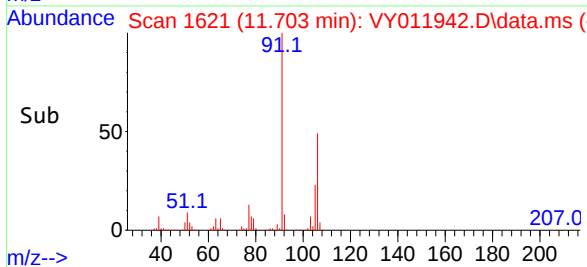
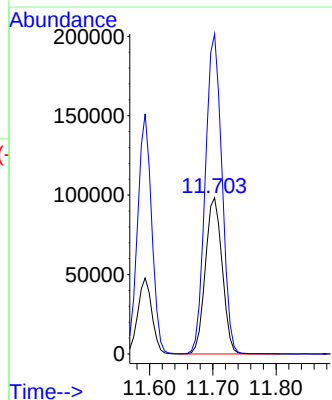
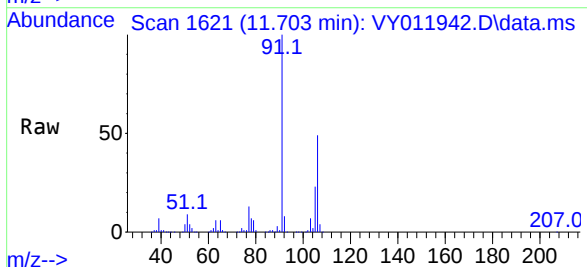
Acq: 21 Dec 2022 13:25

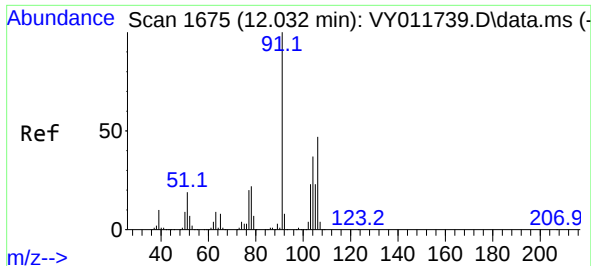
Tgt Ion:106 Resp: 181585

Ion Ratio Lower Upper

106 100

91 202.4 162.5 243.7

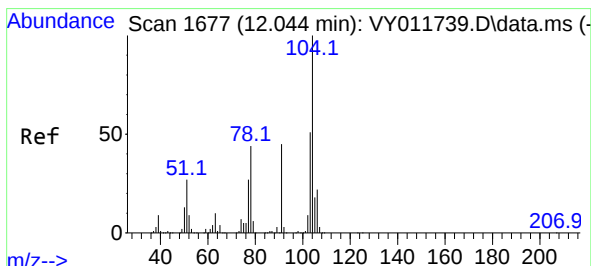
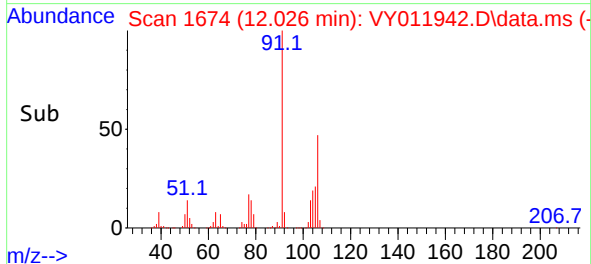
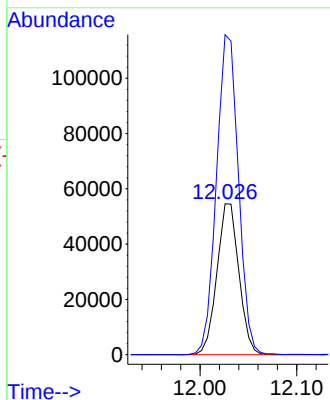
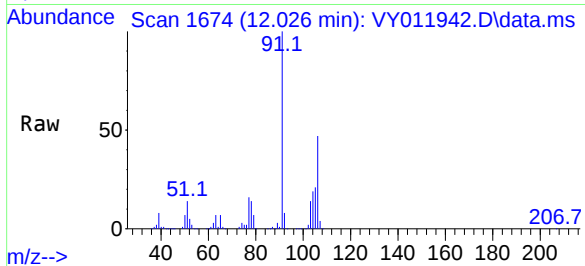




#69
o-Xylene
Concen: 20.272 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

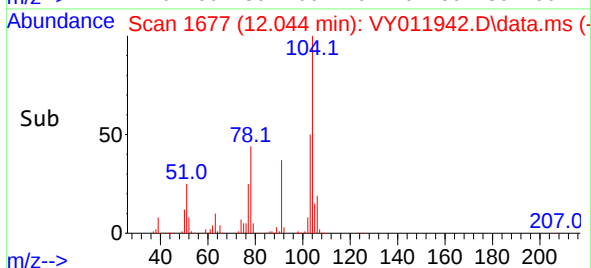
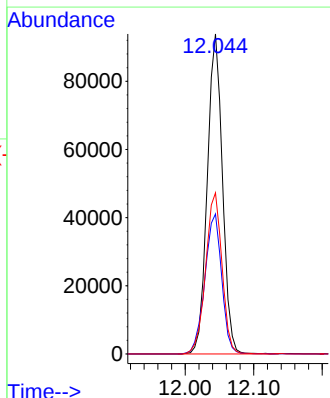
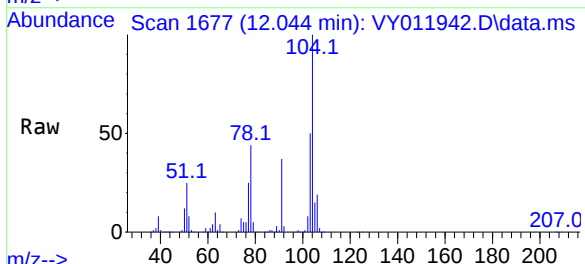
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

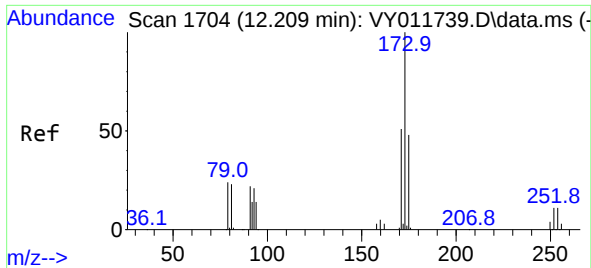
Tgt Ion:106 Resp: 85910
Ion Ratio Lower Upper
106 100
91 212.6 107.5 322.4



#70
Styrene
Concen: 20.352 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:104 Resp: 144817
Ion Ratio Lower Upper
104 100
78 48.7 39.4 59.0
103 54.3 43.0 64.4

