

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011806.D
 Acq On : 13 Dec 2022 19:57
 Operator : KP/MD
 Sample : N6037-11MSD
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-22-(8-10)MSD

Quant Time: Dec 13 22:20:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	210610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	327456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71013	49.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.700%
35) Dibromofluoromethane	7.716	113	74284	51.148	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.179	98	226351	47.064	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.483	95	94884	49.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41904	44.085	ug/l	100
3) Chloromethane	2.113	50	54754	48.492	ug/l	99
4) Vinyl Chloride	2.253	62	62026	45.769	ug/l	96
5) Bromomethane	2.625	94	46314	51.337	ug/l	94
6) Chloroethane	2.790	64	45634	43.695	ug/l	100
7) Trichlorofluoromethane	3.125	101	125942	43.501	ug/l	99
8) Diethyl Ether	3.527	74	50236	49.538	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	76174	44.075	ug/l	98
10) Methyl Iodide	4.088	142	79852	39.462	ug/l	99
11) Tert butyl alcohol	4.954	59	41860	247.205	ug/l	97
12) 1,1-Dichloroethene	3.875	96	69587	44.646	ug/l	99
13) Acrolein	3.729	56	51909	174.838	ug/l	99
14) Allyl chloride	4.478	41	121543	46.945	ug/l	99
15) Acrylonitrile	5.161	53	132973	244.299	ug/l	100
16) Acetone	3.942	43	131749	229.097	ug/l	98
17) Carbon Disulfide	4.192	76	149577	42.021	ug/l	99
18) Methyl Acetate	4.472	43	119630	88.721	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	252498	51.739	ug/l	96
20) Methylene Chloride	4.716	84	114939	56.964	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	81412	46.472	ug/l	96
22) Diisopropyl ether	6.118	45	295283	52.274	ug/l	98
23) Vinyl Acetate	6.057	43	454223	140.949	ug/l	100
24) 1,1-Dichloroethane	6.015	63	165173	48.118	ug/l	98
25) 2-Butanone	6.984	43	177690	240.210	ug/l	99
26) 2,2-Dichloropropane	6.984	77	146983	45.513	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	104749	48.923	ug/l	99
28) Bromochloromethane	7.332	49	62059	49.660	ug/l	99
29) Tetrahydrofuran	7.344	42	105638	250.902	ug/l	100
30) Chloroform	7.508	83	182478	49.725	ug/l	98
31) Cyclohexane	7.789	56	115944	47.090	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	155380	47.476	ug/l	99
36) 1,1-Dichloropropene	7.917	75	115067	46.307	ug/l	99
37) Ethyl Acetate	7.069	43	64816	44.616	ug/l	98
38) Carbon Tetrachloride	7.899	117	139049	47.638	ug/l	99
39) Methylcyclohexane	9.185	83	126277	45.164	ug/l	99
40) Benzene	8.161	78	358019	48.228	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	98489	134.295	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	115738	50.417	ug/l	100
43) Isopropyl Acetate	8.270	43	125986	47.826	ug/l	100
44) Trichloroethene	8.941	130	98560	47.406	ug/l	99
45) 1,2-Dichloropropane	9.215	63	96021	49.976	ug/l	100
46) Dibromomethane	9.307	93	53940	50.153	ug/l	99
47) Bromodichloromethane	9.496	83	143334	51.587	ug/l	97
48) Methyl methacrylate	9.295	41	65476	56.388	ug/l	100
49) 1,4-Dioxane	9.295	88	14610	980.576	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	378543	260.794	ug/l	100
52) Toluene	10.246	92	234194	49.625	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	141911	51.133	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	155970	50.019	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	83311	52.409	ug/l	99
56) Ethyl methacrylate	10.508	69	96640	47.095	ug/l	100
57) 1,3-Dichloropropane	10.788	76	135659	51.197	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	244643	257.105	ug/l	99
59) 2-Hexanone	10.831	43	268447	258.849	ug/l	100
60) Dibromochloromethane	10.983	129	103505	51.987	ug/l	100
61) 1,2-Dibromoethane	11.087	107	72113	50.075	ug/l	99
64) Tetrachloroethene	10.721	164	104592	49.725	ug/l	97
65) Chlorobenzene	11.514	112	258715	48.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	106356	51.178	ug/l	99
67) Ethyl Benzene	11.593	91	459184	48.648	ug/l	99
68) m/p-Xylenes	11.703	106	354200	97.988	ug/l	99
69) o-Xylene	12.032	106	173020	50.216	ug/l	99
70) Styrene	12.044	104	296699	50.454	ug/l	99
71) Bromoform	12.209	173	65450	51.060	ug/l #	99
73) Isopropylbenzene	12.331	105	463413	49.231	ug/l	99
74) N-amyl acetate	12.142	43	92468	40.858	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	91698	50.021	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	122807	83.548	ug/l #	100
77) Bromobenzene	12.605	156	108689	49.454	ug/l	97
78) n-propylbenzene	12.672	91	542510	48.093	ug/l	99
79) 2-Chlorotoluene	12.757	91	313273	48.660	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	394016	49.522	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	32169	49.662	ug/l	98
82) 4-Chlorotoluene	12.855	91	323207	48.403	ug/l	100
83) tert-Butylbenzene	13.074	119	344675	49.751	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	391628	49.992	ug/l	99
85) sec-Butylbenzene	13.251	105	495040	47.981	ug/l	99
86) p-Isopropyltoluene	13.367	119	418008	48.678	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	215271	48.672	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	211658	48.150	ug/l	100
89) n-Butylbenzene	13.696	91	366443	46.942	ug/l	99
90) Hexachloroethane	13.958	117	79869	46.806	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	196056	49.259	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15490	48.465	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	108569	46.770	ug/l	99
94) Hexachlorobutadiene	15.111	225	61112	41.434	ug/l	99
95) Naphthalene	15.239	128	224433	49.918	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	93195	46.479	ug/l	99

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QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

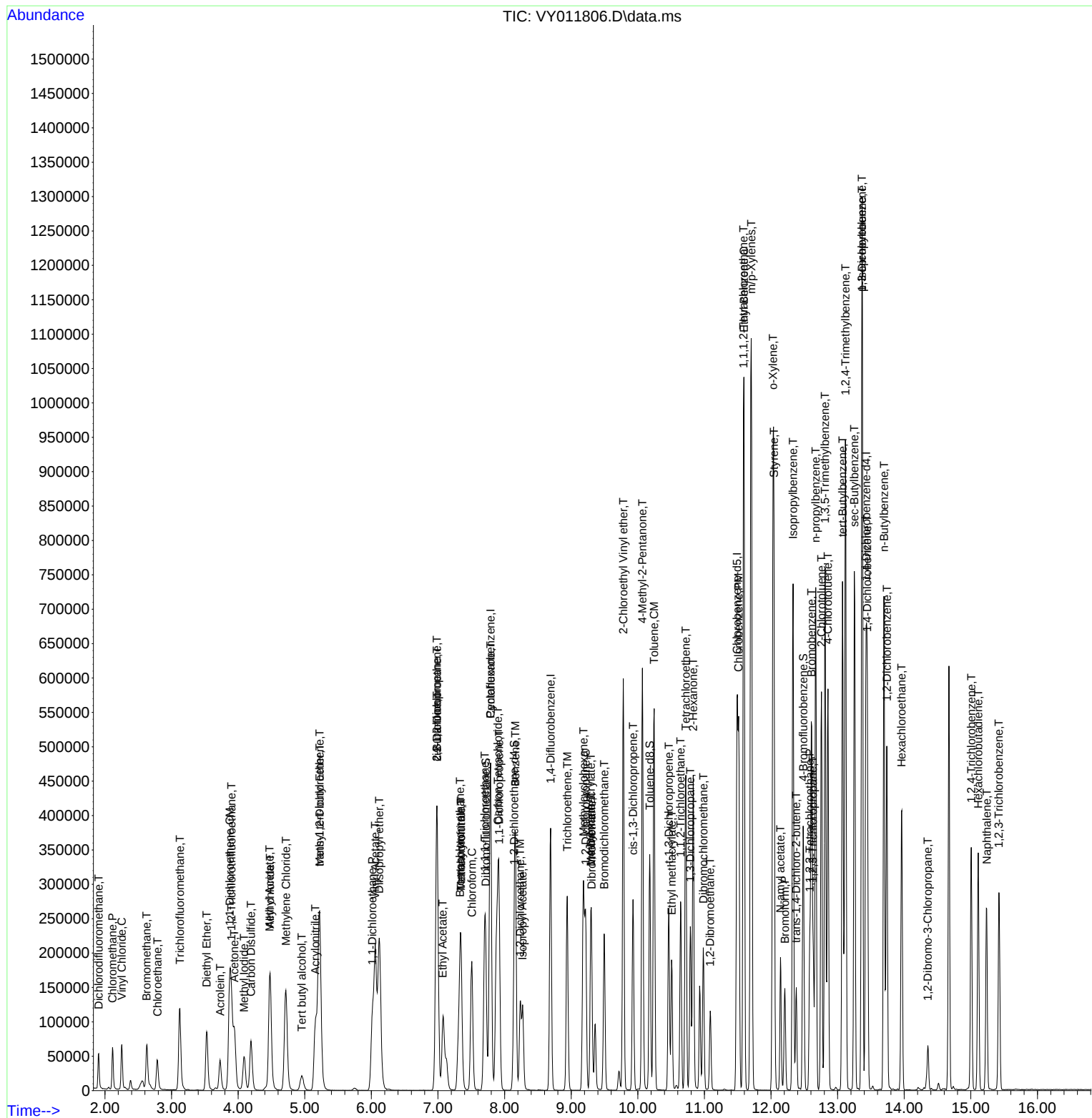
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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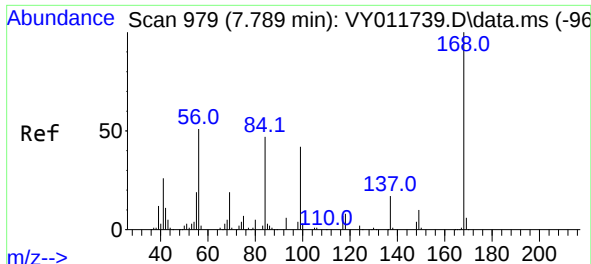
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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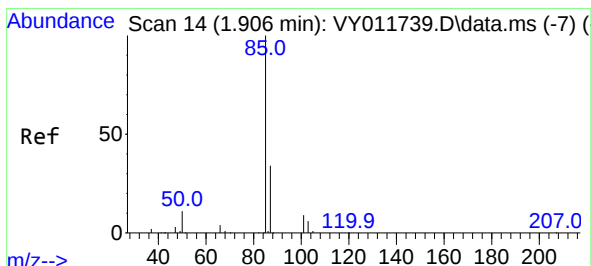
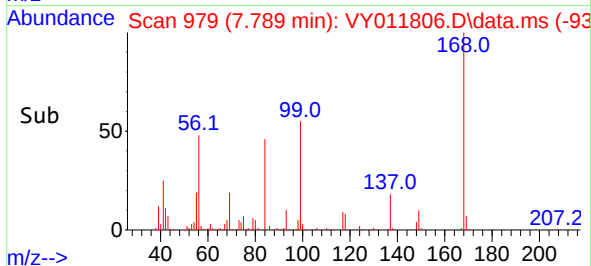
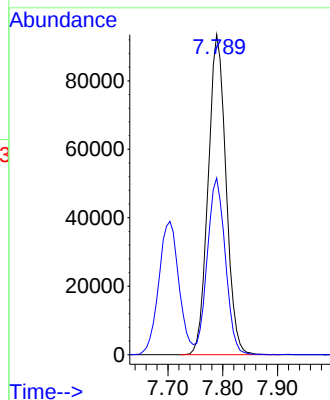
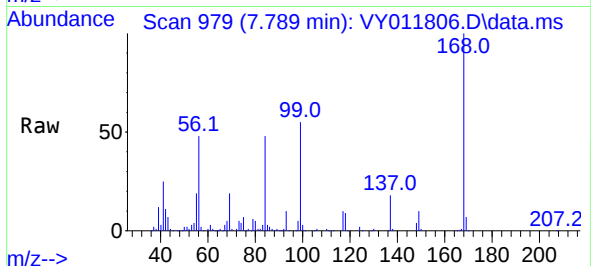




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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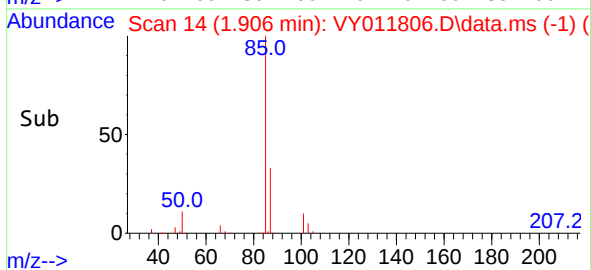
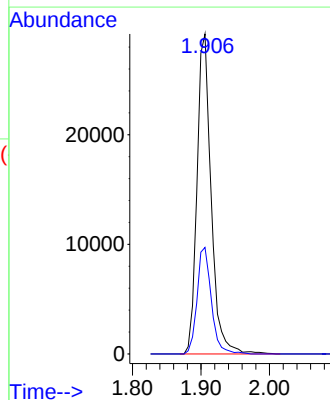
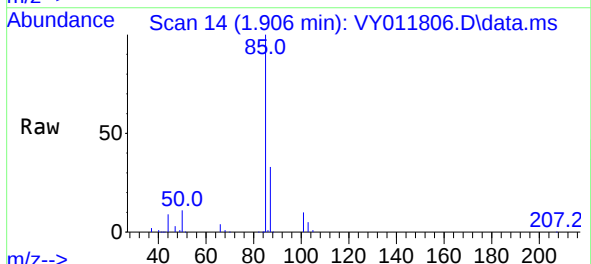
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion:168 Resp: 210610
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0

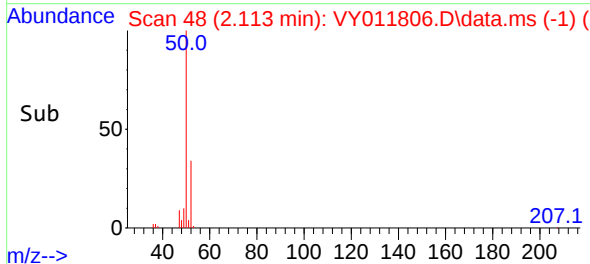
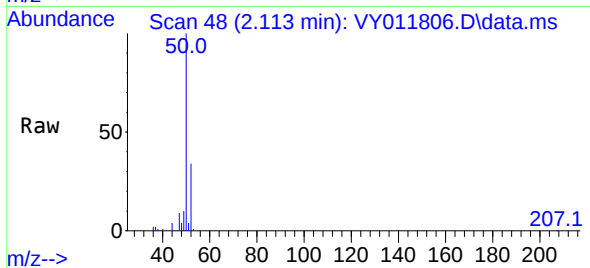
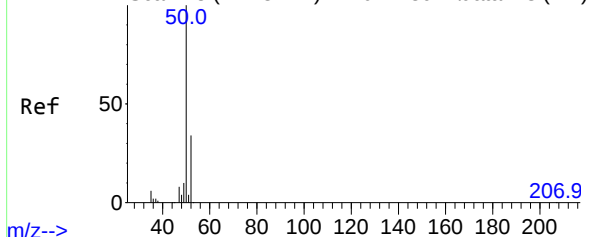


#2
Dichlorodifluoromethane
Concen: 44.085 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 85 Resp: 41904
Ion Ratio Lower Upper
85 100
87 33.3 16.8 50.4



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



#3

Chloromethane

Concen: 48.492 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

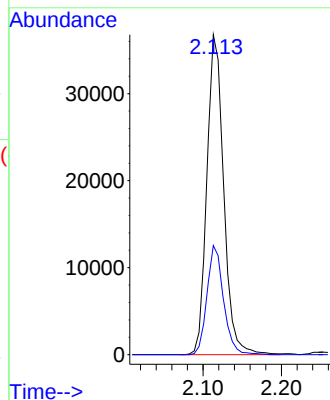
RB-22-(8-10)MSD

Tgt Ion: 50 Resp: 54754

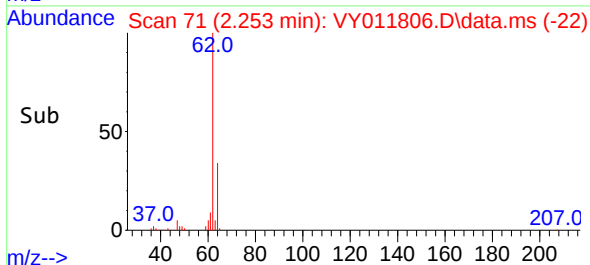
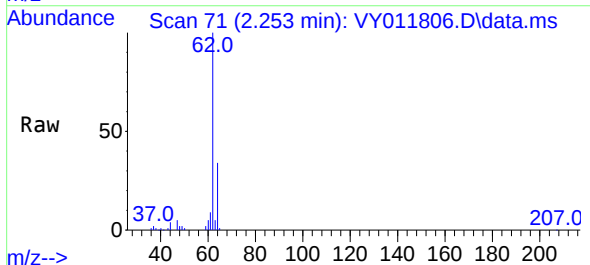
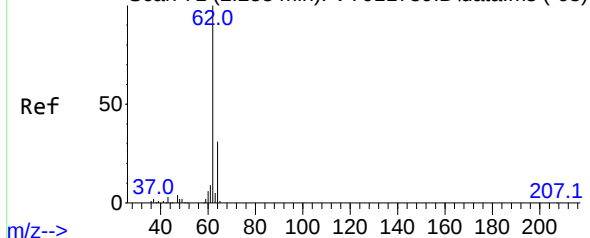
Ion Ratio Lower Upper

50 100

52 34.1 26.8 40.2



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



#4

Vinyl Chloride

Concen: 45.769 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY011806.D

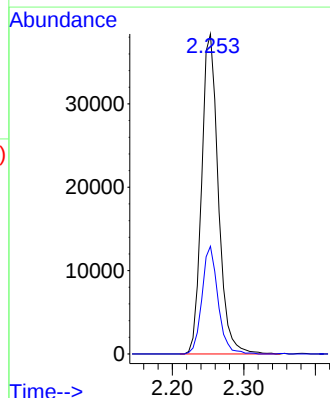
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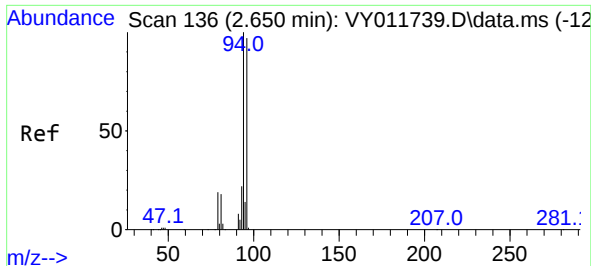
Tgt Ion: 62 Resp: 62026

Ion Ratio Lower Upper

62 100

64 33.7 25.0 37.6

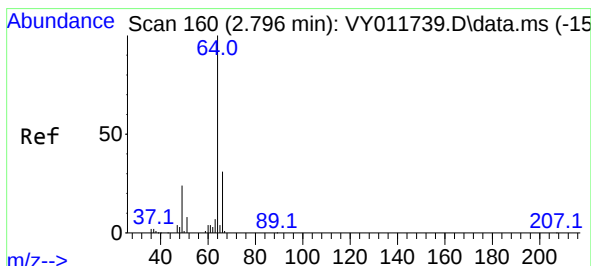
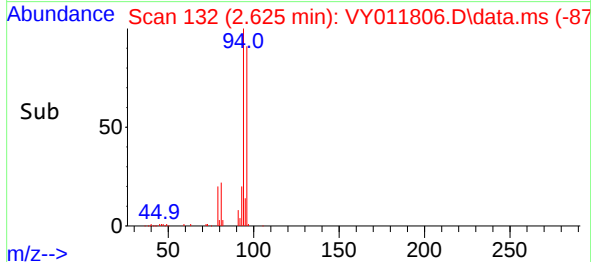
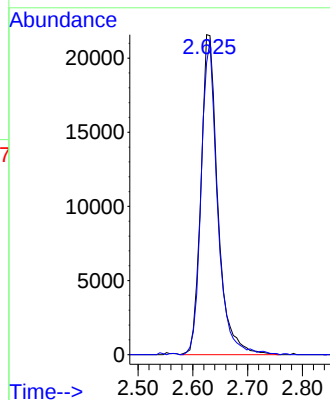
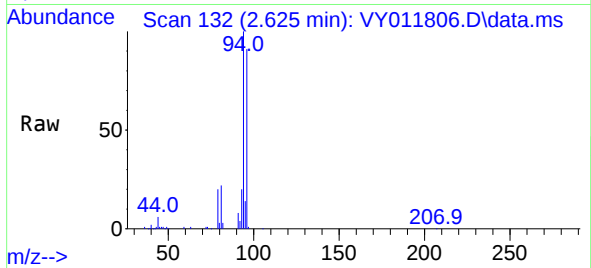




#5
Bromomethane
Concen: 51.337 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.025 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

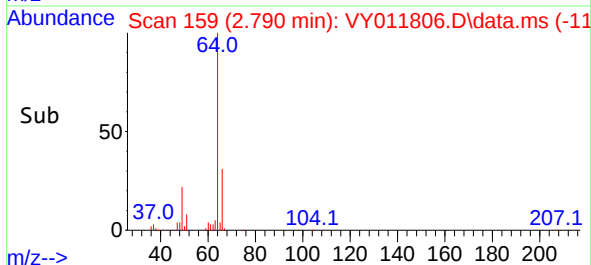
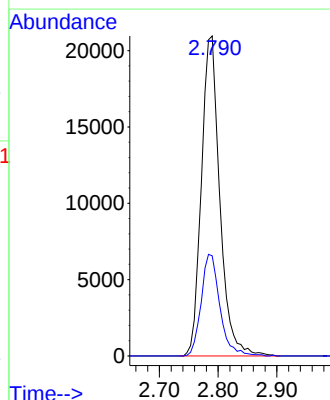
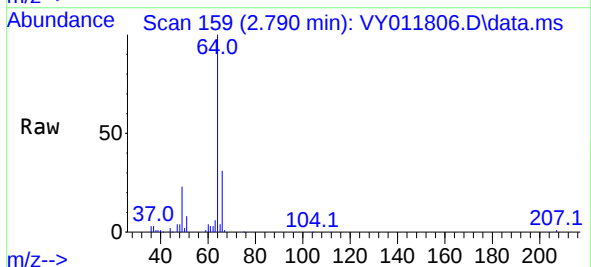
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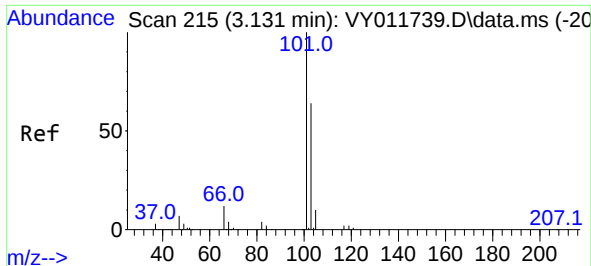
Tgt Ion: 94 Resp: 46314
Ion Ratio Lower Upper
94 100
96 91.2 77.4 116.2



#6
Chloroethane
Concen: 43.695 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 64 Resp: 45634
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.4

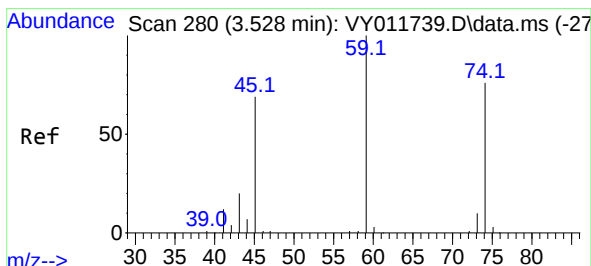
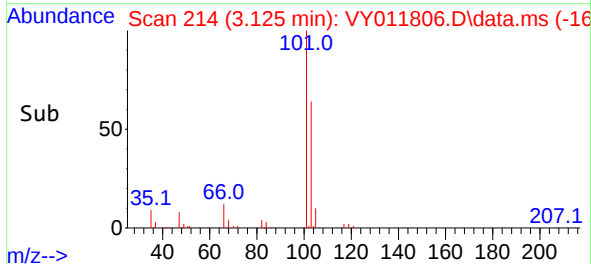
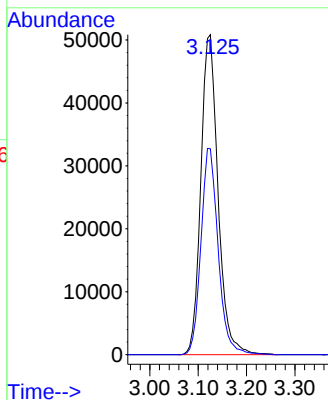
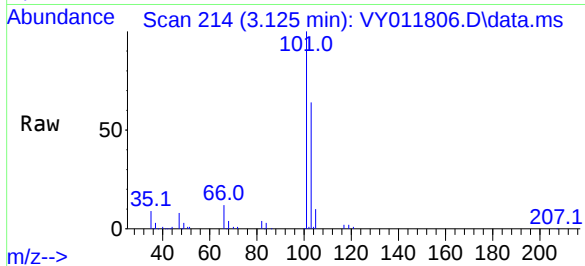




#7
Trichlorofluoromethane
Concen: 43.501 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

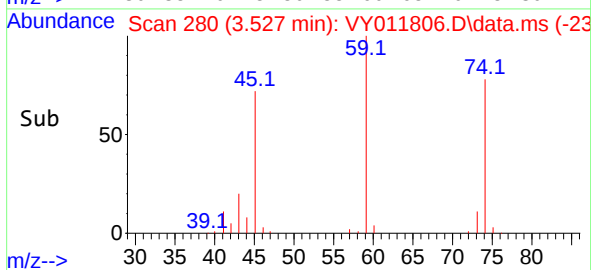
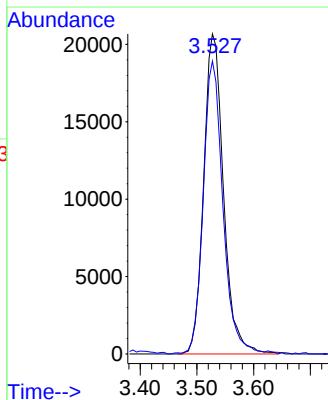
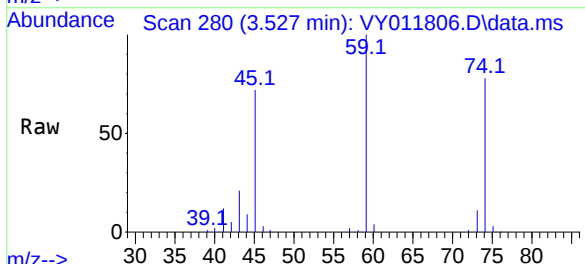
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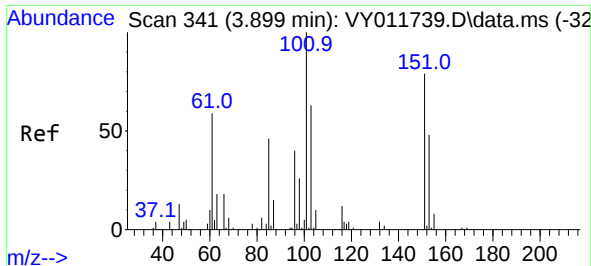
Tgt Ion:101 Resp: 125942
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6



