

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011302.D
 Acq On : 04 Nov 2022 17:09
 Operator : KP/MD
 Sample : VY1104SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS02

Quant Time: Nov 07 01:52:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	234006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118679	47.420	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.840%			
35) Dibromofluoromethane	7.716	113	121015	50.446	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.900%			
50) Toluene-d8	10.179	98	460271	49.418	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.477	95	166335	51.443	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51378	25.394	ug/l	100
3) Chloromethane	2.113	50	52915	20.393	ug/l	97
4) Vinyl Chloride	2.247	62	59702	20.598	ug/l	100
5) Bromomethane	2.637	94	39114	20.227	ug/l	93
6) Chloroethane	2.784	64	37141	19.941	ug/l	97
7) Trichlorofluoromethane	3.119	101	88683	20.710	ug/l	95
8) Diethyl Ether	3.527	74	31597	20.564	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	53518	20.788	ug/l	94
10) Methyl Iodide	4.082	142	64502	19.463	ug/l	90
11) Tert butyl alcohol	4.948	59	28920	83.536	ug/l	96
12) 1,1-Dichloroethene	3.863	96	51896	20.388	ug/l	82
13) Acrolein	3.723	56	17505	121.440	ug/l	99
14) Allyl chloride	4.472	41	78502	20.360	ug/l #	85
15) Acrylonitrile	5.155	53	77567	100.605	ug/l	96
16) Acetone	3.942	43	65025	86.072	ug/l #	84
17) Carbon Disulfide	4.186	76	164100	19.628	ug/l	99
18) Methyl Acetate	4.472	43	42140	21.069	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	136835	20.230	ug/l	95
20) Methylene Chloride	4.710	84	87390	25.857	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	59268	20.472	ug/l	88
22) Diisopropyl ether	6.112	45	162780	20.363	ug/l #	91
23) Vinyl Acetate	6.051	43	484127	99.222	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	101690	20.313	ug/l	98
25) 2-Butanone	6.978	43	99861	93.944	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	90857	19.848	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	64765	20.302	ug/l	88
28) Bromochloromethane	7.326	49	36163	18.806	ug/l #	82
29) Tetrahydrofuran	7.344	42	62186	100.490	ug/l #	83
30) Chloroform	7.502	83	102123	20.198	ug/l	98
31) Cyclohexane	7.783	56	92000	19.833	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	92637	20.657	ug/l	94
36) 1,1-Dichloropropene	7.911	75	81141	20.712	ug/l	98
37) Ethyl Acetate	7.070	43	43142	20.429	ug/l #	91
38) Carbon Tetrachloride	7.899	117	84077	20.687	ug/l	97
39) Methylcyclohexane	9.179	83	100944	21.180	ug/l	92
40) Benzene	8.155	78	236797	20.567	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	54512	47.506	ug/l #	14
42) 1,2-Dichloroethane	8.234	62	63246	20.229	ug/l	90
43) Isopropyl Acetate	8.271	43	77264	20.766	ug/l #	88
44) Trichloroethene	8.935	130	63698	20.673	ug/l	100
45) 1,2-Dichloropropane	9.209	63	58022	20.384	ug/l	92
46) Dibromomethane	9.301	93	32710	20.339	ug/l	98
47) Bromodichloromethane	9.496	83	78034	20.468	ug/l	98
48) Methyl methacrylate	9.289	41	34810	20.369	ug/l #	77
49) 1,4-Dioxane	9.301	88	8476	391.754	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	205400	101.529	ug/l #	87
52) Toluene	10.240	92	150393	21.066	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	81207	20.225	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	94833	20.642	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	47813	20.743	ug/l	96
56) Ethyl methacrylate	10.508	69	63065	20.713	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	80427	20.385	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	150340	105.327	ug/l	96
59) 2-Hexanone	10.831	43	142701	98.802	ug/l	84
60) Dibromochloromethane	10.983	129	55671	20.328	ug/l	100
61) 1,2-Dibromoethane	11.087	107	44823	20.483	ug/l	99
64) Tetrachloroethene	10.715	164	62564	21.627	ug/l	98
65) Chlorobenzene	11.514	112	155911	20.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	57224	20.685	ug/l	97
67) Ethyl Benzene	11.593	91	280359	21.036	ug/l	100
68) m/p-Xylenes	11.697	106	217804	42.099	ug/l	96
69) o-Xylene	12.026	106	101845	21.001	ug/l	94
70) Styrene	12.044	104	173606	21.117	ug/l	96
71) Bromoform	12.203	173	36372	21.153	ug/l #	99
73) Isopropylbenzene	12.325	105	270444	20.896	ug/l	99
74) N-amyl acetate	12.142	43	66085	20.341	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	54483	20.343	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	72900	34.592	ug/l #	100
77) Bromobenzene	12.605	156	61964	20.354	ug/l	99
78) n-propylbenzene	12.666	91	330136	20.846	ug/l	99
79) 2-Chlorotoluene	12.751	91	188502	20.774	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	229969	20.998	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	20343	20.659	ug/l #	81
82) 4-Chlorotoluene	12.849	91	193869	20.732	ug/l	100
83) tert-Butylbenzene	13.068	119	198696	21.056	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	226538	20.914	ug/l	99
85) sec-Butylbenzene	13.251	105	295639	21.130	ug/l	100
86) p-Isopropyltoluene	13.367	119	245731	21.071	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	124903	20.461	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	124121	20.273	ug/l	98
89) n-Butylbenzene	13.690	91	225745	20.730	ug/l	99
90) Hexachloroethane	13.959	117	47959	20.563	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	111598	20.467	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	8938	19.482	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	63977	19.413	ug/l	99
94) Hexachlorobutadiene	15.105	225	38923	20.284	ug/l	97
95) Naphthalene	15.233	128	125996	19.022	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	55329	19.104	ug/l	98

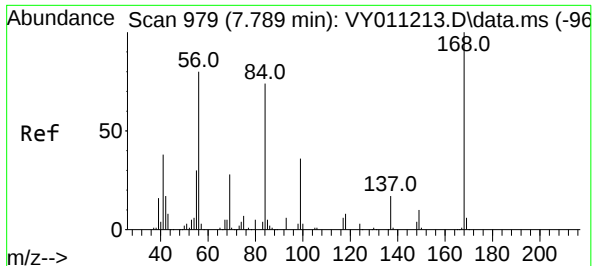
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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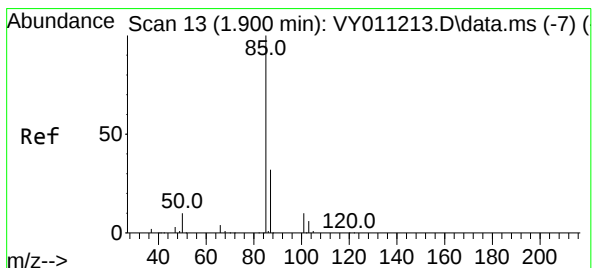
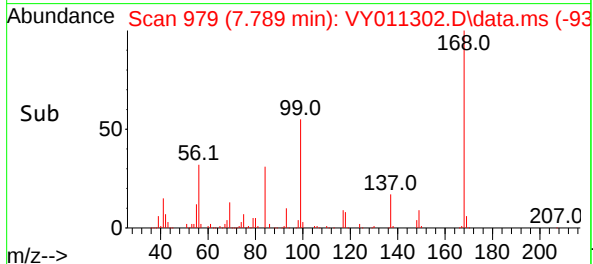
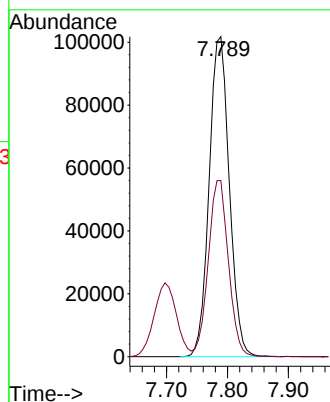
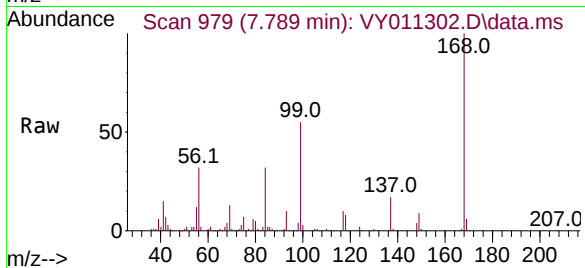
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

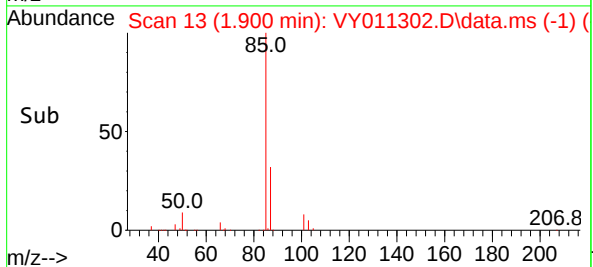
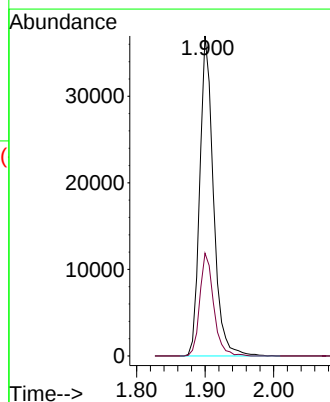
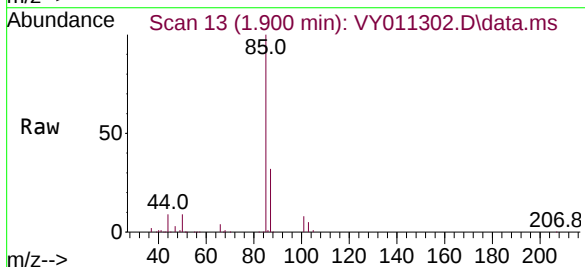
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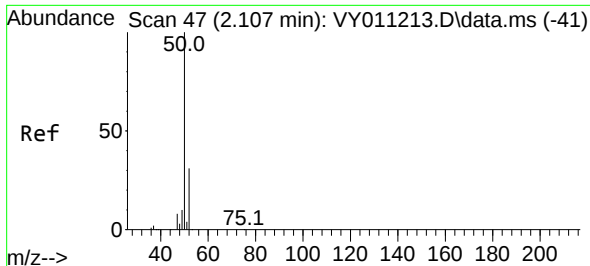
Tgt Ion:168 Resp: 234006
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 25.394 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 85 Resp: 51378
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

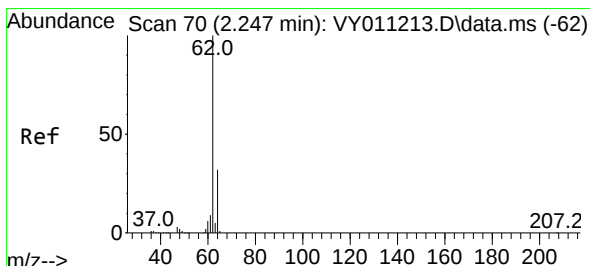
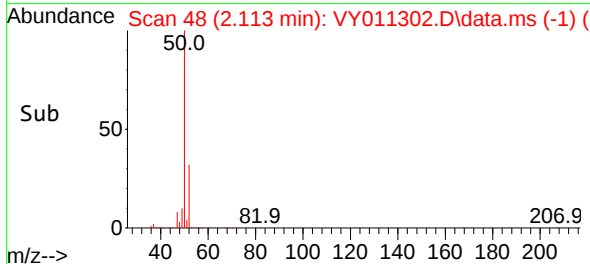
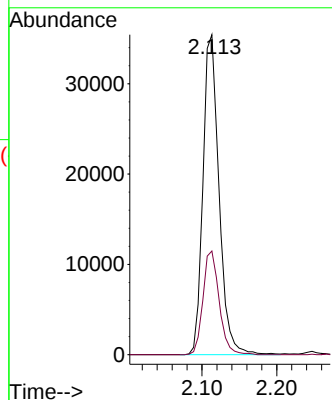
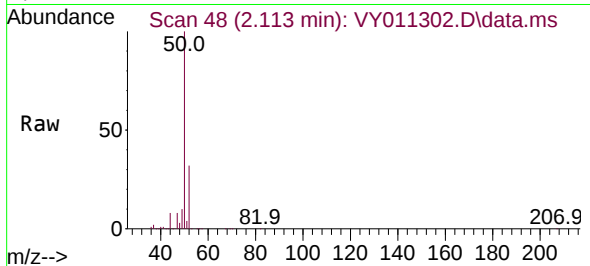




#3
Chloromethane
Concen: 20.393 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

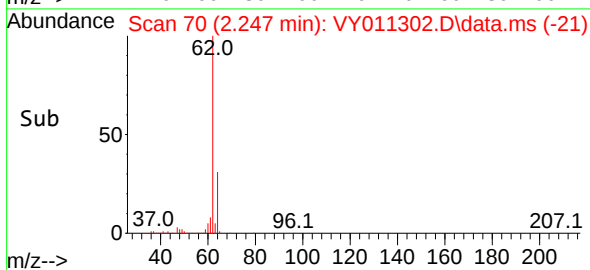
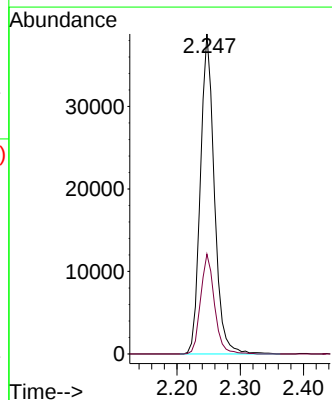
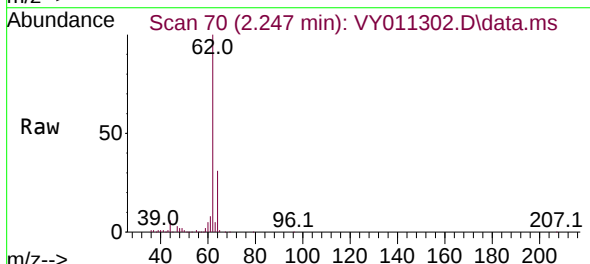
Instrument :
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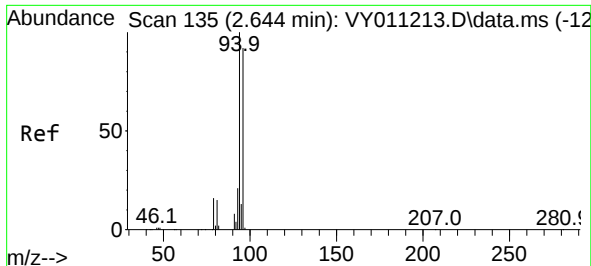
Tgt Ion: 50 Resp: 52915
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0



#4
Vinyl Chloride
Concen: 20.598 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 62 Resp: 59702
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6

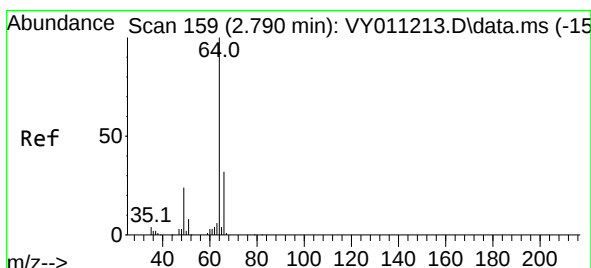
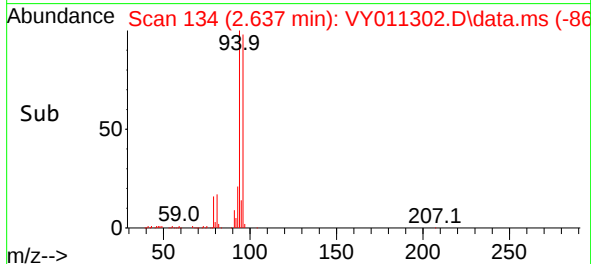
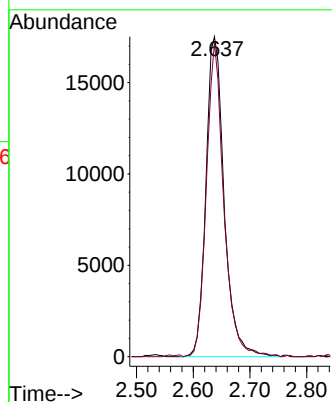
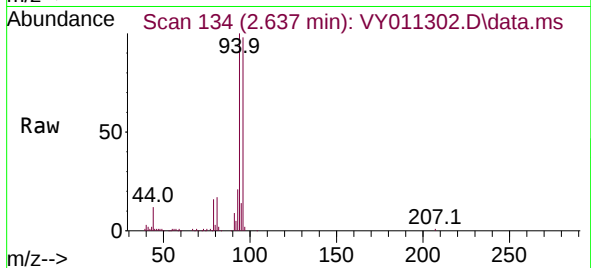




#5
Bromomethane
Concen: 20.227 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

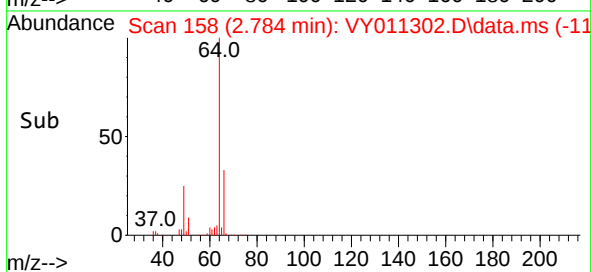
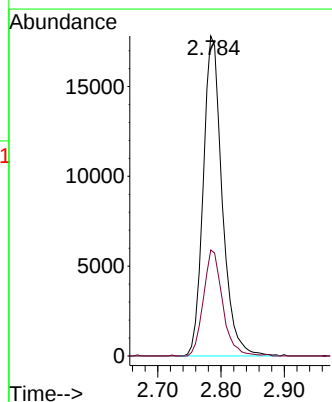
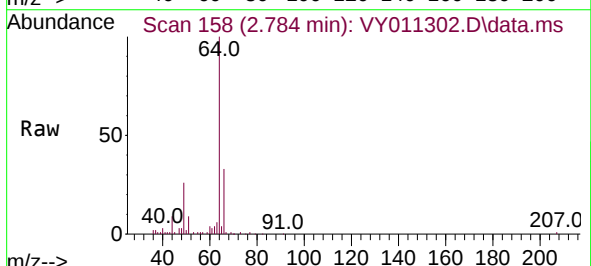
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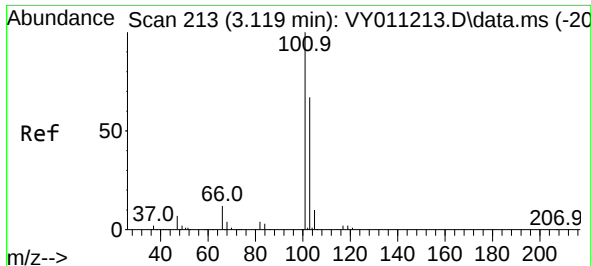
Tgt Ion: 94 Resp: 39114
Ion Ratio Lower Upper
94 100
96 98.1 73.5 110.3



#6
Chloroethane
Concen: 19.941 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 64 Resp: 37141
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.0

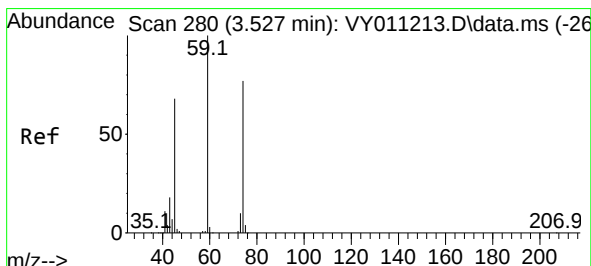
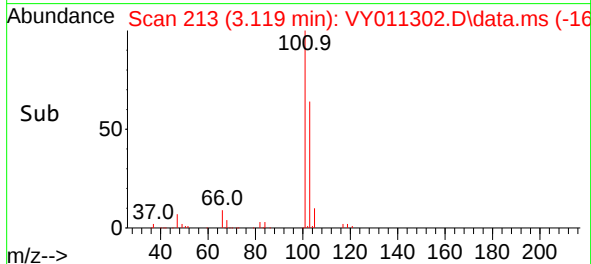
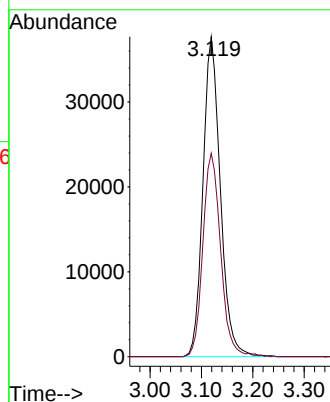
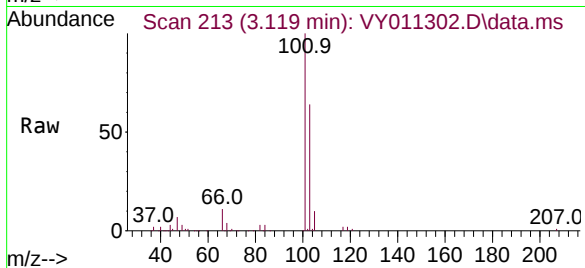




#7
Trichlorofluoromethane
Concen: 20.710 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

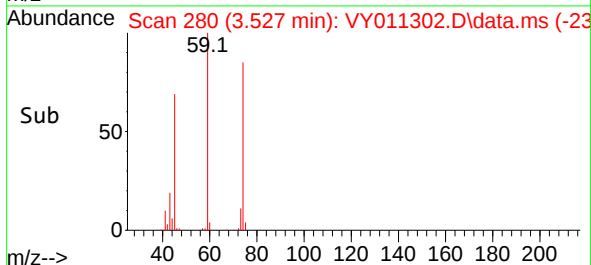
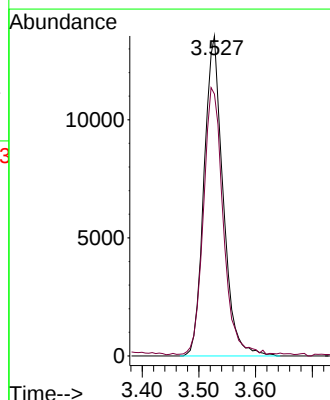
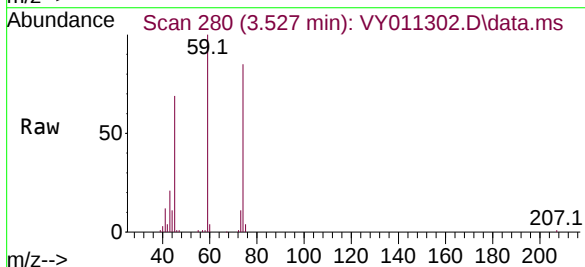
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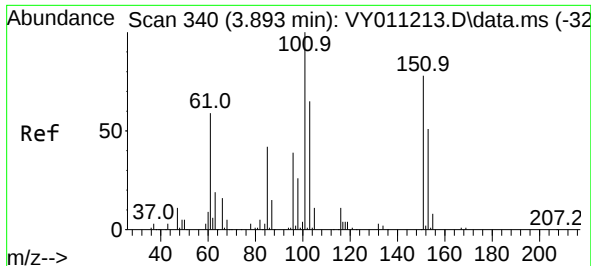
Tgt Ion:101 Resp: 88683
Ion Ratio Lower Upper
101 100
103 63.5 48.0 72.0



#8
Diethyl Ether
Concen: 20.564 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 74 Resp: 31597
Ion Ratio Lower Upper
74 100
45 86.0 55.1 165.5

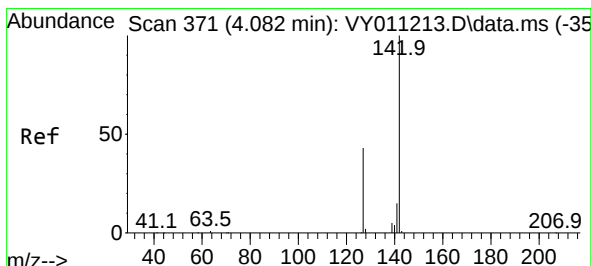
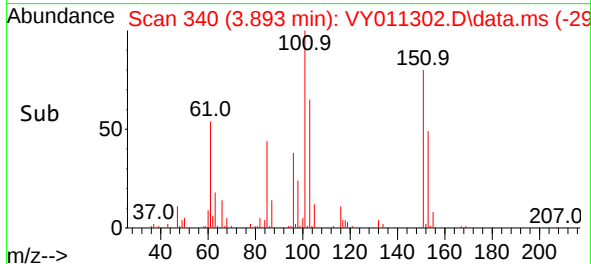
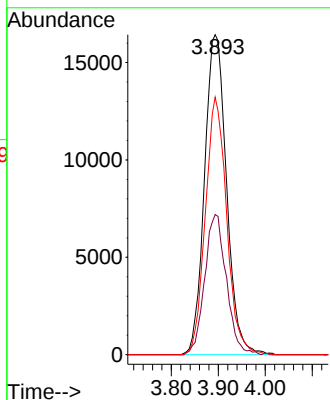
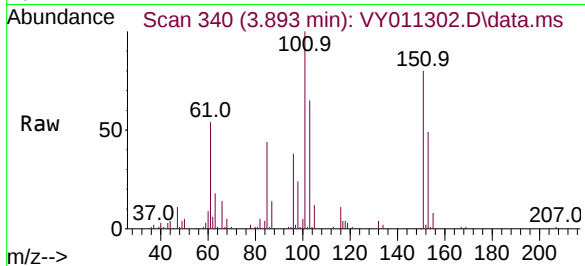




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.788 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY011302.D
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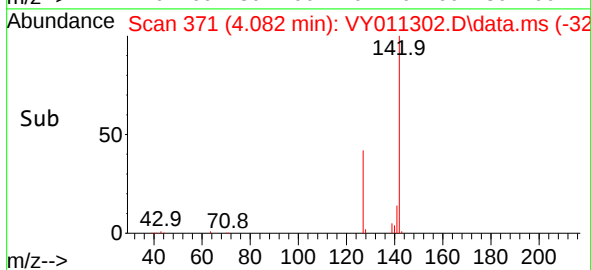
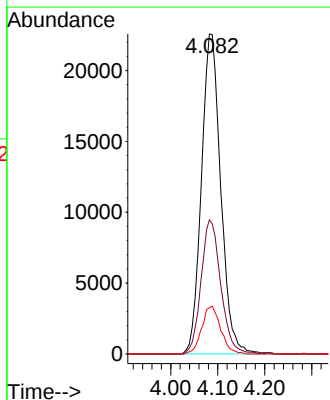
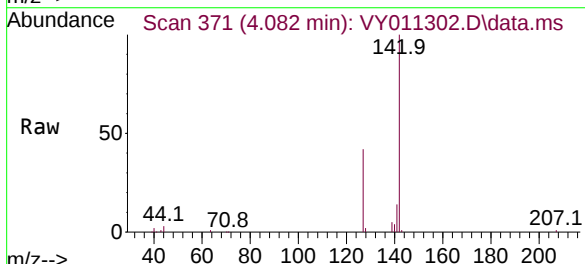
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