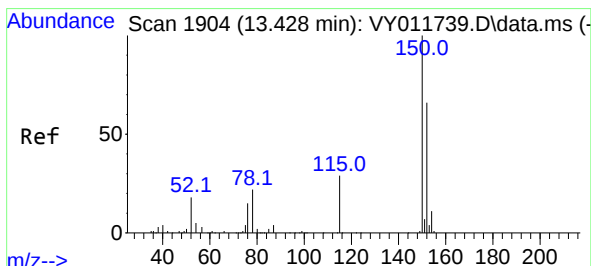
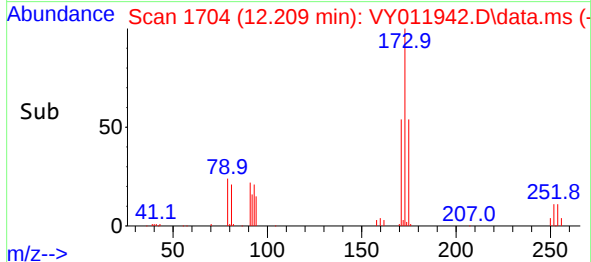
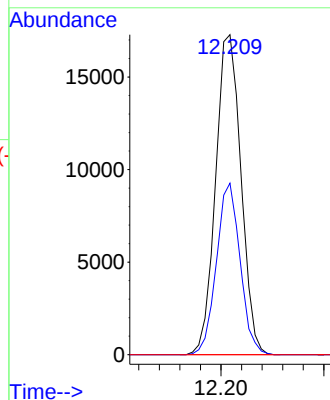
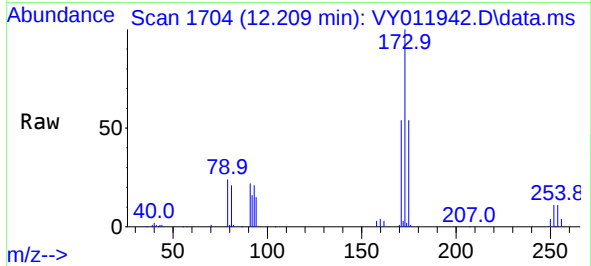




#71
Bromoform
Concen: 20.733 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

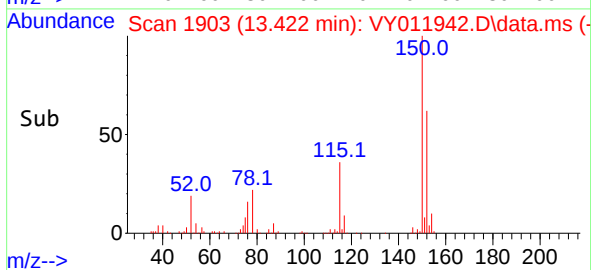
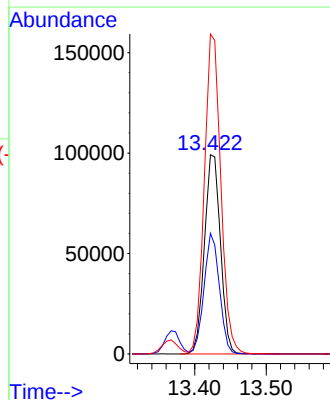
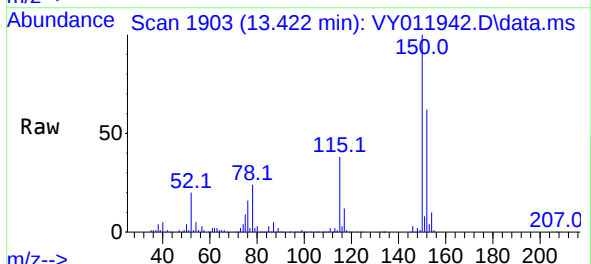
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

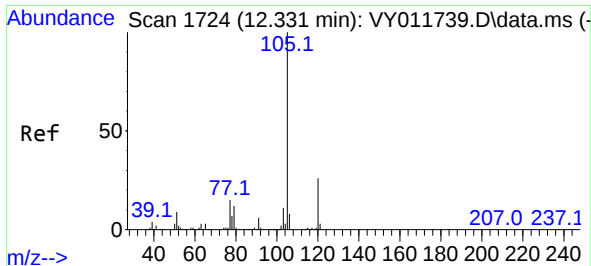
Tgt Ion:173 Resp: 29615
Ion Ratio Lower Upper
173 100
175 50.0 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:152 Resp: 154359
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.3
150 164.9 0.0 342.6

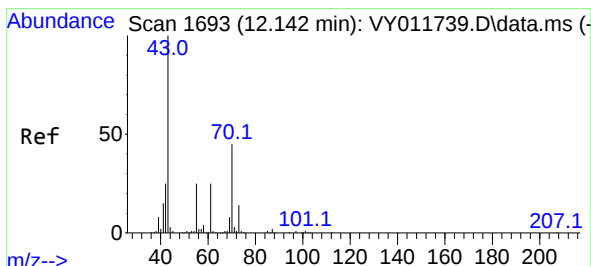
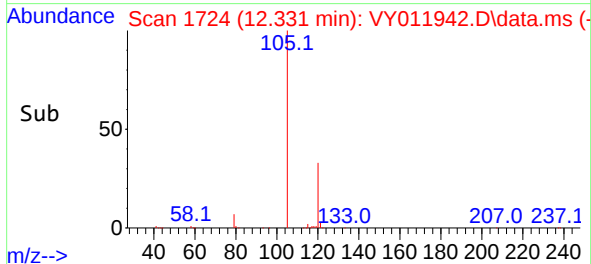
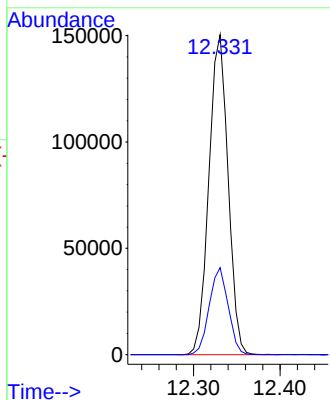
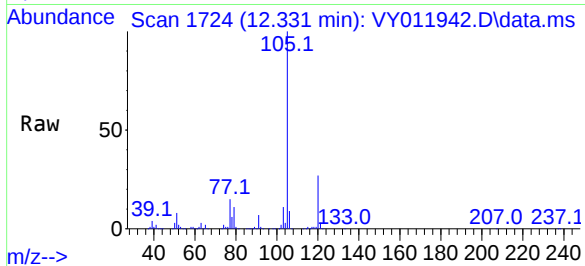




#73
Isopropylbenzene
Concen: 20.186 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

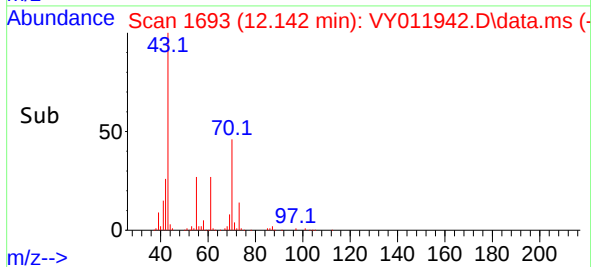
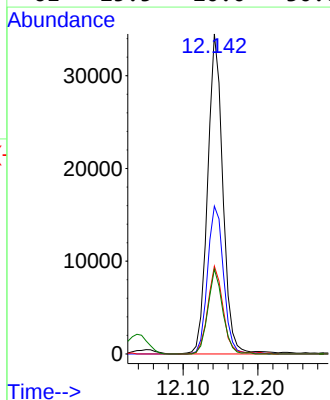
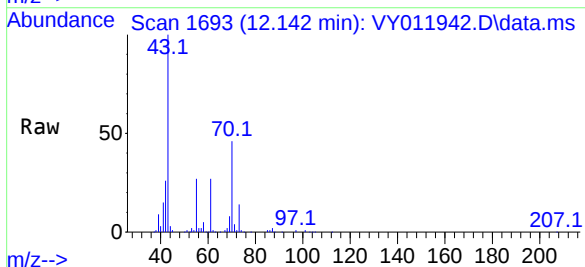
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

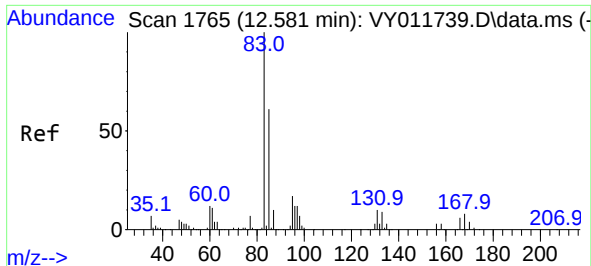
Tgt Ion:105 Resp: 231215
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 20.833 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 43 Resp: 48922
Ion Ratio Lower Upper
43 100
70 48.5 35.8 53.8
55 27.7 21.0 31.4
61 25.5 20.0 30.0