#8
Diethyl Ether
Concen: 49.538 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 74 Resp: 50236
Ion Ratio Lower Upper
74 100
45 90.9 46.8 140.3

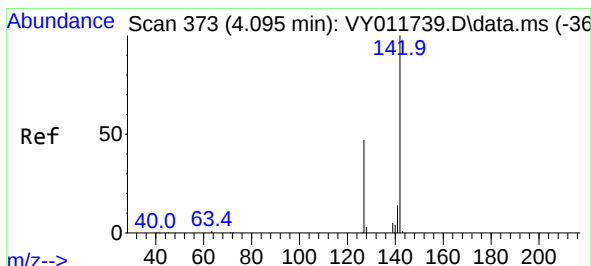
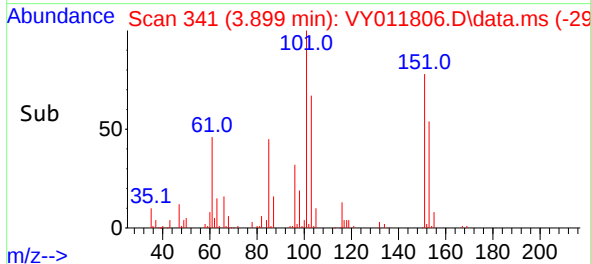
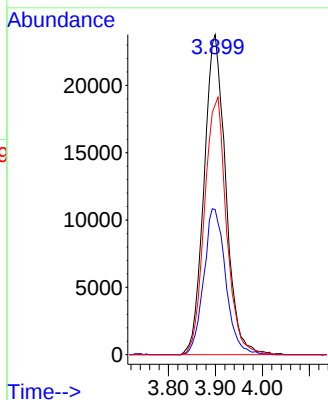
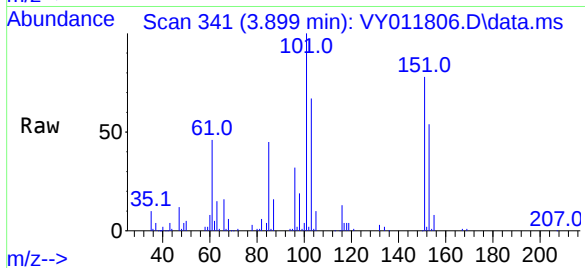




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.075 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

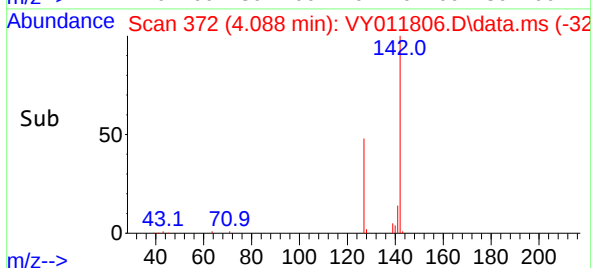
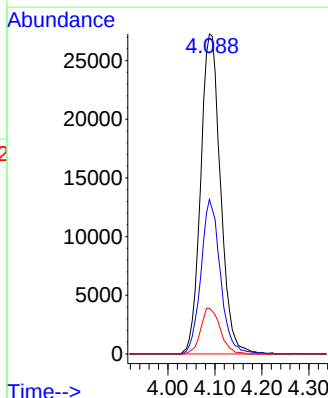
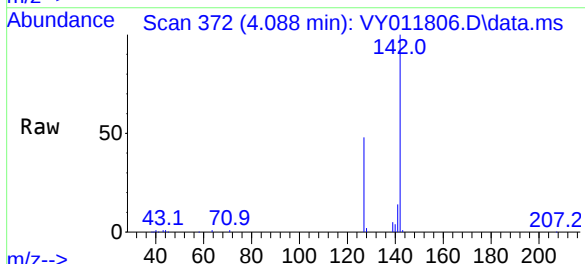
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

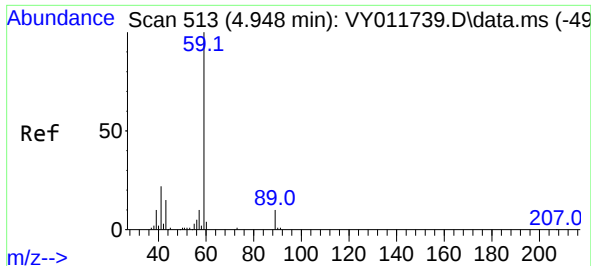
Tgt Ion:	101	Resp:	76174
Ion	Ratio	Lower	Upper
101	100		
85	46.1	36.2	54.2
151	81.6	64.2	96.2



#10
Methyl Iodide
Concen: 39.462 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:	142	Resp:	79852
Ion	Ratio	Lower	Upper
142	100		
127	47.1	37.0	55.4
141	14.1	11.4	17.0





#11

Tert butyl alcohol

Concen: 247.205 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

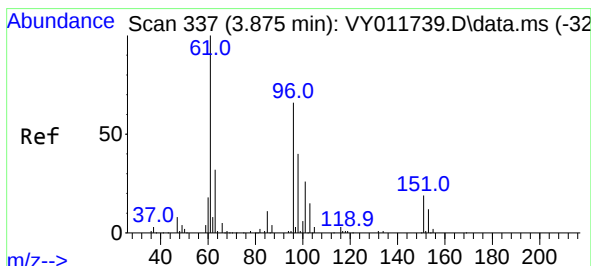
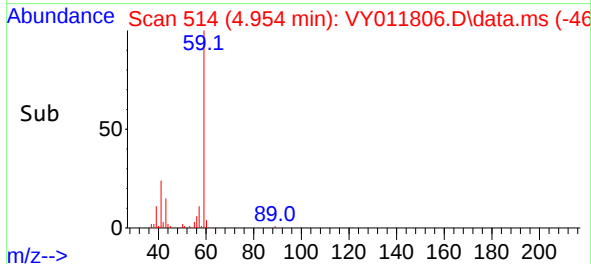
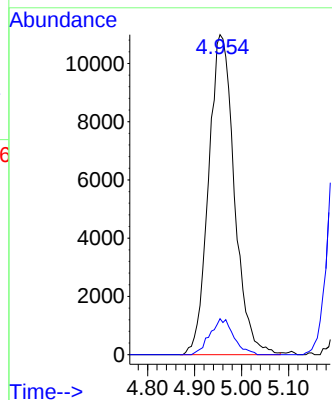
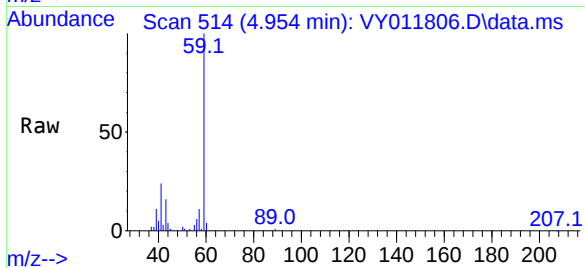
RB-22-(8-10)MSD

Tgt Ion: 59 Resp: 41860

Ion Ratio Lower Upper

59 100

57 10.3 7.4 11.2



#12

1,1-Dichloroethene

Concen: 44.646 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

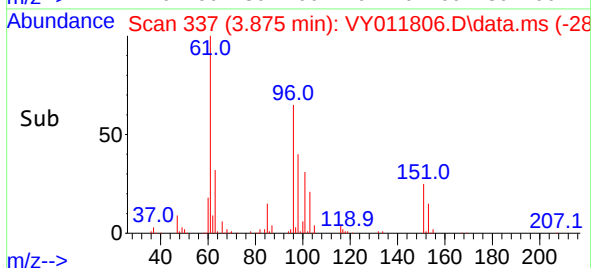
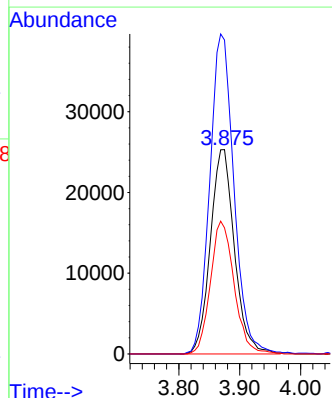
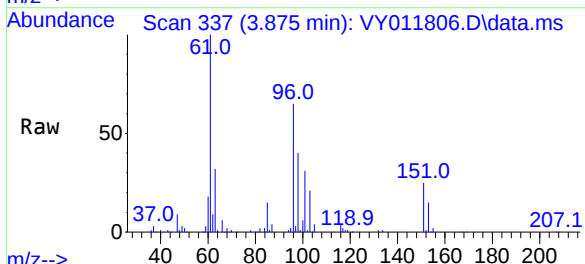
Tgt Ion: 96 Resp: 69587

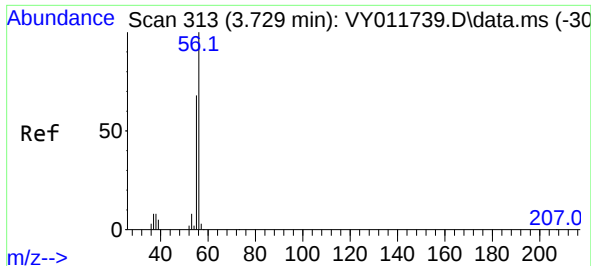
Ion Ratio Lower Upper

96 100

61 153.7 122.0 183.0

98 61.7 48.6 73.0

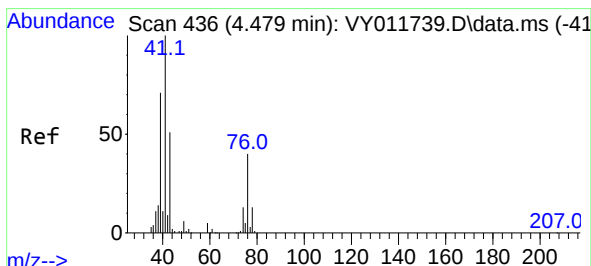
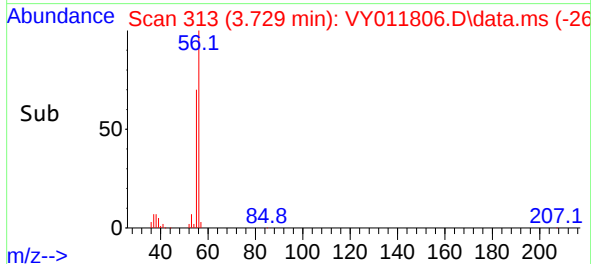
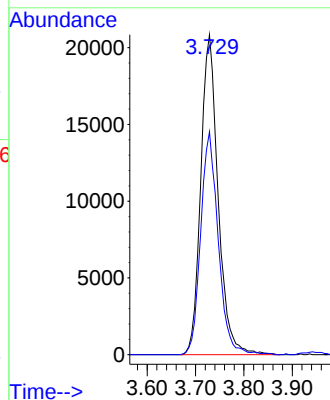
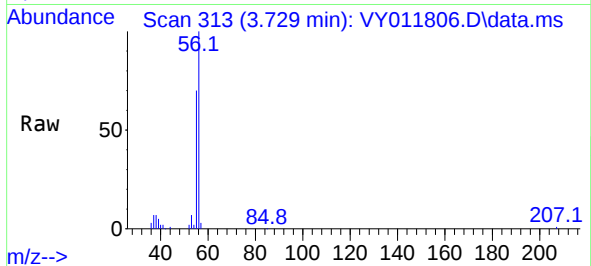




#13
Acrolein
Concen: 174.838 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

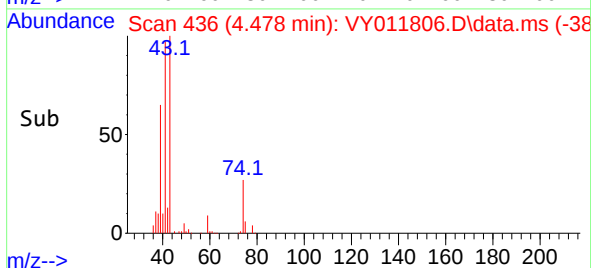
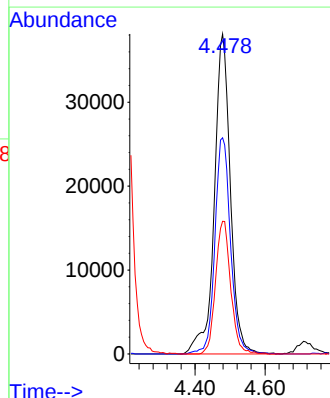
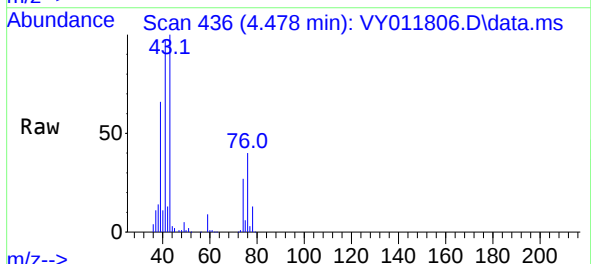
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

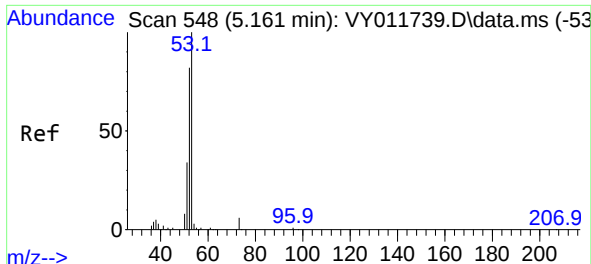
Tgt Ion: 56 Resp: 51909
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0



#14
Allyl chloride
Concen: 46.945 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 41 Resp: 121543
Ion Ratio Lower Upper
41 100
39 66.0 53.5 80.3
76 39.1 31.1 46.7

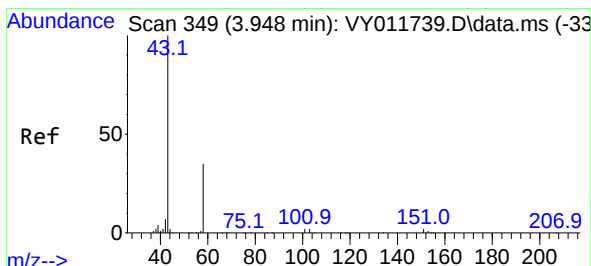
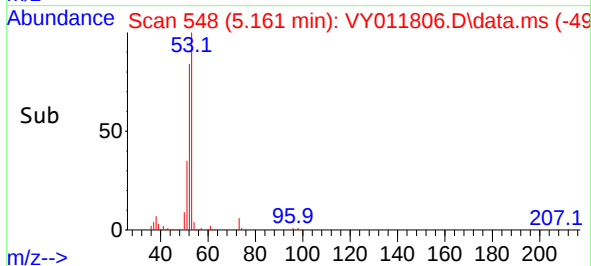
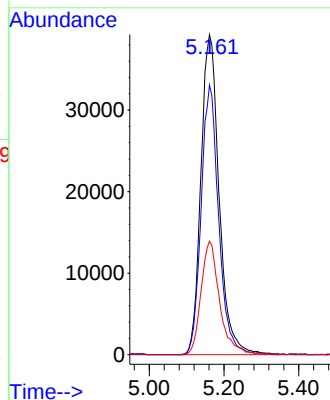
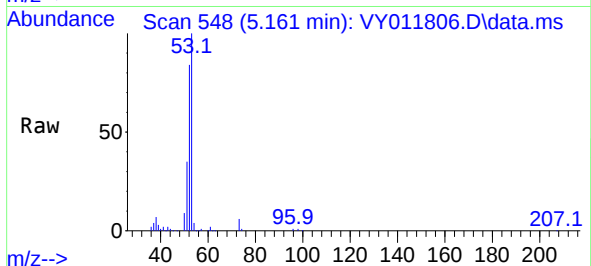




#15
Acrylonitrile
Concen: 244.299 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

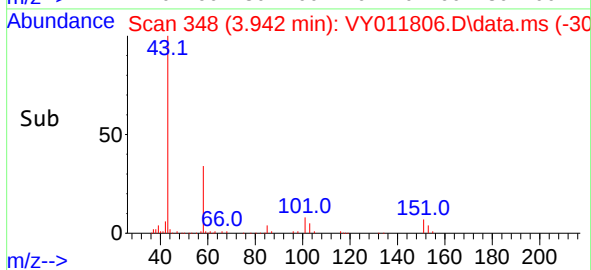
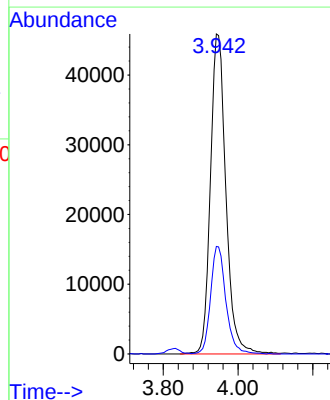
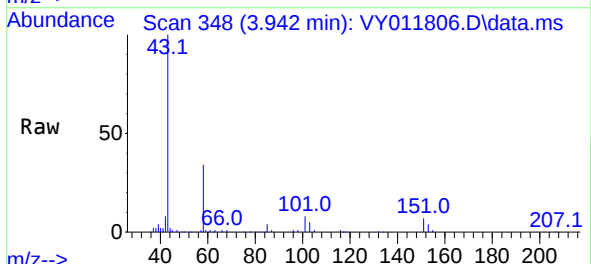
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

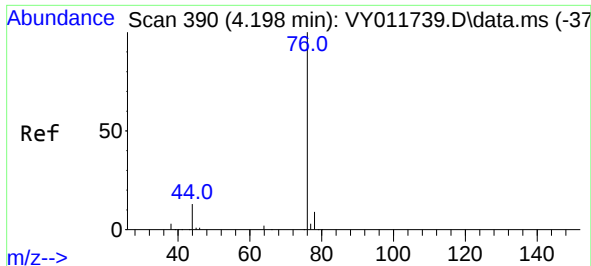
Tgt Ion: 53 Resp: 132973
Ion Ratio Lower Upper
53 100
52 81.2 65.1 97.7
51 36.2 28.7 43.1



#16
Acetone
Concen: 229.097 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 43 Resp: 131749
Ion Ratio Lower Upper
43 100
58 33.6 27.9 41.9

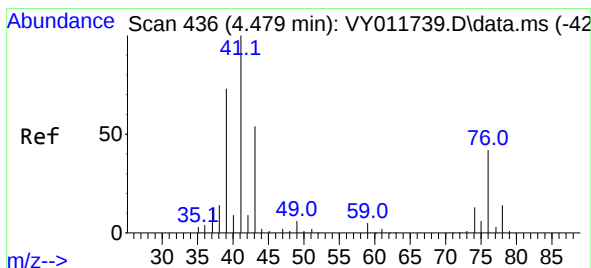
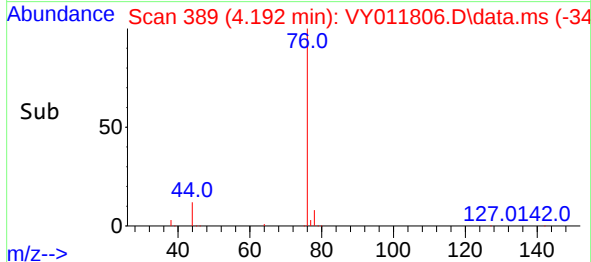
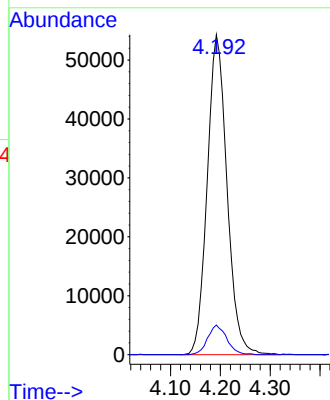
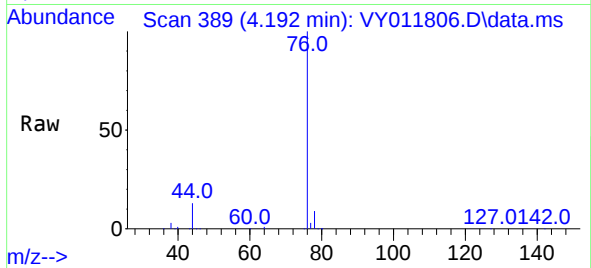




#17
Carbon Disulfide
Concen: 42.021 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

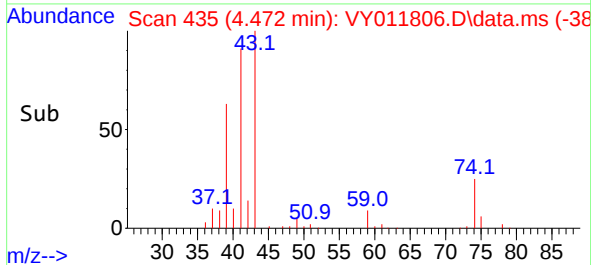
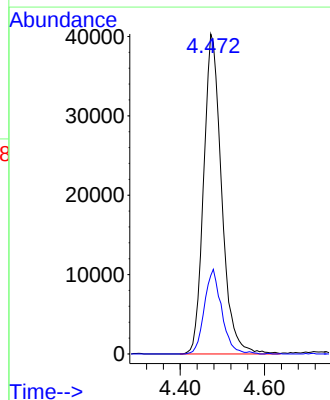
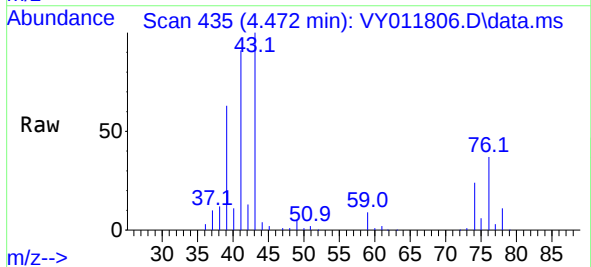
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

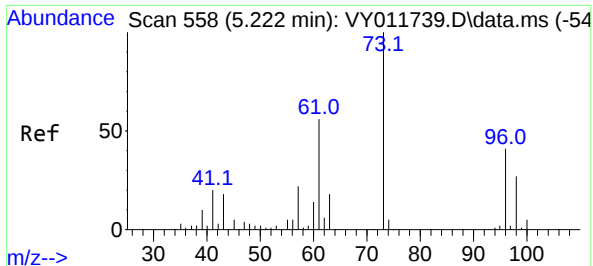
Tgt Ion: 76 Resp: 149577
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 88.721 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 43 Resp: 119630
Ion Ratio Lower Upper
43 100
74 25.4 20.1 30.1

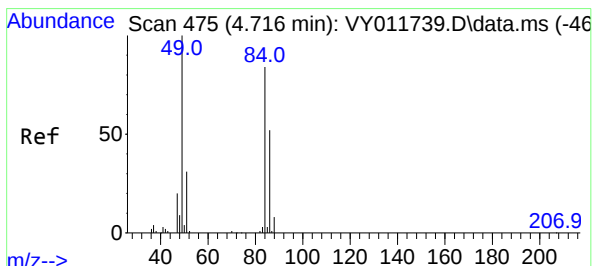
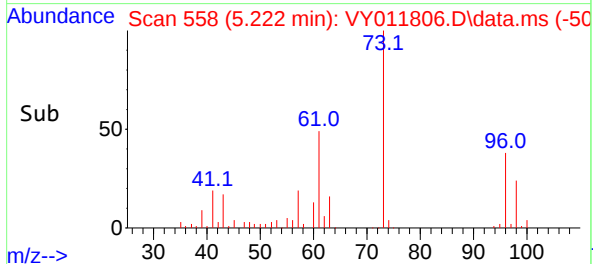
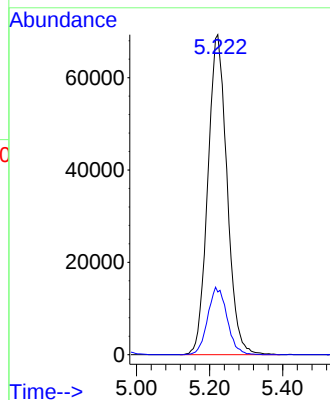
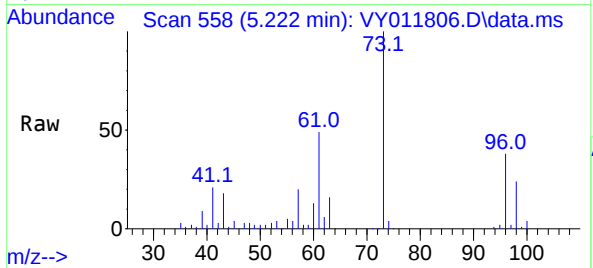




#19
Methyl tert-butyl Ether
Concen: 51.739 ug/l
RT: 5.222 min Scan# 519
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

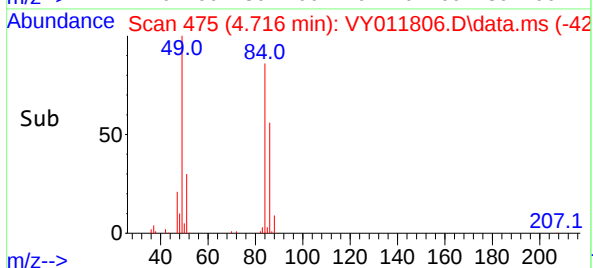
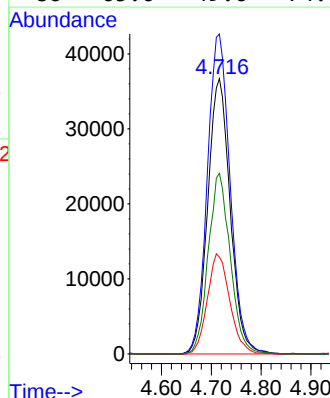
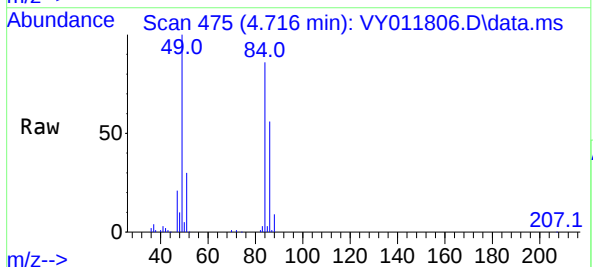
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

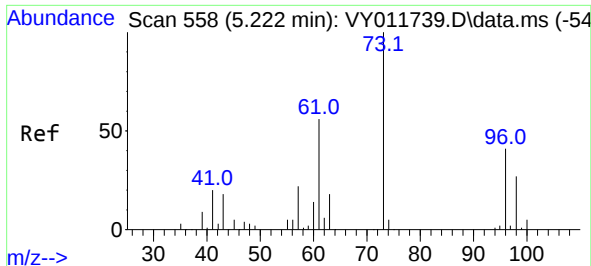
Tgt Ion: 73 Resp: 252498
Ion Ratio Lower Upper
73 100
57 19.6 17.4 26.0



#20
Methylene Chloride
Concen: 56.964 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 84 Resp: 114939
Ion Ratio Lower Upper
84 100
49 116.2 95.4 143.2
51 35.2 29.9 44.9
86 65.6 49.6 74.4

