

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010336.D
 Acq On : 03 Sep 2022 21:25
 Operator : KP/MD
 Sample : N4433-07MSD
 Misc : 3.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4MSD

Quant Time: Sep 05 04:25:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	257034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	463815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155728	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143422	54.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.840%	
35) Dibromofluoromethane	7.710	113	141584	45.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.700%	
50) Toluene-d8	10.179	98	485662	46.980	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.960%	
62) 4-Bromofluorobenzene	12.477	95	153402	35.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	108650	52.952	ug/l	98
3) Chloromethane	2.107	50	156228	55.764	ug/l	96
4) Vinyl Chloride	2.247	62	197663	64.756	ug/l	98
5) Bromomethane	2.643	94	109982	65.939	ug/l	99
6) Chloroethane	2.784	64	130750	70.025	ug/l	100
7) Trichlorofluoromethane	3.119	101	254926	59.582	ug/l	95
8) Diethyl Ether	3.521	74	85445	55.888	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	147810	55.936	ug/l	96
10) Methyl Iodide	4.082	142	143282	45.071	ug/l	90
11) Tert butyl alcohol	4.948	59	65688	208.329	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	141866	55.444	ug/l	84
14) Allyl chloride	4.472	41	169501	37.637	ug/l #	95
15) Acrylonitrile	5.155	53	5437	6.825	ug/l #	67
16) Acetone	3.942	43	132181	200.619	ug/l	90
17) Carbon Disulfide	4.186	76	242968	31.174	ug/l	99
18) Methyl Acetate	4.466	43	222105	108.624	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	407443	54.469	ug/l	96
20) Methylene Chloride	4.704	84	178086	56.010	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	151604	52.286	ug/l	90
22) Diisopropyl ether	6.112	45	469932	51.343	ug/l #	84
23) Vinyl Acetate	6.106	43	231690	40.372	ug/l #	76
24) 1,1-Dichloroethane	6.009	63	286290	54.296	ug/l	99
25) 2-Butanone	6.978	43	175561	162.362	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	94381	19.653	ug/l	84
27) cis-1,2-Dichloroethene	6.978	96	184365	55.638	ug/l	81
28) Bromochloromethane	7.326	49	101957	55.062	ug/l #	79
29) Tetrahydrofuran	7.338	42	159716	230.560	ug/l #	84
30) Chloroform	7.502	83	301124	57.993	ug/l	100
31) Cyclohexane	7.783	56	248992	48.429	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	273567	57.822	ug/l	96
36) 1,1-Dichloropropene	7.911	75	207854	45.881	ug/l	96
37) Ethyl Acetate	6.978	43	175561	67.591	ug/l #	1
38) Carbon Tetrachloride	7.892	117	246397	52.774	ug/l	98
39) Methylcyclohexane	9.179	83	273742	46.804	ug/l	89
40) Benzene	8.155	78	620616	47.833	ug/l	96
41) Methacrylonitrile	7.338	41	90536	61.827	ug/l #	35

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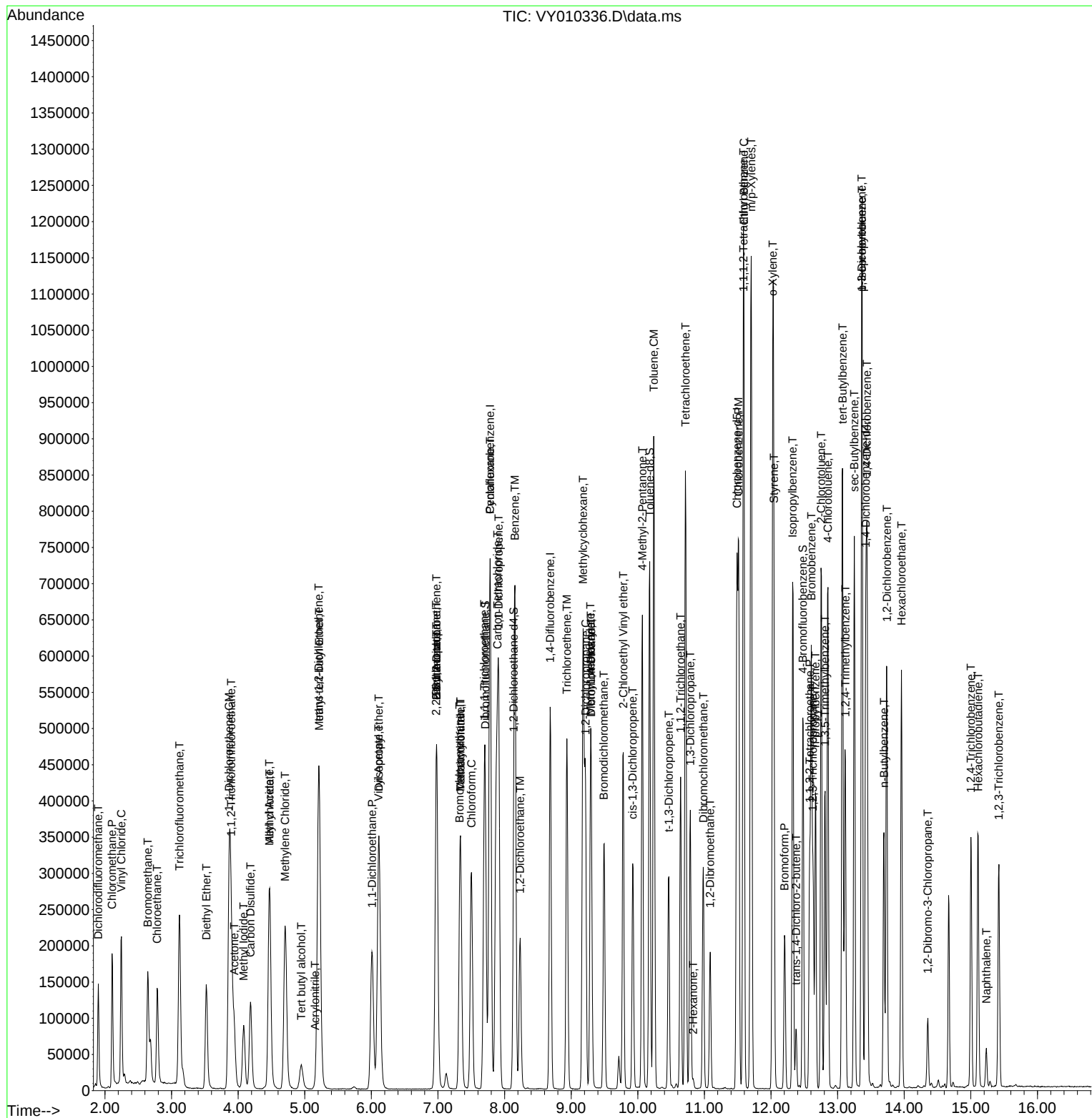
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	189825	50.460	ug/l	92
44) Trichloroethene	8.935	130	176049	49.426	ug/l	100
45) 1,2-Dichloropropane	9.215	63	159594	48.280	ug/l	94
46) Dibromomethane	9.301	93	92765	51.093	ug/l	96
47) Bromodichloromethane	9.490	83	225850	50.583	ug/l	98
48) Methyl methacrylate	9.289	41	133808	57.937	ug/l #	89
49) 1,4-Dioxane	9.295	88	24967	999.389	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	405031	158.560	ug/l	91
52) Toluene	10.240	92	371513	44.762	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	158116	32.833	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	176174	32.443	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	131742	51.116	ug/l	96
57) 1,3-Dichloropropane	10.788	76	216693	48.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	200367	189.549	ug/l	93
59) 2-Hexanone	10.831	43	6928	3.911	ug/l	93
60) Dibromochloromethane	10.983	129	157188	50.613	ug/l	100
61) 1,2-Dibromoethane	11.087	107	121043	48.598	ug/l	100
64) Tetrachloroethene	10.715	164	192144	63.092	ug/l	98
65) Chlorobenzene	11.514	112	384610	48.333	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	169849	58.128	ug/l	99
67) Ethyl Benzene	11.593	91	414908	28.473	ug/l	98
68) m/p-Xylenes	11.703	106	367920	66.094	ug/l	94
69) o-Xylene	12.026	106	227777	42.144	ug/l	93
70) Styrene	12.044	104	284555	31.607	ug/l	98
71) Bromoform	12.203	173	96881	53.636	ug/l #	99
73) Isopropylbenzene	12.325	105	451239	36.319	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	137211	57.465	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	147666	79.680	ug/l #	100
77) Bromobenzene	12.605	156	141718	50.141	ug/l	92
78) n-propylbenzene	12.666	91	308184	20.663	ug/l	97
79) 2-Chlorotoluene	12.751	91	389826	46.244	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	217595	20.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	18261	20.556	ug/l	91
82) 4-Chlorotoluene	12.855	91	387714	44.669	ug/l	97
83) tert-Butylbenzene	13.074	119	425038	46.998	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	129315	12.650	ug/l	98
85) sec-Butylbenzene	13.251	105	495426	37.043	ug/l	98
86) p-Isopropyltoluene	13.367	119	322079	29.154	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	269946	49.189	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	262378	48.087	ug/l	99
89) n-Butylbenzene	13.696	91	183901	17.610	ug/l	98
90) Hexachloroethane	13.958	117	112632	53.115	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	241694	49.414	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22591	53.693	ug/l	78
93) 1,2,4-Trichlorobenzene	15.001	180	108955	35.989	ug/l	99
94) Hexachlorobutadiene	15.111	225	65428	36.872	ug/l	99
95) Naphthalene	15.233	128	43454	6.917	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	102578	40.005	ug/l	99

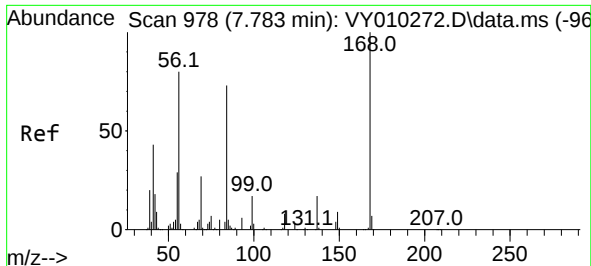
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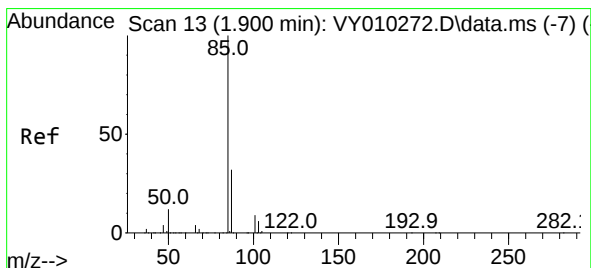
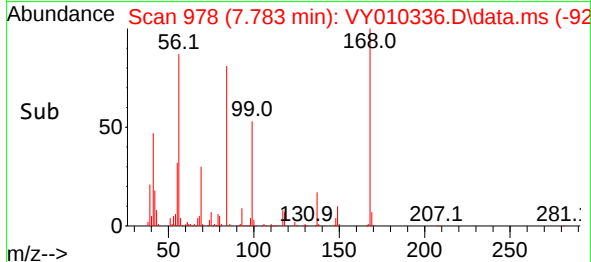
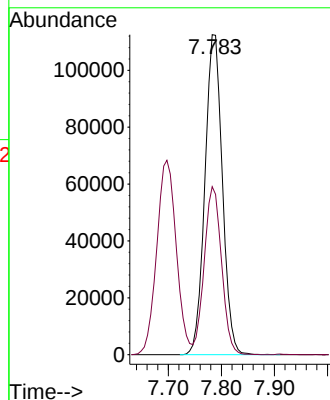
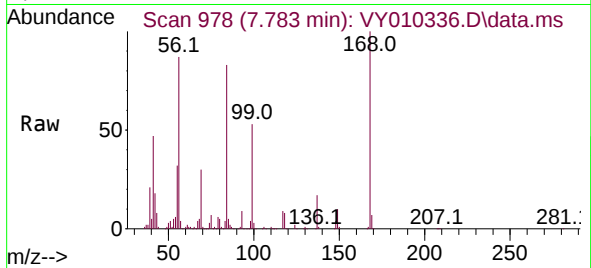




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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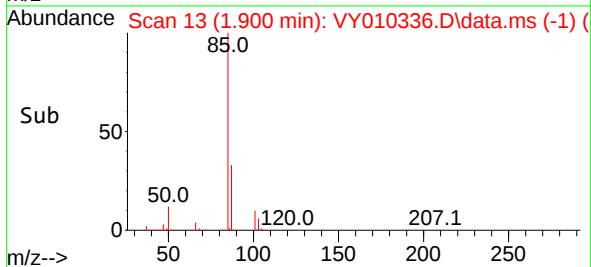
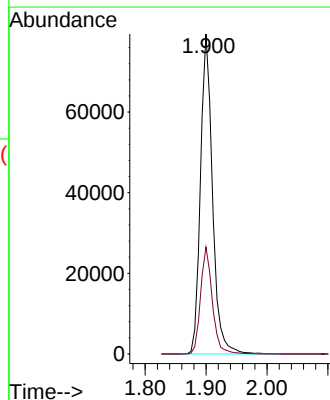
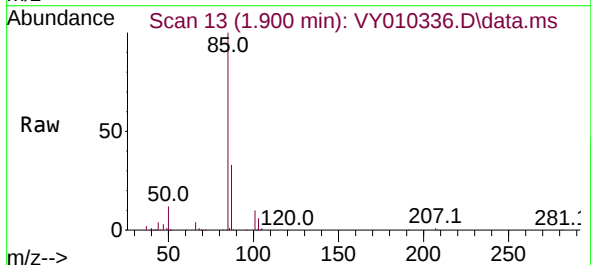
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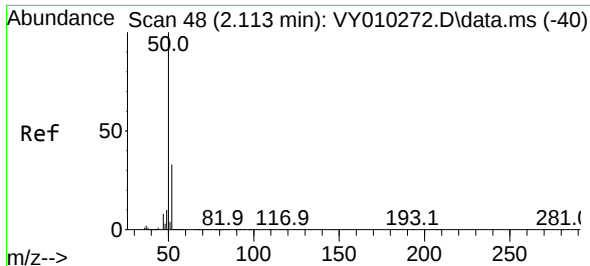
Tgt Ion:168 Resp: 257034
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 52.952 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 85 Resp: 108650
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2

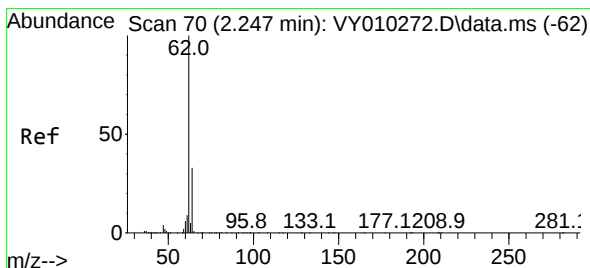
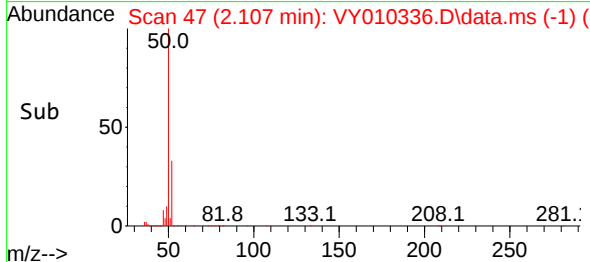
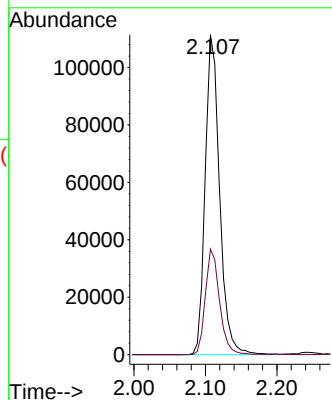
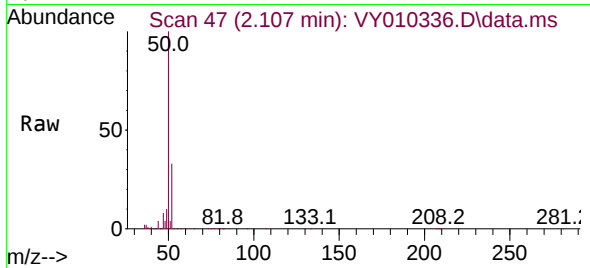




#3
Chloromethane
Concen: 55.764 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

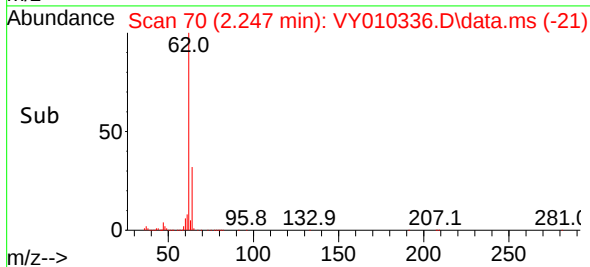
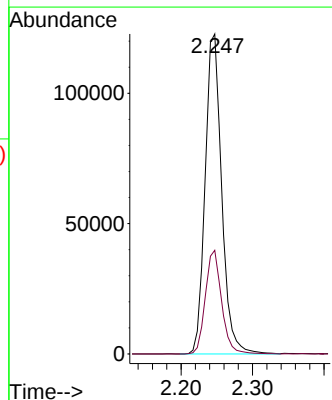
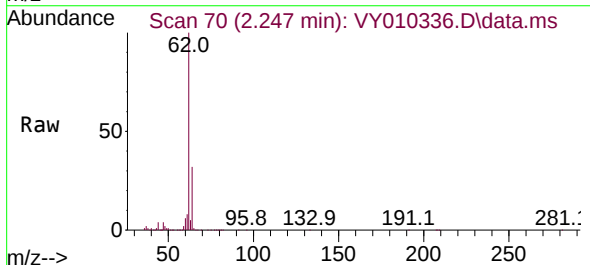
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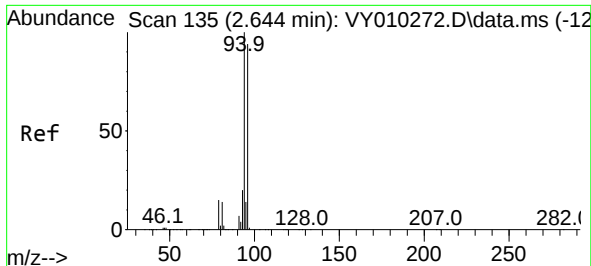
Tgt Ion: 50 Resp: 156228
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0



#4
Vinyl Chloride
Concen: 64.756 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 62 Resp: 197663
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.6

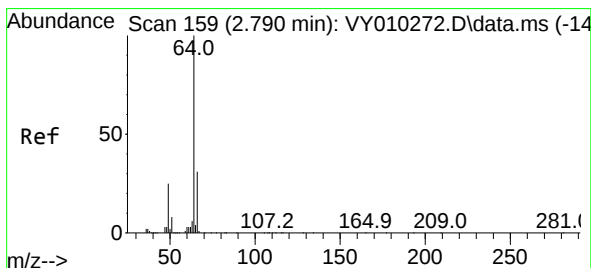
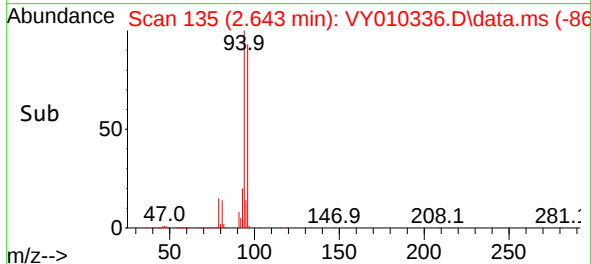
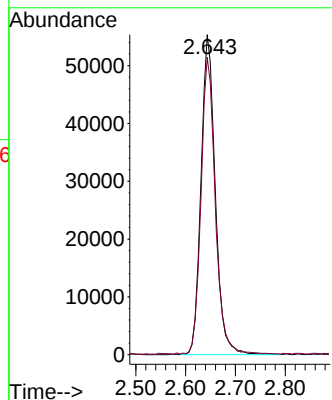
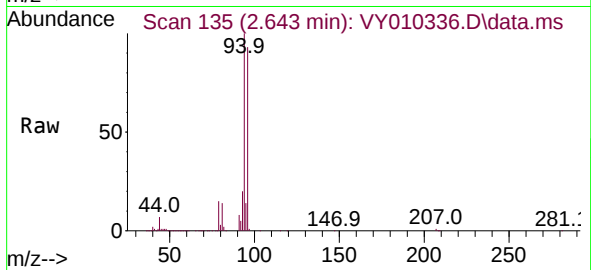




#5
Bromomethane
Concen: 65.939 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010336.D
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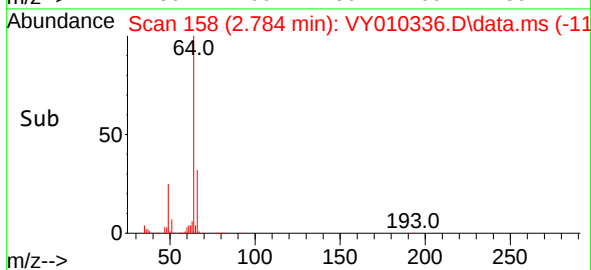
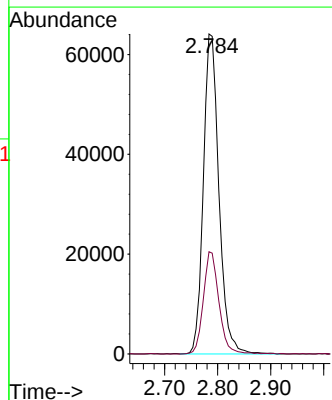
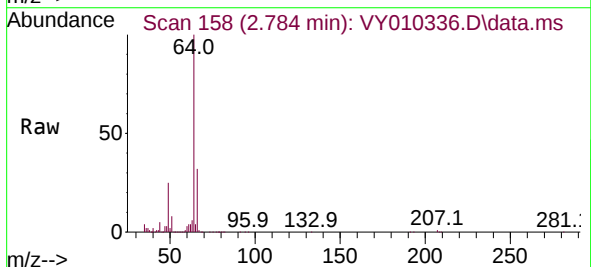
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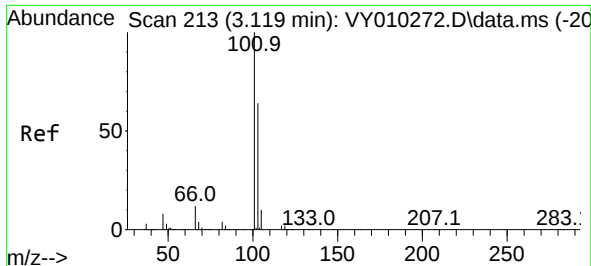
Tgt Ion: 94 Resp: 109982
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3