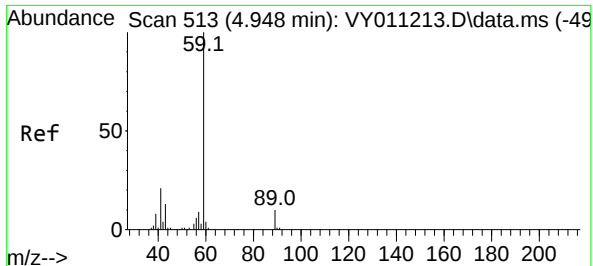
Tgt Ion:101 Resp: 53518
Ion Ratio Lower Upper
101 100
85 42.9 40.6 60.8
151 77.9 64.9 97.3



#10
Methyl Iodide
Concen: 19.463 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion:142 Resp: 64502
Ion Ratio Lower Upper
142 100
127 42.6 41.5 62.3
141 14.6 11.9 17.9

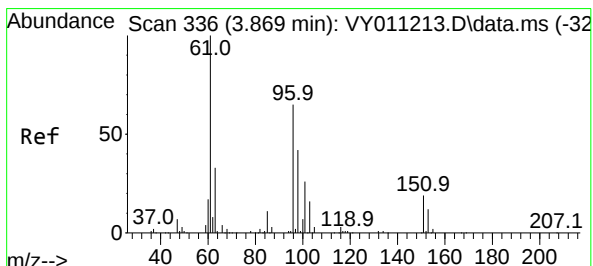
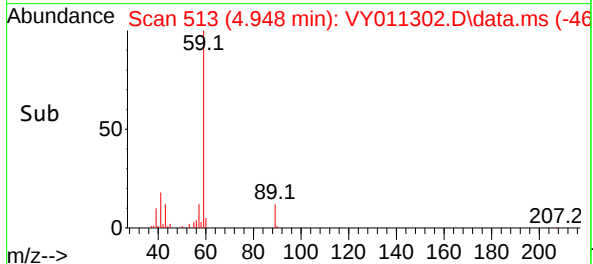
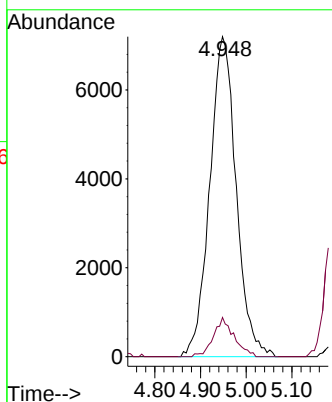
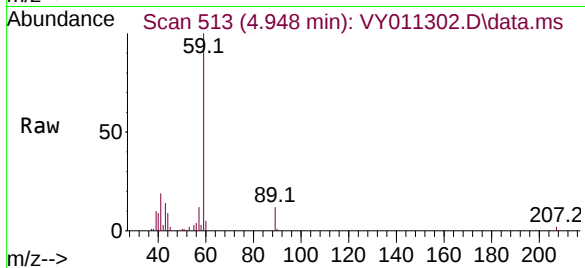




#11
Tert butyl alcohol
Concen: 83.536 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

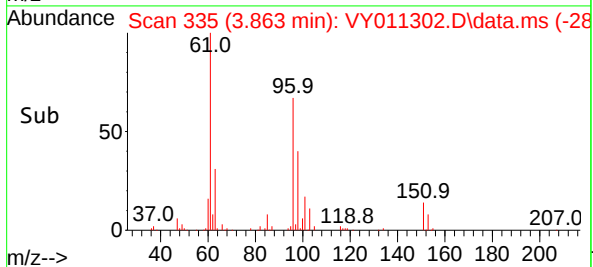
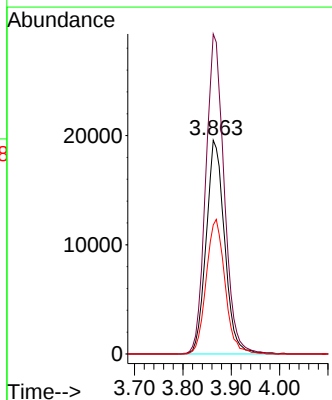
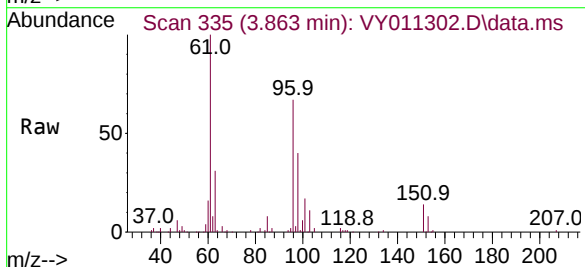
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

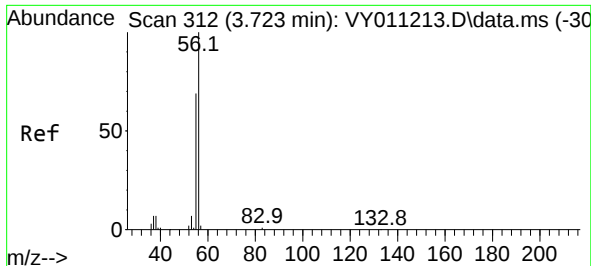
Tgt Ion: 59 Resp: 28920
Ion Ratio Lower Upper
59 100
57 9.5 6.4 9.6



#12
1,1-Dichloroethene
Concen: 20.388 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 96 Resp: 51896
Ion Ratio Lower Upper
96 100
61 149.7 145.8 218.6
98 60.4 52.5 78.7





#13

Acrolein

Concen: 121.440 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

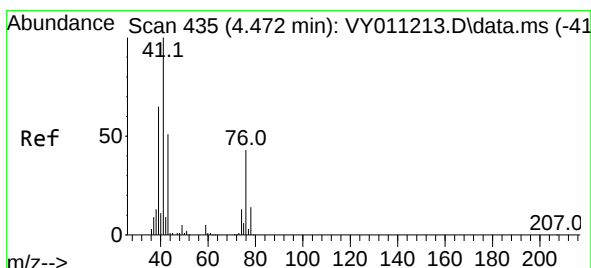
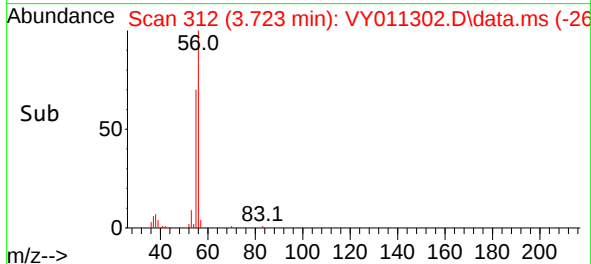
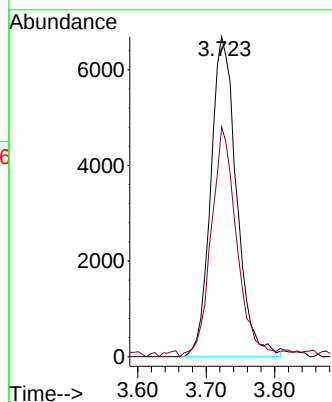
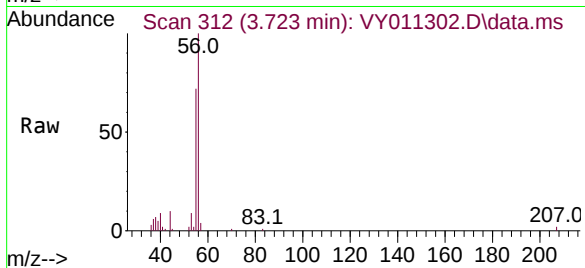
VY1104SBS02

Tgt Ion: 56 Resp: 17505

Ion Ratio Lower Upper

56 100

55 70.8 57.6 86.4



#14

Allyl chloride

Concen: 20.360 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.001 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

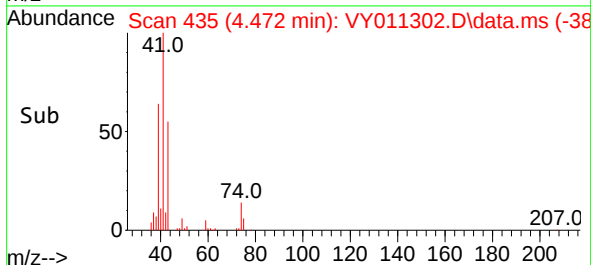
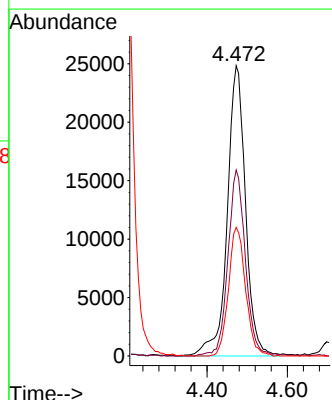
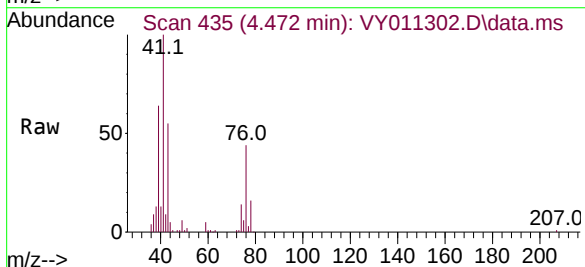
Tgt Ion: 41 Resp: 78502

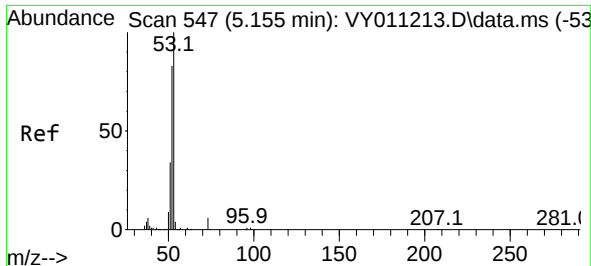
Ion Ratio Lower Upper

41 100

39 61.5 58.8 88.2

76 41.4 25.1 37.7#

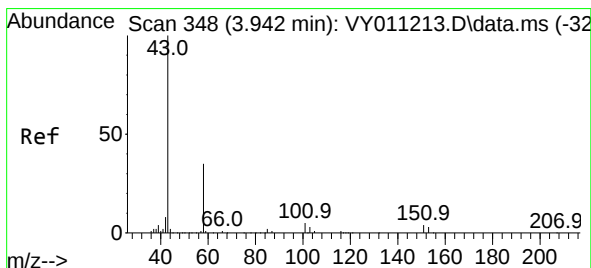
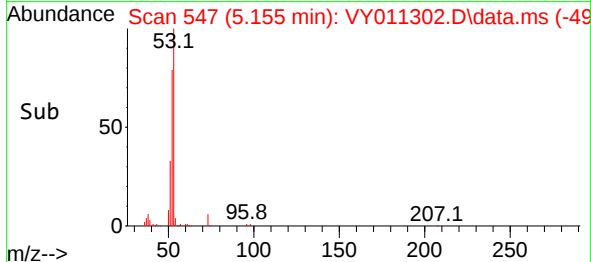
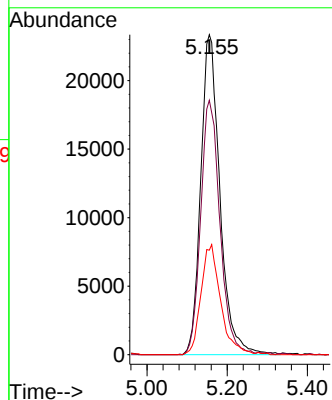
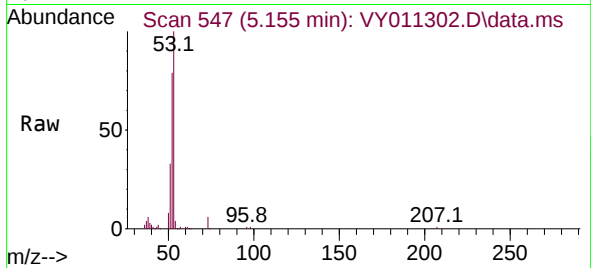




#15
Acrylonitrile
Concen: 100.605 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

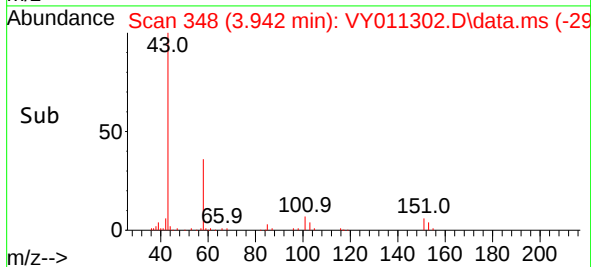
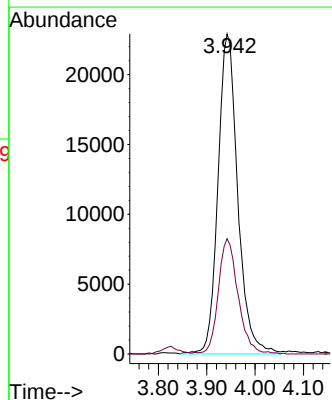
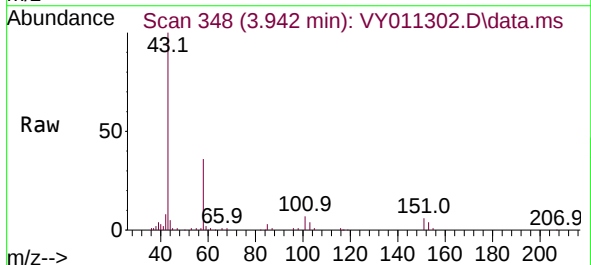
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

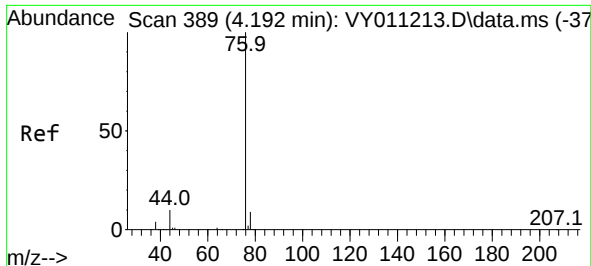
Tgt Ion: 53 Resp: 77567
Ion Ratio Lower Upper
53 100
52 79.7 67.0 100.4
51 35.1 29.8 44.6



#16
Acetone
Concen: 86.072 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 43 Resp: 65025
Ion Ratio Lower Upper
43 100
58 36.0 22.0 33.0#

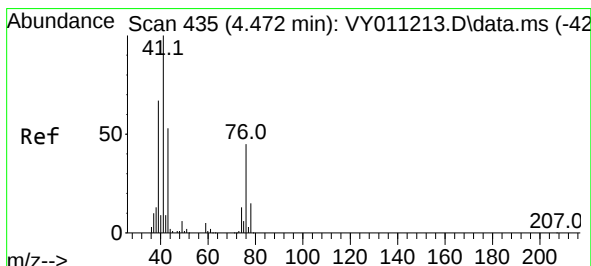
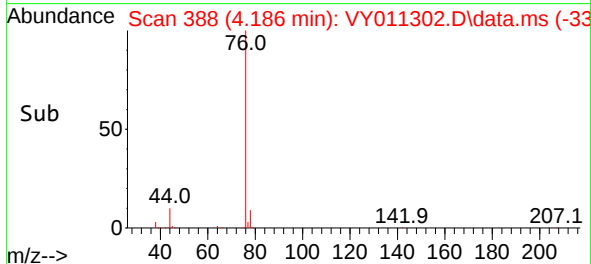
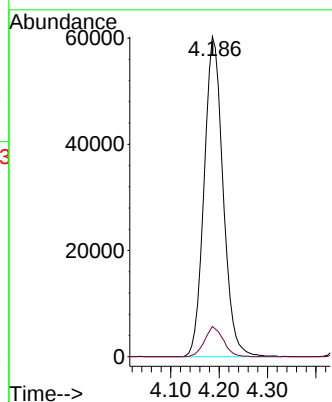
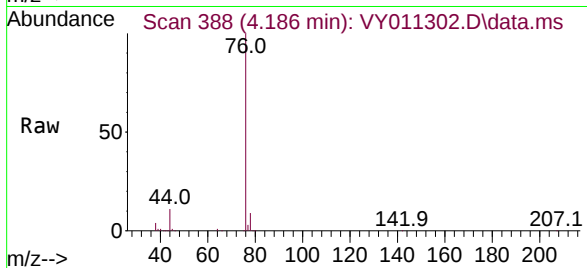




#17
Carbon Disulfide
Concen: 19.628 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

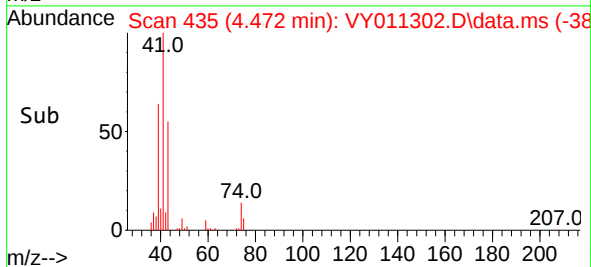
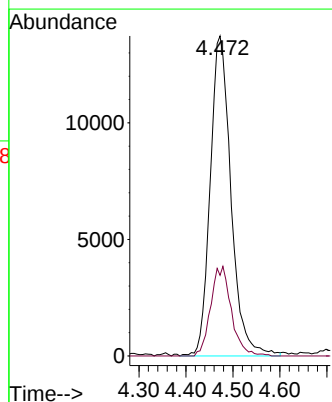
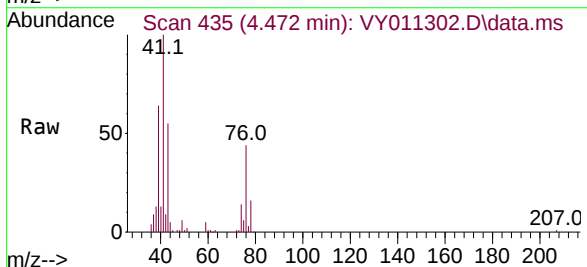
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

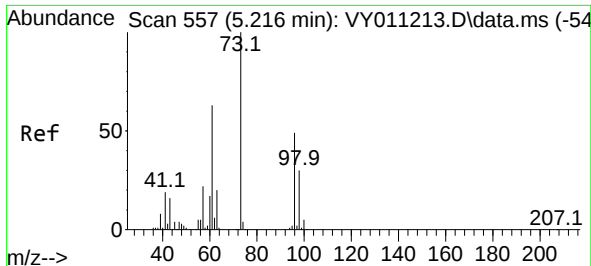
Tgt Ion: 76 Resp: 164100
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 21.069 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 43 Resp: 42140
Ion Ratio Lower Upper
43 100
74 27.8 16.6 24.8#

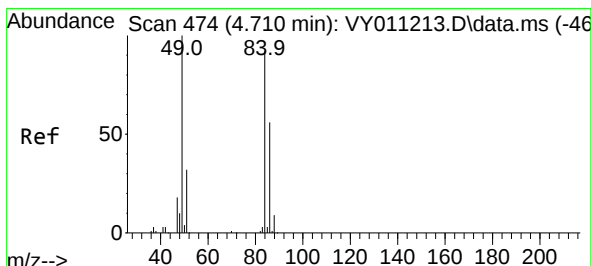
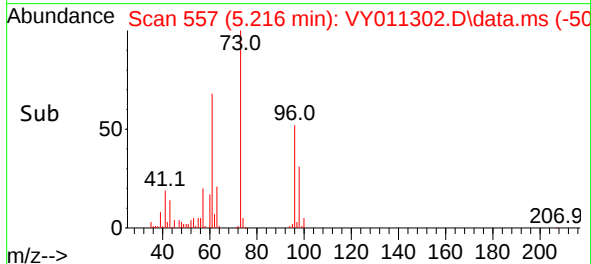
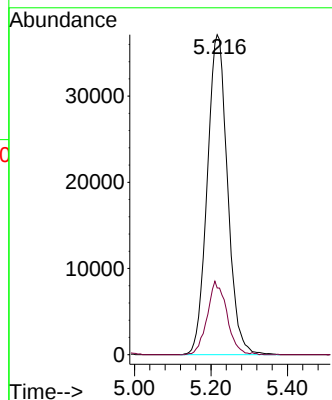
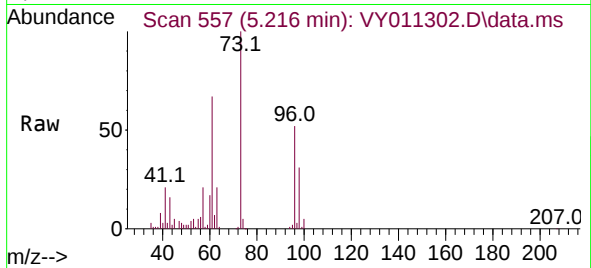




#19
Methyl tert-butyl Ether
Concen: 20.230 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

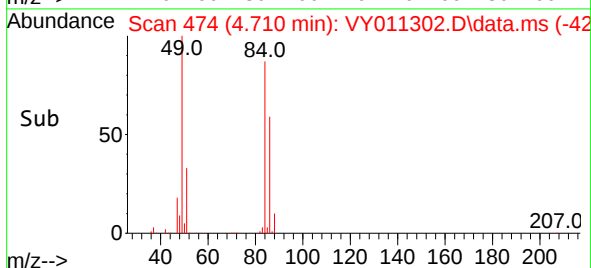
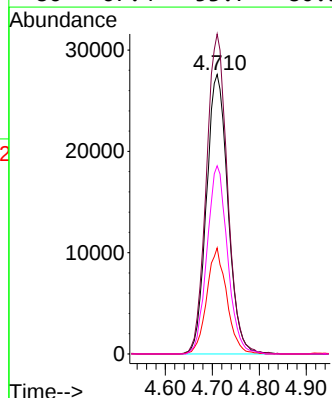
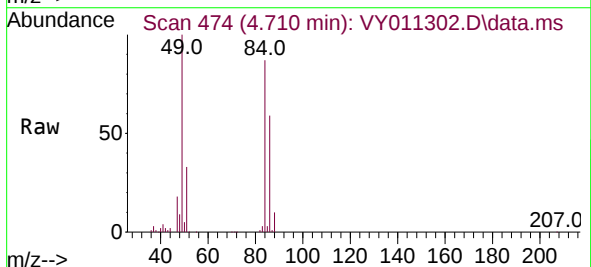
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

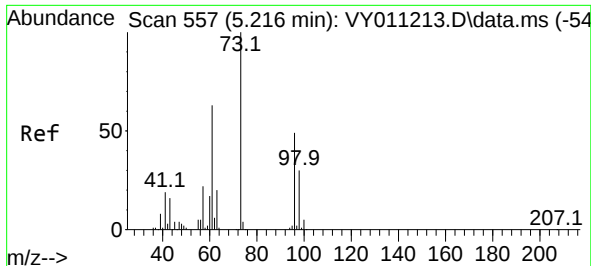
Tgt Ion: 73 Resp: 136835
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8



#20
Methylene Chloride
Concen: 25.857 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 84 Resp: 87390
Ion Ratio Lower Upper
84 100
49 114.5 114.4 171.6
51 38.0 35.3 52.9
86 67.4 53.7 80.5

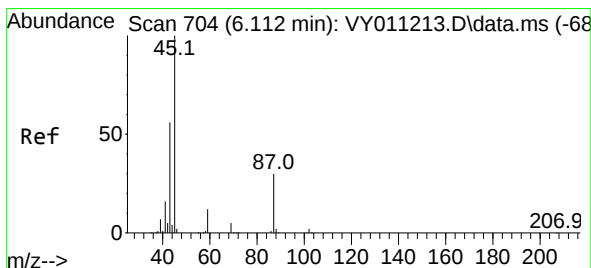
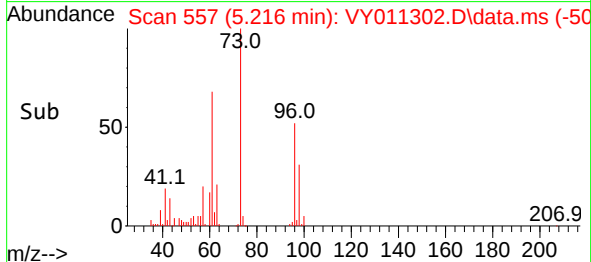
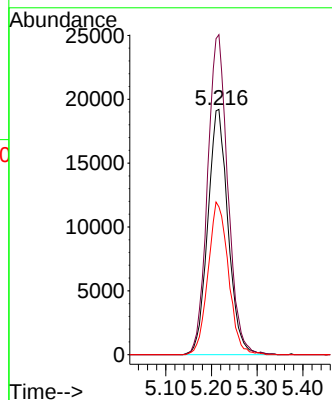
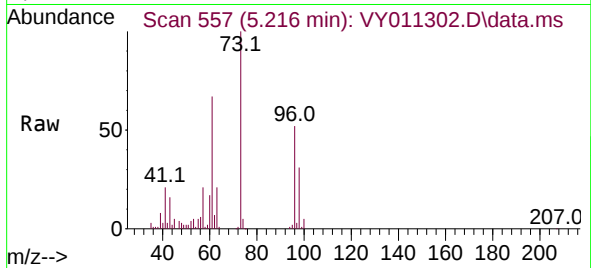




#21
trans-1,2-Dichloroethene
Concen: 20.472 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

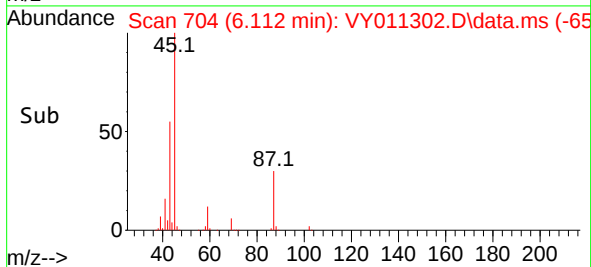
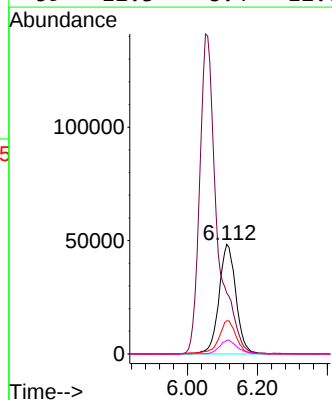
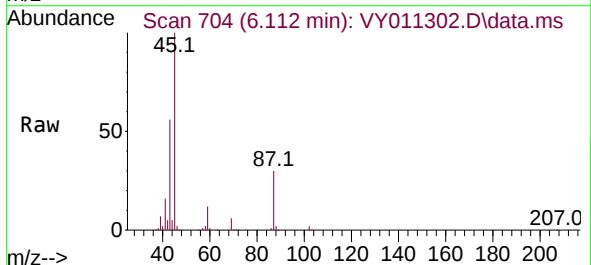
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

