

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011298.D
 Acq On : 04 Nov 2022 15:38
 Operator : KP/MD
 Sample : VY1104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Quant Time: Nov 07 01:50:45 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	229497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113011	46.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.716	113	117177	49.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.660%
50) Toluene-d8	10.179	98	441222	47.838	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.477	95	162570	50.772	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	50182	25.268	ug/l	100
3) Chloromethane	2.113	50	51710	20.320	ug/l	92
4) Vinyl Chloride	2.247	62	58482	20.573	ug/l	97
5) Bromomethane	2.643	94	39511	20.834	ug/l	100
6) Chloroethane	2.790	64	36604	20.039	ug/l	100
7) Trichlorofluoromethane	3.119	101	87351	20.800	ug/l	96
8) Diethyl Ether	3.521	74	29766	19.753	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	51785	20.510	ug/l	95
10) Methyl Iodide	4.088	142	60616	18.650	ug/l	90
11) Tert butyl alcohol	4.936	59	30177	93.254	ug/l	97
12) 1,1-Dichloroethene	3.869	96	50761	20.334	ug/l	81
13) Acrolein	3.729	56	16811	118.505	ug/l	96
14) Allyl chloride	4.472	41	76116	20.129	ug/l #	84
15) Acrylonitrile	5.161	53	70462	93.185	ug/l	97
16) Acetone	3.942	43	60773	82.024	ug/l #	82
17) Carbon Disulfide	4.192	76	159807	19.490	ug/l	99
18) Methyl Acetate	4.472	43	38107	19.427	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	132988	20.047	ug/l	96
20) Methylene Chloride	4.710	84	81833	24.436	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	58438	20.582	ug/l	88
22) Diisopropyl ether	6.112	45	159285	20.317	ug/l #	93
23) Vinyl Acetate	6.057	43	462305	96.611	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	100682	20.507	ug/l	98
25) 2-Butanone	6.978	43	93239	89.438	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	91719	20.430	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	64961	20.764	ug/l	89
28) Bromochloromethane	7.325	49	35768	18.966	ug/l	84
29) Tetrahydrofuran	7.344	42	55631	91.664	ug/l #	83
30) Chloroform	7.502	83	101811	20.532	ug/l	99
31) Cyclohexane	7.783	56	90769	19.952	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	90916	20.671	ug/l	95
36) 1,1-Dichloropropene	7.917	75	79620	20.524	ug/l	97
37) Ethyl Acetate	7.069	43	39924	19.091	ug/l #	92
38) Carbon Tetrachloride	7.899	117	82345	20.460	ug/l	97
39) Methylcyclohexane	9.179	83	98103	20.786	ug/l	92
40) Benzene	8.155	78	233972	20.521	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	51777	45.566	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	61519	19.870	ug/l	90
43) Isopropyl Acetate	8.270	43	70509	19.137	ug/l #	87
44) Trichloroethene	8.935	130	63386	20.774	ug/l	95
45) 1,2-Dichloropropane	9.215	63	56854	20.170	ug/l	94
46) Dibromomethane	9.301	93	31662	19.880	ug/l	97
47) Bromodichloromethane	9.496	83	77889	20.631	ug/l	98
48) Methyl methacrylate	9.289	41	31971	18.891	ug/l #	76
49) 1,4-Dioxane	9.295	88	8076	376.935	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	186288	92.987	ug/l #	86
52) Toluene	10.240	92	148518	21.008	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	80068	20.138	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	93113	20.467	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	45945	20.129	ug/l	96
56) Ethyl methacrylate	10.508	69	59276	19.660	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	78677	20.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	141299	99.966	ug/l	96
59) 2-Hexanone	10.831	43	131995	92.288	ug/l	83
60) Dibromochloromethane	10.983	129	54732	20.181	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42981	19.834	ug/l	100
64) Tetrachloroethene	10.715	164	60853	21.259	ug/l	97
65) Chlorobenzene	11.514	112	156197	21.009	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	57240	20.910	ug/l	98
67) Ethyl Benzene	11.593	91	277880	21.071	ug/l	97
68) m/p-Xylenes	11.703	106	217526	42.491	ug/l	96
69) o-Xylene	12.026	106	102326	21.323	ug/l	94
70) Styrene	12.038	104	173062	21.274	ug/l	96
71) Bromoform	12.203	173	34256	20.133	ug/l #	100
73) Isopropylbenzene	12.325	105	268864	21.105	ug/l	100
74) N-amyl acetate	12.142	43	61939	19.369	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	51732	19.624	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	69016	33.271	ug/l #	100
77) Bromobenzene	12.605	156	62570	20.880	ug/l	98
78) n-propylbenzene	12.666	91	328909	21.100	ug/l	98
79) 2-Chlorotoluene	12.751	91	186061	20.832	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	231540	21.479	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	18939	19.540	ug/l #	83
82) 4-Chlorotoluene	12.849	91	194265	21.106	ug/l	100
83) tert-Butylbenzene	13.074	119	197277	21.238	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	227758	21.362	ug/l	98
85) sec-Butylbenzene	13.251	105	296498	21.529	ug/l	100
86) p-Isopropyltoluene	13.367	119	244068	21.262	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	125103	20.820	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	124881	20.723	ug/l	98
89) n-Butylbenzene	13.696	91	227354	21.210	ug/l	98
90) Hexachloroethane	13.958	117	48012	20.914	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	112080	20.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8352	18.495	ug/l	82
93) 1,2,4-Trichlorobenzene	15.001	180	65614	20.227	ug/l	99
94) Hexachlorobutadiene	15.111	225	40990	21.701	ug/l	100
95) Naphthalene	15.233	128	124331	19.060	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	55411	19.437	ug/l	98

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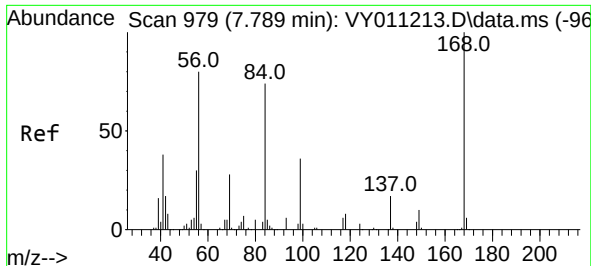
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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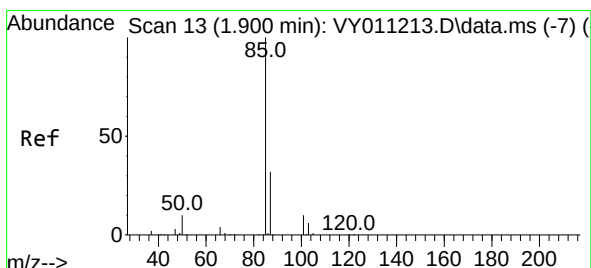
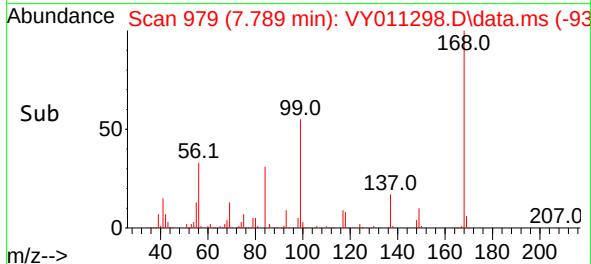
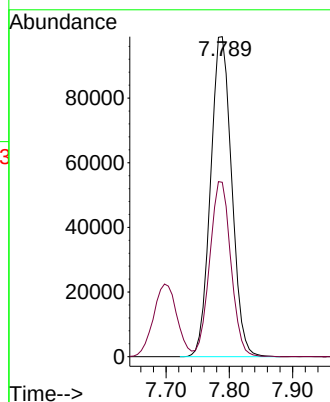
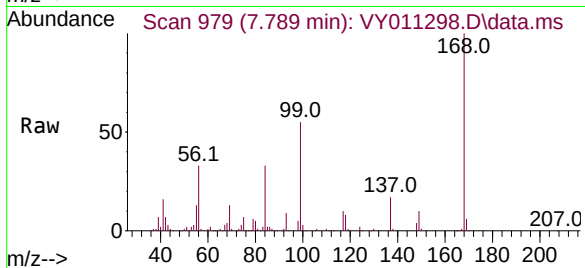




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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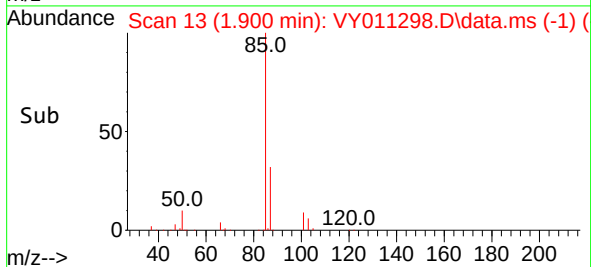
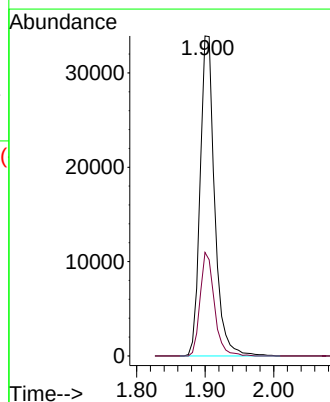
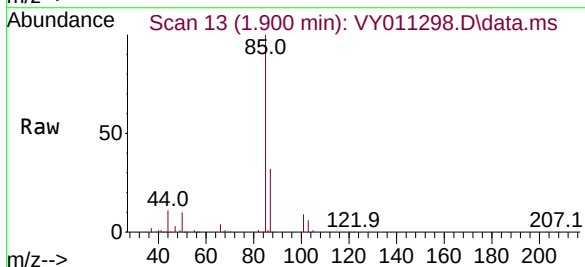
Instrument :
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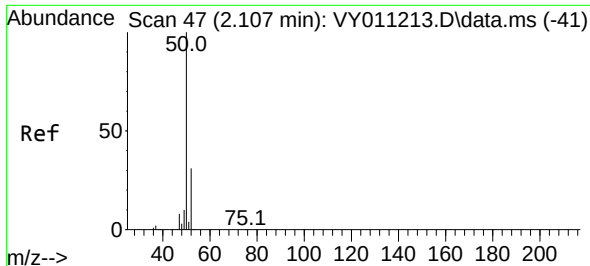
Tgt Ion:168 Resp: 229497
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 25.268 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 85 Resp: 50182
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

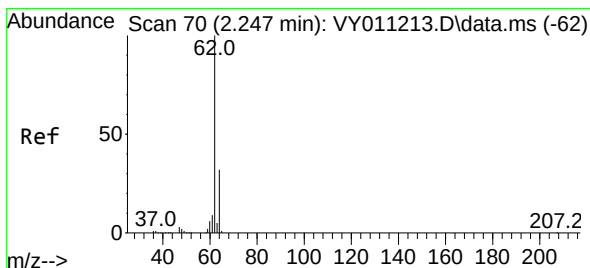
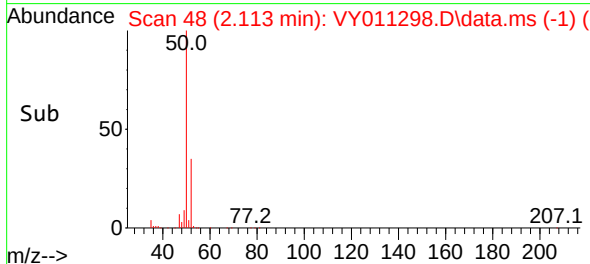
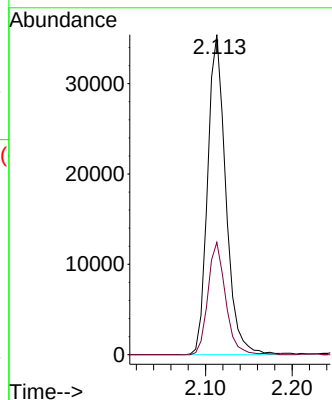
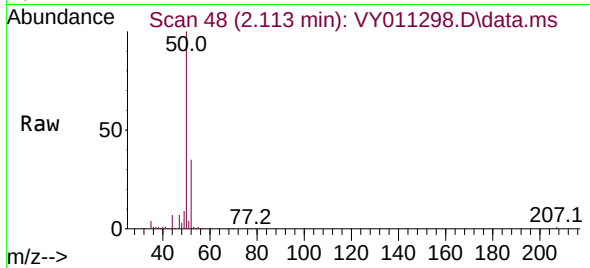




#3
Chloromethane
Concen: 20.320 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

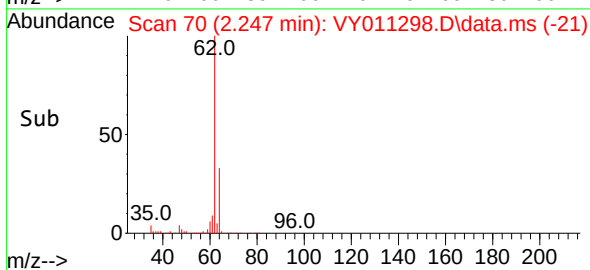
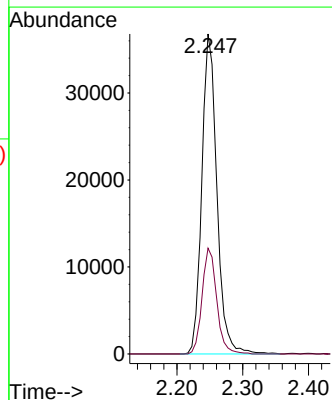
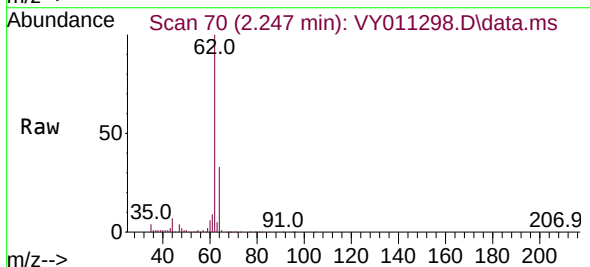
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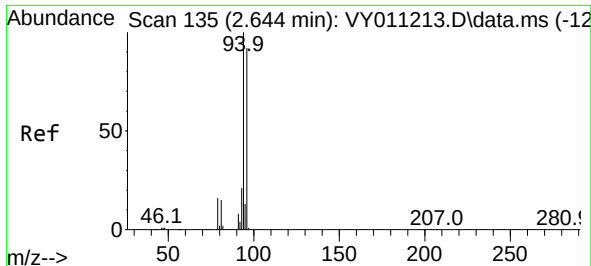
Tgt Ion: 50 Resp: 51710
Ion Ratio Lower Upper
50 100
52 35.1 24.6 37.0



#4
Vinyl Chloride
Concen: 20.573 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 62 Resp: 58482
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6

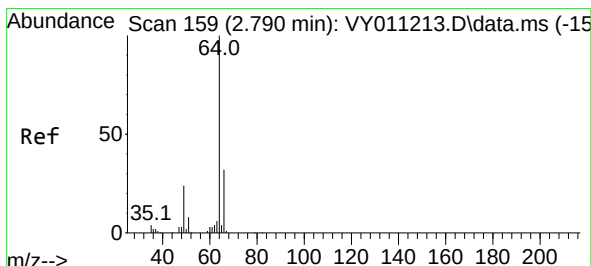
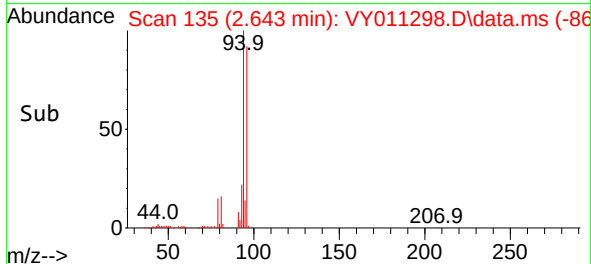
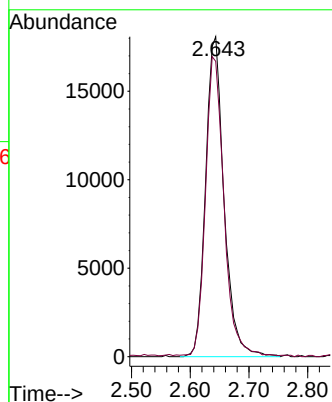
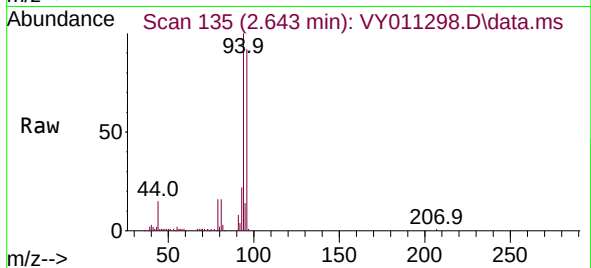




#5
Bromomethane
Concen: 20.834 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

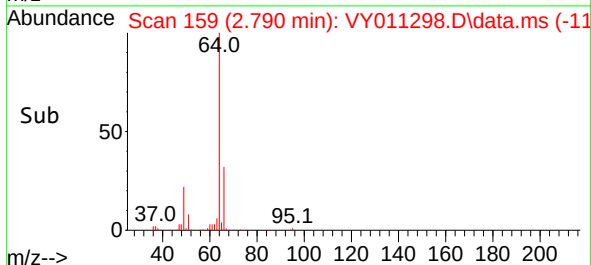
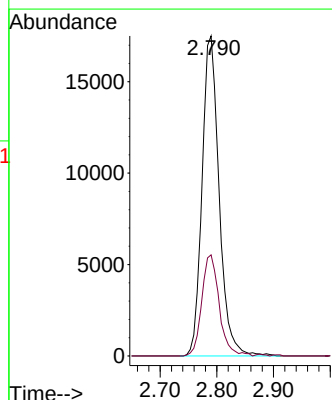
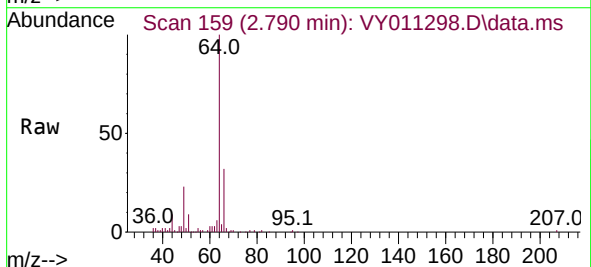
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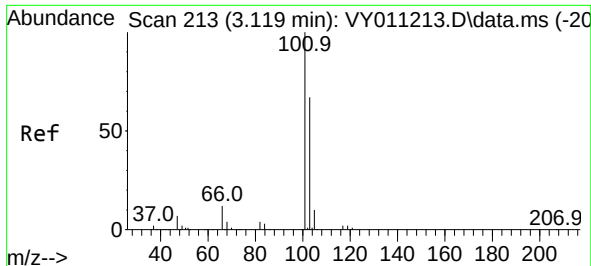
Tgt Ion: 94 Resp: 39511
Ion Ratio Lower Upper
94 100
96 91.9 73.5 110.3



#6
Chloroethane
Concen: 20.039 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 64 Resp: 36604
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.0

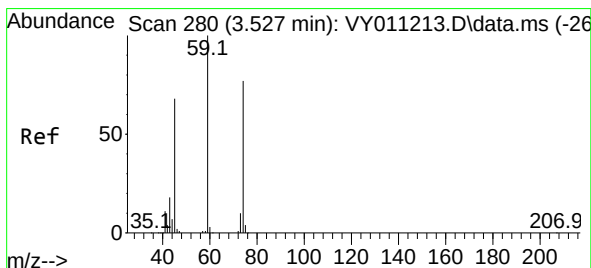
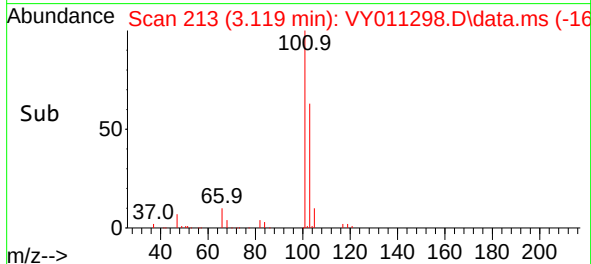
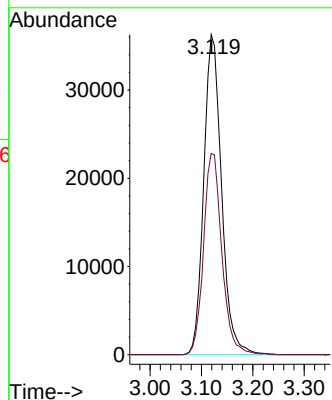
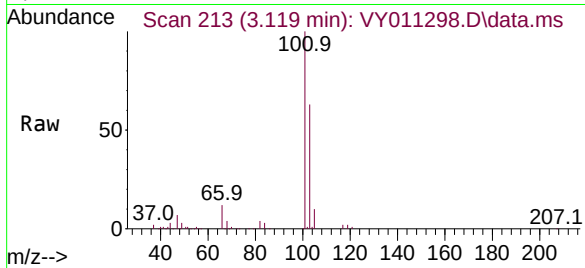




#7
 Trichlorofluoromethane
 Concen: 20.800 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY011298.D
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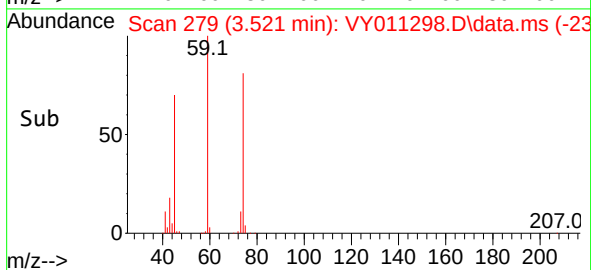
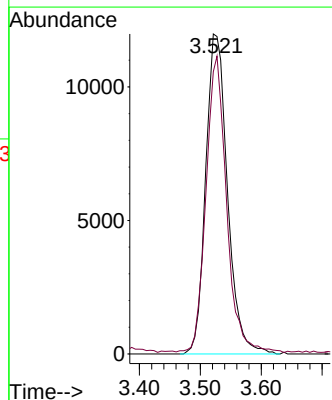
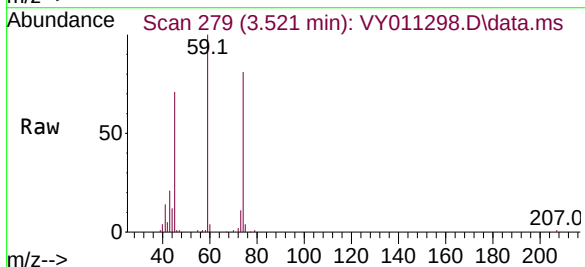
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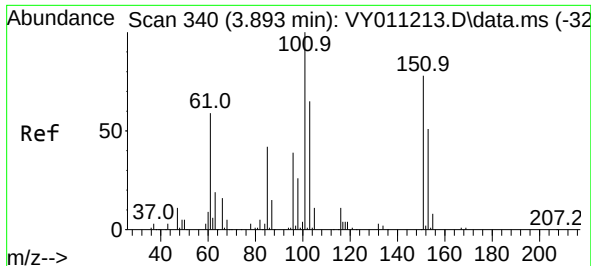
Tgt Ion:101 Resp: 87351
 Ion Ratio Lower Upper
 101 100
 103 62.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 19.753 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.007 min
 Lab File: VY011298.D
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Tgt Ion: 74 Resp: 29766
 Ion Ratio Lower Upper
 74 100
 45 87.6 55.1 165.5

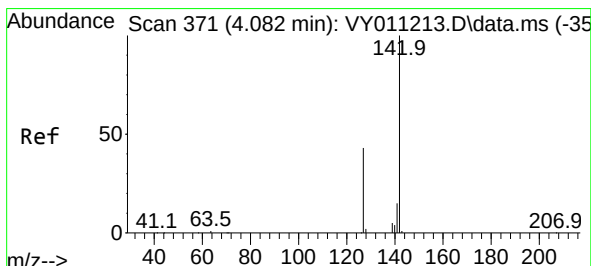
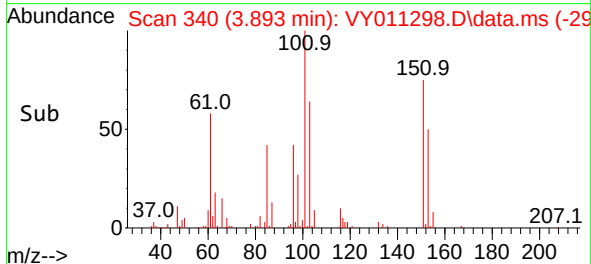
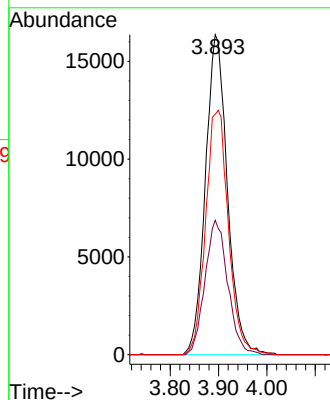
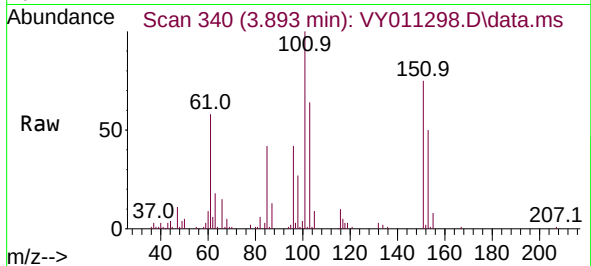




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.510 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
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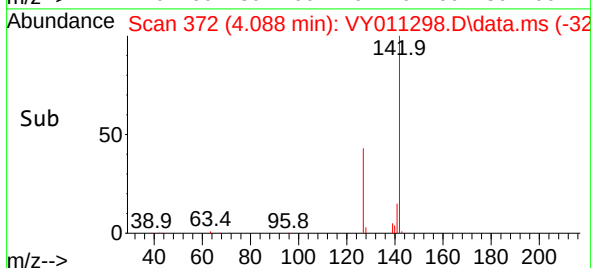
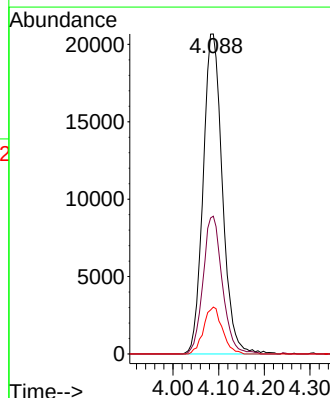
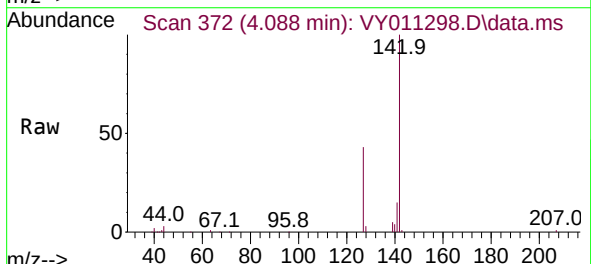
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