#6
Chloroethane
Concen: 70.025 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 64 Resp: 130750
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

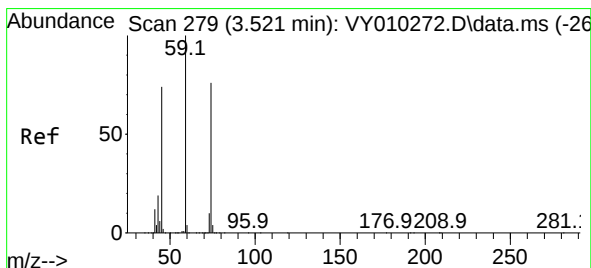
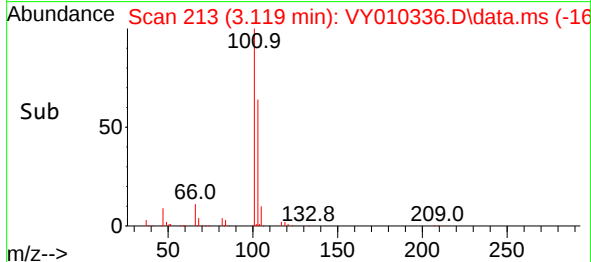
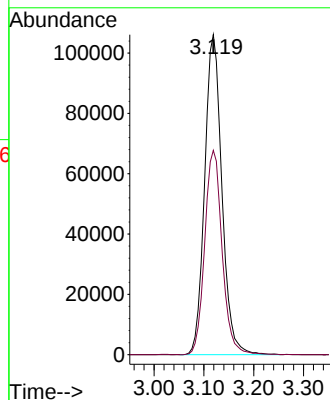
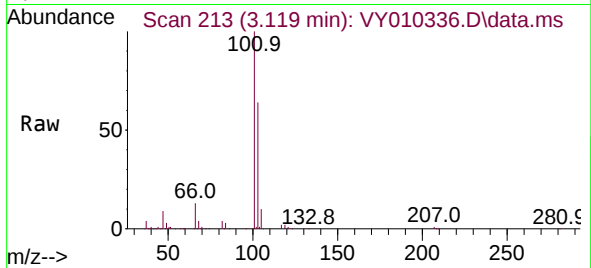




#7
 Trichlorofluoromethane
 Concen: 59.582 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
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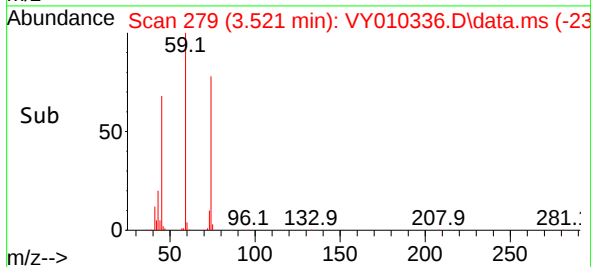
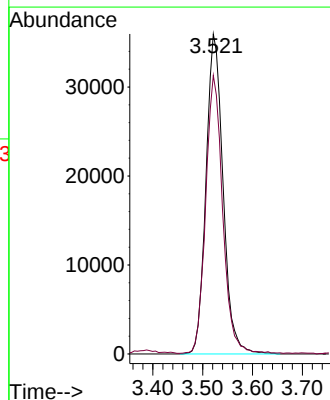
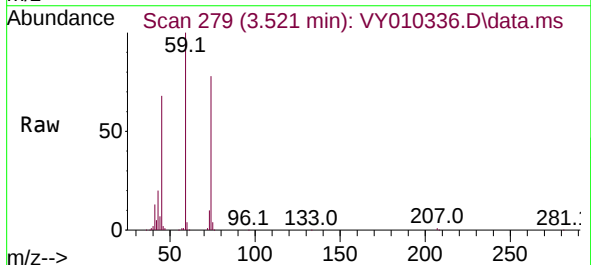
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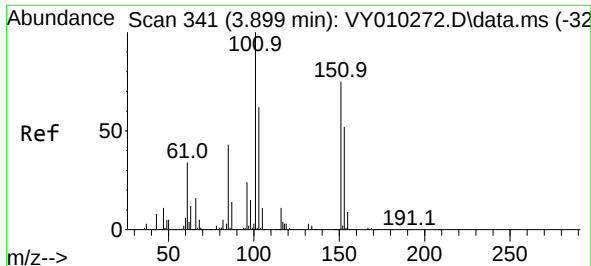
Tgt Ion:101 Resp: 254926
 Ion Ratio Lower Upper
 101 100
 103 63.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 55.888 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY010336.D
 Acq: 03 Sep 2022 21:25

Tgt Ion: 74 Resp: 85445
 Ion Ratio Lower Upper
 74 100
 45 86.5 55.1 165.5

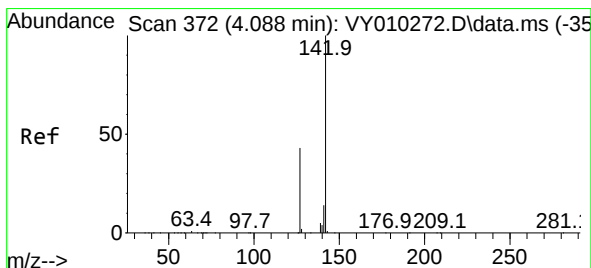
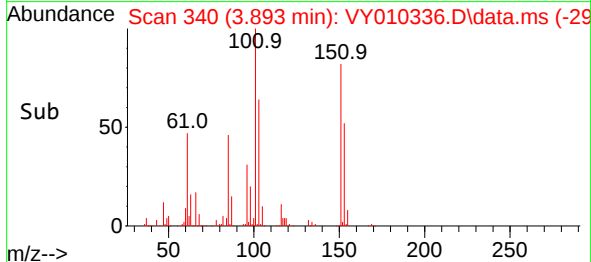
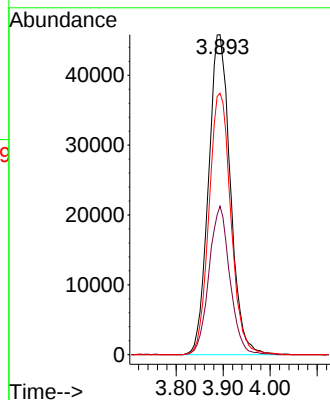
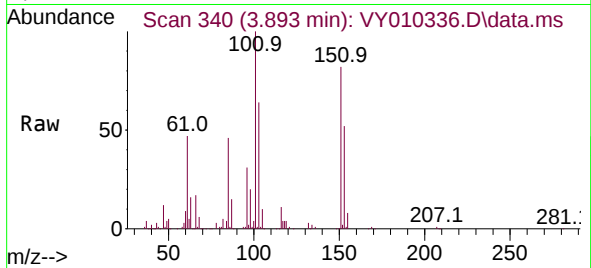




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.936 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
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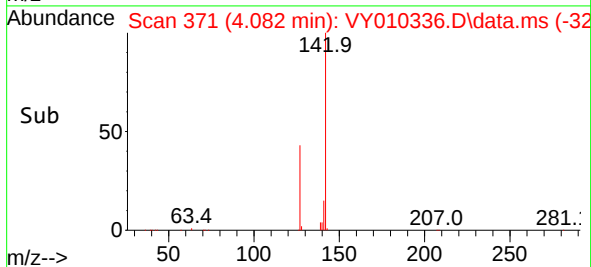
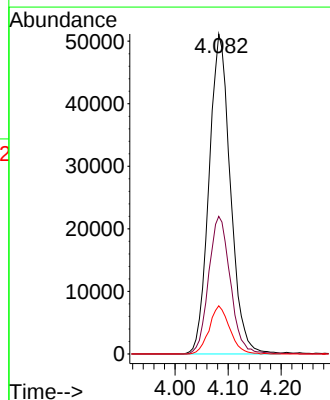
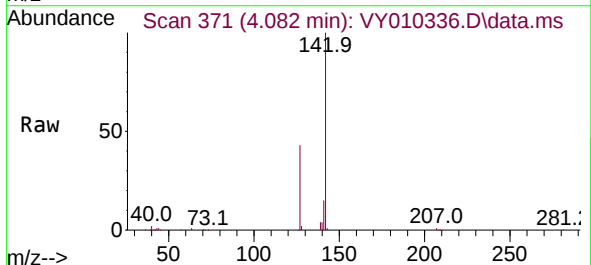
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ClientSampleId :
EP-4MSD

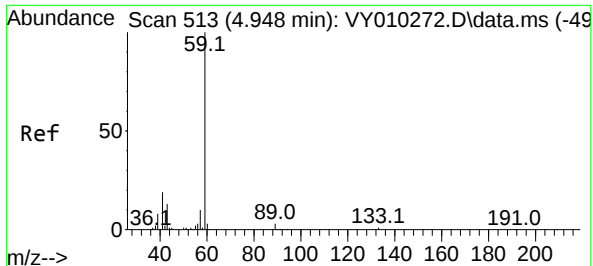
Tgt Ion:101 Resp: 147810
Ion Ratio Lower Upper
101 100
85 44.4 40.6 60.8
151 81.9 64.9 97.3



#10
Methyl Iodide
Concen: 45.071 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion:142 Resp: 143282
Ion Ratio Lower Upper
142 100
127 43.5 41.5 62.3
141 14.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 208.329 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

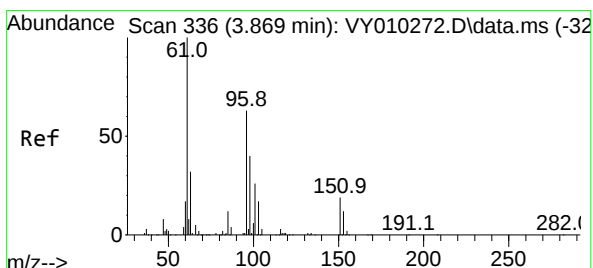
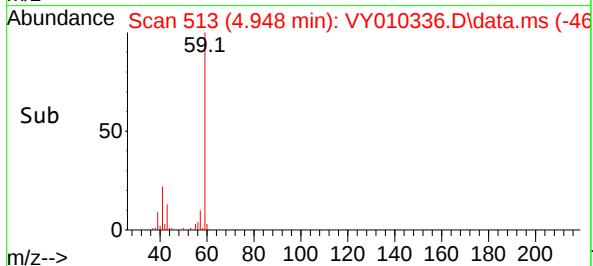
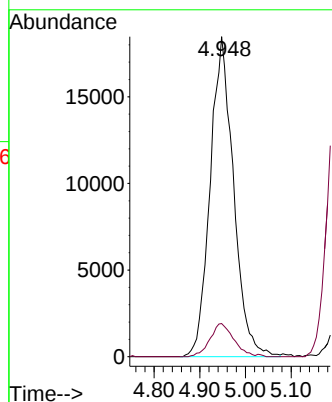
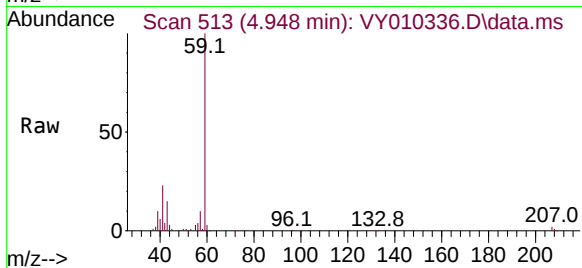
EP-4MSD

Tgt Ion: 59 Resp: 65688

Ion Ratio Lower Upper

59 100

57 10.5 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 55.444 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

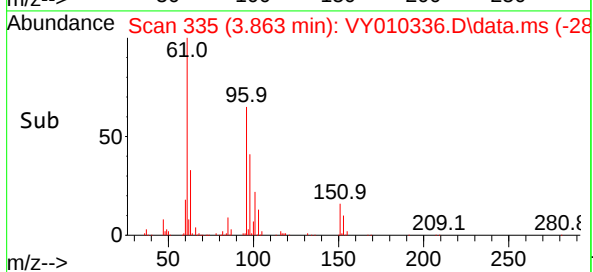
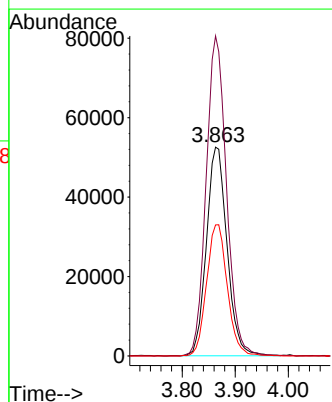
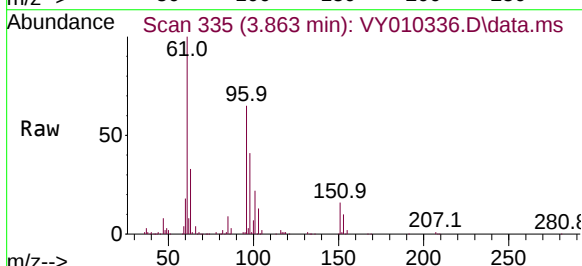
Tgt Ion: 96 Resp: 141866

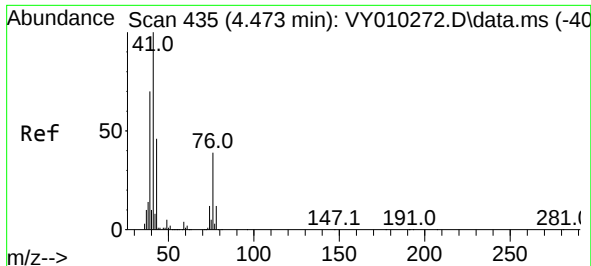
Ion Ratio Lower Upper

96 100

61 153.4 145.8 218.6

98 62.8 52.5 78.7

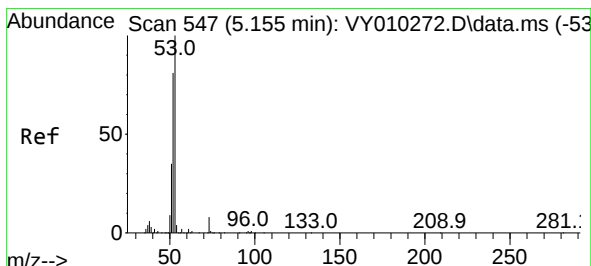
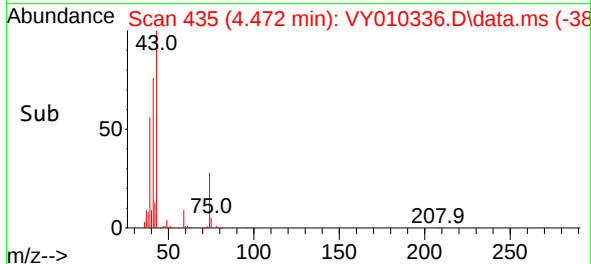
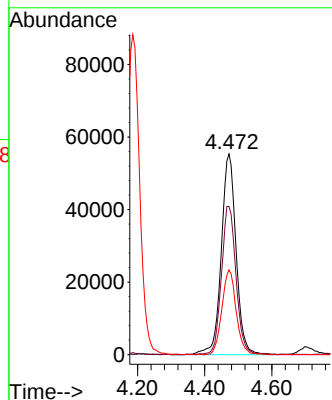
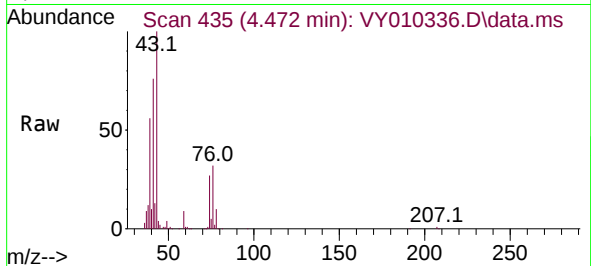




#14
 Allyl chloride
 Concen: 37.637 ug/l
 RT: 4.472 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VY010336.D
 Acq: 03 Sep 2022 21:25

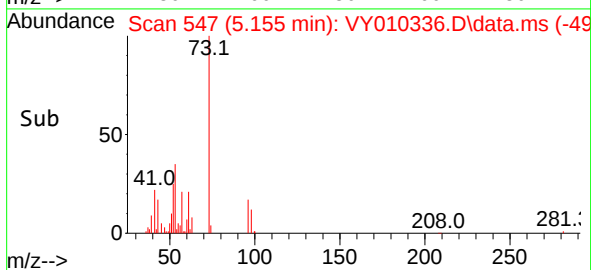
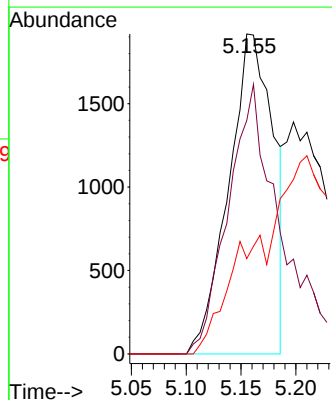
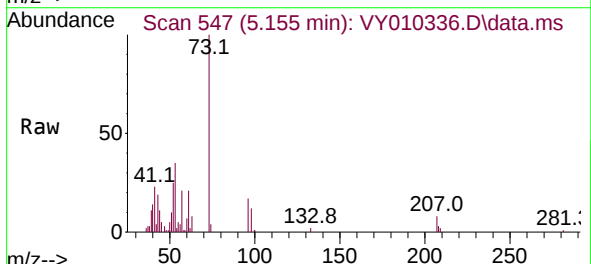
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4MSD

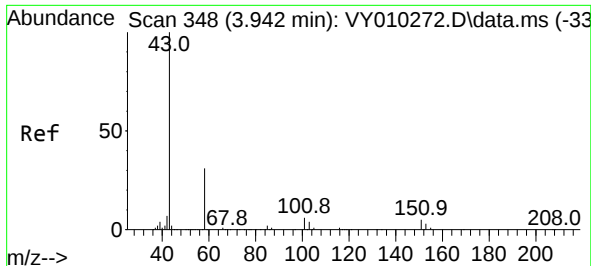
Tgt Ion: 41 Resp: 169501
 Ion Ratio Lower Upper
 41 100
 39 73.0 58.8 88.2
 76 40.8 25.1 37.7#



#15
 Acrylonitrile
 Concen: 6.825 ug/l
 RT: 5.155 min Scan# 547
 Delta R.T. 0.000 min
 Lab File: VY010336.D
 Acq: 03 Sep 2022 21:25

Tgt Ion: 53 Resp: 5437
 Ion Ratio Lower Upper
 53 100
 52 101.9 67.0 100.4#
 51 0.0 29.8 44.6#

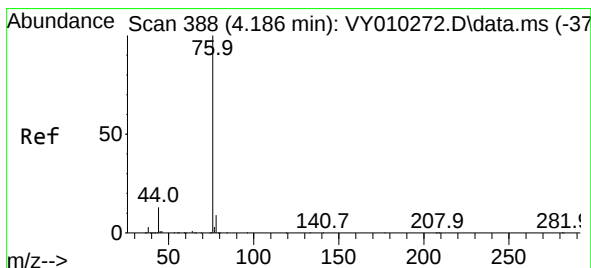
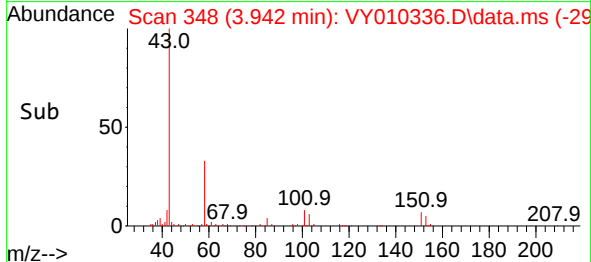
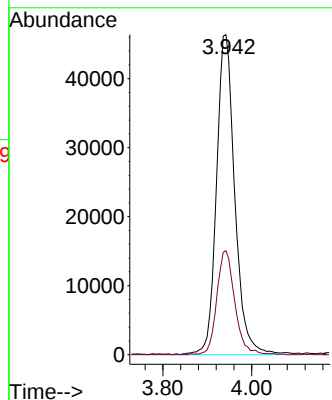
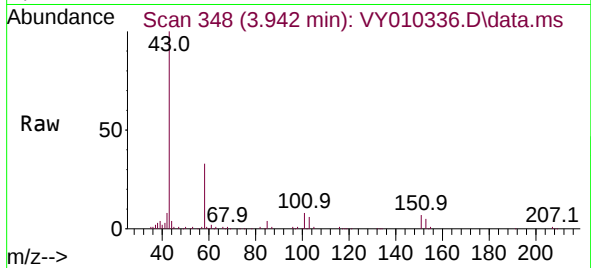




#16
Acetone
Concen: 200.619 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