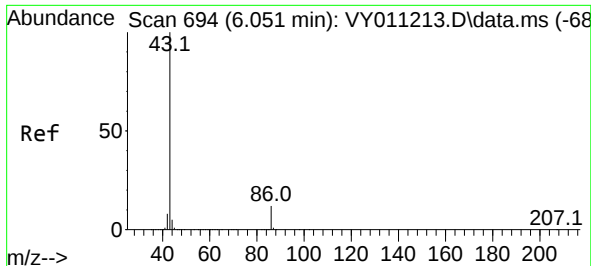
Tgt Ion: 96 Resp: 59268
Ion Ratio Lower Upper
96 100
61 130.5 120.5 180.7
98 60.3 49.8 74.8



#22
Diisopropyl ether
Concen: 20.363 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 45 Resp: 162780
Ion Ratio Lower Upper
45 100
43 55.5 49.3 73.9
87 30.2 19.2 28.8#
59 12.3 8.4 12.6

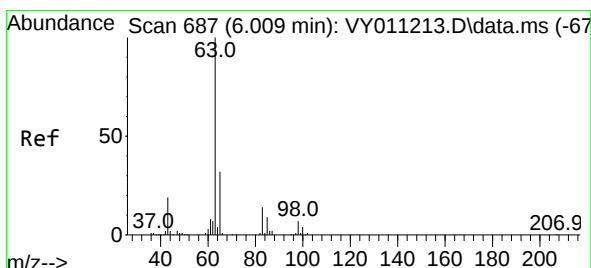
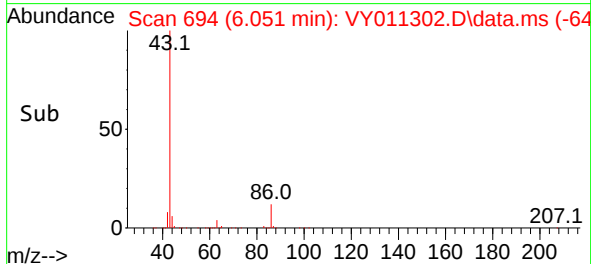
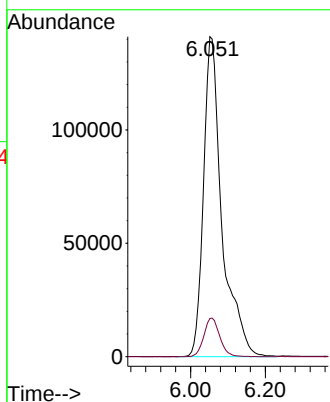
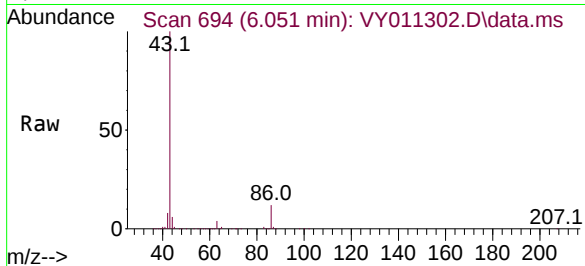




#23
 Vinyl Acetate
 Concen: 99.222 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.007 min
 Lab File: VY011302.D
 Acq: 04 Nov 2022 17:09

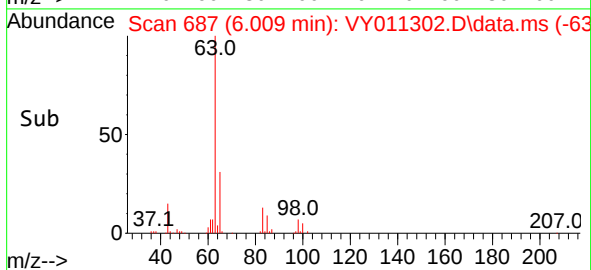
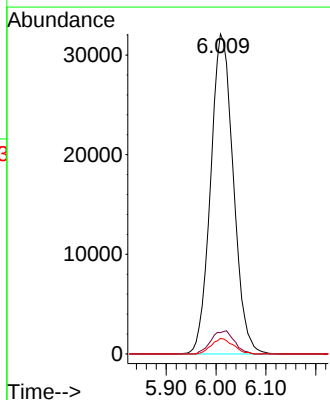
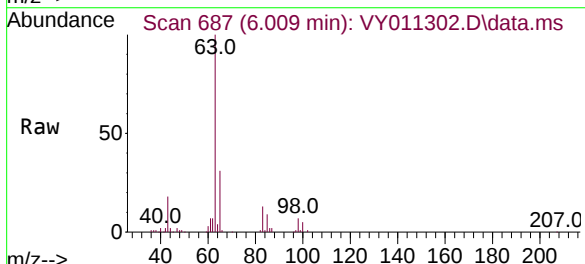
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS02

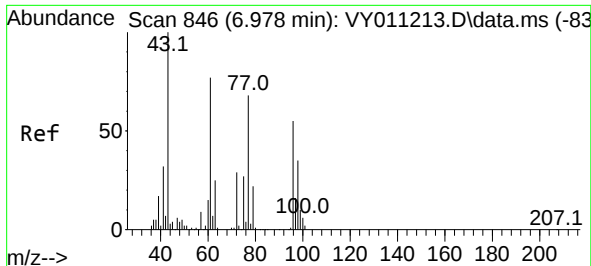
Tgt Ion: 43 Resp: 484127
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.313 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY011302.D
 Acq: 04 Nov 2022 17:09

Tgt Ion: 63 Resp: 101690
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.8 2.0 5.8

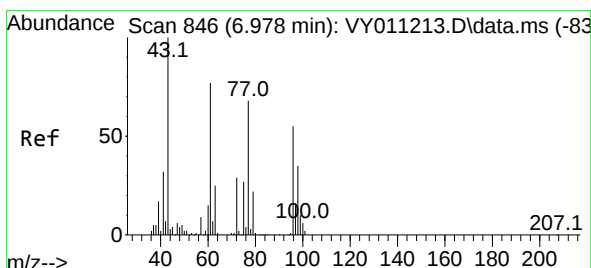
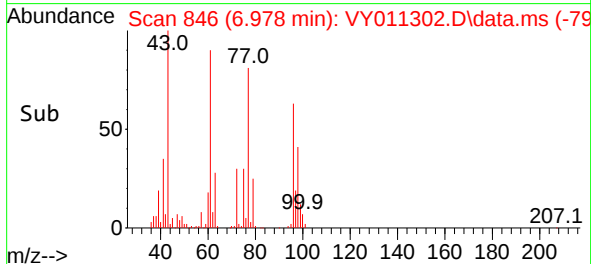
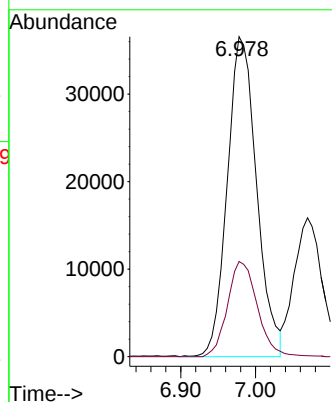
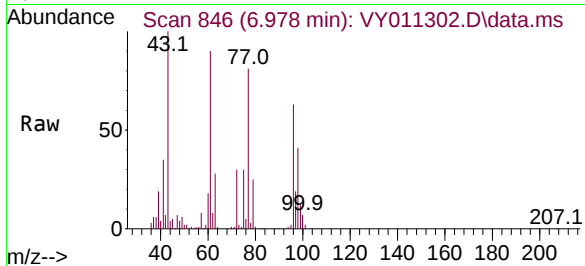




#25
2-Butanone
Concen: 93.944 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

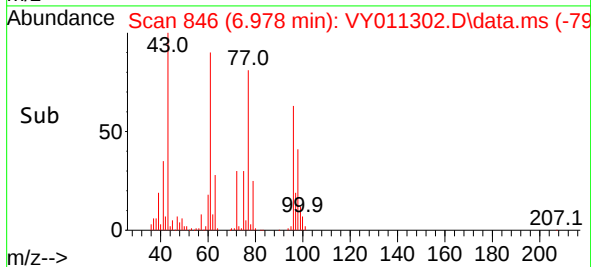
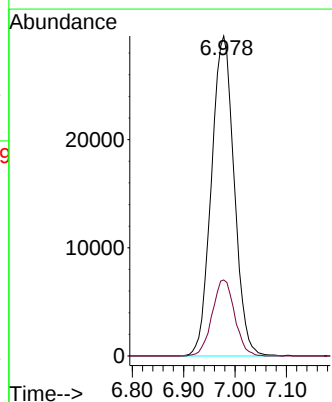
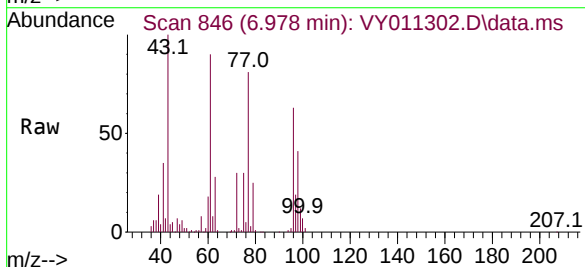
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

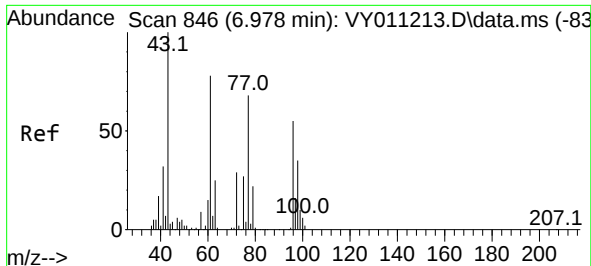
Tgt Ion: 43 Resp: 99861
Ion Ratio Lower Upper
43 100
72 29.8 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 19.848 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 77 Resp: 90857
Ion Ratio Lower Upper
77 100
97 23.5 10.4 31.4

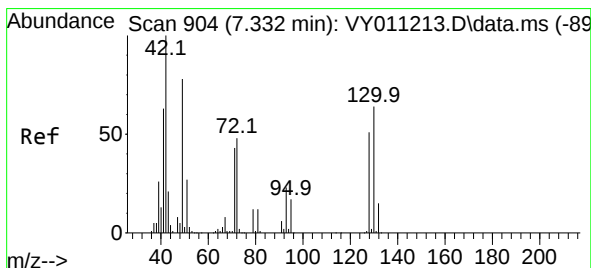
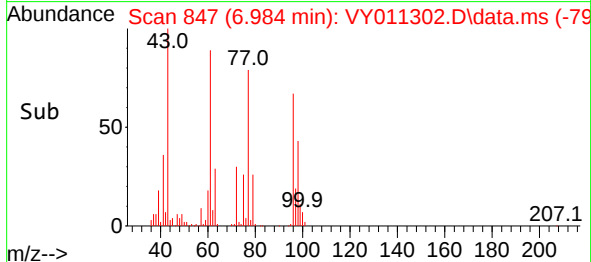
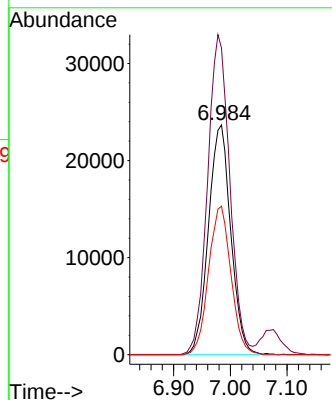
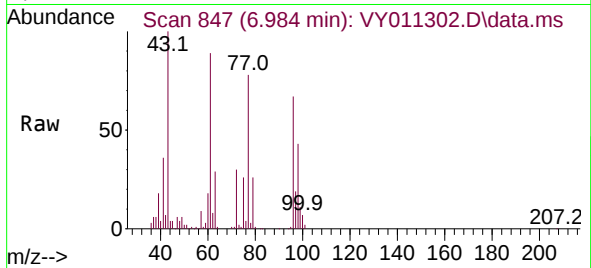




#27
 cis-1,2-Dichloroethene
 Concen: 20.302 ug/l
 RT: 6.984 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VY011302.D
 Acq: 04 Nov 2022 17:09

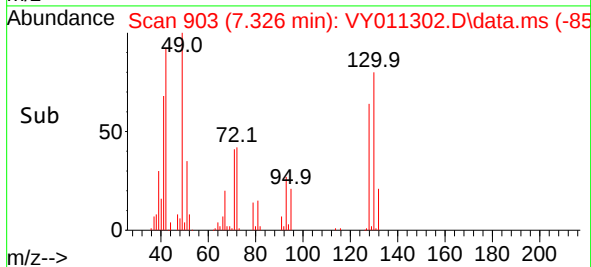
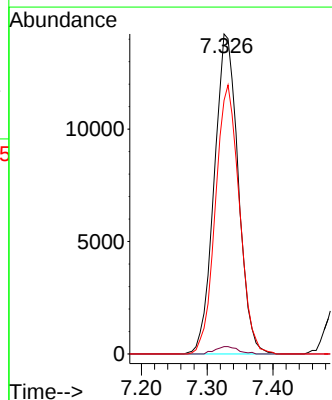
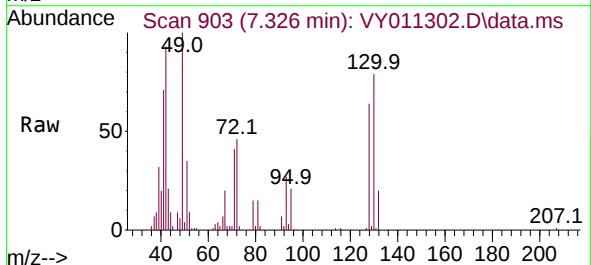
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS02

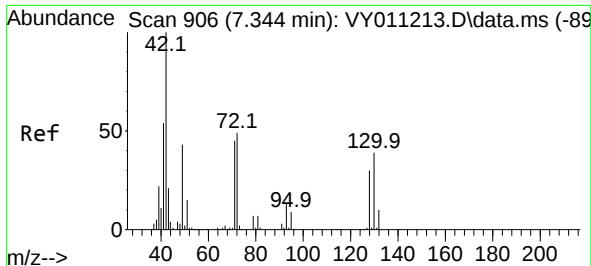
Tgt Ion: 96 Resp: 64765
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 319.8
 98 64.7 0.0 127.0



#28
 Bromochloromethane
 Concen: 18.806 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY011302.D
 Acq: 04 Nov 2022 17:09

Tgt Ion: 49 Resp: 36163
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2#
 130 83.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 100.490 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

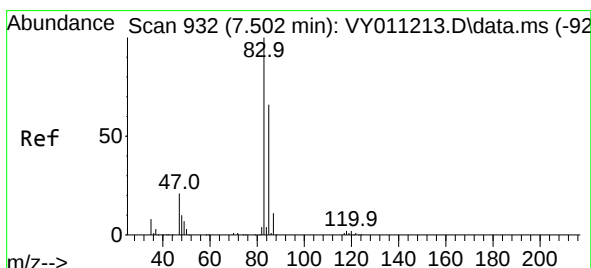
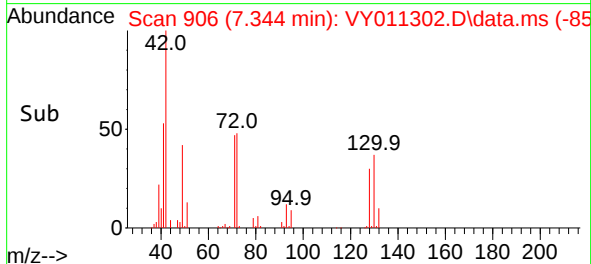
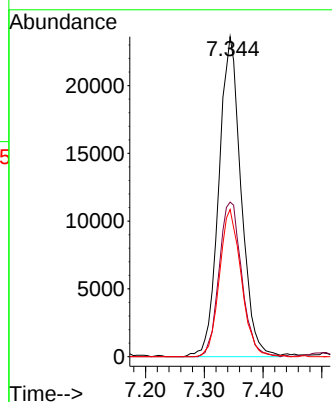
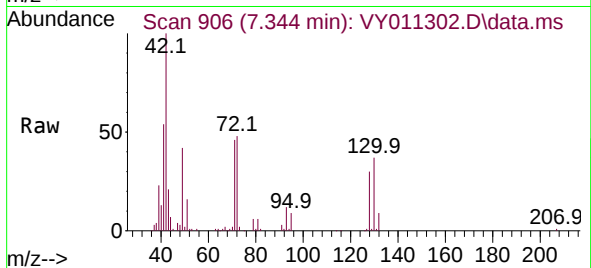
Tgt Ion: 42 Resp: 62186

Ion Ratio Lower Upper

42 100

72 49.2 30.3 45.5#

71 45.0 29.0 43.4#



#30

Chloroform

Concen: 20.198 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY011302.D

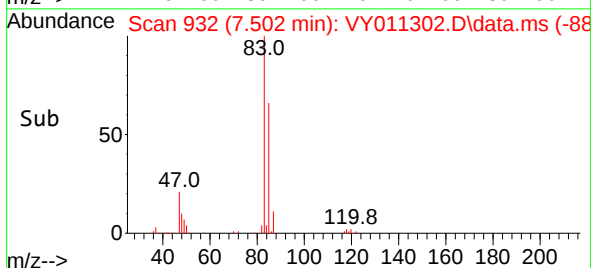
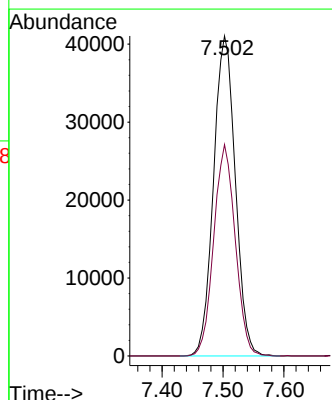
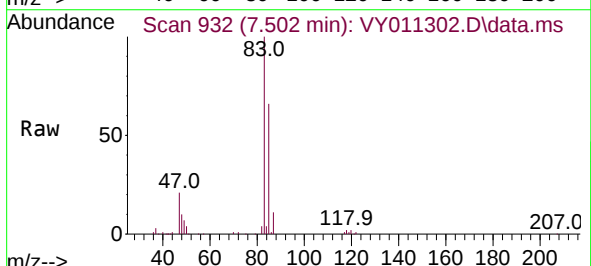
Acq: 04 Nov 2022 17:09

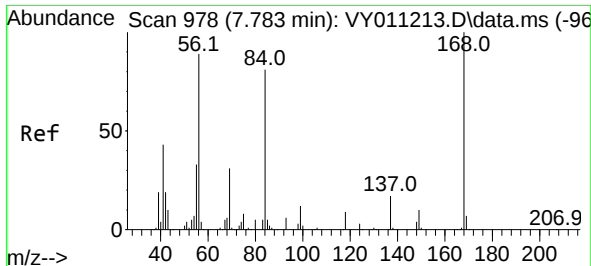
Tgt Ion: 83 Resp: 102123

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.6

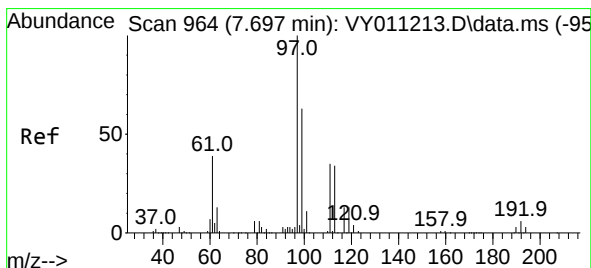
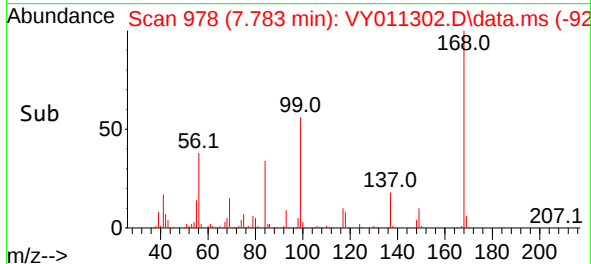
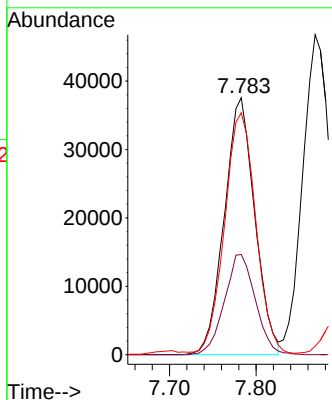
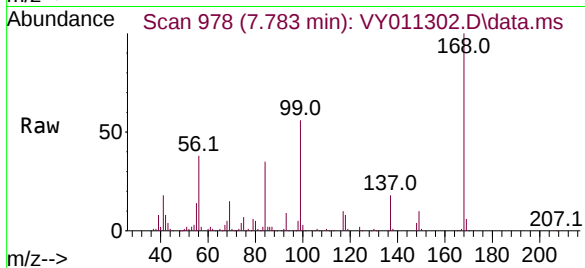




#31
Cyclohexane
Concen: 19.833 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

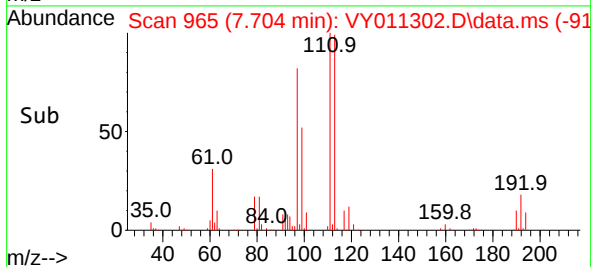
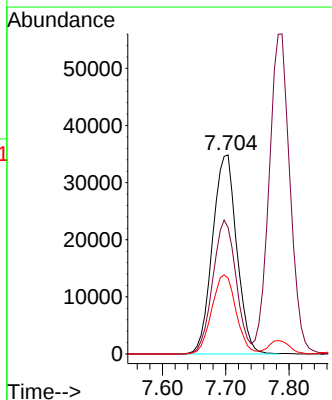
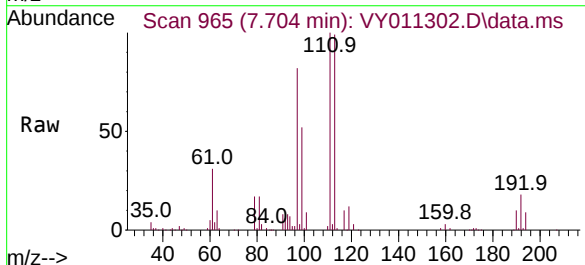
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

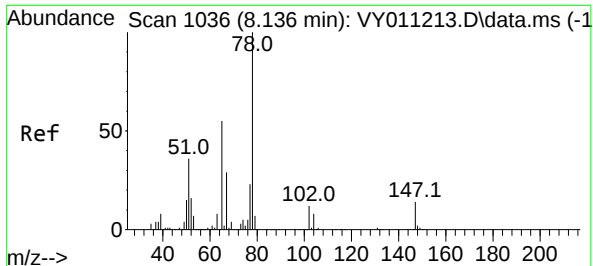
Tgt Ion: 56 Resp: 92000
Ion Ratio Lower Upper
56 100
69 39.0 26.7 40.1
84 93.2 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.657 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 97 Resp: 92637
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 39.9 37.6 56.4

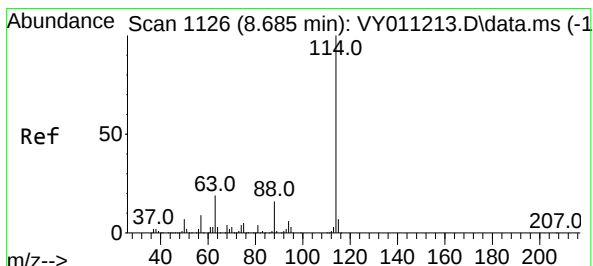
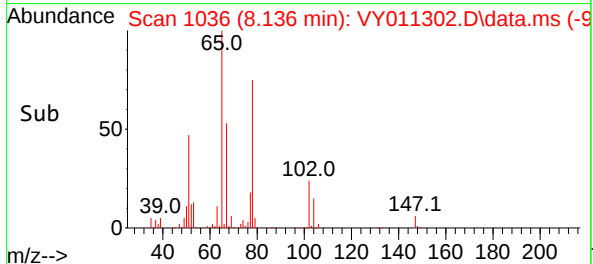
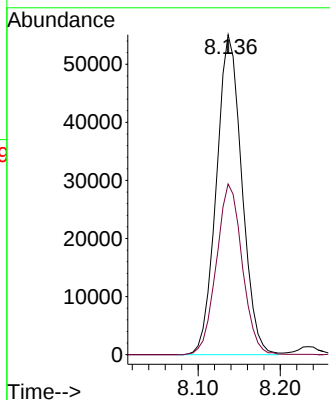
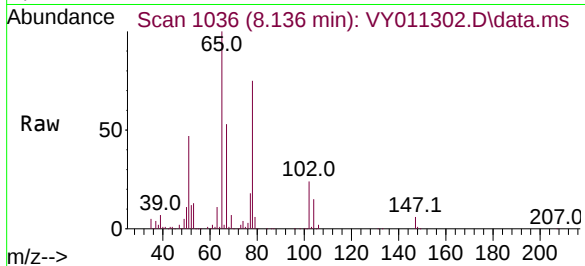




#33
1,2-Dichloroethane-d4
Concen: 47.420 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

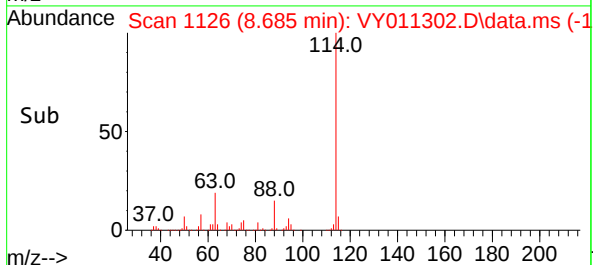
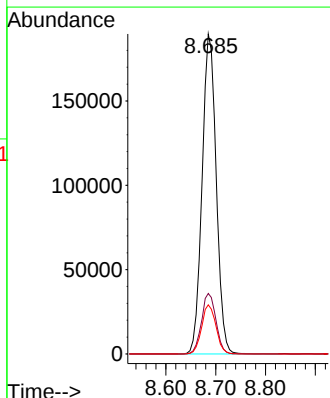
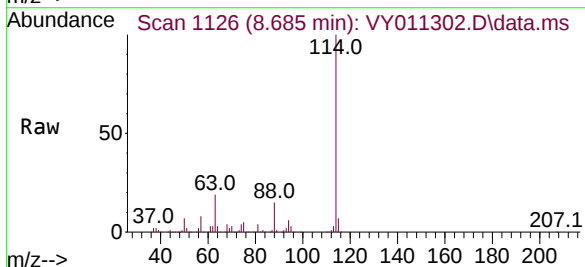
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