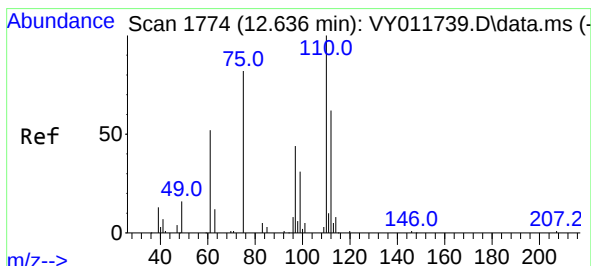
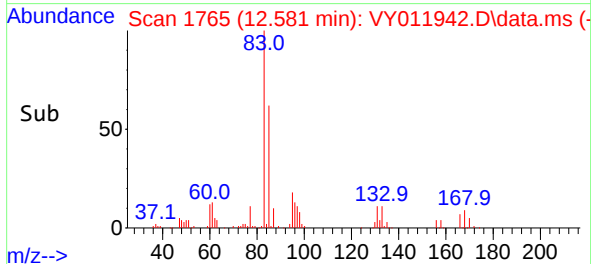
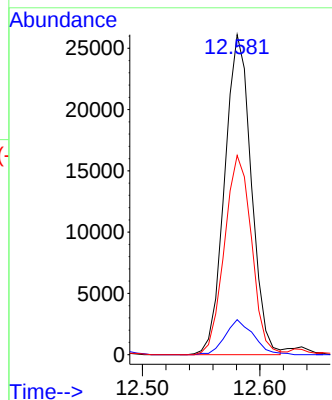
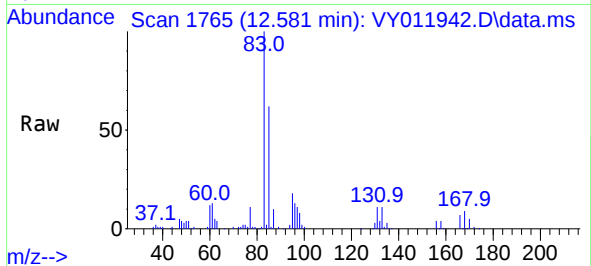




#75
1,1,2,2-Tetrachloroethane
Concen: 21.484 ug/l
RT: 12.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

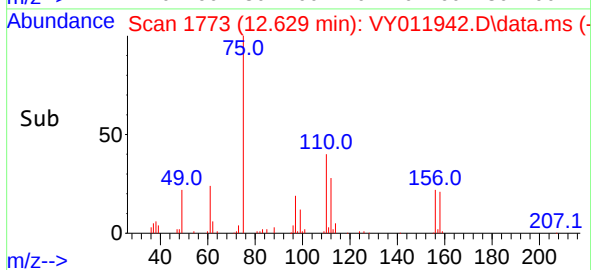
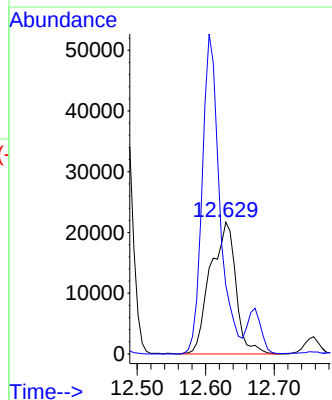
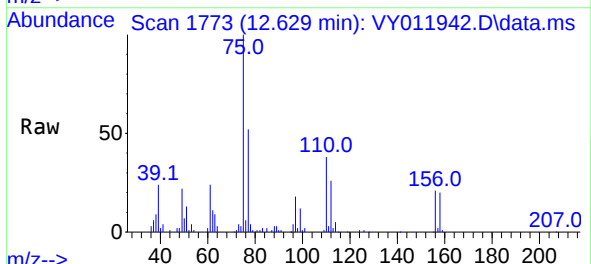
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

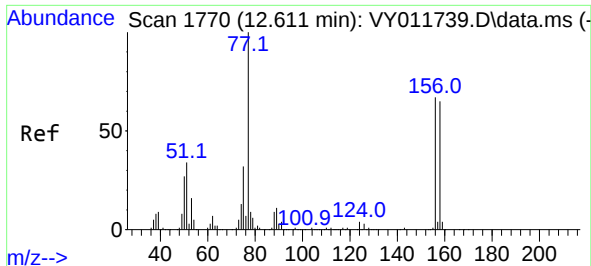
Tgt Ion: 83 Resp: 41053
Ion Ratio Lower Upper
83 100
131 11.6 5.6 16.8
85 63.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 29.187 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 75 Resp: 56060
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

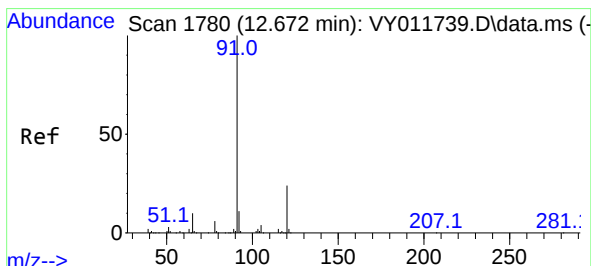
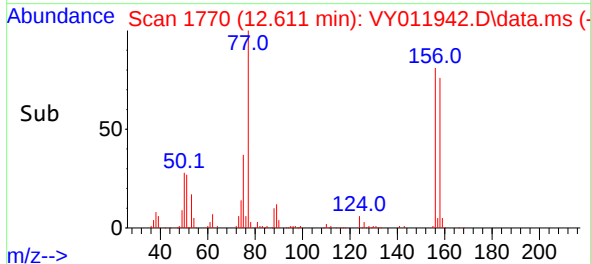
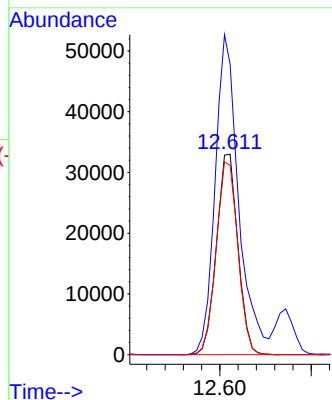
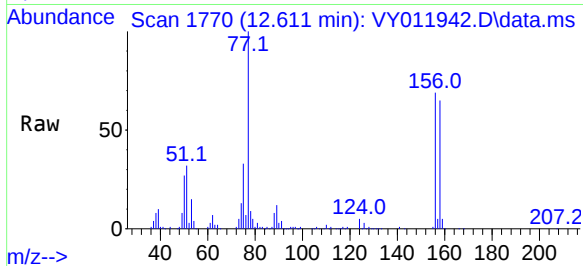




#77
Bromobenzene
Concen: 20.313 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

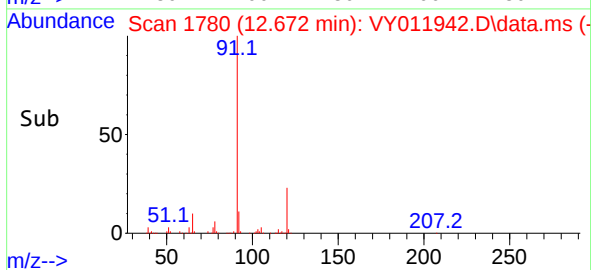
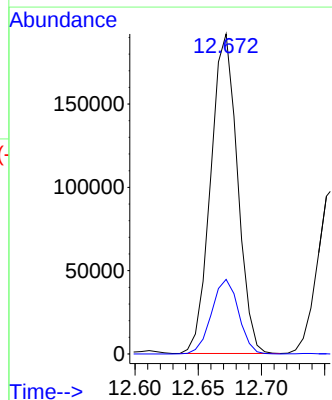
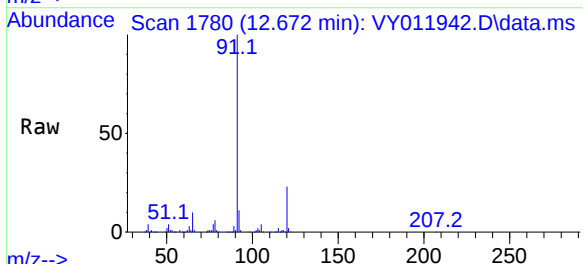
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