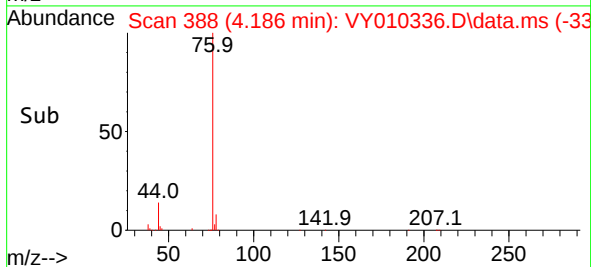
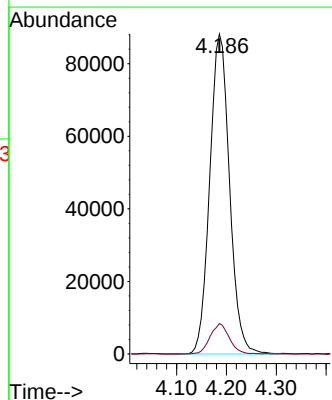
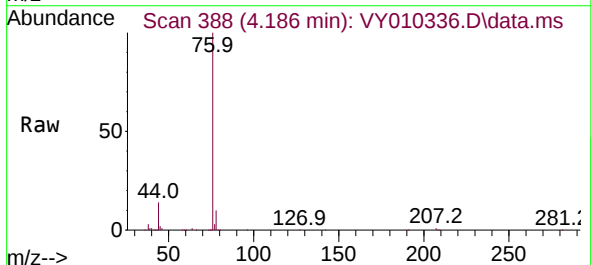
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

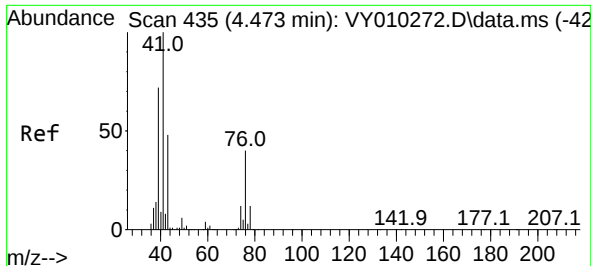
Tgt Ion: 43 Resp: 132181
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0



#17
Carbon Disulfide
Concen: 31.174 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 76 Resp: 242968
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

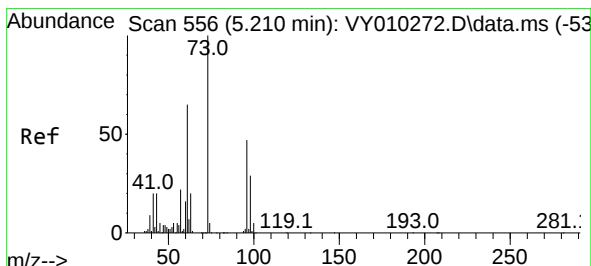
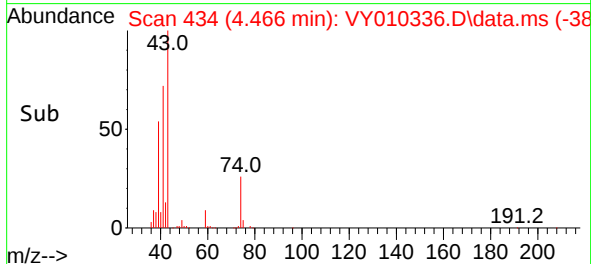
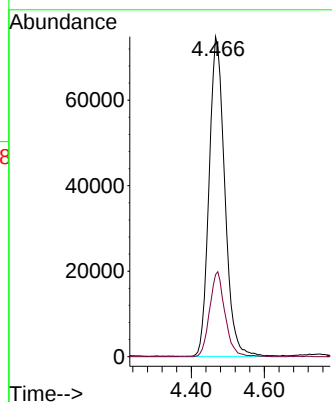
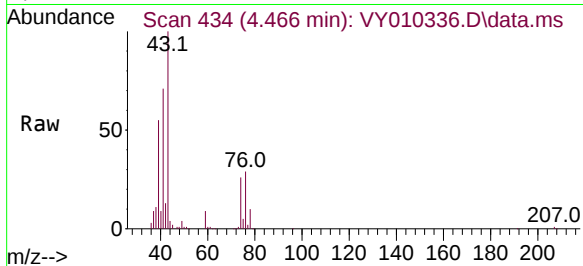




#18
Methyl Acetate
Concen: 108.624 ug/l
RT: 4.466 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

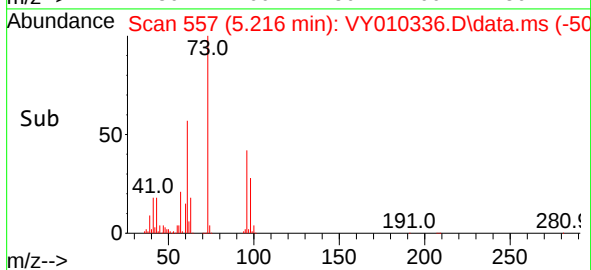
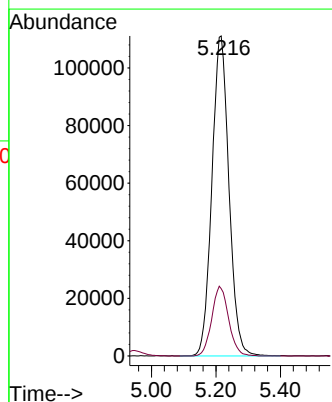
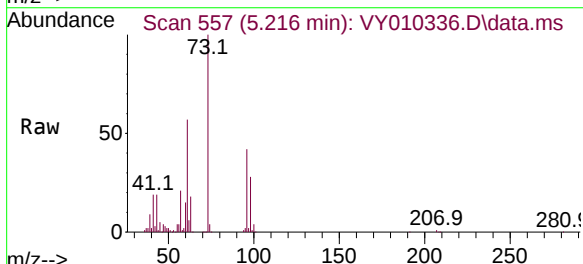
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

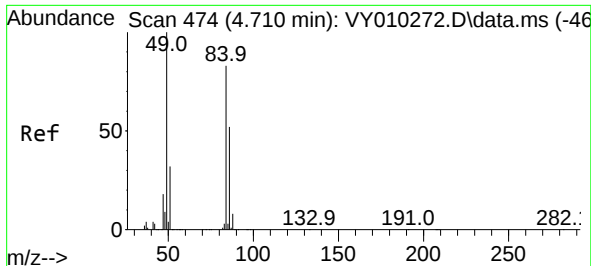
Tgt Ion: 43 Resp: 222105
Ion Ratio Lower Upper
43 100
74 26.1 16.6 24.8#



#19
Methyl tert-butyl Ether
Concen: 54.469 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.006 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 73 Resp: 407443
Ion Ratio Lower Upper
73 100
57 21.0 18.6 27.8

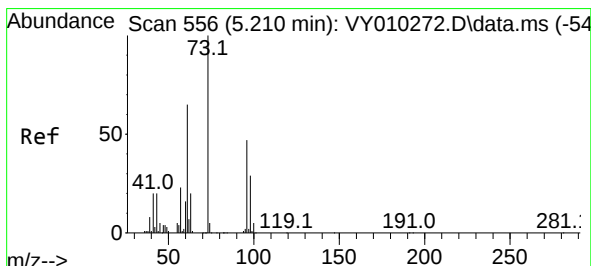
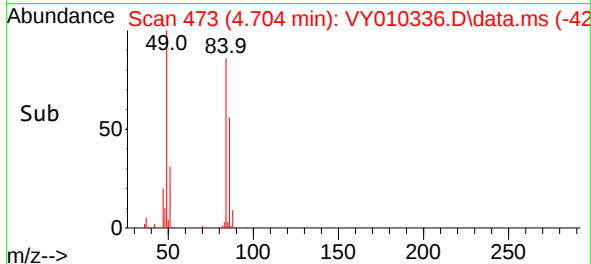
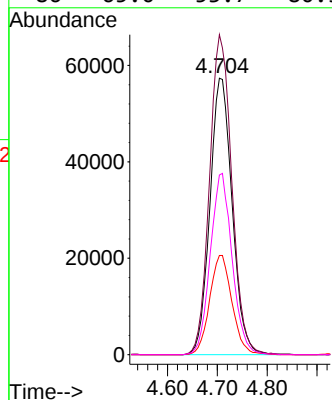
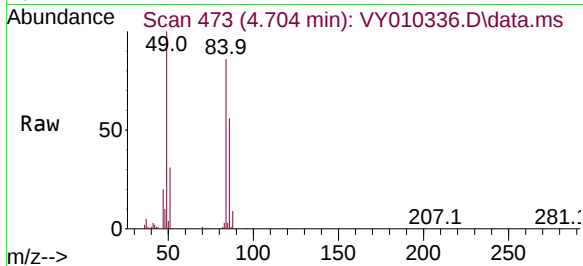




#20
Methylene Chloride
Concen: 56.010 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

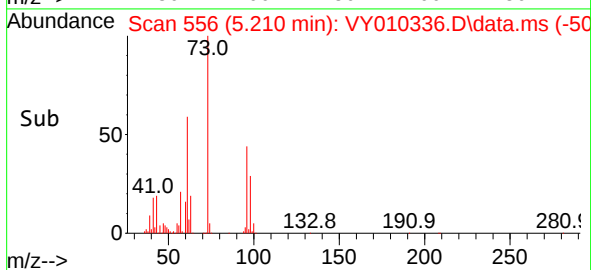
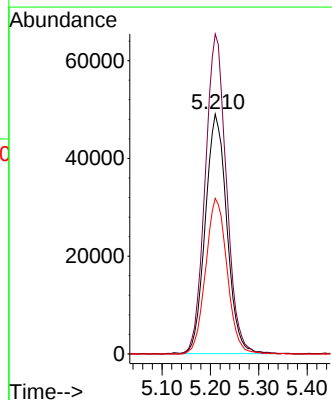
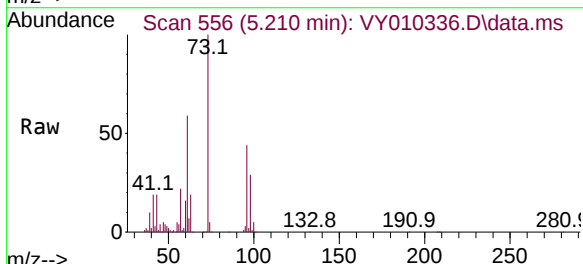
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

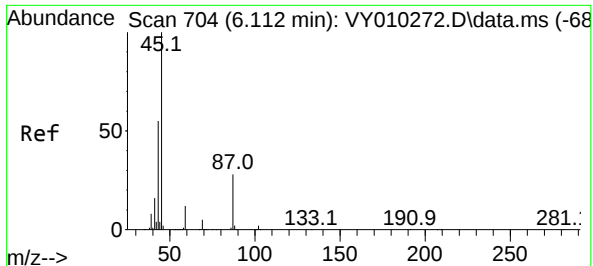
Tgt Ion: 84 Resp: 178086
Ion Ratio Lower Upper
84 100
49 115.8 114.4 171.6
51 35.9 35.3 52.9
86 65.0 53.7 80.5



#21
trans-1,2-Dichloroethene
Concen: 52.286 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 96 Resp: 151604
Ion Ratio Lower Upper
96 100
61 133.6 120.5 180.7
98 65.0 49.8 74.8

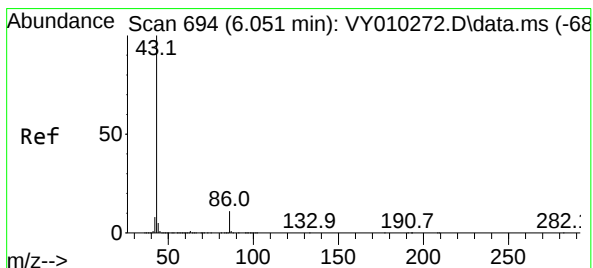
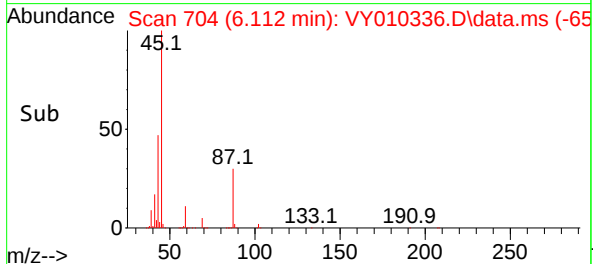
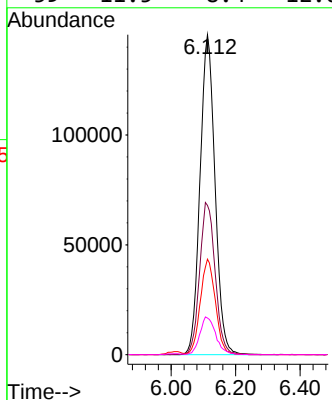
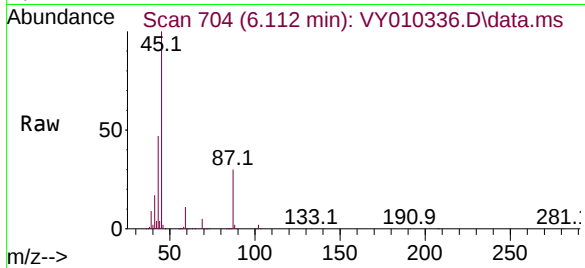




#22
Diisopropyl ether
Concen: 51.343 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

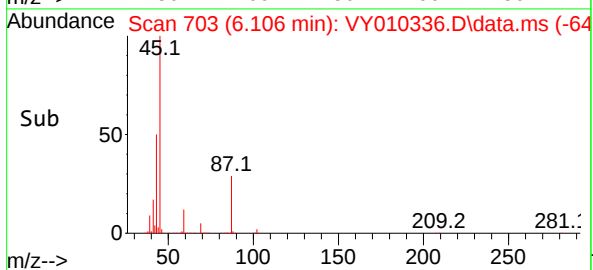
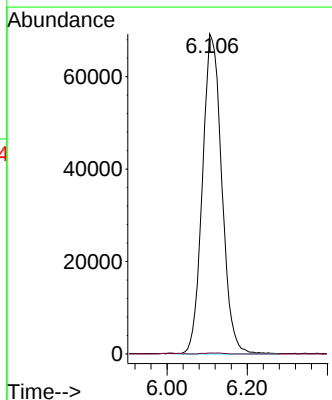
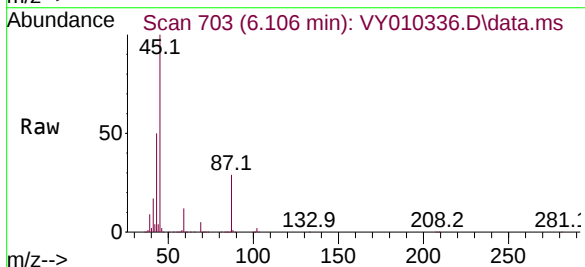
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

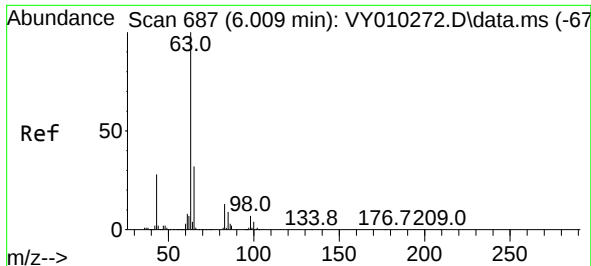
Tgt Ion: 45 Resp: 469932
Ion Ratio Lower Upper
45 100
43 46.6 49.3 73.9#
87 29.9 19.2 28.8#
59 11.5 8.4 12.6



#23
Vinyl Acetate
Concen: 40.372 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.055 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 43 Resp: 231690
Ion Ratio Lower Upper
43 100
86 0.3 7.1 10.7#





#24

1,1-Dichloroethane

Concen: 54.296 ug/l

RT: 6.009 min Scan# 687

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

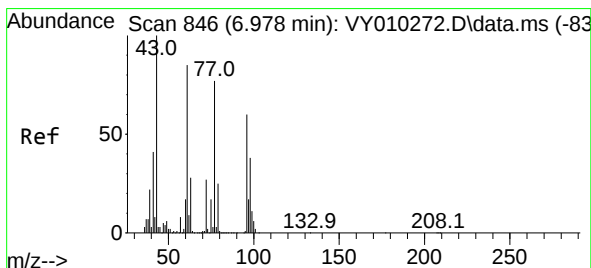
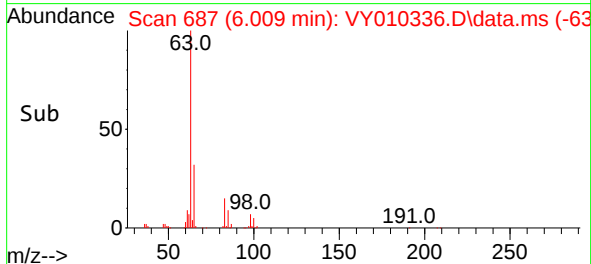
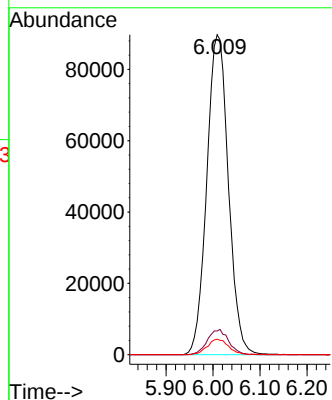
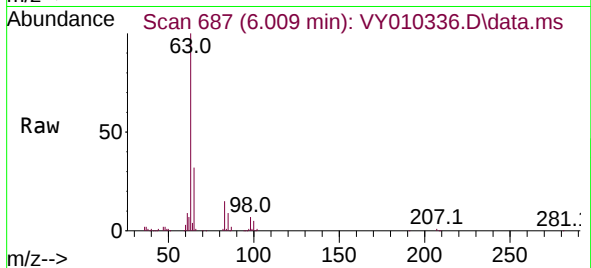
Tgt Ion: 63 Resp: 286290

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.8 2.0 5.8



#25

2-Butanone

Concen: 162.362 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010336.D

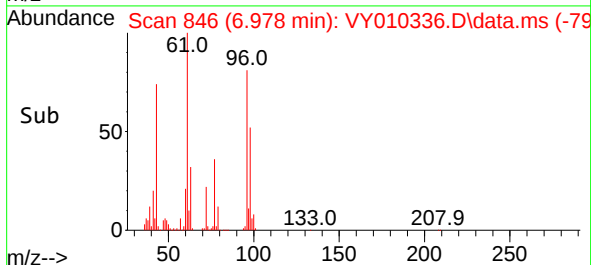
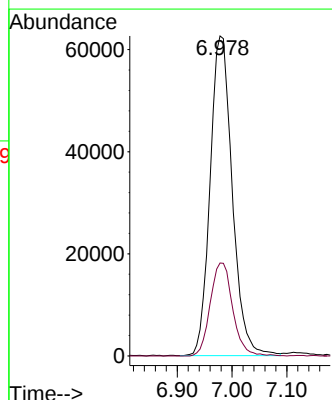
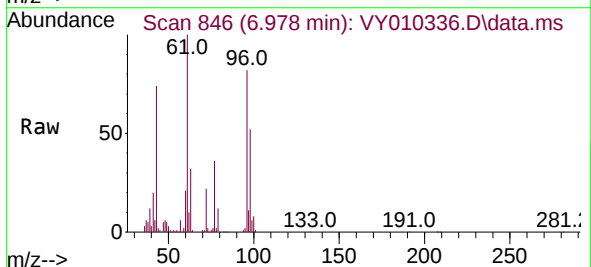
Acq: 03 Sep 2022 21:25

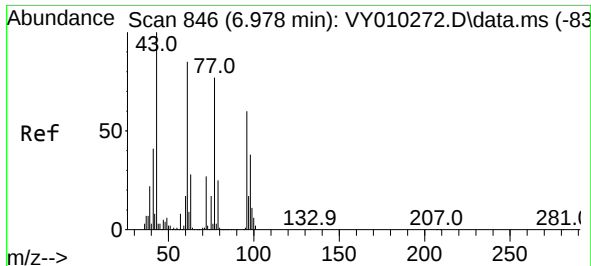
Tgt Ion: 43 Resp: 175561

Ion Ratio Lower Upper

43 100

72 29.1 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 19.653 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

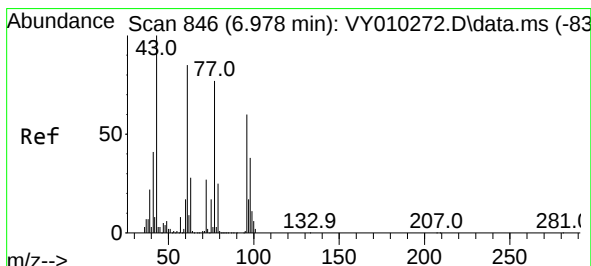
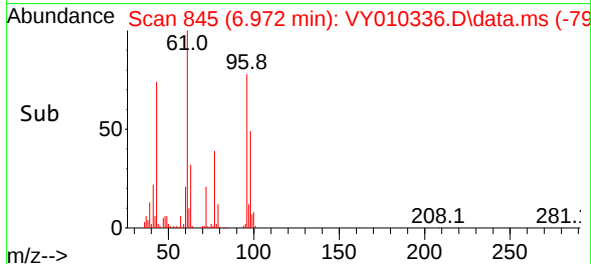
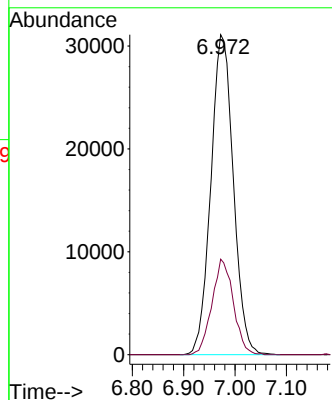
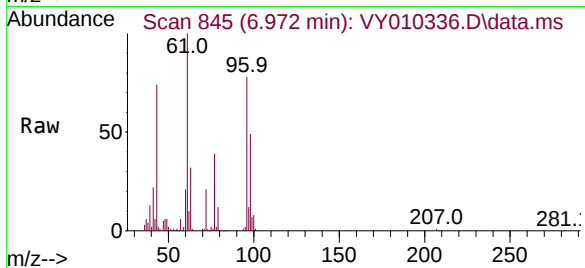
EP-4MSD