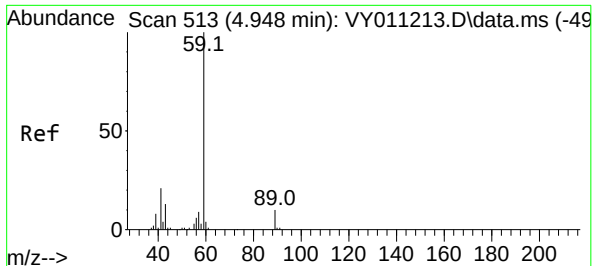
Tgt Ion:101 Resp: 51785
Ion Ratio Lower Upper
101 100
85 43.5 40.6 60.8
151 79.2 64.9 97.3



#10
Methyl Iodide
Concen: 18.650 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion:142 Resp: 60616
Ion Ratio Lower Upper
142 100
127 43.1 41.5 62.3
141 14.2 11.9 17.9

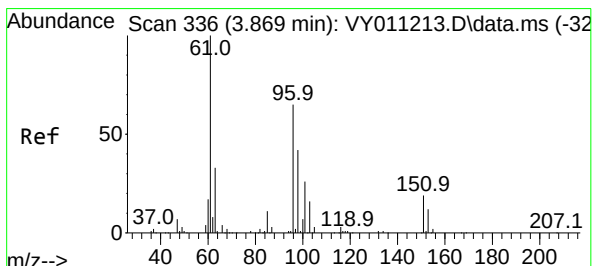
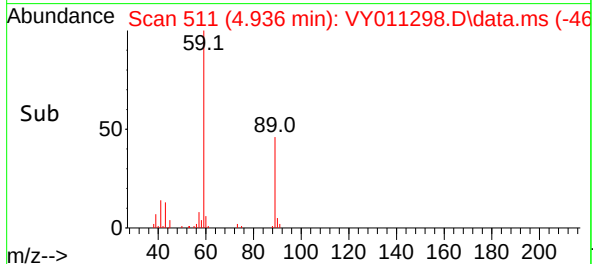
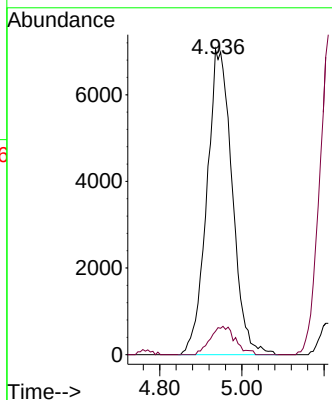
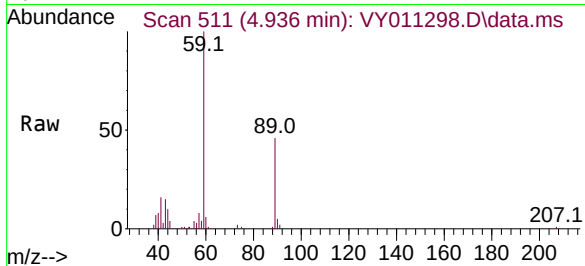




#11
Tert butyl alcohol
Concen: 93.254 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

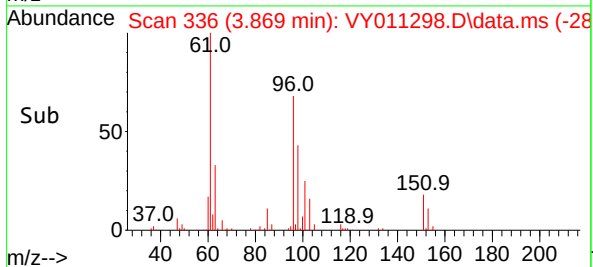
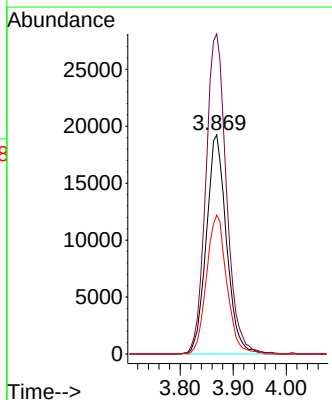
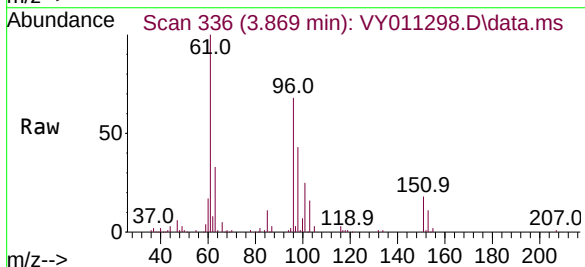
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

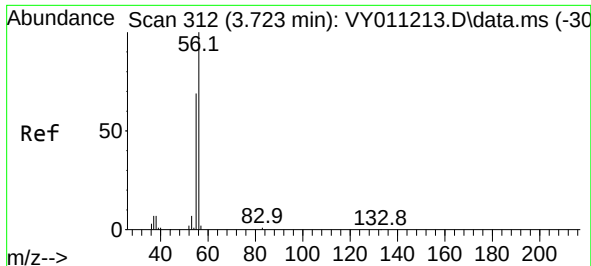
Tgt Ion: 59 Resp: 30177
Ion Ratio Lower Upper
59 100
57 9.1 6.4 9.6



#12
1,1-Dichloroethene
Concen: 20.334 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 96 Resp: 50761
Ion Ratio Lower Upper
96 100
61 146.0 145.8 218.6
98 63.4 52.5 78.7





#13

Acrolein

Concen: 118.505 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

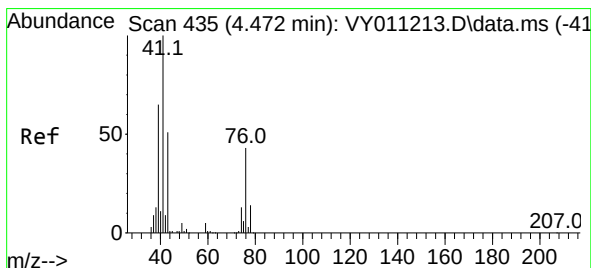
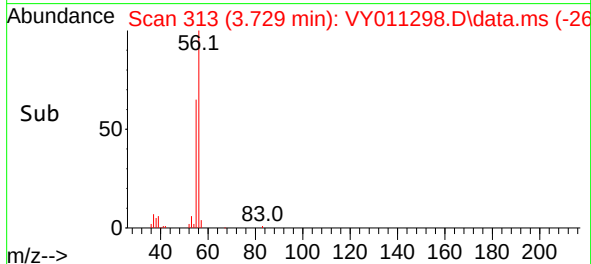
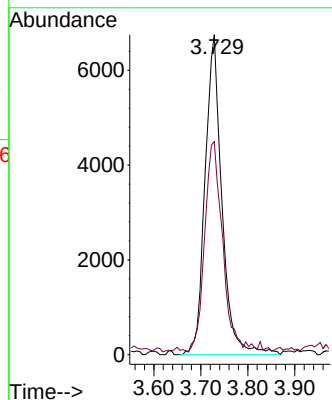
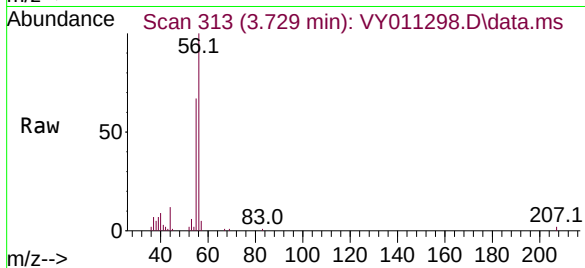
VY1104SBS01

Tgt Ion: 56 Resp: 16811

Ion Ratio Lower Upper

56 100

55 68.4 57.6 86.4



#14

Allyl chloride

Concen: 20.129 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.001 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

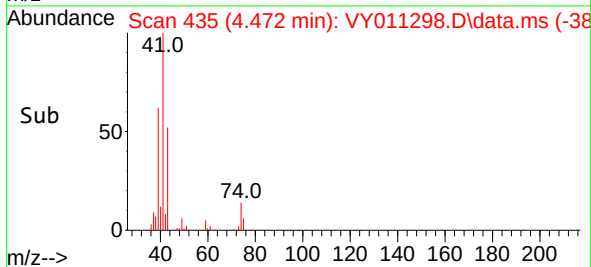
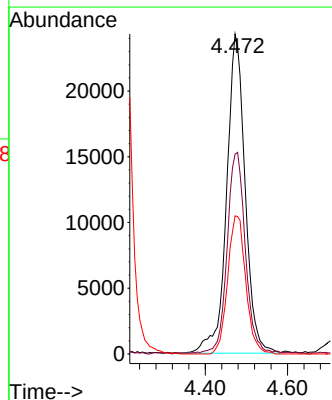
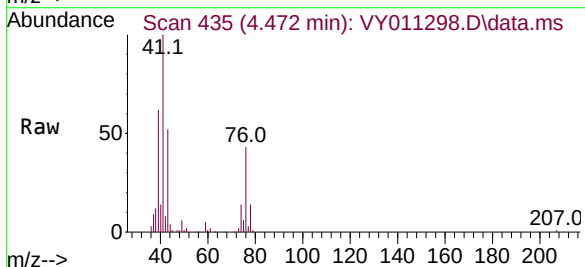
Tgt Ion: 41 Resp: 76116

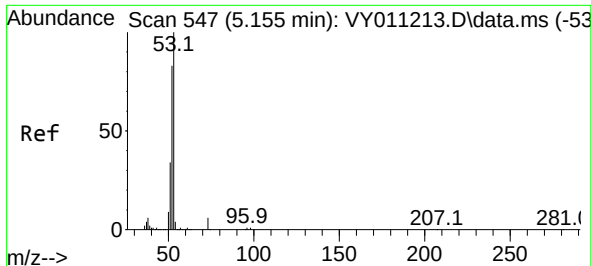
Ion Ratio Lower Upper

41 100

39 61.7 58.8 88.2

76 42.3 25.1 37.7#

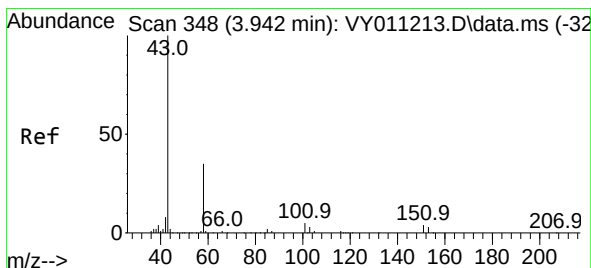
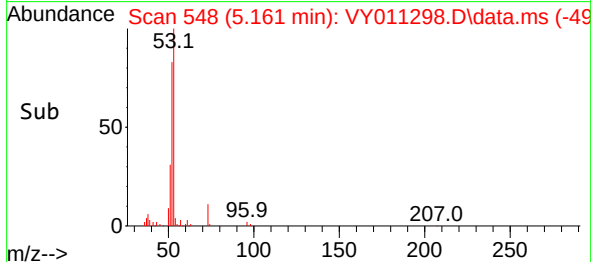
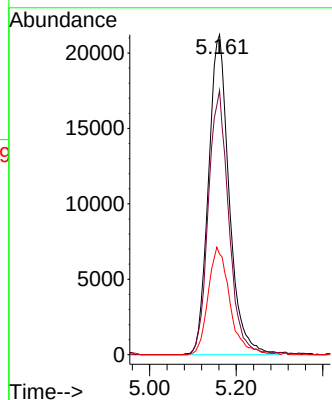
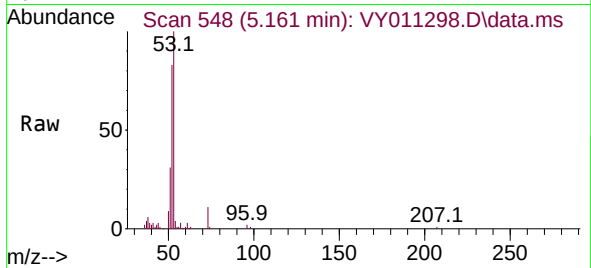




#15
Acrylonitrile
Concen: 93.185 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

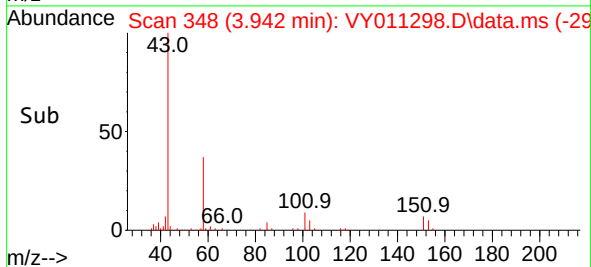
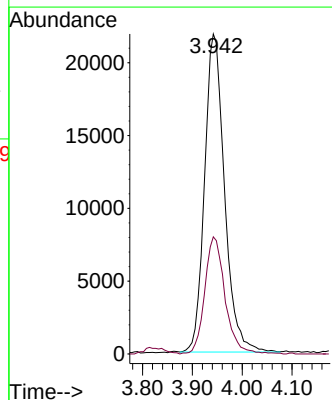
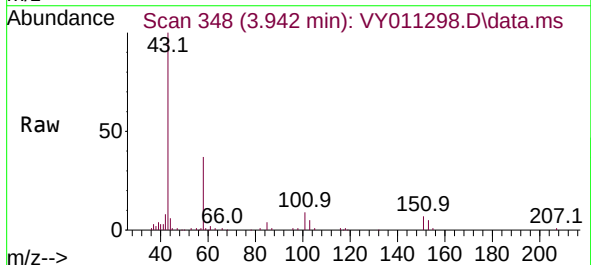
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

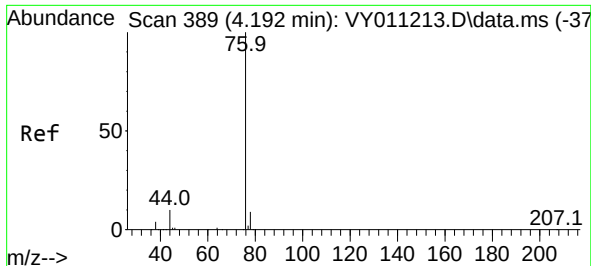
Tgt Ion: 53 Resp: 70462
Ion Ratio Lower Upper
53 100
52 81.5 67.0 100.4
51 35.4 29.8 44.6



#16
Acetone
Concen: 82.024 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 43 Resp: 60773
Ion Ratio Lower Upper
43 100
58 36.8 22.0 33.0#

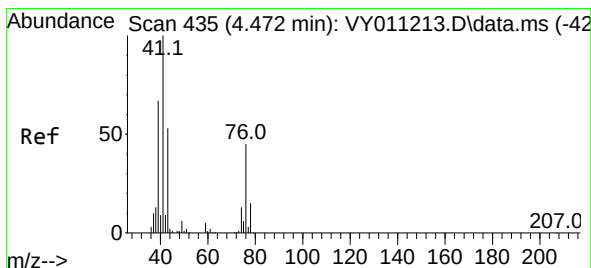
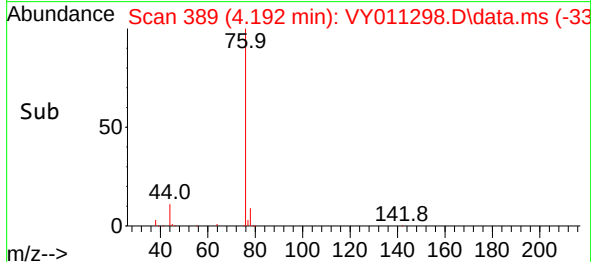
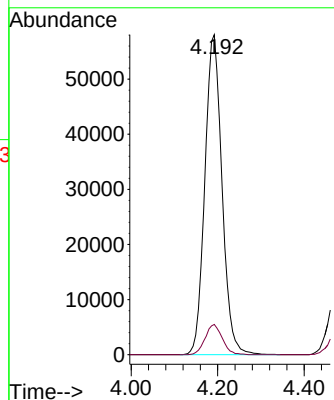
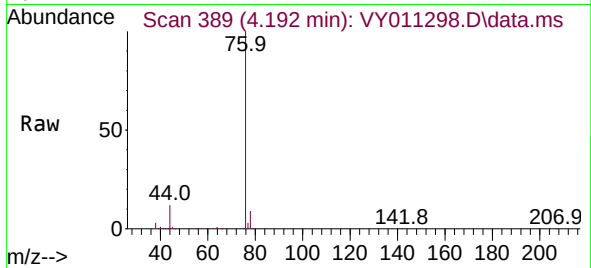




#17
Carbon Disulfide
Concen: 19.490 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

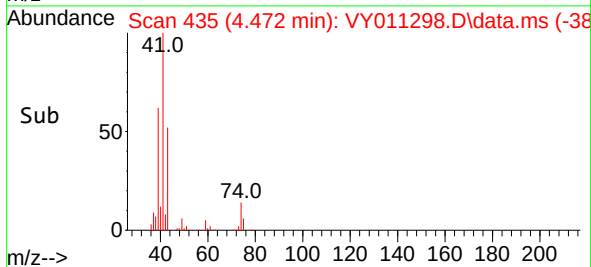
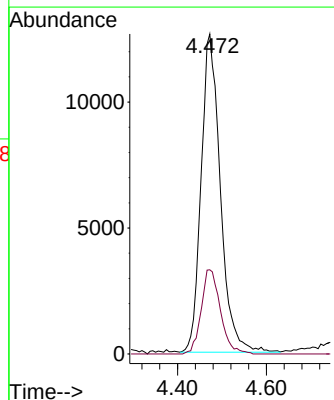
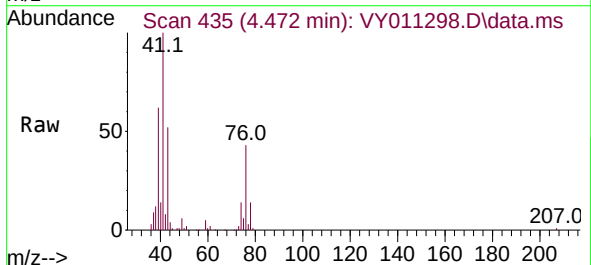
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

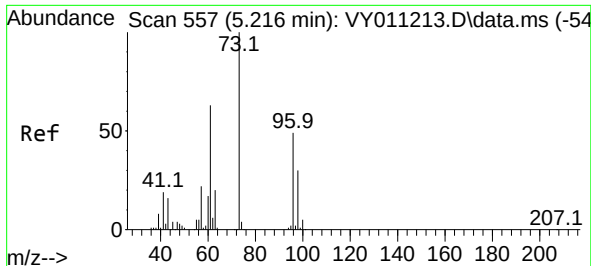
Tgt Ion: 76 Resp: 159807
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 19.427 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 43 Resp: 38107
Ion Ratio Lower Upper
43 100
74 26.4 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 20.047 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

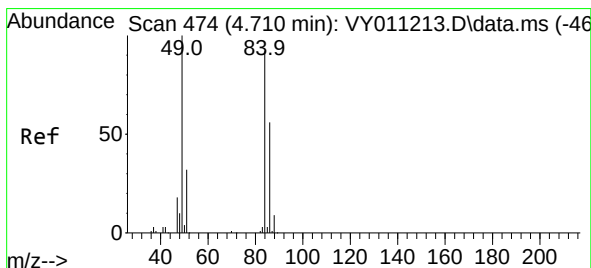
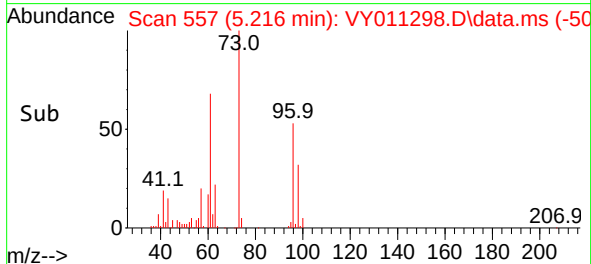
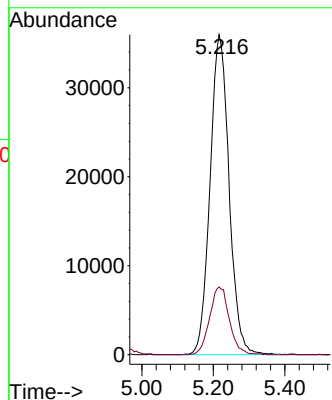
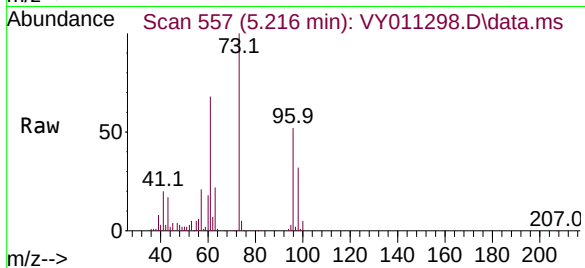
VY1104SBS01

Tgt Ion: 73 Resp: 132988

Ion Ratio Lower Upper

73 100

57 21.2 18.6 27.8



#20

Methylene Chloride

Concen: 24.436 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Tgt Ion: 84 Resp: 81833

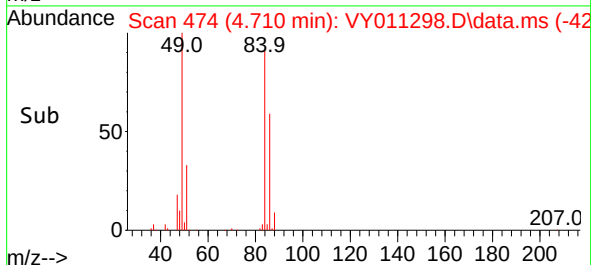
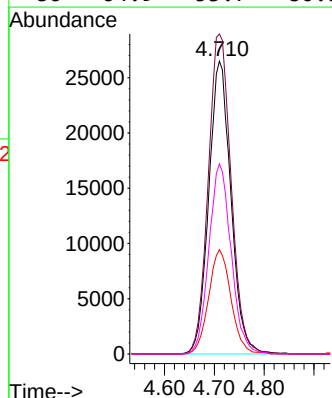
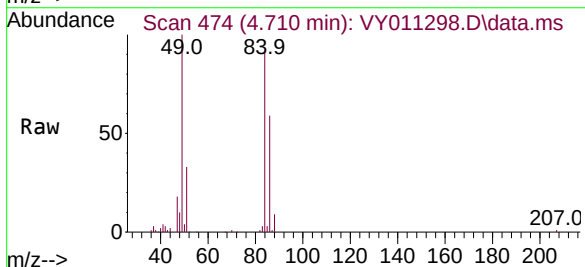
Ion Ratio Lower Upper

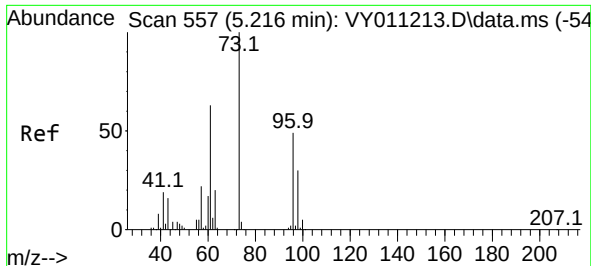
84 100

49 109.3 114.4 171.6#

51 35.7 35.3 52.9

86 64.9 53.7 80.5

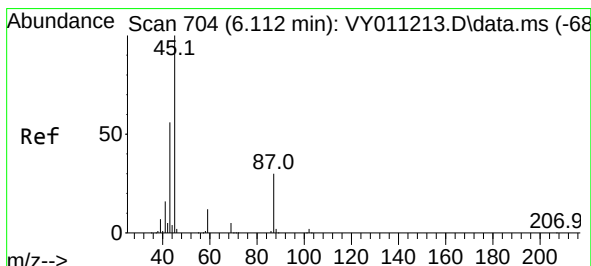
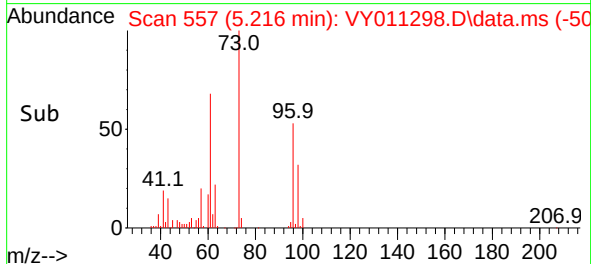
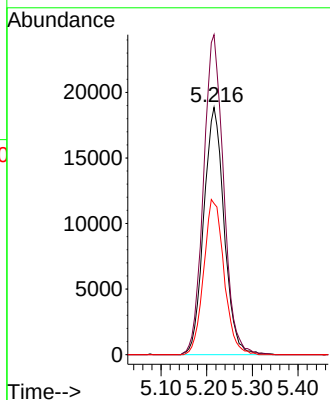
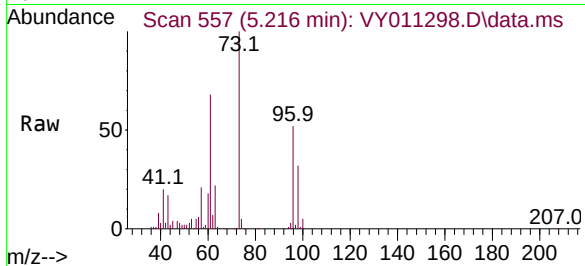




#21
trans-1,2-Dichloroethene
Concen: 20.582 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

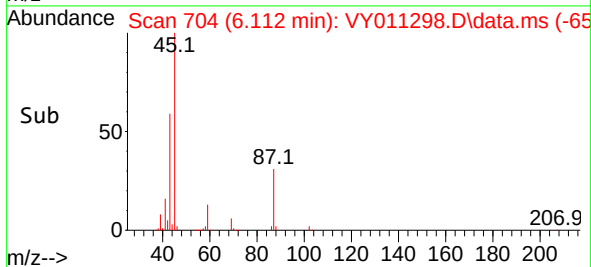
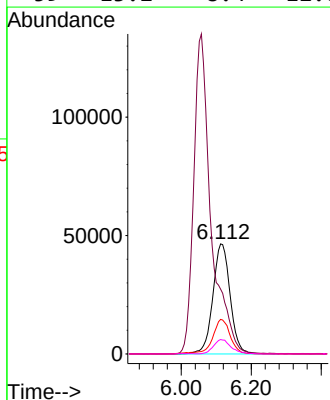
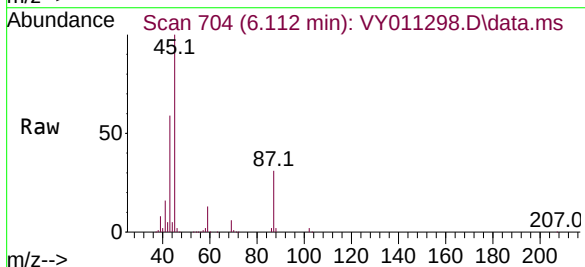
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