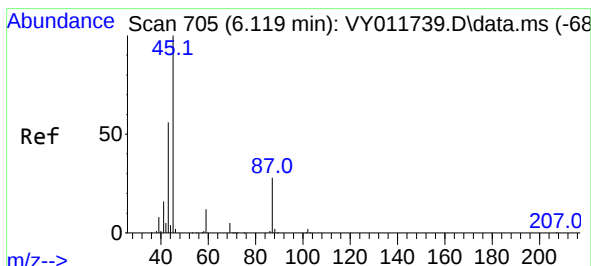
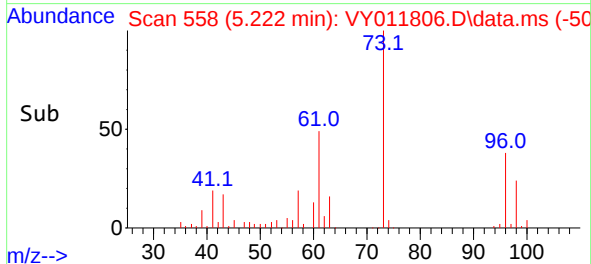
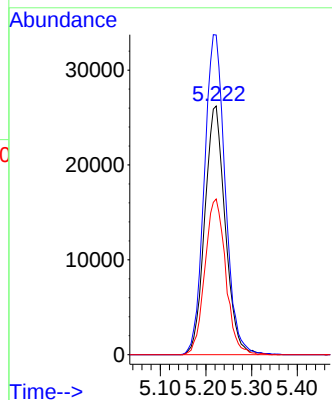
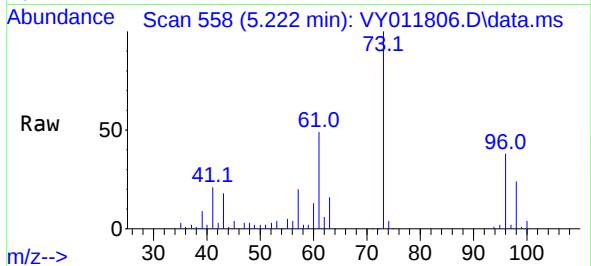




#21
trans-1,2-Dichloroethene
Concen: 46.472 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

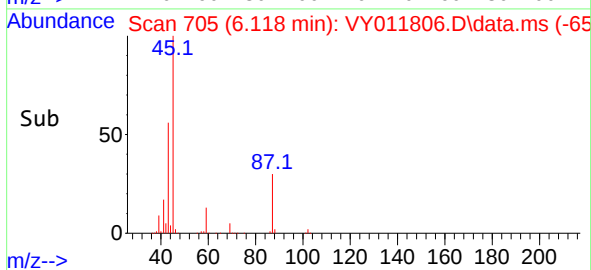
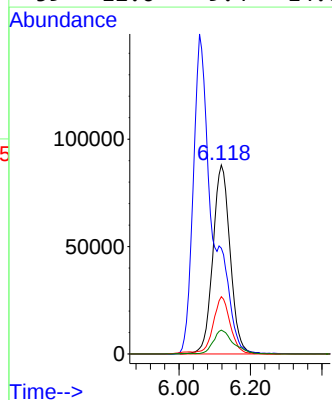
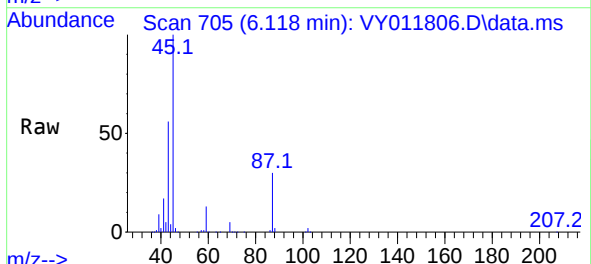
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

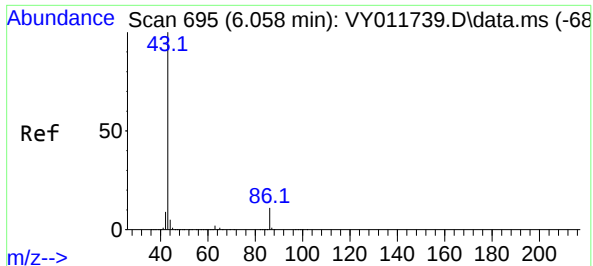
Tgt Ion: 96 Resp: 81412
Ion Ratio Lower Upper
96 100
61 128.6 108.0 162.0
98 62.6 51.6 77.4



#22
Diisopropyl ether
Concen: 52.274 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 45 Resp: 295283
Ion Ratio Lower Upper
45 100
43 55.7 45.0 67.4
87 30.3 22.6 33.8
59 12.6 9.4 14.0

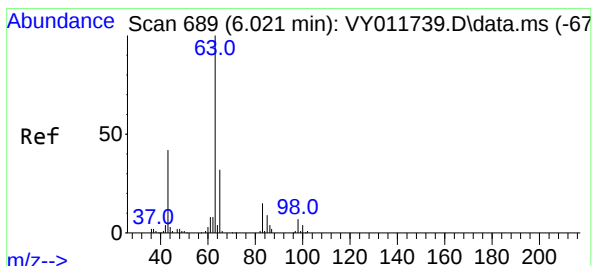
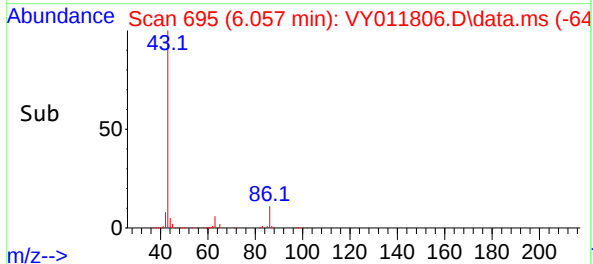
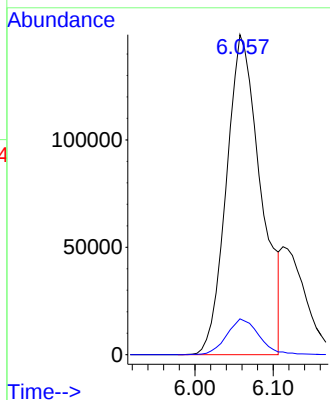
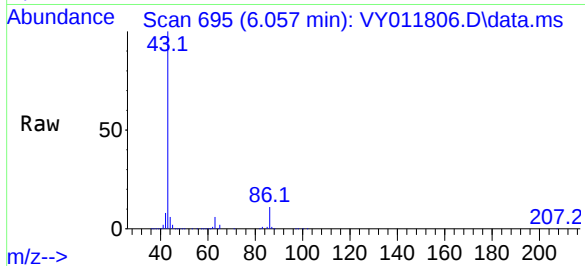




#23
 Vinyl Acetate
 Concen: 140.949 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011806.D
 Acq: 13 Dec 2022 19:57

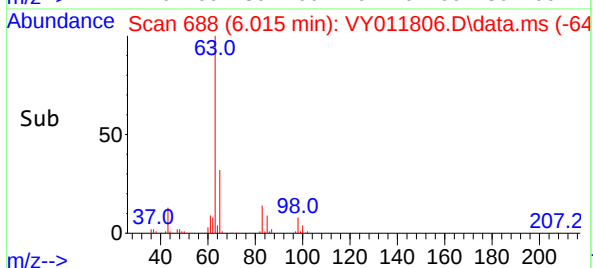
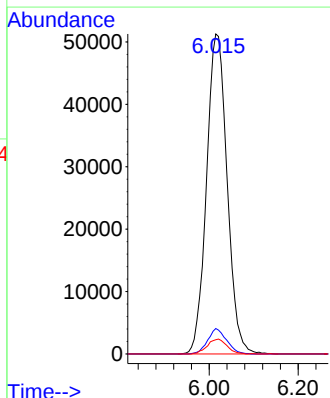
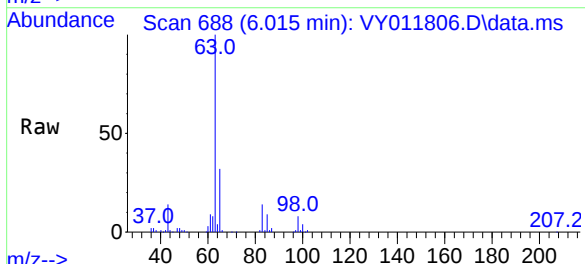
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-22-(8-10)MSD

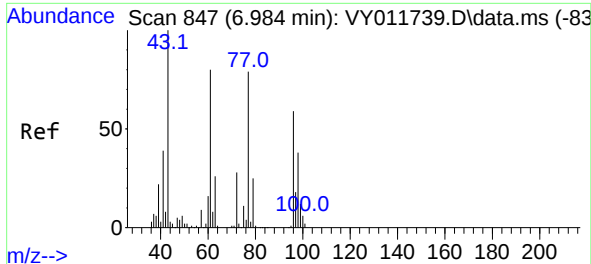
Tgt Ion: 43 Resp: 454223
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 48.118 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011806.D
 Acq: 13 Dec 2022 19:57

Tgt Ion: 63 Resp: 165173
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.5
 100 4.5 2.2 6.6

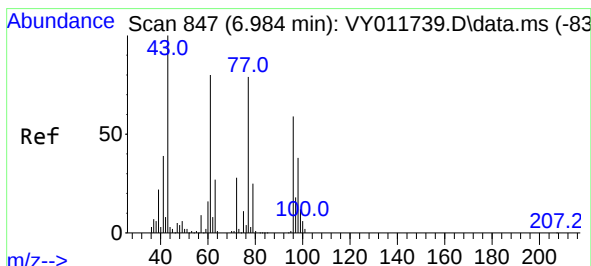
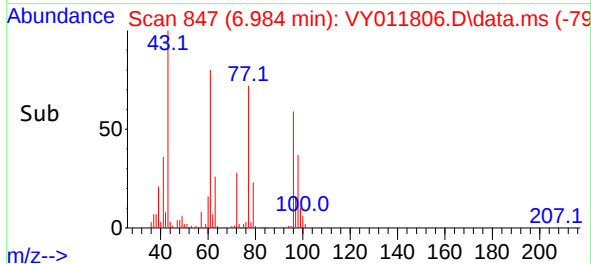
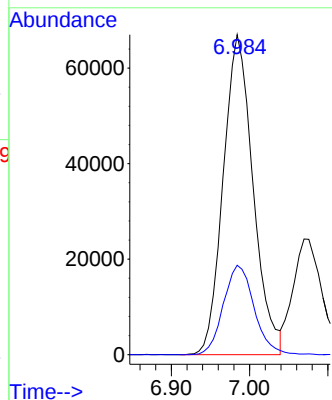
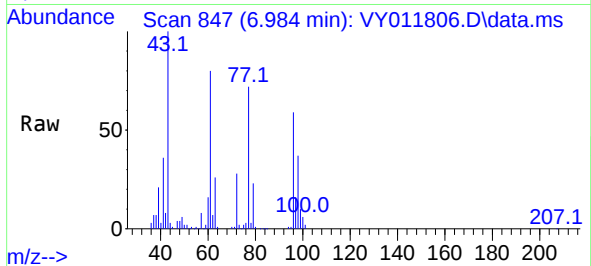




#25
2-Butanone
Concen: 240.210 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

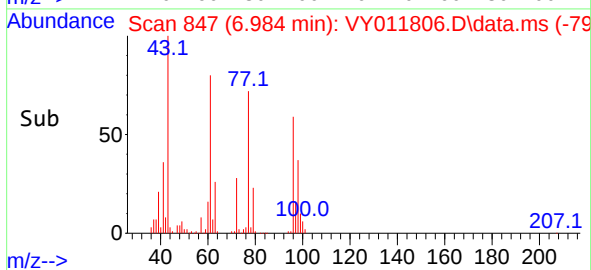
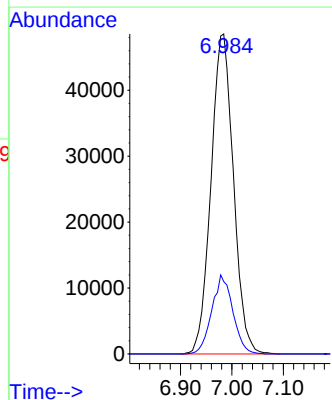
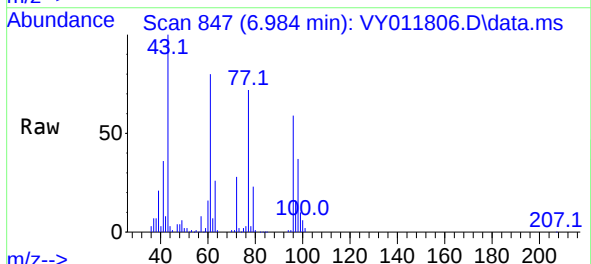
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

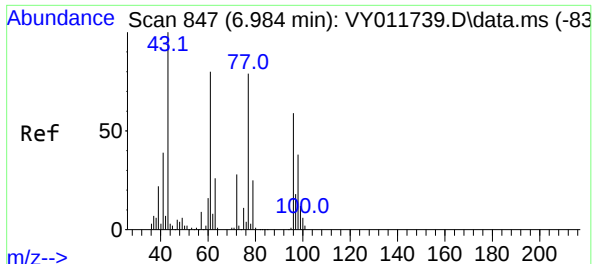
Tgt Ion: 43 Resp: 177690
Ion Ratio Lower Upper
43 100
72 28.0 22.6 34.0



#26
2,2-Dichloropropane
Concen: 45.513 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 77 Resp: 146983
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1



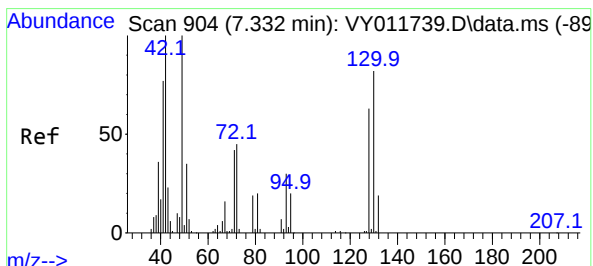
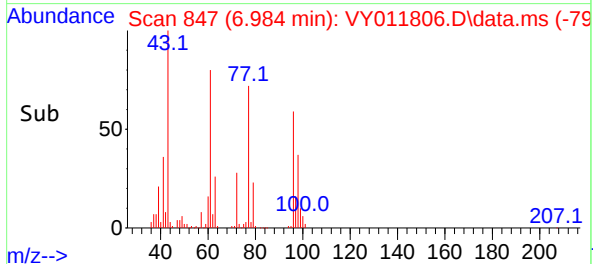
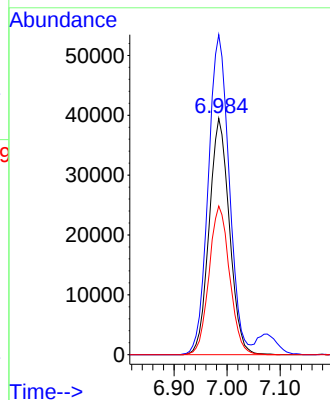
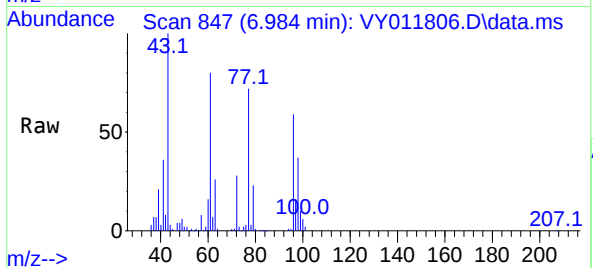


#27
 cis-1,2-Dichloroethene
 Concen: 48.923 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY011806.D
 Acq: 13 Dec 2022 19:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-22-(8-10)MSD

Tgt Ion: 96 Resp: 104749

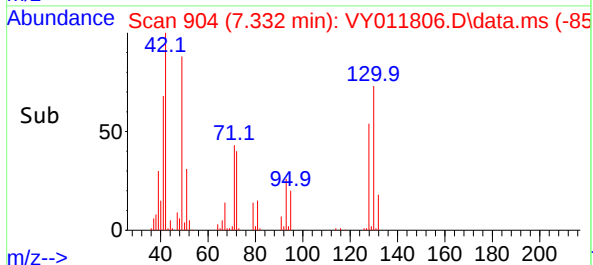
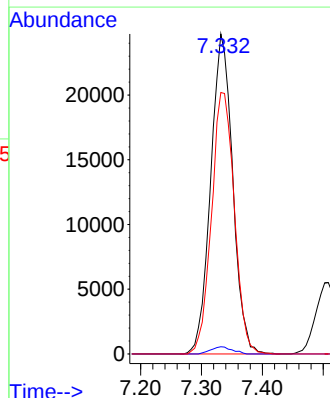
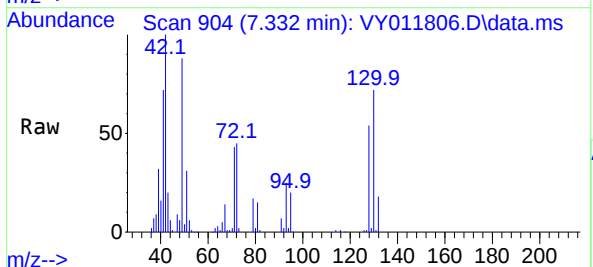
Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	283.4
98	63.9	0.0	127.6

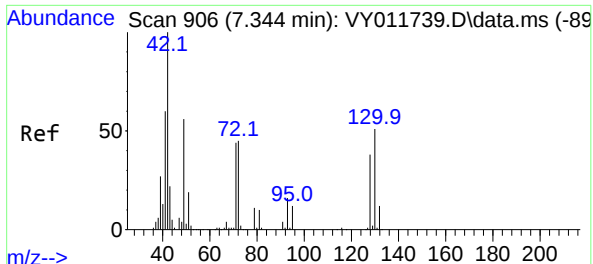


#28
 Bromochloromethane
 Concen: 49.660 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011806.D
 Acq: 13 Dec 2022 19:57

Tgt Ion: 49 Resp: 62059

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	84.6	66.7	100.1

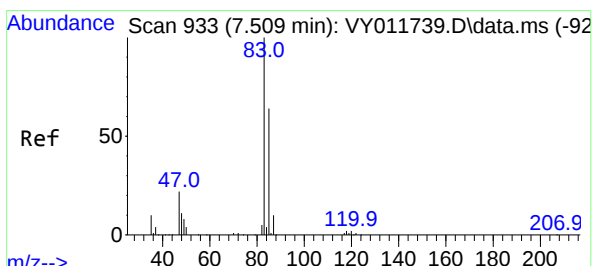
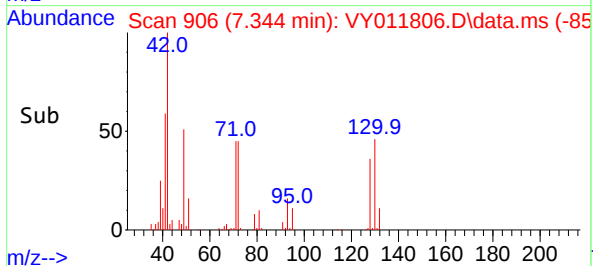
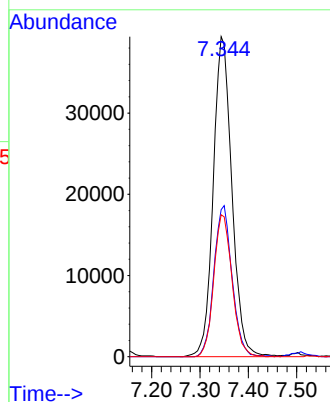
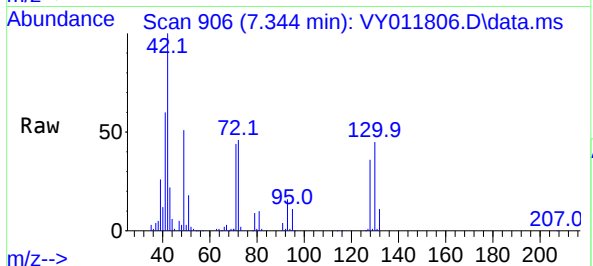




#29
Tetrahydrofuran
Concen: 250.902 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

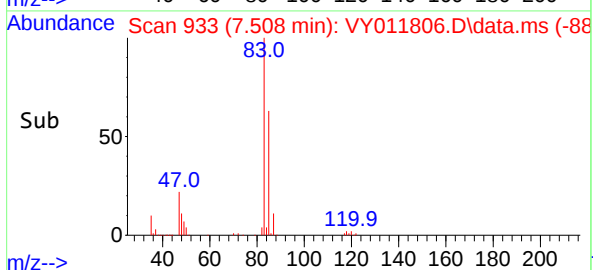
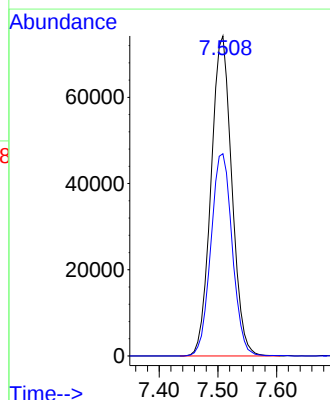
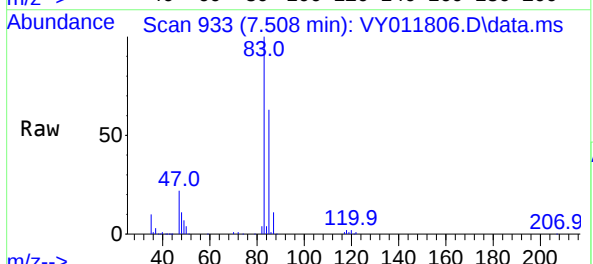
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

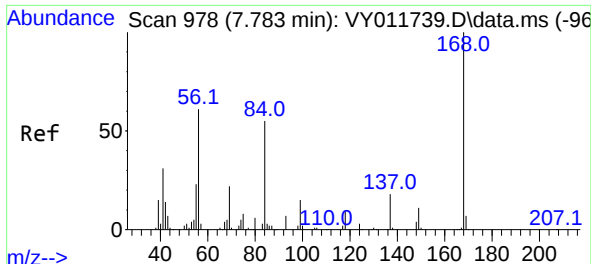
Tgt Ion: 42 Resp: 105638
Ion Ratio Lower Upper
42 100
72 45.9 37.0 55.6
71 43.4 34.9 52.3



#30
Chloroform
Concen: 49.725 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 83 Resp: 182478
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3

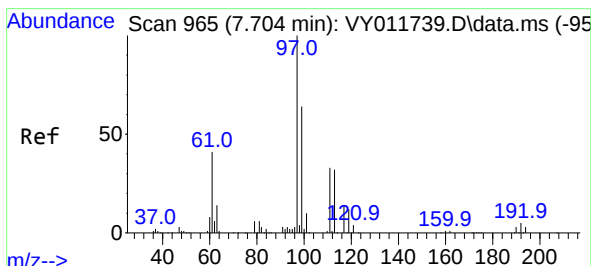
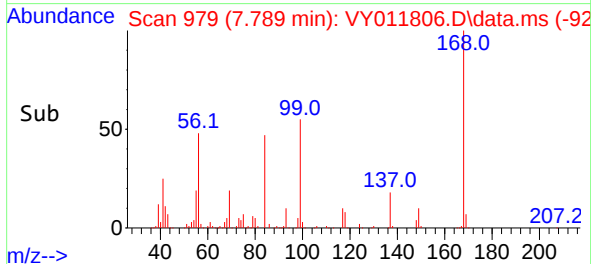
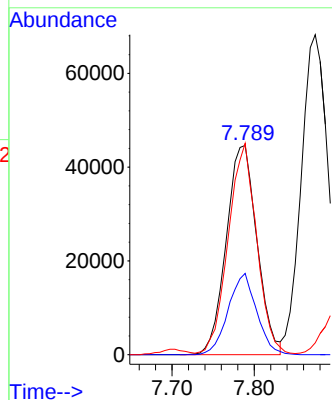
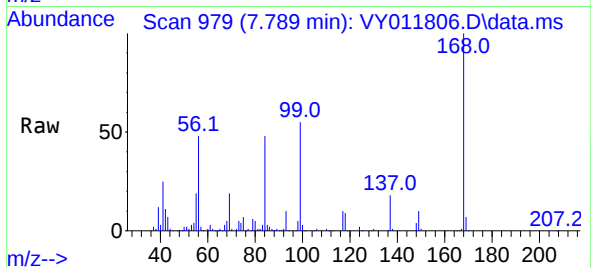




#31
Cyclohexane
Concen: 47.090 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

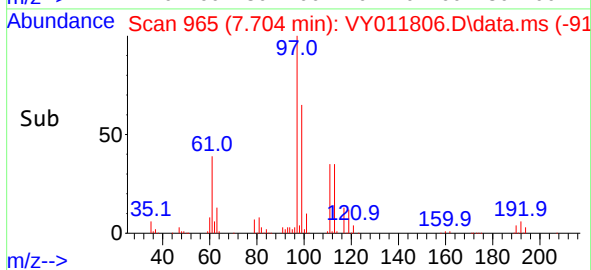
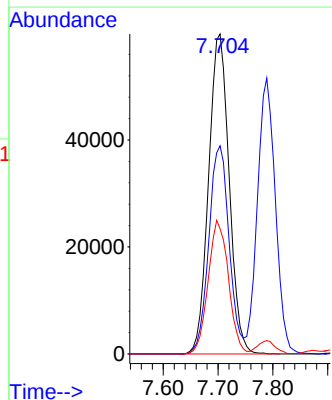
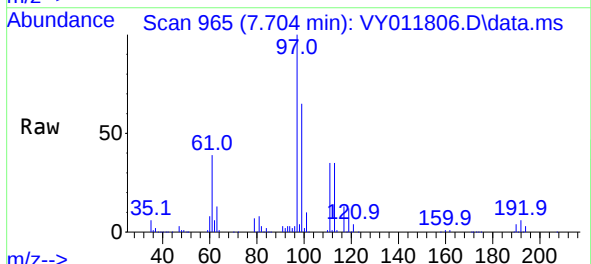
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

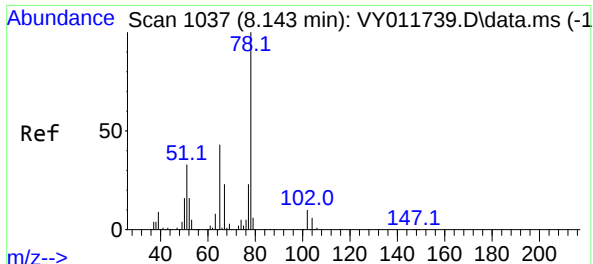
Tgt Ion: 56 Resp: 115944
Ion Ratio Lower Upper
56 100
69 38.9 29.2 43.8
84 99.1 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 47.476 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 97 Resp: 155380
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 41.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 49.349 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