Tgt Ion: 77 Resp: 94381

Ion Ratio Lower Upper

77 100

97 28.4 10.4 31.4



#27

cis-1,2-Dichloroethene

Concen: 55.638 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

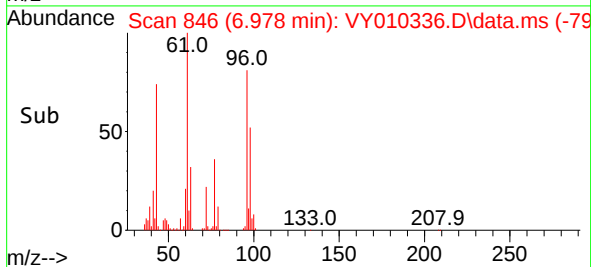
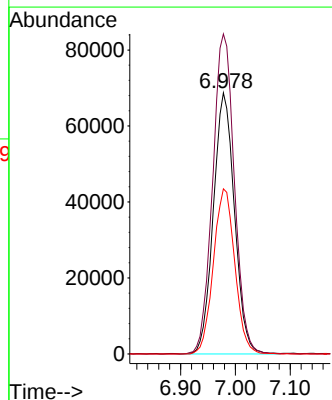
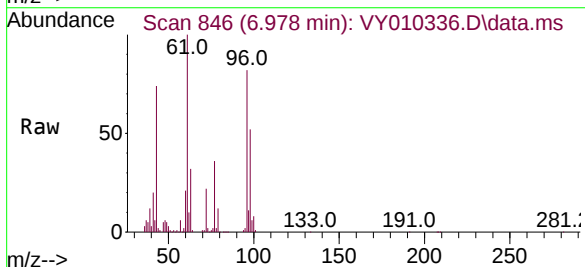
Tgt Ion: 96 Resp: 184365

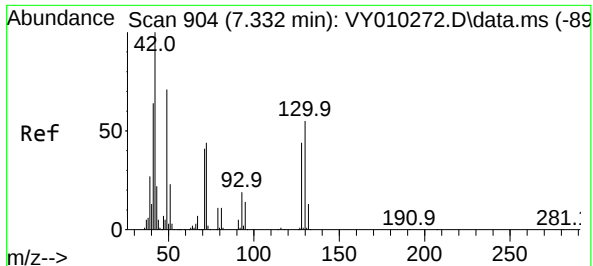
Ion Ratio Lower Upper

96 100

61 126.0 0.0 319.8

98 64.0 0.0 127.0

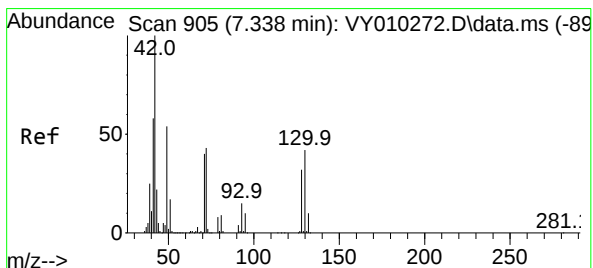
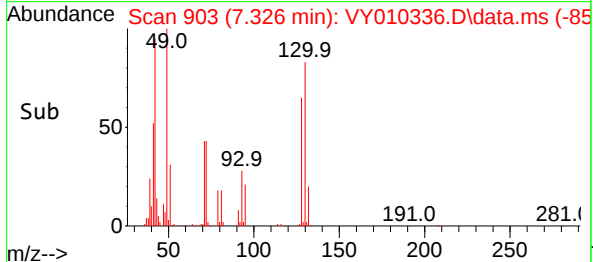
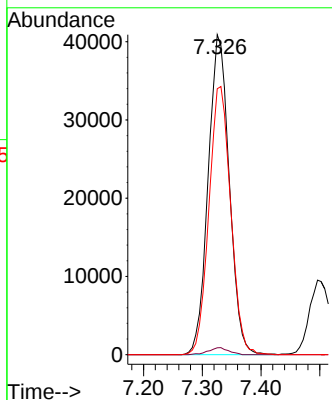
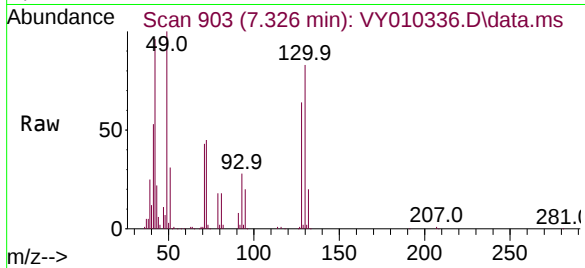




#28
Bromochloromethane
Concen: 55.062 ug/l
RT: 7.326 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

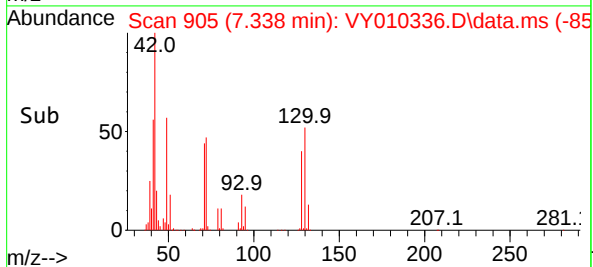
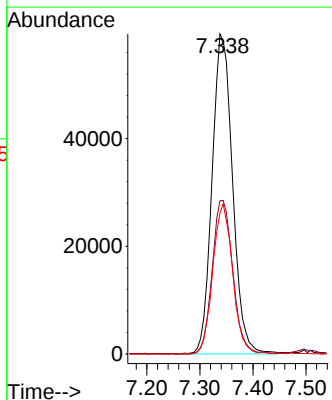
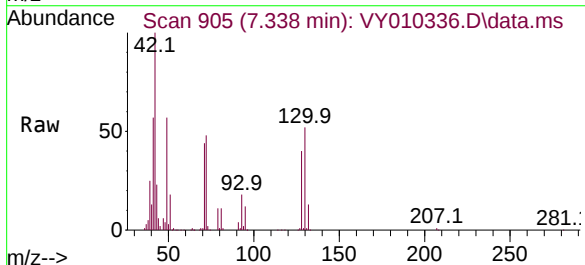
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

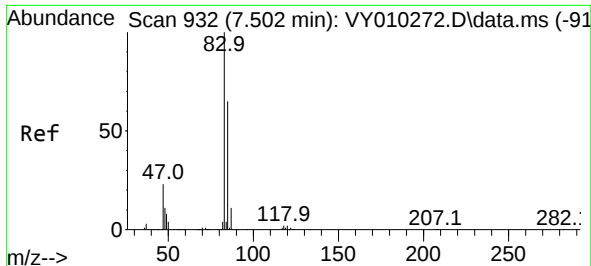
Tgt Ion: 49 Resp: 101957
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.2
130 86.4 55.4 83.0#



#29
Tetrahydrofuran
Concen: 230.560 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 42 Resp: 159716
Ion Ratio Lower Upper
42 100
72 48.1 30.3 45.5#
71 45.5 29.0 43.4#





#30

Chloroform

Concen: 57.993 ug/l

RT: 7.502 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

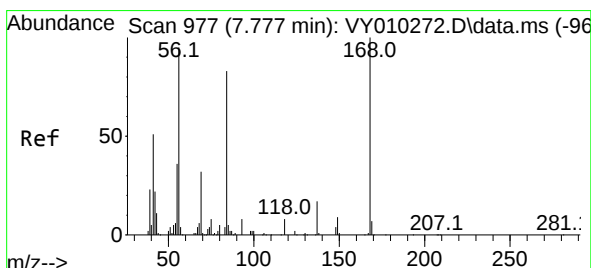
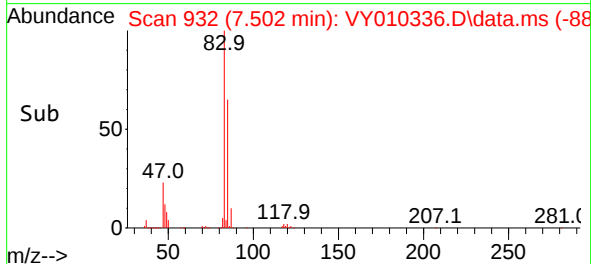
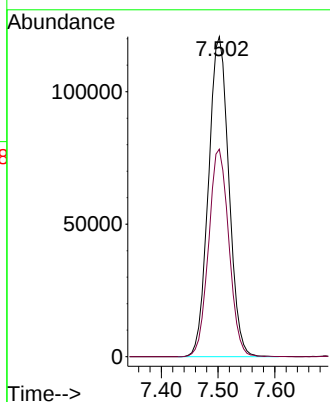
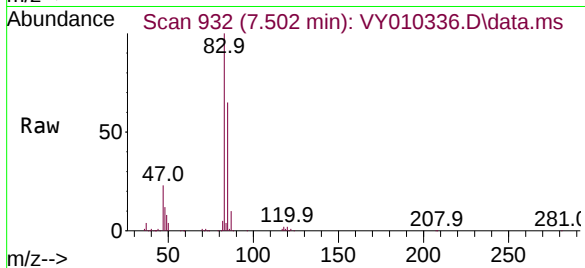
EP-4MSD

Tgt Ion: 83 Resp: 301124

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.6



#31

Cyclohexane

Concen: 48.429 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

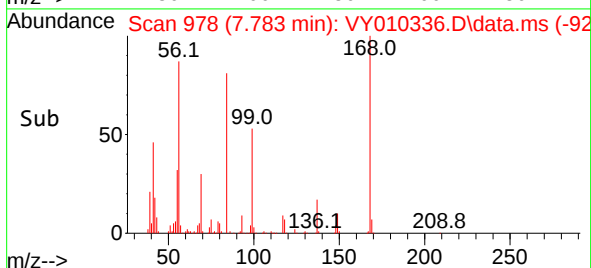
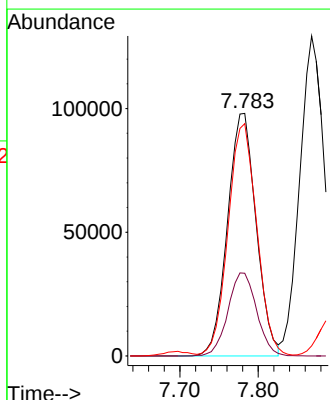
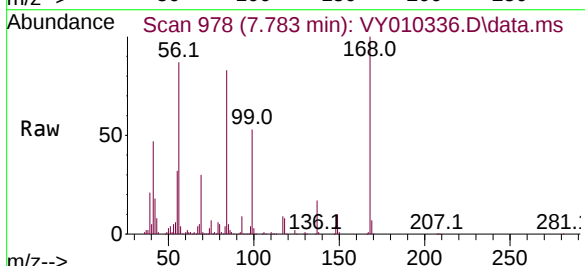
Tgt Ion: 56 Resp: 248992

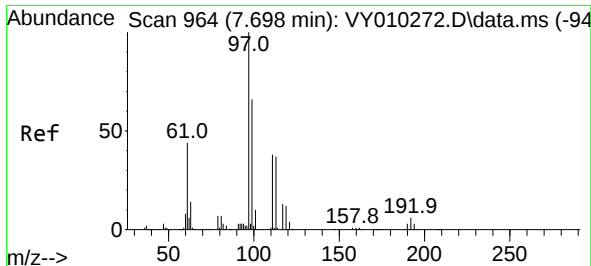
Ion Ratio Lower Upper

56 100

69 34.1 26.7 40.1

84 93.8 67.2 100.8





#32

1,1,1-Trichloroethane

Concen: 57.822 ug/l

RT: 7.697 min Scan# 9

Delta R.T. -0.001 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

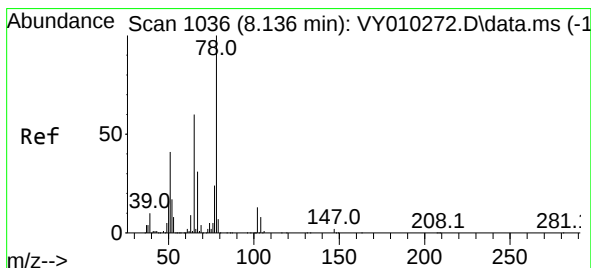
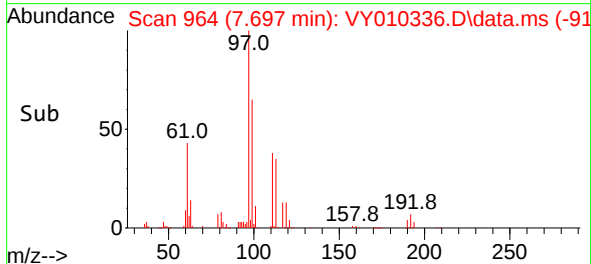
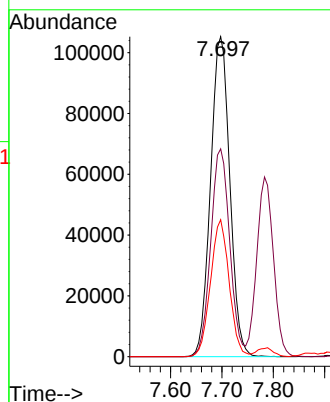
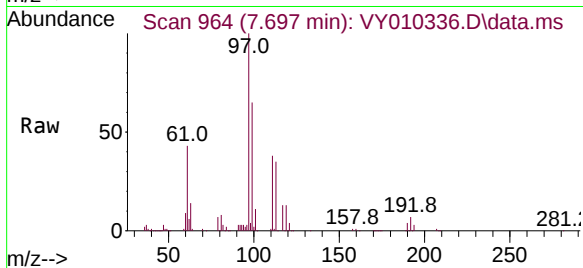
Tgt Ion: 97 Resp: 273567

Ion Ratio Lower Upper

97 100

99 64.3 50.7 76.1

61 41.6 37.6 56.4



#33

1,2-Dichloroethane-d4

Concen: 54.417 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010336.D

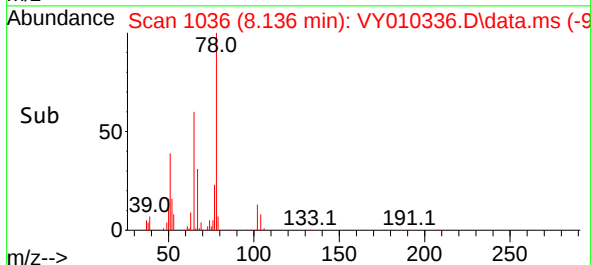
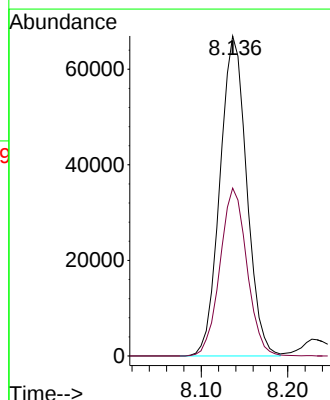
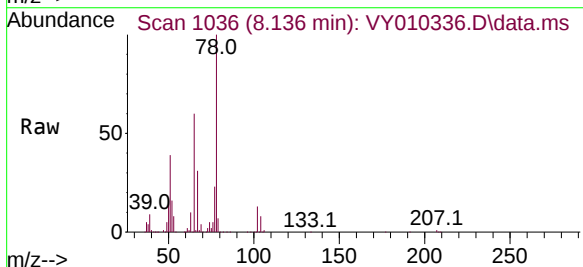
Acq: 03 Sep 2022 21:25

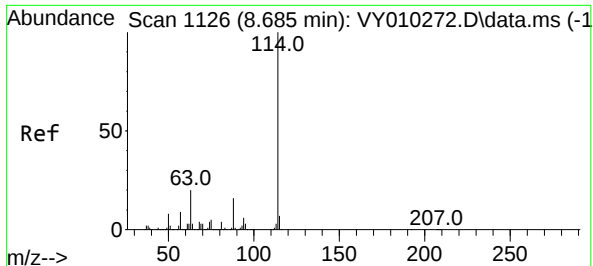
Tgt Ion: 65 Resp: 143422

Ion Ratio Lower Upper

65 100

67 52.9 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: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

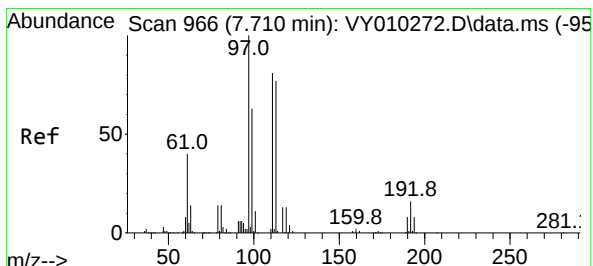
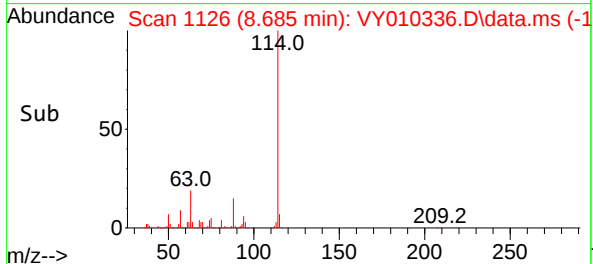
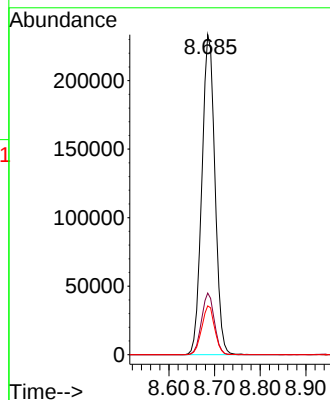
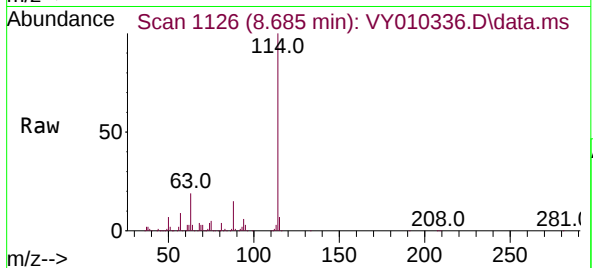
Tgt Ion:114 Resp: 463815

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.854 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

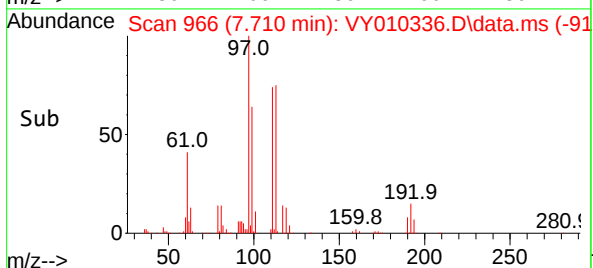
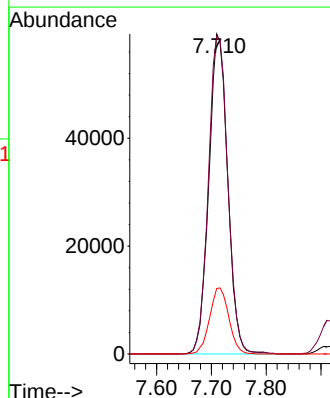
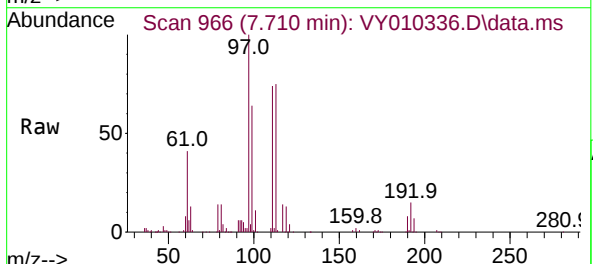
Tgt Ion:113 Resp: 141584

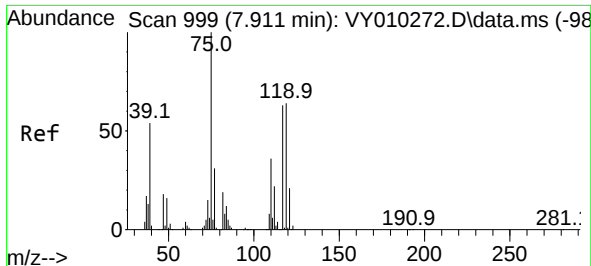
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 21.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 45.881 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