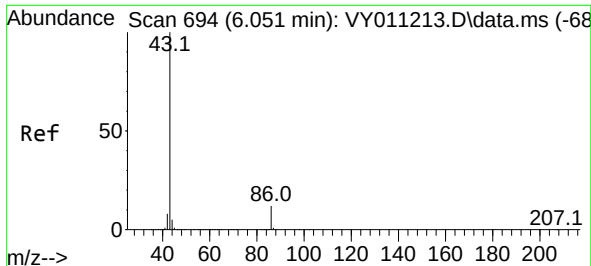
Tgt Ion: 96 Resp: 58438
Ion Ratio Lower Upper
96 100
61 129.3 120.5 180.7
98 61.1 49.8 74.8



#22
Diisopropyl ether
Concen: 20.317 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 45 Resp: 159285
Ion Ratio Lower Upper
45 100
43 58.5 49.3 73.9
87 31.5 19.2 28.8#
59 13.2 8.4 12.6#

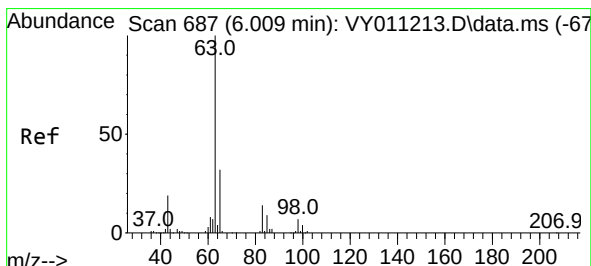
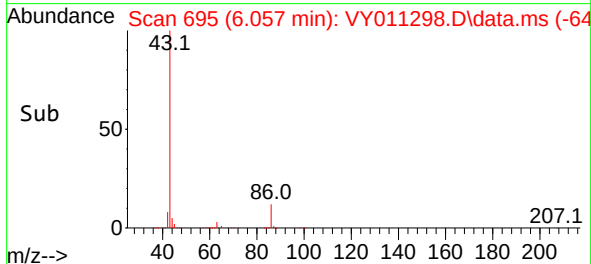
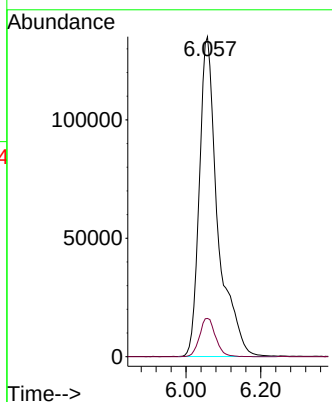
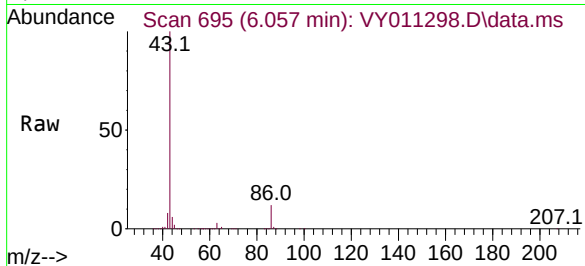




#23
 Vinyl Acetate
 Concen: 96.611 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. -0.001 min
 Lab File: VY011298.D
 Acq: 04 Nov 2022 15:38

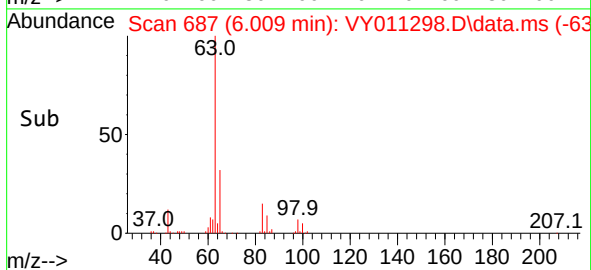
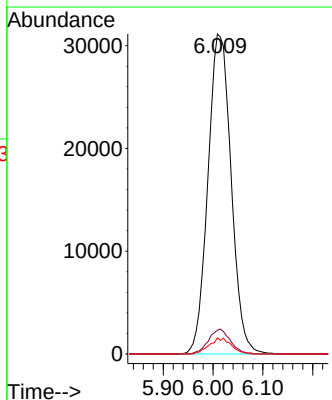
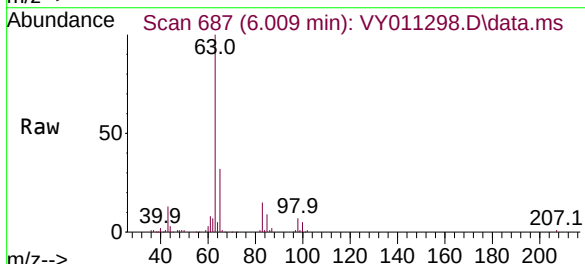
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

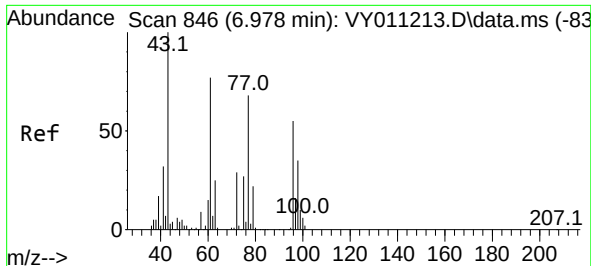
Tgt Ion: 43 Resp: 462305
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.507 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY011298.D
 Acq: 04 Nov 2022 15:38

Tgt Ion: 63 Resp: 100682
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 5.0 2.0 5.8

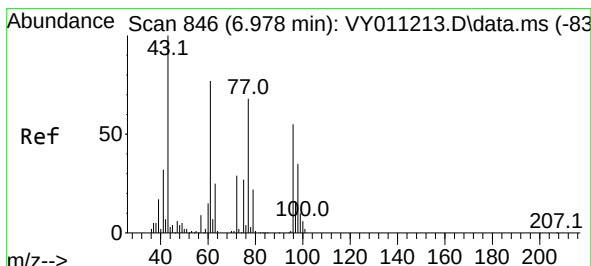
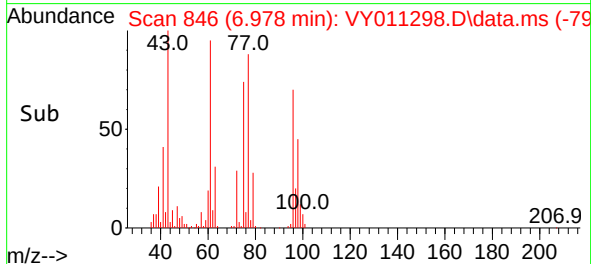
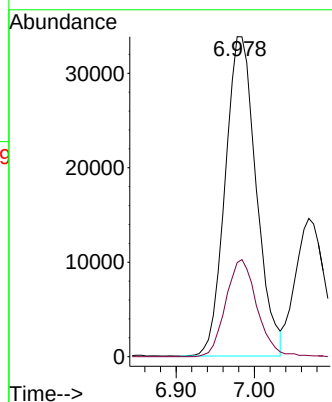
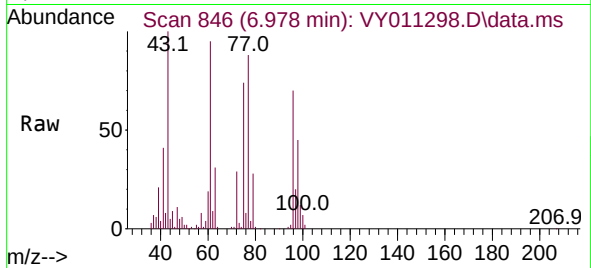




#25
2-Butanone
Concen: 89.438 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

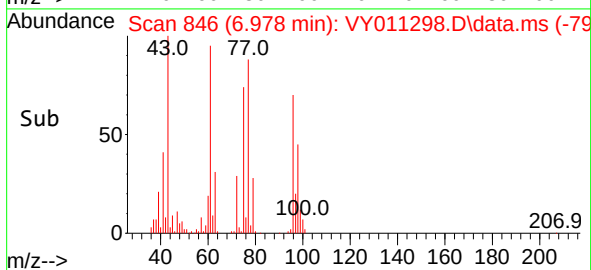
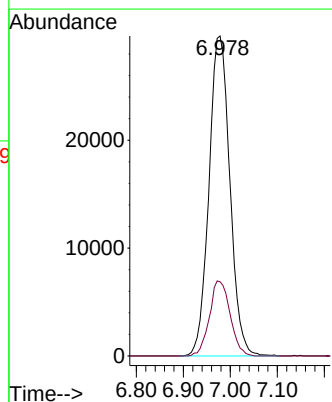
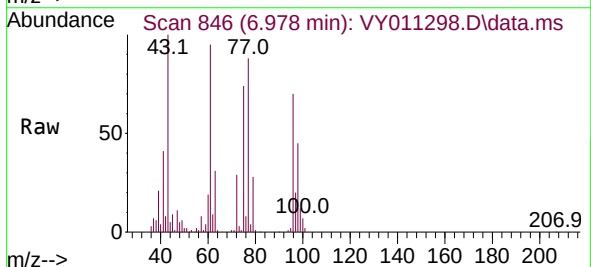
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

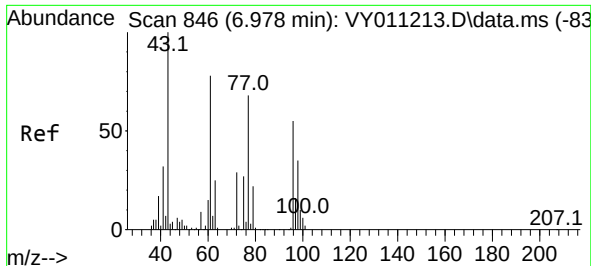
Tgt Ion: 43 Resp: 93239
Ion Ratio Lower Upper
43 100
72 29.4 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 20.430 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 77 Resp: 91719
Ion Ratio Lower Upper
77 100
97 23.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.764 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

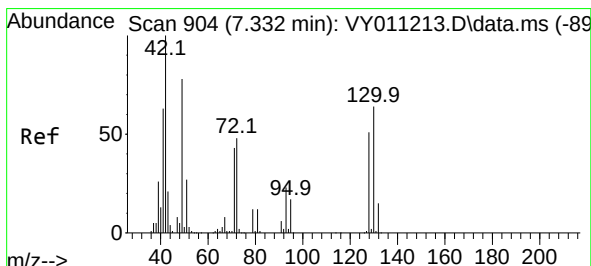
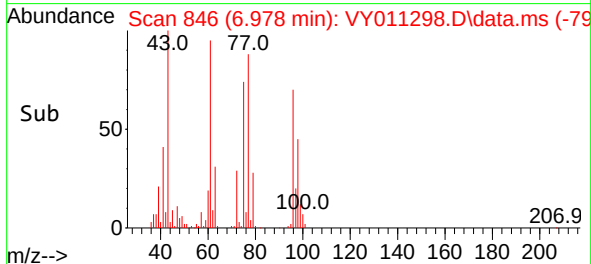
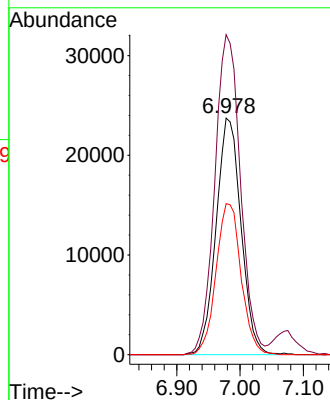
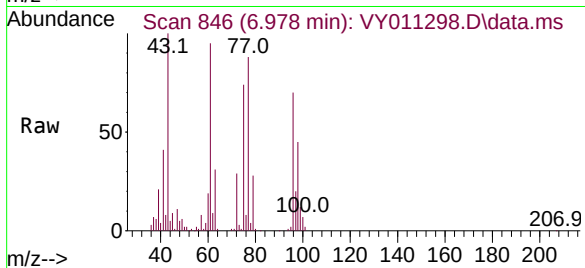
Tgt Ion: 96 Resp: 64961

Ion Ratio Lower Upper

96 100

61 139.4 0.0 319.8

98 64.1 0.0 127.0



#28

Bromochloromethane

Concen: 18.966 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

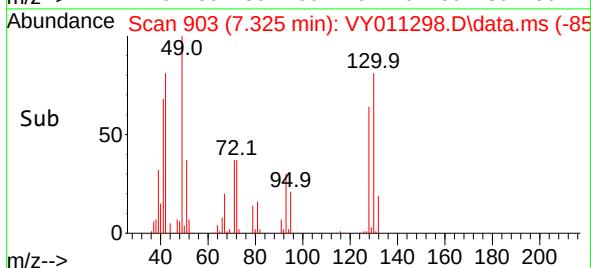
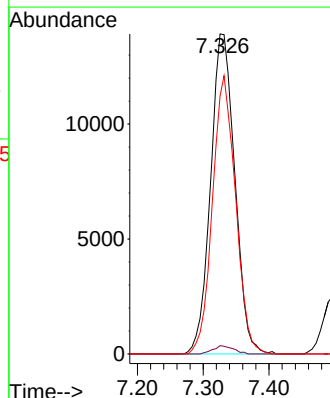
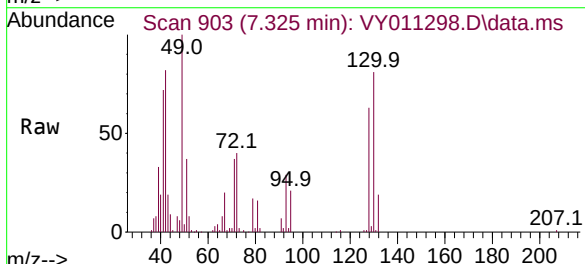
Tgt Ion: 49 Resp: 35768

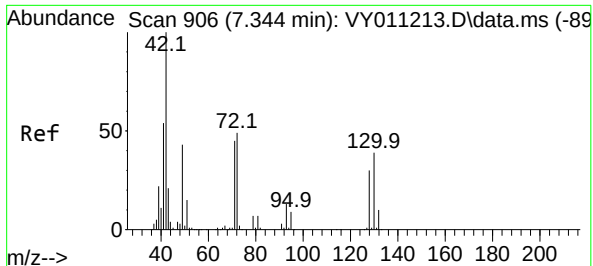
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2

130 82.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 91.664 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

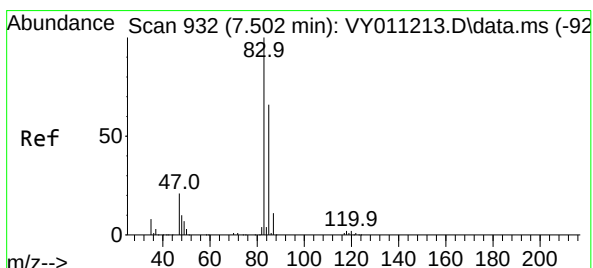
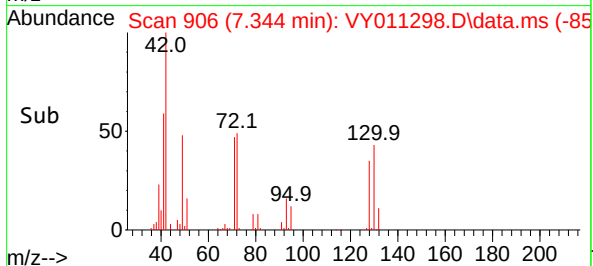
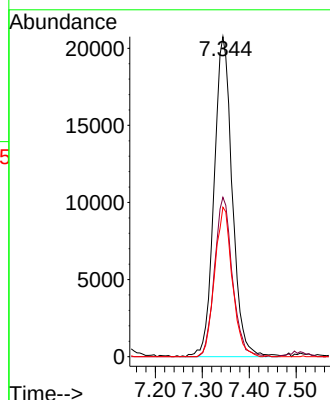
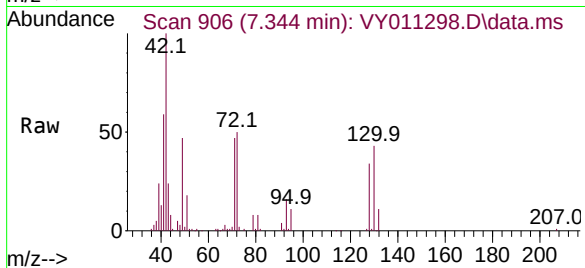
Tgt Ion: 42 Resp: 55631

Ion Ratio Lower Upper

42 100

72 48.9 30.3 45.5#

71 45.4 29.0 43.4#



#30

Chloroform

Concen: 20.532 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY011298.D

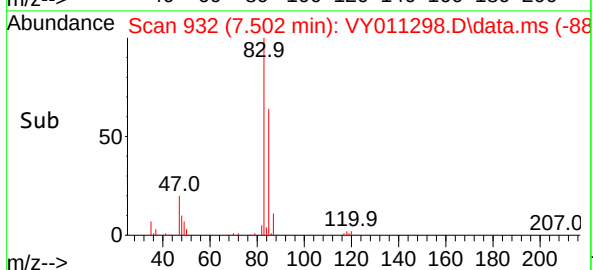
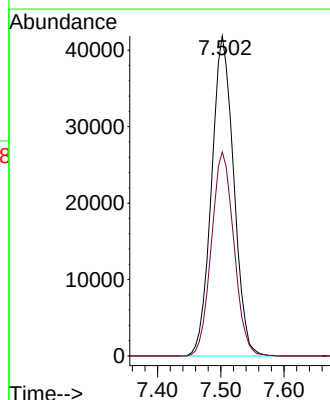
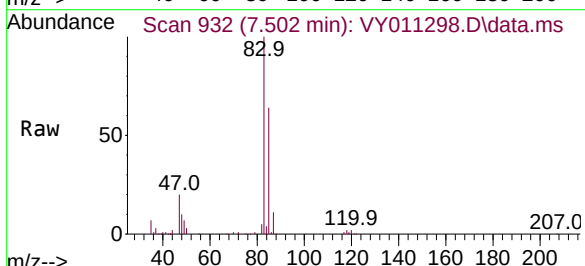
Acq: 04 Nov 2022 15:38

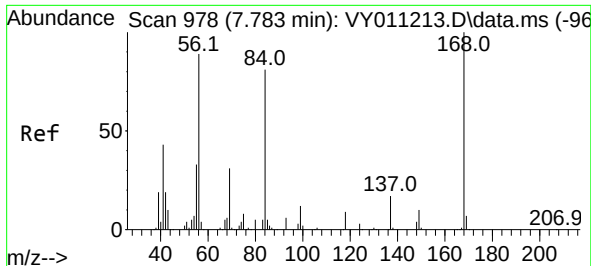
Tgt Ion: 83 Resp: 101811

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

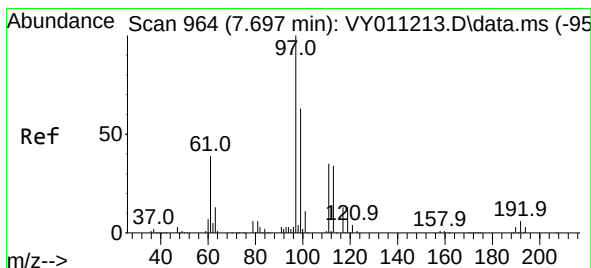
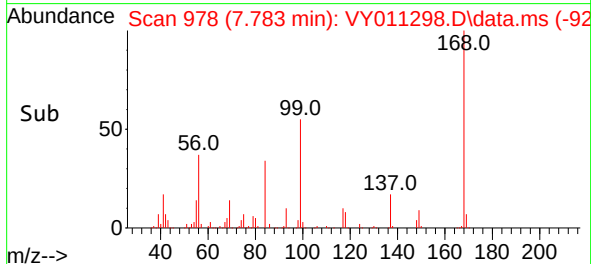
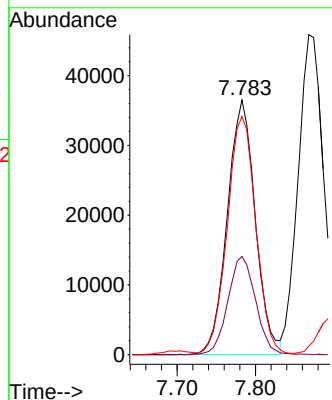
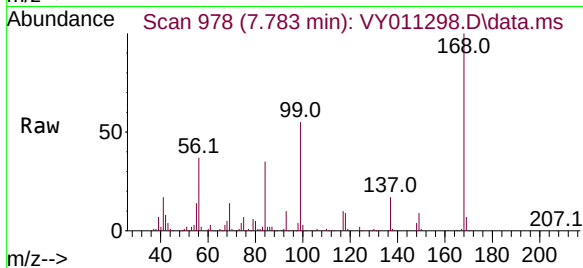




#31
Cyclohexane
Concen: 19.952 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

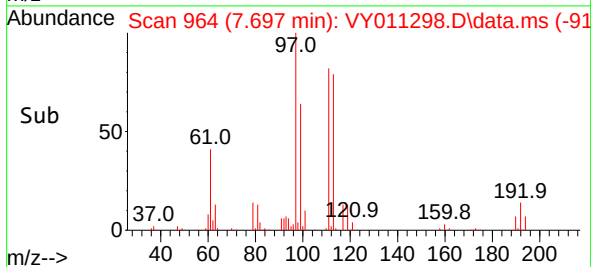
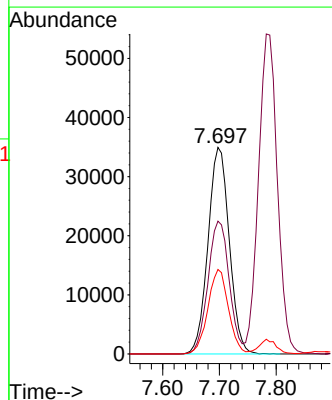
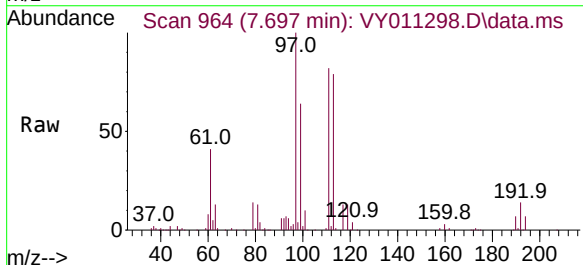
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

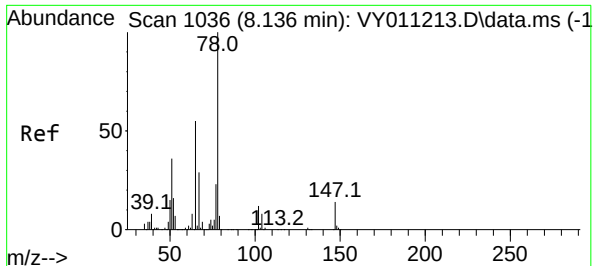
Tgt Ion: 56 Resp: 90769
Ion Ratio Lower Upper
56 100
69 38.4 26.7 40.1
84 92.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.671 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 97 Resp: 90916
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 39.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.043 ug/l

RT: 8.136 min Scan# 113011

Delta R.T. 0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

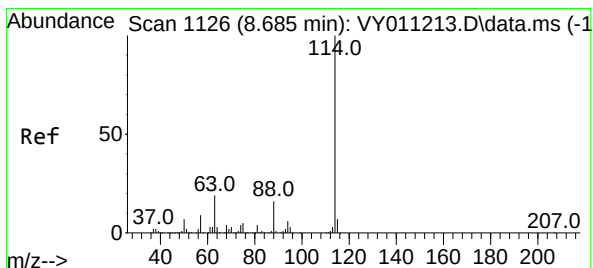
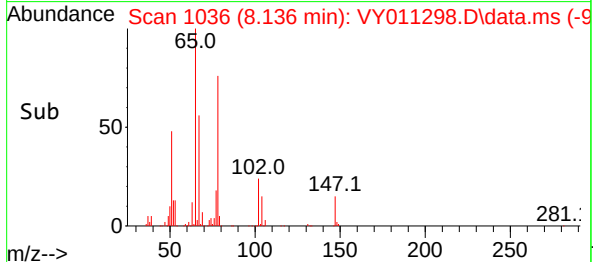
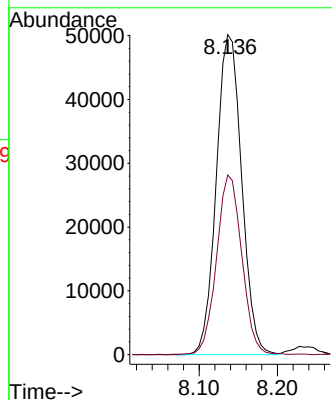
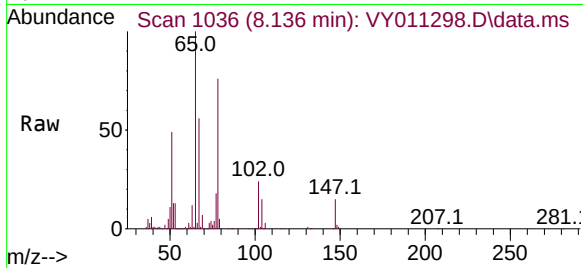
VY1104SBS01

Tgt Ion: 65 Resp: 113011

Ion Ratio Lower Upper

65 100

67 55.9 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: VY011298.D

Acq: 04 Nov 2022 15:38

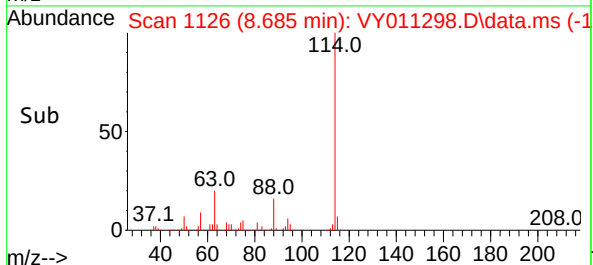
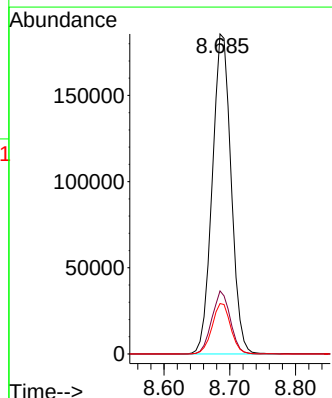
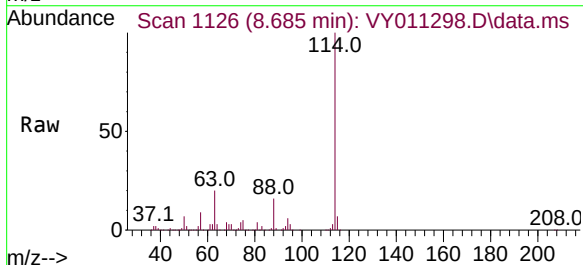
Tgt Ion: 114 Resp: 369735