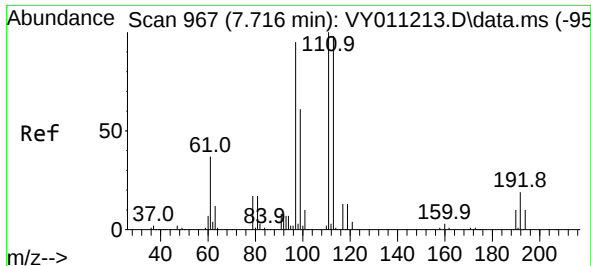
Tgt Ion: 65 Resp: 118679
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 114 Resp: 373369
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 15.3 0.0 31.8

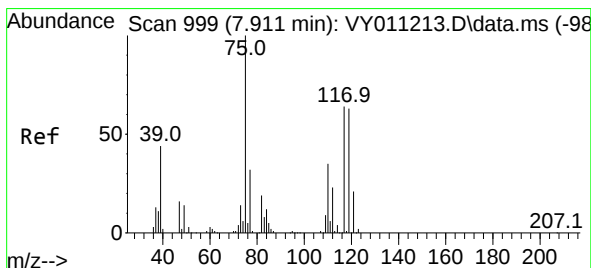
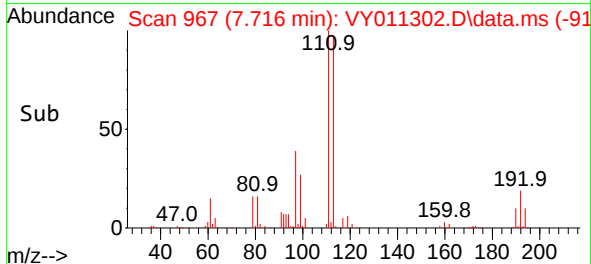
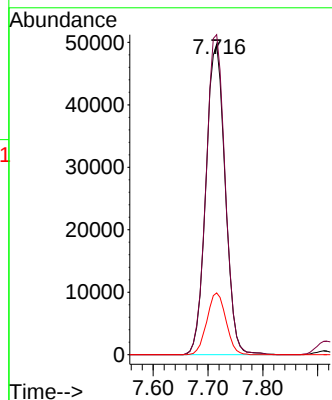
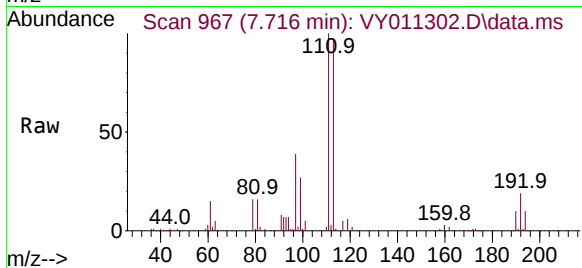




#35
Dibromofluoromethane
Concen: 50.446 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

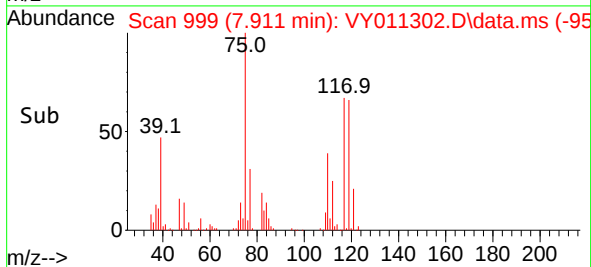
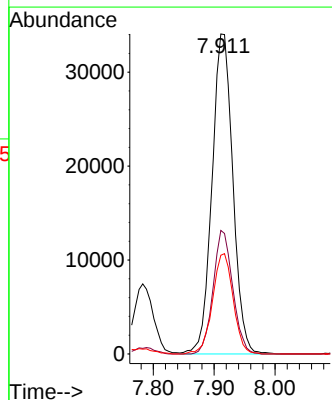
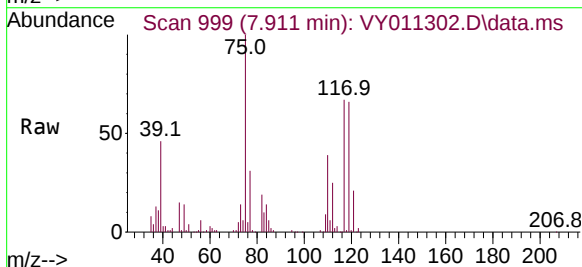
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

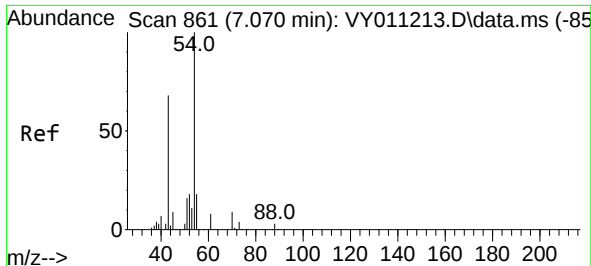
Tgt Ion:113 Resp: 121015
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.712 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 75 Resp: 81141
Ion Ratio Lower Upper
75 100
110 36.2 17.1 51.2
77 31.0 24.4 36.6

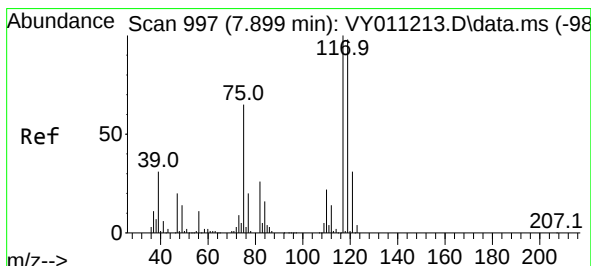
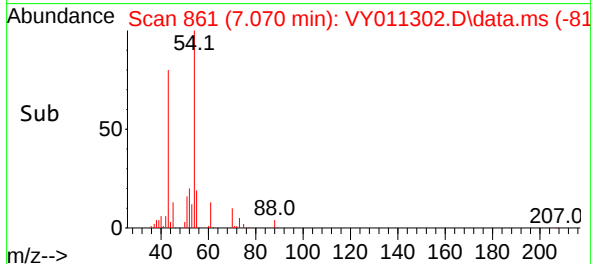
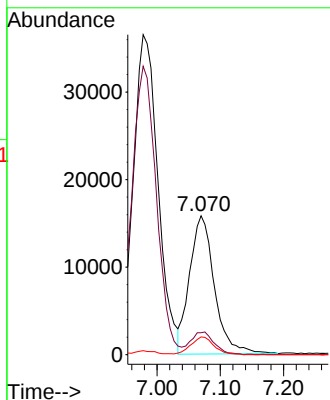
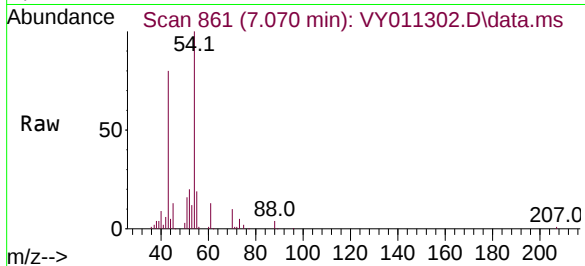




#37
Ethyl Acetate
Concen: 20.429 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

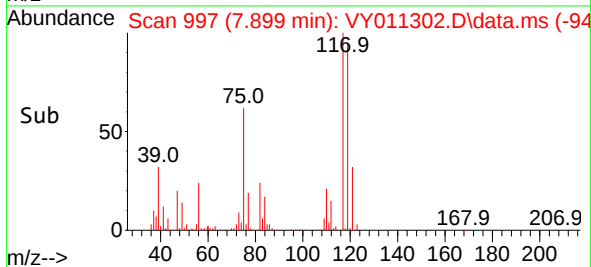
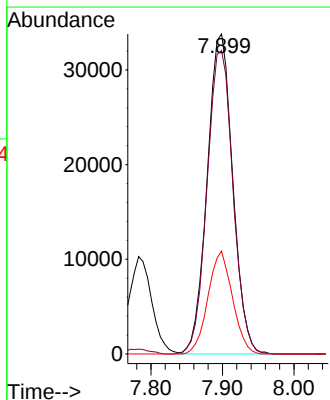
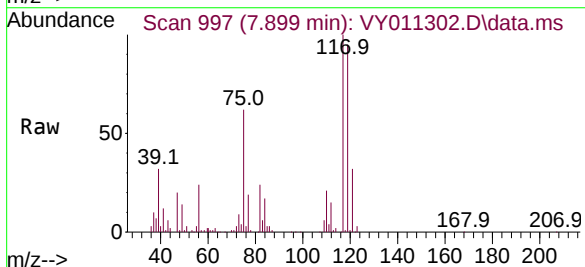
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

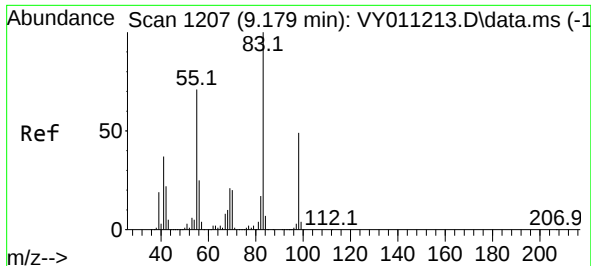
Tgt Ion: 43 Resp: 43142
Ion Ratio Lower Upper
43 100
61 15.6 9.7 14.5#
70 12.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.687 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 117 Resp: 84077
Ion Ratio Lower Upper
117 100
119 94.8 77.9 116.9
121 32.2 24.8 37.2





#39

Methylcyclohexane

Concen: 21.180 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

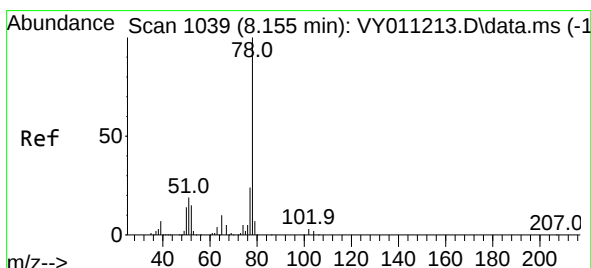
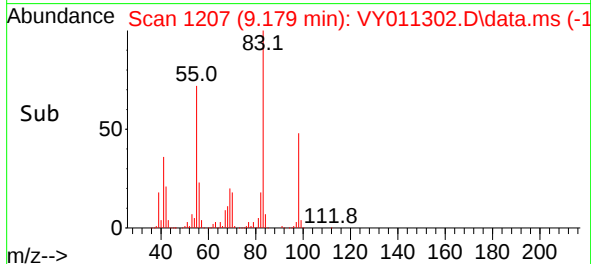
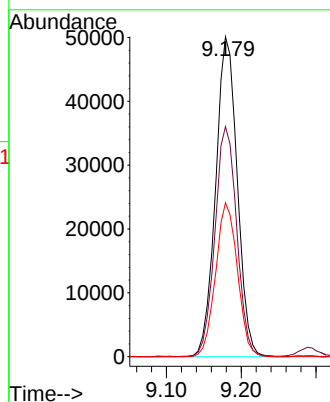
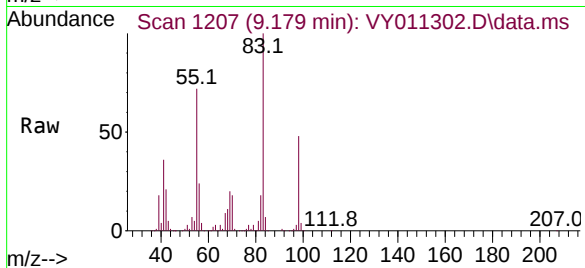
Tgt Ion: 83 Resp: 100944

Ion Ratio Lower Upper

83 100

55 71.8 66.5 99.7

98 48.1 37.9 56.9



#40

Benzene

Concen: 20.567 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY011302.D

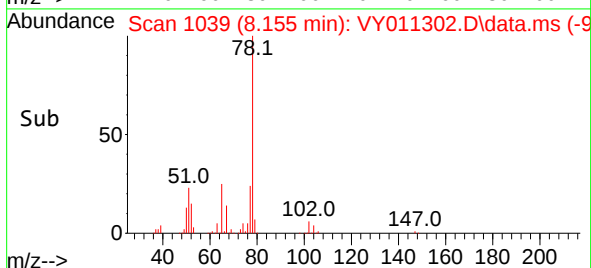
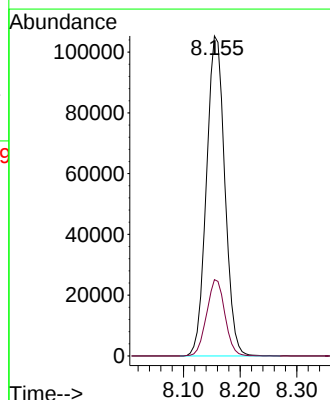
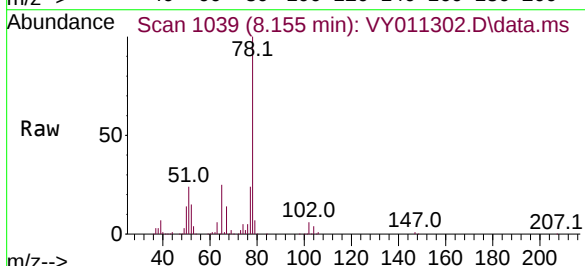
Acq: 04 Nov 2022 17:09

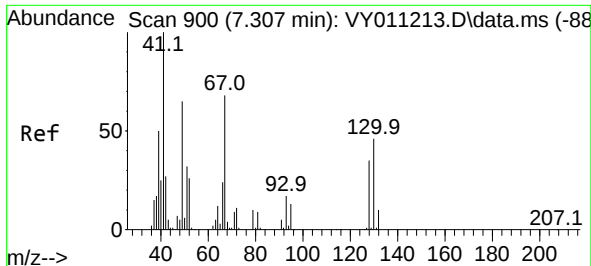
Tgt Ion: 78 Resp: 236797

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

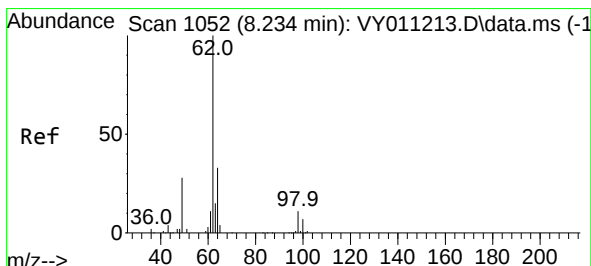
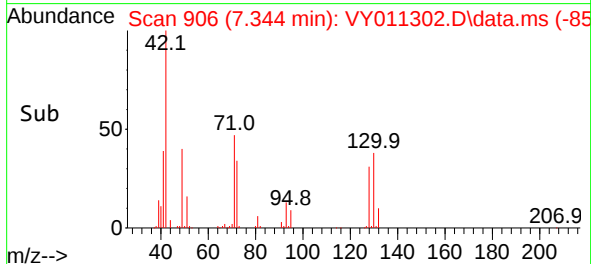
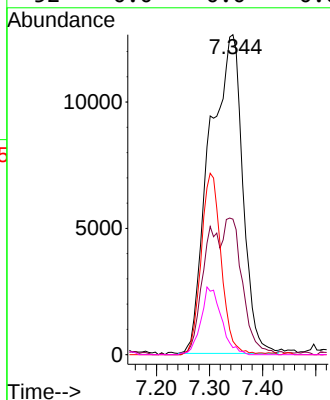
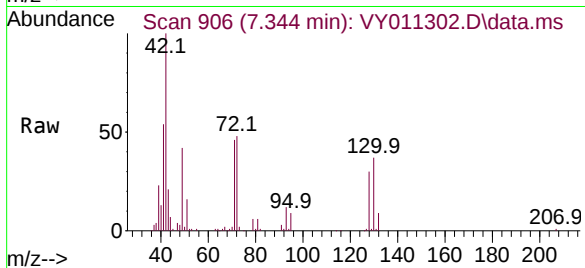




#41
Methacrylonitrile
Concen: 47.506 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

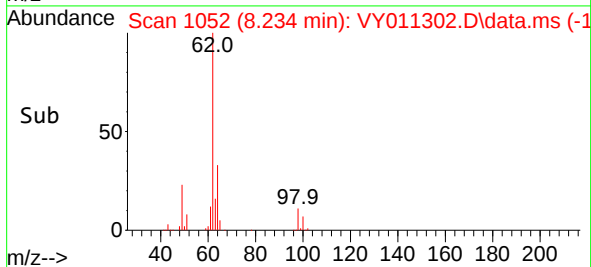
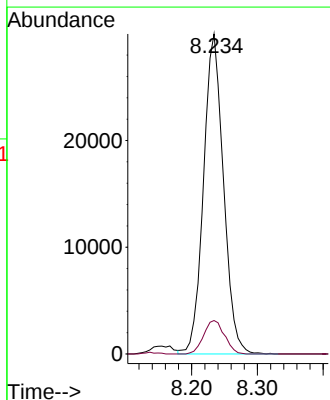
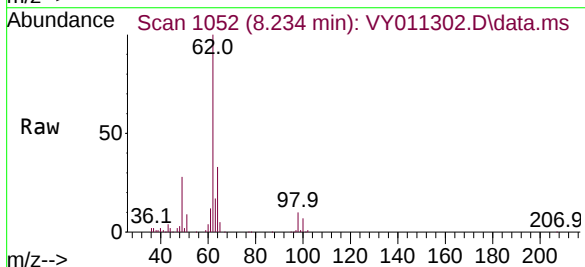
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

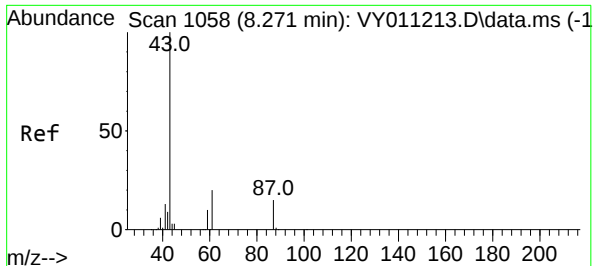
Tgt Ion: 41 Resp: 54512
Ion Ratio Lower Upper
41 100
39 21.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.229 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 62 Resp: 63246
Ion Ratio Lower Upper
62 100
98 10.9 0.0 14.8





#43

Isopropyl Acetate

Concen: 20.766 ug/l

RT: 8.271 min Scan# 11058

Delta R.T. -0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

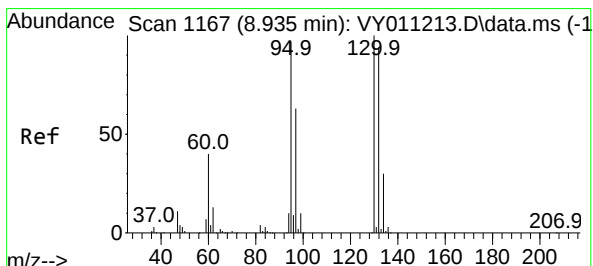
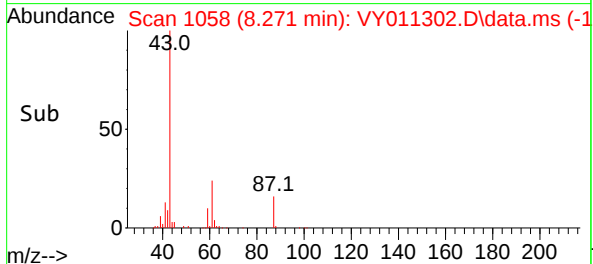
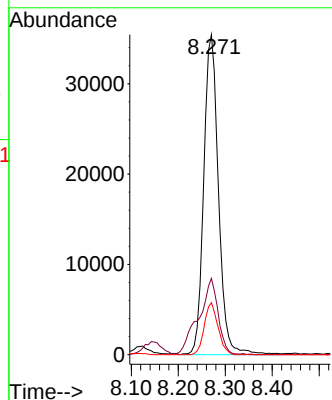
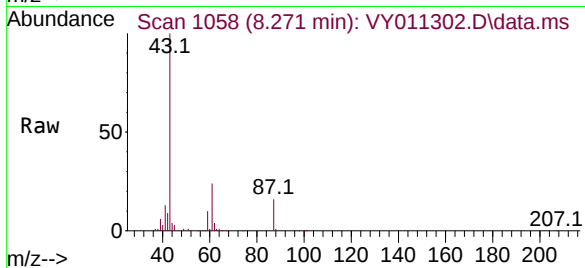
Tgt Ion: 43 Resp: 77264

Ion Ratio Lower Upper

43 100

61 31.5 20.2 30.2#

87 15.0 8.9 13.3#



#44

Trichloroethene

Concen: 20.673 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY011302.D

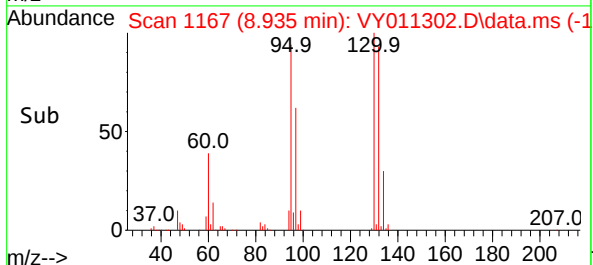
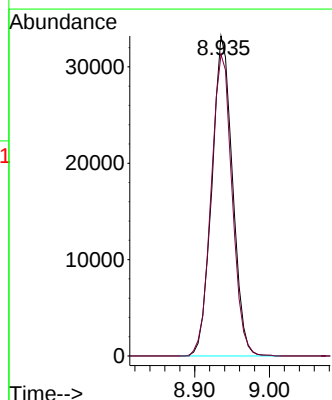
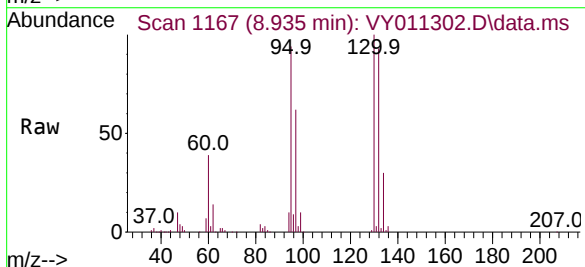
Acq: 04 Nov 2022 17:09

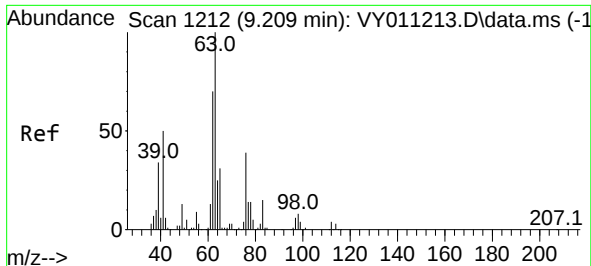
Tgt Ion:130 Resp: 63698

Ion Ratio Lower Upper

130 100

95 94.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.384 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

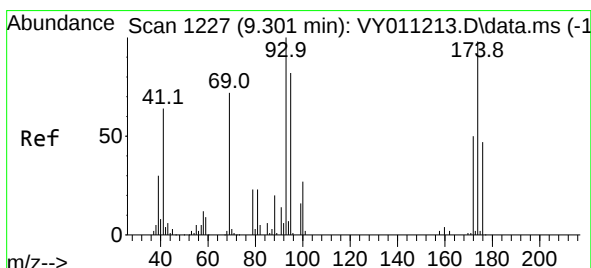
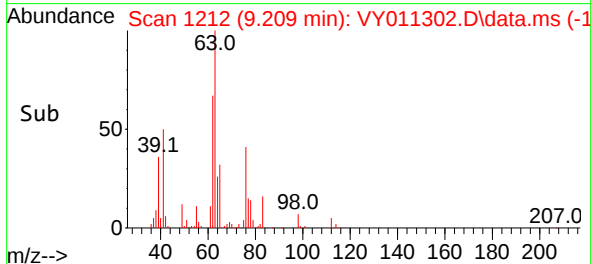
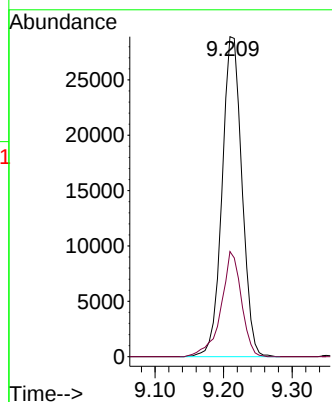
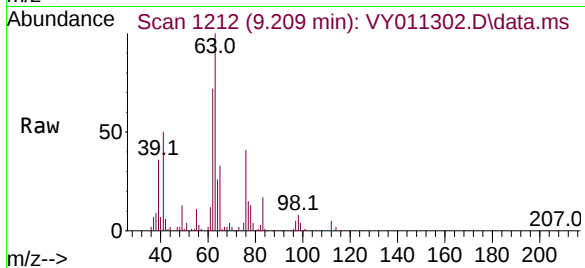
VY1104SBS02

Tgt Ion: 63 Resp: 58022

Ion Ratio Lower Upper

63 100

65 32.9 23.0 34.6



#46

Dibromomethane

Concen: 20.339 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

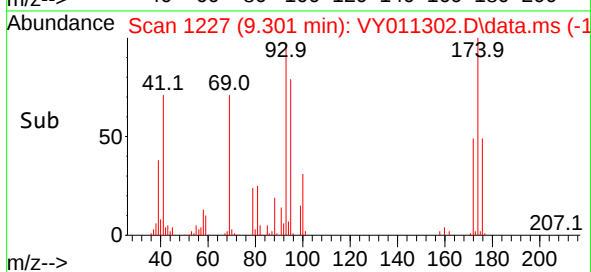
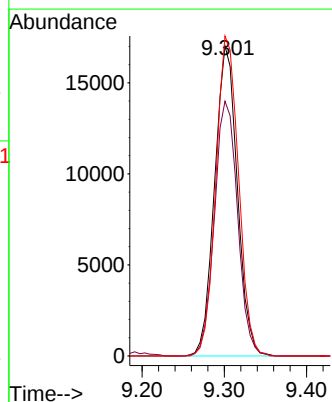
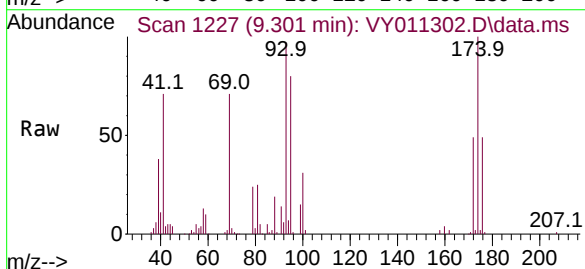
Tgt Ion: 93 Resp: 32710

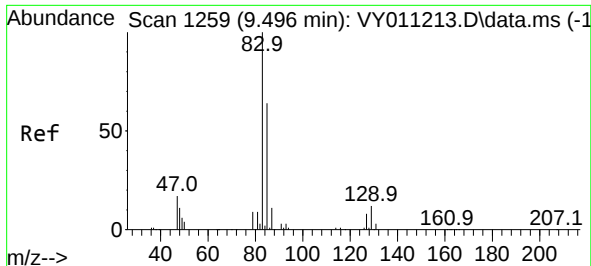
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 102.9 83.4 125.0