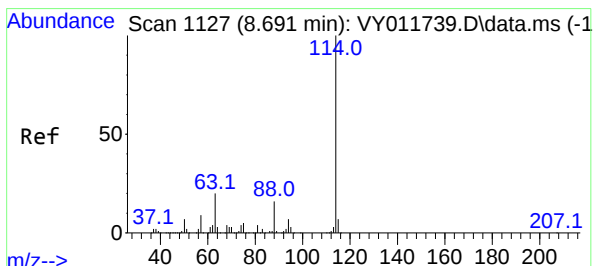
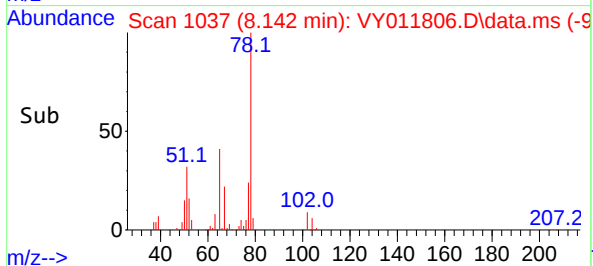
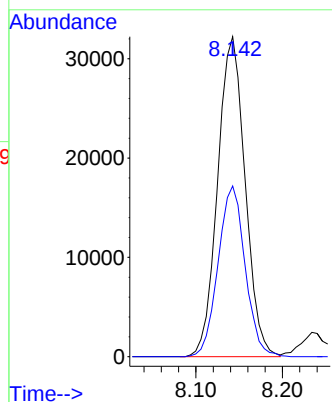
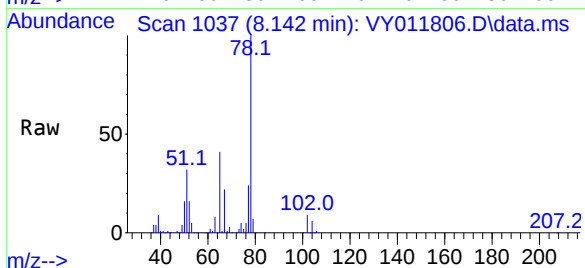
RB-22-(8-10)MSD

Tgt Ion: 65 Resp: 71013

Ion Ratio Lower Upper

65 100

67 52.4 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: VY011806.D

Acq: 13 Dec 2022 19:57

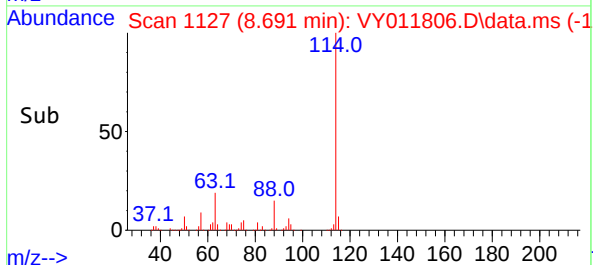
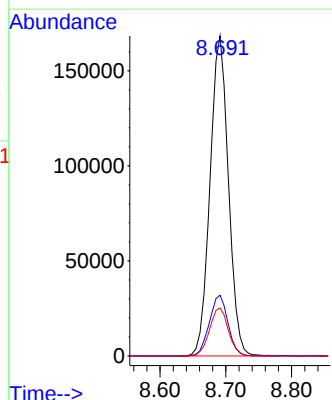
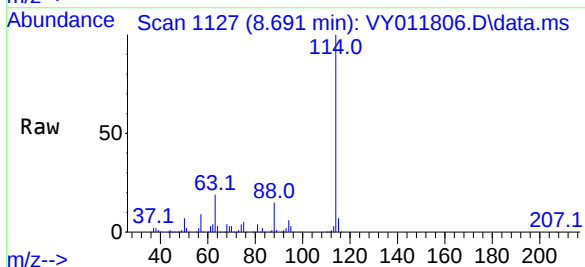
Tgt Ion: 114 Resp: 327456

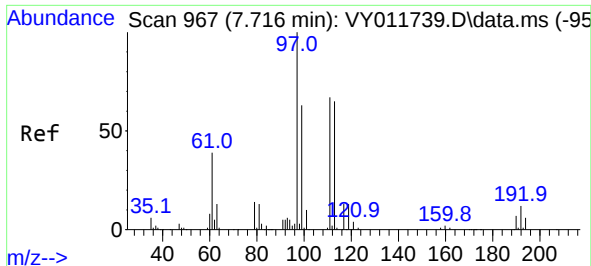
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.0 0.0 32.2

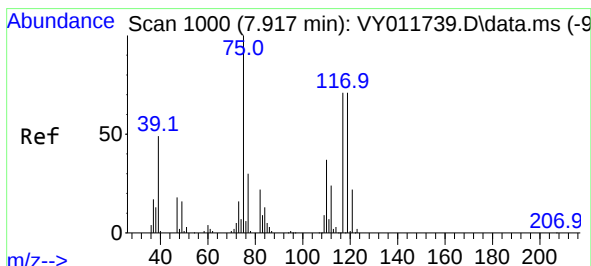
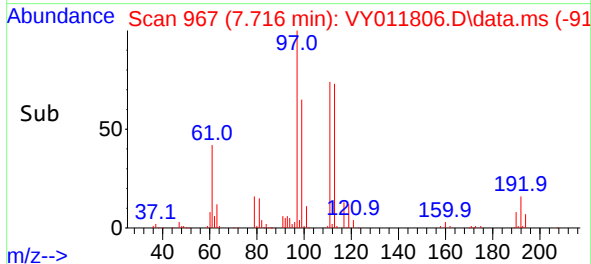
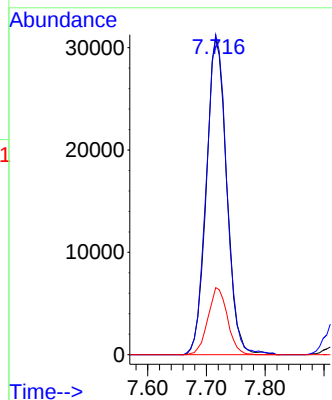
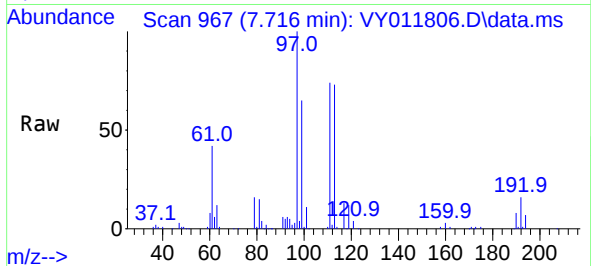




#35
Dibromofluoromethane
Concen: 51.148 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

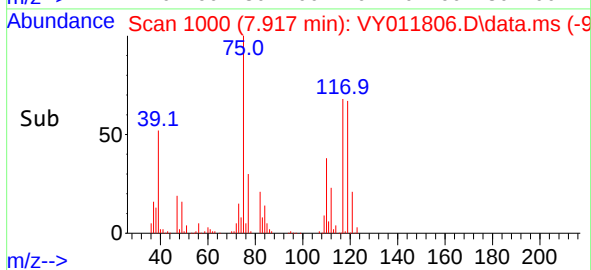
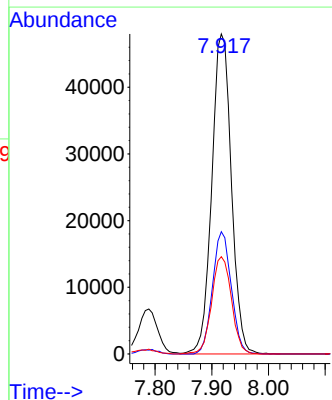
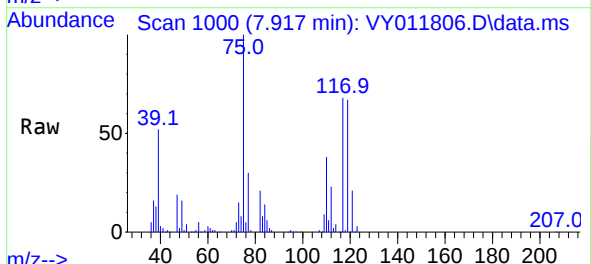
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

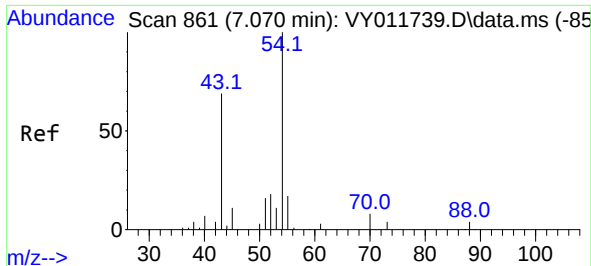
Tgt Ion:113 Resp: 74284
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.4
192 20.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 46.307 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 75 Resp: 115067
Ion Ratio Lower Upper
75 100
110 36.6 18.1 54.1
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 44.616 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

RB-22-(8-10)MSD

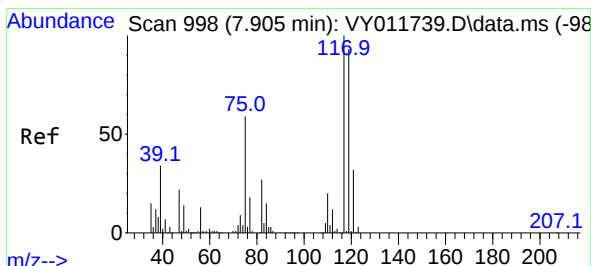
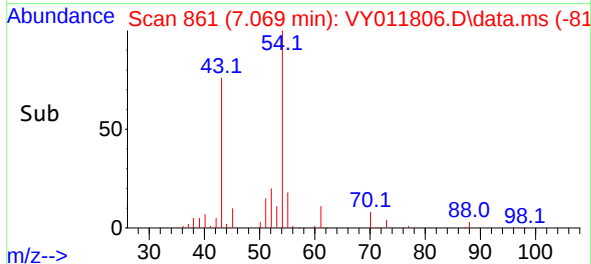
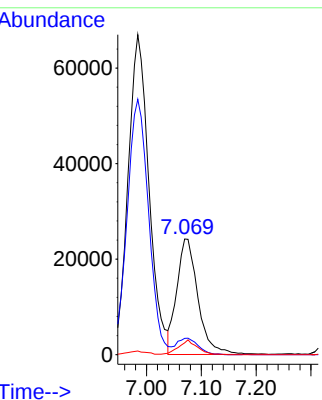
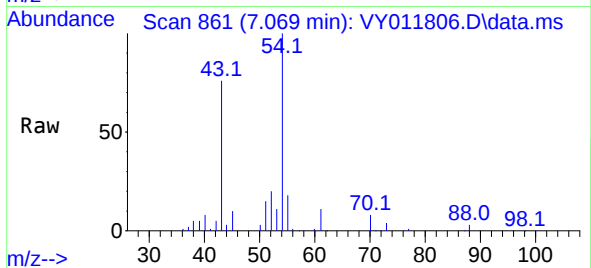
Tgt Ion: 43 Resp: 64816

Ion Ratio Lower Upper

43 100

61 14.4 11.3 16.9

70 11.3 8.2 12.4



#38

Carbon Tetrachloride

Concen: 47.638 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

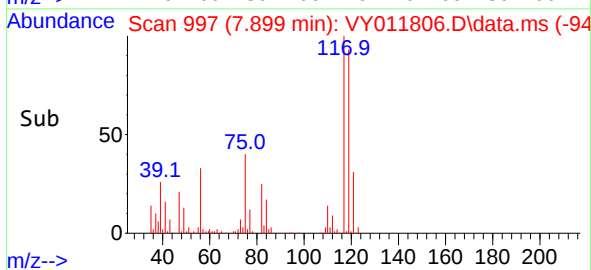
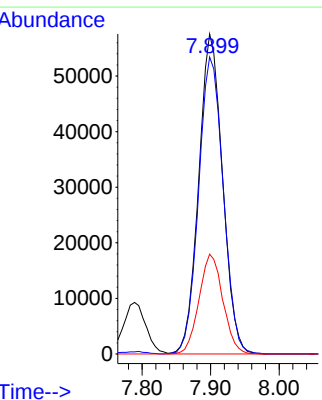
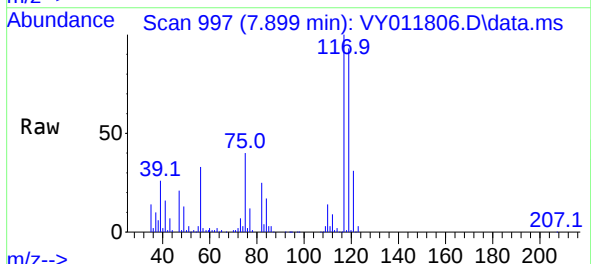
Tgt Ion: 117 Resp: 139049

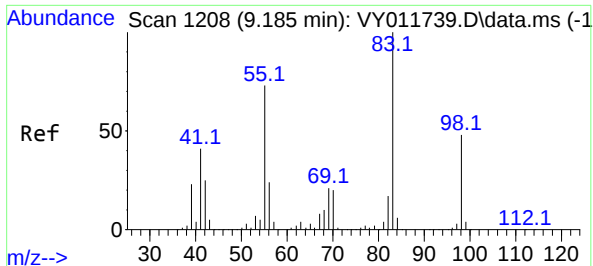
Ion Ratio Lower Upper

117 100

119 92.8 73.8 110.8

121 31.2 25.2 37.8





#39

Methylcyclohexane

Concen: 45.164 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

RB-22-(8-10)MSD

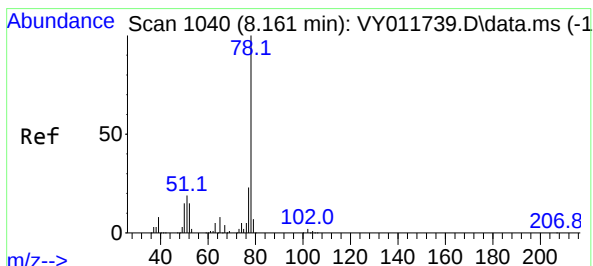
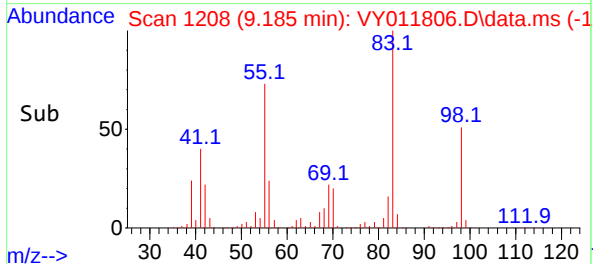
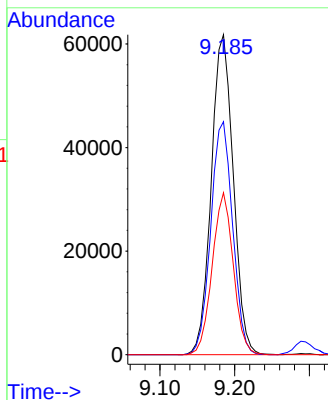
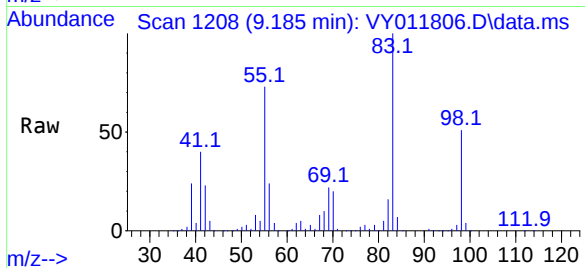
Tgt Ion: 83 Resp: 126277

Ion Ratio Lower Upper

83 100

55 72.8 58.2 87.2

98 50.6 38.6 58.0



#40

Benzene

Concen: 48.228 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011806.D

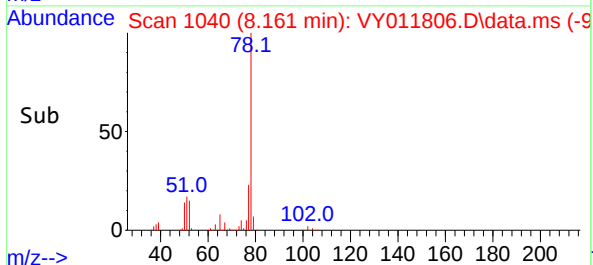
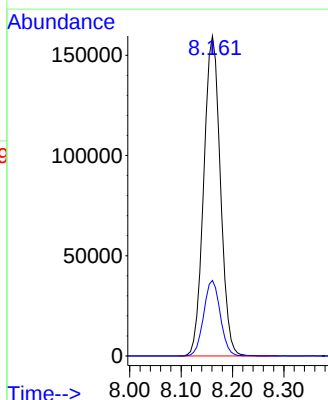
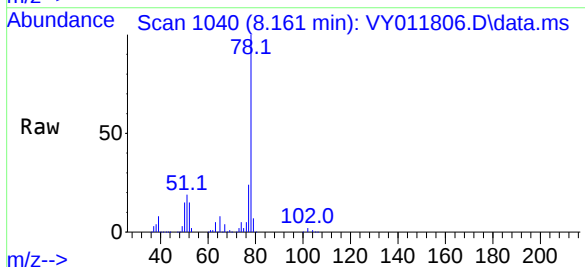
Acq: 13 Dec 2022 19:57

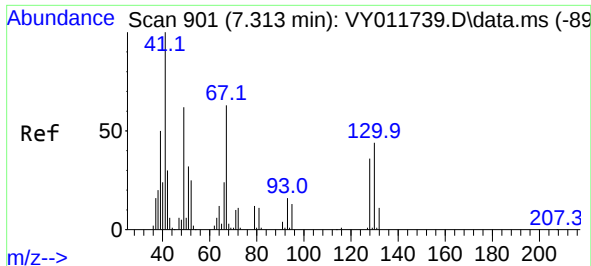
Tgt Ion: 78 Resp: 358019

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8

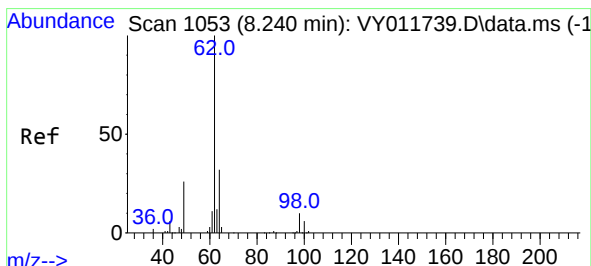
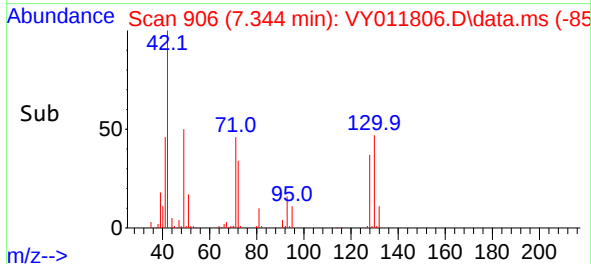
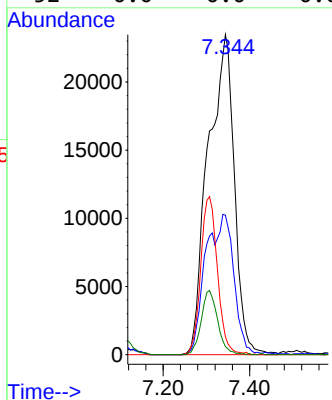
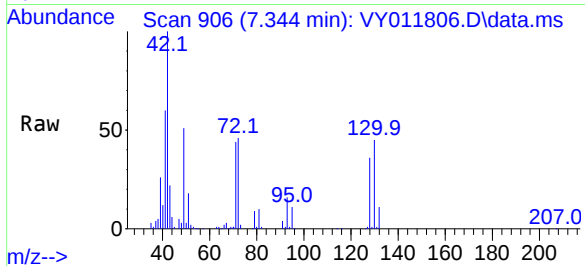




#41
Methacrylonitrile
Concen: 134.295 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

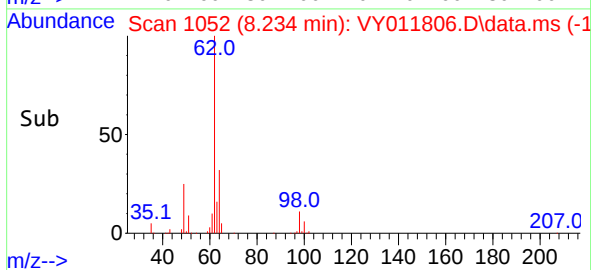
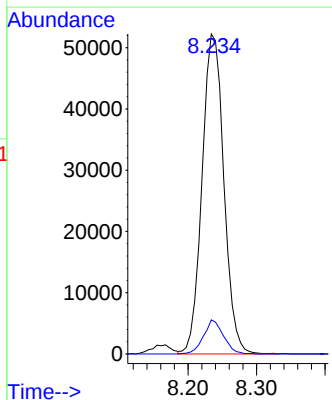
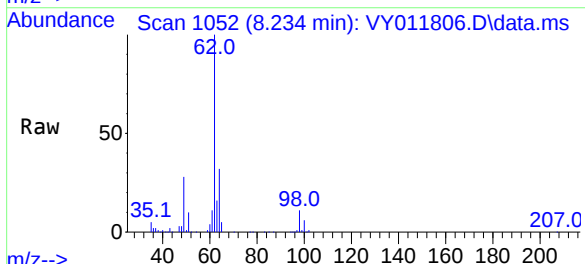
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

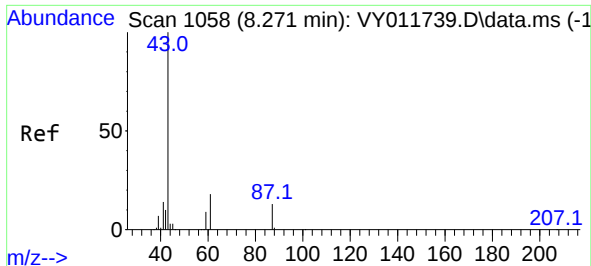
Tgt Ion:	41	Resp:	98489
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.417 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:	62	Resp:	115738
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6

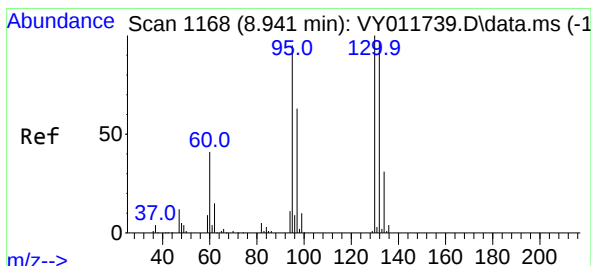
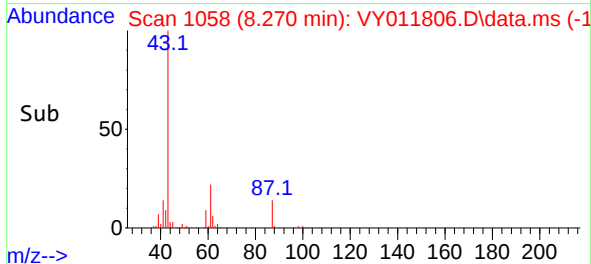
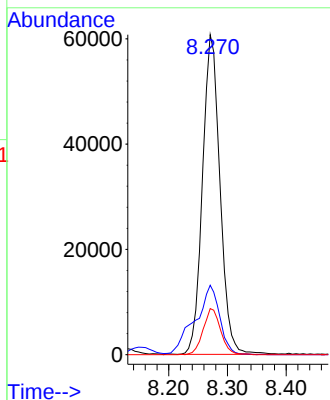
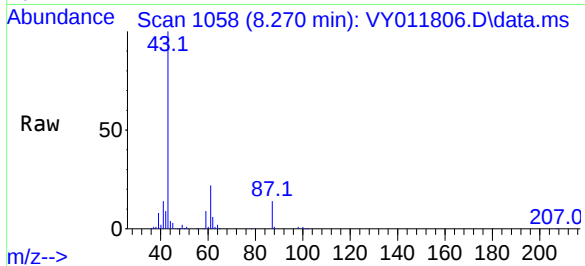




#43
Isopropyl Acetate
Concen: 47.826 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

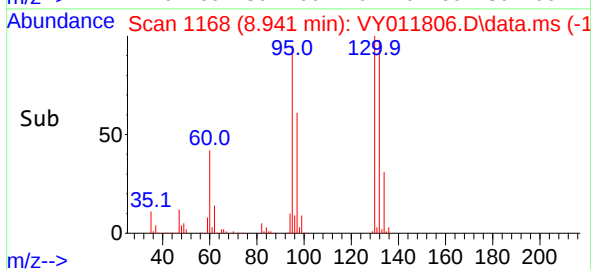
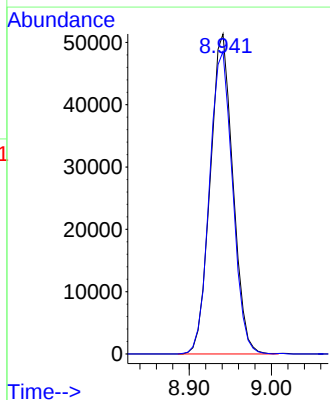
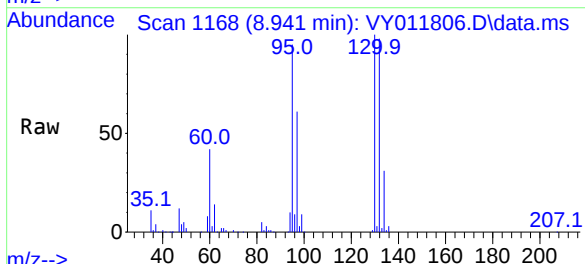
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

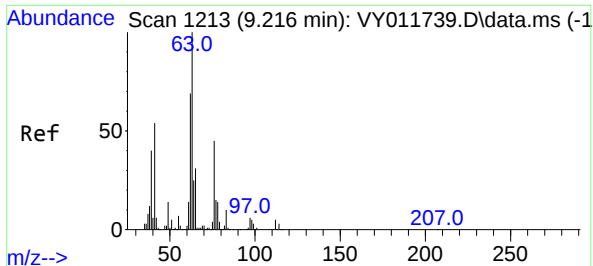
Tgt Ion: 43 Resp: 125986
Ion Ratio Lower Upper
43 100
61 30.6 24.4 36.6
87 14.4 11.4 17.2



#44
Trichloroethene
Concen: 47.406 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:130 Resp: 98560
Ion Ratio Lower Upper
130 100
95 94.5 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.976 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

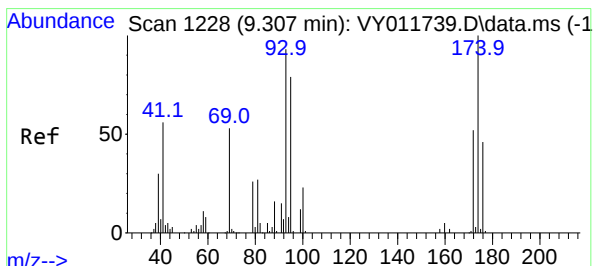
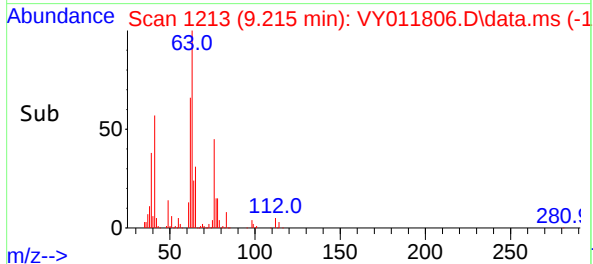
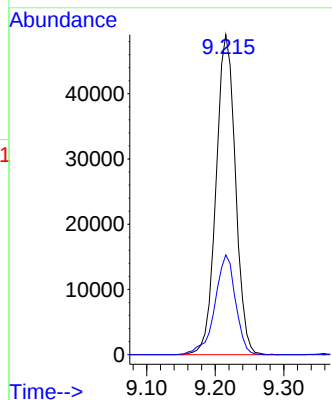
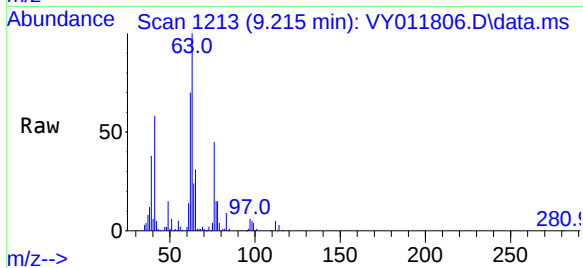
RB-22-(8-10)MSD