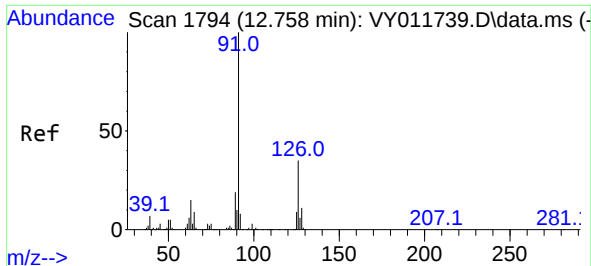
Tgt Ion:156 Resp: 53829
Ion Ratio Lower Upper
156 100
77 175.1 90.0 270.0
158 97.0 48.4 145.2



#78
n-propylbenzene
Concen: 20.506 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 91 Resp: 282335
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.4

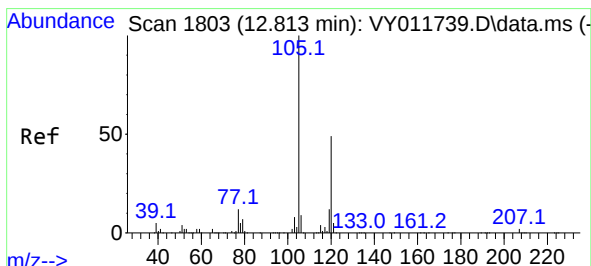
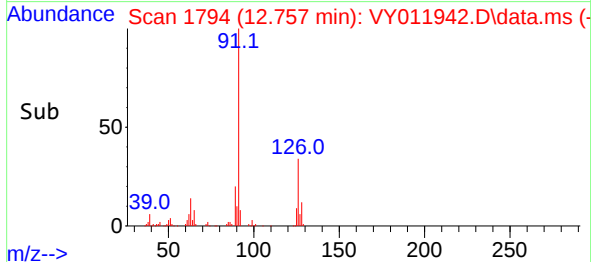
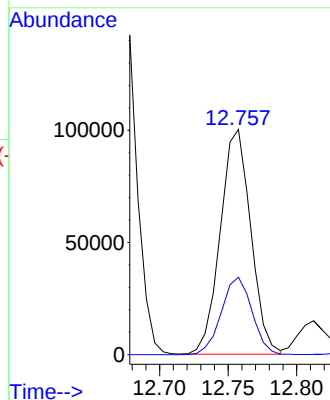
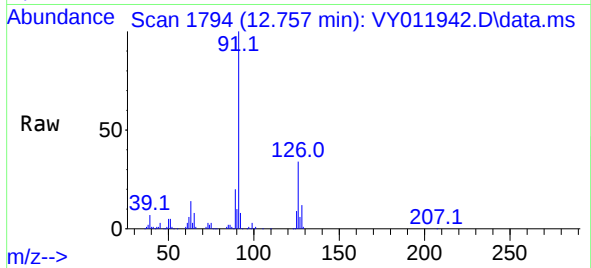




#79
2-Chlorotoluene
Concen: 20.045 ug/l
RT: 12.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

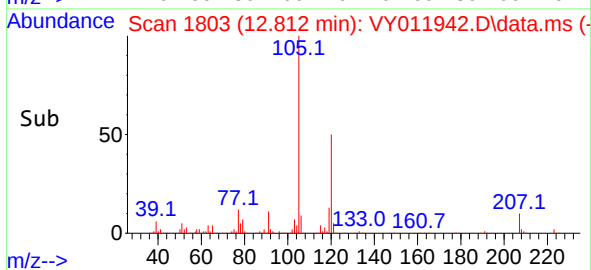
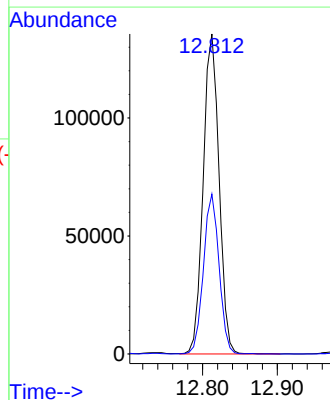
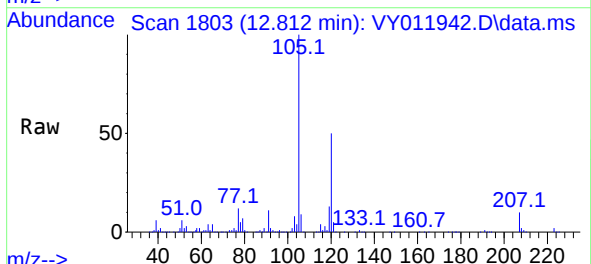
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

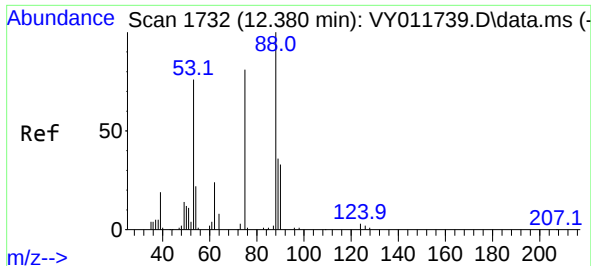
Tgt Ion: 91 Resp: 155139
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 20.401 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:105 Resp: 200067
Ion Ratio Lower Upper
105 100
120 49.1 24.2 72.6

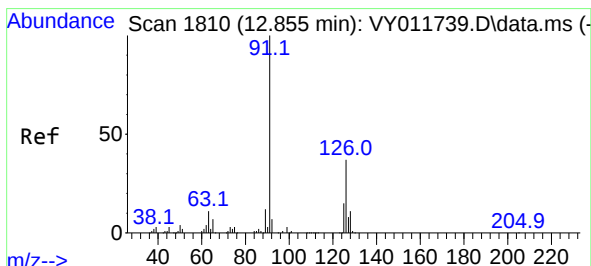
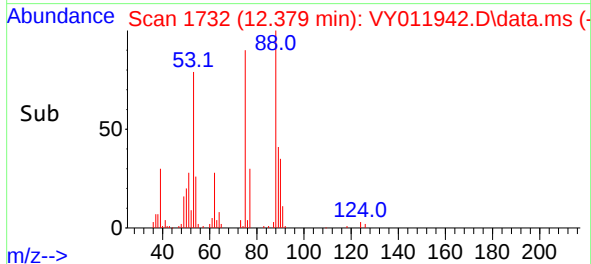
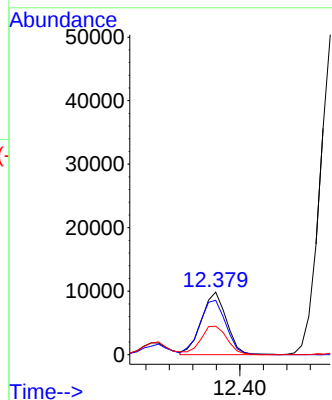
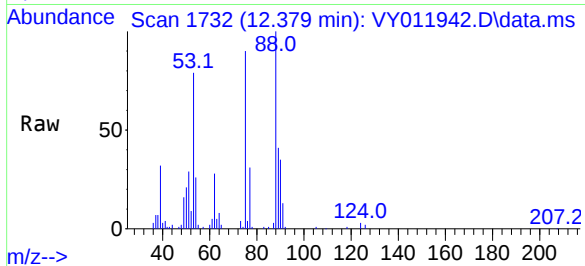