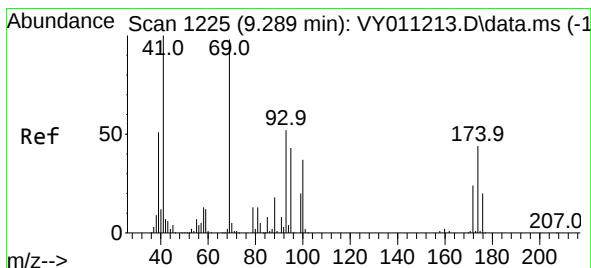
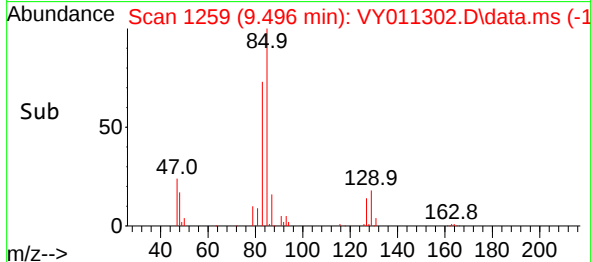
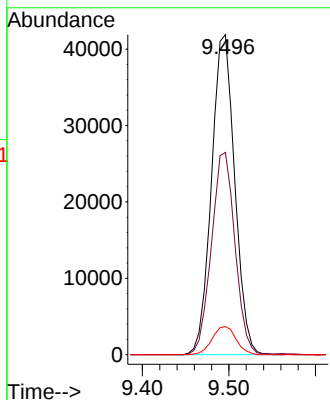
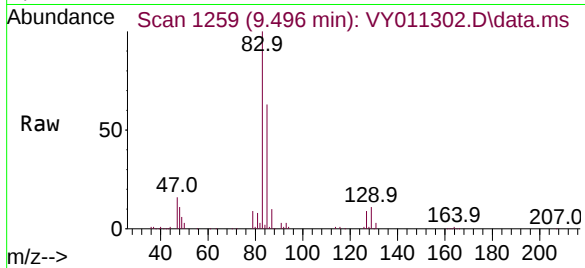




#47
Bromodichloromethane
Concen: 20.468 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

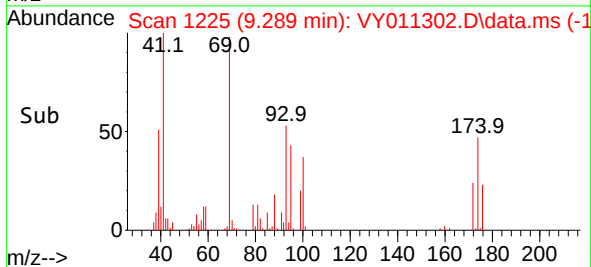
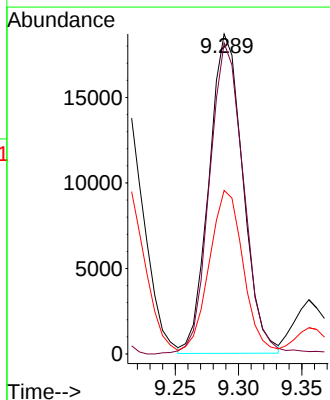
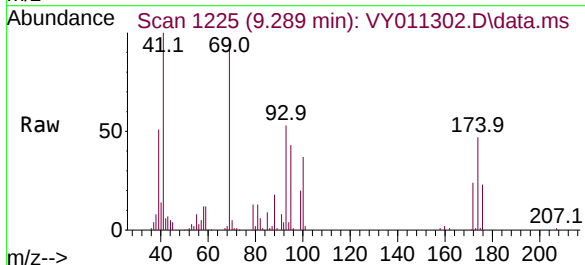
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

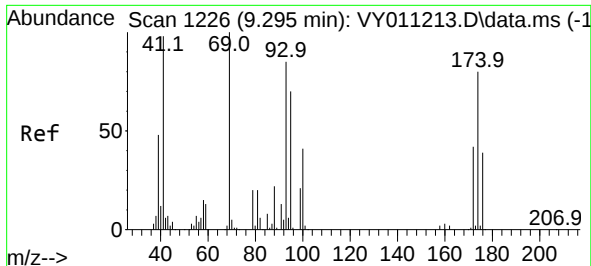
Tgt Ion: 83 Resp: 78034
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 20.369 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 41 Resp: 34810
Ion Ratio Lower Upper
41 100
69 98.5 58.2 87.2#
39 49.2 47.4 71.0





#49

1,4-Dioxane

Concen: 391.754 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

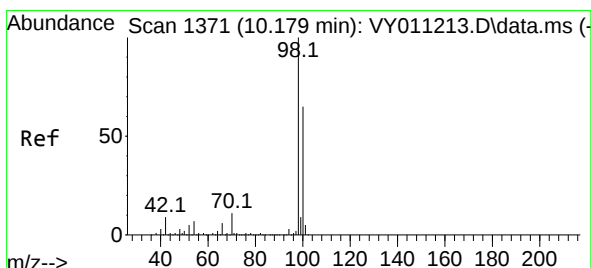
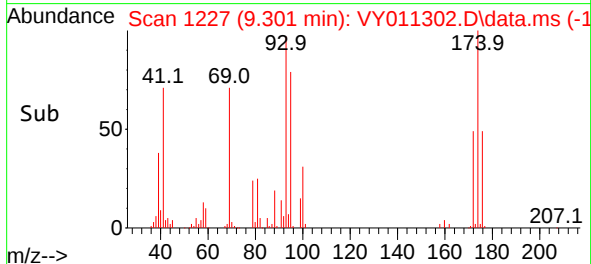
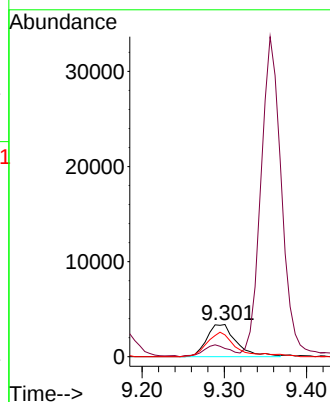
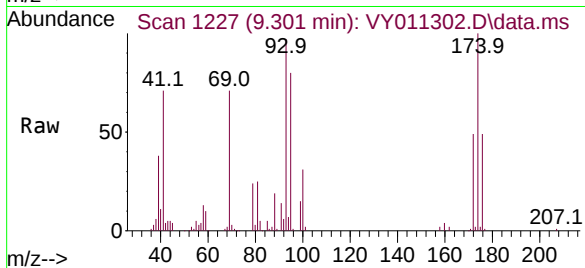
Tgt Ion: 88 Resp: 8476

Ion Ratio Lower Upper

88 100

43 32.4 32.8 49.2#

58 75.3 59.8 89.6



#50

Toluene-d8

Concen: 49.418 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011302.D

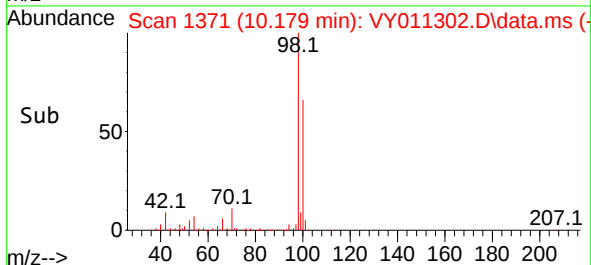
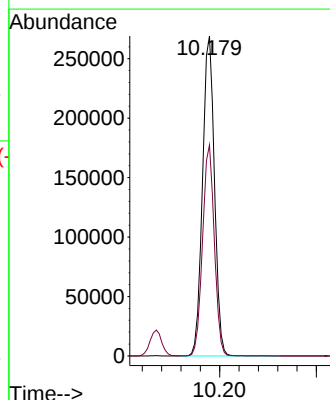
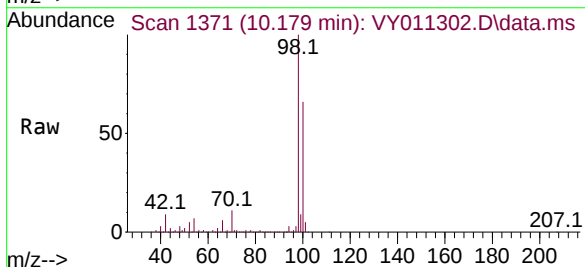
Acq: 04 Nov 2022 17:09

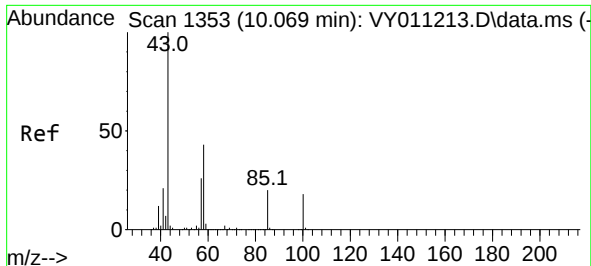
Tgt Ion: 98 Resp: 460271

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2

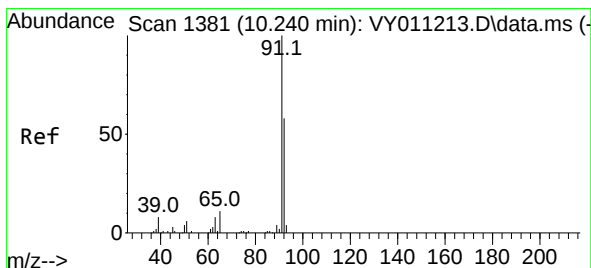
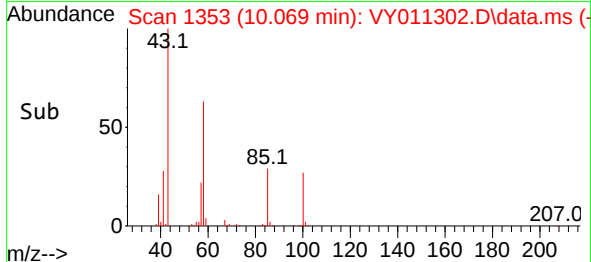
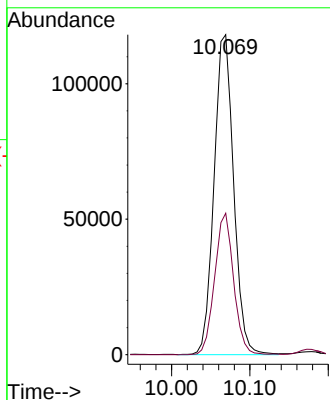
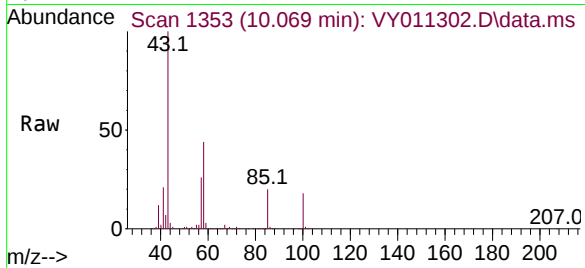




#51
4-Methyl-2-Pentanone
Concen: 101.529 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

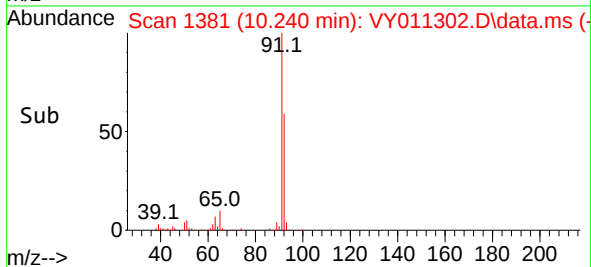
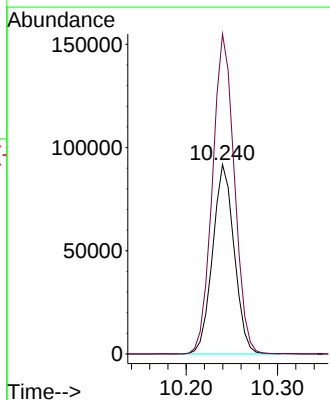
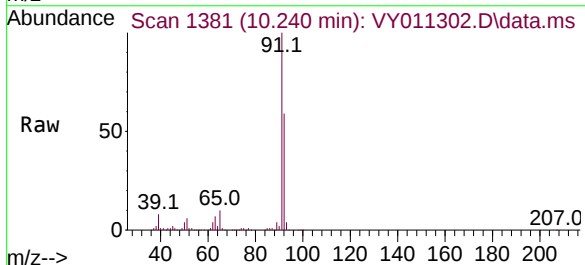
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

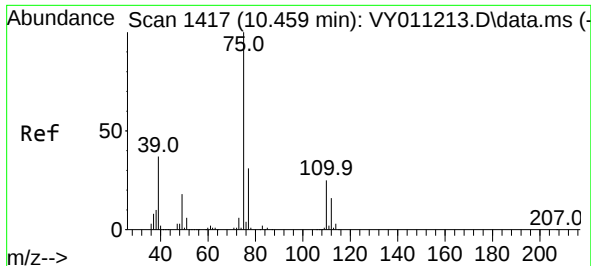
Tgt Ion: 43 Resp: 205400
Ion Ratio Lower Upper
43 100
58 42.9 28.1 42.1#



#52
Toluene
Concen: 21.066 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 92 Resp: 150393
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8

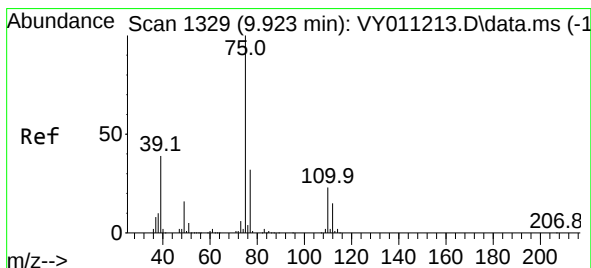
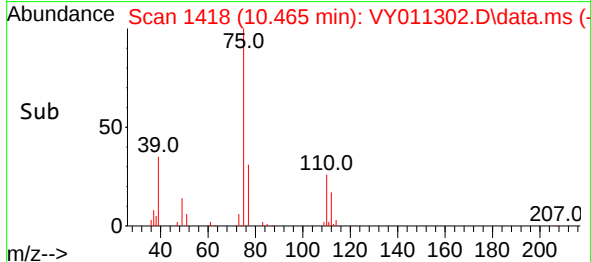
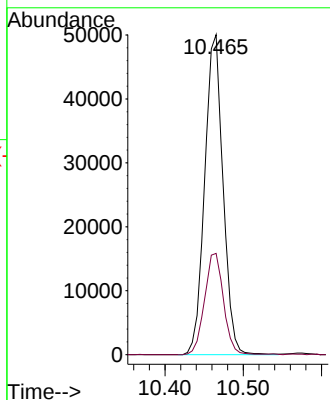
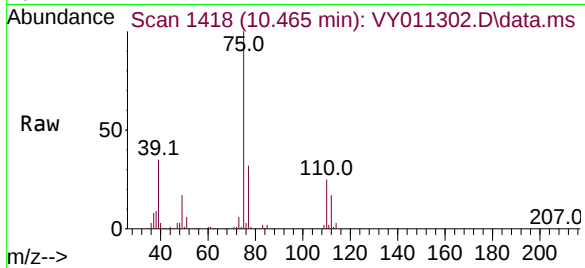




#53
 t-1,3-Dichloropropene
 Concen: 20.225 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY011302.D
 Acq: 04 Nov 2022 17:09

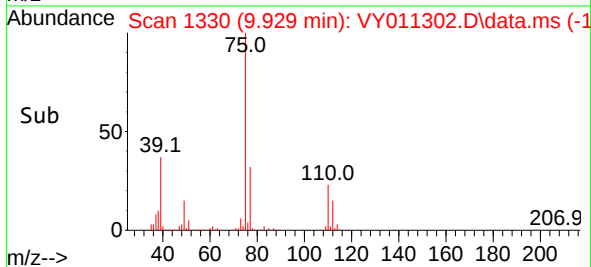
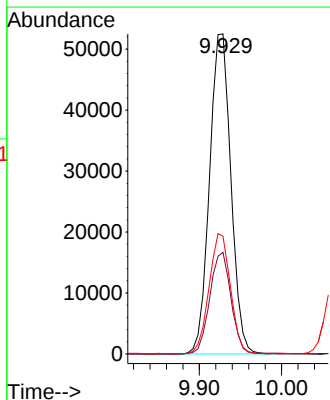
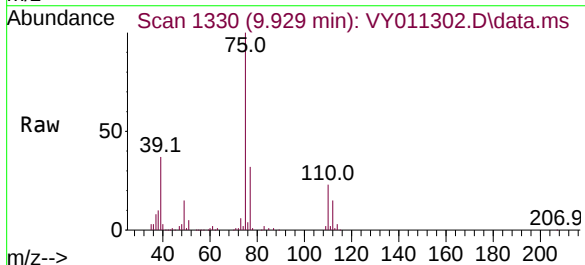
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS02

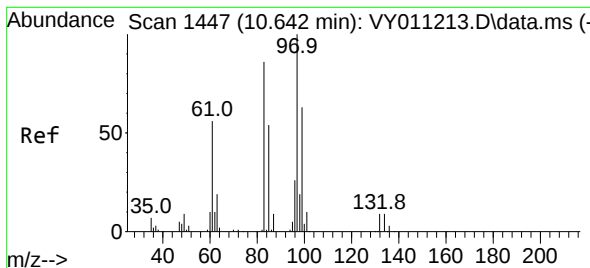
Tgt Ion: 75 Resp: 81207
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.642 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY011302.D
 Acq: 04 Nov 2022 17:09

Tgt Ion: 75 Resp: 94833
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4
 39 36.6 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 20.743 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

Tgt Ion: 97 Resp: 47813

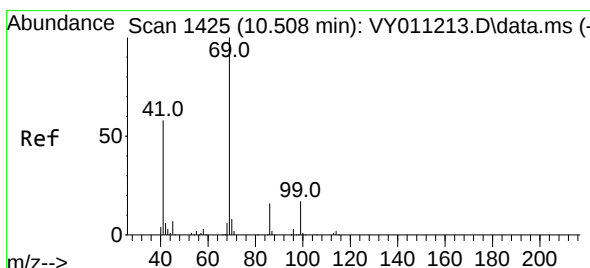
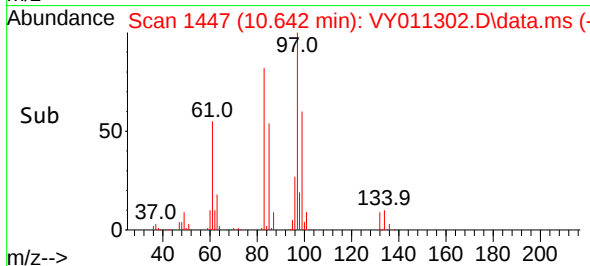
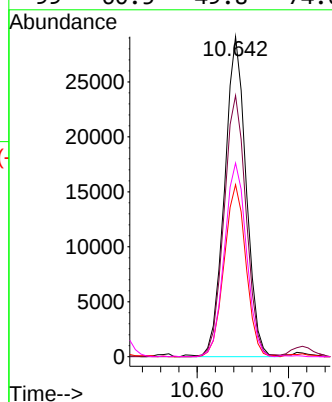
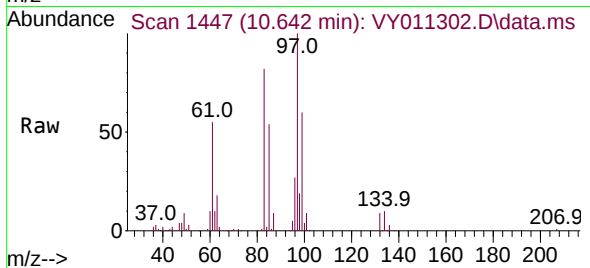
Ion Ratio Lower Upper

97 100

83 81.6 69.8 104.8

85 53.7 44.3 66.5

99 60.5 49.8 74.6



#56

Ethyl methacrylate

Concen: 20.713 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

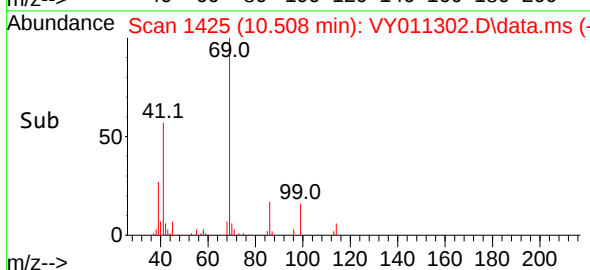
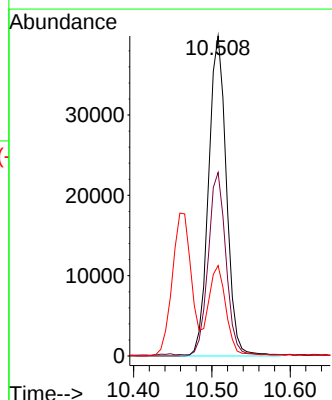
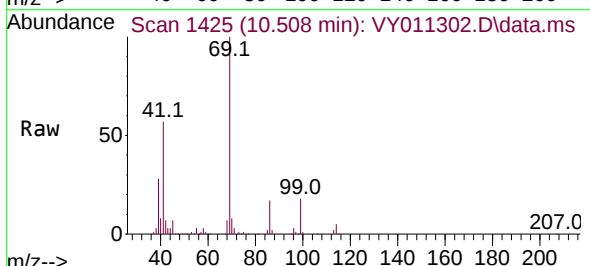
Tgt Ion: 69 Resp: 63065

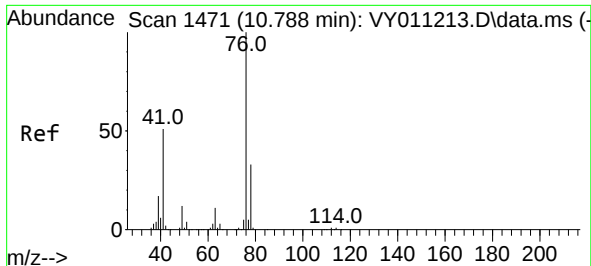
Ion Ratio Lower Upper

69 100

41 56.1 63.4 95.0#

39 27.7 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 20.385 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

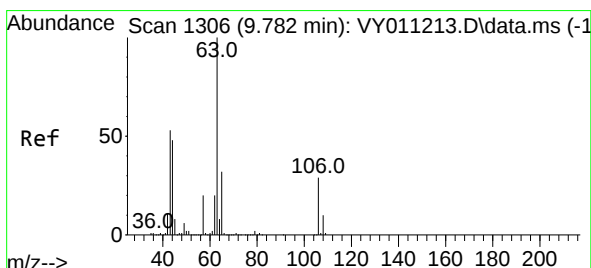
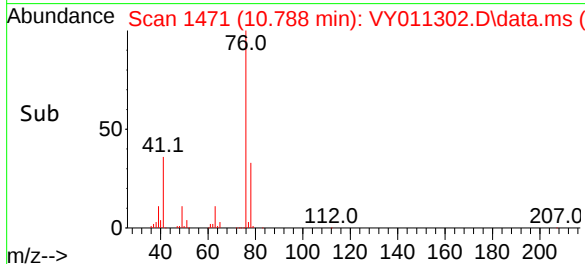
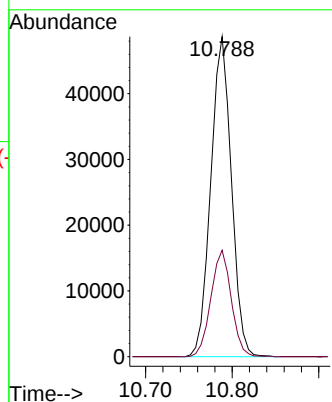
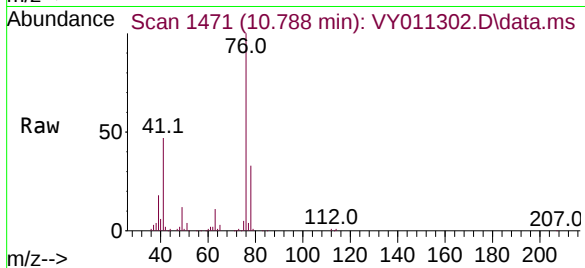
VY1104SBS02

Tgt Ion: 76 Resp: 80427

Ion Ratio Lower Upper

76 100

78 32.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 105.327 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011302.D

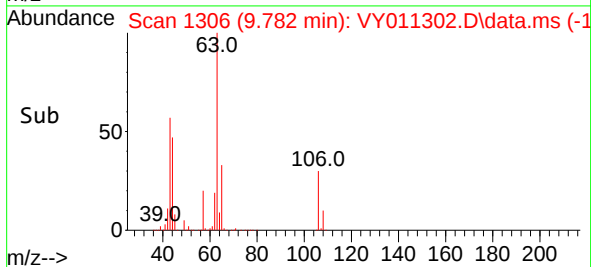
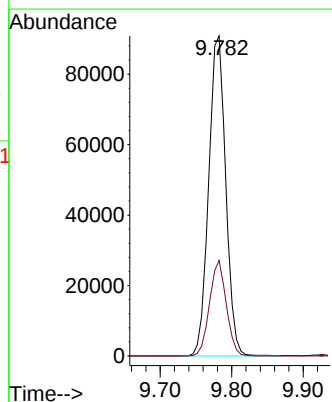
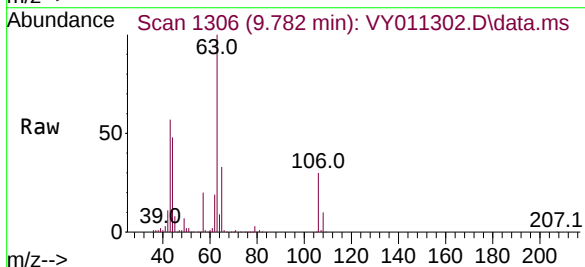
Acq: 04 Nov 2022 17:09