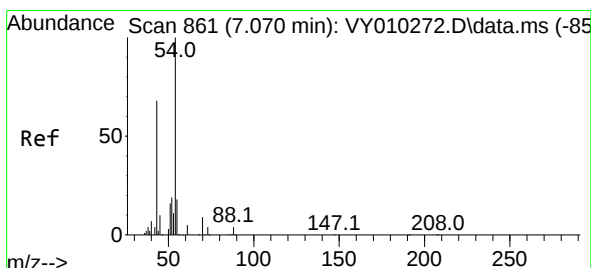
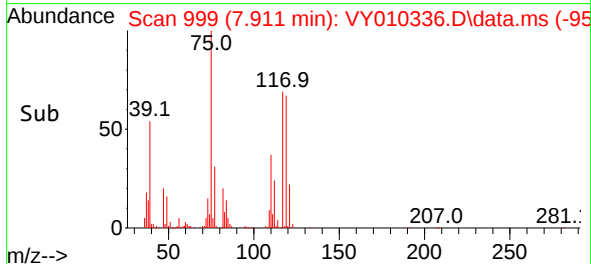
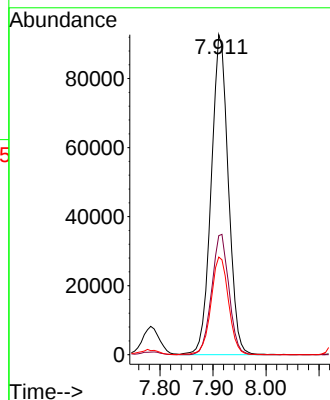
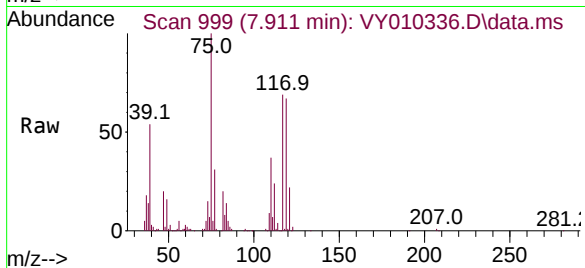
Tgt Ion: 75 Resp: 207854

Ion Ratio Lower Upper

75 100

110 37.8 17.1 51.2

77 31.3 24.4 36.6



#37

Ethyl Acetate

Concen: 67.591 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.092 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

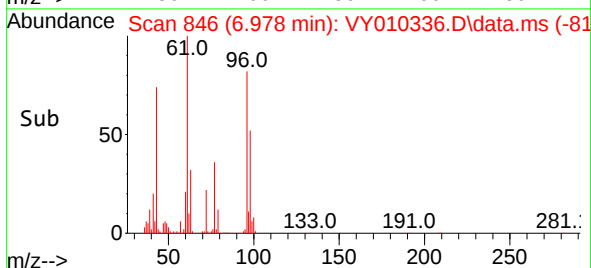
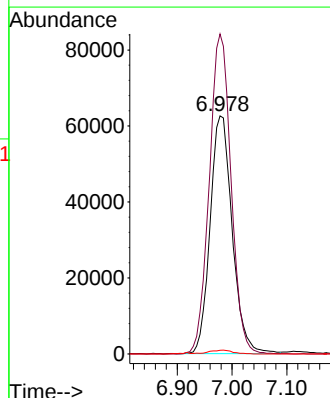
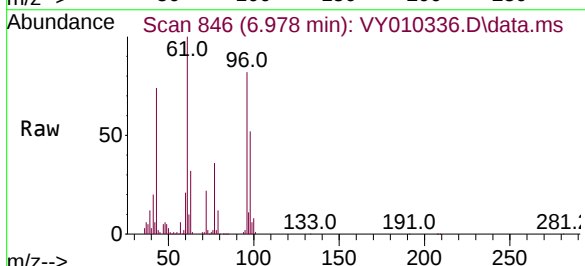
Tgt Ion: 43 Resp: 175561

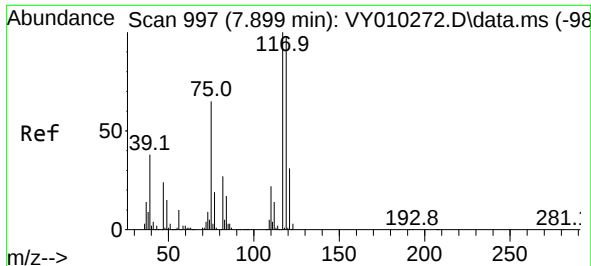
Ion Ratio Lower Upper

43 100

61 132.3 9.7 14.5#

70 1.7 7.1 10.7#

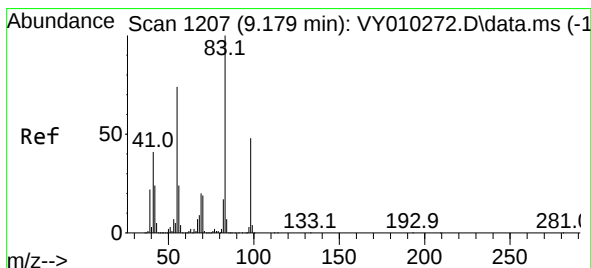
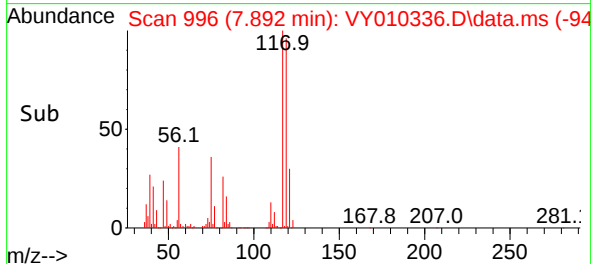
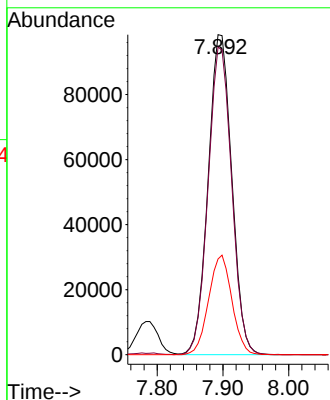
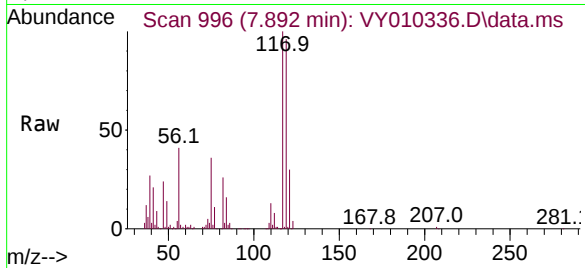




#38
Carbon Tetrachloride
Concen: 52.774 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.007 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

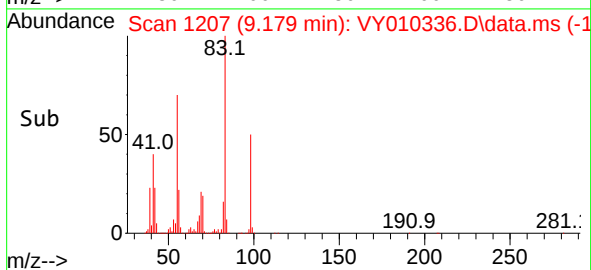
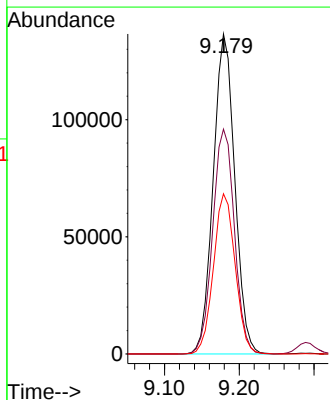
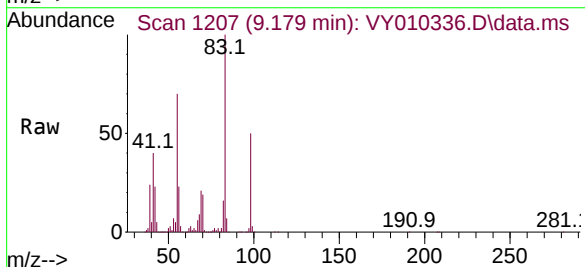
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

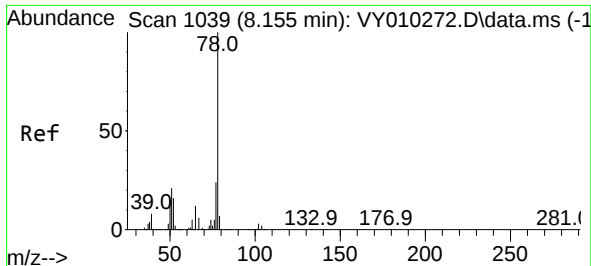
Tgt Ion:117 Resp: 246397
Ion Ratio Lower Upper
117 100
119 96.0 77.9 116.9
121 29.9 24.8 37.2



#39
Methylcyclohexane
Concen: 46.804 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 83 Resp: 273742
Ion Ratio Lower Upper
83 100
55 70.2 66.5 99.7
98 50.1 37.9 56.9

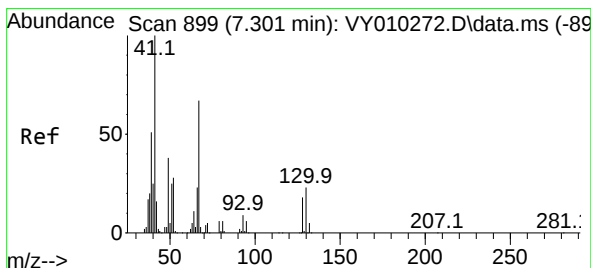
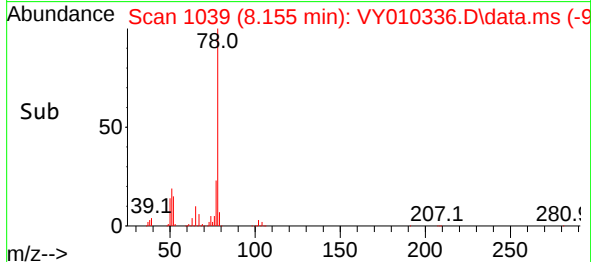
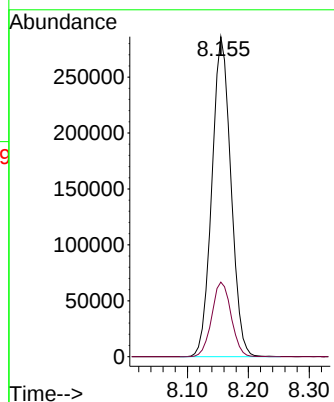
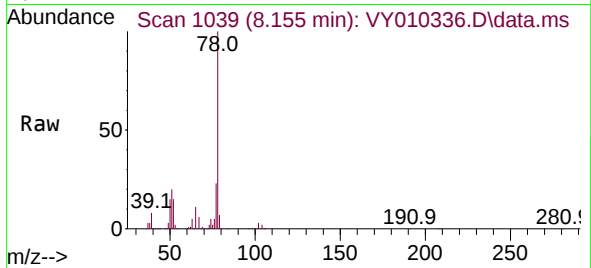




#40
Benzene
Concen: 47.833 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

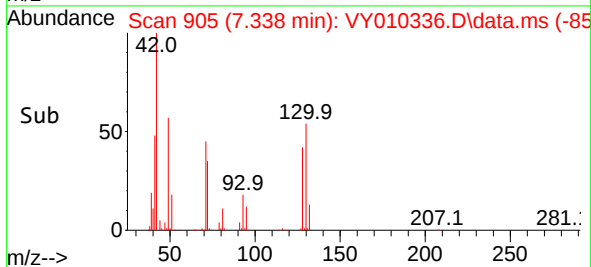
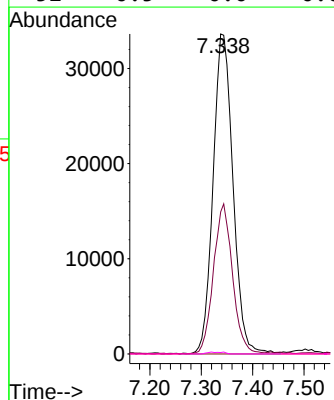
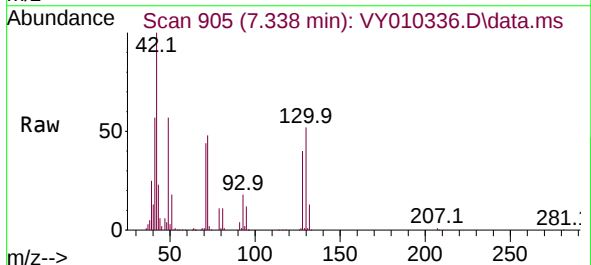
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

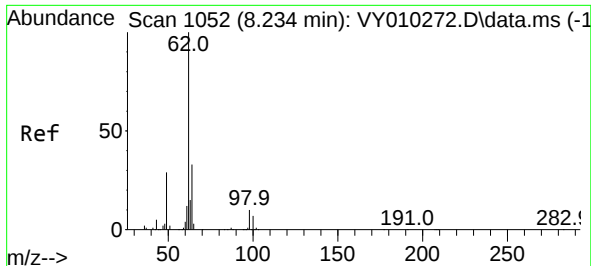
Tgt Ion: 78 Resp: 620616
Ion Ratio Lower Upper
78 100
77 23.3 20.4 30.6



#41
Methacrylonitrile
Concen: 61.827 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 41 Resp: 90536
Ion Ratio Lower Upper
41 100
39 45.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.5 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 50.460 ug/l

RT: 8.234 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

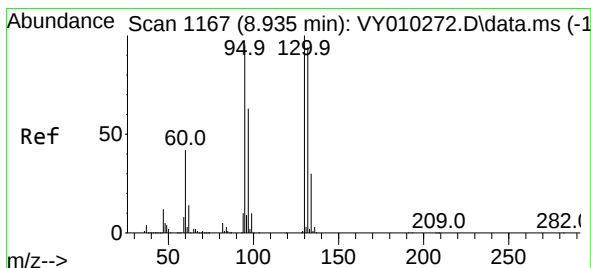
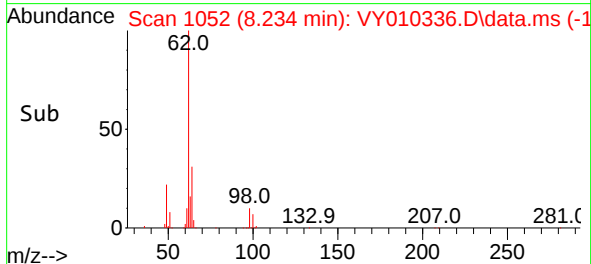
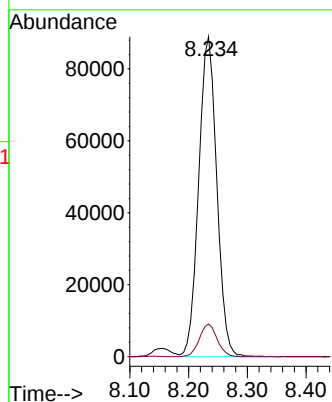
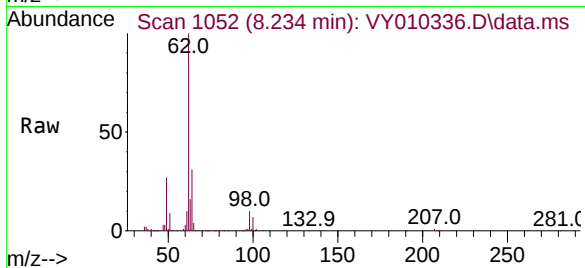
EP-4MSD

Tgt Ion: 62 Resp: 189825

Ion Ratio Lower Upper

62 100

98 10.0 0.0 14.8



#44

Trichloroethene

Concen: 49.426 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY010336.D

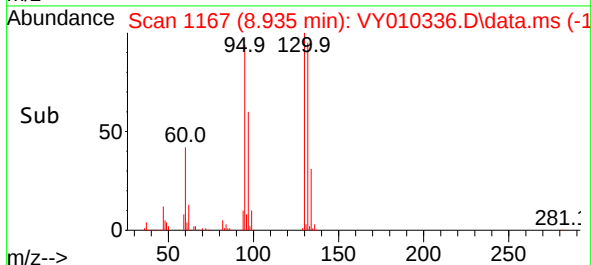
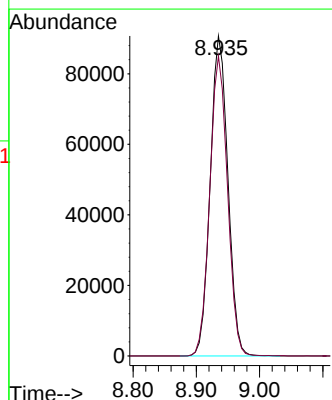
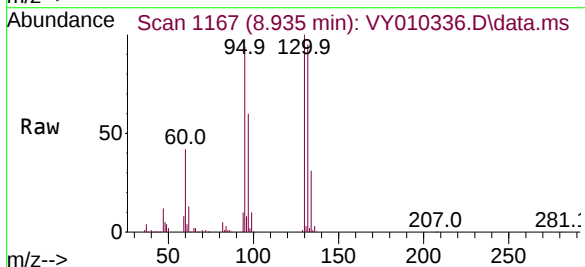
Acq: 03 Sep 2022 21:25

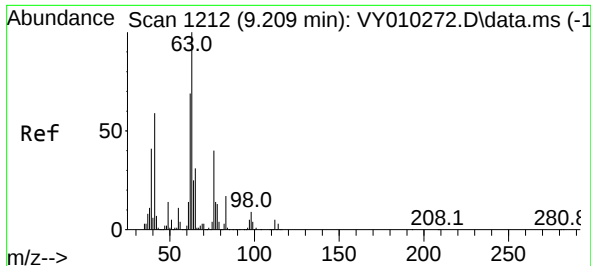
Tgt Ion:130 Resp: 176049

Ion Ratio Lower Upper

130 100

95 93.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.280 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

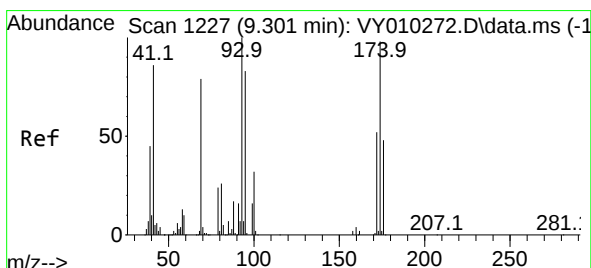
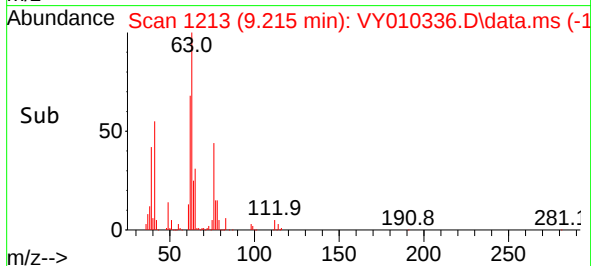
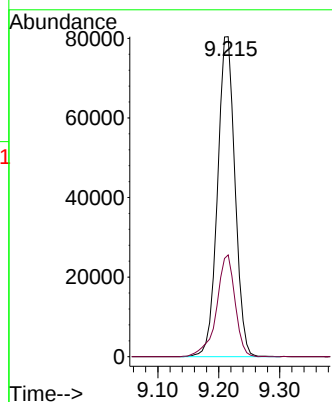
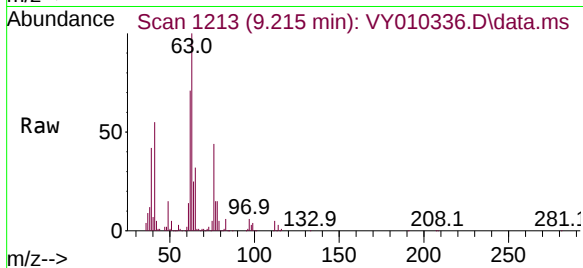
EP-4MSD

Tgt Ion: 63 Resp: 159594

Ion Ratio Lower Upper

63 100

65 31.8 23.0 34.6



#46

Dibromomethane

Concen: 51.093 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

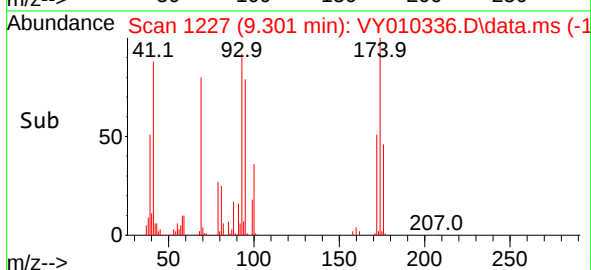
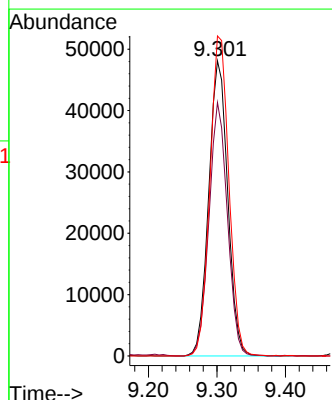
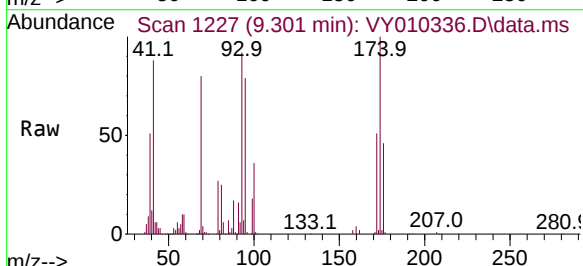
Tgt Ion: 93 Resp: 92765