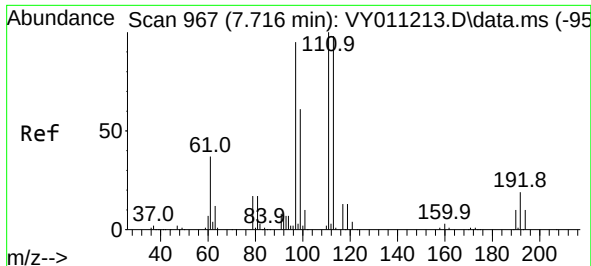
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.7 0.0 31.8

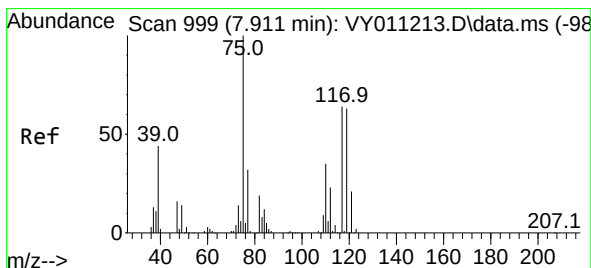
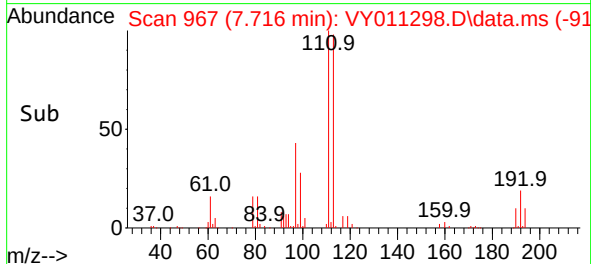
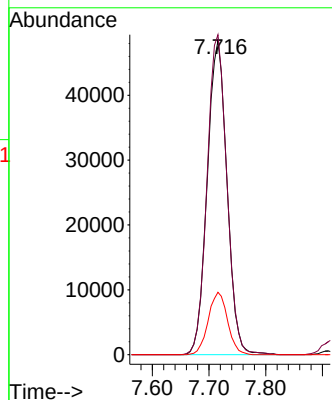
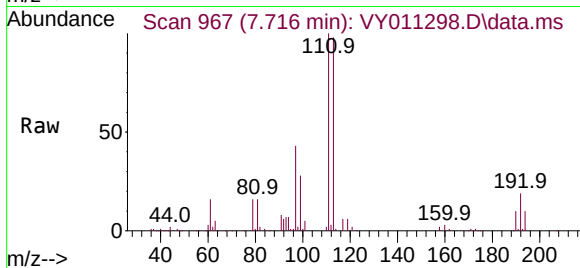




#35
Dibromofluoromethane
Concen: 49.327 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

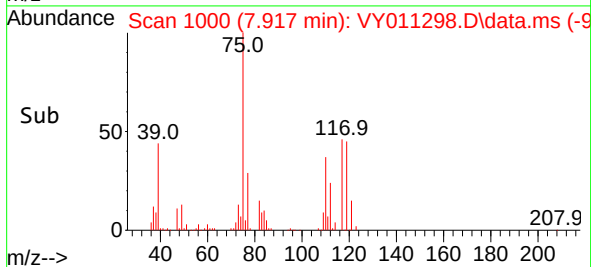
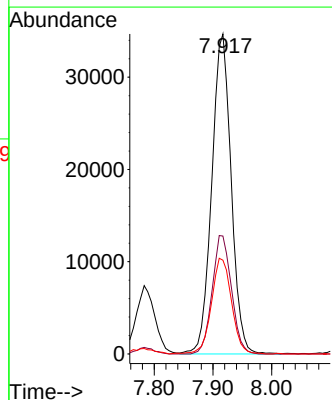
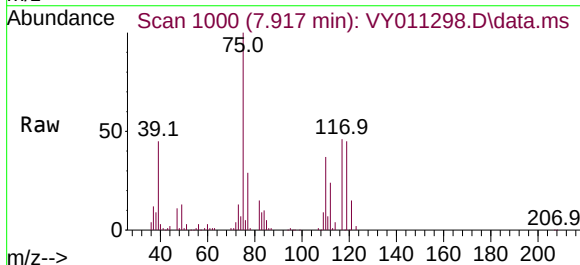
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

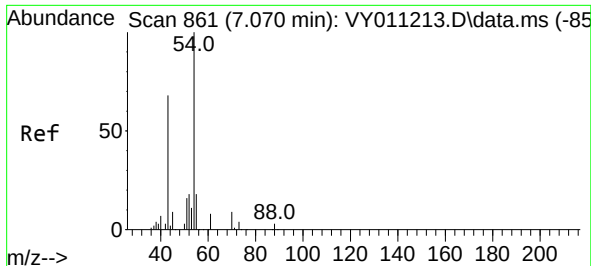
Tgt Ion:113 Resp: 117177
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.524 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 75 Resp: 79620
Ion Ratio Lower Upper
75 100
110 36.7 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 19.091 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

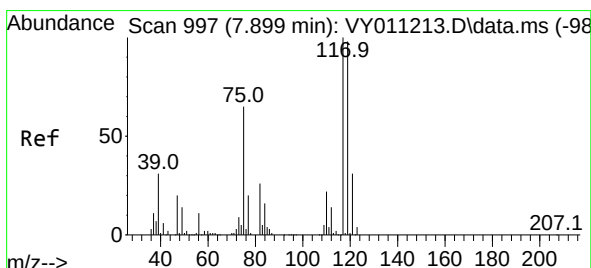
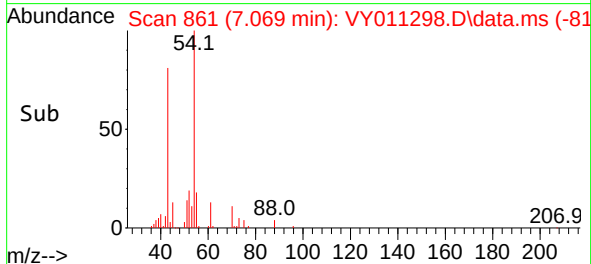
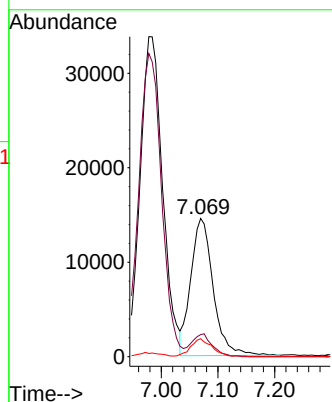
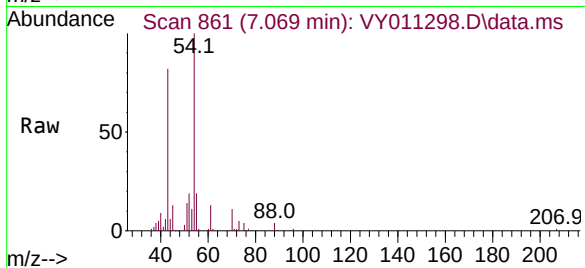
Tgt Ion: 43 Resp: 39924

Ion Ratio Lower Upper

43 100

61 15.4 9.7 14.5#

70 11.6 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.460 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

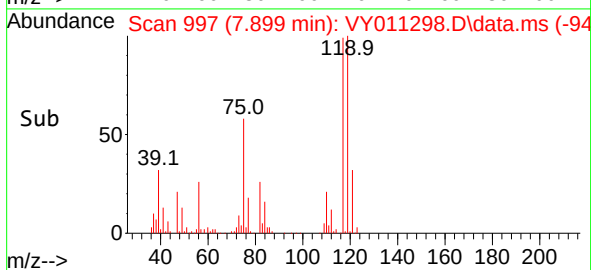
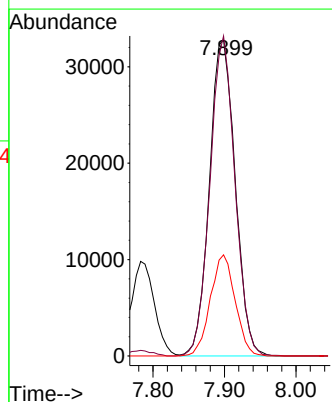
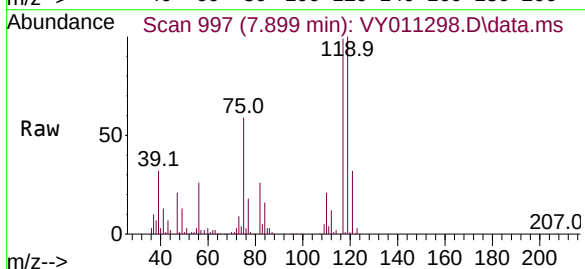
Tgt Ion: 117 Resp: 82345

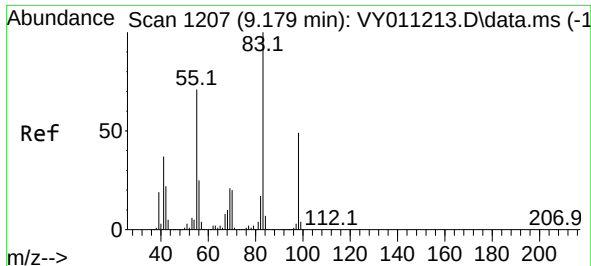
Ion Ratio Lower Upper

117 100

119 101.1 77.9 116.9

121 32.0 24.8 37.2





#39

Methylcyclohexane

Concen: 20.786 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

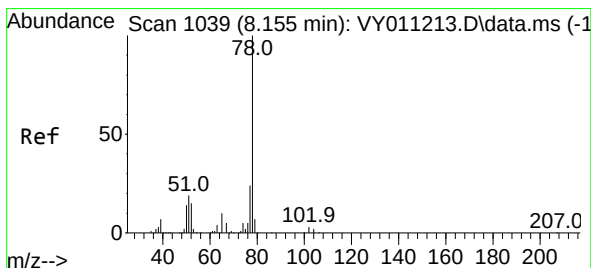
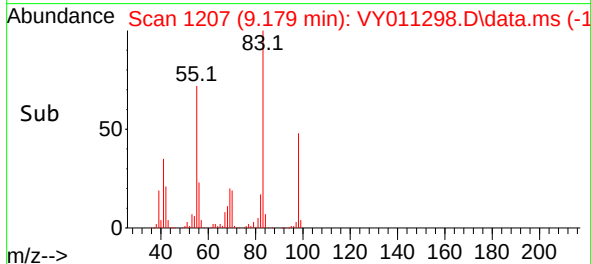
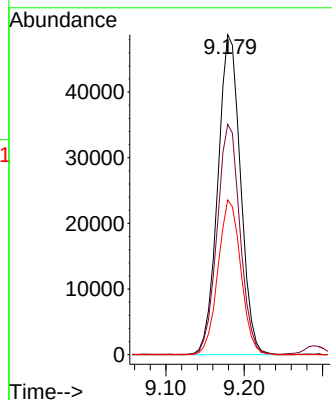
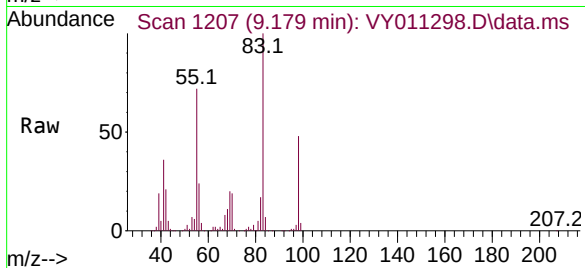
Tgt Ion: 83 Resp: 98103

Ion Ratio Lower Upper

83 100

55 71.9 66.5 99.7

98 48.3 37.9 56.9



#40

Benzene

Concen: 20.521 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY011298.D

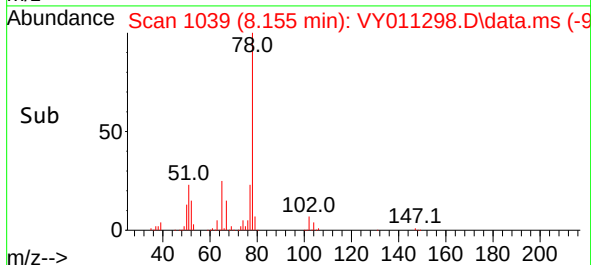
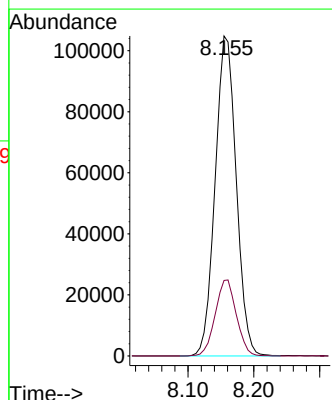
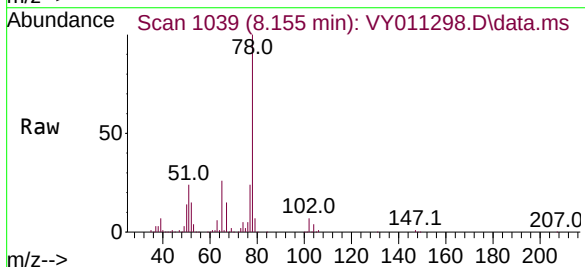
Acq: 04 Nov 2022 15:38

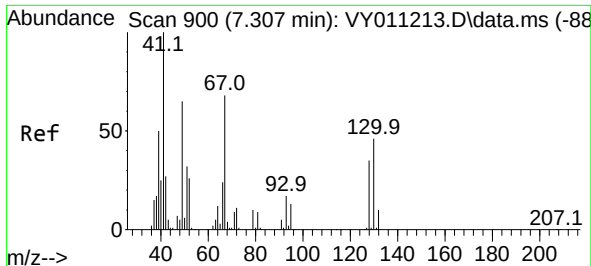
Tgt Ion: 78 Resp: 233972

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6

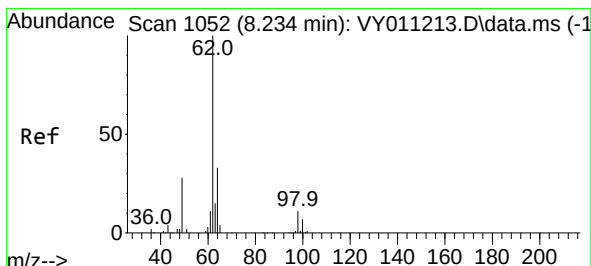
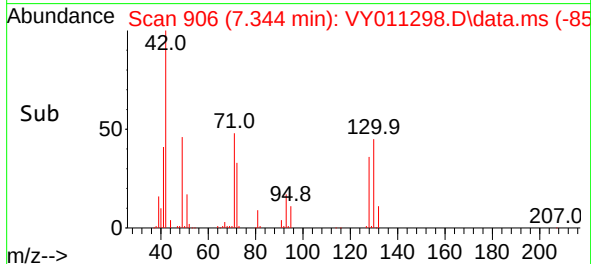
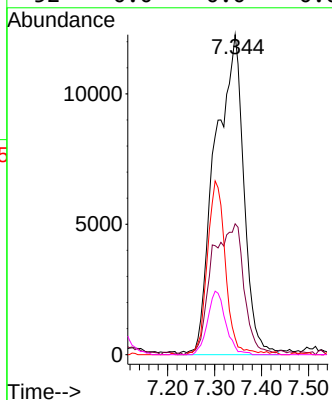
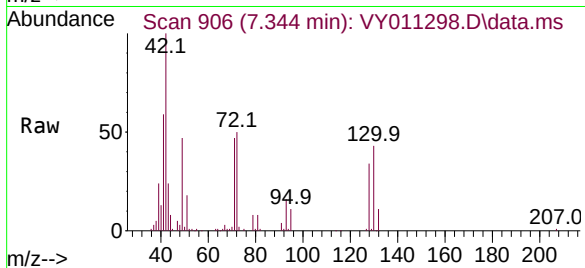




#41
Methacrylonitrile
Concen: 45.566 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

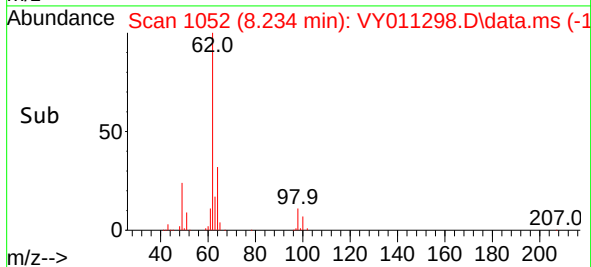
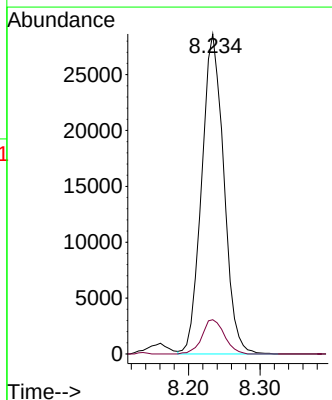
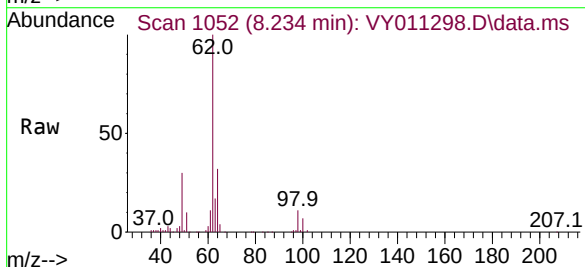
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

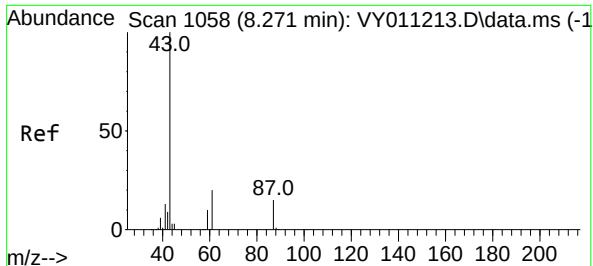
Tgt Ion: 41 Resp: 51777
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.870 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 62 Resp: 61519
Ion Ratio Lower Upper
62 100
98 10.9 0.0 14.8





#43

Isopropyl Acetate

Concen: 19.137 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.001 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

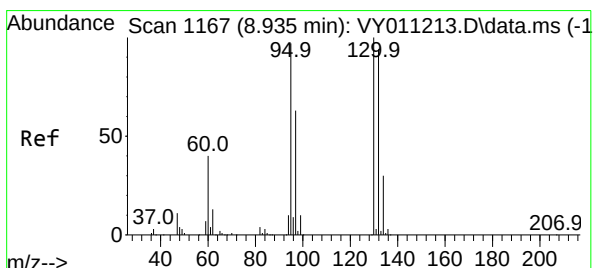
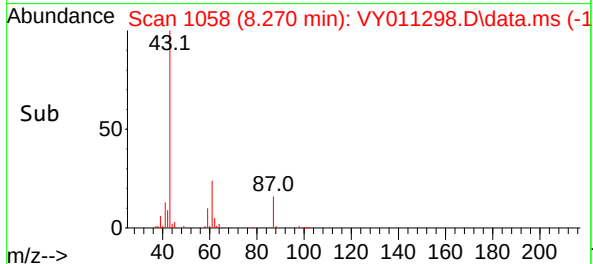
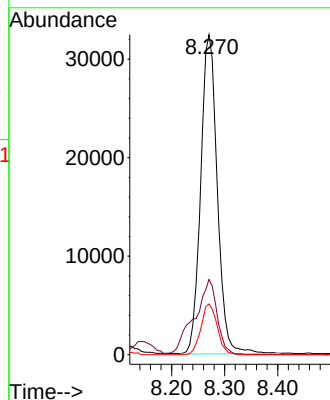
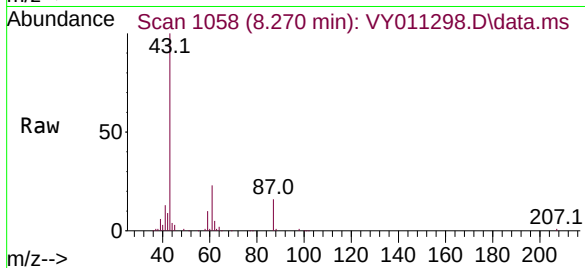
Tgt Ion: 43 Resp: 70509

Ion Ratio Lower Upper

43 100

61 32.1 20.2 30.2#

87 15.5 8.9 13.3#



#44

Trichloroethene

Concen: 20.774 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY011298.D

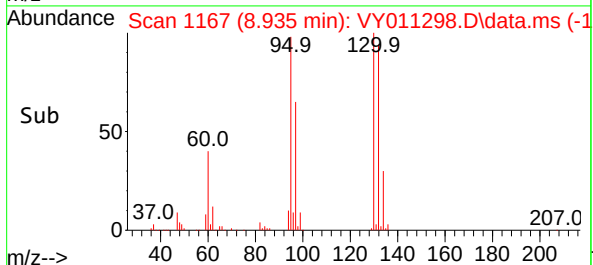
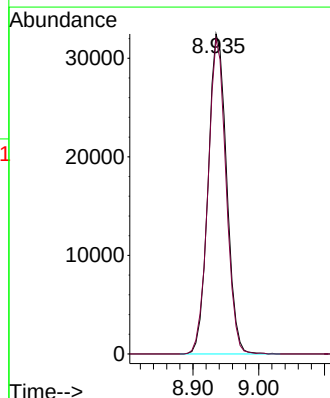
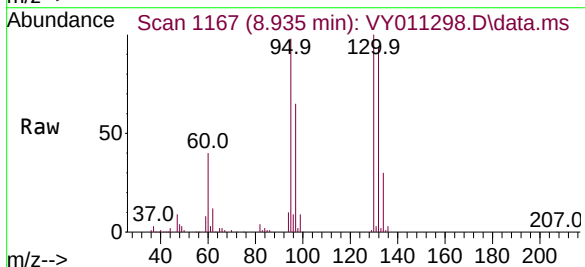
Acq: 04 Nov 2022 15:38

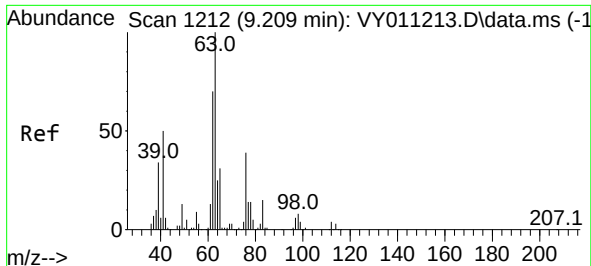
Tgt Ion:130 Resp: 63386

Ion Ratio Lower Upper

130 100

95 98.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.170 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

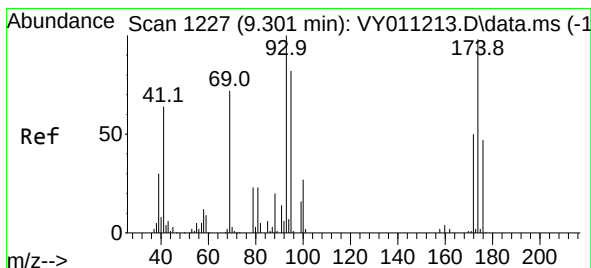
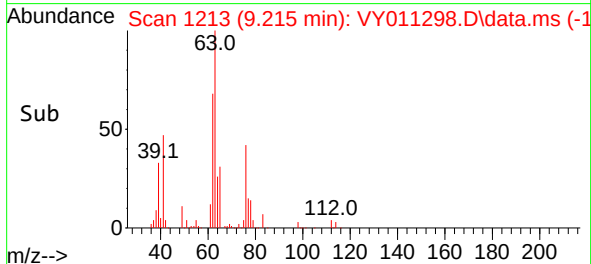
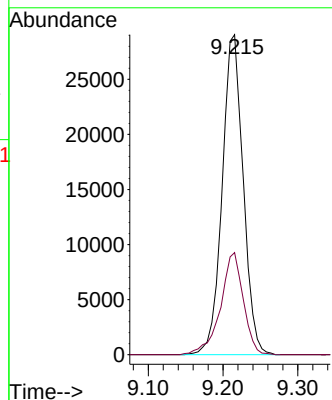
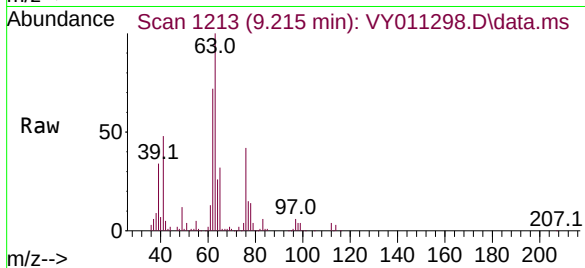
VY1104SBS01

Tgt Ion: 63 Resp: 56854

Ion Ratio Lower Upper

63 100

65 31.9 23.0 34.6



#46

Dibromomethane

Concen: 19.880 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

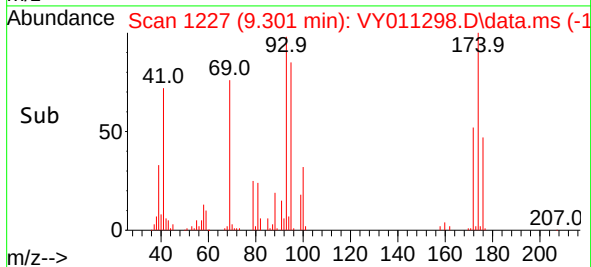
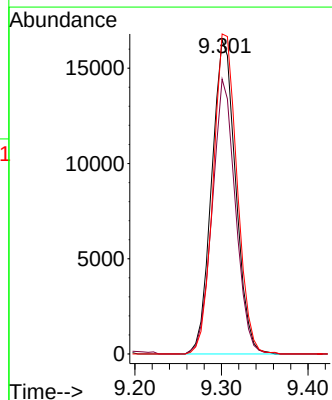
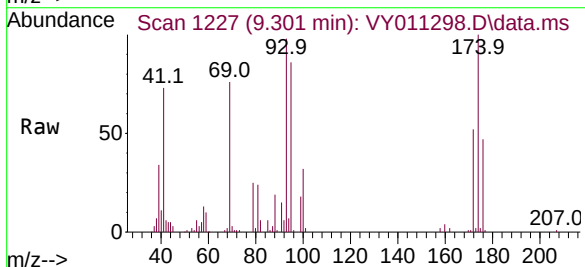
Tgt Ion: 93 Resp: 31662