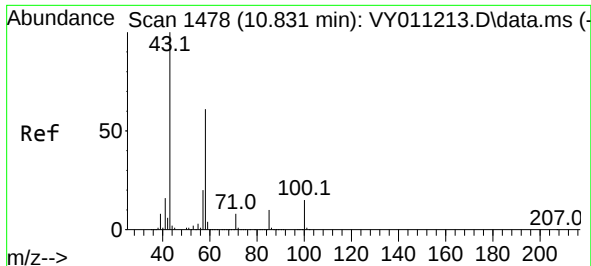
Tgt Ion: 63 Resp: 150340

Ion Ratio Lower Upper

63 100

106 29.2 21.5 32.3

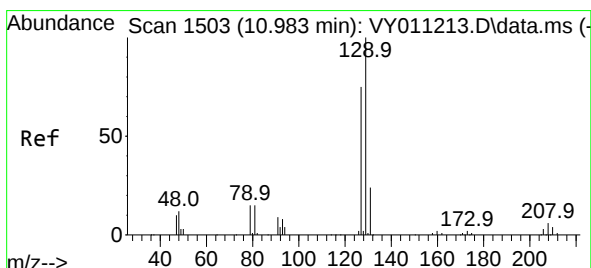
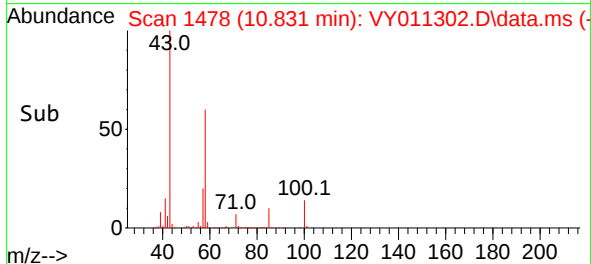
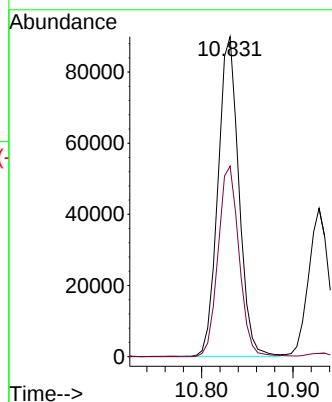
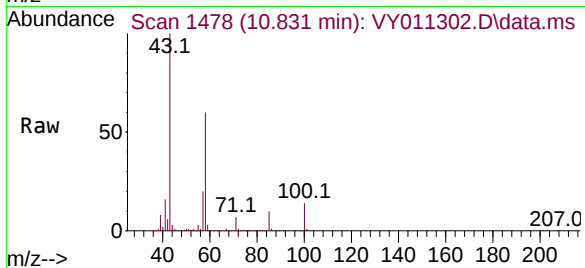




#59
2-Hexanone
Concen: 98.802 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

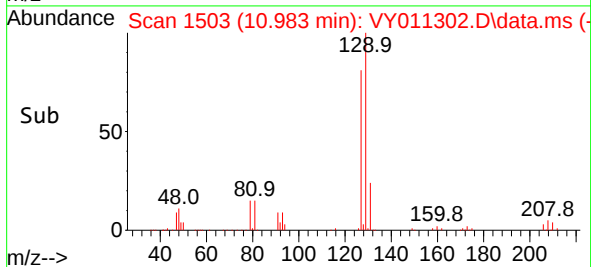
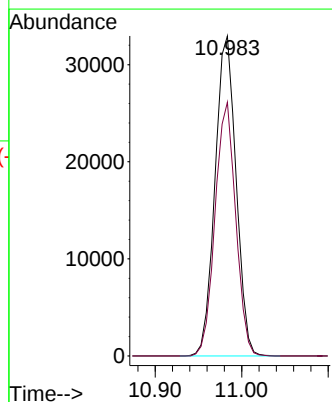
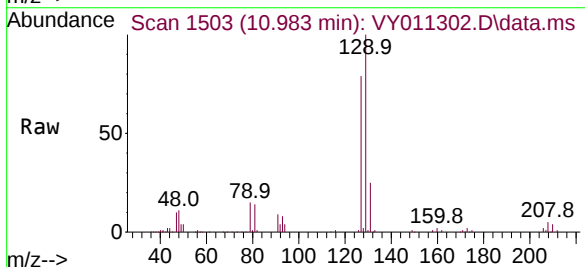
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

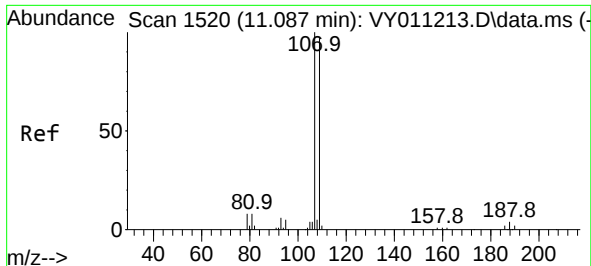
Tgt Ion: 43 Resp: 142701
Ion Ratio Lower Upper
43 100
58 60.1 24.4 73.4



#60
Dibromochloromethane
Concen: 20.328 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 129 Resp: 55671
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

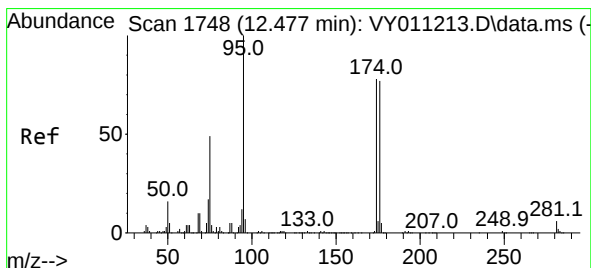
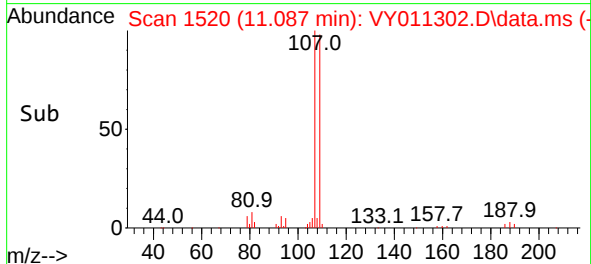
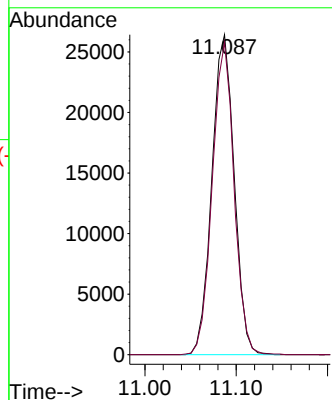
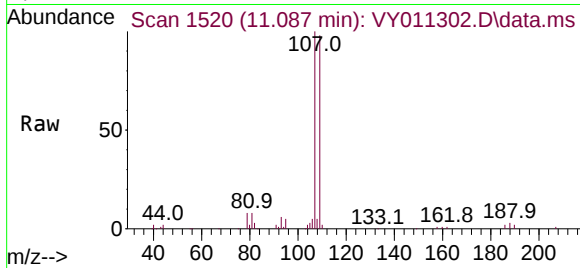




#61
1,2-Dibromoethane
Concen: 20.483 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

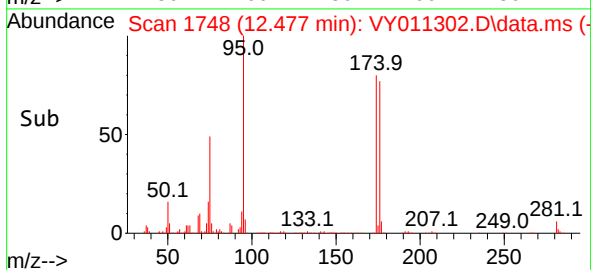
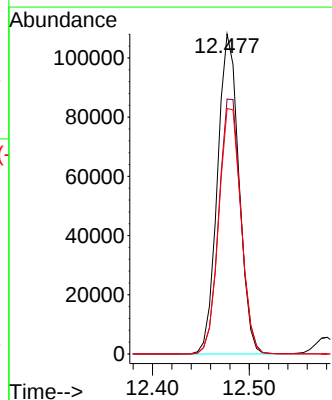
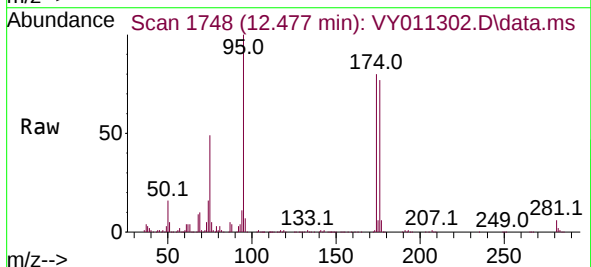
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

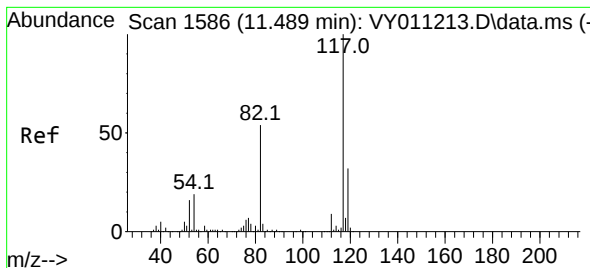
Tgt Ion:107 Resp: 44823
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.443 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 95 Resp: 166335
Ion Ratio Lower Upper
95 100
174 81.7 0.0 177.0
176 79.6 0.0 175.8

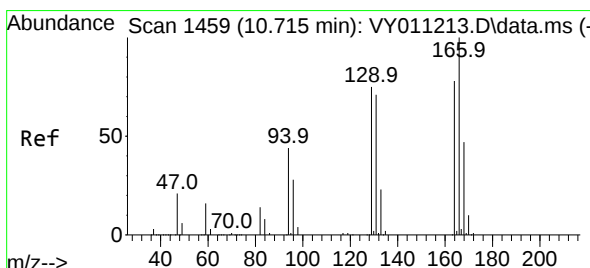
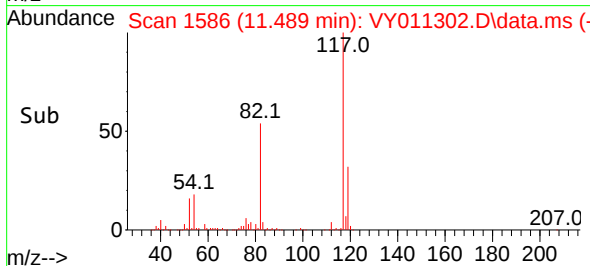
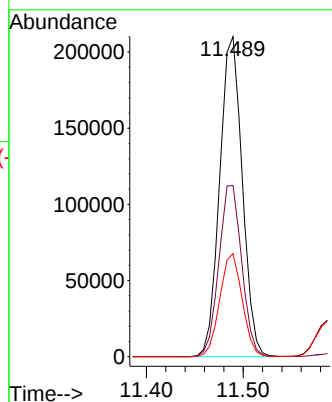
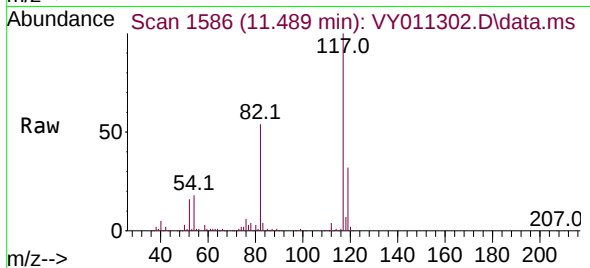




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

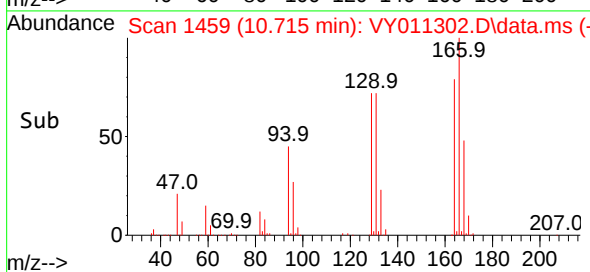
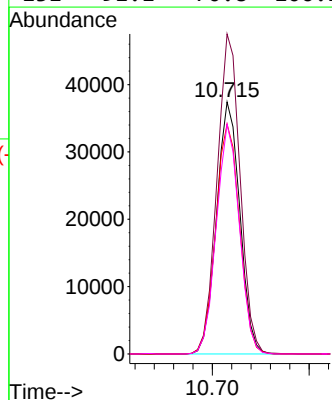
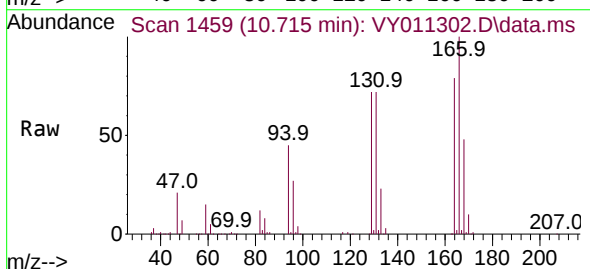
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

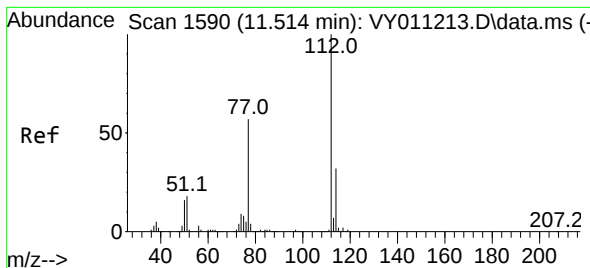
Tgt Ion:117 Resp: 340556
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 21.627 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion:164 Resp: 62564
Ion Ratio Lower Upper
164 100
166 127.0 100.4 150.6
129 91.3 71.4 107.0
131 91.1 70.8 106.2

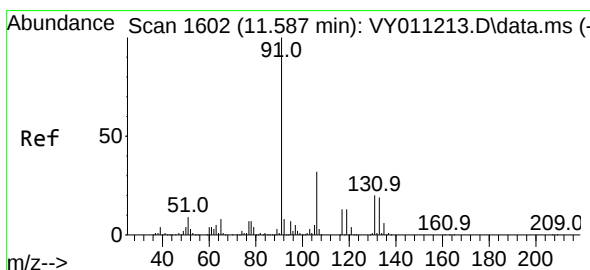
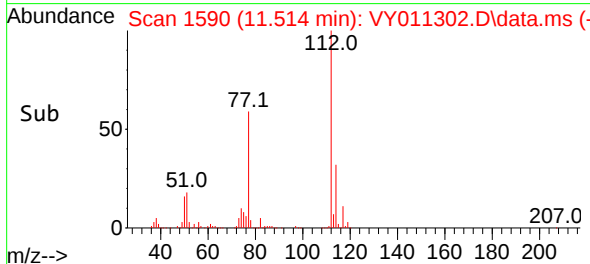
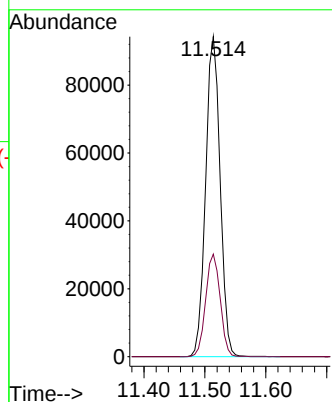
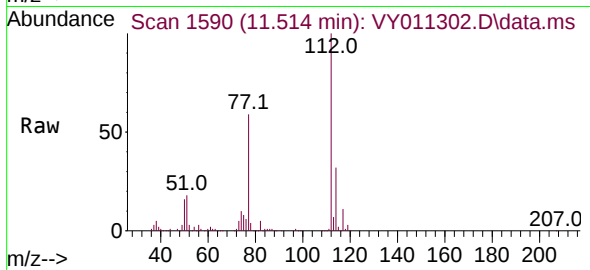




#65
Chlorobenzene
Concen: 20.751 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

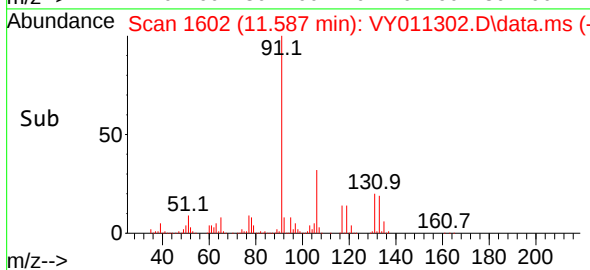
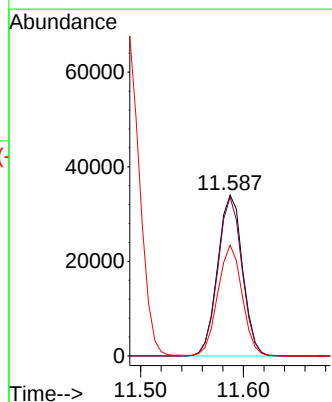
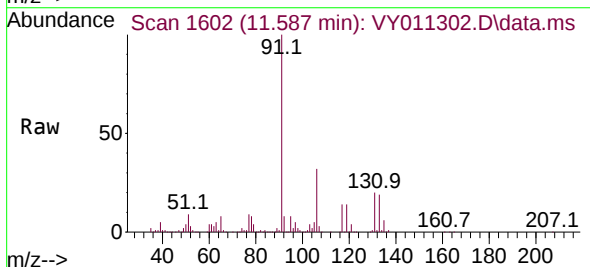
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

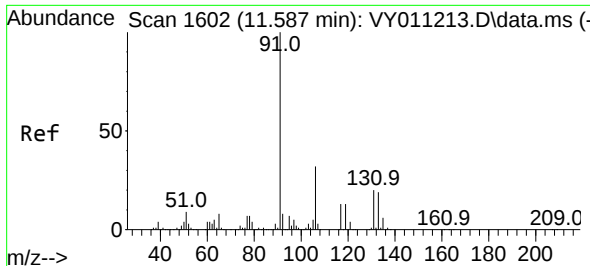
Tgt Ion:112 Resp: 155911
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.685 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion:131 Resp: 57224
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 67.2 30.8 92.3





#67

Ethyl Benzene

Concen: 21.036 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

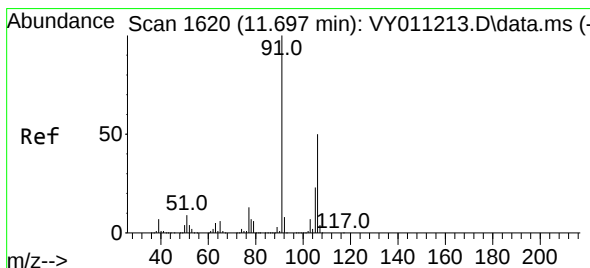
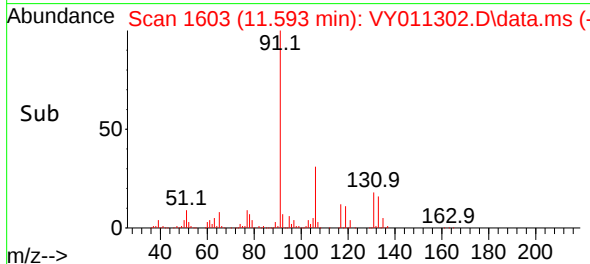
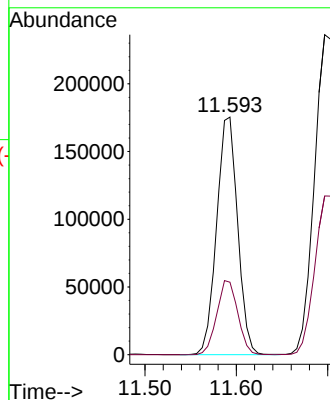
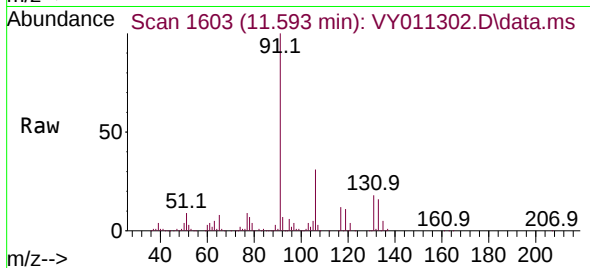
VY1104SBS02

Tgt Ion: 91 Resp: 280359

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 42.099 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY011302.D

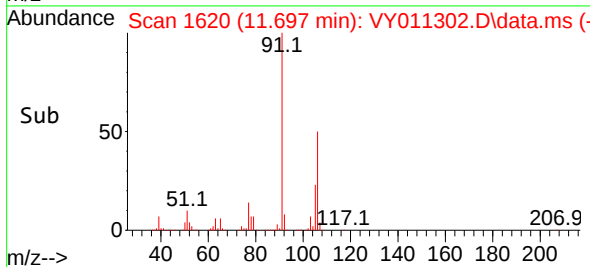
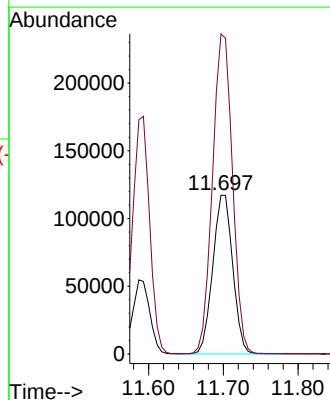
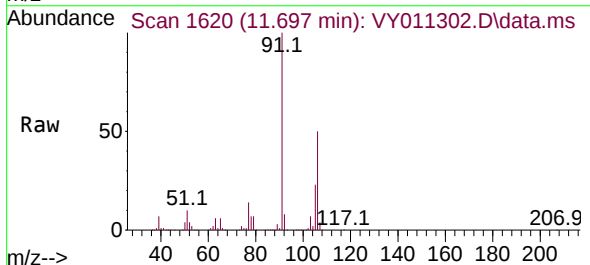
Acq: 04 Nov 2022 17:09

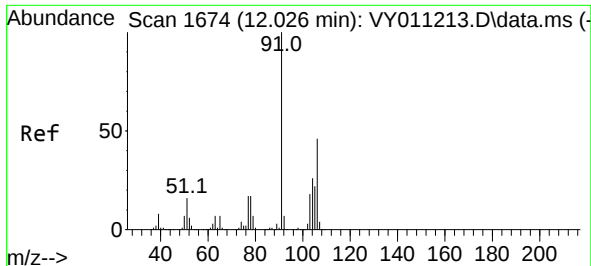
Tgt Ion:106 Resp: 217804

Ion Ratio Lower Upper

106 100

91 201.9 166.6 249.8

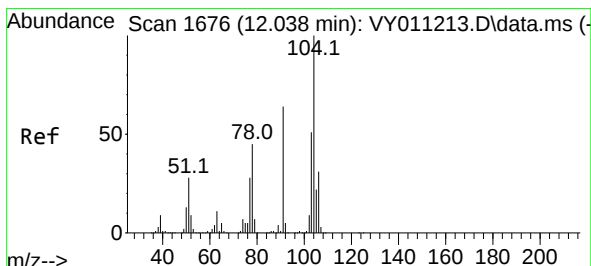
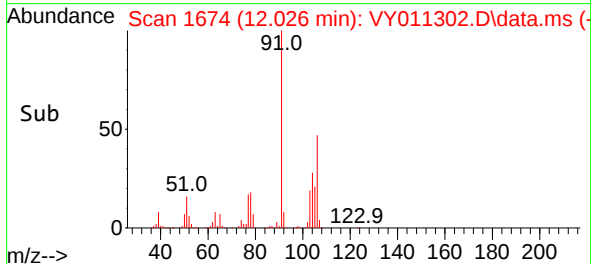
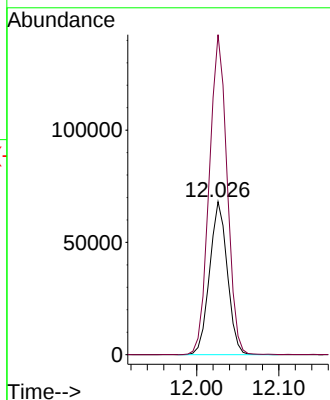
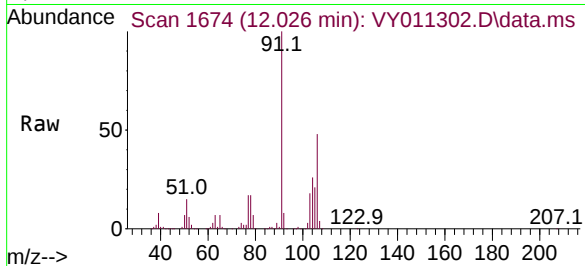




#69
o-Xylene
Concen: 21.001 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

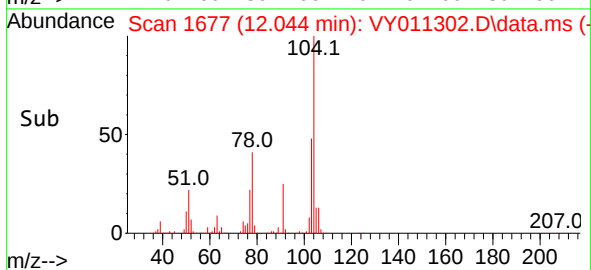
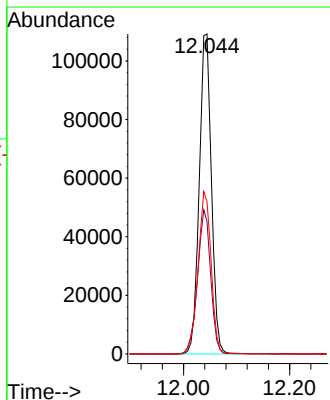
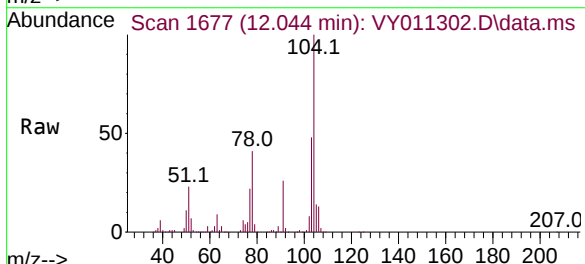
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

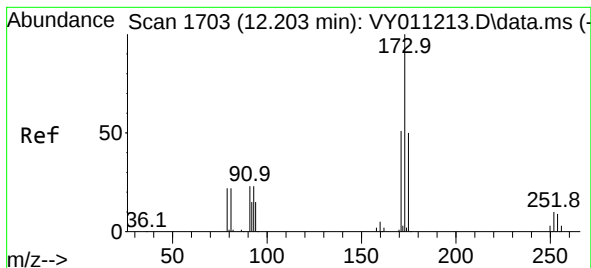
Tgt Ion:106 Resp: 101845
Ion Ratio Lower Upper
106 100
91 211.6 110.3 331.0



#70
Styrene
Concen: 21.117 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion:104 Resp: 173606
Ion Ratio Lower Upper
104 100
78 48.6 42.4 63.6
103 54.5 44.4 66.6