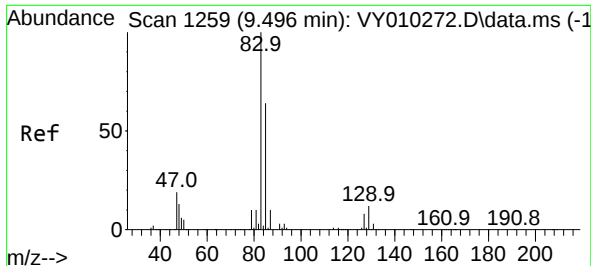
Ion Ratio Lower Upper

93 100

95 83.3 64.3 96.5

174 108.3 83.4 125.0





#47

Bromodichloromethane

Concen: 50.583 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

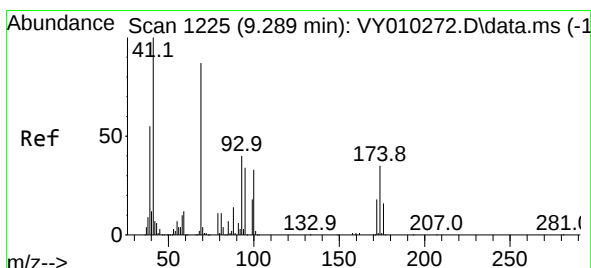
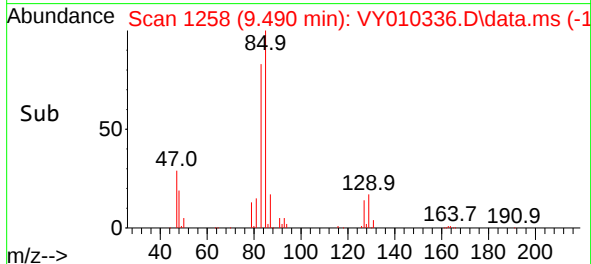
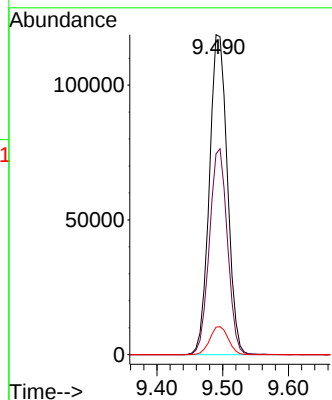
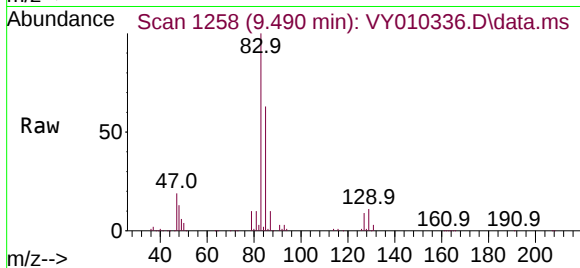
Tgt Ion: 83 Resp: 225850

Ion Ratio Lower Upper

83 100

85 62.8 51.9 77.9

127 8.6 6.6 10.0



#48

Methyl methacrylate

Concen: 57.937 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

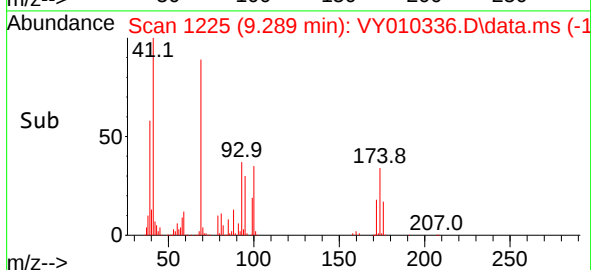
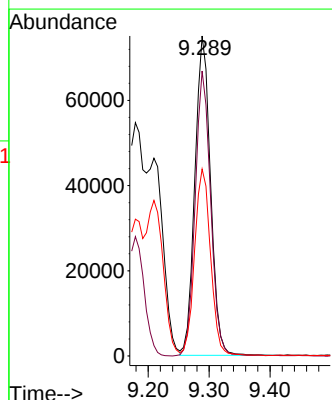
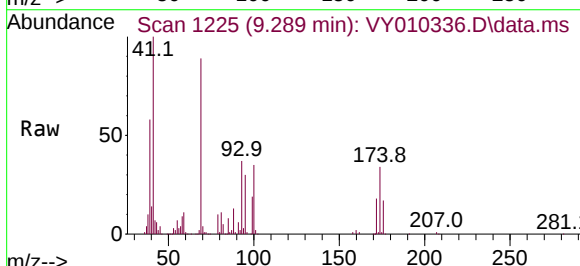
Tgt Ion: 41 Resp: 133808

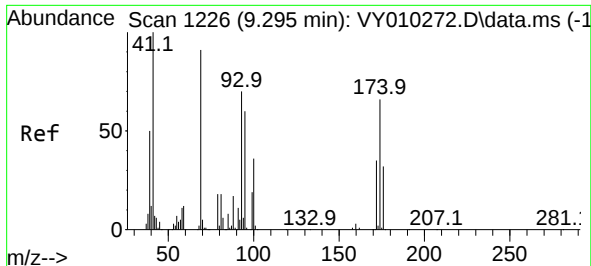
Ion Ratio Lower Upper

41 100

69 88.5 58.2 87.2#

39 59.8 47.4 71.0





#49

1,4-Dioxane

Concen: 999.389 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

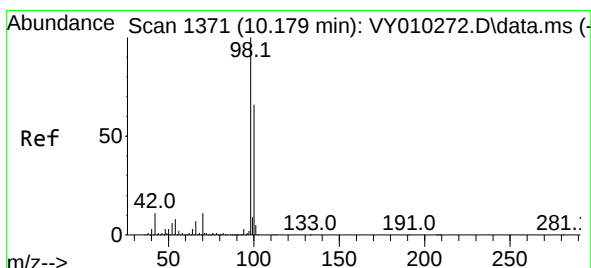
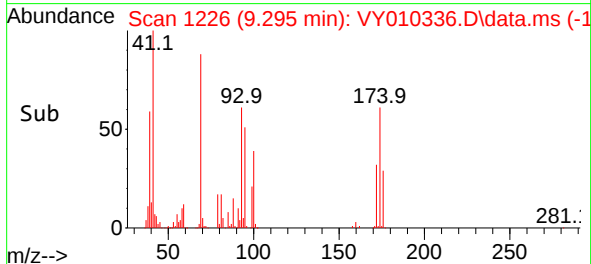
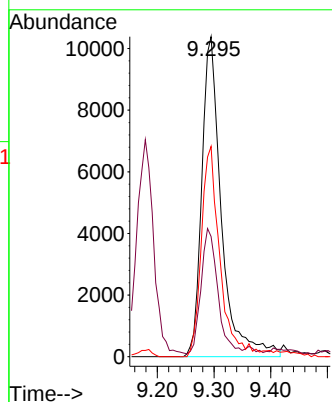
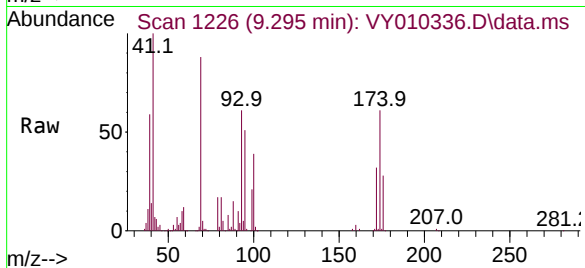
Tgt Ion: 88 Resp: 24967

Ion Ratio Lower Upper

88 100

43 33.2 32.8 49.2

58 62.1 59.8 89.6



#50

Toluene-d8

Concen: 46.980 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010336.D

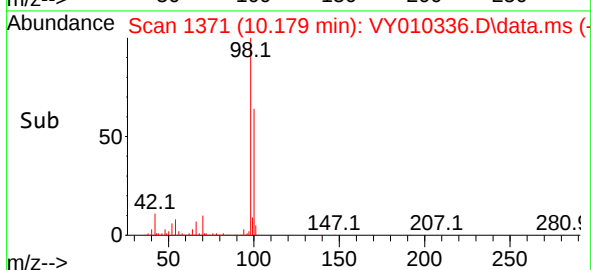
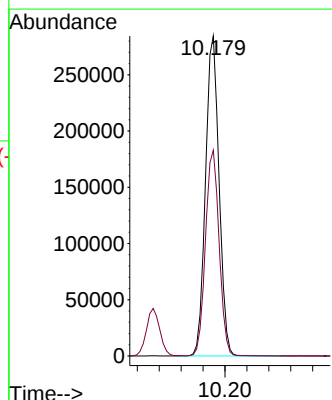
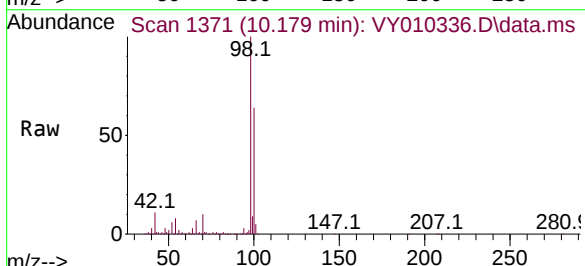
Acq: 03 Sep 2022 21:25

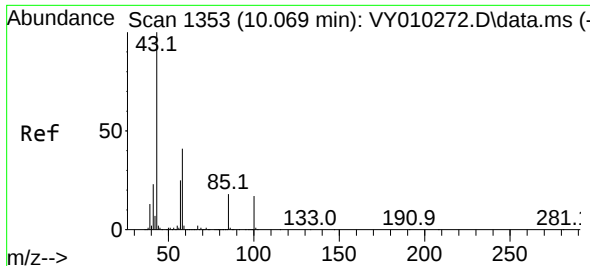
Tgt Ion: 98 Resp: 485662

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

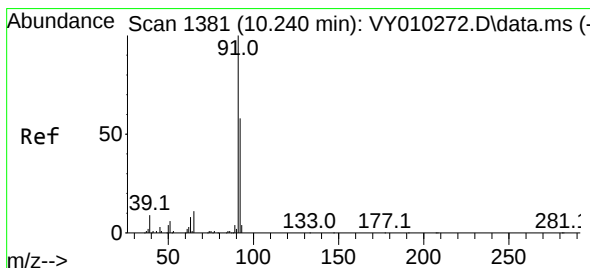
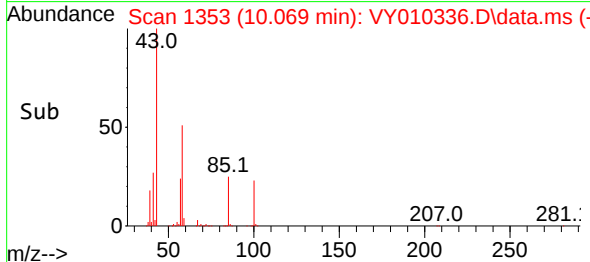
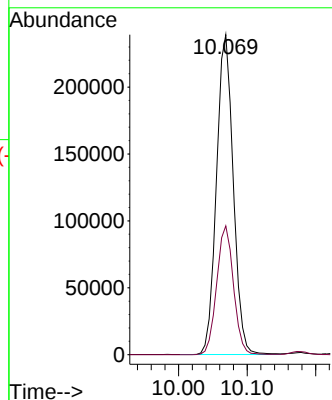
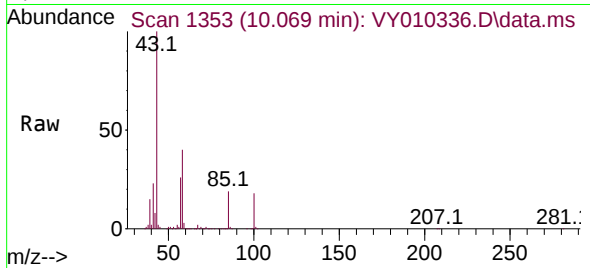




#51
4-Methyl-2-Pentanone
Concen: 158.560 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

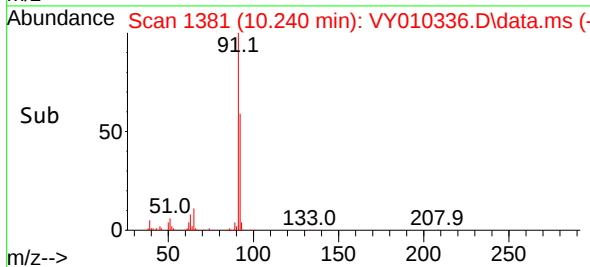
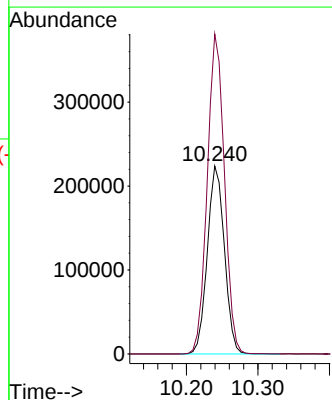
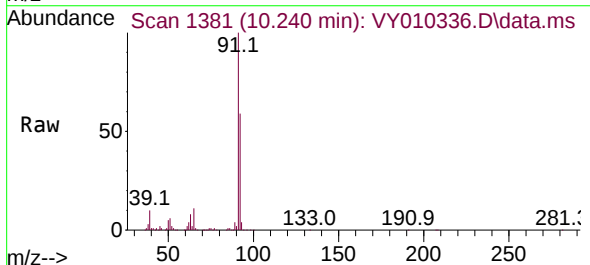
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

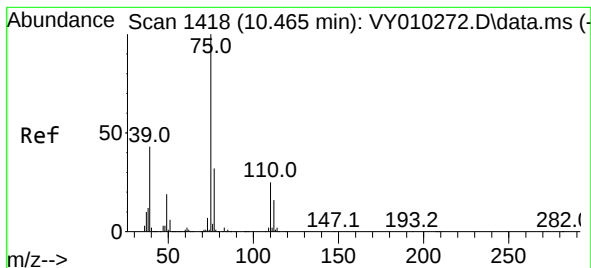
Tgt Ion: 43 Resp: 405031
Ion Ratio Lower Upper
43 100
58 40.3 28.1 42.1



#52
Toluene
Concen: 44.762 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 92 Resp: 371513
Ion Ratio Lower Upper
92 100
91 171.0 142.6 213.8

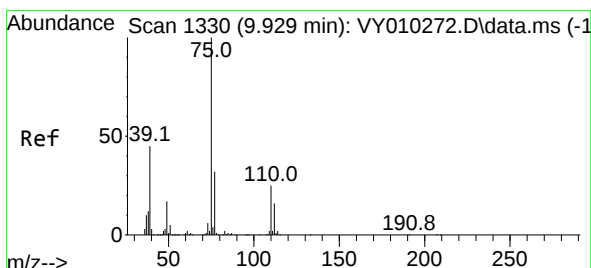
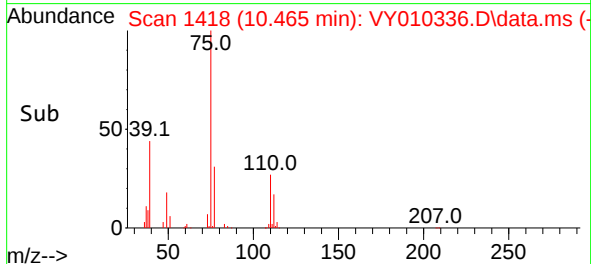
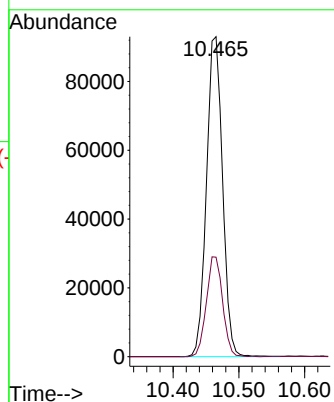
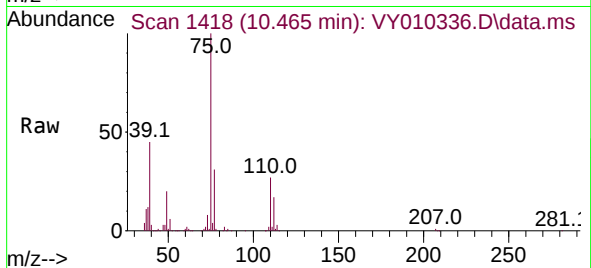




#53
t-1,3-Dichloropropene
Concen: 32.833 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

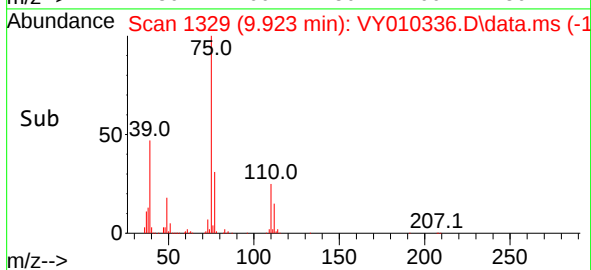
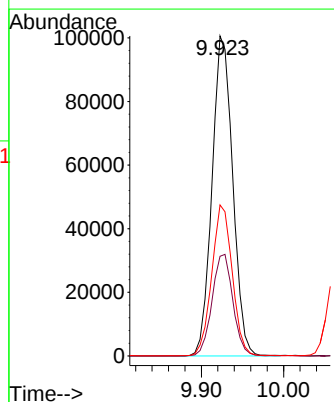
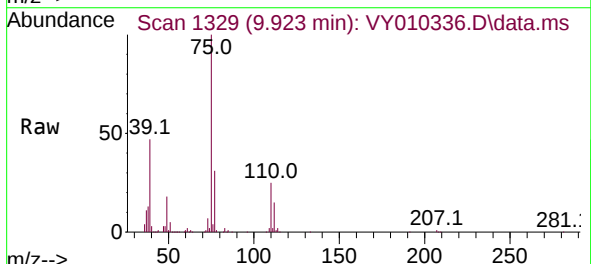
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

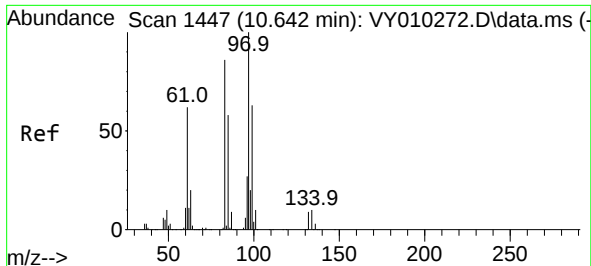
Tgt Ion: 75 Resp: 158116
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 32.443 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 75 Resp: 176174
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 47.1 47.6 71.4#



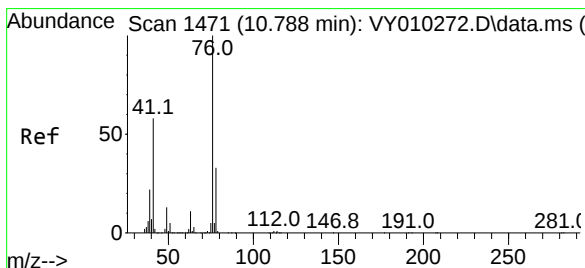
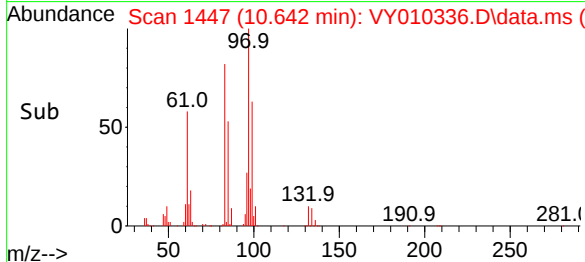
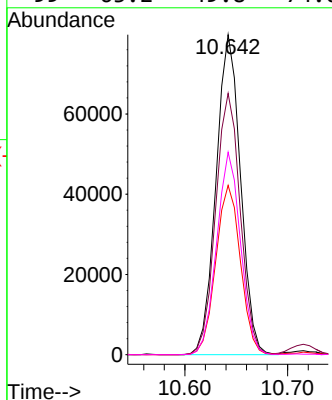
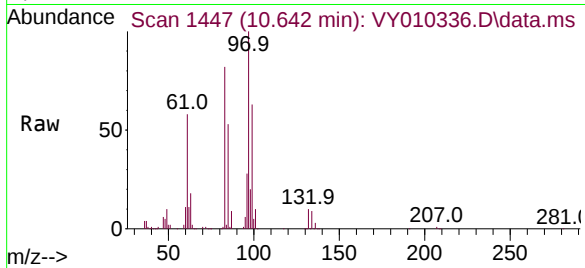


#55
1,1,2-Trichloroethane
Concen: 51.116 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

Tgt Ion: 97 Resp: 131742

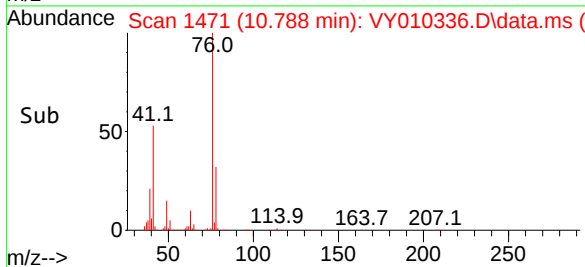
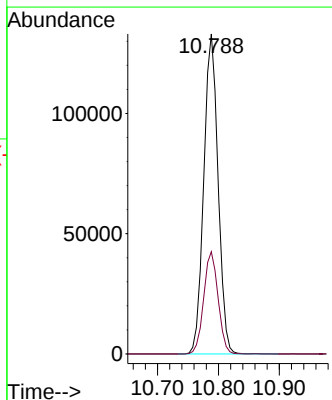
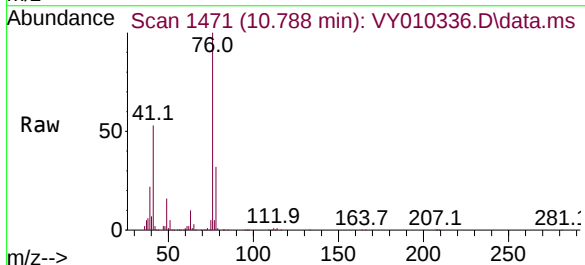
Ion	Ratio	Lower	Upper
97	100		
83	81.6	69.8	104.8
85	52.9	44.3	66.5
99	63.2	49.8	74.6

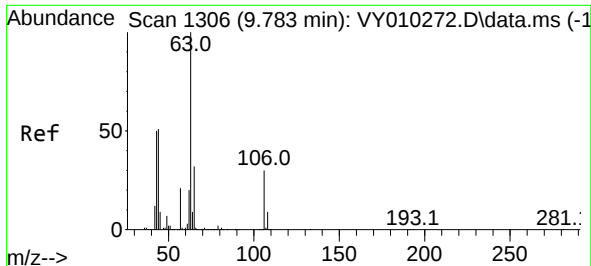


#57
1,3-Dichloropropane
Concen: 48.237 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 76 Resp: 216693