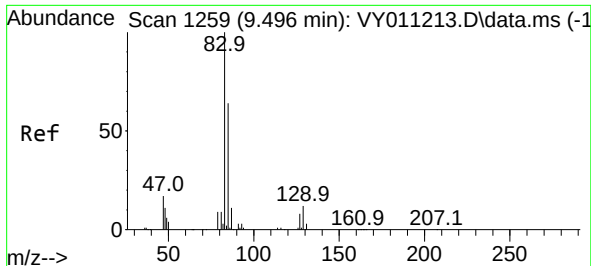
Ion Ratio Lower Upper

93 100

95 84.4 64.3 96.5

174 101.6 83.4 125.0





#47

Bromodichloromethane

Concen: 20.631 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

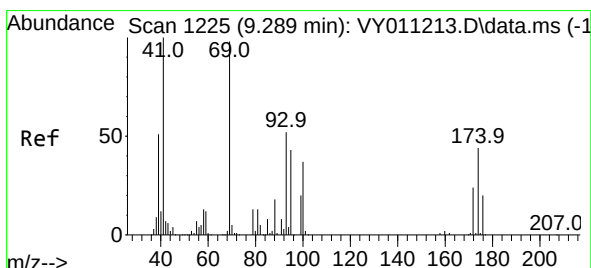
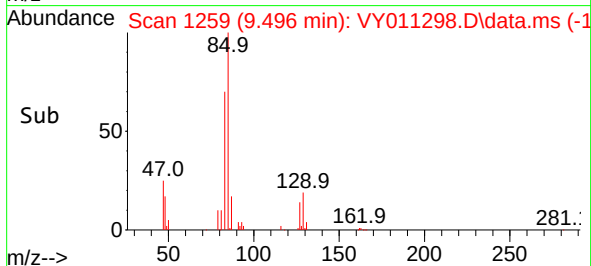
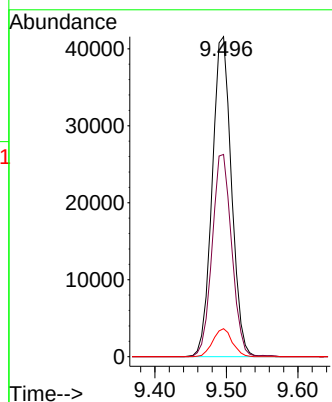
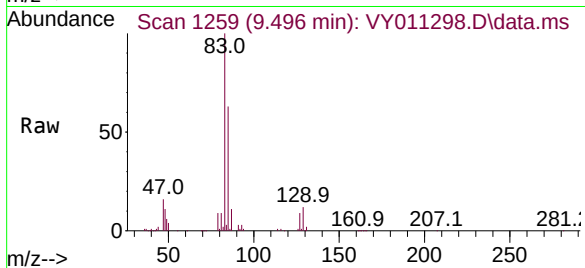
Tgt Ion: 83 Resp: 77889

Ion Ratio Lower Upper

83 100

85 63.2 51.9 77.9

127 8.7 6.6 10.0



#48

Methyl methacrylate

Concen: 18.891 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

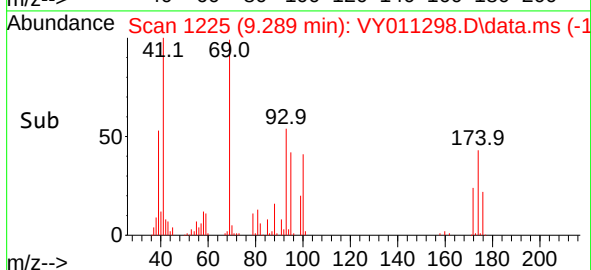
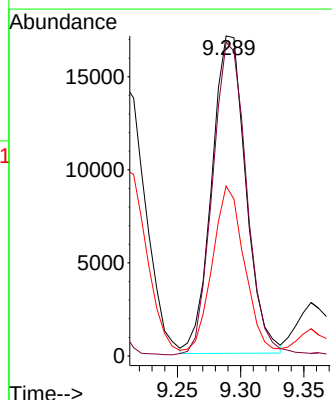
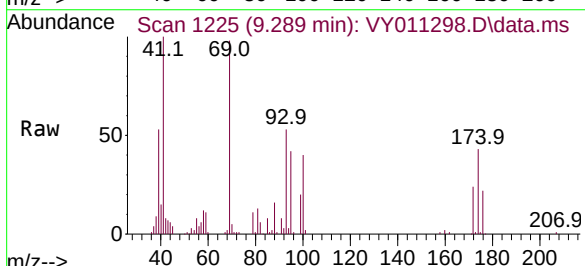
Tgt Ion: 41 Resp: 31971

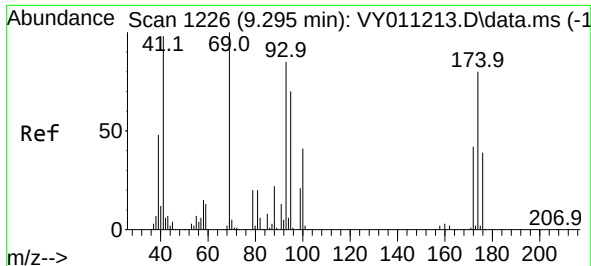
Ion Ratio Lower Upper

41 100

69 98.7 58.2 87.2#

39 48.1 47.4 71.0





#49

1,4-Dioxane

Concen: 376.935 ug/l

RT: 9.295 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

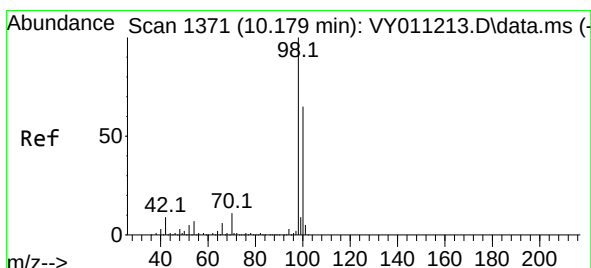
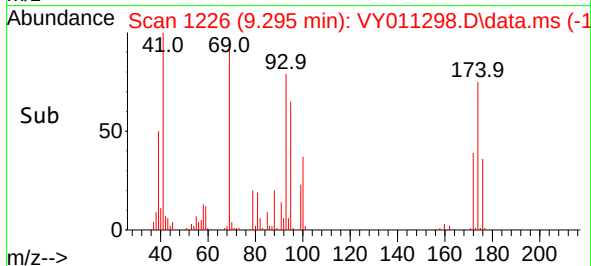
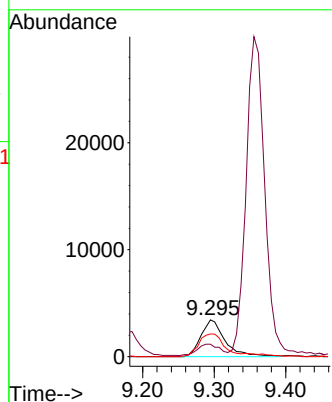
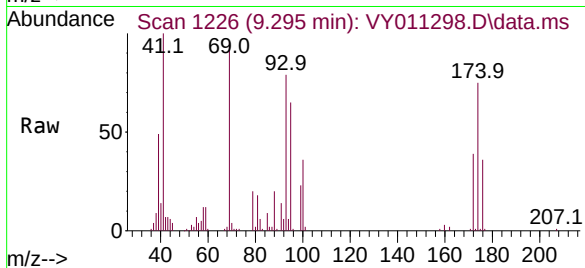
Tgt Ion: 88 Resp: 8076

Ion Ratio Lower Upper

88 100

43 28.7 32.8 49.2#

58 72.5 59.8 89.6



#50

Toluene-d8

Concen: 47.838 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011298.D

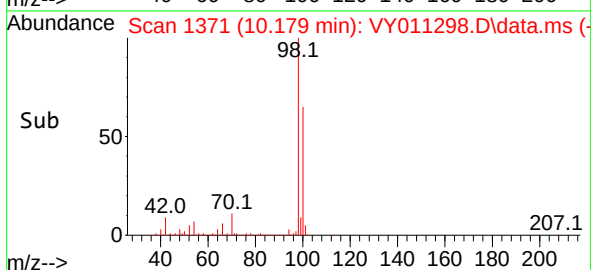
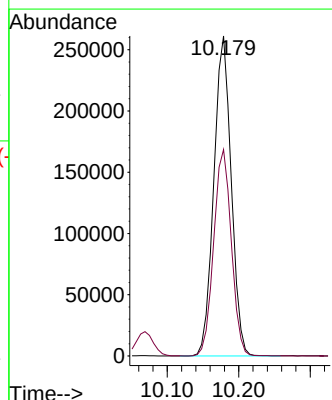
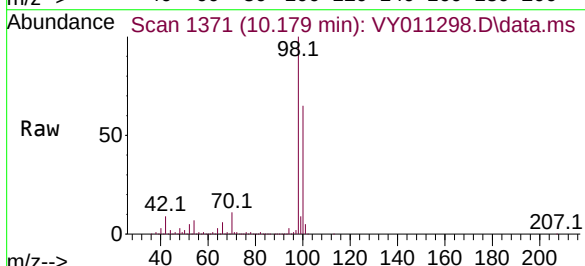
Acq: 04 Nov 2022 15:38

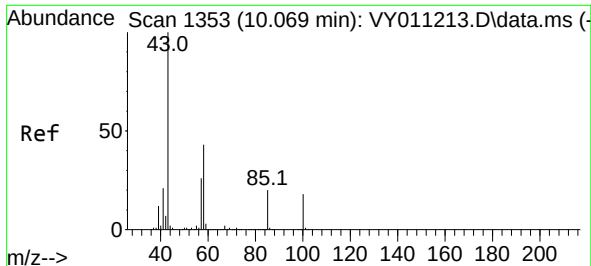
Tgt Ion: 98 Resp: 441222

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2

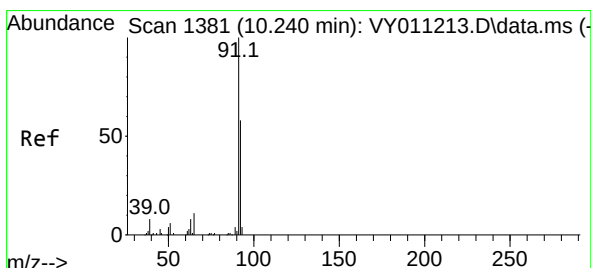
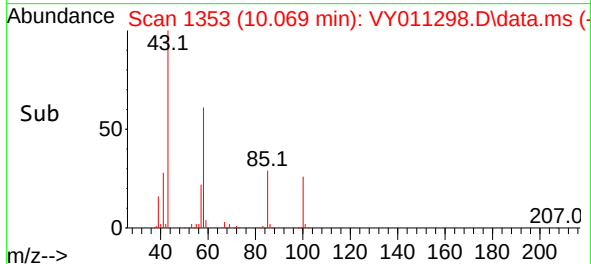
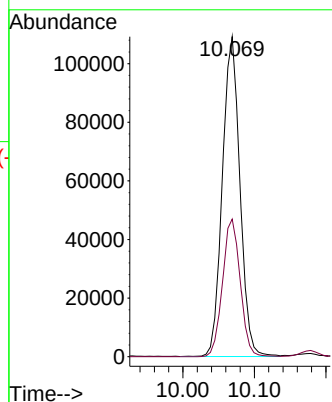
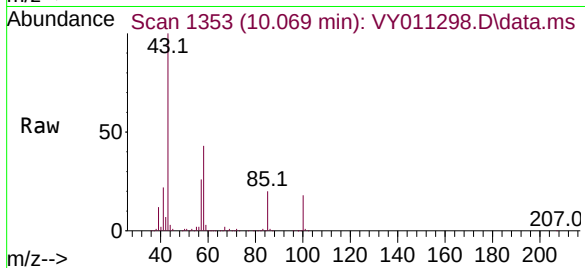




#51
4-Methyl-2-Pentanone
Concen: 92.987 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

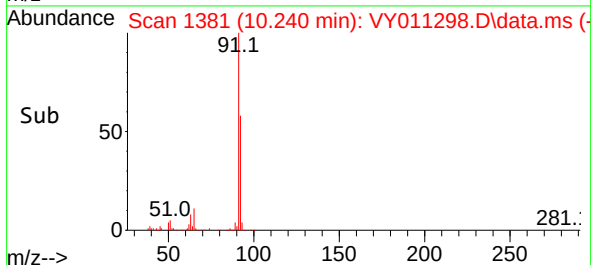
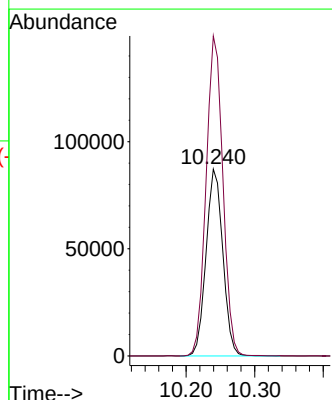
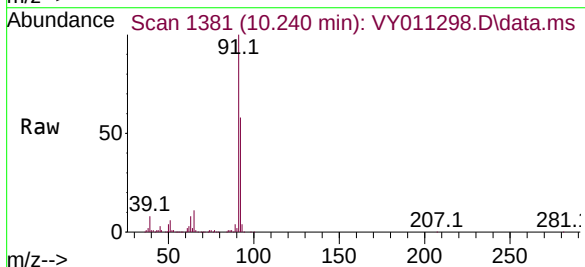
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

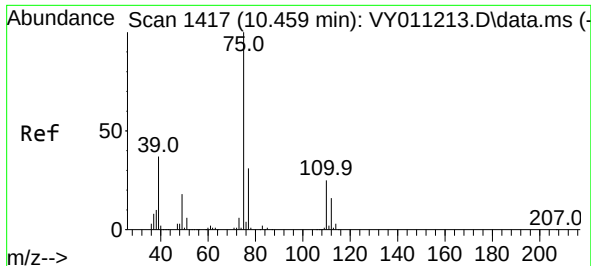
Tgt Ion: 43 Resp: 186288
Ion Ratio Lower Upper
43 100
58 43.3 28.1 42.1#



#52
Toluene
Concen: 21.008 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 92 Resp: 148518
Ion Ratio Lower Upper
92 100
91 171.4 142.6 213.8

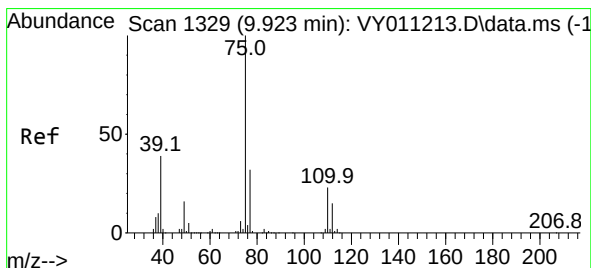
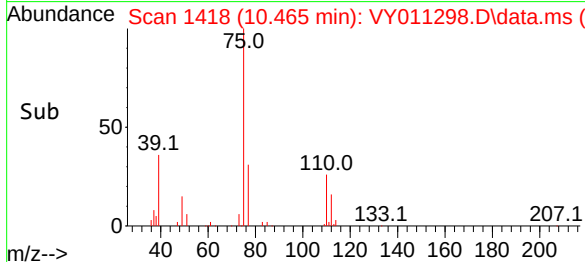
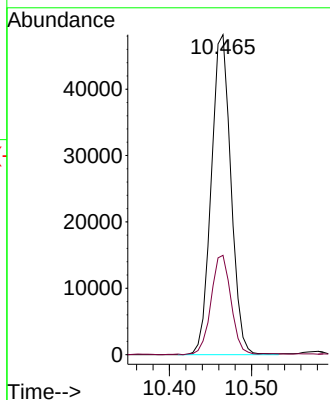
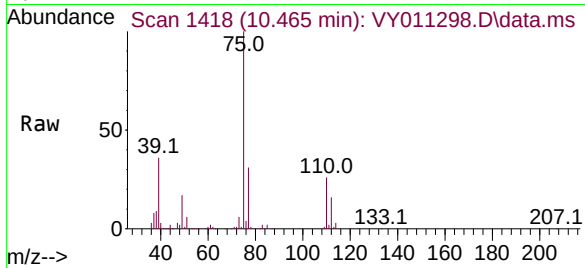




#53
 t-1,3-Dichloropropene
 Concen: 20.138 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY011298.D
 Acq: 04 Nov 2022 15:38

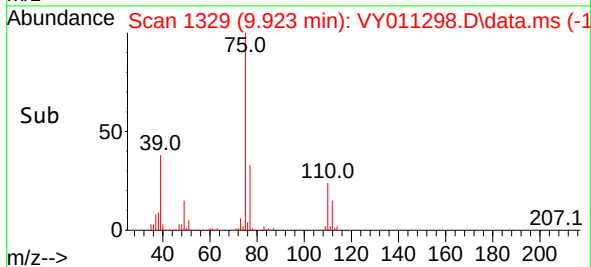
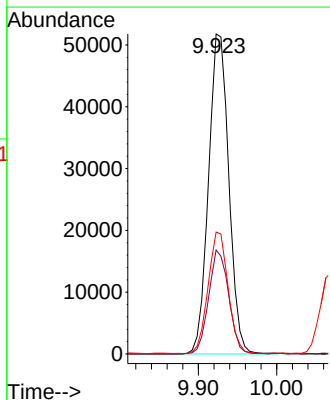
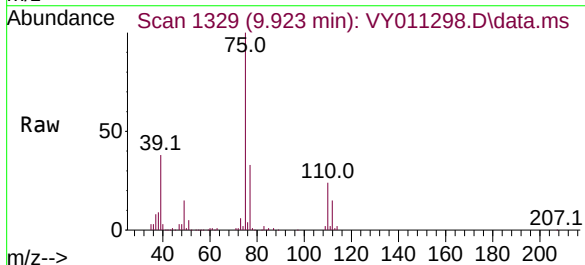
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

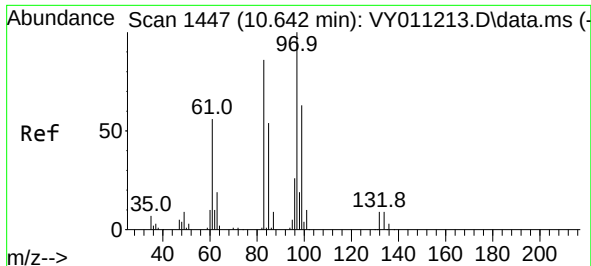
Tgt Ion: 75 Resp: 80068
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.467 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY011298.D
 Acq: 04 Nov 2022 15:38

Tgt Ion: 75 Resp: 93113
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4
 39 37.9 47.6 71.4#

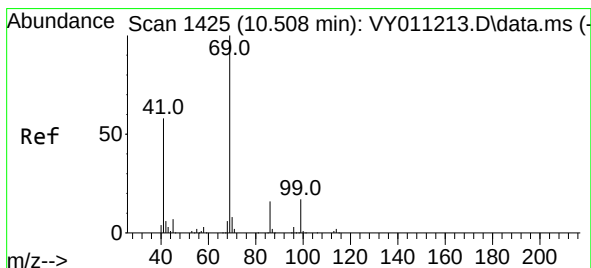
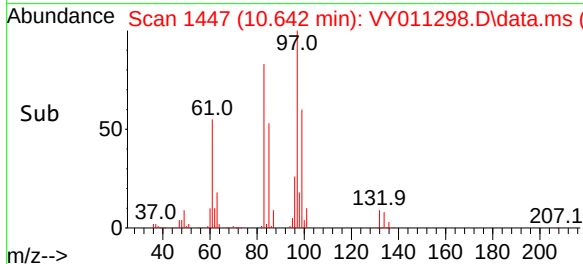
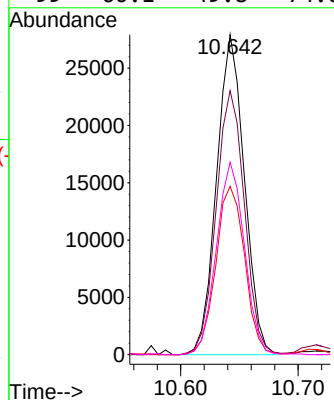
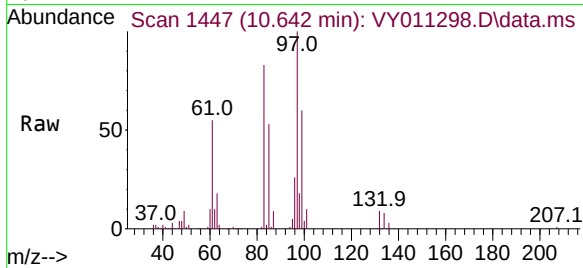




#55
1,1,2-Trichloroethane
Concen: 20.129 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

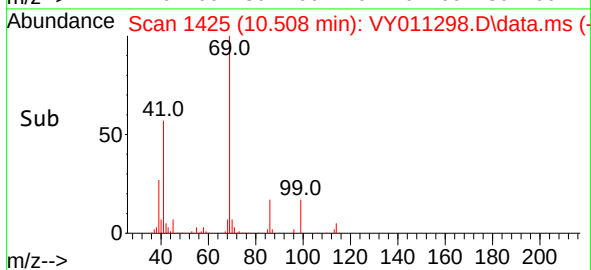
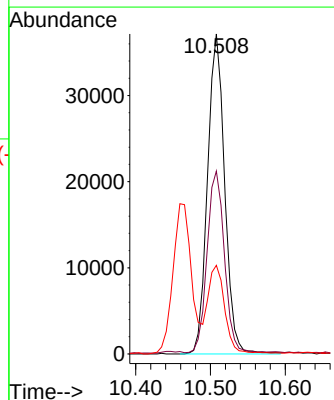
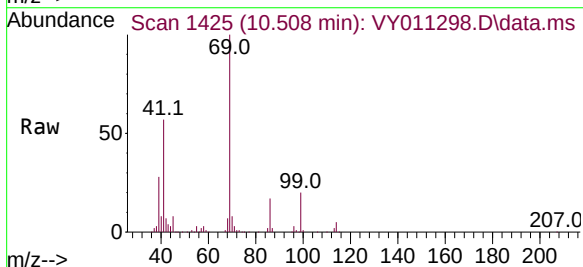
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

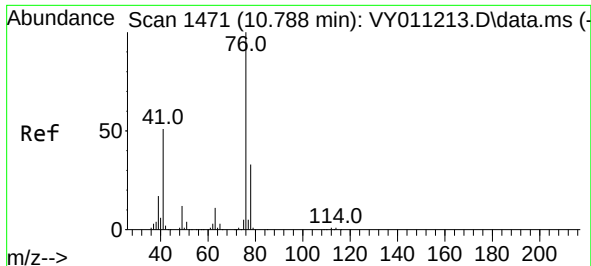
Tgt Ion:	97	Resp:	45945
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.8	104.8
85	52.6	44.3	66.5
99	60.1	49.8	74.6



#56
Ethyl methacrylate
Concen: 19.660 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion:	69	Resp:	59276
Ion	Ratio	Lower	Upper
69	100		
41	57.2	63.4	95.0#
39	26.4	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 20.137 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

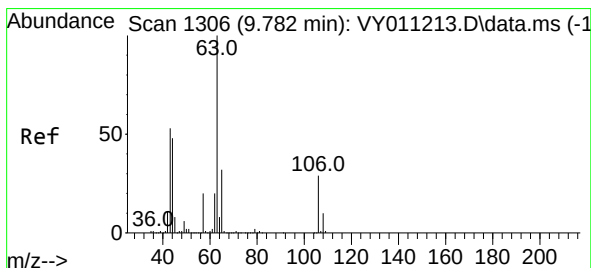
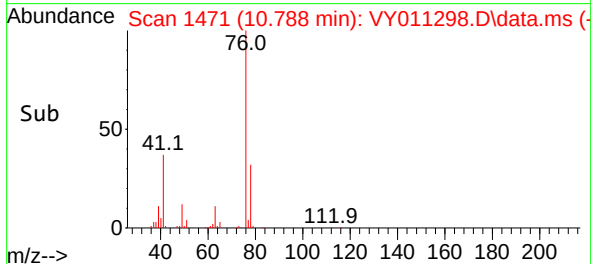
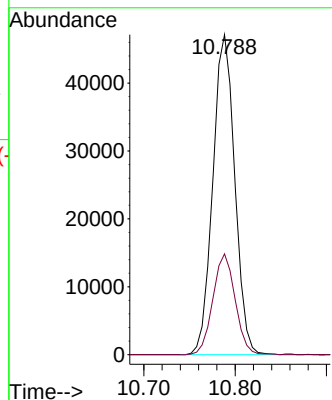
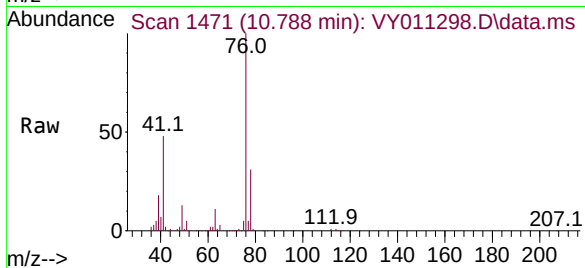
VY1104SBS01

Tgt Ion: 76 Resp: 78677

Ion Ratio Lower Upper

76 100

78 31.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.966 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011298.D

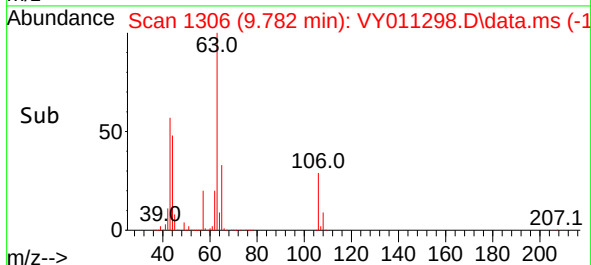
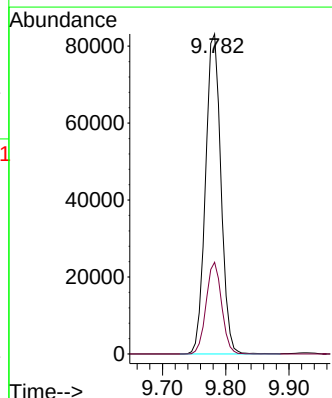
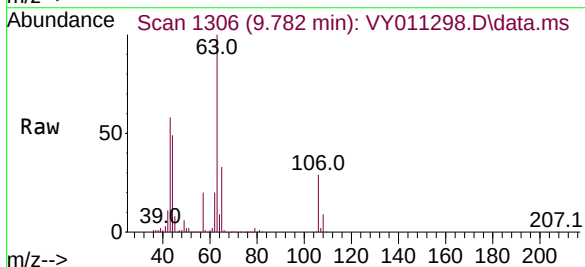
Acq: 04 Nov 2022 15:38