Tgt Ion: 63 Resp: 96021

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



#46

Dibromomethane

Concen: 50.153 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

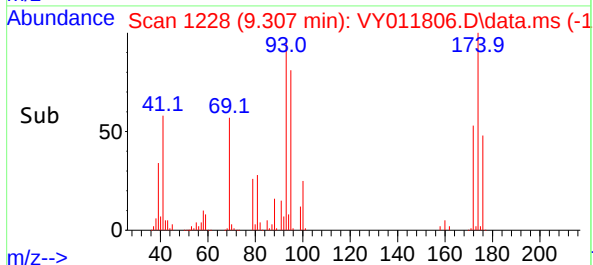
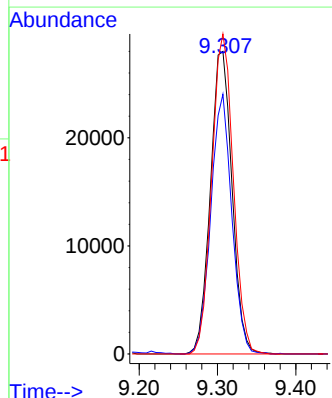
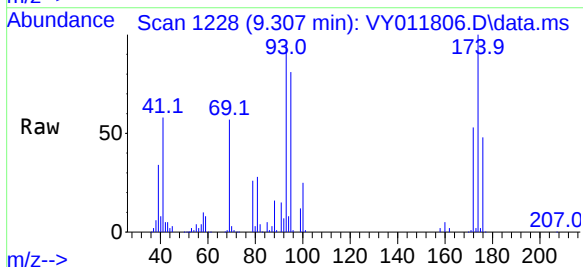
Tgt Ion: 93 Resp: 53940

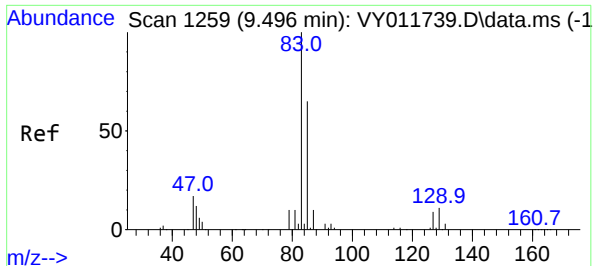
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 104.9 84.7 127.1

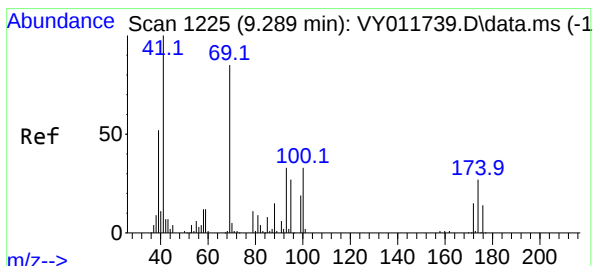
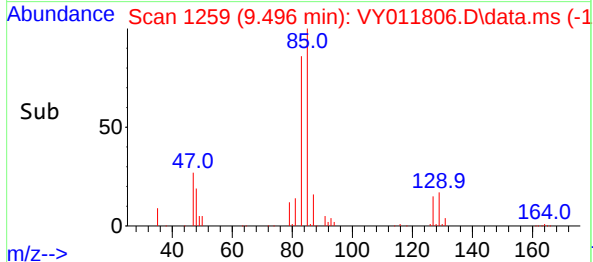
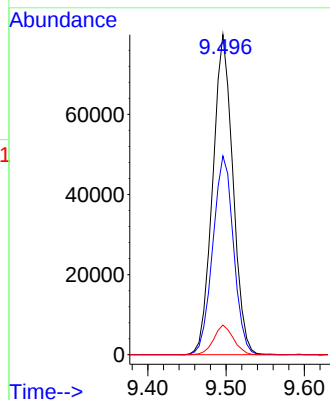
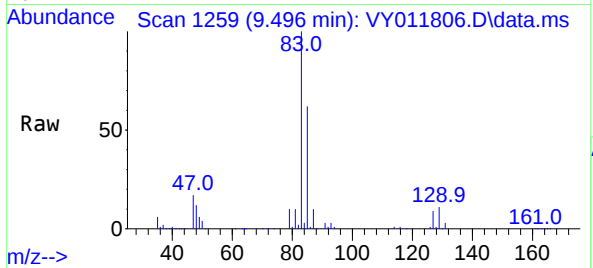




#47
Bromodichloromethane
Concen: 51.587 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

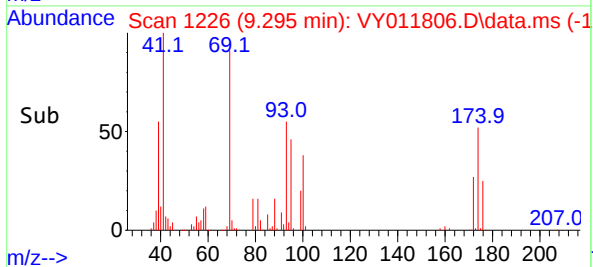
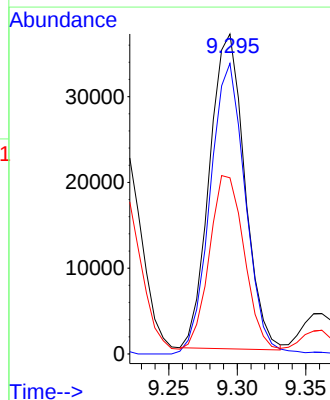
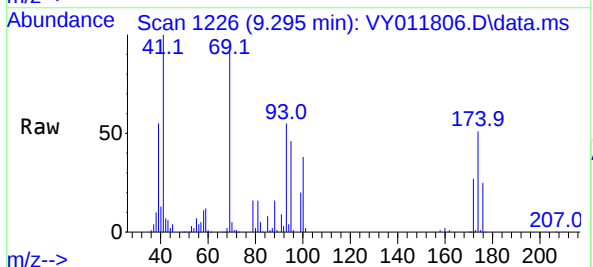
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

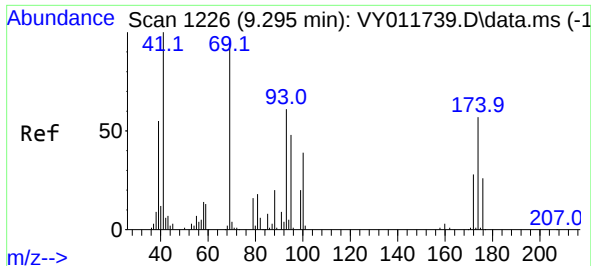
Tgt Ion: 83 Resp: 143334
Ion Ratio Lower Upper
83 100
85 62.1 52.0 78.0
127 9.2 7.3 10.9



#48
Methyl methacrylate
Concen: 56.388 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 41 Resp: 65476
Ion Ratio Lower Upper
41 100
69 92.8 74.2 111.2
39 57.9 46.3 69.5

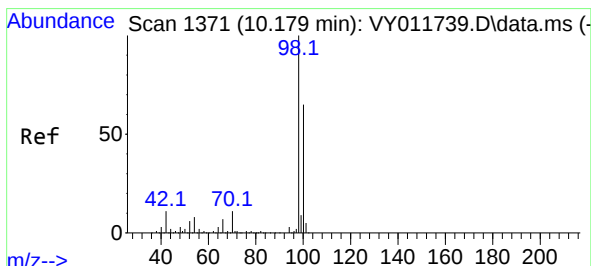
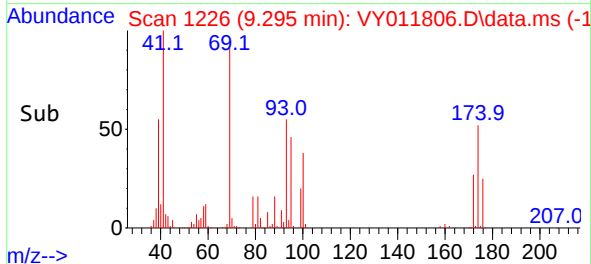
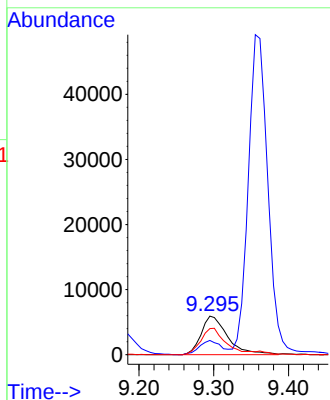
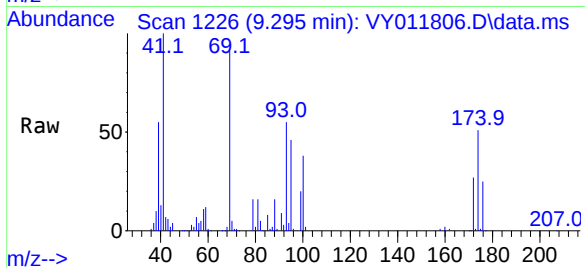




#49
1,4-Dioxane
Concen: 980.576 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

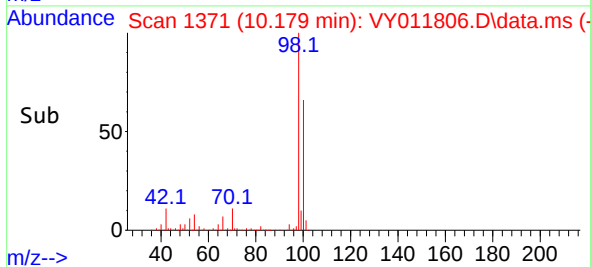
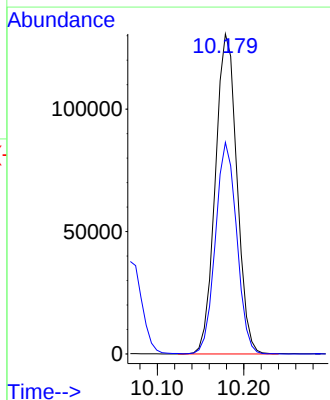
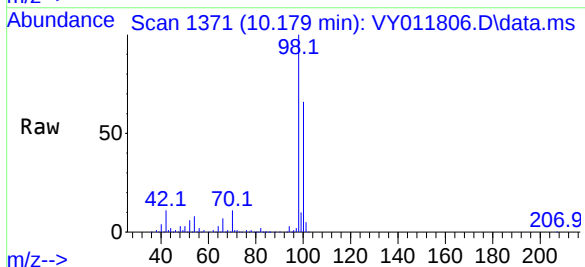
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

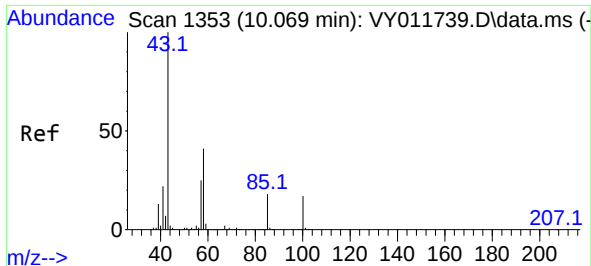
Tgt Ion: 88 Resp: 14610
Ion Ratio Lower Upper
88 100
43 30.0 26.2 39.2
58 62.7 54.3 81.5



#50
Toluene-d8
Concen: 47.064 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 98 Resp: 226351
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

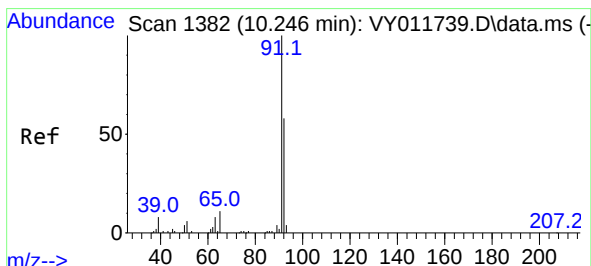
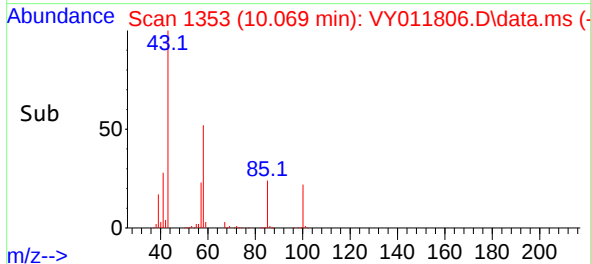
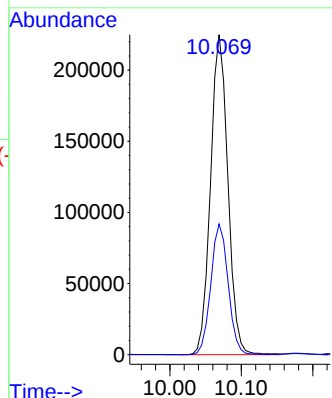
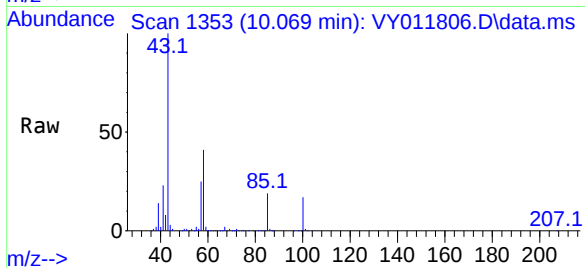




#51
4-Methyl-2-Pentanone
Concen: 260.794 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

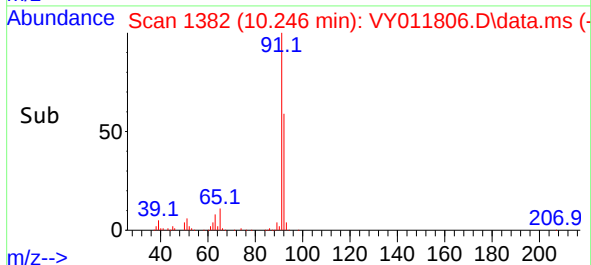
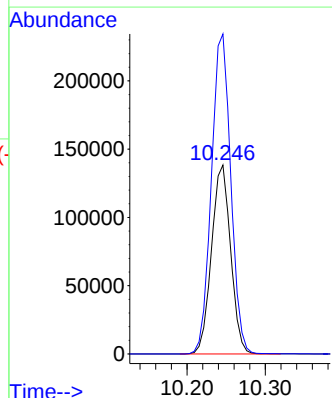
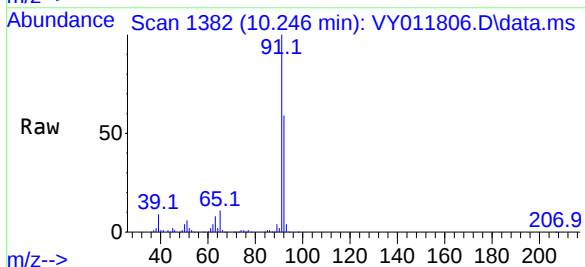
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

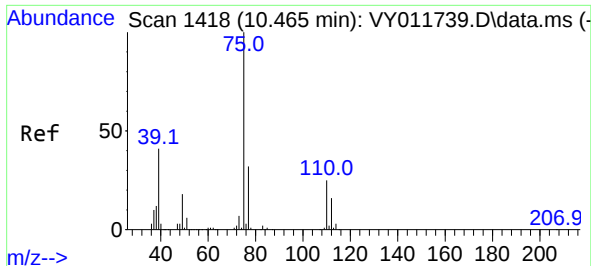
Tgt Ion: 43 Resp: 378543
Ion Ratio Lower Upper
43 100
58 40.8 32.9 49.3



#52
Toluene
Concen: 49.625 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 92 Resp: 234194
Ion Ratio Lower Upper
92 100
91 171.6 137.4 206.0

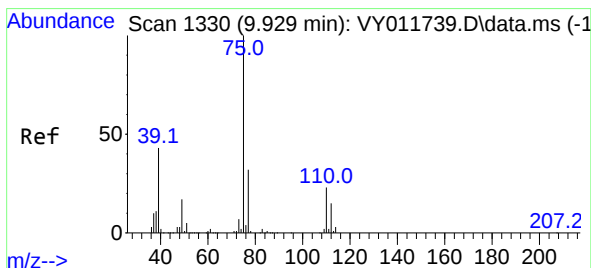
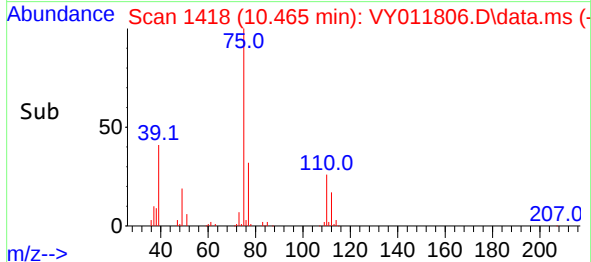
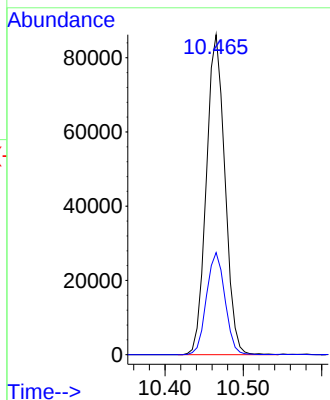
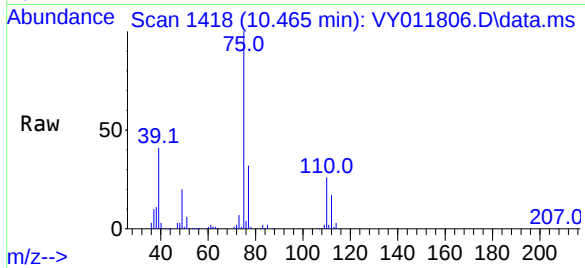




#53
t-1,3-Dichloropropene
Concen: 51.133 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

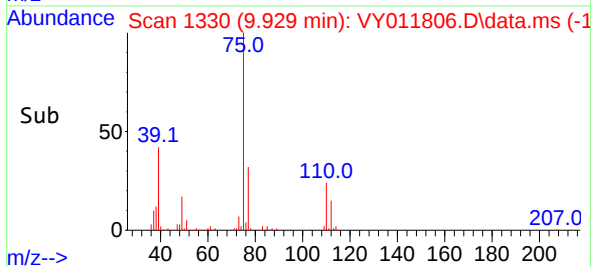
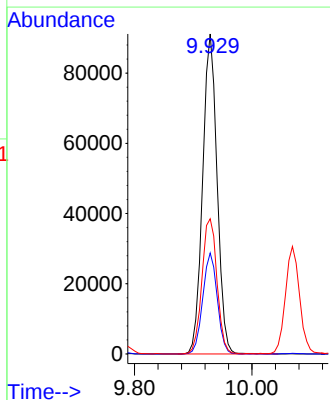
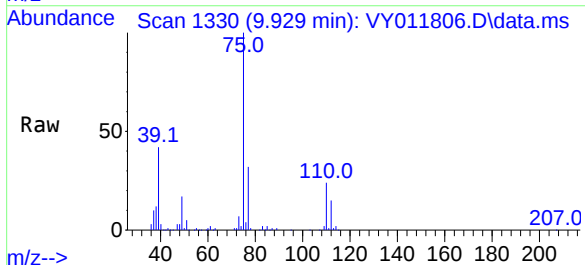
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

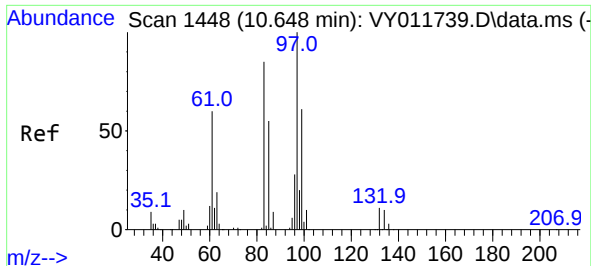
Tgt Ion: 75 Resp: 141911
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 50.019 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 75 Resp: 155970
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9
39 42.3 34.6 52.0



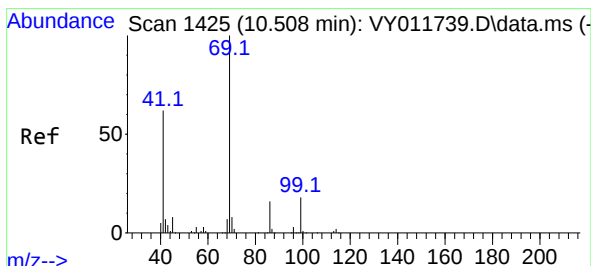
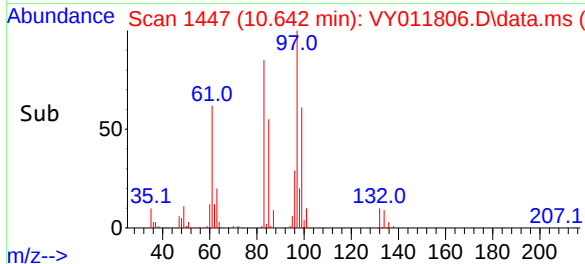
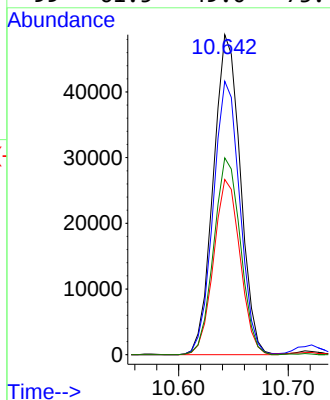
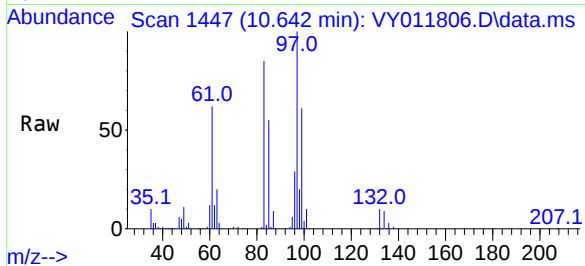


#55
1,1,2-Trichloroethane
Concen: 52.409 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion: 97 Resp: 83311

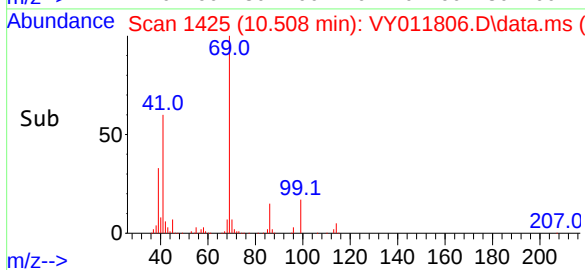
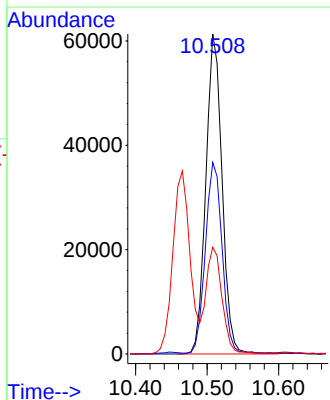
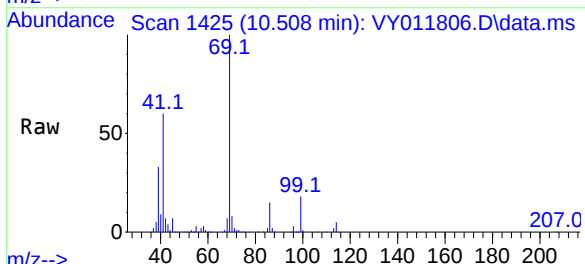
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.7	101.5
85	54.7	43.8	65.8
99	61.5	49.0	73.4

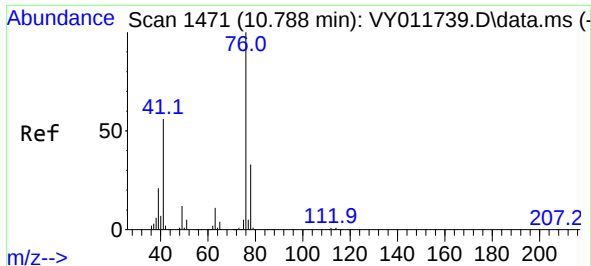


#56
Ethyl methacrylate
Concen: 47.095 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 69 Resp: 96640

Ion	Ratio	Lower	Upper
69	100		
41	61.3	48.9	73.3
39	32.4	25.9	38.9





#57

1,3-Dichloropropane

Concen: 51.197 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

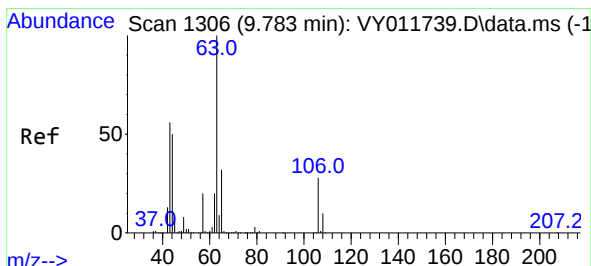
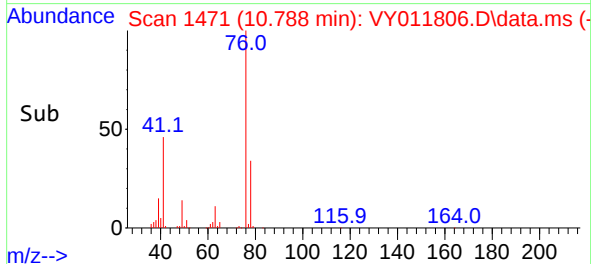
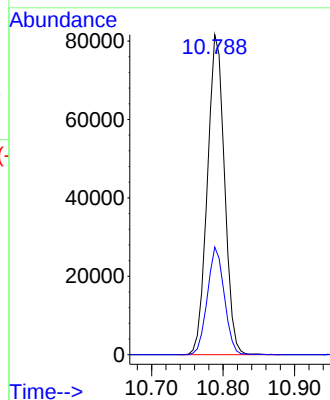
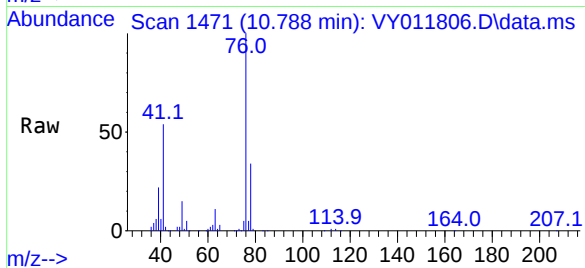
RB-22-(8-10)MSD

Tgt Ion: 76 Resp: 135659

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 257.105 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011806.D