#81
trans-1,4-Dichloro-2-butene
Concen: 20.829 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

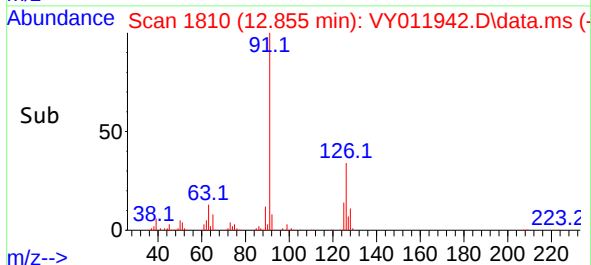
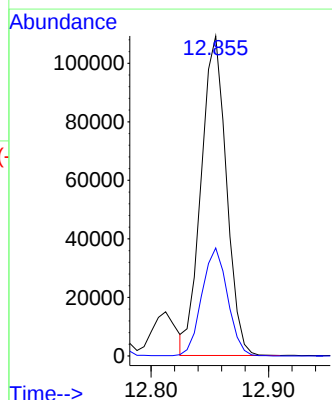
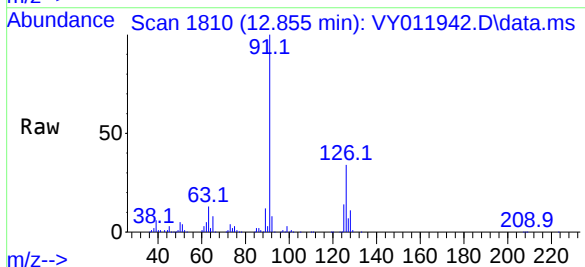
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBSD01

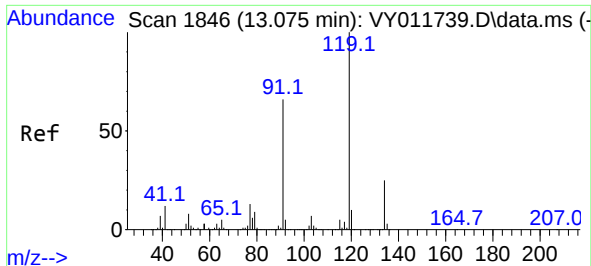
Tgt Ion: 75 Resp: 14609
Ion Ratio Lower Upper
75 100
53 91.2 72.5 108.7
89 47.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.355 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 91 Resp: 163001
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2

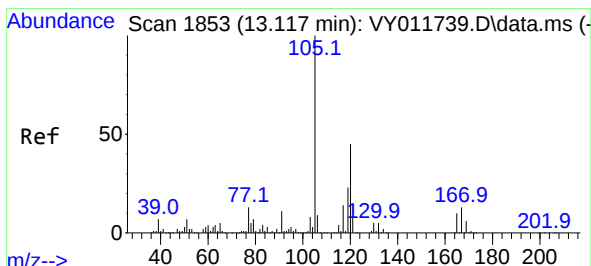
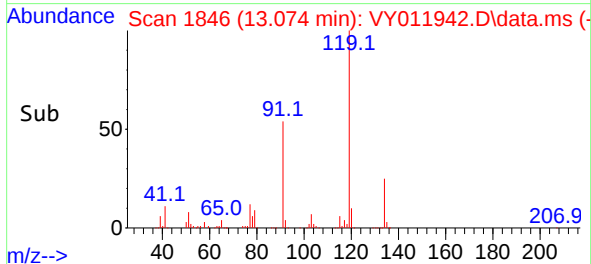
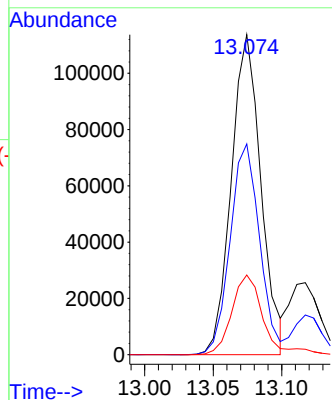
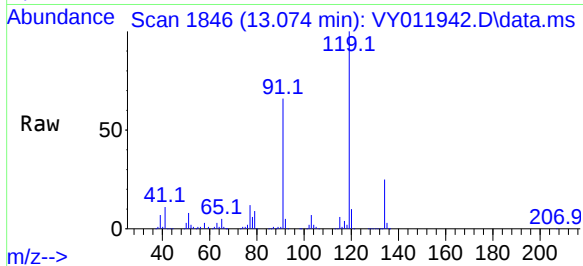




#83
tert-Butylbenzene
Concen: 20.636 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

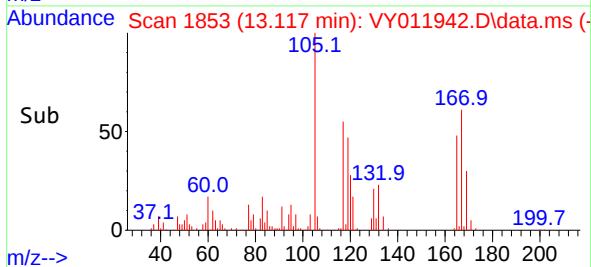
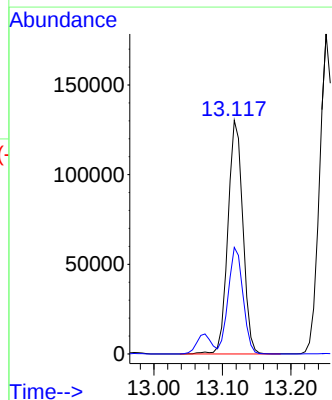
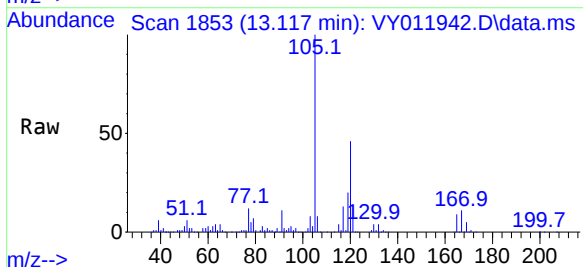
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

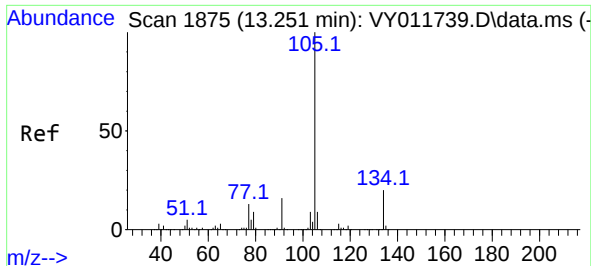
Tgt Ion:119 Resp: 171514
Ion Ratio Lower Upper
119 100
91 65.3 32.3 96.8
134 26.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.369 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:105 Resp: 196520
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.7