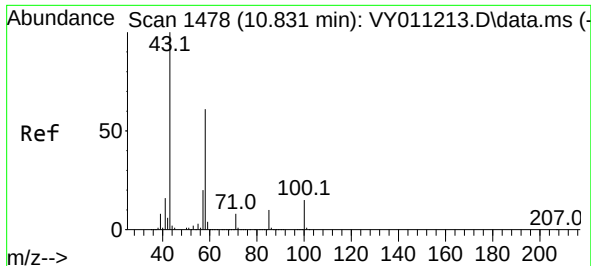
Tgt Ion: 63 Resp: 141299

Ion Ratio Lower Upper

63 100

106 28.7 21.5 32.3

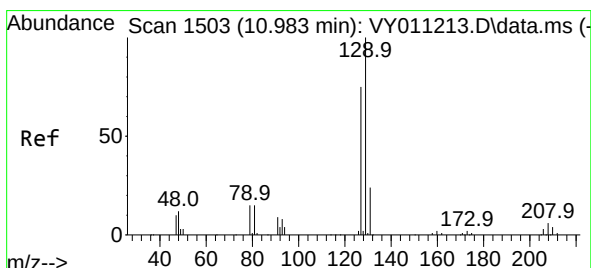
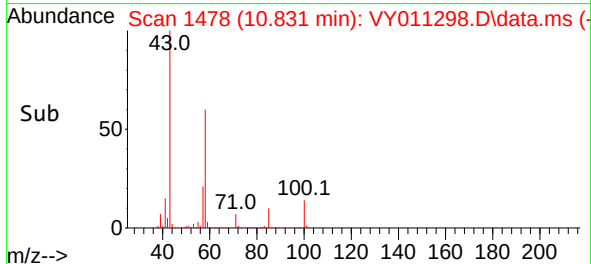
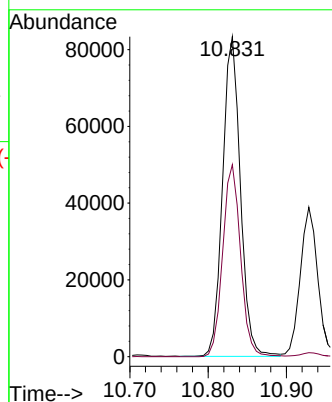
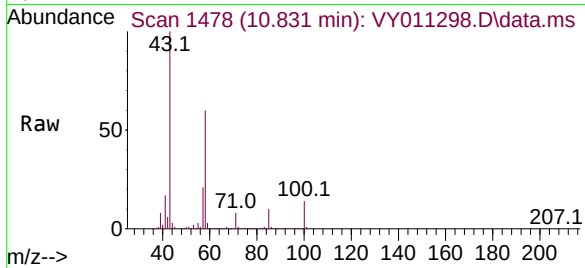




#59
2-Hexanone
Concen: 92.288 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

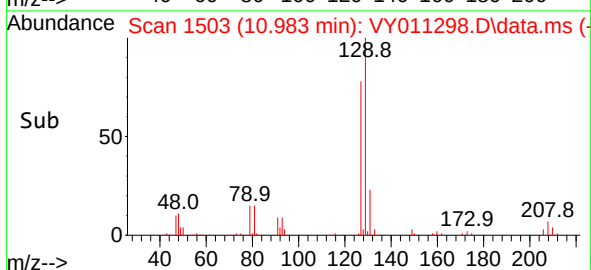
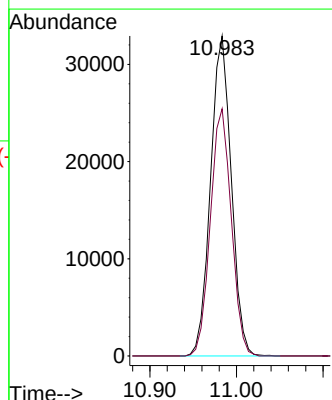
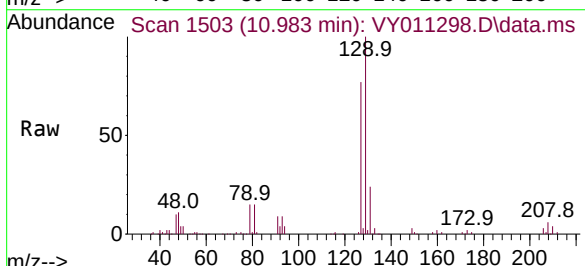
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

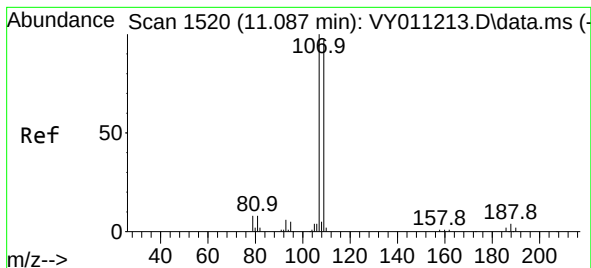
Tgt Ion: 43 Resp: 131995
Ion Ratio Lower Upper
43 100
58 60.2 24.4 73.4



#60
Dibromochloromethane
Concen: 20.181 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 129 Resp: 54732
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.834 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

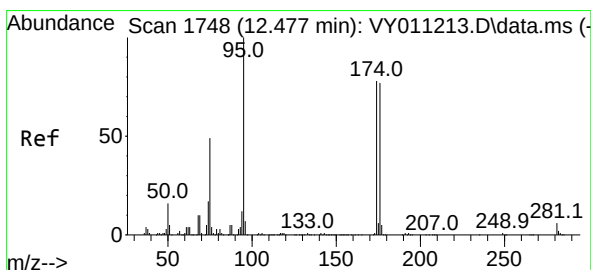
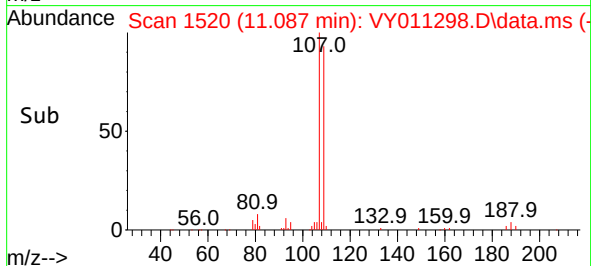
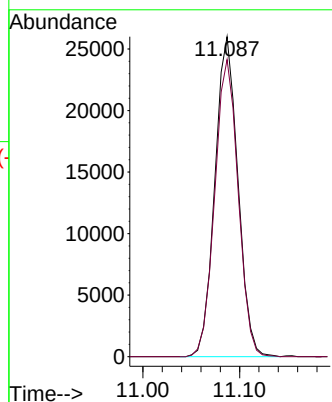
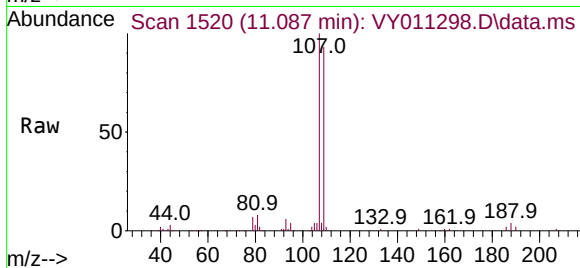
VY1104SBS01

Tgt Ion:107 Resp: 42981

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.772 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

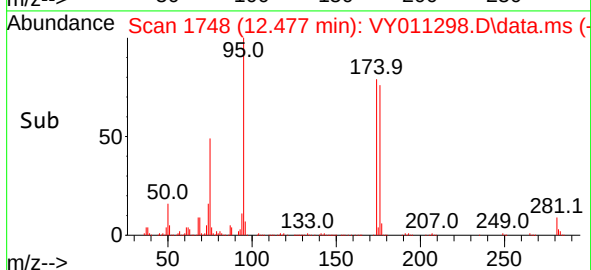
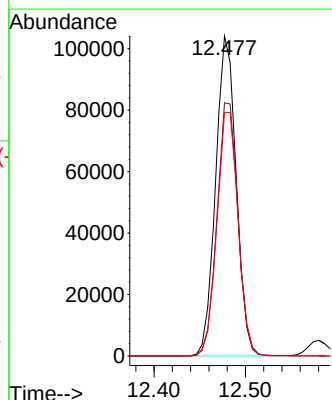
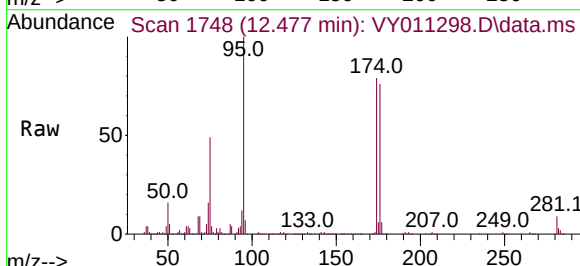
Tgt Ion: 95 Resp: 162570

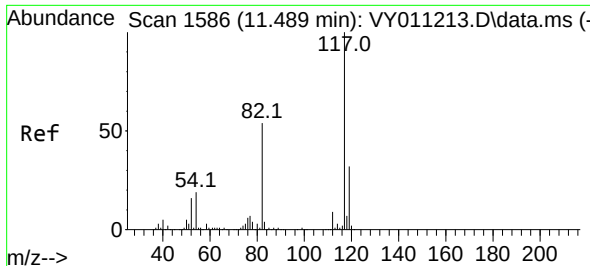
Ion Ratio Lower Upper

95 100

174 81.3 0.0 177.0

176 78.3 0.0 175.8

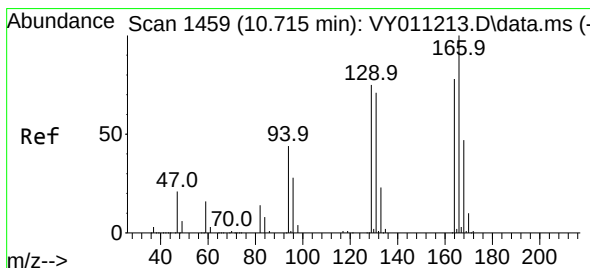
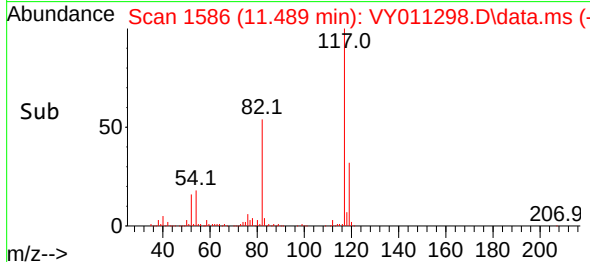
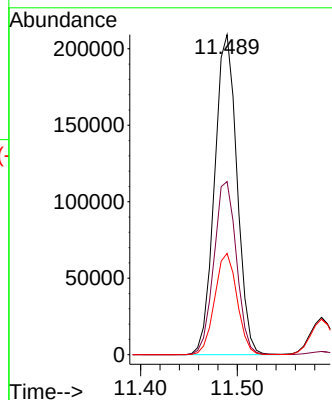
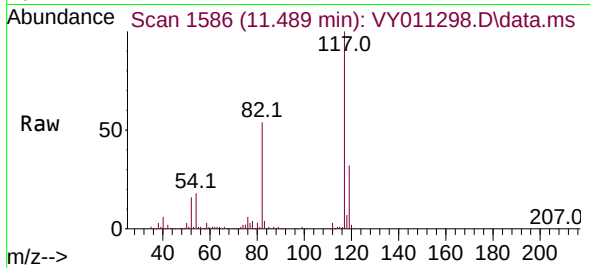




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

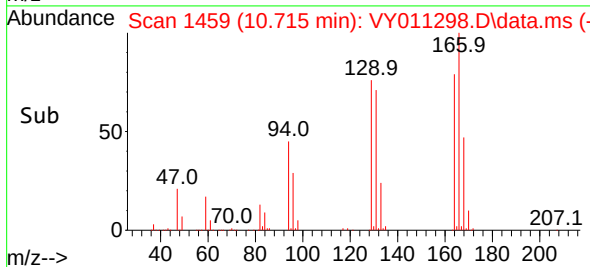
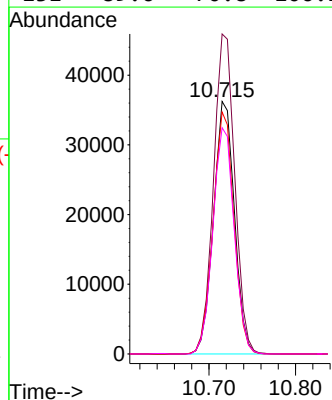
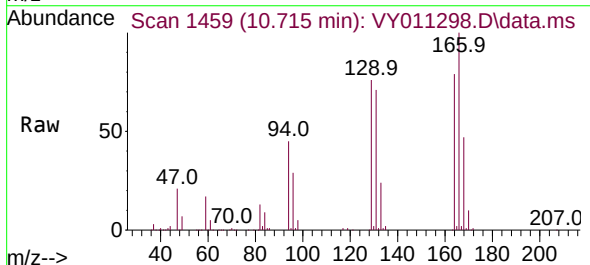
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

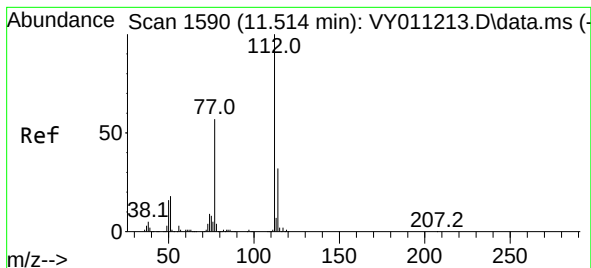
Tgt Ion:117 Resp: 336987
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 21.259 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion:164 Resp: 60853
Ion Ratio Lower Upper
164 100
166 126.7 100.4 150.6
129 95.8 71.4 107.0
131 89.6 70.8 106.2





#65

Chlorobenzene

Concen: 21.009 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

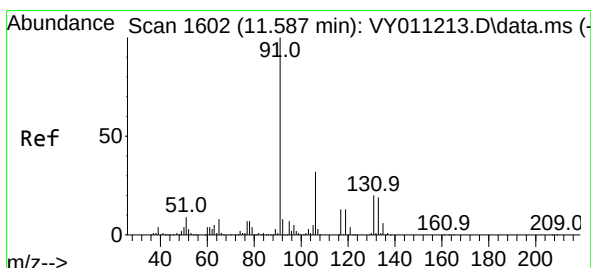
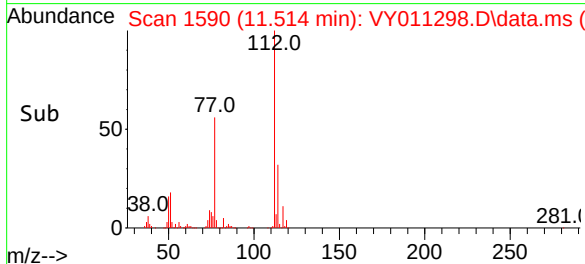
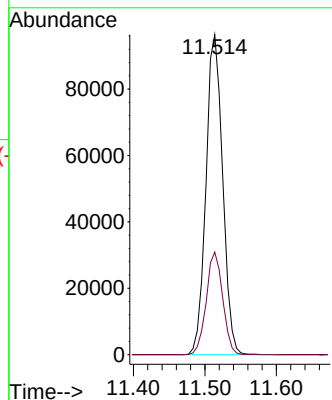
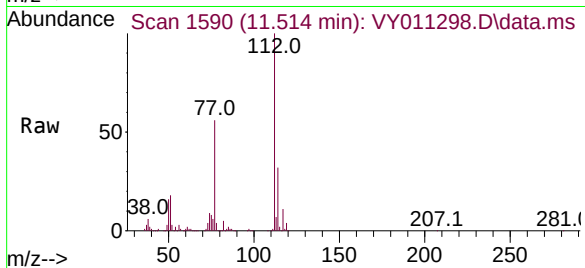
VY1104SBS01

Tgt Ion:112 Resp: 156197

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.910 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

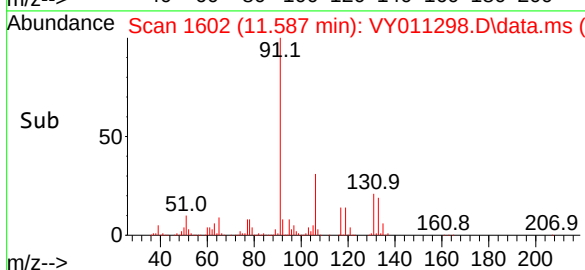
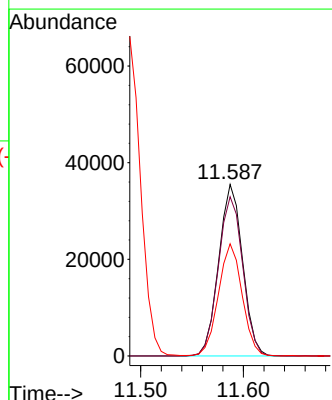
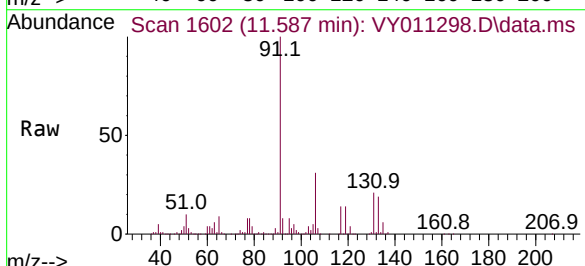
Tgt Ion:131 Resp: 57240

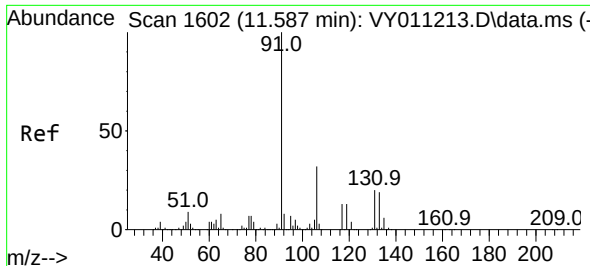
Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

119 65.1 30.8 92.3





#67

Ethyl Benzene

Concen: 21.071 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

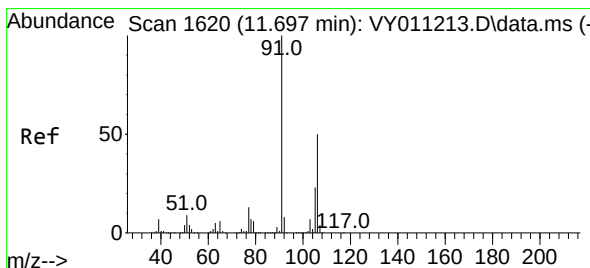
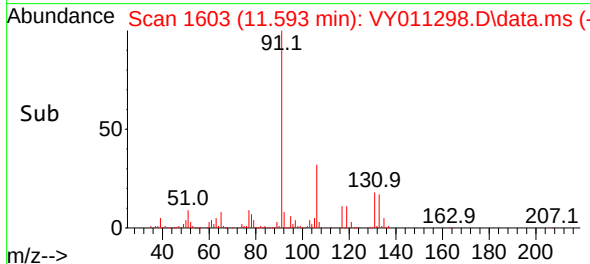
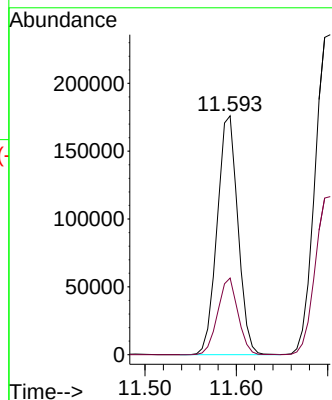
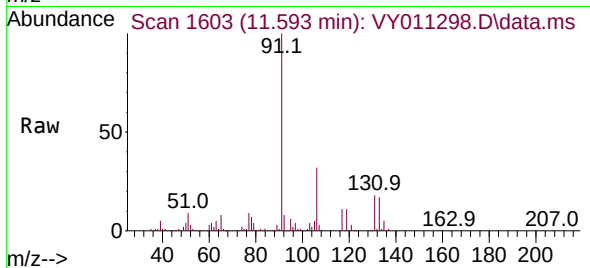
VY1104SBS01

Tgt Ion: 91 Resp: 277880

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 42.491 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011298.D

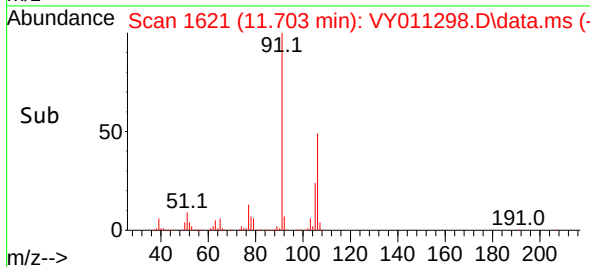
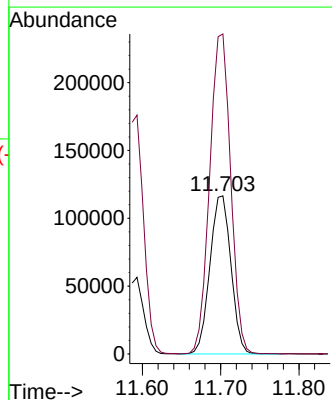
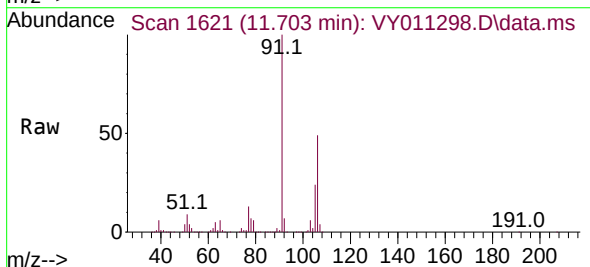
Acq: 04 Nov 2022 15:38

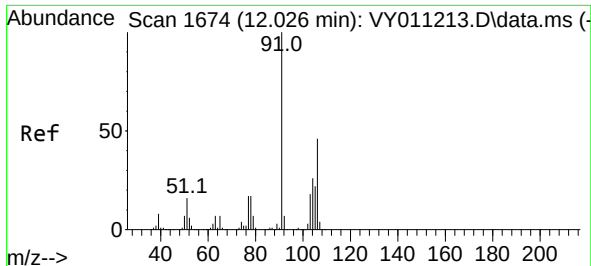
Tgt Ion:106 Resp: 217526

Ion Ratio Lower Upper

106 100

91 201.6 166.6 249.8

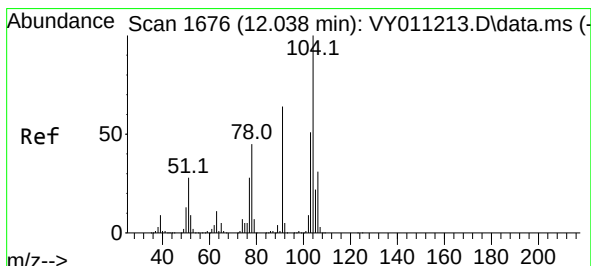
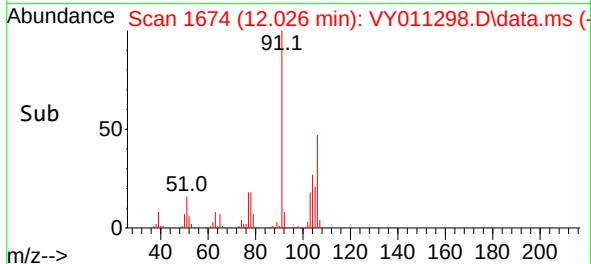
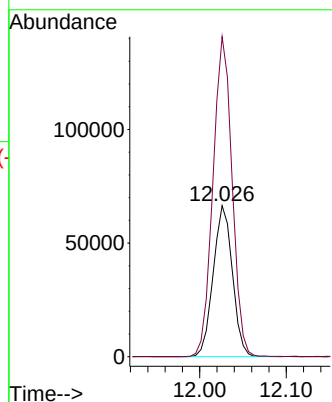
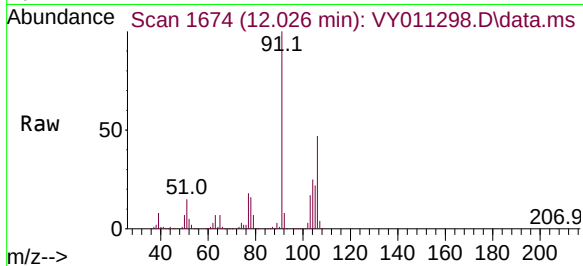




#69
o-Xylene
Concen: 21.323 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

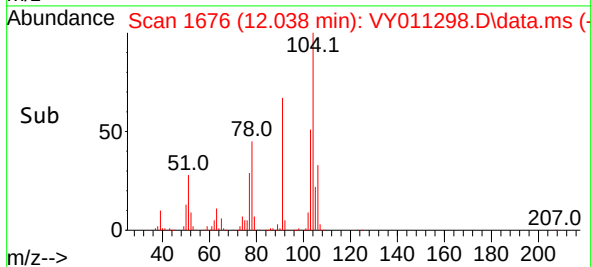
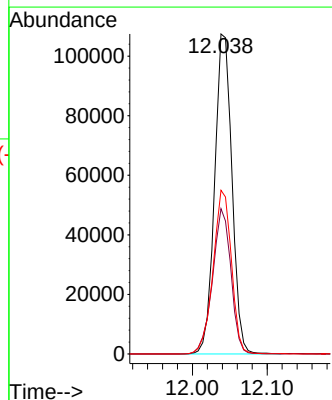
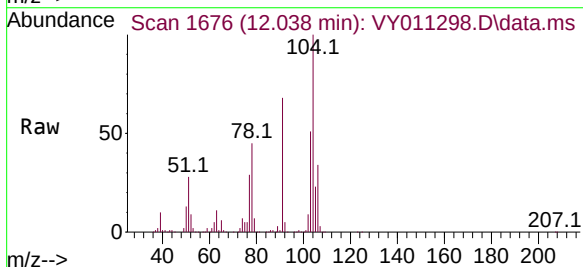
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

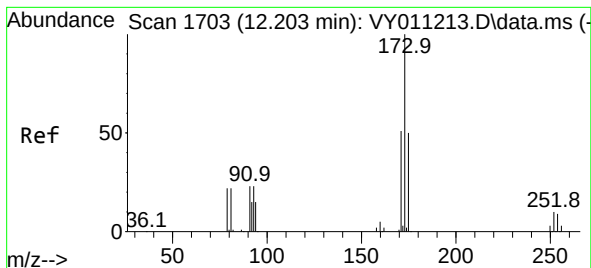
Tgt Ion:106 Resp: 102326
Ion Ratio Lower Upper
106 100
91 211.5 110.3 331.0



#70
Styrene
Concen: 21.274 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion:104 Resp: 173062
Ion Ratio Lower Upper
104 100
78 48.1 42.4 63.6
103 54.2 44.4 66.6