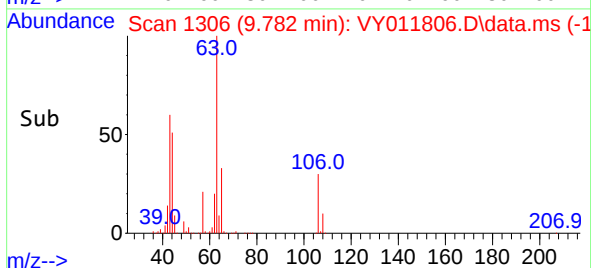
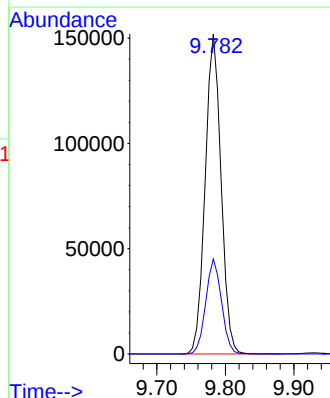
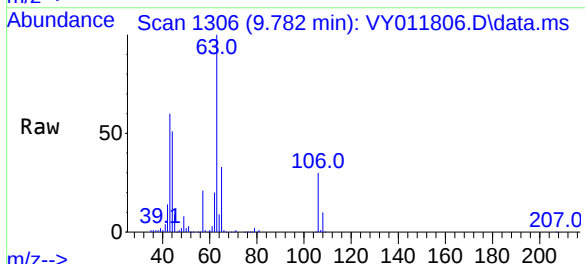
Acq: 13 Dec 2022 19:57

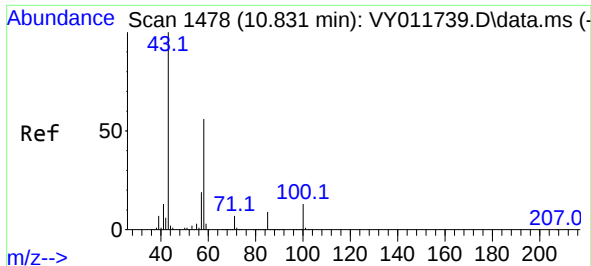
Tgt Ion: 63 Resp: 244643

Ion Ratio Lower Upper

63 100

106 29.4 23.2 34.8

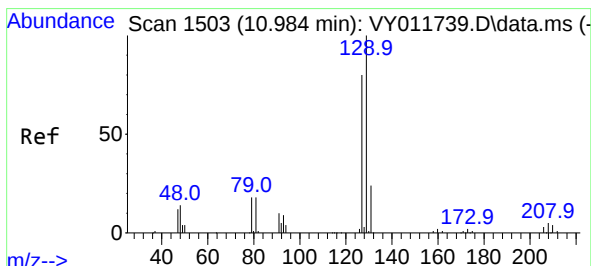
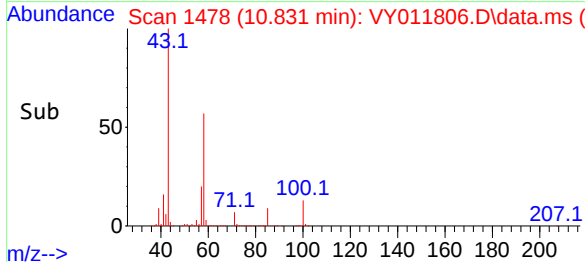
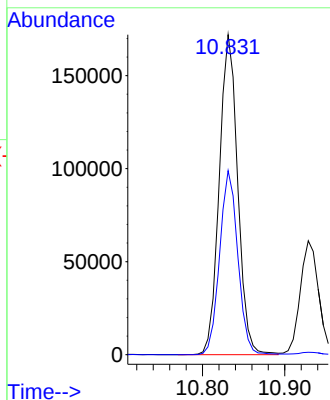
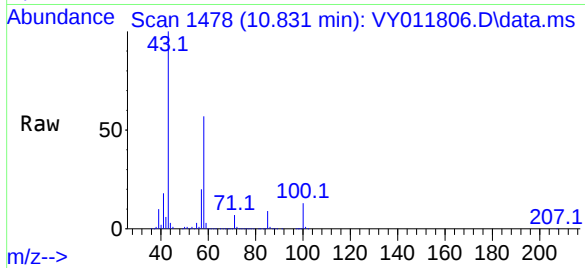




#59
2-Hexanone
Concen: 258.849 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

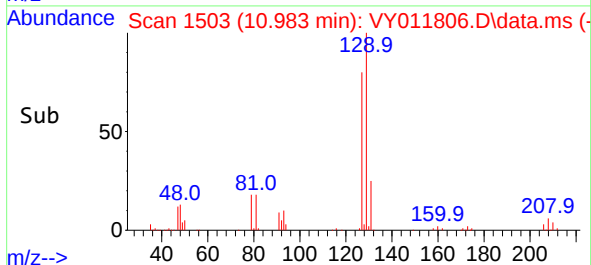
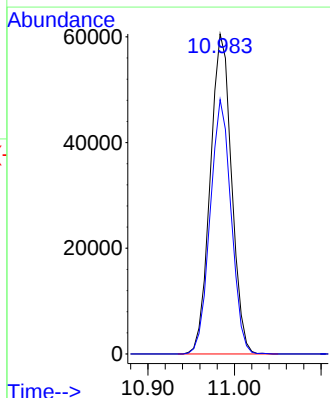
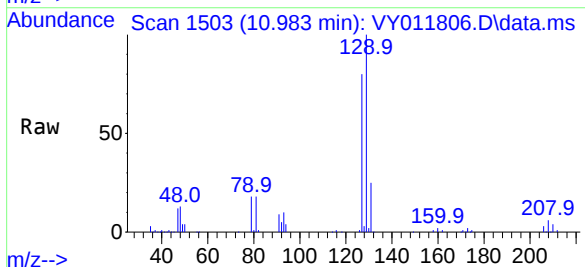
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

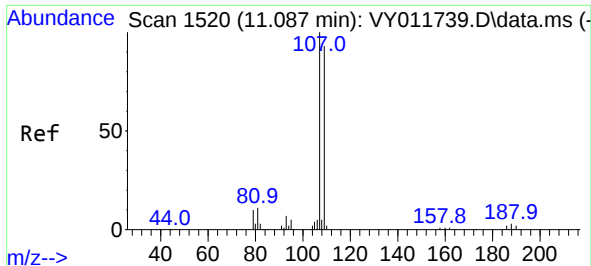
Tgt Ion: 43 Resp: 268447
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.2



#60
Dibromochloromethane
Concen: 51.987 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 129 Resp: 103505
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6

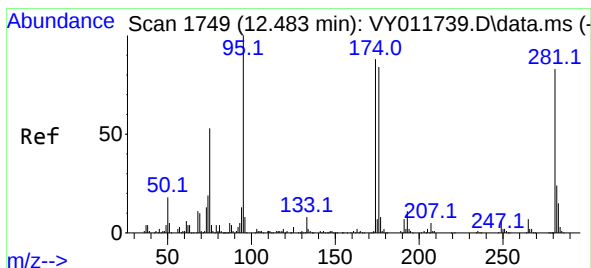
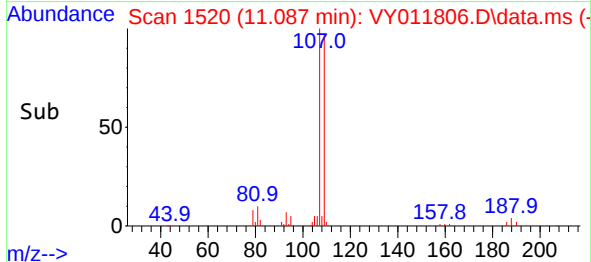
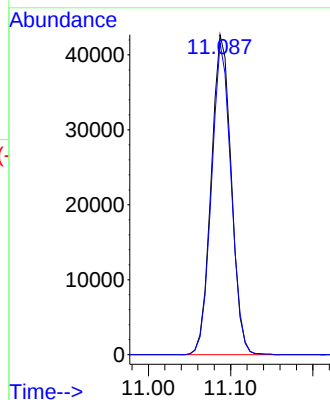
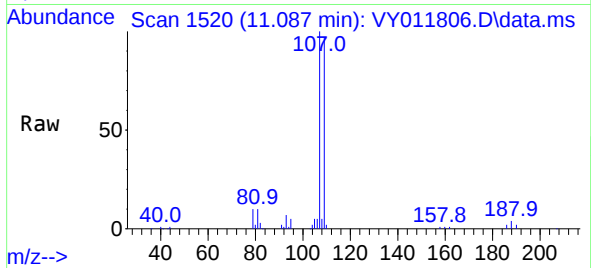




#61
1,2-Dibromoethane
Concen: 50.075 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

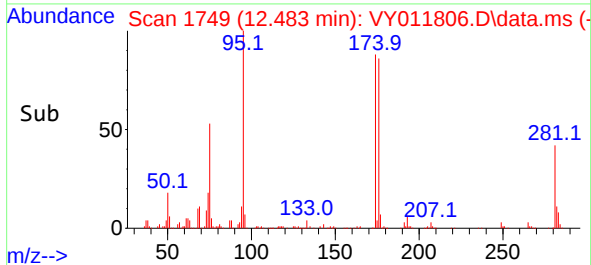
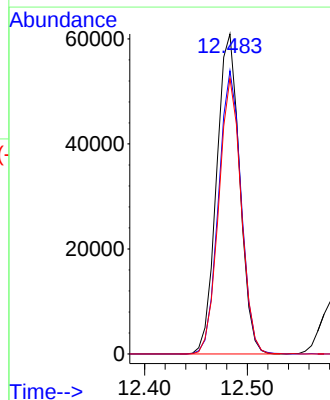
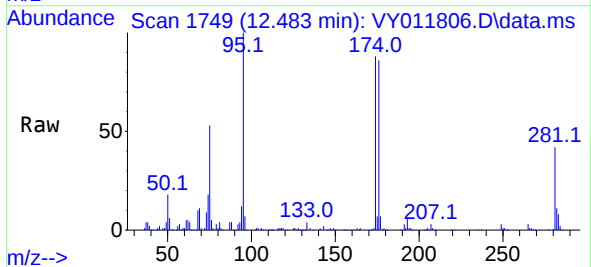
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

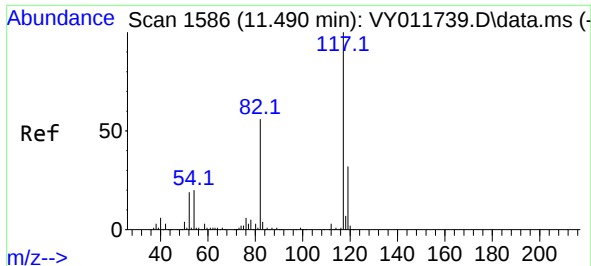
Tgt Ion:107 Resp: 72113
Ion Ratio Lower Upper
107 100
109 95.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 49.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 95 Resp: 94884
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.0
176 83.5 0.0 167.6

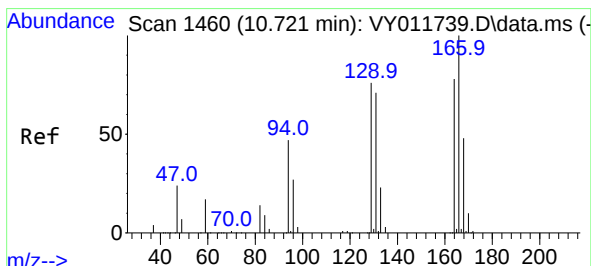
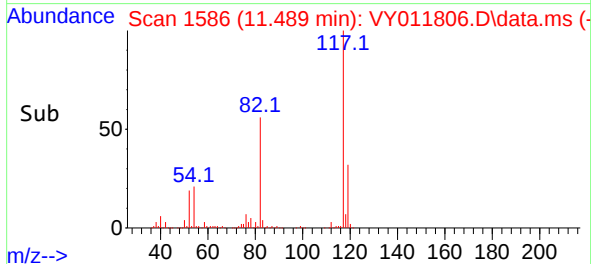
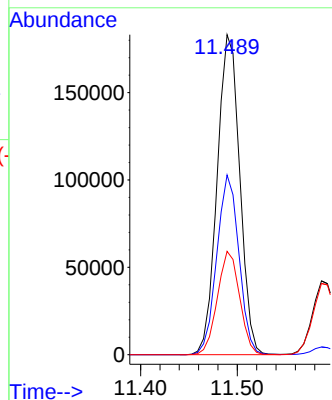
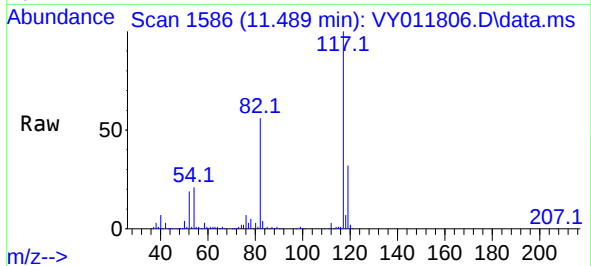




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

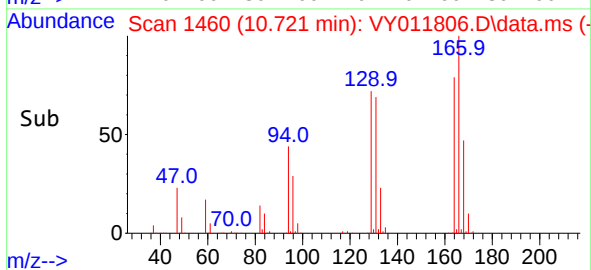
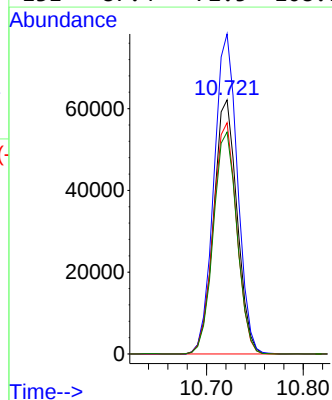
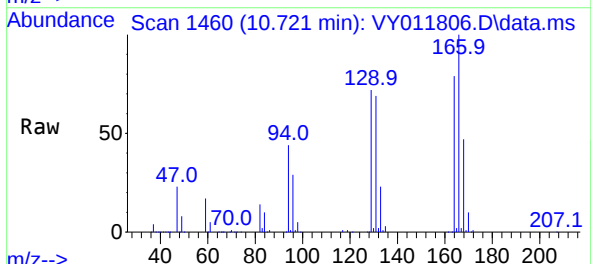
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

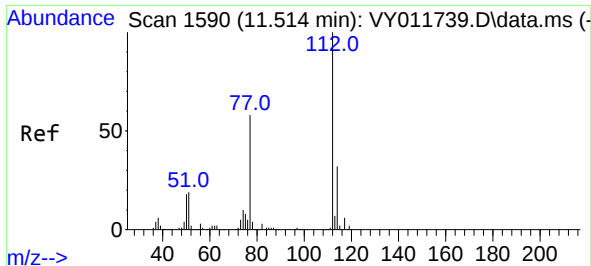
Tgt Ion:117 Resp: 297300
Ion Ratio Lower Upper
117 100
82 56.1 44.8 67.2
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 49.725 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:164 Resp: 104592
Ion Ratio Lower Upper
164 100
166 126.0 102.3 153.5
129 91.0 77.2 115.8
131 87.4 72.5 108.7

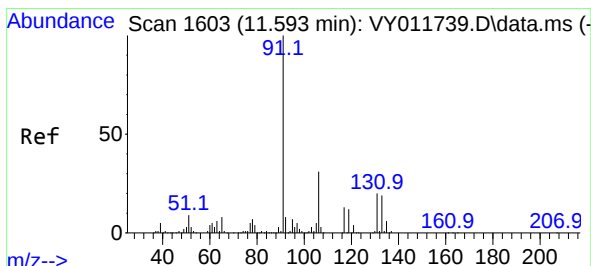
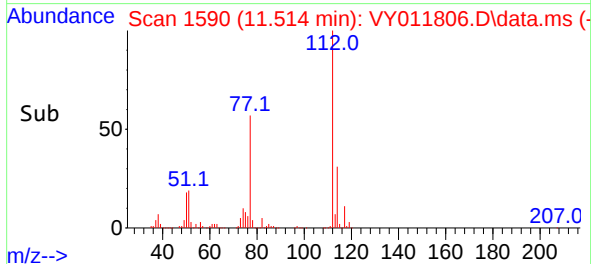
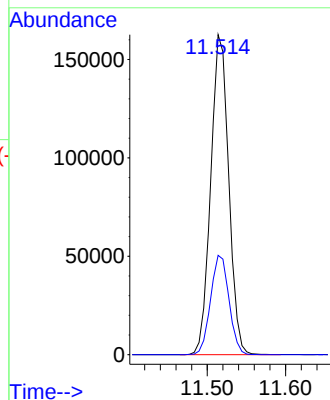
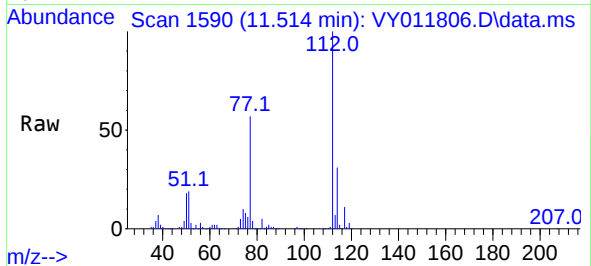




#65
Chlorobenzene
Concen: 48.296 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

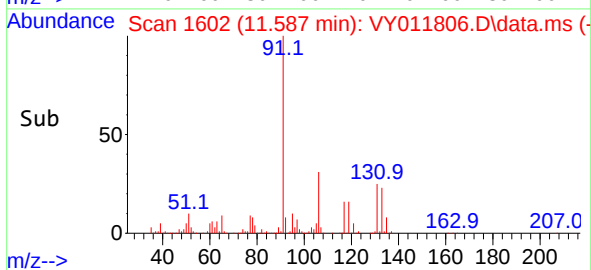
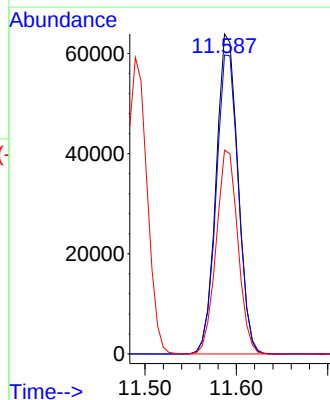
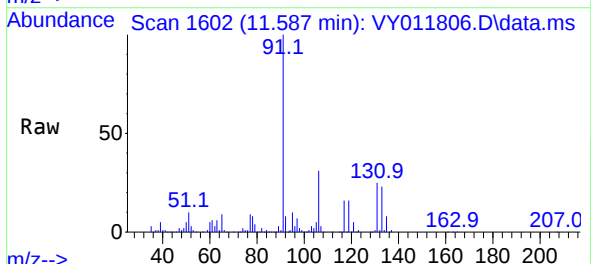
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

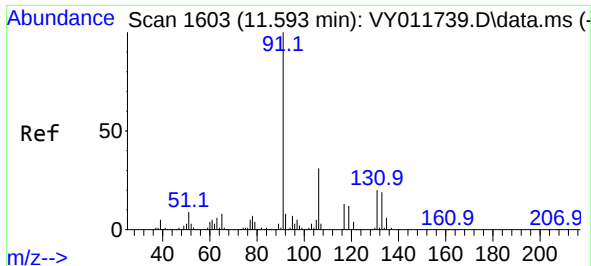
Tgt Ion:112 Resp: 258715
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.178 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:131 Resp: 106356
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 63.4 32.1 96.3





#67

Ethyl Benzene

Concen: 48.648 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

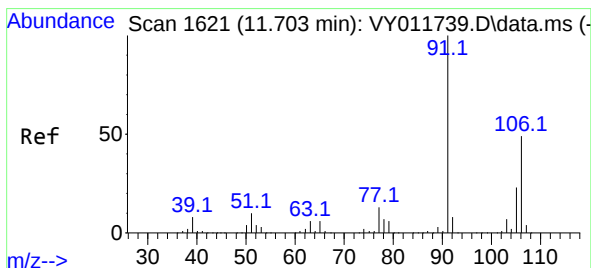
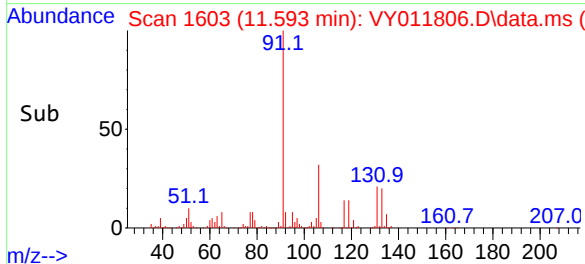
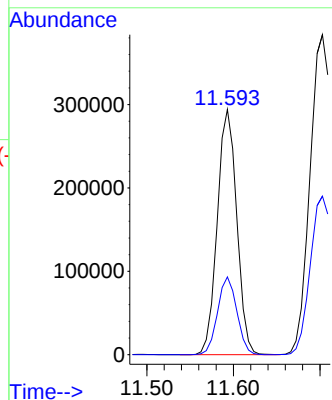
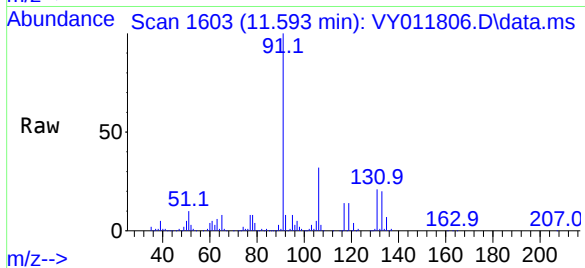
RB-22-(8-10)MSD

Tgt Ion: 91 Resp: 459184

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 97.988 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011806.D

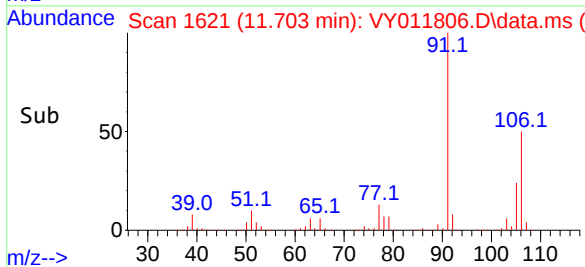
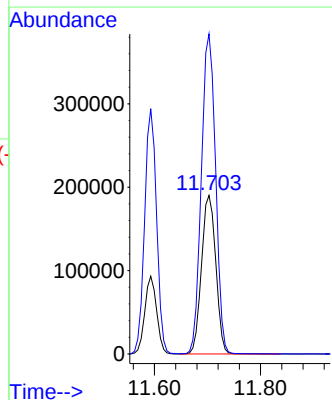
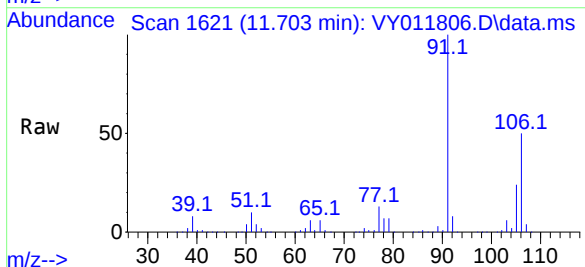
Acq: 13 Dec 2022 19:57

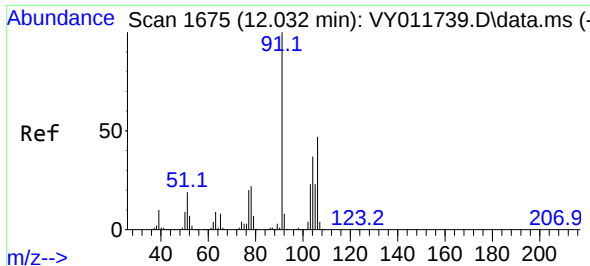
Tgt Ion:106 Resp: 354200

Ion Ratio Lower Upper

106 100

91 201.3 162.5 243.7

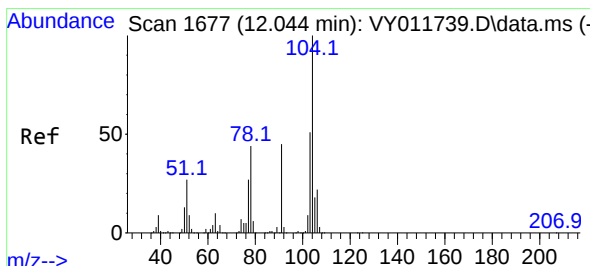
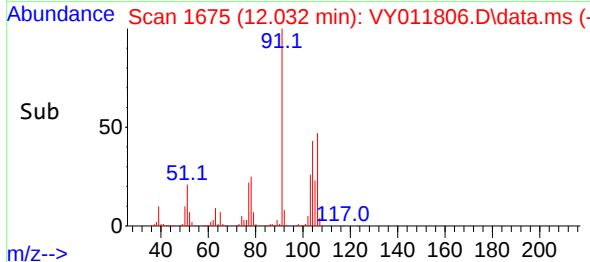
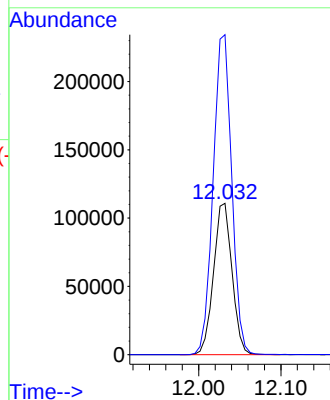
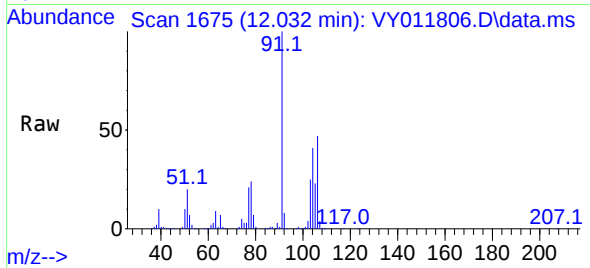




#69
o-Xylene
Concen: 50.216 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

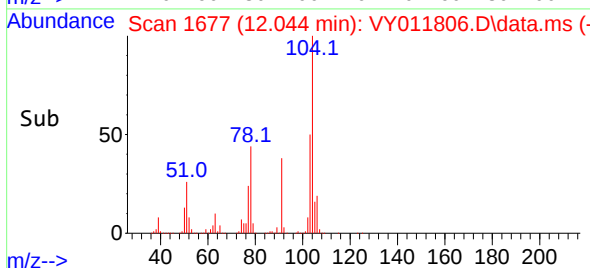
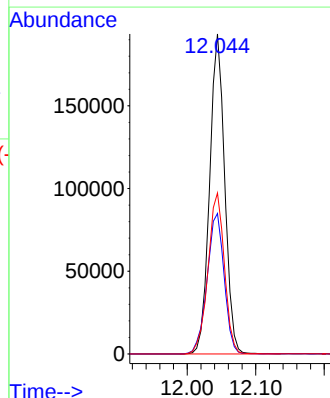
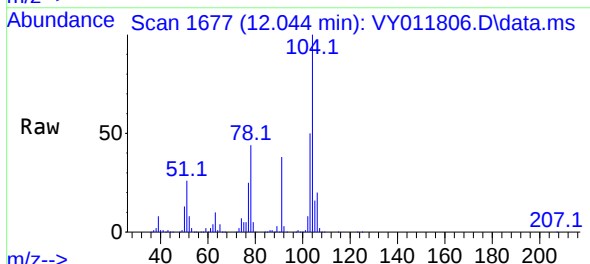
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