#71

Bromoform

Concen: 21.153 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

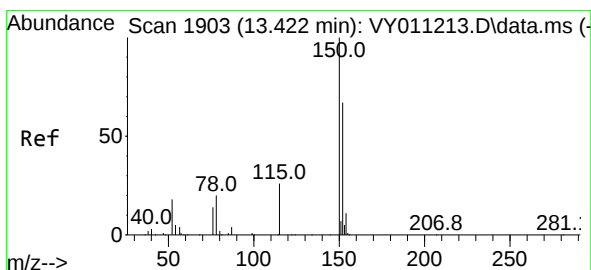
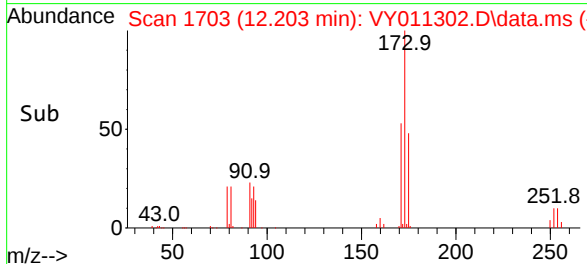
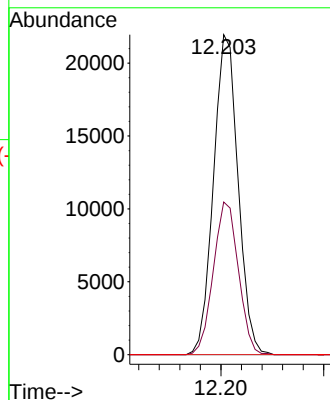
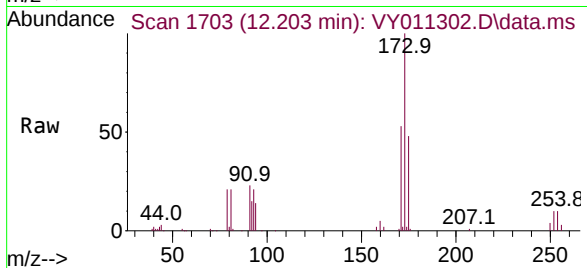
Tgt Ion:173 Resp: 36372

Ion Ratio Lower Upper

173 100

175 48.7 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

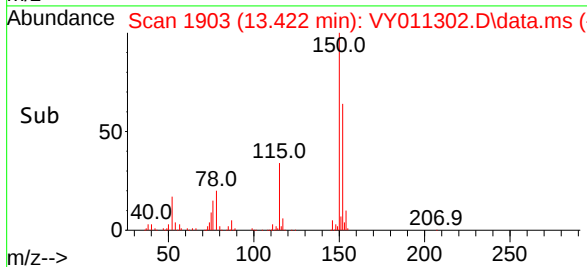
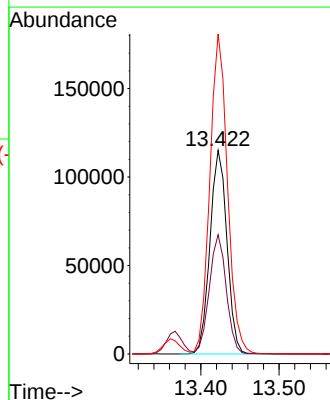
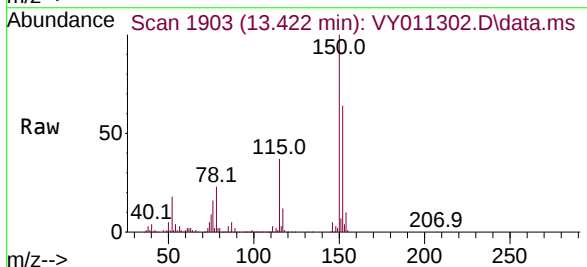
Tgt Ion:152 Resp: 173104

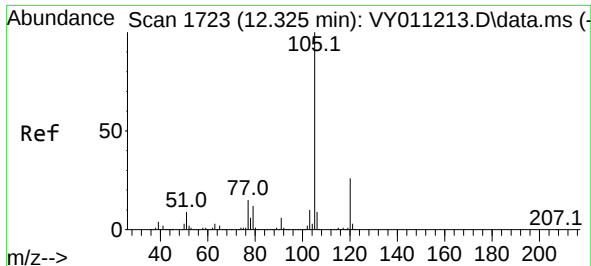
Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 163.1 0.0 347.6

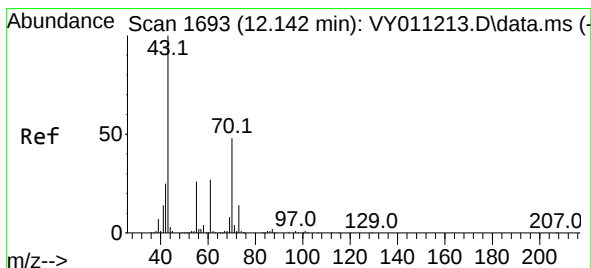
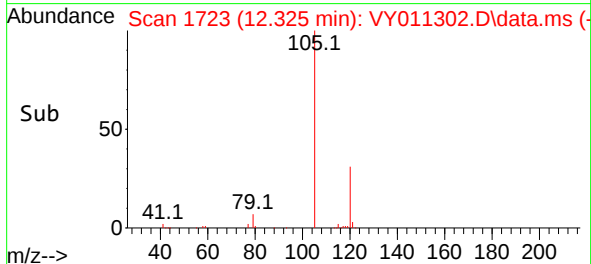
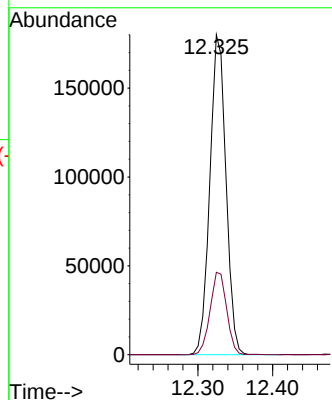
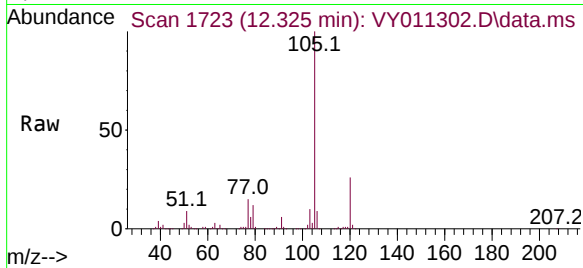




#73
Isopropylbenzene
Concen: 20.896 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

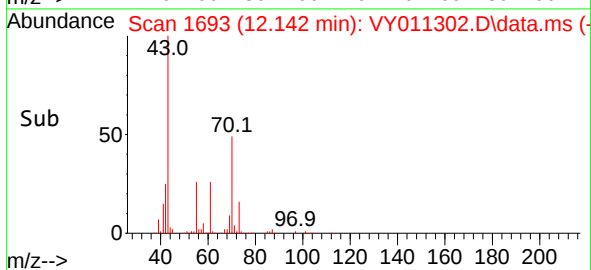
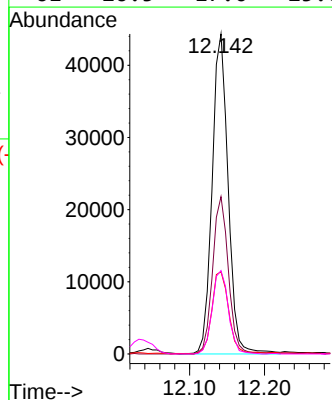
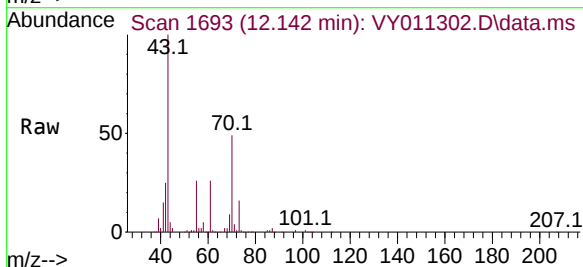
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

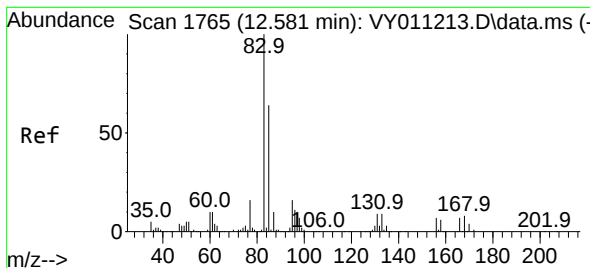
Tgt Ion:105 Resp: 270444
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2



#74
N-ethyl acetate
Concen: 20.341 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 43 Resp: 66085
Ion Ratio Lower Upper
43 100
70 48.3 28.7 43.1#
55 27.1 17.3 25.9#
61 26.5 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.343 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

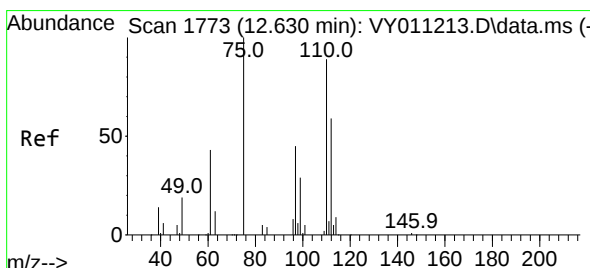
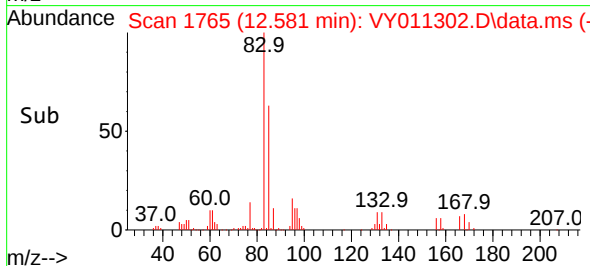
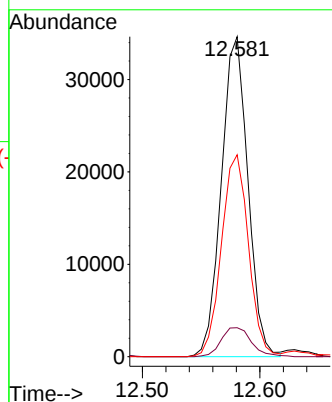
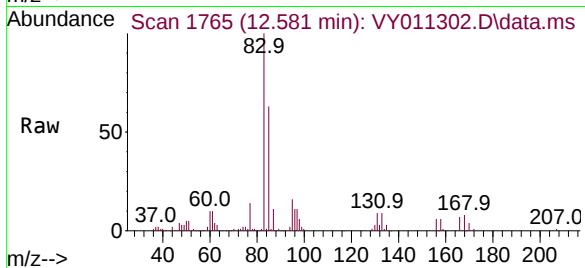
Tgt Ion: 83 Resp: 54483

Ion Ratio Lower Upper

83 100

131 10.3 5.6 16.8

85 64.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 34.592 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY011302.D

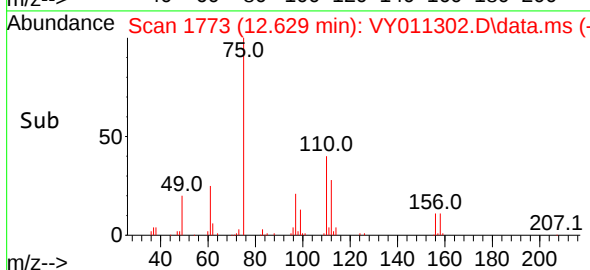
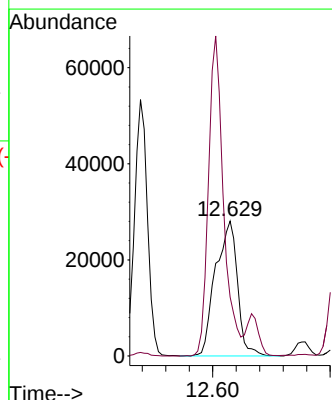
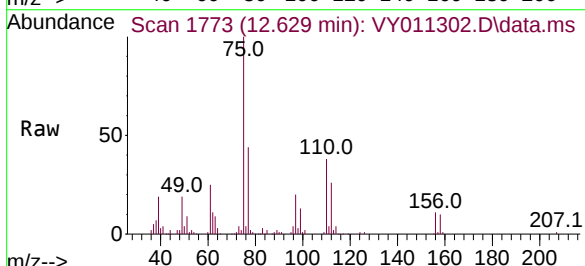
Acq: 04 Nov 2022 17:09

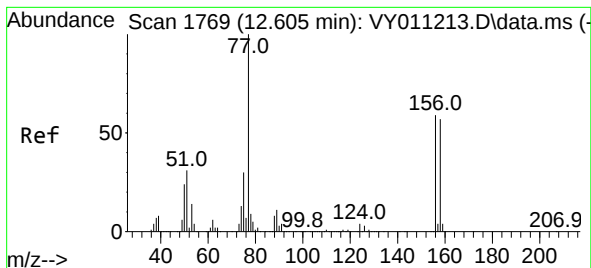
Tgt Ion: 75 Resp: 72900

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.354 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

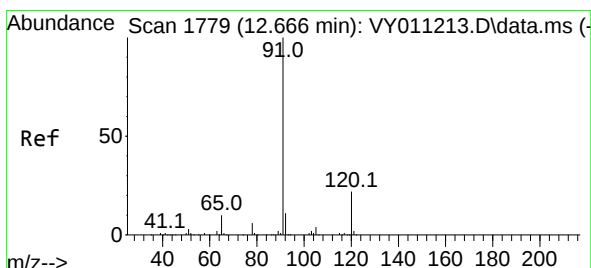
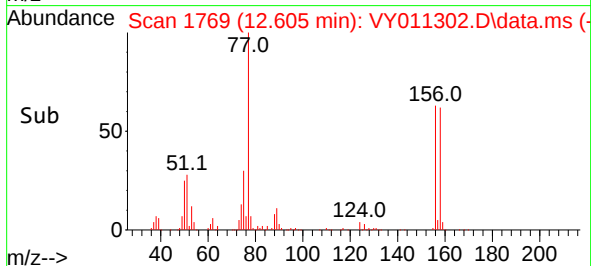
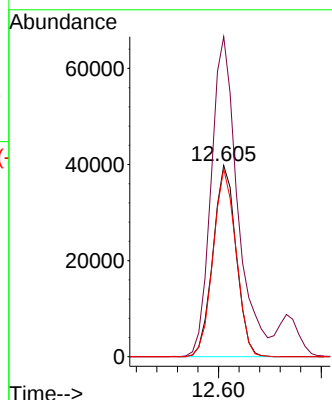
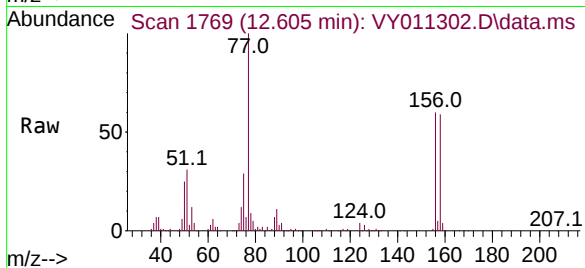
Tgt Ion:156 Resp: 61964

Ion Ratio Lower Upper

156 100

77 191.7 95.5 286.4

158 97.6 48.0 144.0



#78

n-propylbenzene

Concen: 20.846 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY011302.D

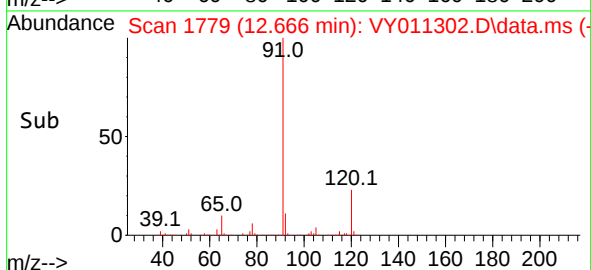
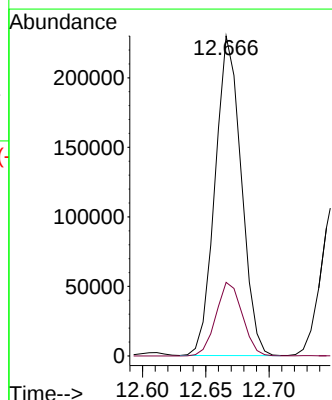
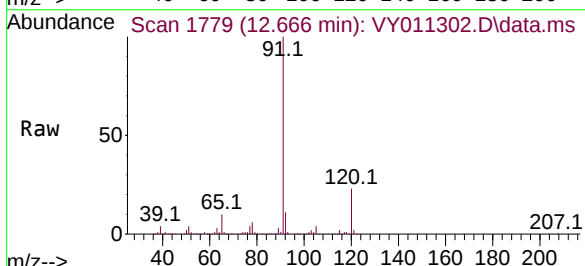
Acq: 04 Nov 2022 17:09

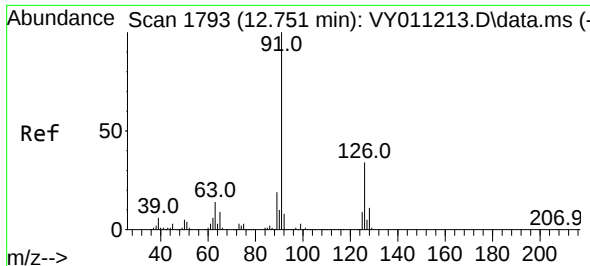
Tgt Ion: 91 Resp: 330136

Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.9

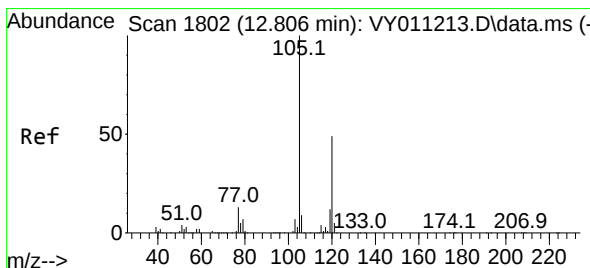
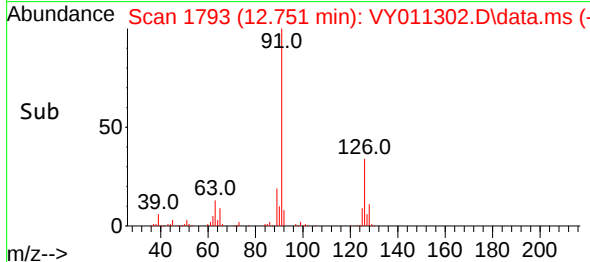
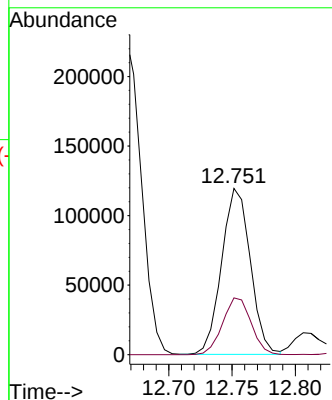
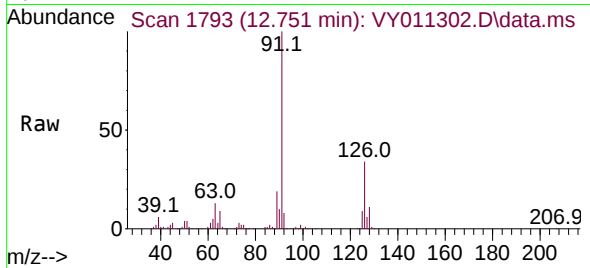




#79
2-Chlorotoluene
Concen: 20.774 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

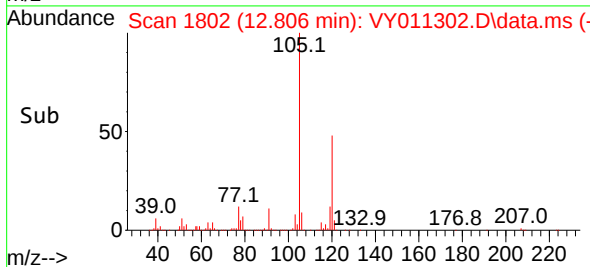
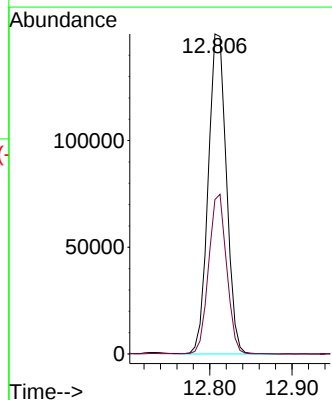
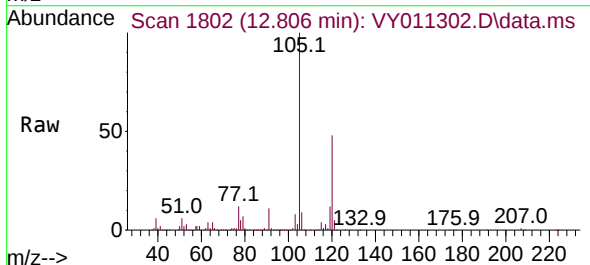
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

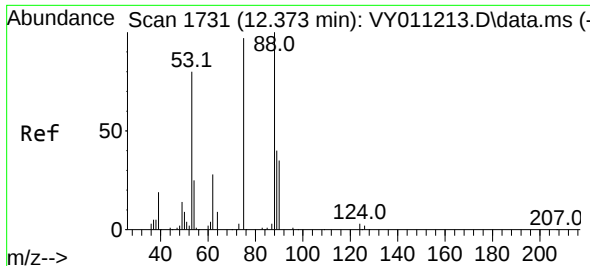
Tgt Ion: 91 Resp: 188502
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.998 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 105 Resp: 229969
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4

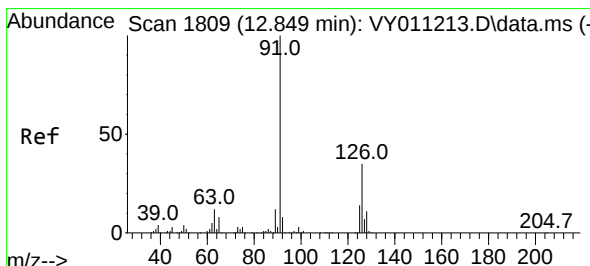
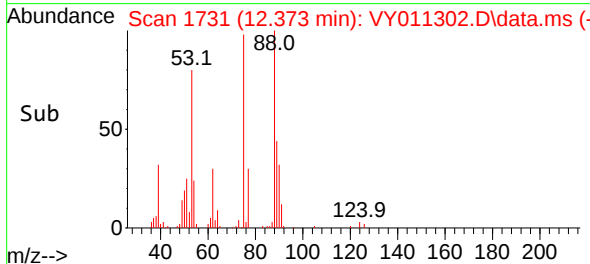
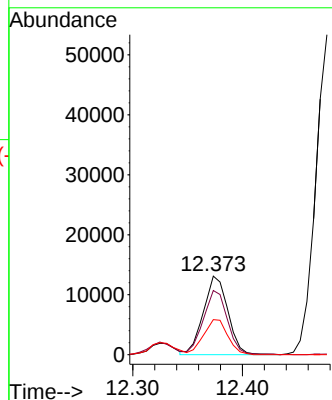
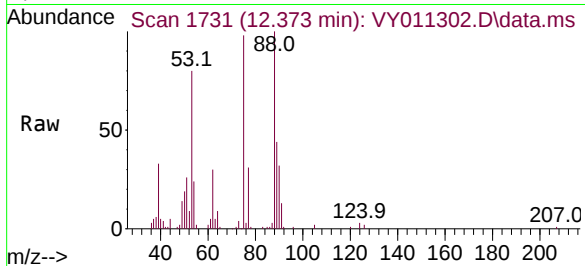




#81
trans-1,4-Dichloro-2-butene
Concen: 20.659 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

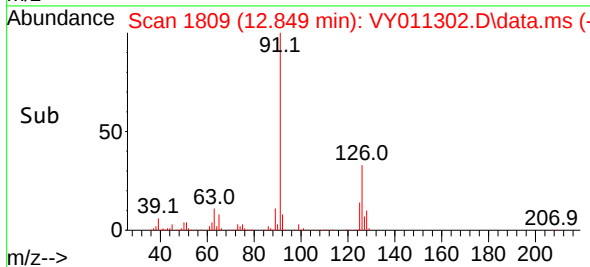
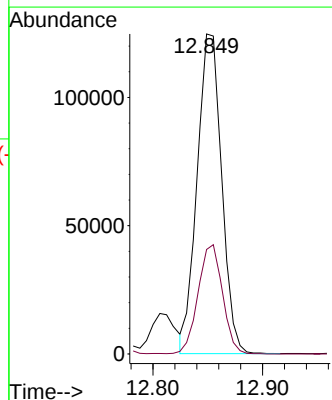
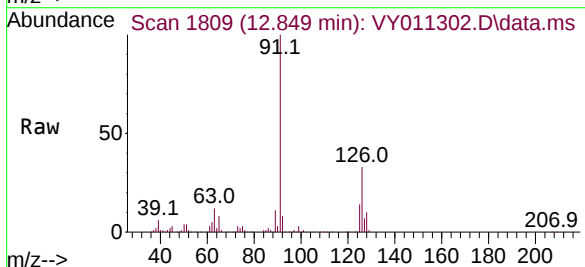
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

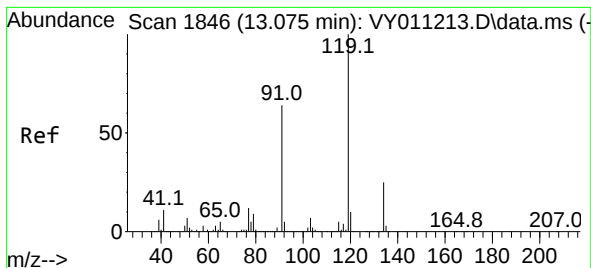
Tgt Ion: 75 Resp: 20343
Ion Ratio Lower Upper
75 100
53 80.3 85.3 127.9#
89 44.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.732 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 91 Resp: 193869
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 21.056 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.007 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

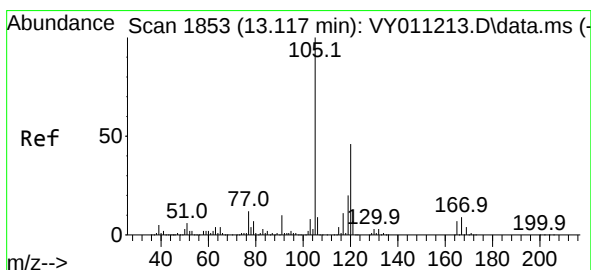
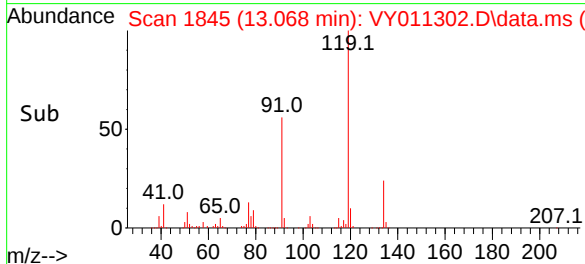
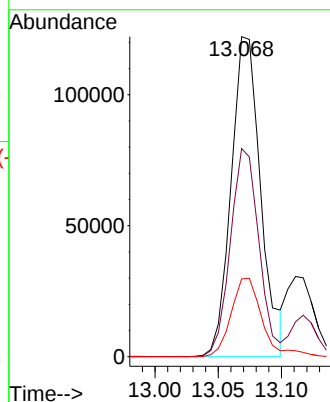
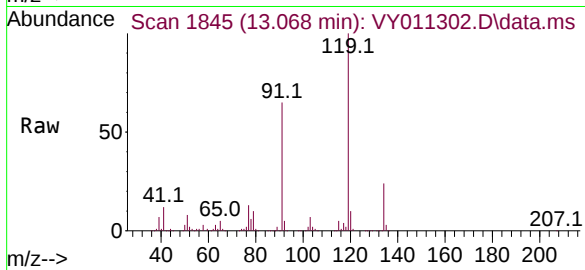
Tgt Ion:119 Resp: 198696