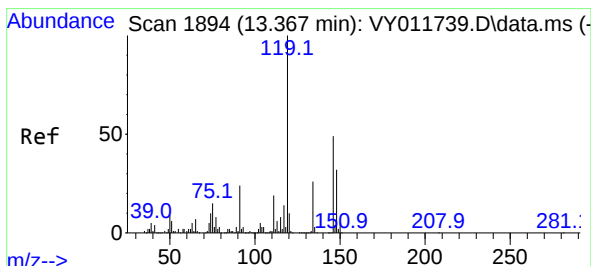
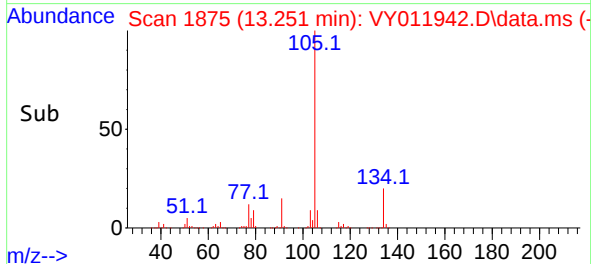
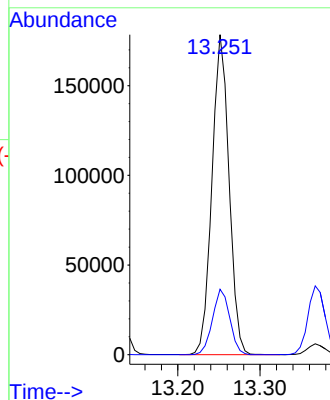
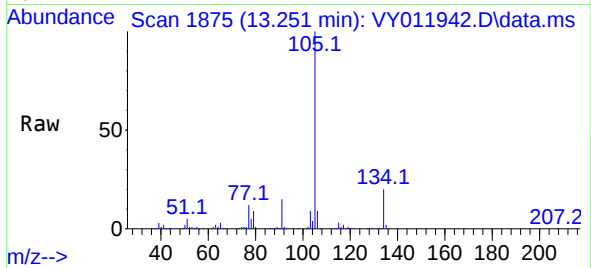




#85
 sec-Butylbenzene
 Concen: 20.659 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011942.D
 Acq: 21 Dec 2022 13:25

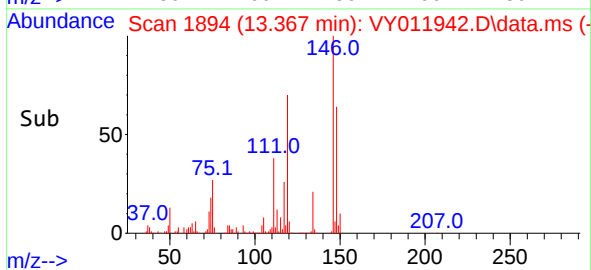
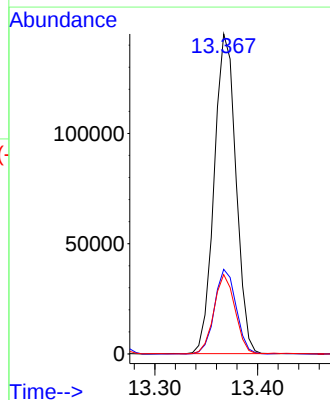
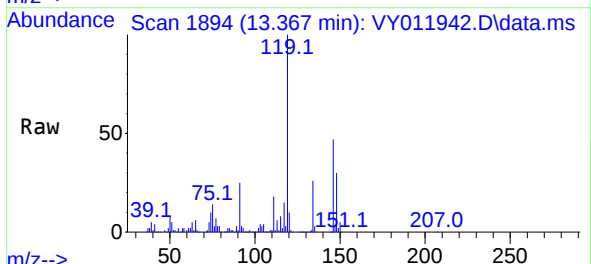
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS01

Tgt Ion:105 Resp: 256397
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.313 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY011942.D
 Acq: 21 Dec 2022 13:25

Tgt Ion:119 Resp: 212723
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 24.1 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.030 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBSD01

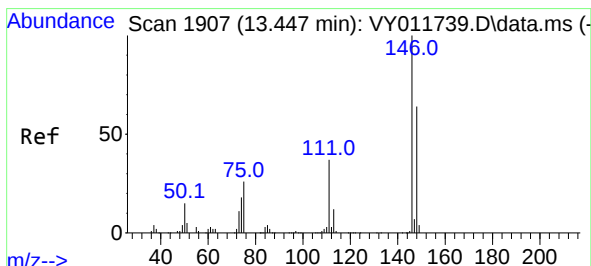
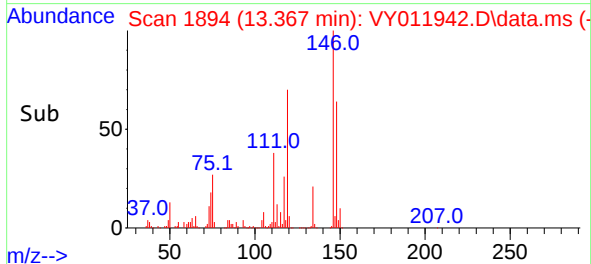
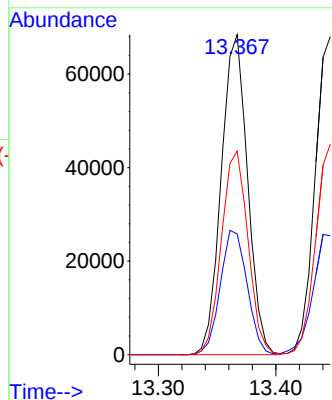
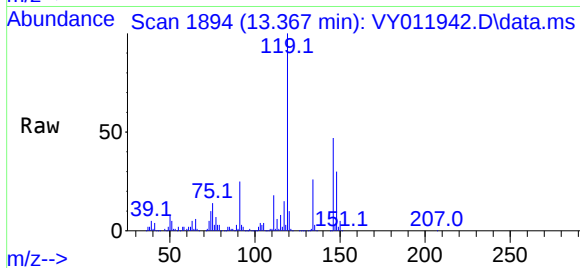
Tgt Ion:146 Resp: 106745

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 64.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.014 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

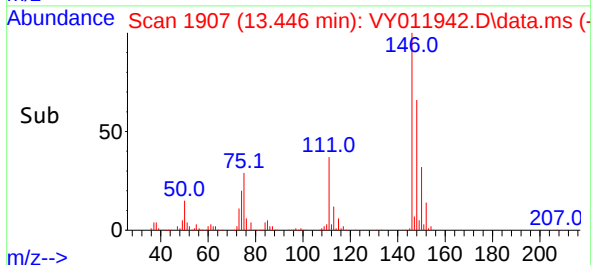
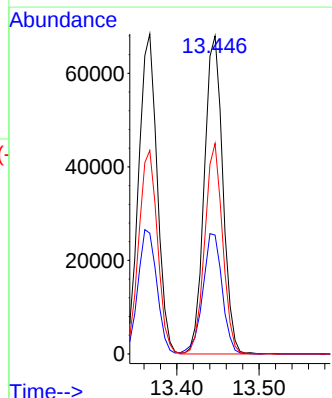
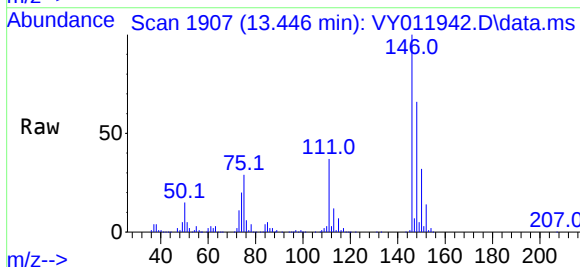
Tgt Ion:146 Resp: 106039