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.0	37.6

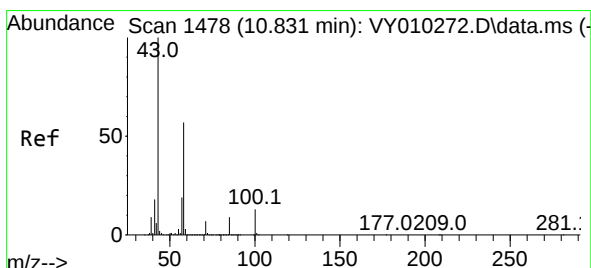
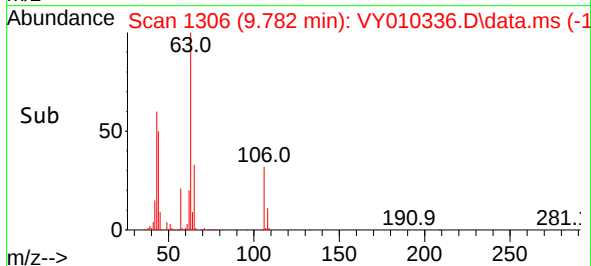
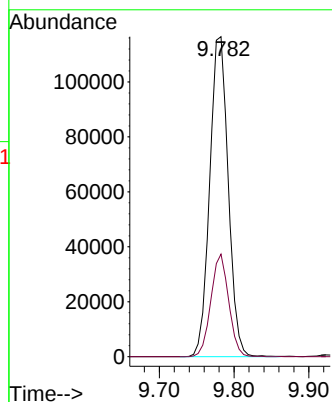
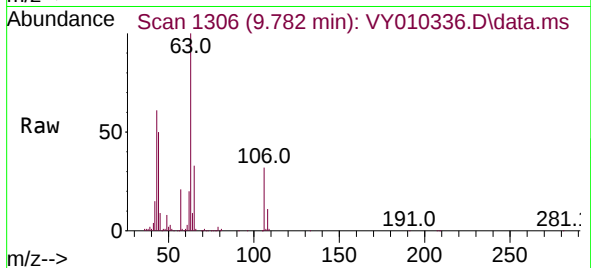




#58
2-Chloroethyl Vinyl ether
Concen: 189.549 ug/l
RT: 9.782 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

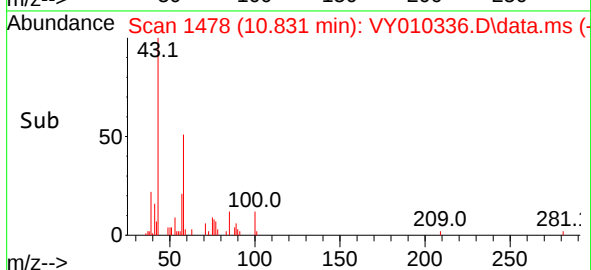
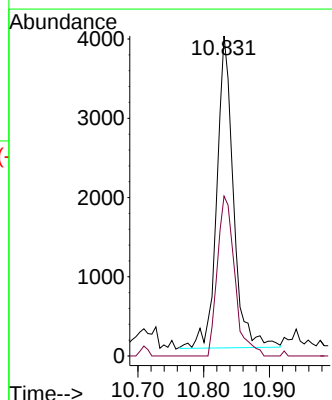
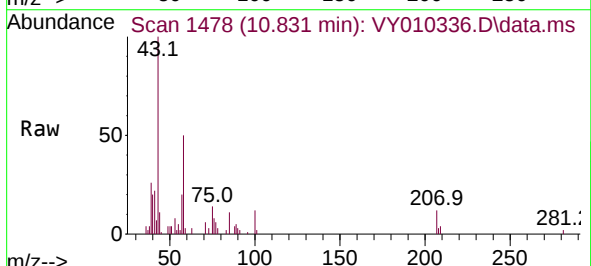
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

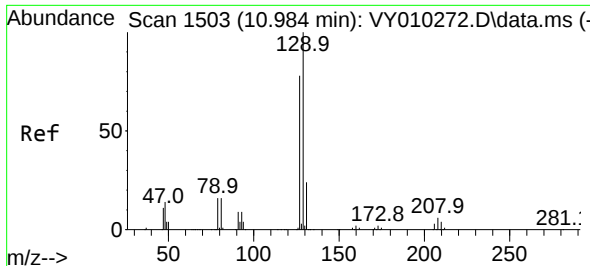
Tgt Ion: 63 Resp: 200367
Ion Ratio Lower Upper
63 100
106 30.7 21.5 32.3



#59
2-Hexanone
Concen: 3.911 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 43 Resp: 6928
Ion Ratio Lower Upper
43 100
58 53.4 24.4 73.4

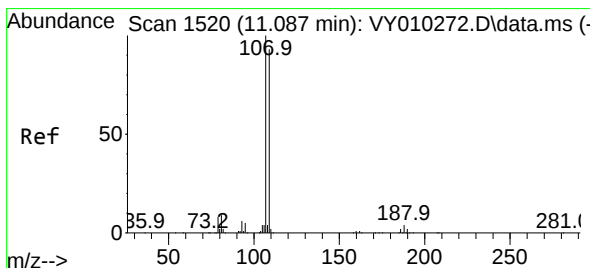
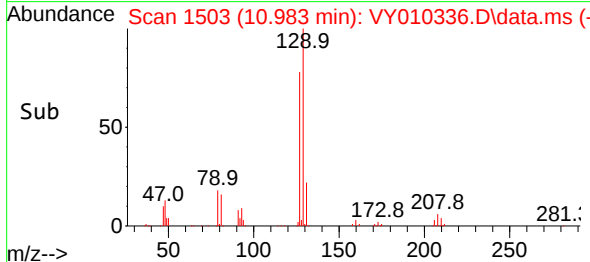
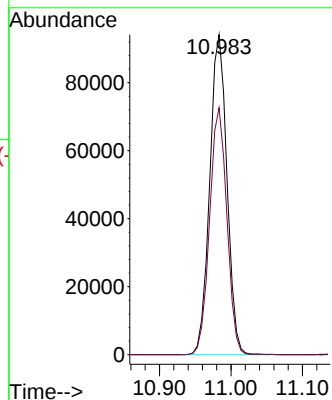
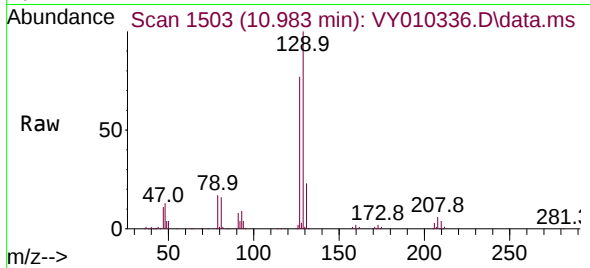




#60
Dibromochloromethane
Concen: 50.613 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

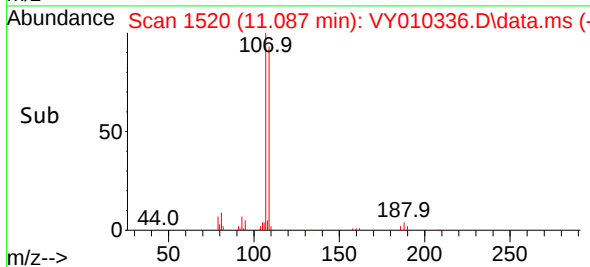
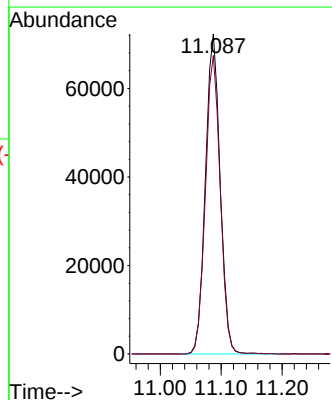
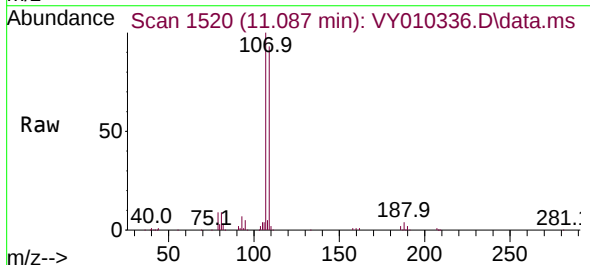
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

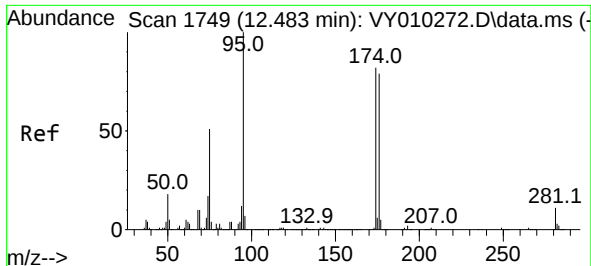
Tgt Ion:129 Resp: 157188
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1



#61
1,2-Dibromoethane
Concen: 48.598 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion:107 Resp: 121043
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2

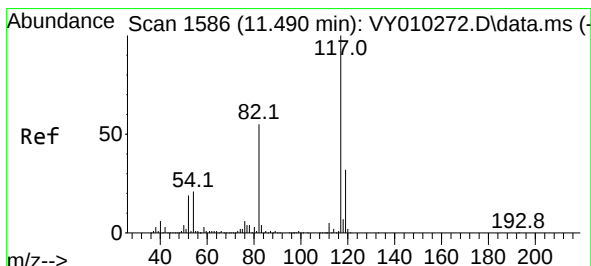
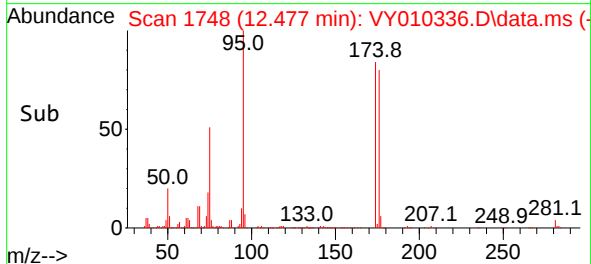
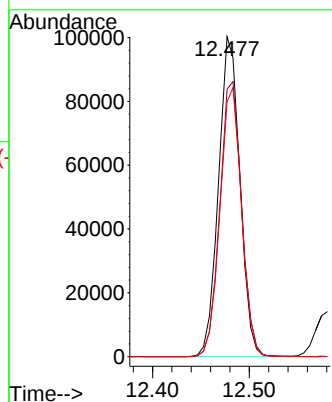
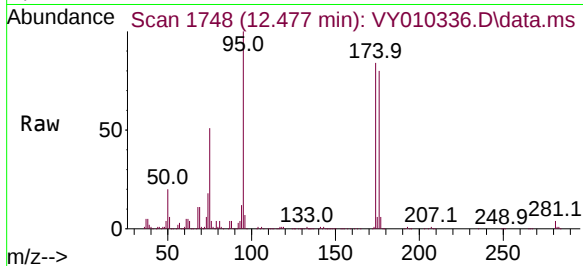




#62
4-Bromofluorobenzene
Concen: 35.183 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

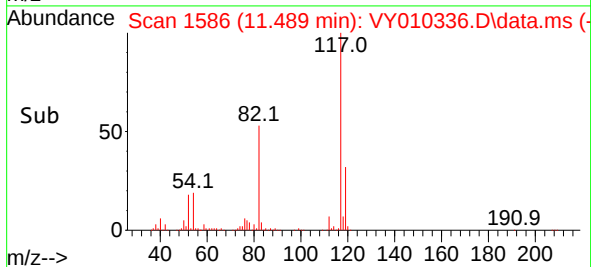
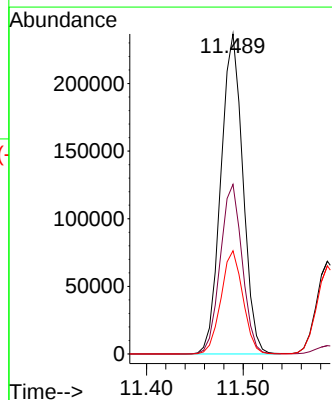
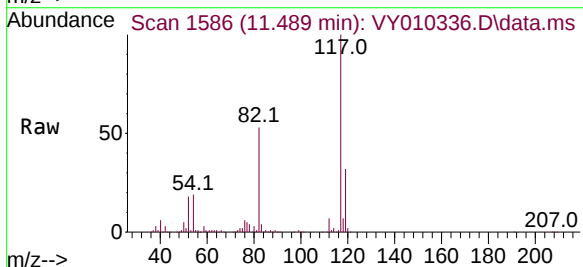
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

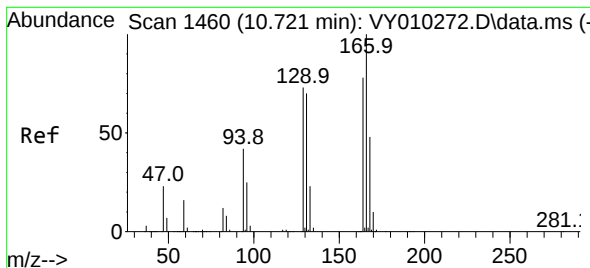
Tgt Ion: 95 Resp: 153402
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 85.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 117 Resp: 373435
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.2 25.4 38.0





#64

Tetrachloroethene

Concen: 63.092 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

Tgt Ion:164 Resp: 192144

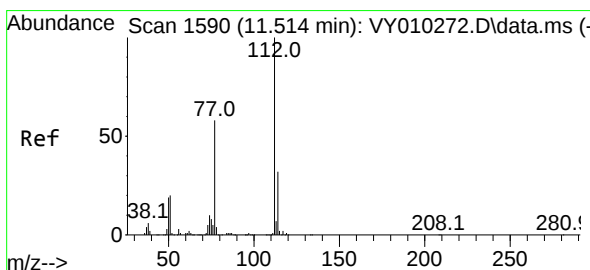
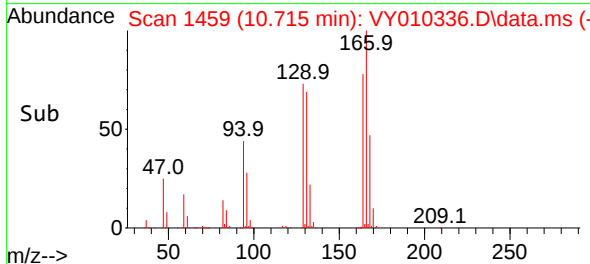
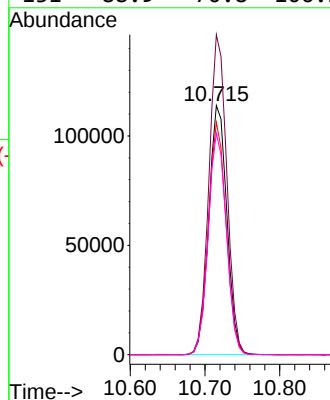
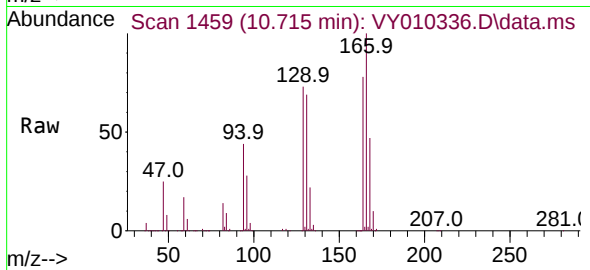
Ion Ratio Lower Upper

164 100

166 128.5 100.4 150.6

129 93.2 71.4 107.0

131 88.9 70.8 106.2



#65

Chlorobenzene

Concen: 48.333 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY010336.D

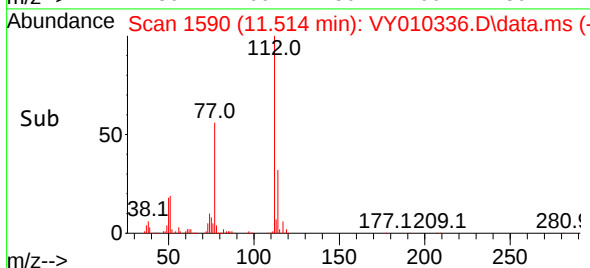
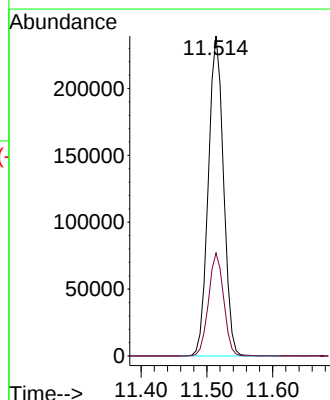
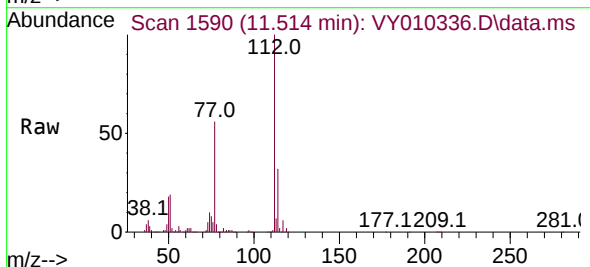
Acq: 03 Sep 2022 21:25

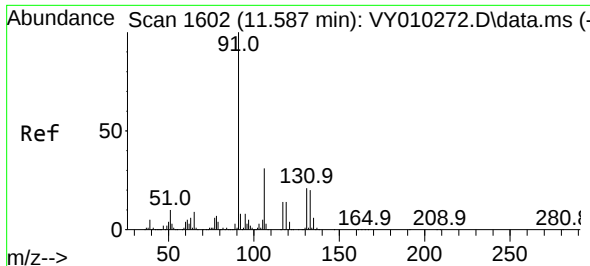
Tgt Ion:112 Resp: 384610

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6

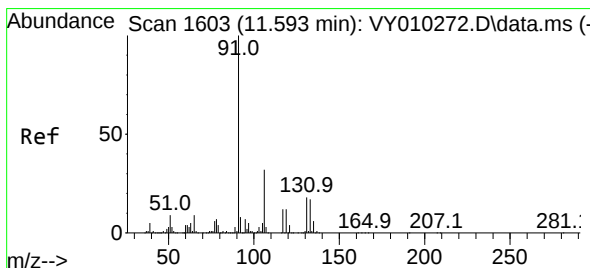
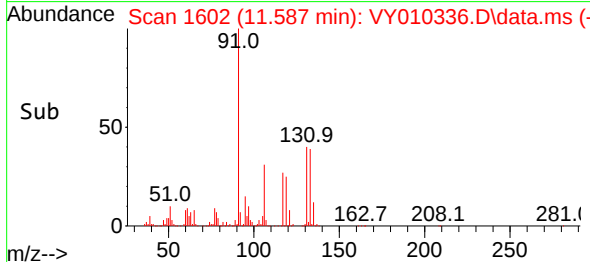
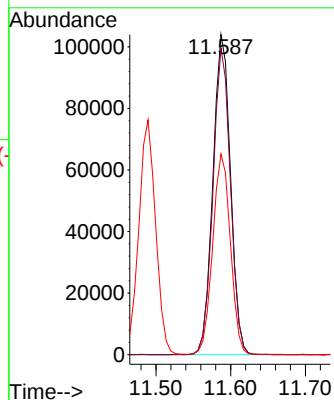
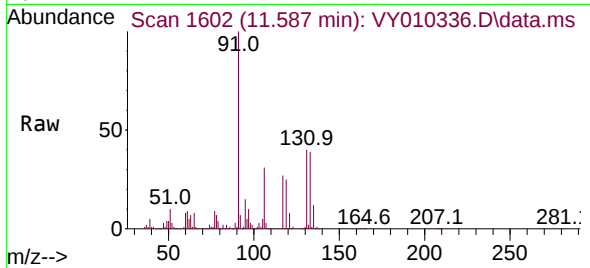




#66
1,1,1,2-Tetrachloroethane
Concen: 58.128 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

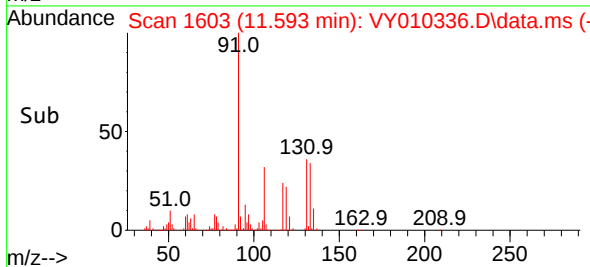
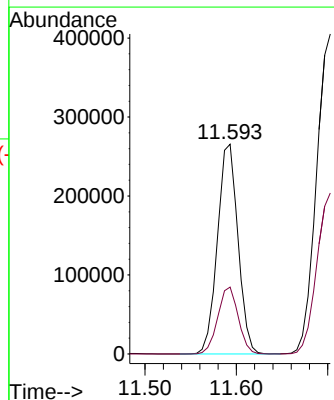
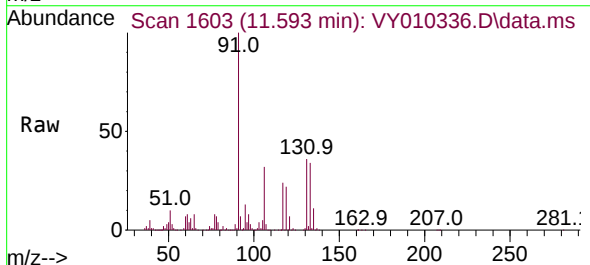
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

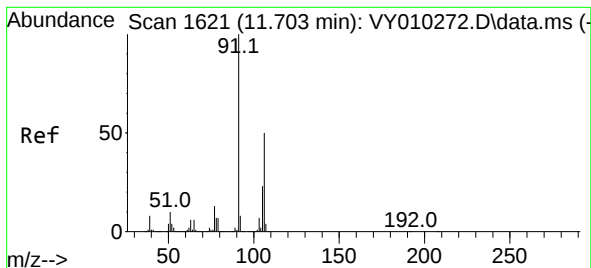
Tgt Ion:131 Resp: 169849
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 63.3 30.8 92.3