Ion Ratio Lower Upper

119 100

91 62.8 34.8 104.4

134 25.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.914 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY011302.D

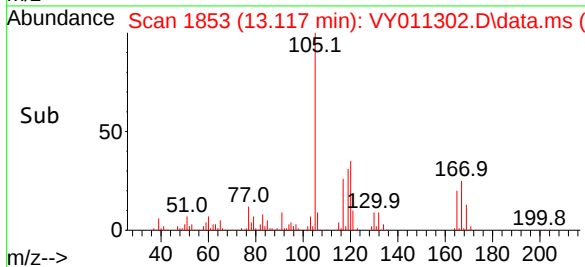
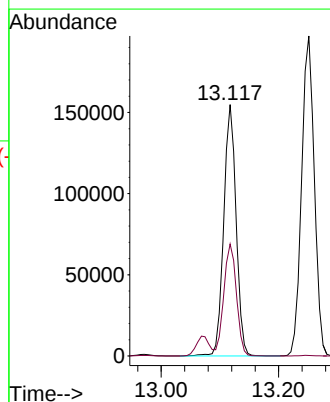
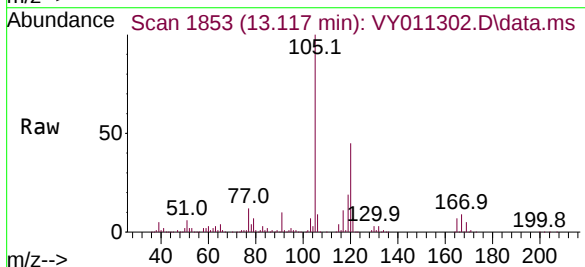
Acq: 04 Nov 2022 17:09

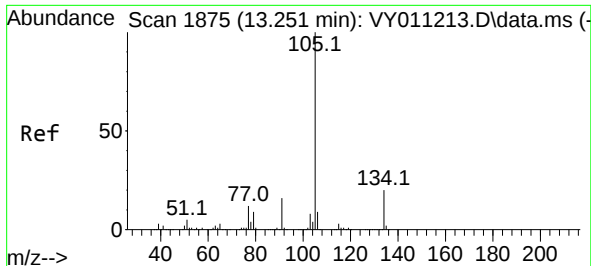
Tgt Ion:105 Resp: 226538

Ion Ratio Lower Upper

105 100

120 45.0 22.3 66.9

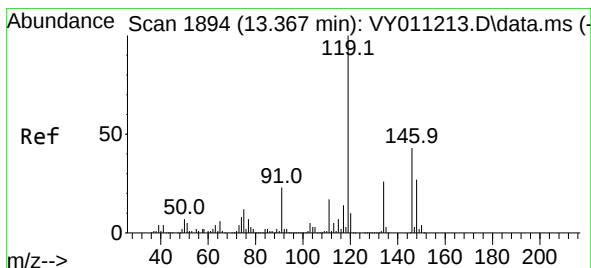
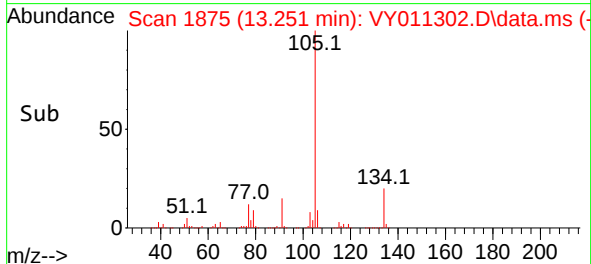
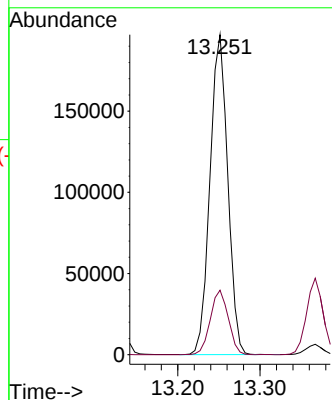
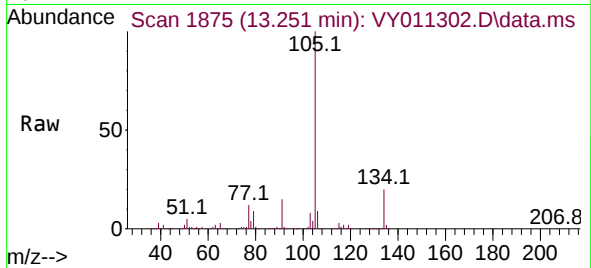




#85
 sec-Butylbenzene
 Concen: 21.130 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY011302.D
 Acq: 04 Nov 2022 17:09

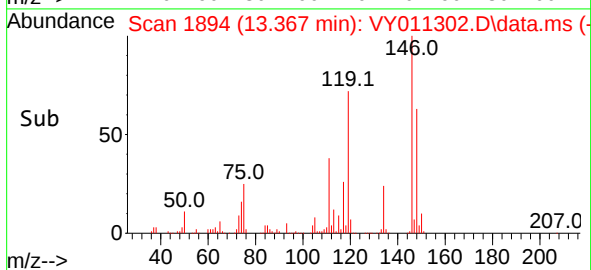
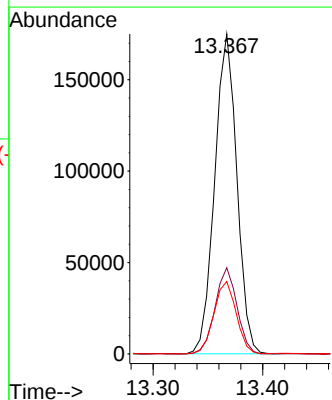
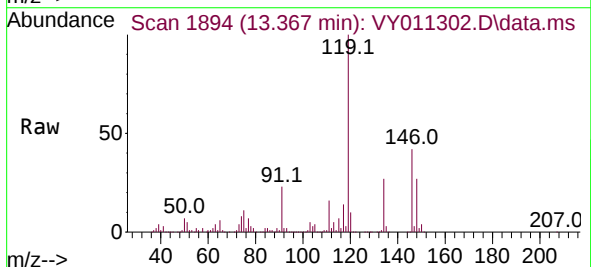
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS02

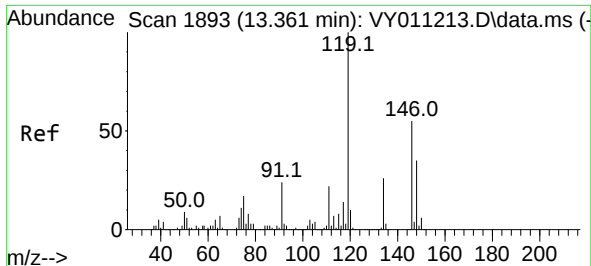
Tgt Ion:105 Resp: 295639
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 21.071 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY011302.D
 Acq: 04 Nov 2022 17:09

Tgt Ion:119 Resp: 245731
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 22.8 12.4 37.2

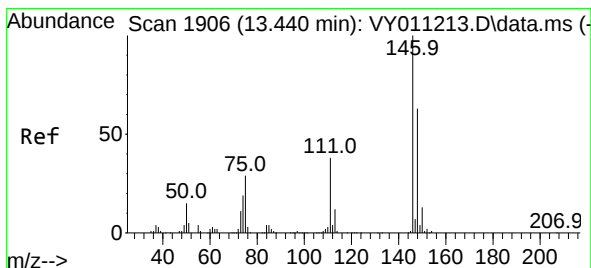
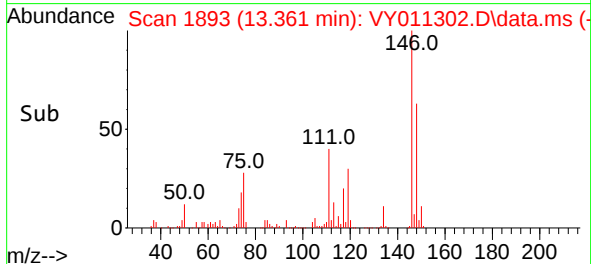
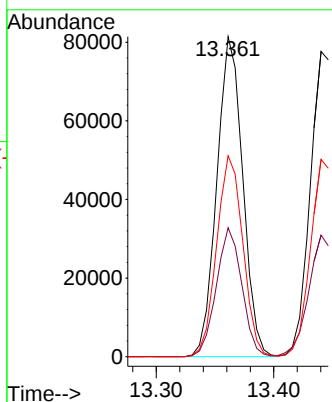
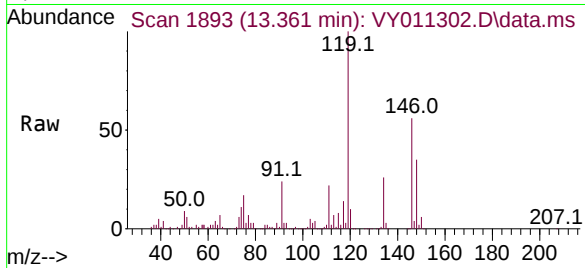




#87
 1,3-Dichlorobenzene
 Concen: 20.461 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VY011302.D
 Acq: 04 Nov 2022 17:09

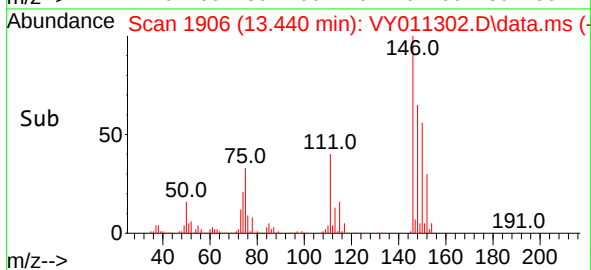
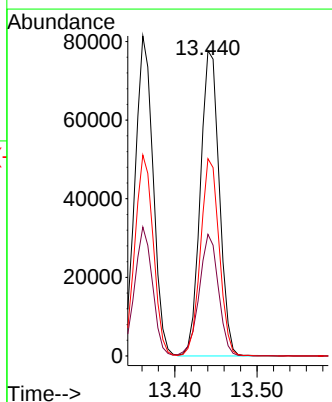
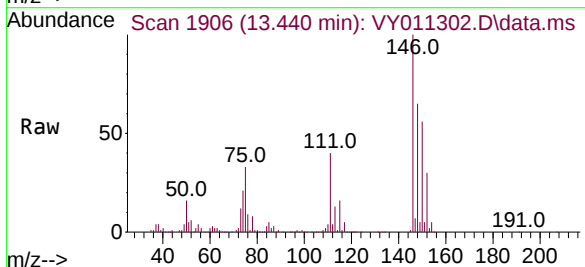
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS02

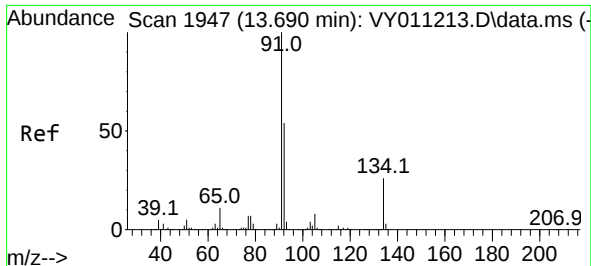
Tgt Ion:146 Resp: 124903
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.5 58.5
 148 63.5 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.273 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.007 min
 Lab File: VY011302.D
 Acq: 04 Nov 2022 17:09

Tgt Ion:146 Resp: 124121
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.3 57.8
 148 63.8 32.6 97.8





#89

n-Butylbenzene

Concen: 20.730 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.006 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

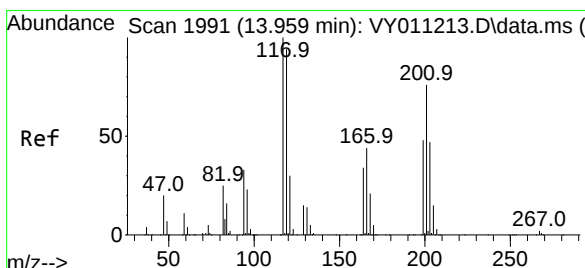
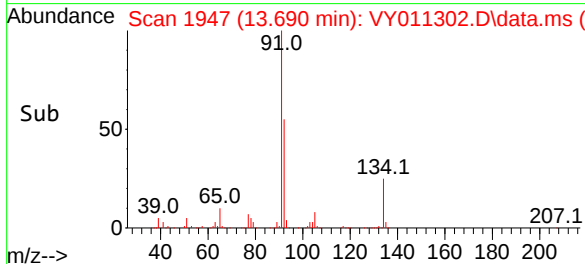
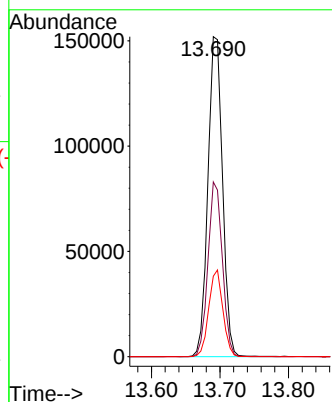
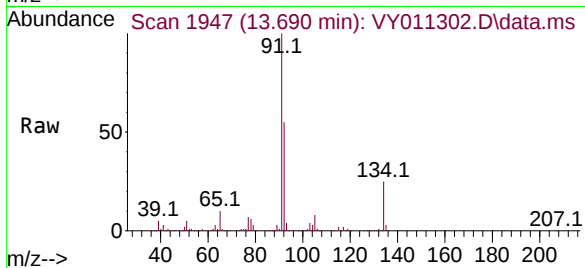
Tgt Ion: 91 Resp: 225745

Ion Ratio Lower Upper

91 100

92 53.7 26.3 78.9

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 20.563 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY011302.D

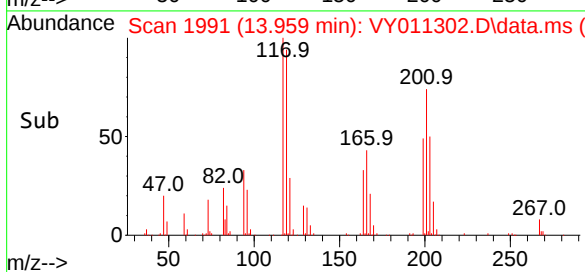
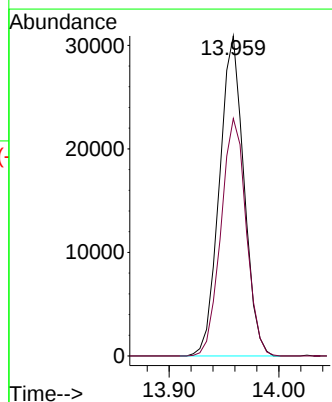
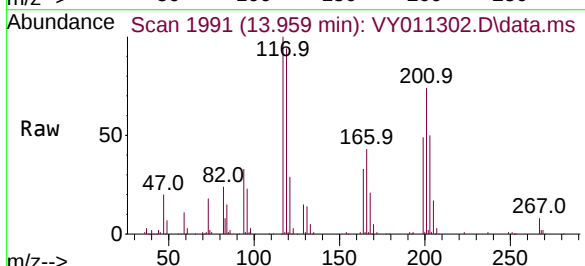
Acq: 04 Nov 2022 17:09

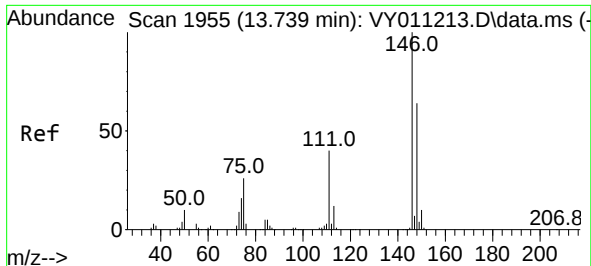
Tgt Ion: 117 Resp: 47959

Ion Ratio Lower Upper

117 100

201 76.3 43.0 128.8

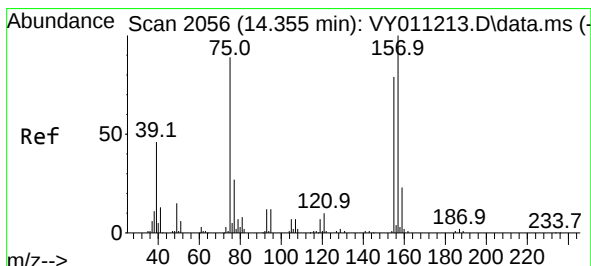
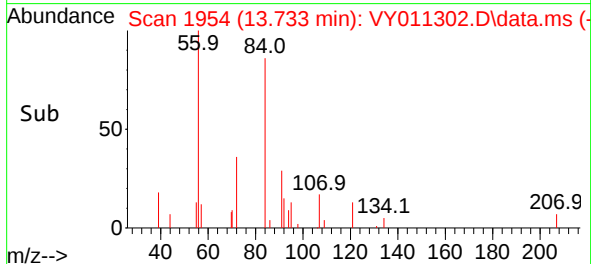
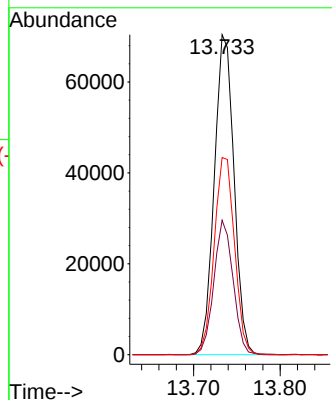
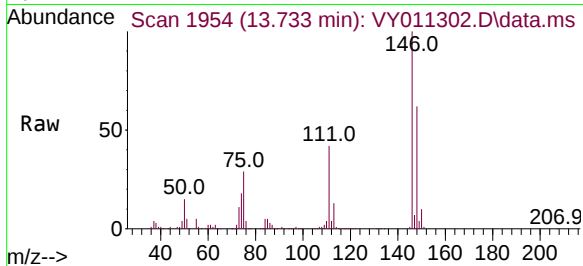




#91
1,2-Dichlorobenzene
Concen: 20.467 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

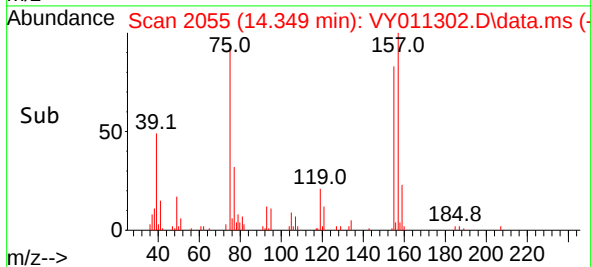
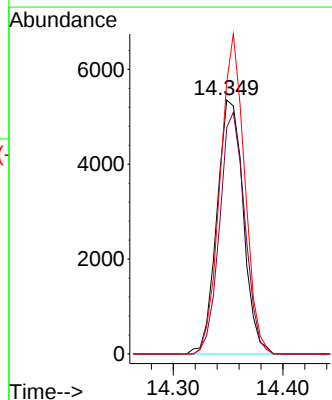
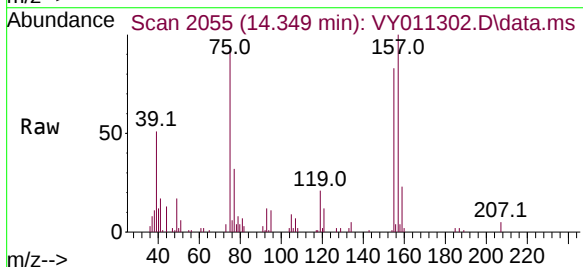
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

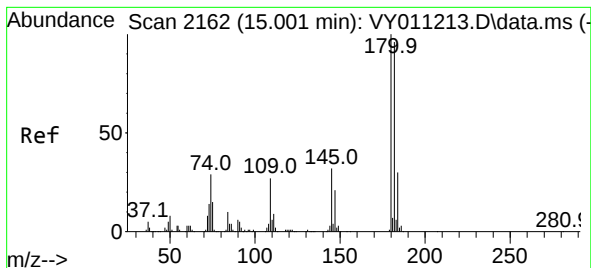
Tgt Ion:146 Resp: 111598
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 63.5 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.482 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion: 75 Resp: 8938
Ion Ratio Lower Upper
75 100
155 90.7 38.0 113.9
157 116.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.413 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS02

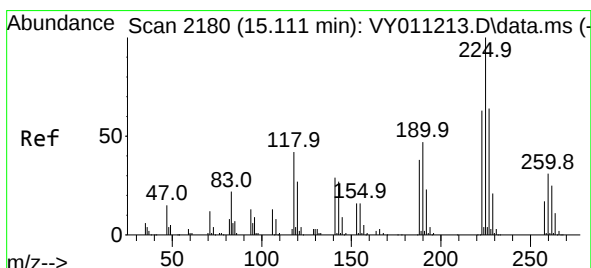
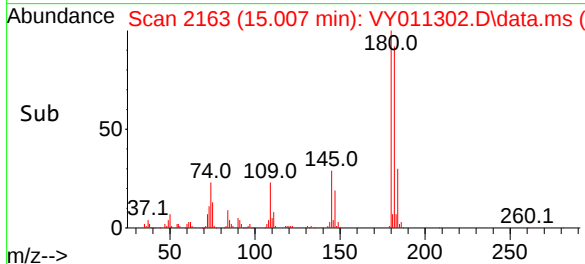
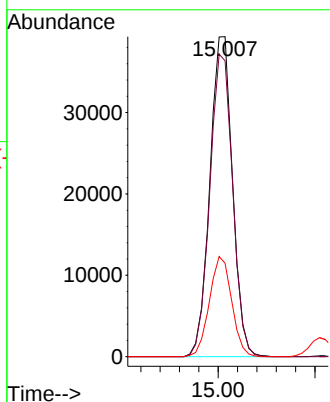
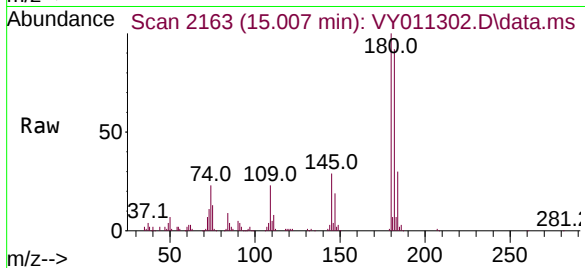
Tgt Ion:180 Resp: 63977

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 30.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.284 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY011302.D

Acq: 04 Nov 2022 17:09

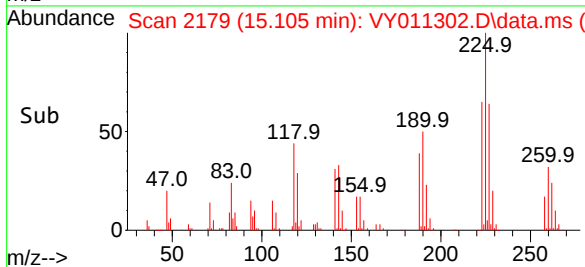
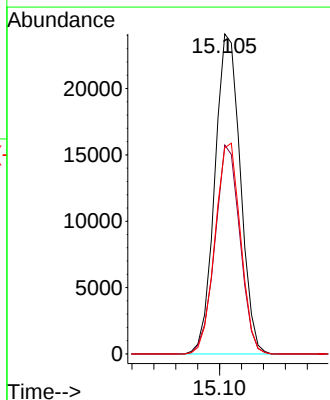
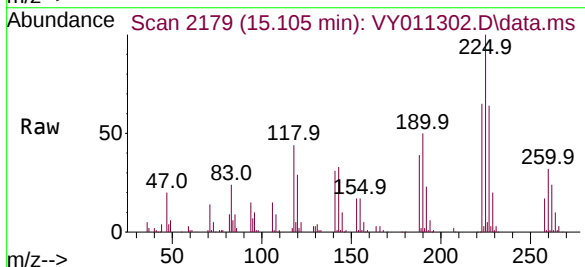
Tgt Ion:225 Resp: 38923

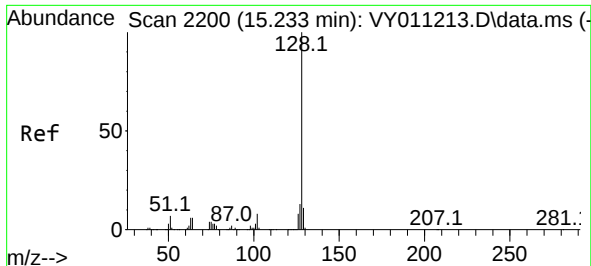
Ion Ratio Lower Upper

225 100

223 63.9 30.8 92.3

227 65.8 31.6 94.7

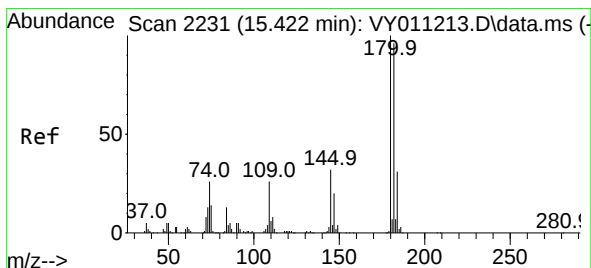
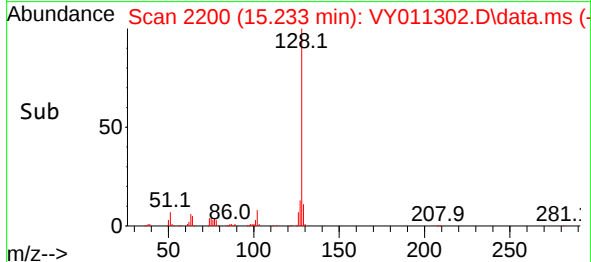
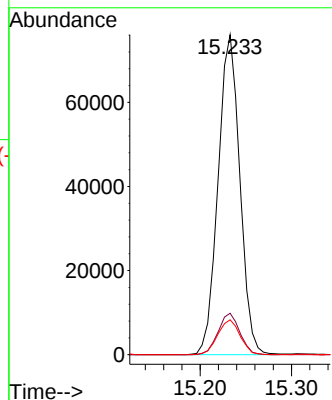
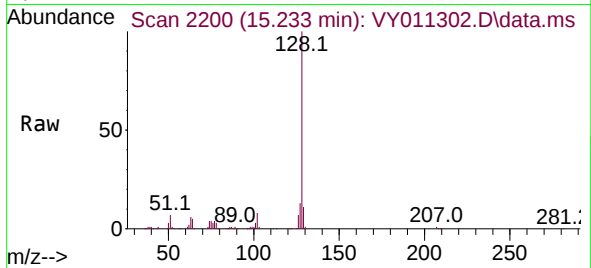




#95
Naphthalene
Concen: 19.022 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS02

Tgt Ion:128 Resp: 125996
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 11.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.104 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011302.D
Acq: 04 Nov 2022 17:09

Tgt Ion:180 Resp: 55329
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.9
145 32.1 15.3 45.9