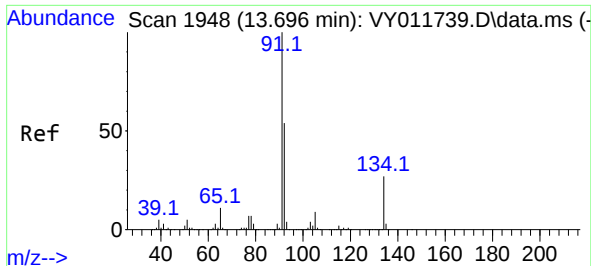
Ion Ratio Lower Upper

146 100

111 39.7 19.6 58.7

148 64.0 31.9 95.7

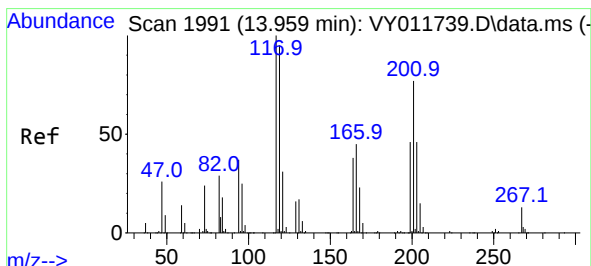
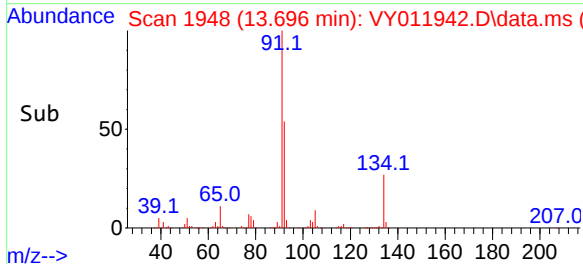
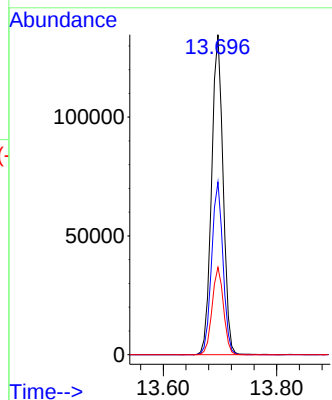
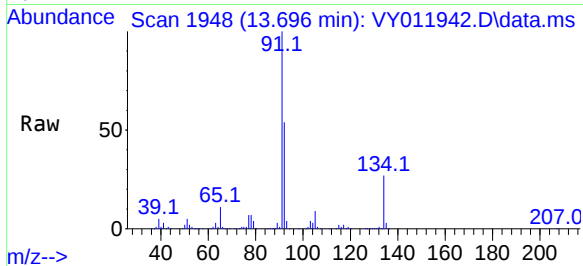




#89
n-Butylbenzene
Concen: 20.071 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

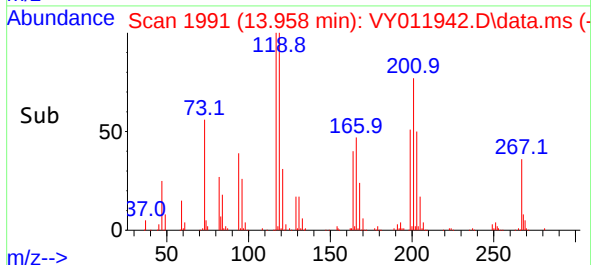
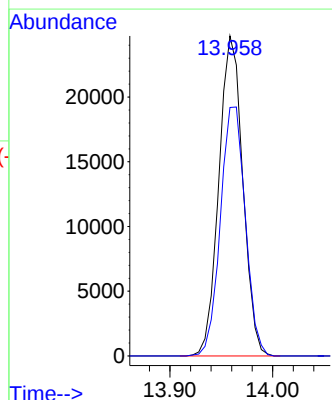
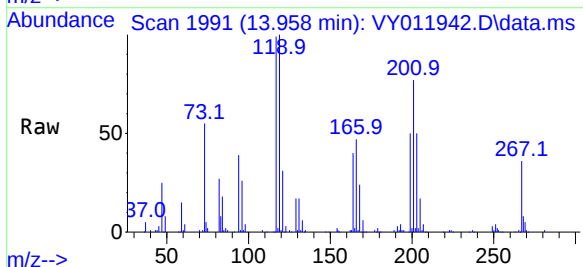
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

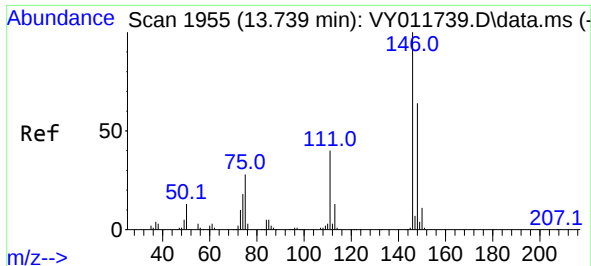
Tgt Ion: 91 Resp: 190273
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.4
134 27.0 13.3 39.8



#90
Hexachloroethane
Concen: 19.955 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion: 117 Resp: 39872
Ion Ratio Lower Upper
117 100
201 81.0 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 20.356 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBSD01

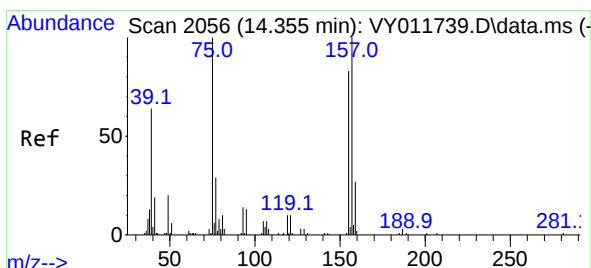
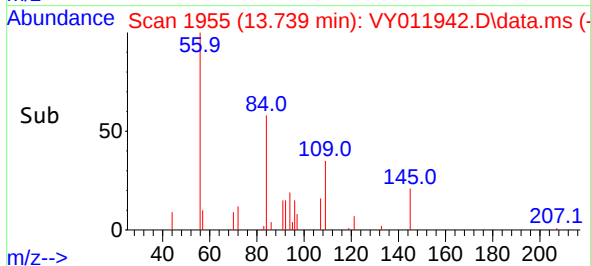
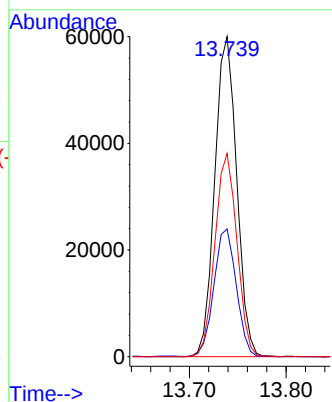
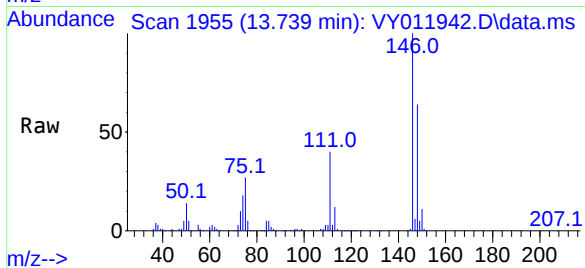
Tgt Ion:146 Resp: 94578

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.923 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011942.D

Acq: 21 Dec 2022 13:25

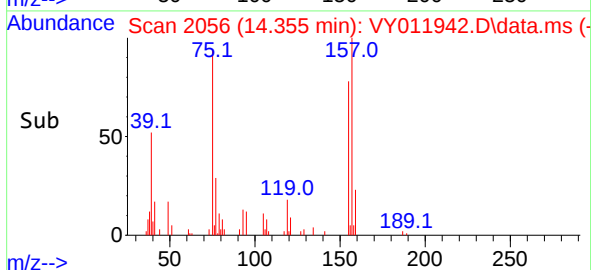
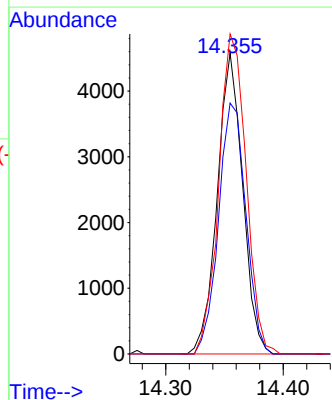
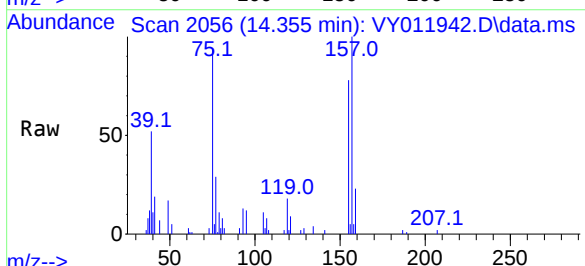
Tgt Ion: 75 Resp: 6871