#71

Bromoform

Concen: 20.133 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

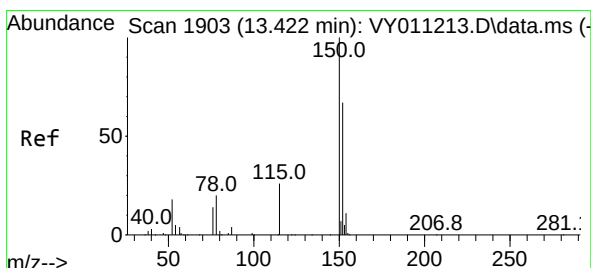
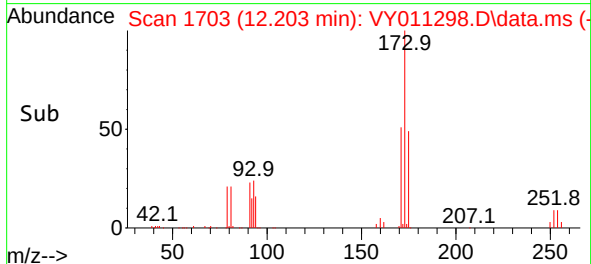
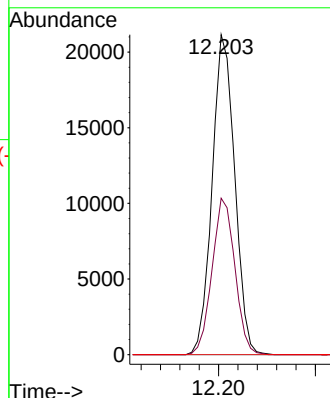
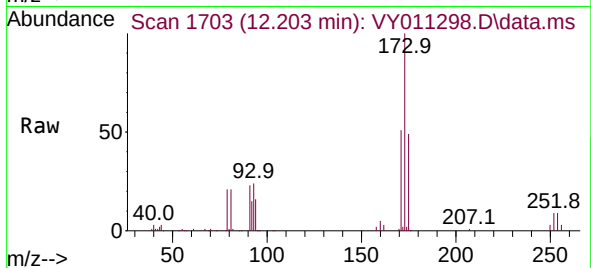
Tgt Ion:173 Resp: 34256

Ion Ratio Lower Upper

173 100

175 49.5 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: VY011298.D

Acq: 04 Nov 2022 15:38

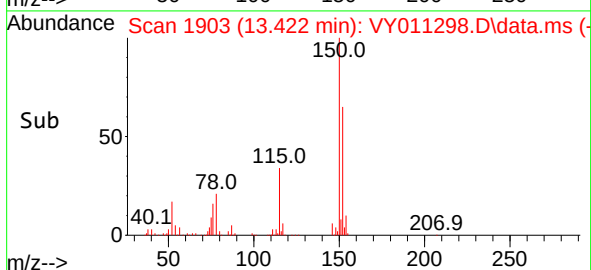
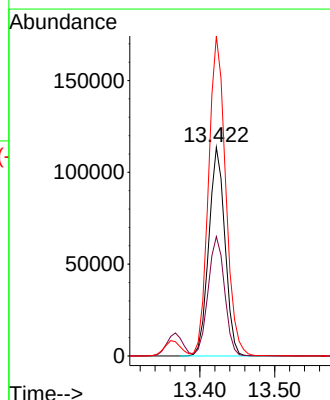
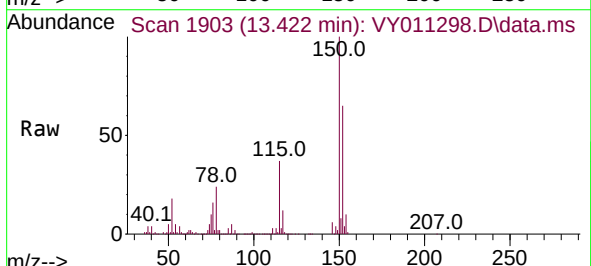
Tgt Ion:152 Resp: 170388

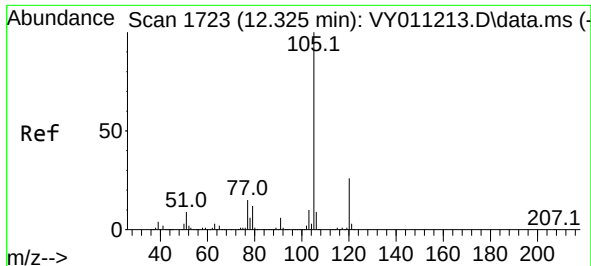
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 163.2 0.0 347.6

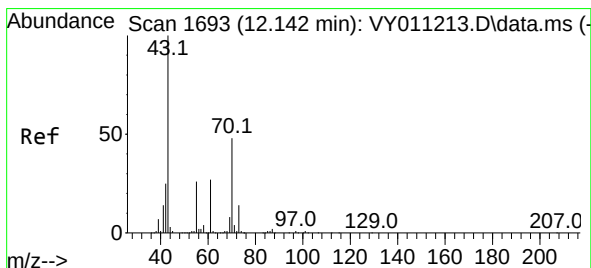
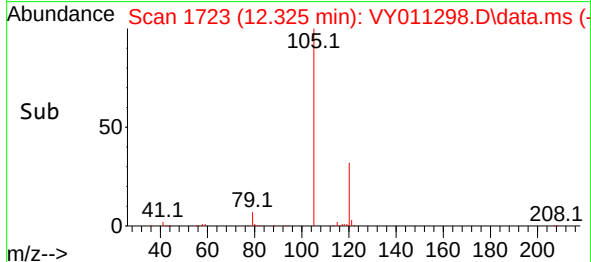
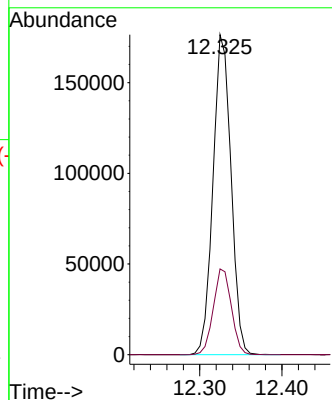
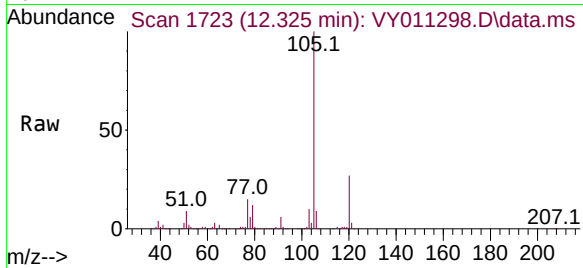




#73
Isopropylbenzene
Concen: 21.105 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

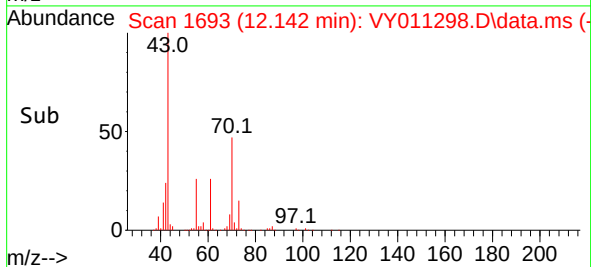
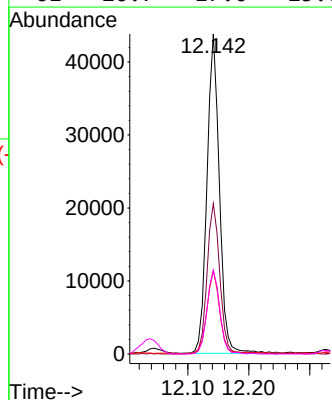
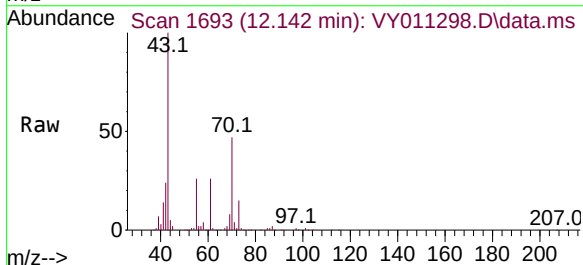
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

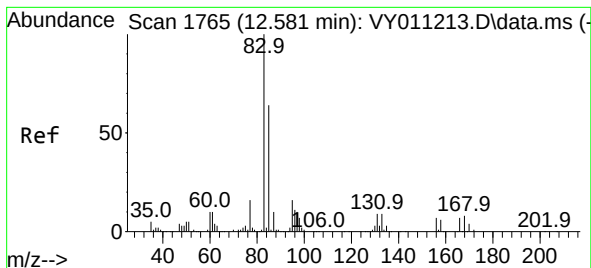
Tgt Ion:105 Resp: 268864
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 19.369 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 43 Resp: 61939
Ion Ratio Lower Upper
43 100
70 47.9 28.7 43.1#
55 26.6 17.3 25.9#
61 26.7 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.624 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

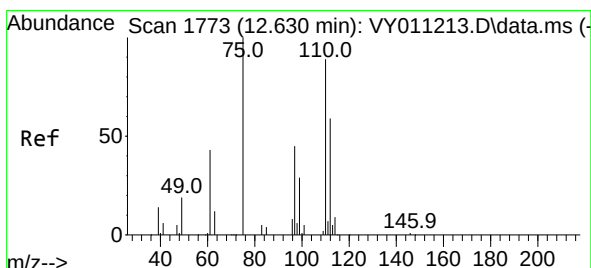
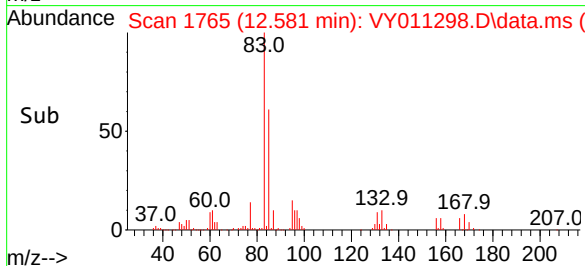
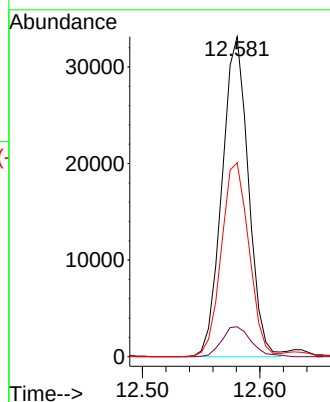
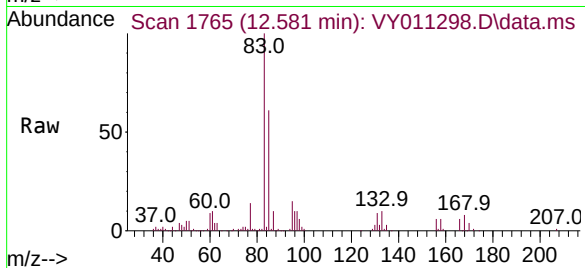
Tgt Ion: 83 Resp: 51732

Ion Ratio Lower Upper

83 100

131 10.4 5.6 16.8

85 63.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 33.271 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY011298.D

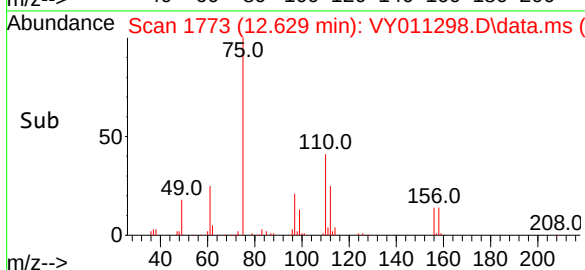
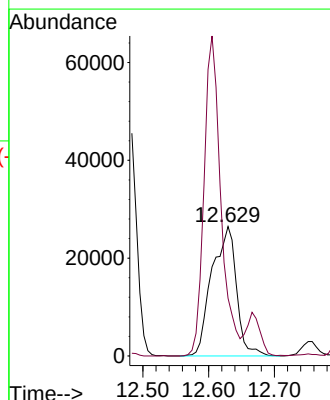
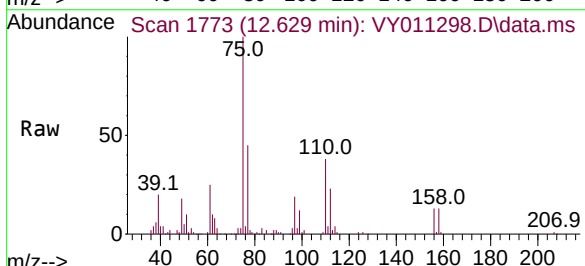
Acq: 04 Nov 2022 15:38

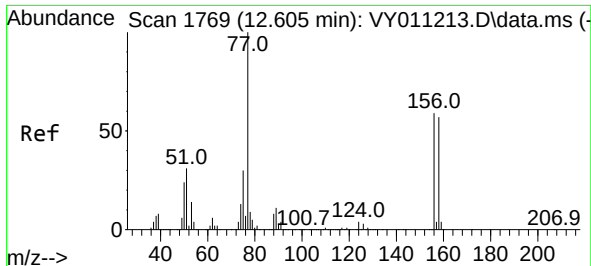
Tgt Ion: 75 Resp: 69016

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

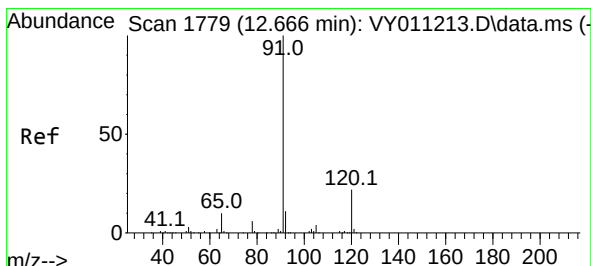
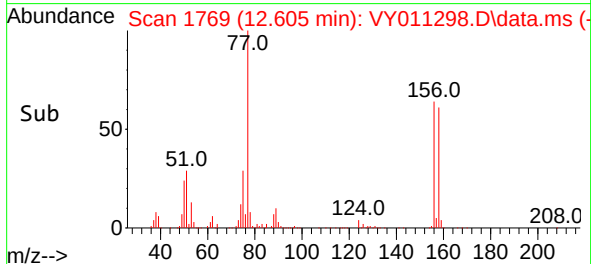
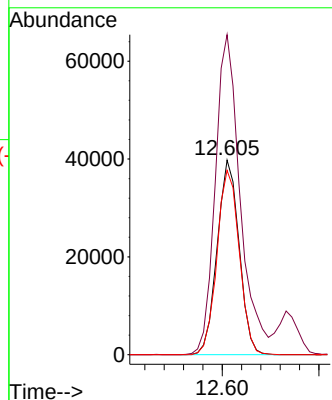
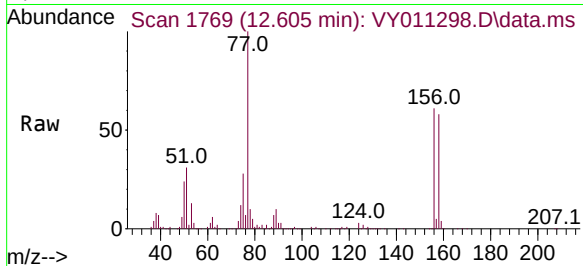




#77
Bromobenzene
Concen: 20.880 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

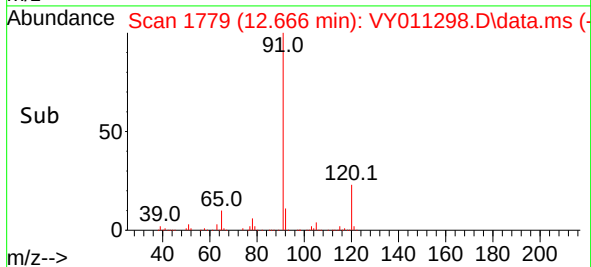
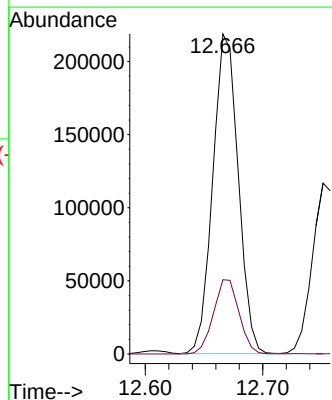
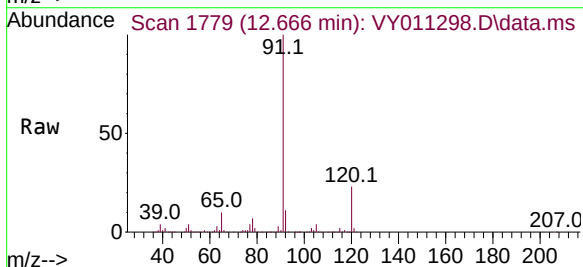
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

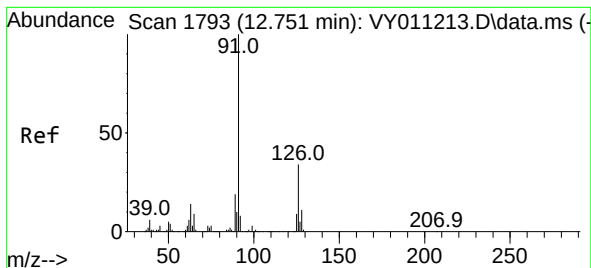
Tgt Ion:156 Resp: 62570
Ion Ratio Lower Upper
156 100
77 186.5 95.5 286.4
158 96.3 48.0 144.0



#78
n-propylbenzene
Concen: 21.100 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 91 Resp: 328909
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9





#79

2-Chlorotoluene

Concen: 20.832 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. -0.007 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

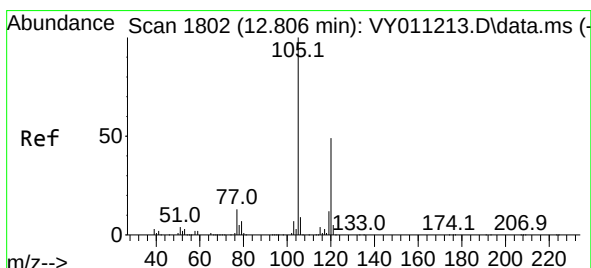
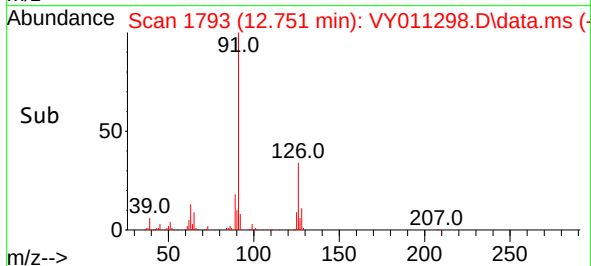
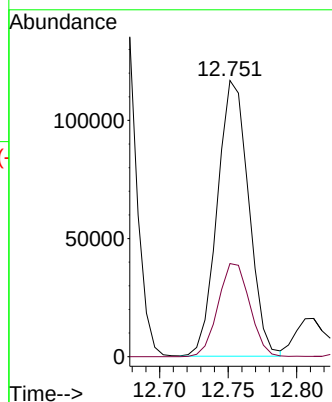
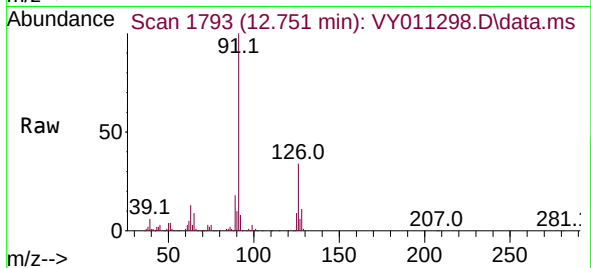
VY1104SBS01

Tgt Ion: 91 Resp: 186061

Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 21.479 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY011298.D

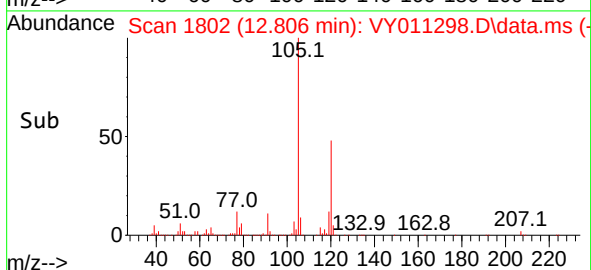
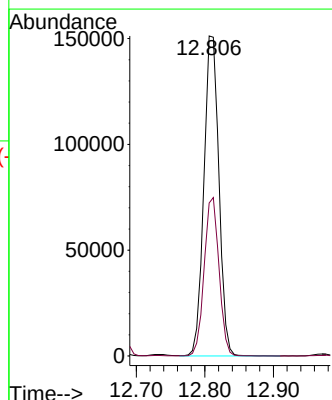
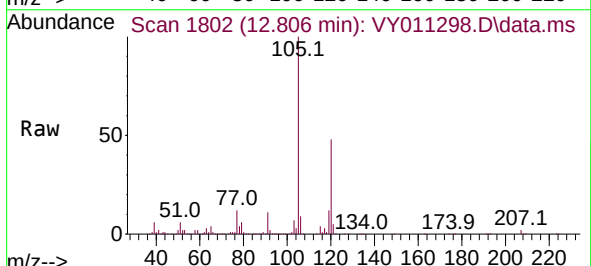
Acq: 04 Nov 2022 15:38

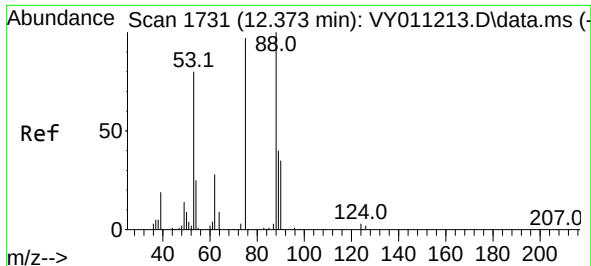
Tgt Ion: 105 Resp: 231540

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4

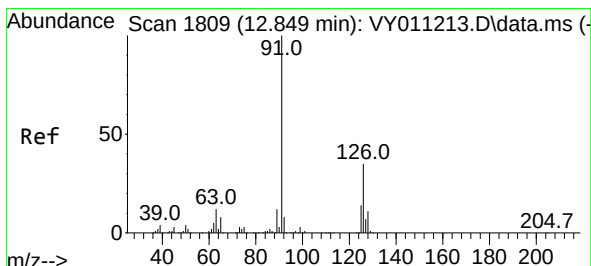
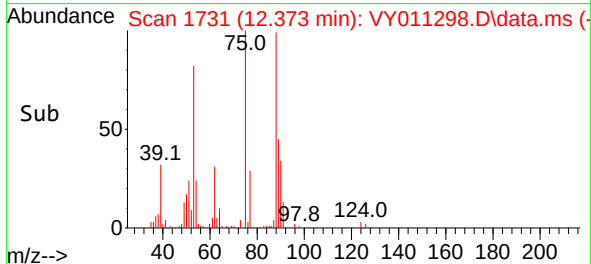
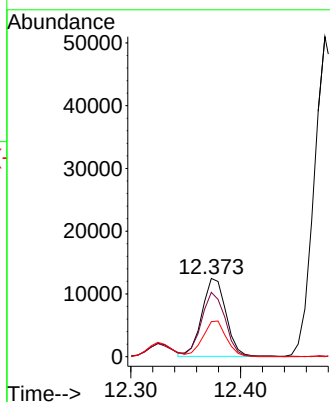
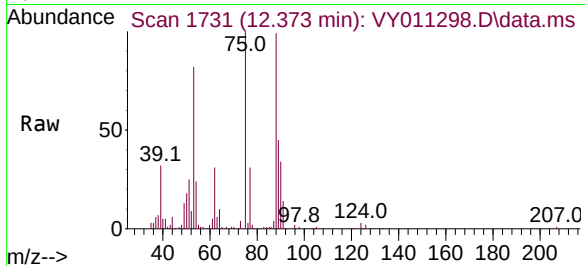




#81
trans-1,4-Dichloro-2-butene
Concen: 19.540 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

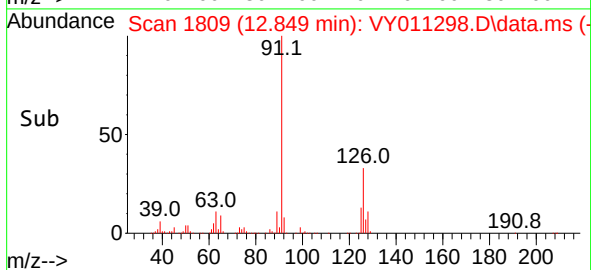
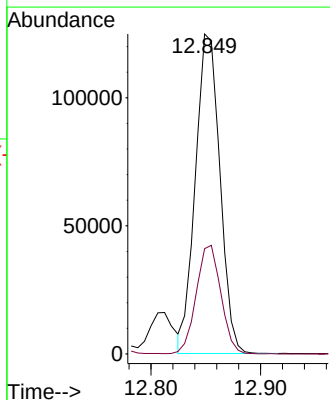
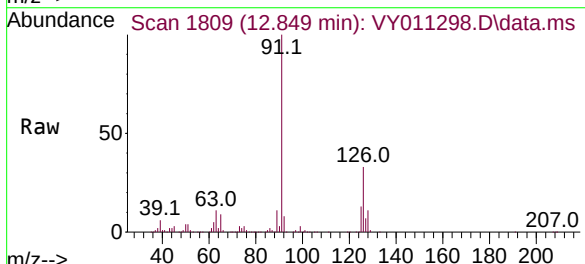
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

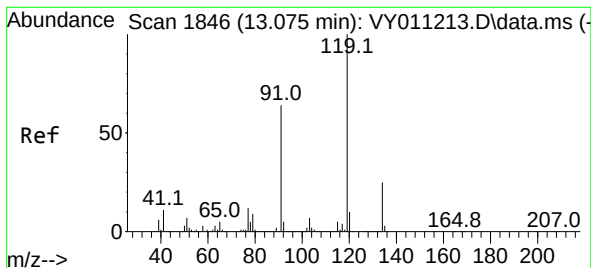
Tgt Ion: 75 Resp: 18939
Ion Ratio Lower Upper
75 100
53 81.8 85.3 127.9#
89 44.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.106 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion: 91 Resp: 194265
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0

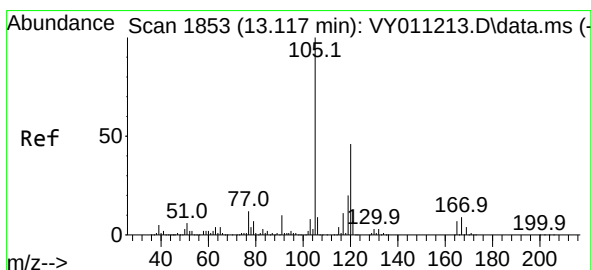
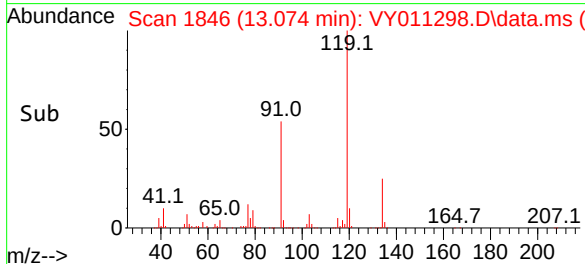
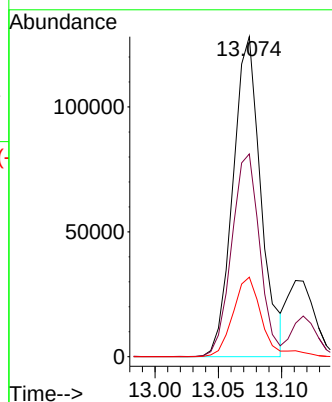
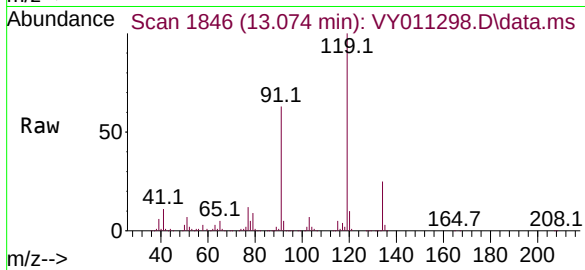