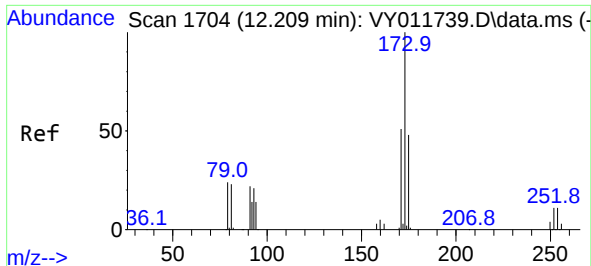
Tgt Ion:106 Resp: 173020
Ion Ratio Lower Upper
106 100
91 212.5 107.5 322.4



#70
Styrene
Concen: 50.454 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:104 Resp: 296699
Ion Ratio Lower Upper
104 100
78 49.6 39.4 59.0
103 54.8 43.0 64.4

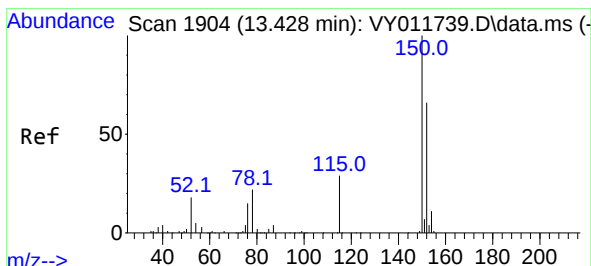
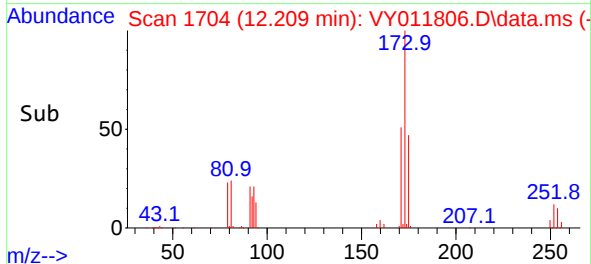
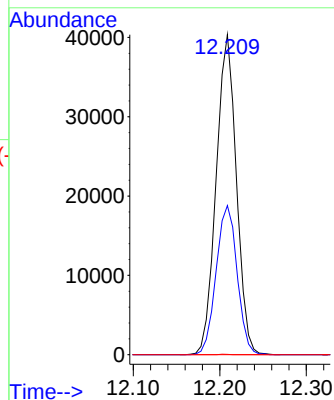
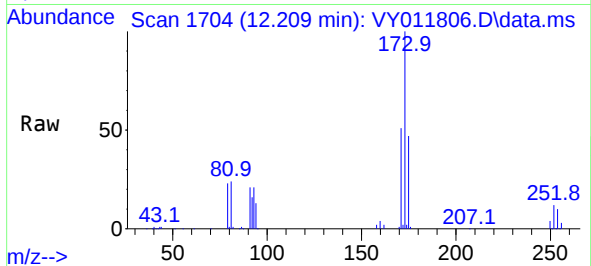




#71
Bromoform
Concen: 51.060 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

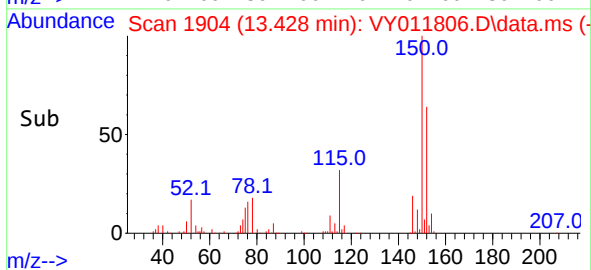
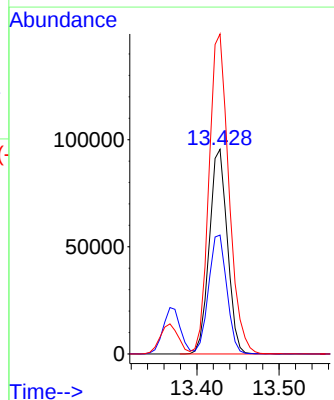
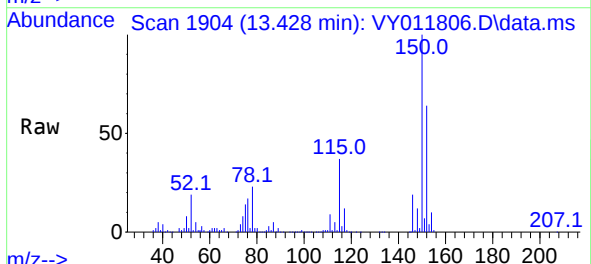
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

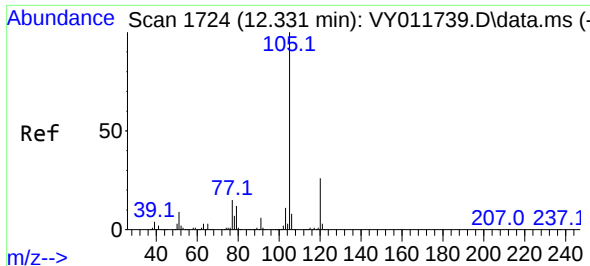
Tgt Ion:173 Resp: 65450
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.5
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:152 Resp: 145285
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.3
150 172.7 0.0 342.6

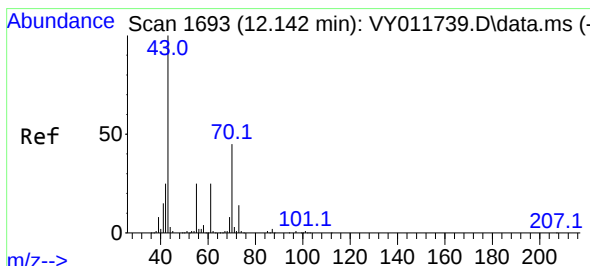
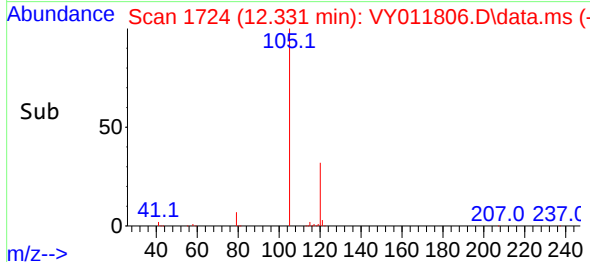
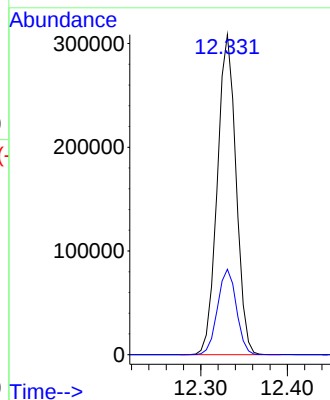
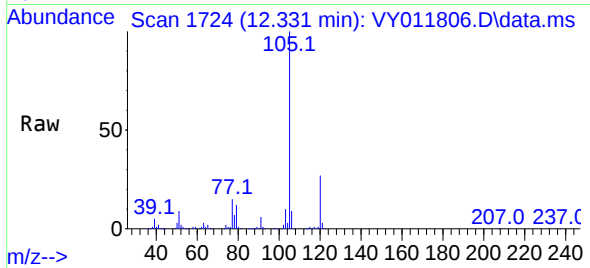




#73
Isopropylbenzene
Concen: 49.231 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

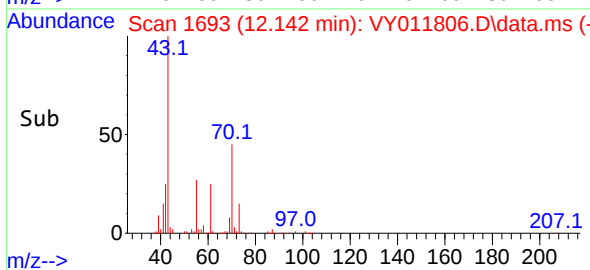
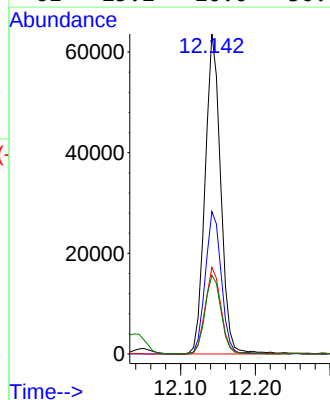
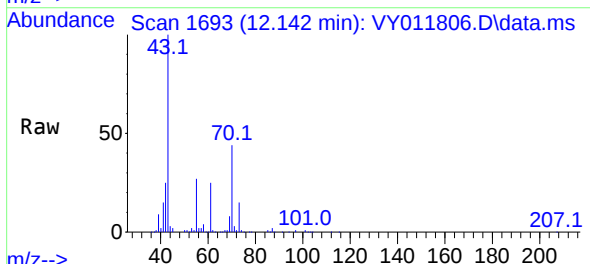
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

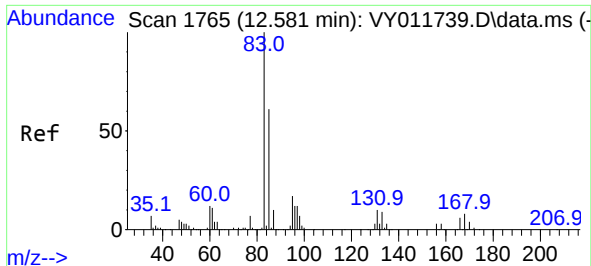
Tgt Ion:105 Resp: 463413
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 40.858 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 43 Resp: 92468
Ion Ratio Lower Upper
43 100
70 45.7 35.8 53.8
55 27.5 21.0 31.4
61 25.2 20.0 30.0

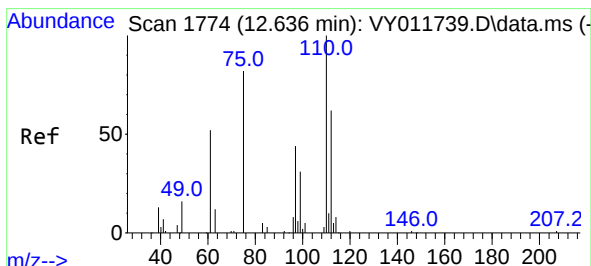
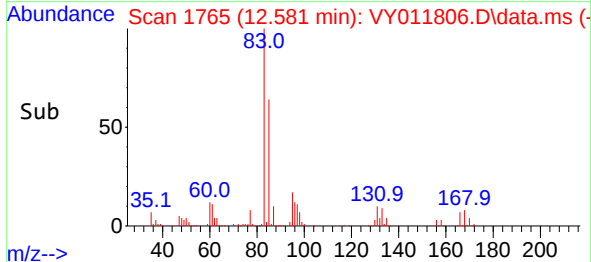
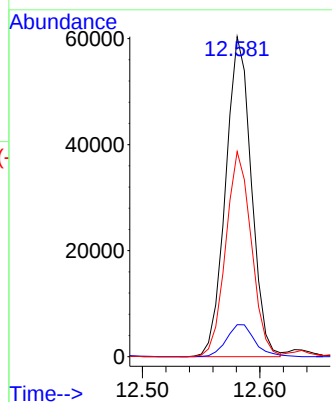
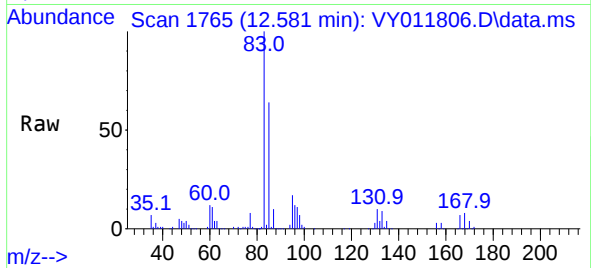




#75
1,1,2,2-Tetrachloroethane
Concen: 50.021 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

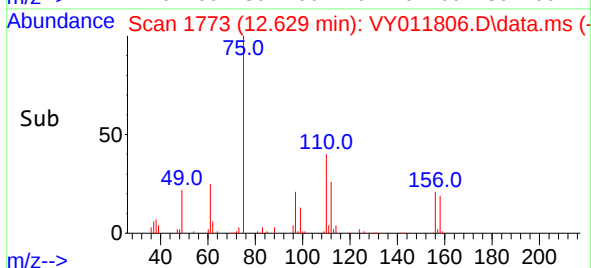
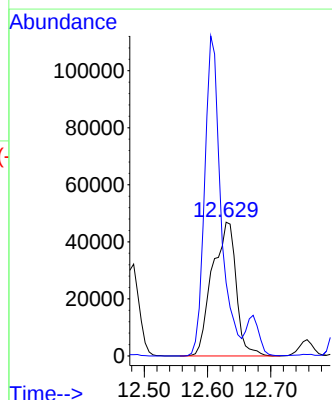
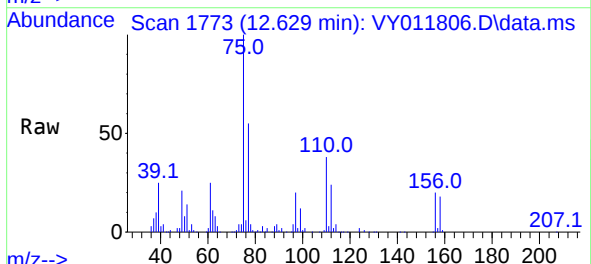
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

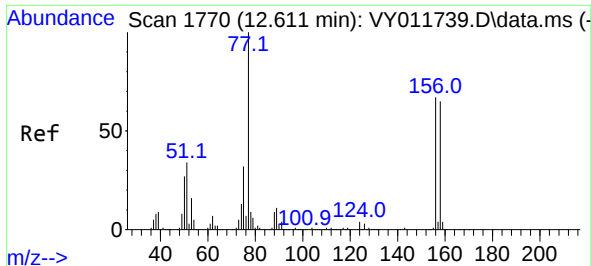
Tgt Ion:	83	Resp:	91698
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.6	16.8
85	63.9	32.3	96.8



#76
1,2,3-Trichloropropane
Concen: 83.548 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:	75	Resp:	122807
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

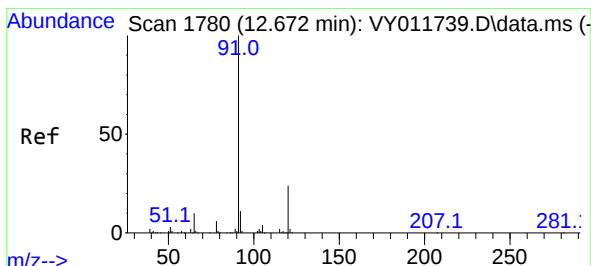
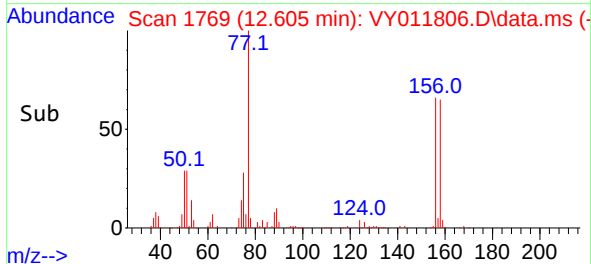
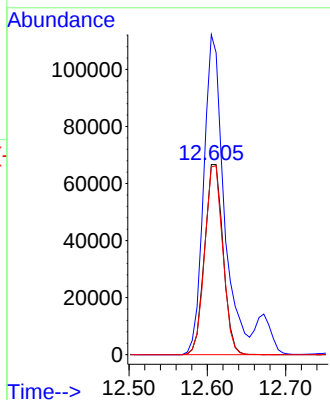
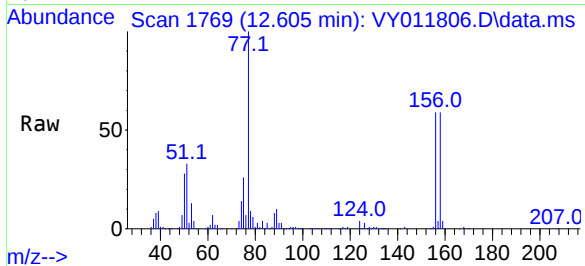




#77
Bromobenzene
Concen: 49.454 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

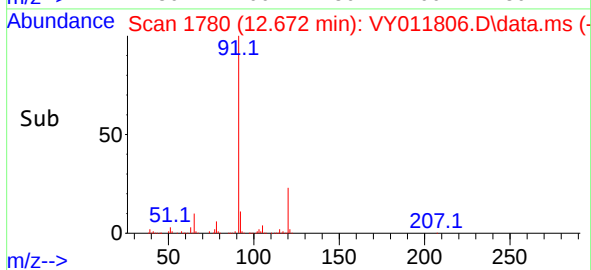
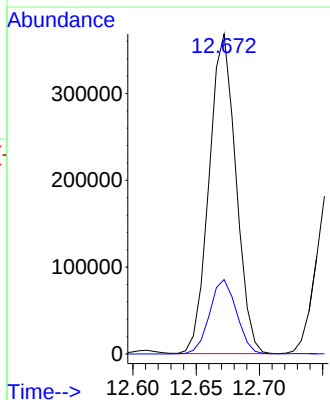
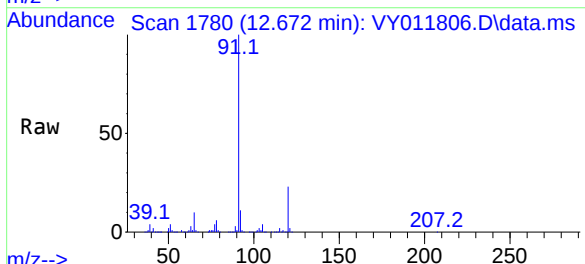
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

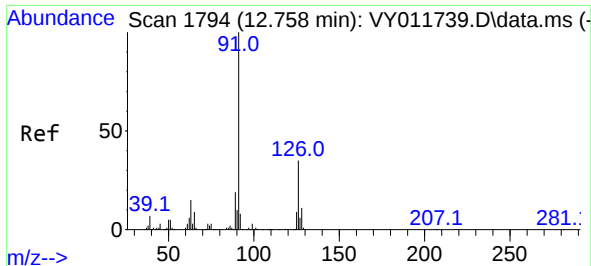
Tgt Ion:156 Resp: 108689
Ion Ratio Lower Upper
156 100
77 185.1 90.0 270.0
158 97.9 48.4 145.2



#78
n-propylbenzene
Concen: 48.093 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 91 Resp: 542510
Ion Ratio Lower Upper
91 100
120 23.3 11.8 35.4





#79

2-Chlorotoluene

Concen: 48.660 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

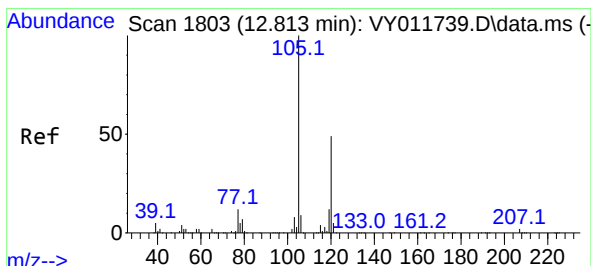
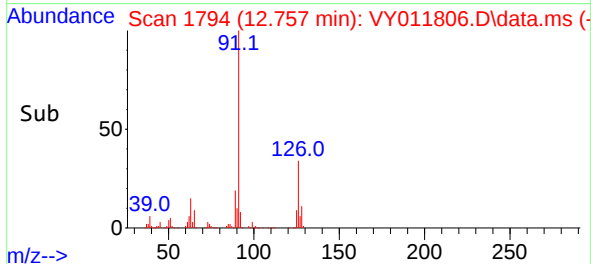
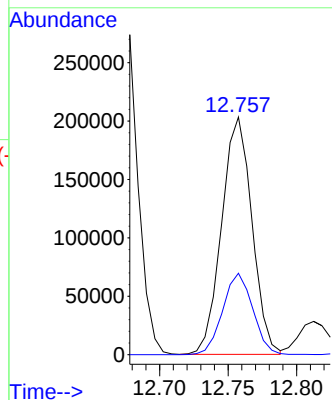
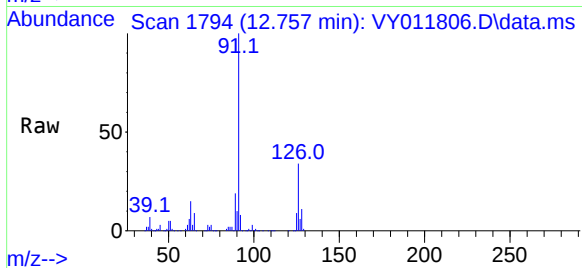
RB-22-(8-10)MSD

Tgt Ion: 91 Resp: 313273

Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 49.522 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011806.D

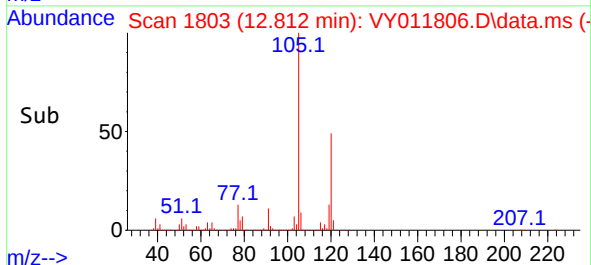
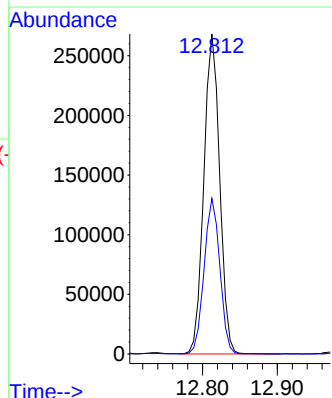
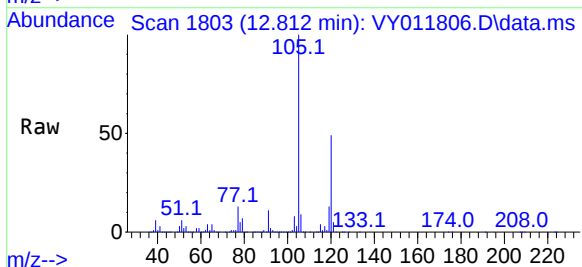
Acq: 13 Dec 2022 19:57

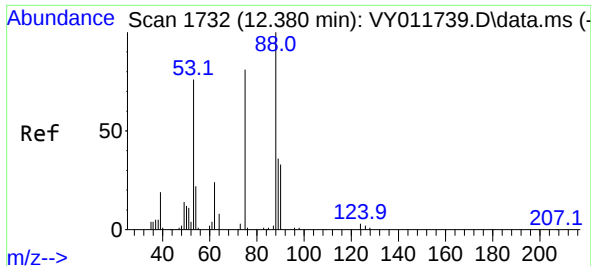
Tgt Ion:105 Resp: 394016

Ion Ratio Lower Upper

105 100

120 48.2 24.2 72.6

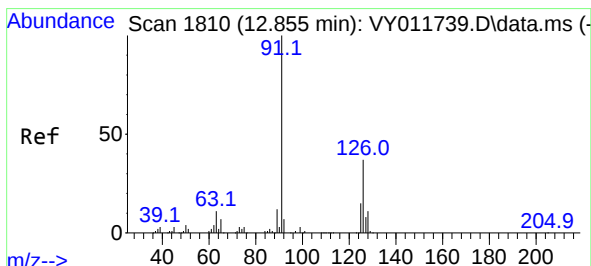
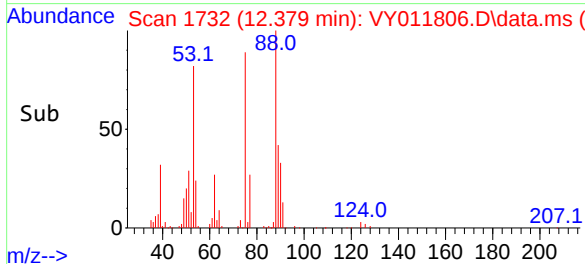
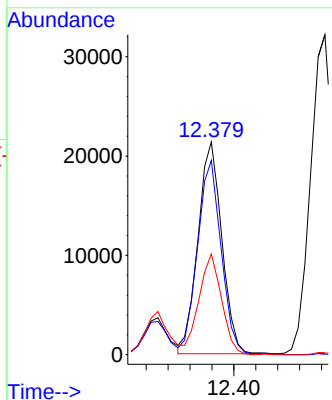
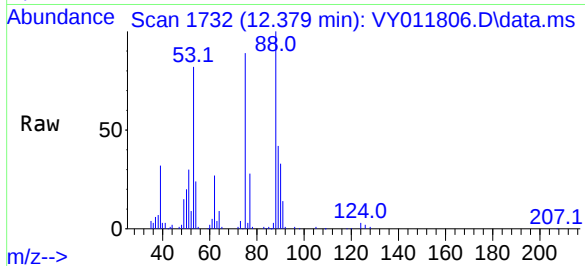




#81
trans-1,4-Dichloro-2-butene
Concen: 49.662 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

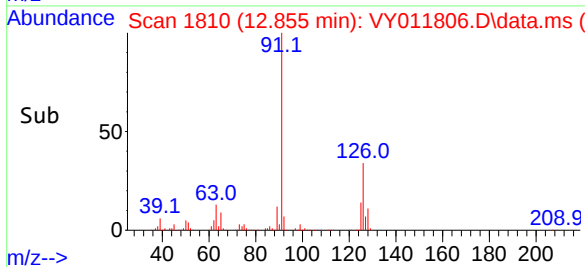
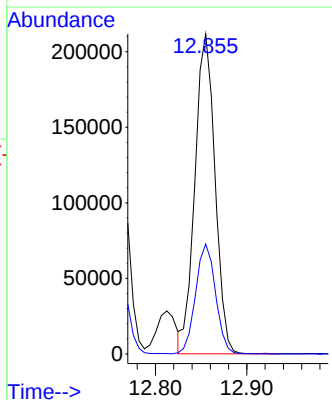
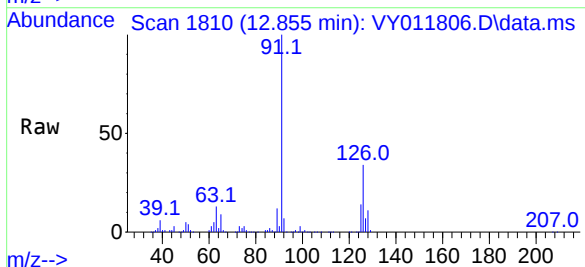
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

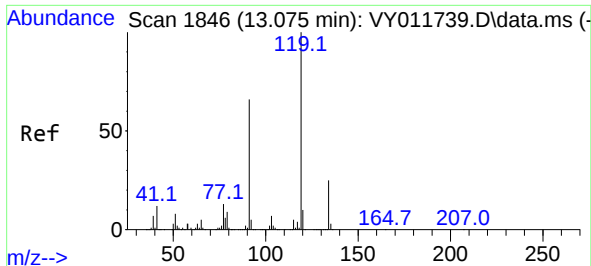
Tgt Ion: 75 Resp: 32169
Ion Ratio Lower Upper
75 100
53 91.9 72.5 108.7
89 44.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.403 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 91 Resp: 323207
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