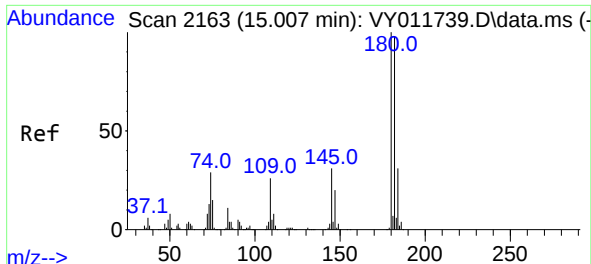
Ion Ratio Lower Upper

75 100

155 89.8 42.3 126.8

157 114.5 54.4 163.3

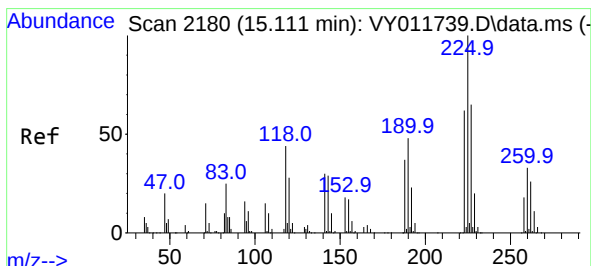
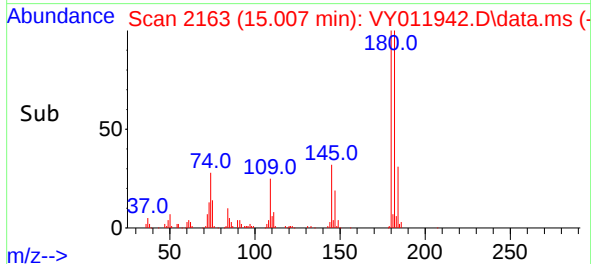
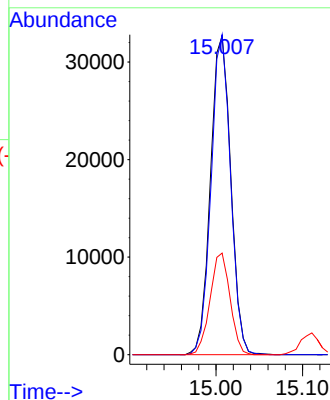
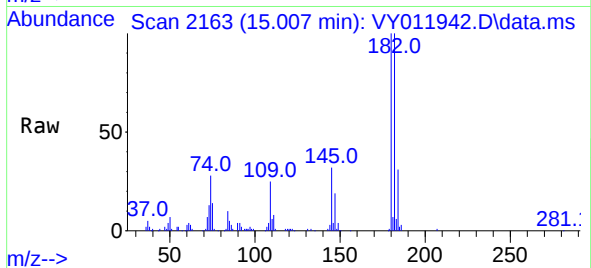




#93
1,2,4-Trichlorobenzene
Concen: 19.459 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

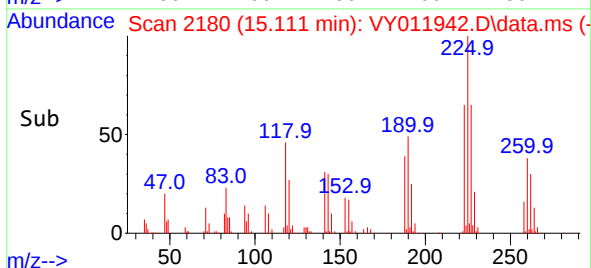
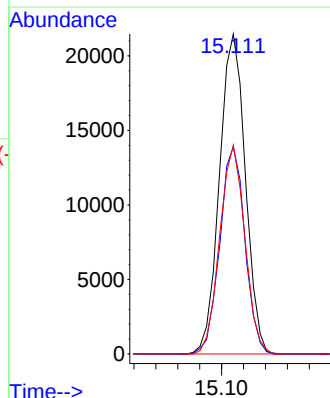
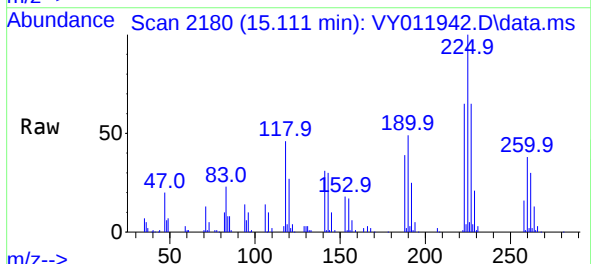
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBSD01

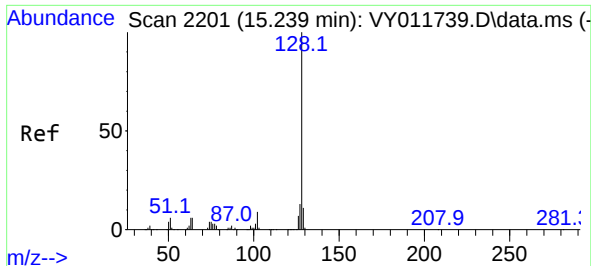
Tgt Ion:	180	Resp:	53184
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.1	144.3
145	31.5	15.4	46.4



#94
Hexachlorobutadiene
Concen: 19.898 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:	225	Resp:	35141
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.4	94.2
227	63.3	32.6	97.8



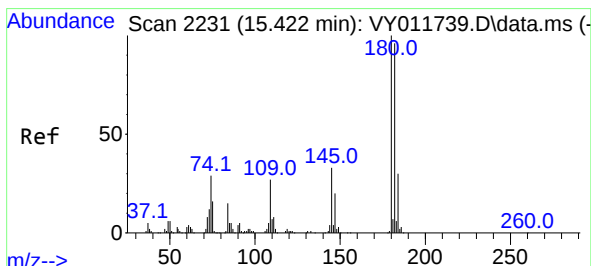
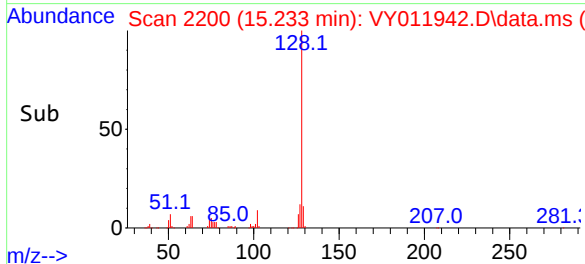
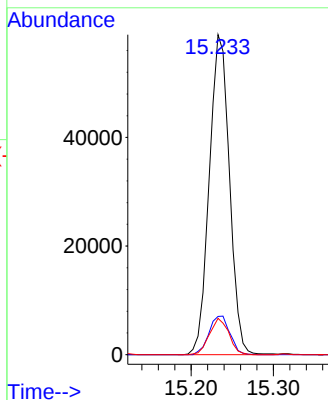
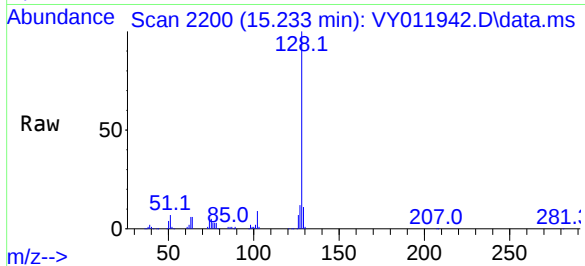


#95
Naphthalene
Concen: 19.490 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS01

Tgt Ion:128 Resp: 100592

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.774 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011942.D
Acq: 21 Dec 2022 13:25

Tgt Ion:180 Resp: 45694

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.7
145	32.5	16.1	48.2