#83
tert-Butylbenzene
Concen: 21.238 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

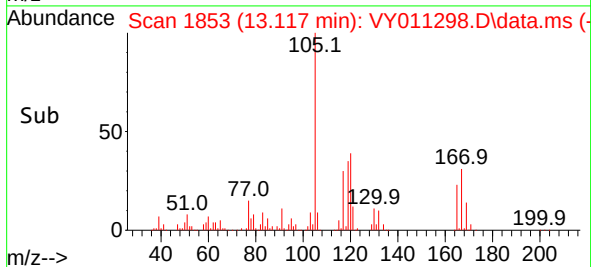
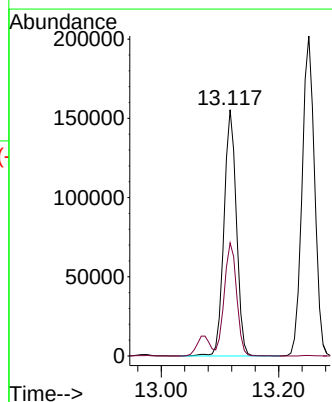
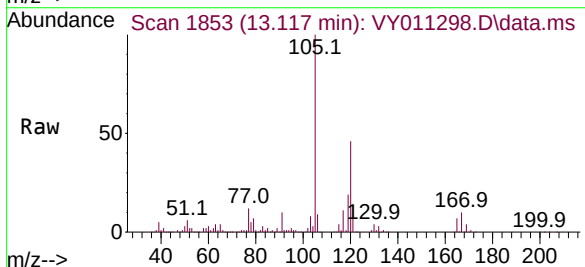
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

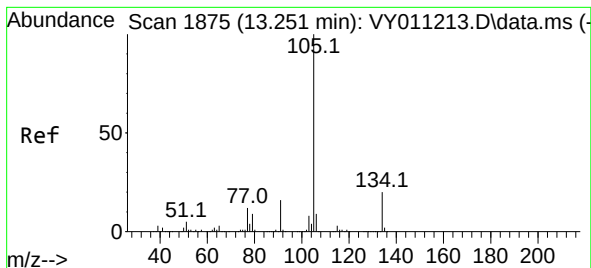
Tgt Ion:119 Resp: 197277
Ion Ratio Lower Upper
119 100
91 63.5 34.8 104.4
134 26.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.362 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion:105 Resp: 227758
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 21.529 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

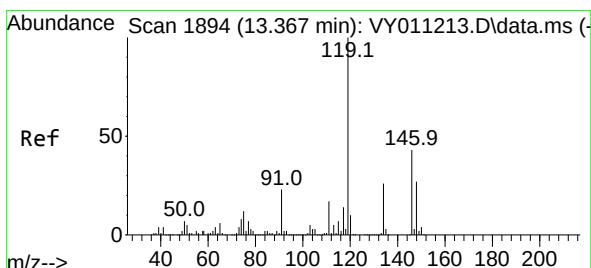
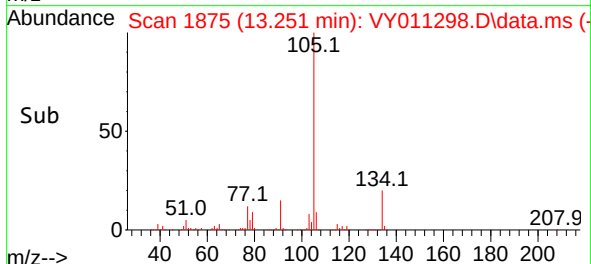
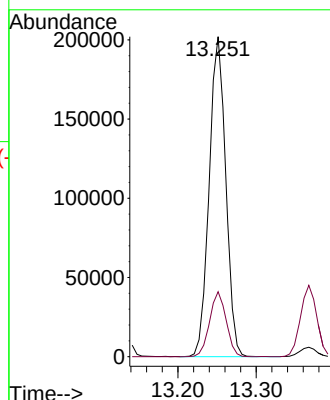
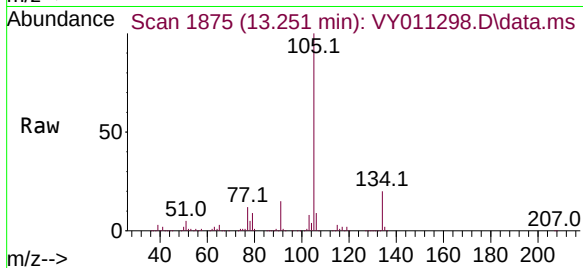
VY1104SBS01

Tgt Ion:105 Resp: 296498

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.262 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

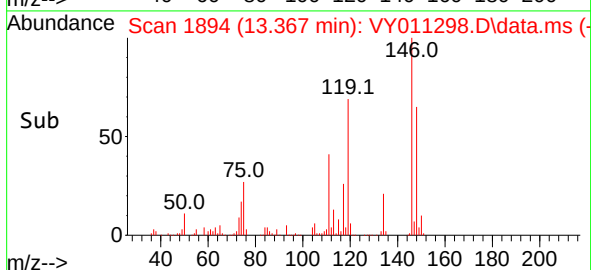
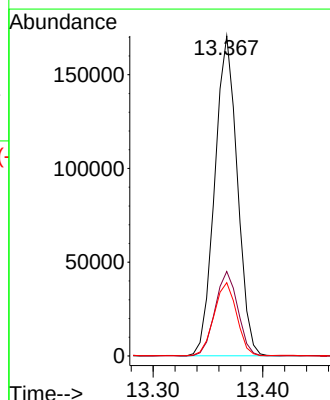
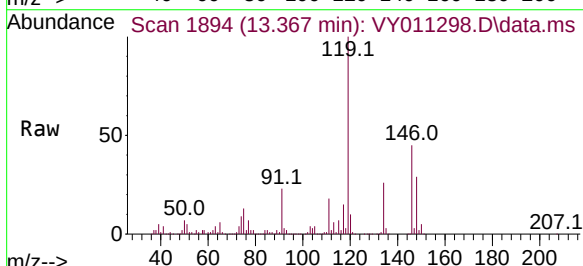
Tgt Ion:119 Resp: 244068

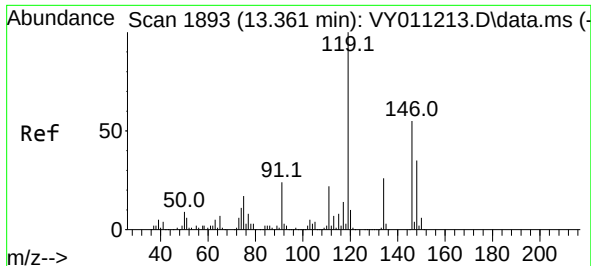
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 22.9 12.4 37.2

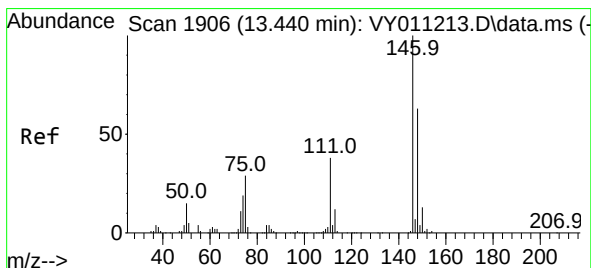
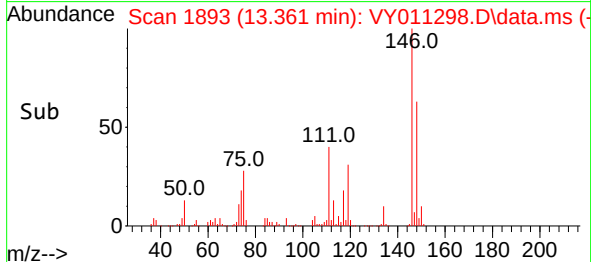
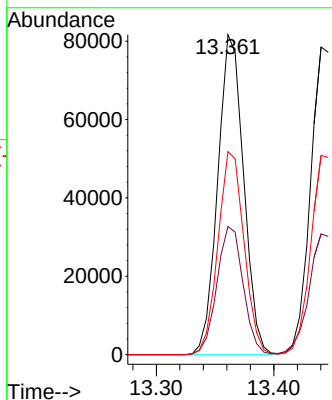
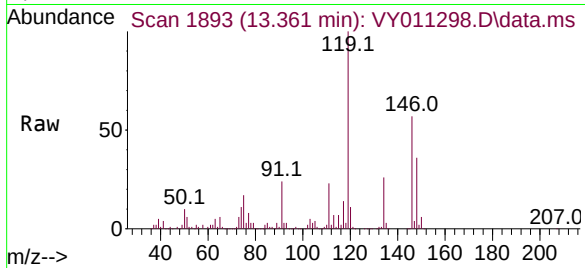




#87
1,3-Dichlorobenzene
Concen: 20.820 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

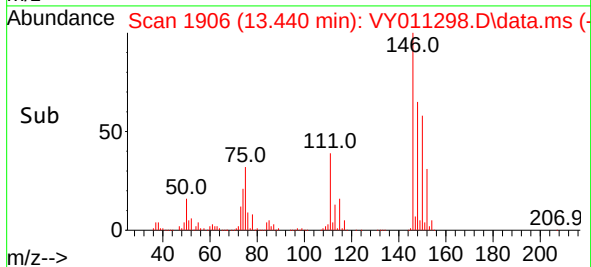
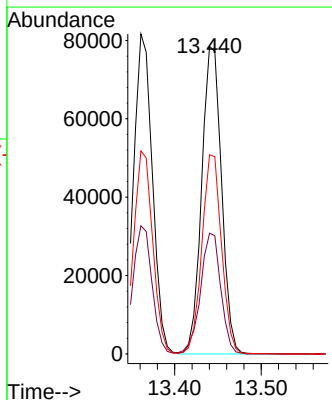
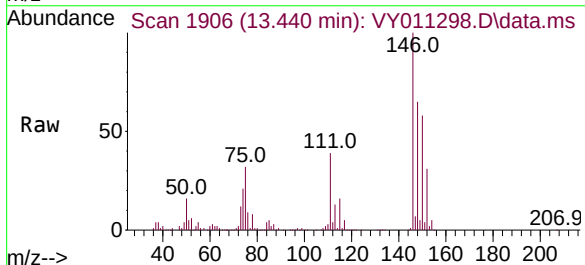
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

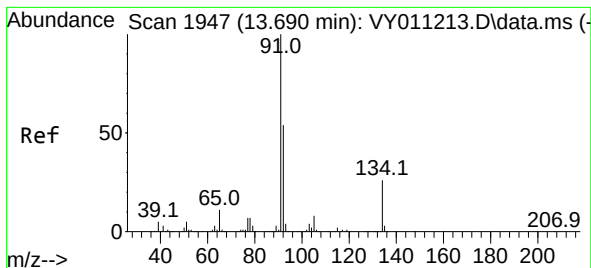
Tgt Ion:146 Resp: 125103
Ion Ratio Lower Upper
146 100
111 40.6 19.5 58.5
148 63.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.723 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.007 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion:146 Resp: 124881
Ion Ratio Lower Upper
146 100
111 40.2 19.3 57.8
148 64.2 32.6 97.8





#89

n-Butylbenzene

Concen: 21.210 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

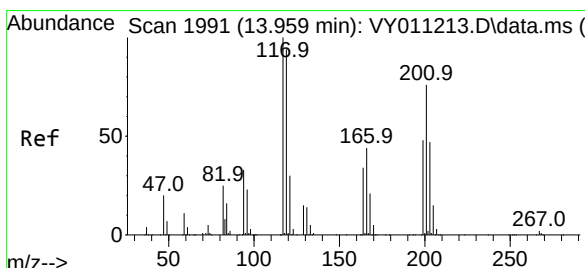
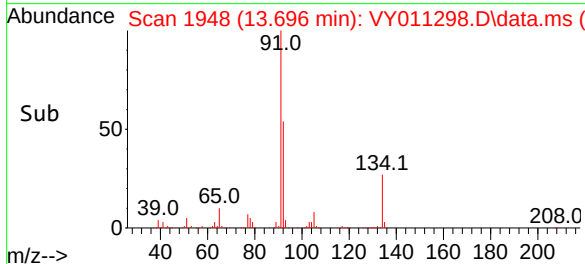
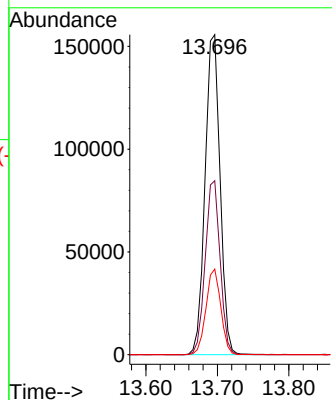
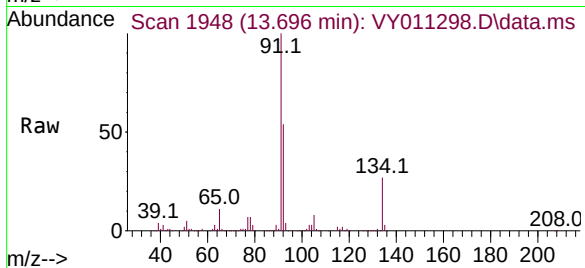
Tgt Ion: 91 Resp: 227354

Ion Ratio Lower Upper

91 100

92 53.9 26.3 78.9

134 26.4 13.0 38.9



#90

Hexachloroethane

Concen: 20.914 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY011298.D

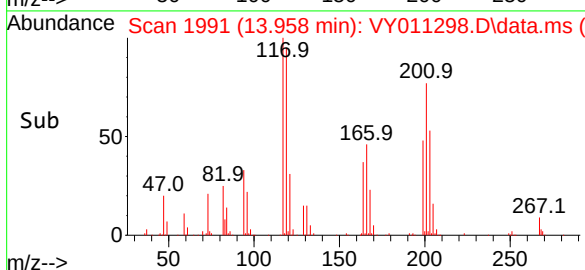
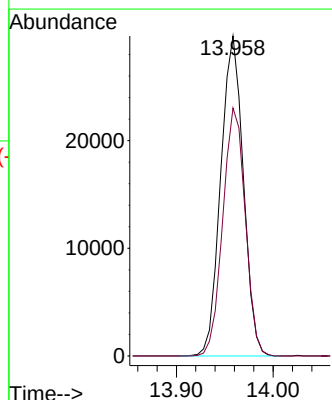
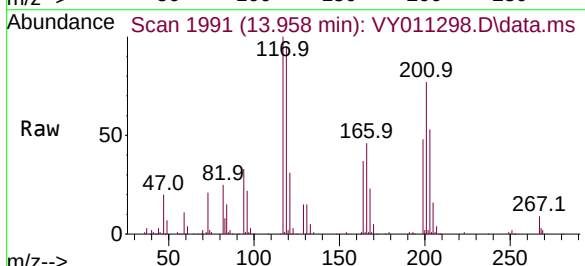
Acq: 04 Nov 2022 15:38

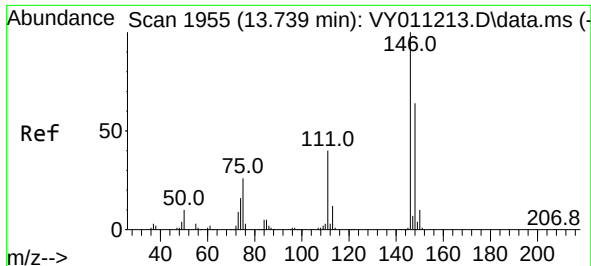
Tgt Ion: 117 Resp: 48012

Ion Ratio Lower Upper

117 100

201 77.3 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 20.883 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

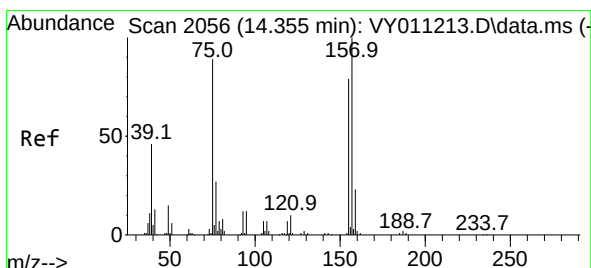
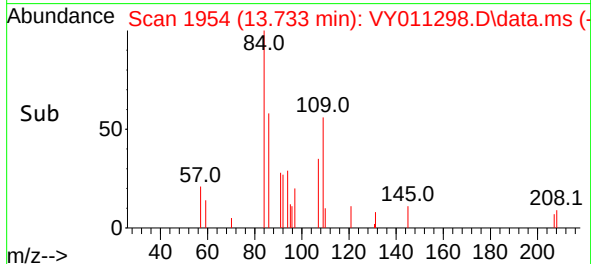
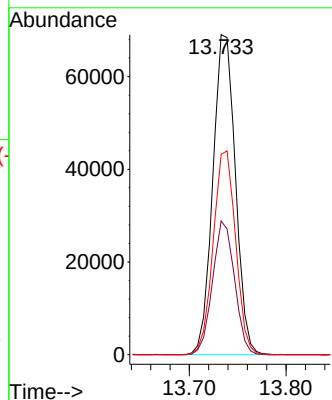
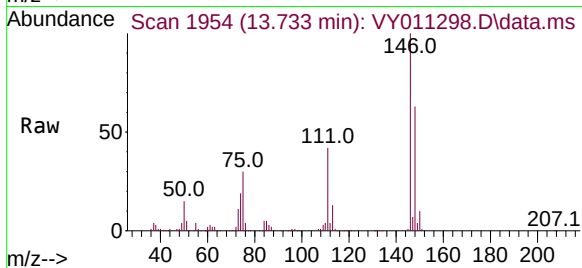
Tgt Ion:146 Resp: 112080

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.9

148 63.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.495 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011298.D

Acq: 04 Nov 2022 15:38

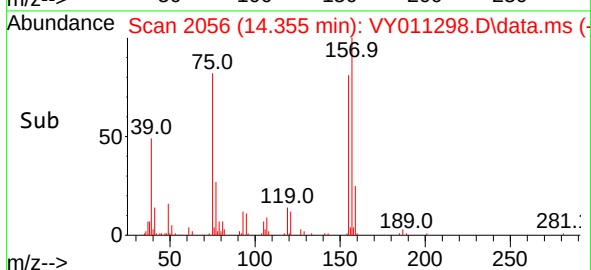
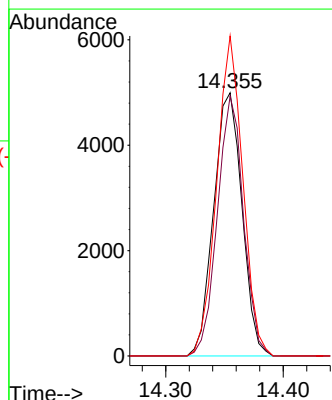
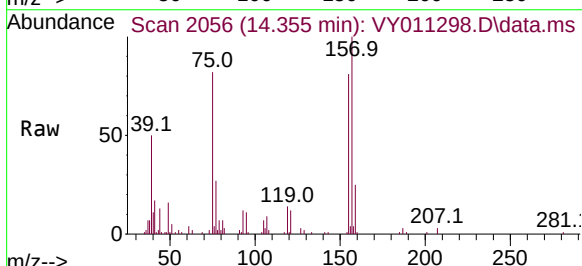
Tgt Ion: 75 Resp: 8352

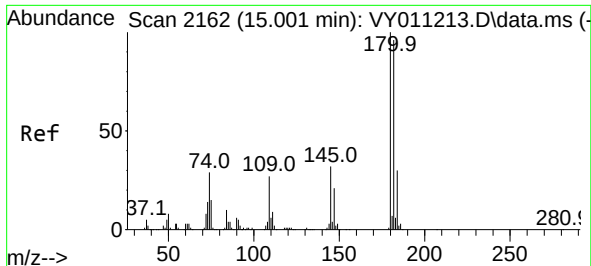
Ion Ratio Lower Upper

75 100

155 91.1 38.0 113.9

157 112.4 47.8 143.3

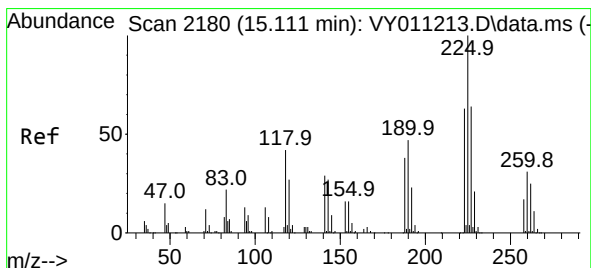
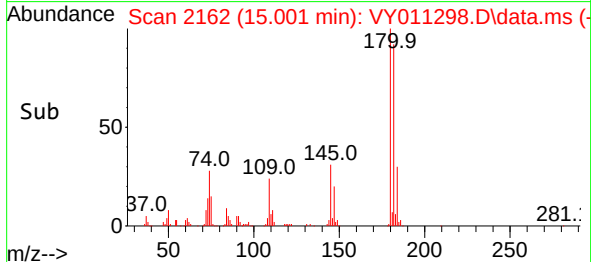
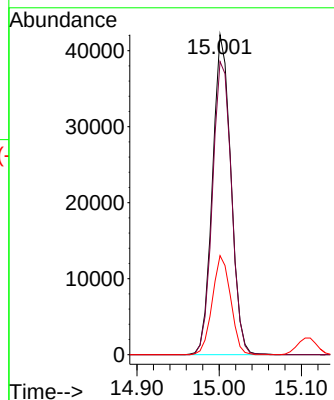
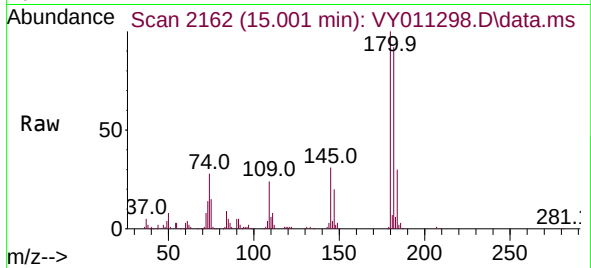




#93
1,2,4-Trichlorobenzene
Concen: 20.227 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

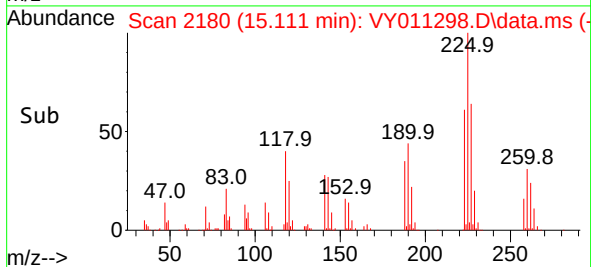
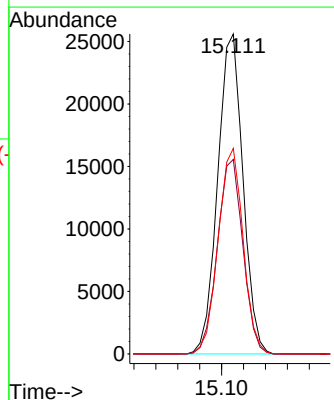
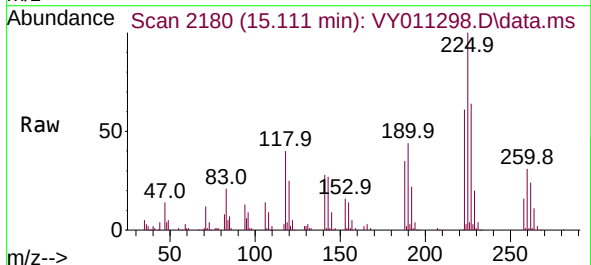
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

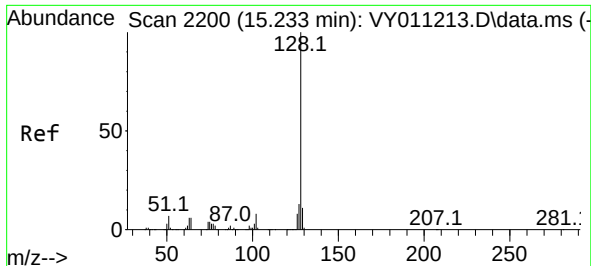
Tgt Ion:180 Resp: 65614
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 30.8 14.6 43.8



#94
Hexachlorobutadiene
Concen: 21.701 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion:225 Resp: 40990
Ion Ratio Lower Upper
225 100
223 61.5 30.8 92.3
227 63.5 31.6 94.7

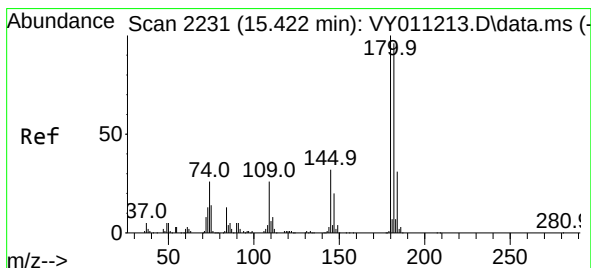
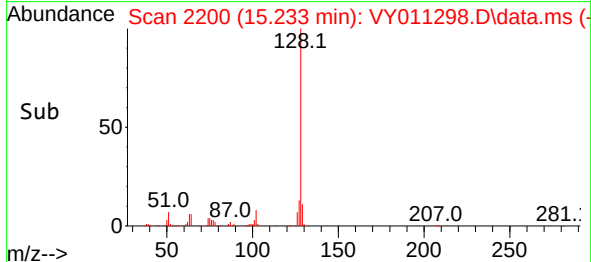
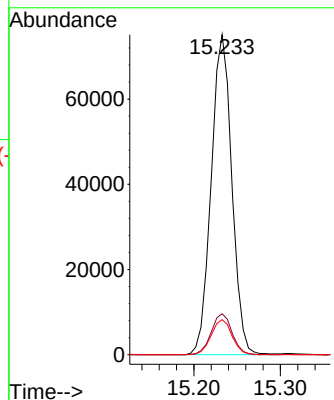
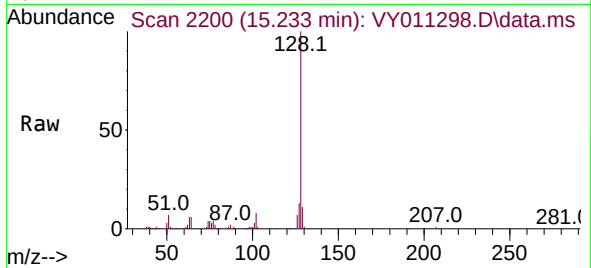




#95
Naphthalene
Concen: 19.060 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tgt Ion:128 Resp: 124331
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.437 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011298.D
Acq: 04 Nov 2022 15:38

Tgt Ion:180 Resp: 55411
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.9
145 33.4 15.3 45.9