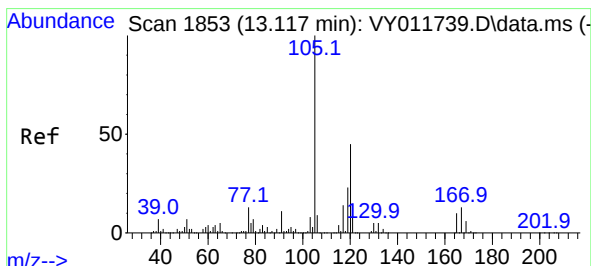
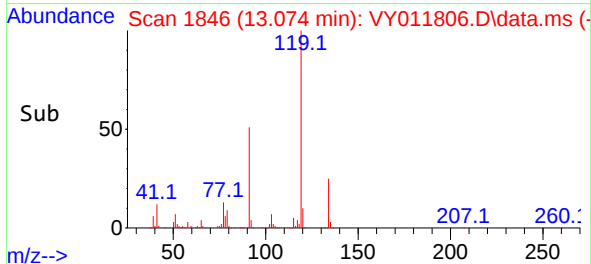
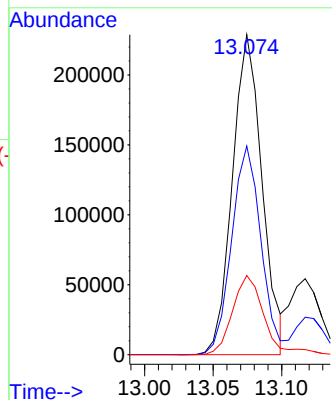
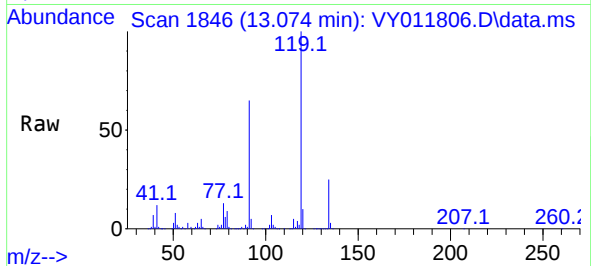




#83
tert-Butylbenzene
Concen: 49.751 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

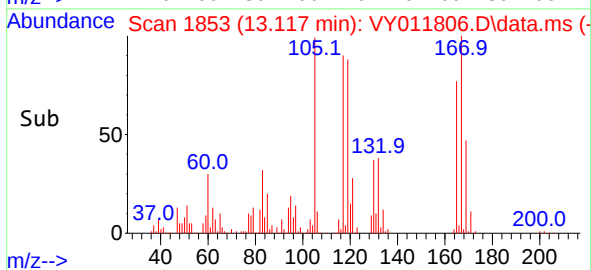
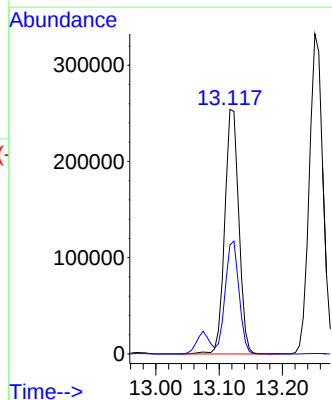
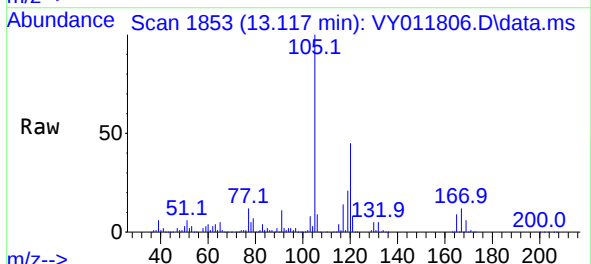
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

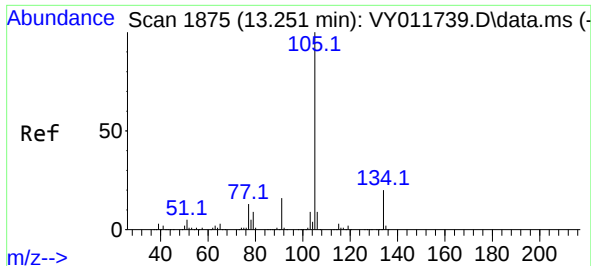
Tgt Ion:119 Resp: 344675
Ion Ratio Lower Upper
119 100
91 64.2 32.3 96.8
134 26.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 49.992 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:105 Resp: 391628
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.7

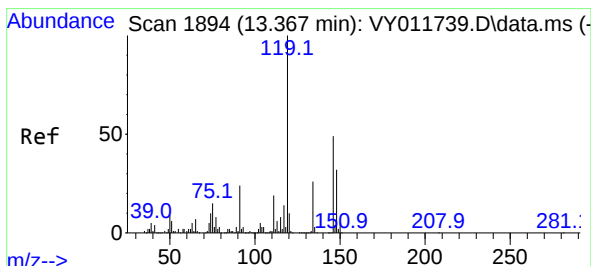
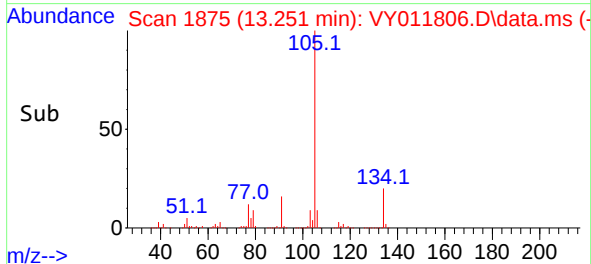
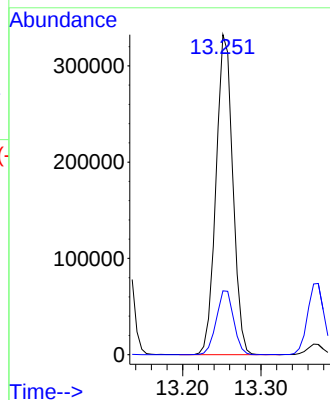
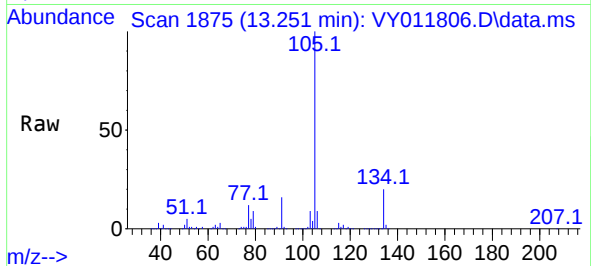




#85
 sec-Butylbenzene
 Concen: 47.981 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011806.D
 Acq: 13 Dec 2022 19:57

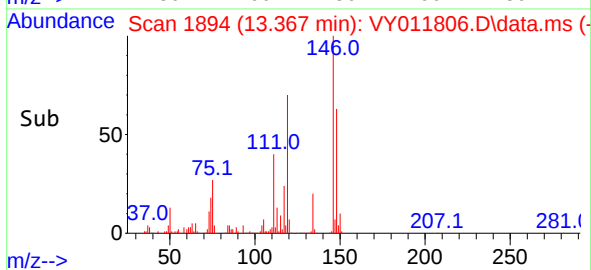
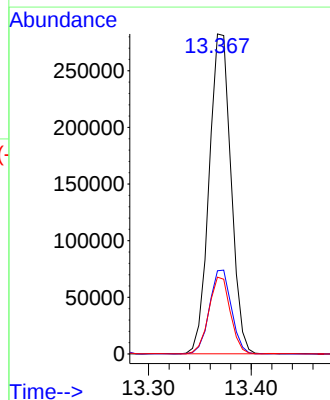
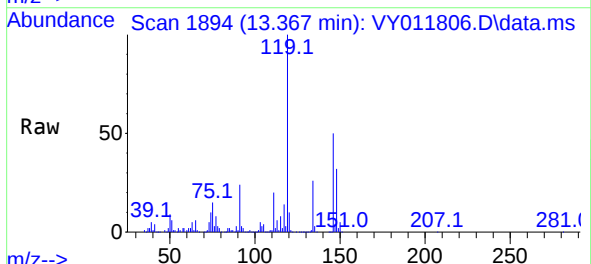
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-22-(8-10)MSD

Tgt Ion:105 Resp: 495040
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 48.678 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY011806.D
 Acq: 13 Dec 2022 19:57

Tgt Ion:119 Resp: 418008
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 23.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 48.672 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

RB-22-(8-10)MSD

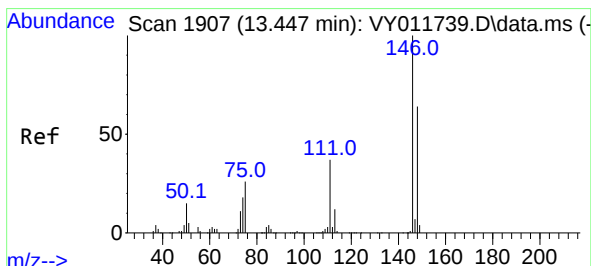
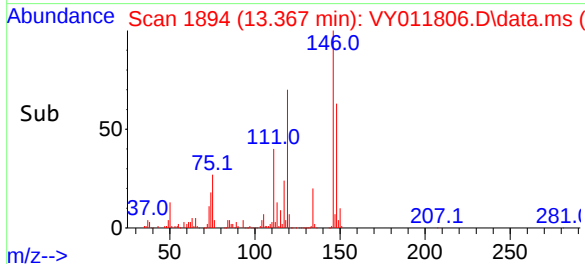
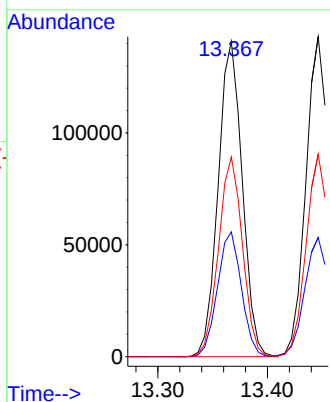
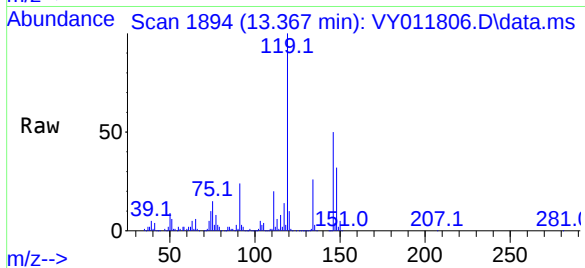
Tgt Ion:146 Resp: 215271

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

148 63.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.150 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

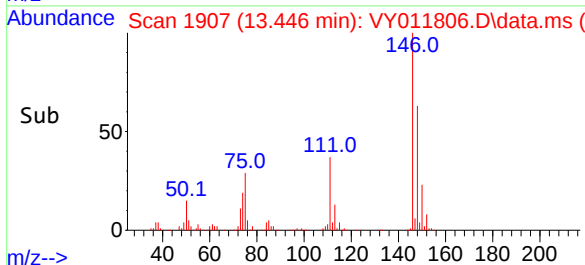
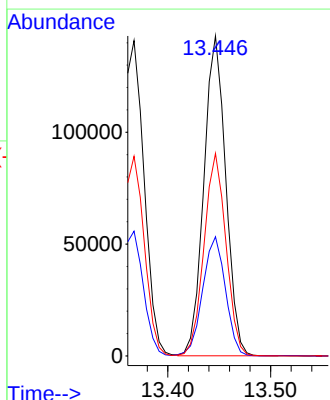
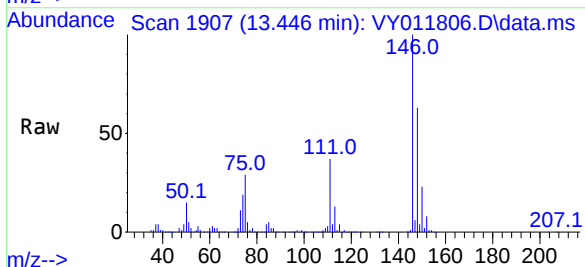
Tgt Ion:146 Resp: 211658

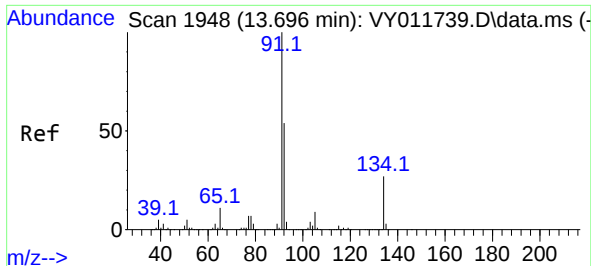
Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

148 63.7 31.9 95.7

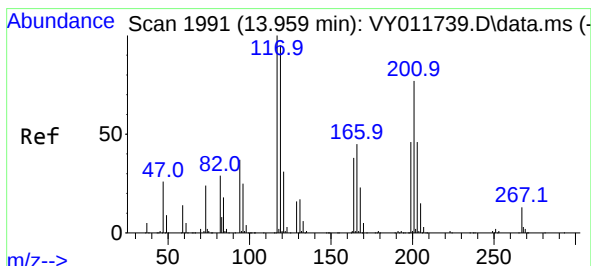
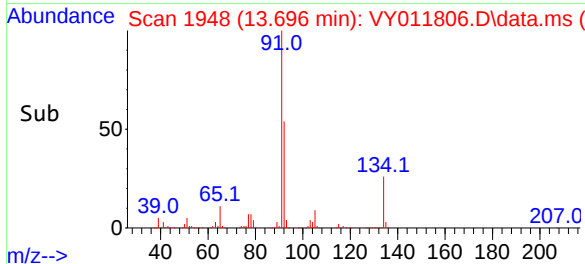
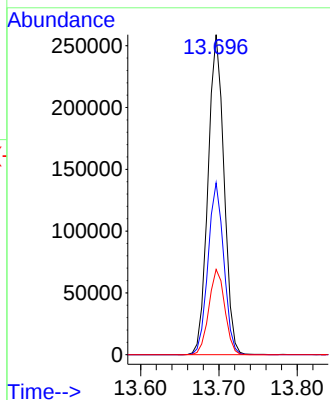
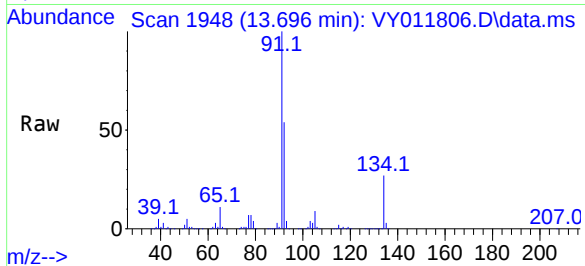




#89
n-Butylbenzene
Concen: 46.942 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

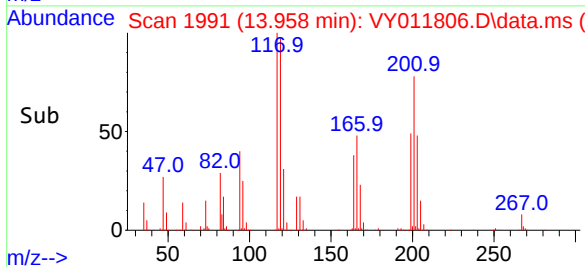
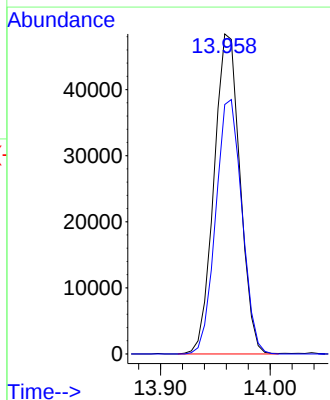
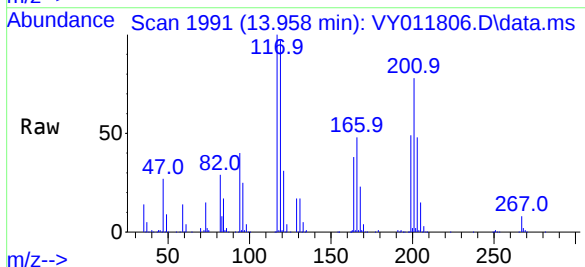
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

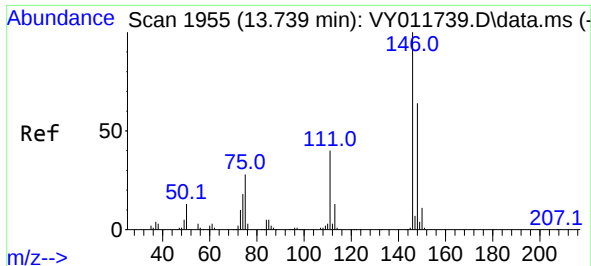
Tgt Ion: 91 Resp: 366443
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 26.6 13.3 39.8



#90
Hexachloroethane
Concen: 46.806 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion: 117 Resp: 79869
Ion Ratio Lower Upper
117 100
201 80.1 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 49.259 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

RB-22-(8-10)MSD

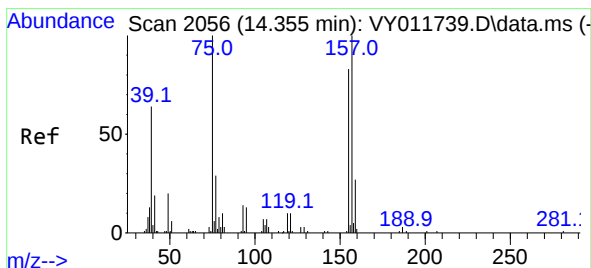
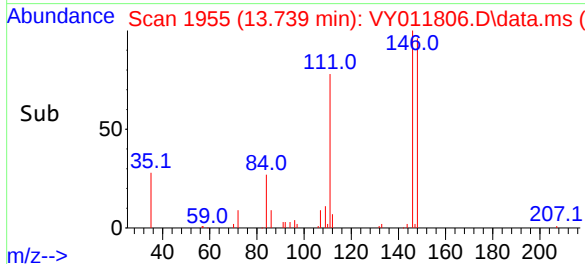
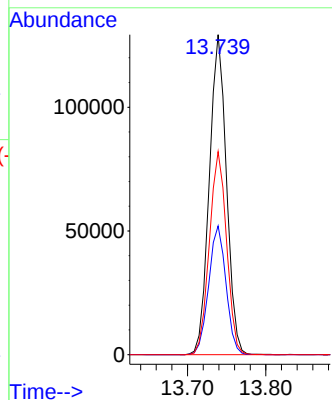
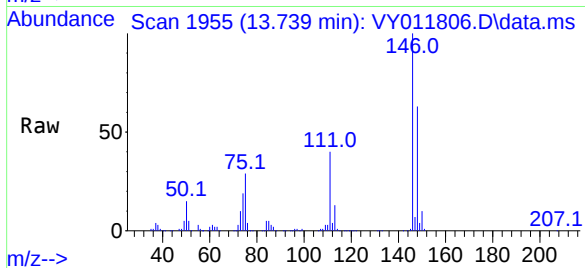
Tgt Ion:146 Resp: 196056

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.8

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.465 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011806.D

Acq: 13 Dec 2022 19:57

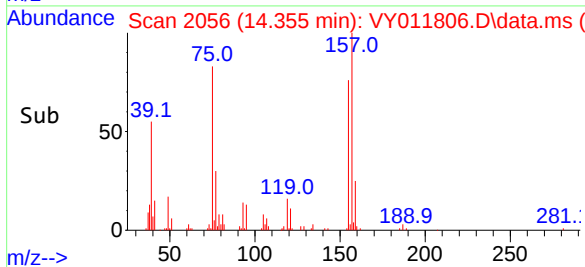
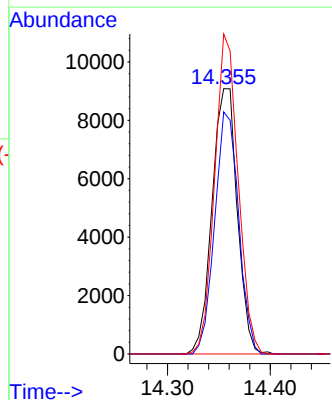
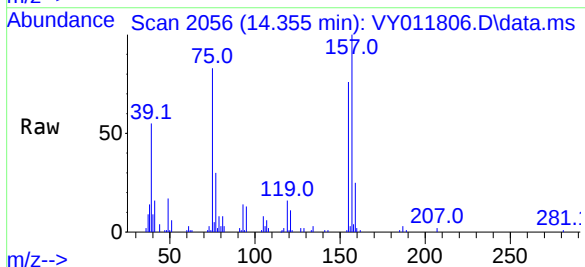
Tgt Ion: 75 Resp: 15490

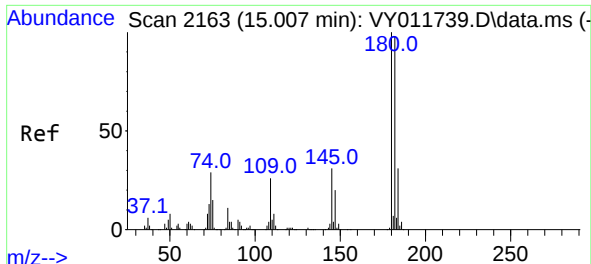
Ion Ratio Lower Upper

75 100

155 86.4 42.3 126.8

157 112.1 54.4 163.3

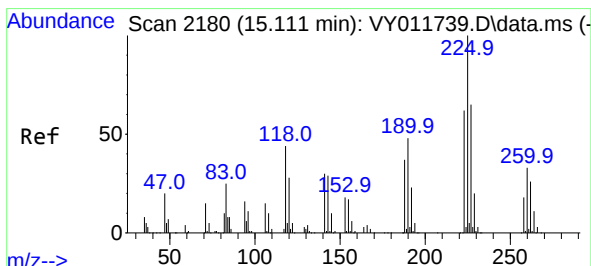
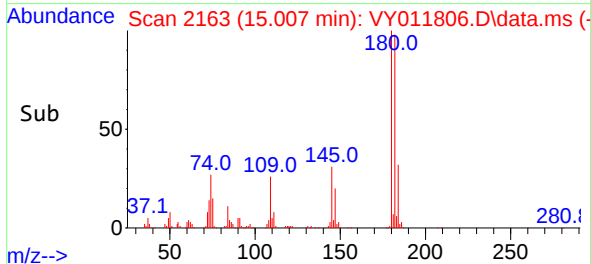
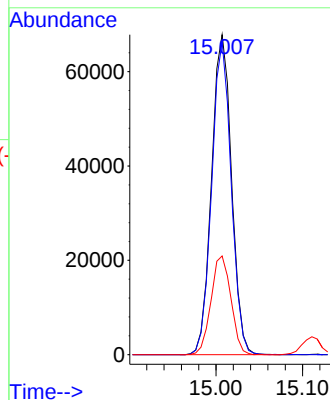
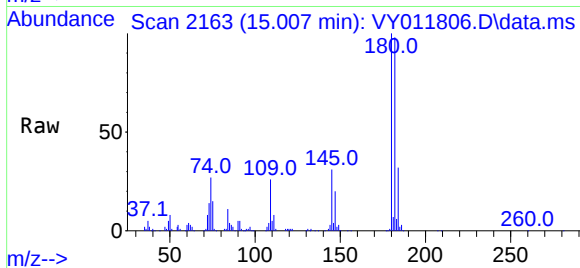




#93
1,2,4-Trichlorobenzene
Concen: 46.770 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

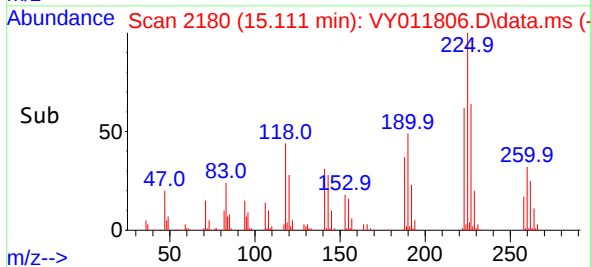
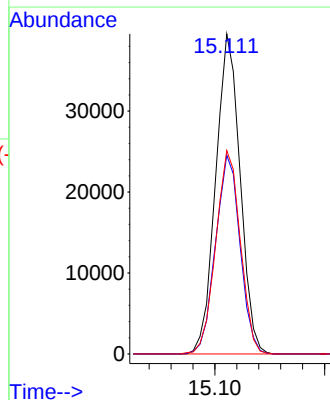
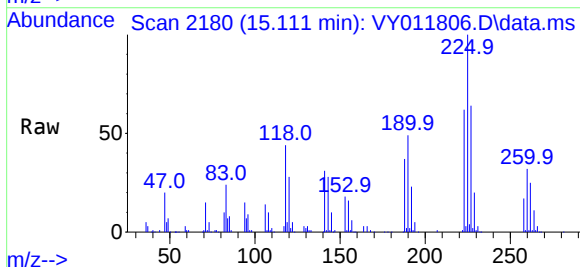
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

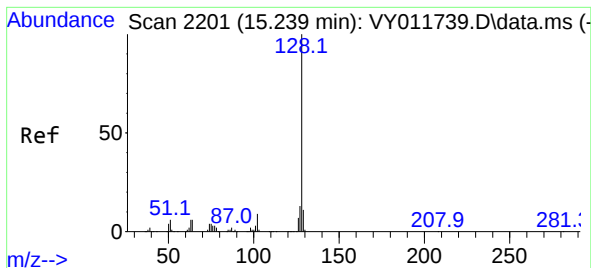
Tgt Ion:180 Resp: 108569
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 30.8 15.4 46.4



#94
Hexachlorobutadiene
Concen: 41.434 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:225 Resp: 61112
Ion Ratio Lower Upper
225 100
223 62.4 31.4 94.2
227 63.9 32.6 97.8

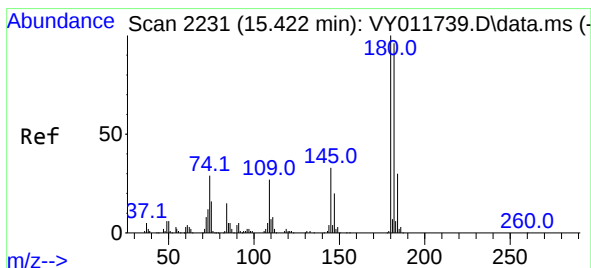
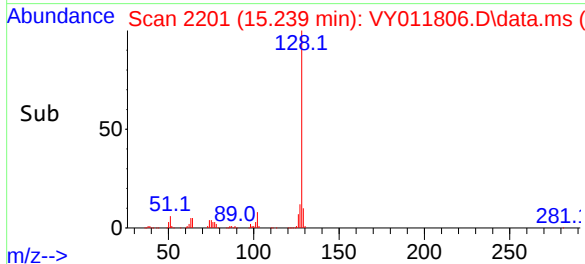
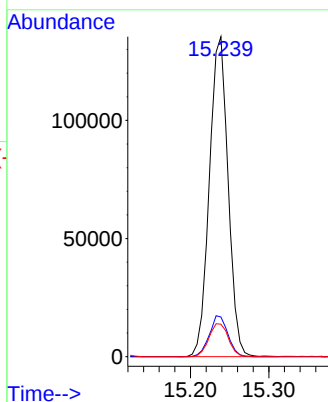
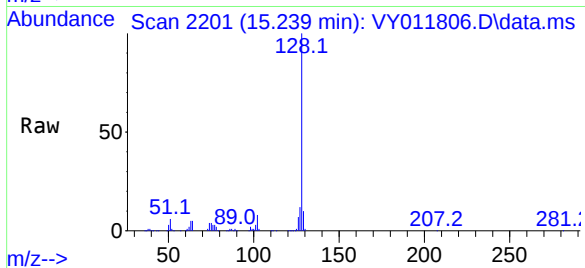




#95
Naphthalene
Concen: 49.918 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion:128 Resp: 224433
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.479 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011806.D
Acq: 13 Dec 2022 19:57

Tgt Ion:180 Resp: 93195
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.7
145 32.5 16.1 48.2