#67
Ethyl Benzene
Concen: 28.473 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 91 Resp: 414908
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7

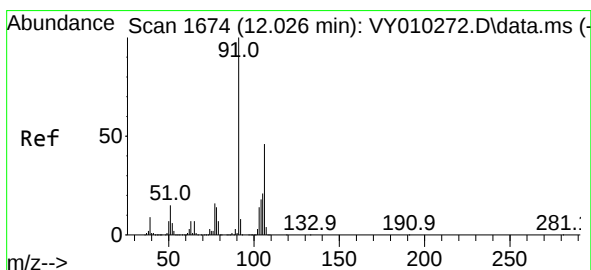
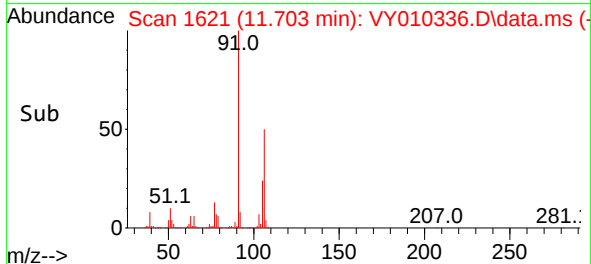
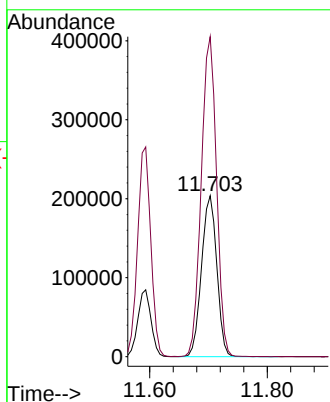
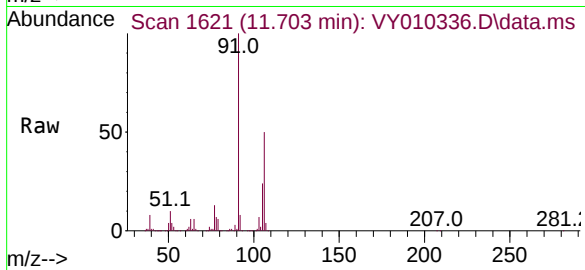




#68
m/p-Xylenes
Concen: 66.094 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

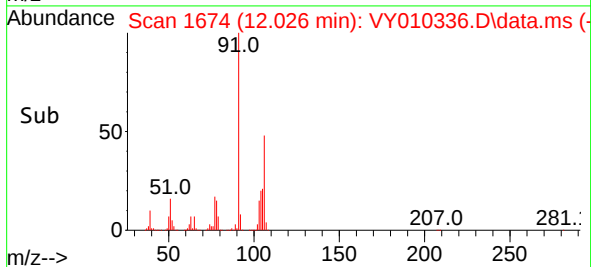
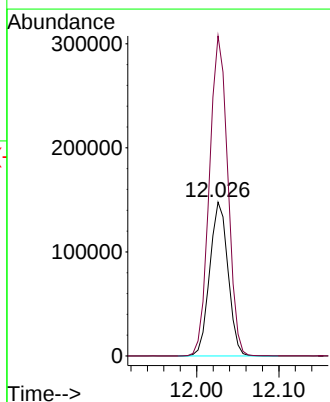
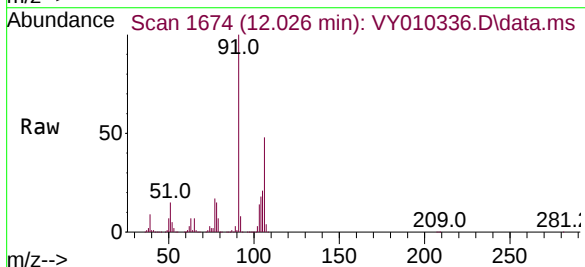
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

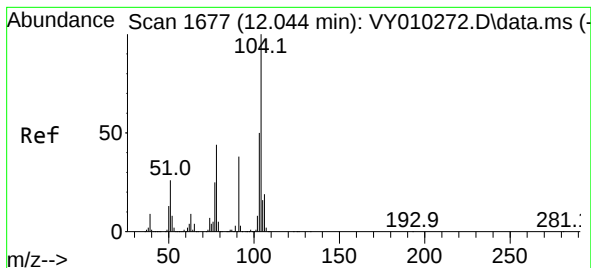
Tgt Ion:106 Resp: 367920
Ion Ratio Lower Upper
106 100
91 198.8 166.6 249.8



#69
o-Xylene
Concen: 42.144 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion:106 Resp: 227777
Ion Ratio Lower Upper
106 100
91 209.8 110.3 331.0





#70

Styrene

Concen: 31.607 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

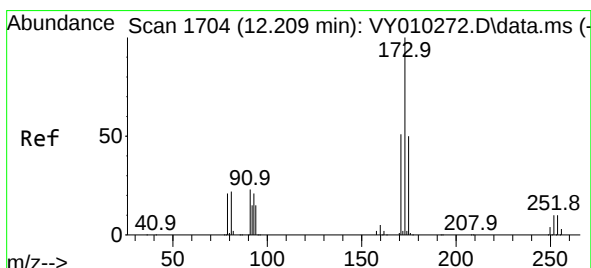
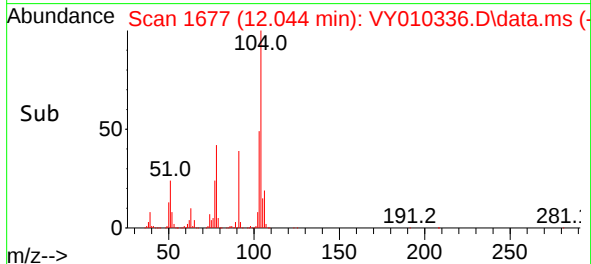
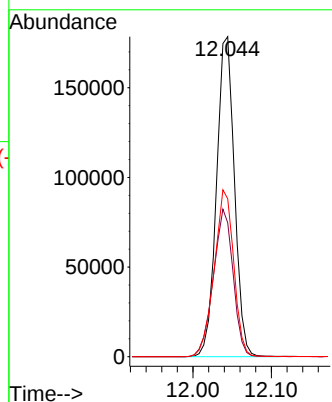
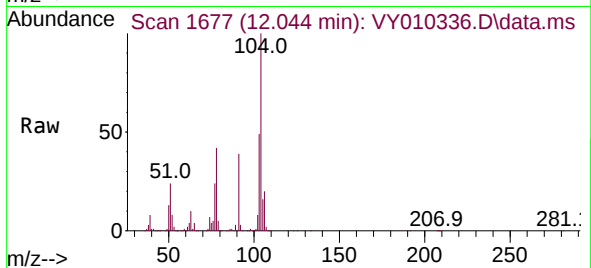
Tgt Ion:104 Resp: 284555

Ion Ratio Lower Upper

104 100

78 50.7 42.4 63.6

103 56.7 44.4 66.6



#71

Bromoform

Concen: 53.636 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

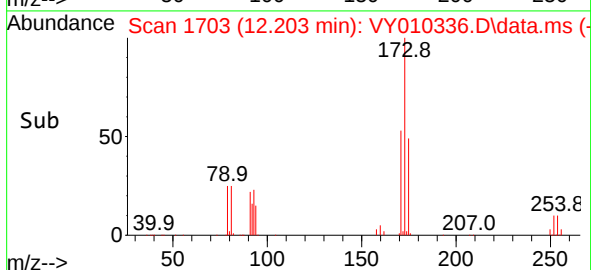
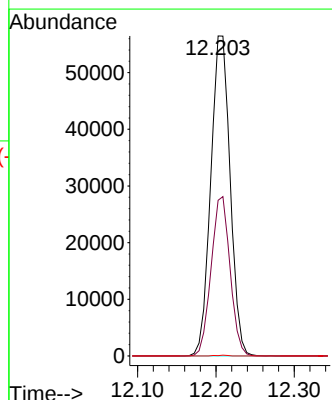
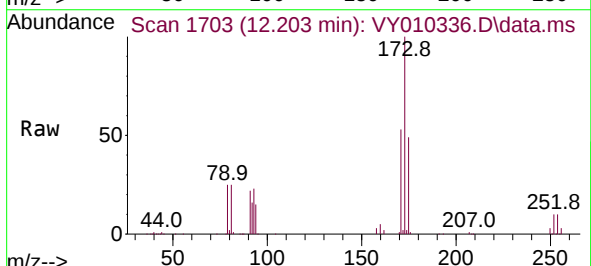
Tgt Ion:173 Resp: 96881

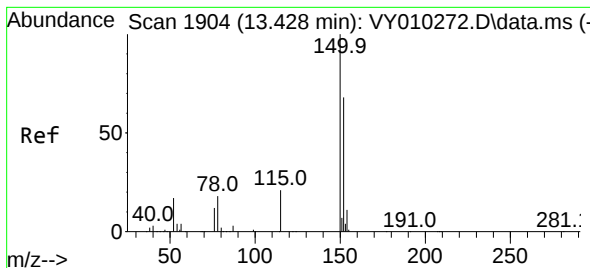
Ion Ratio Lower Upper

173 100

175 48.7 24.6 74.0

254 0.1 0.0 0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

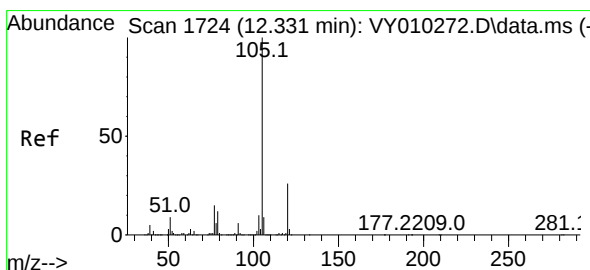
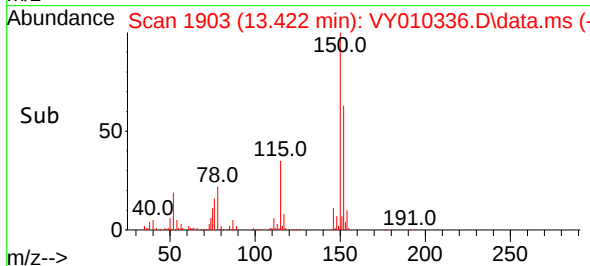
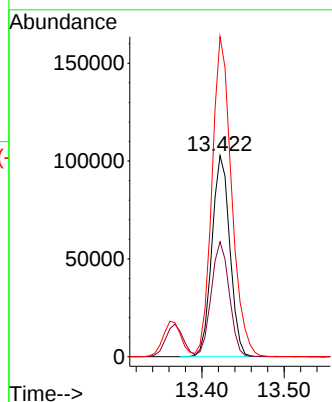
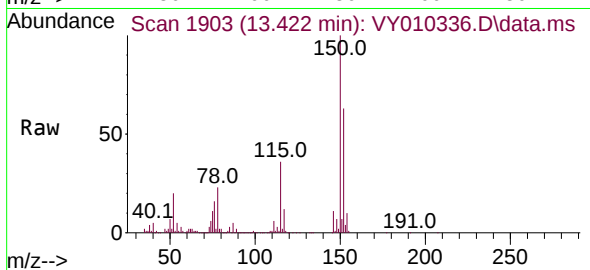
Tgt Ion:152 Resp: 155728

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 173.7 0.0 347.6



#73

Isopropylbenzene

Concen: 36.319 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY010336.D

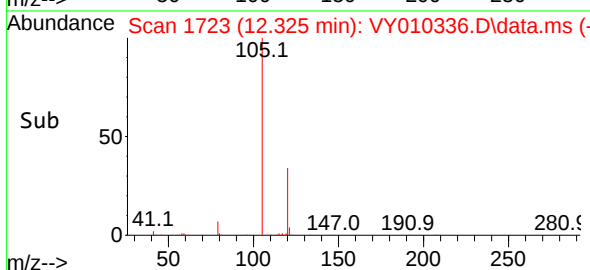
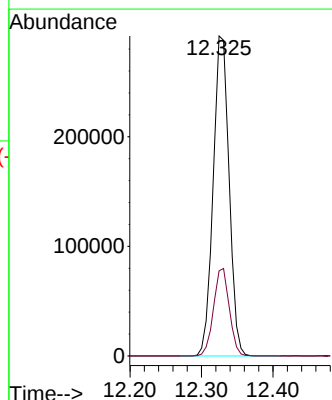
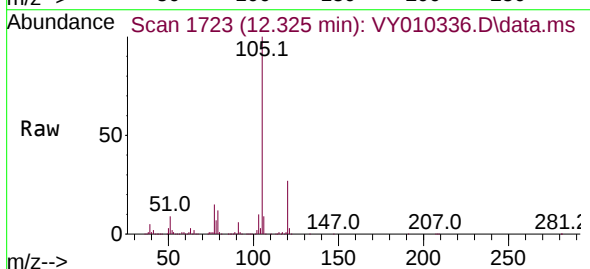
Acq: 03 Sep 2022 21:25

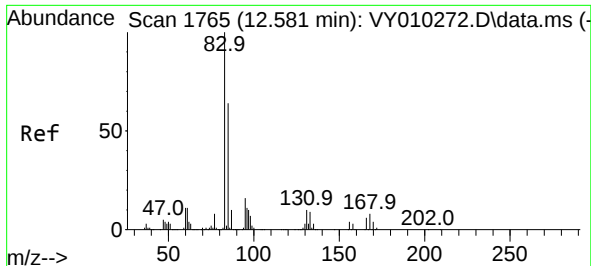
Tgt Ion:105 Resp: 451239

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2

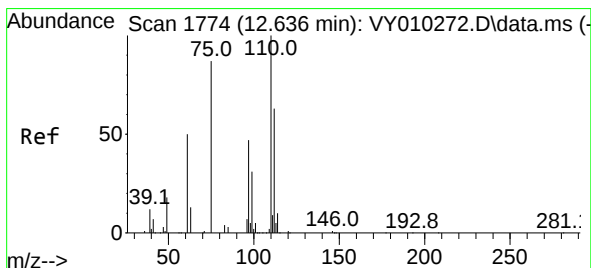
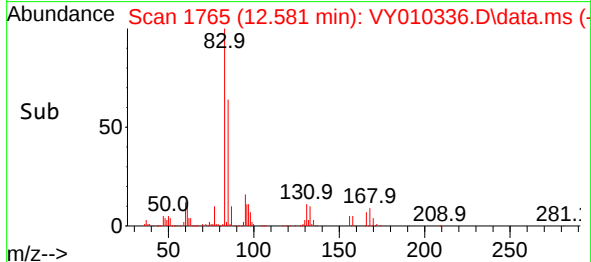
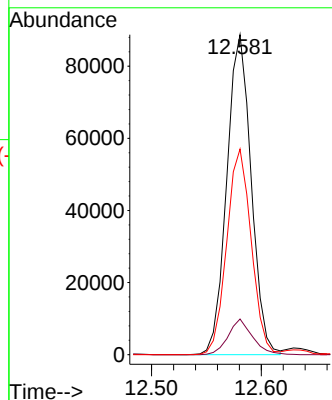
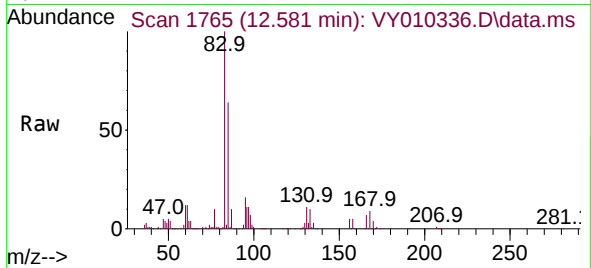




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.465 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY010336.D
 Acq: 03 Sep 2022 21:25

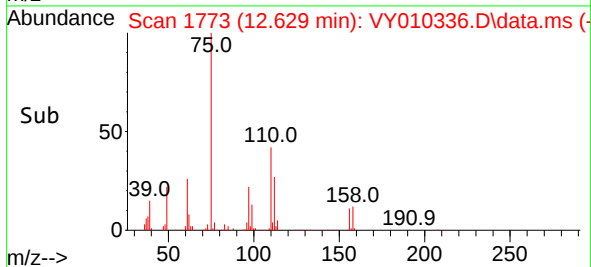
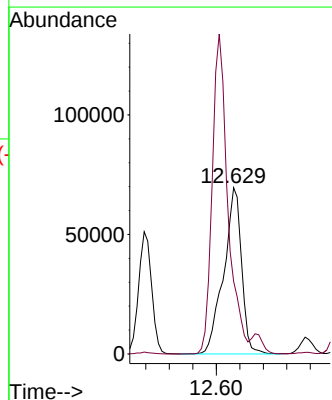
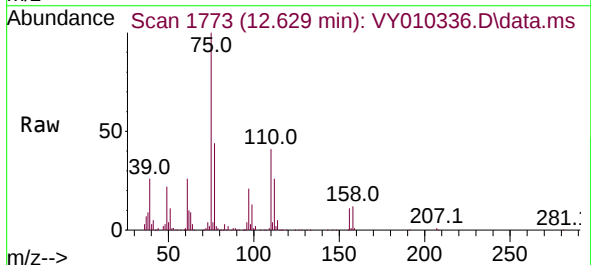
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4MSD

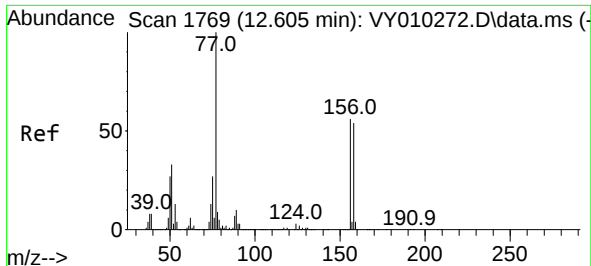
Tgt Ion: 83 Resp: 137211
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.6 16.8
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 79.680 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.007 min
 Lab File: VY010336.D
 Acq: 03 Sep 2022 21:25

Tgt Ion: 75 Resp: 147666
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

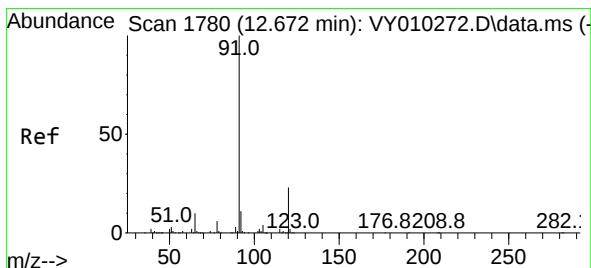
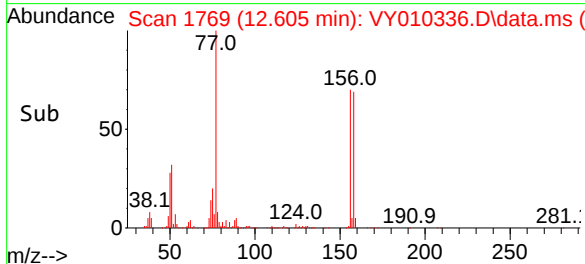
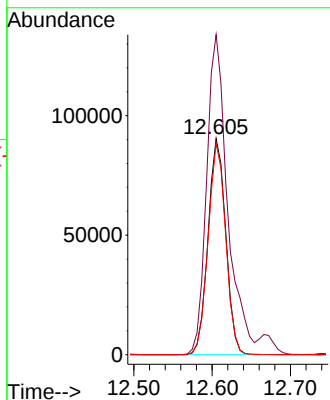
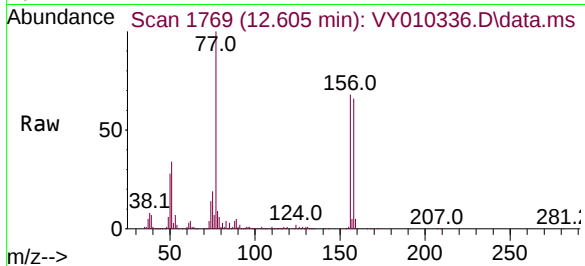




#77
Bromobenzene
Concen: 50.141 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

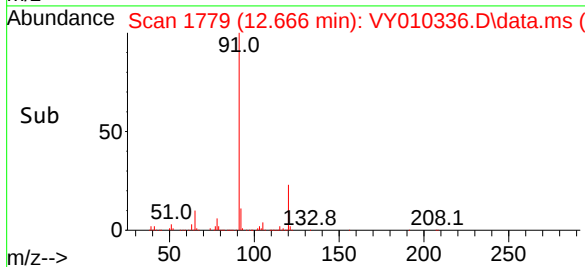
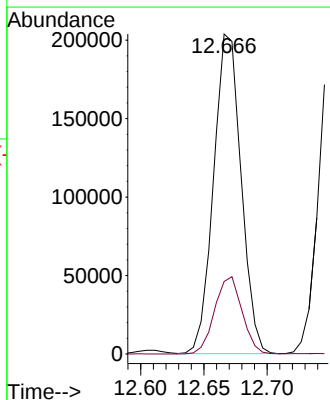
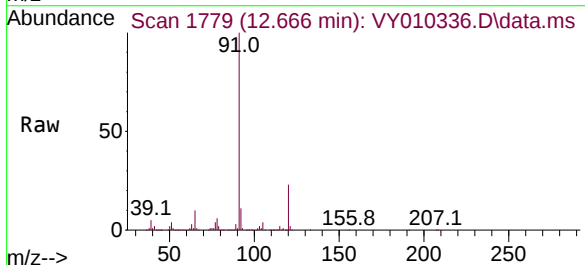
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

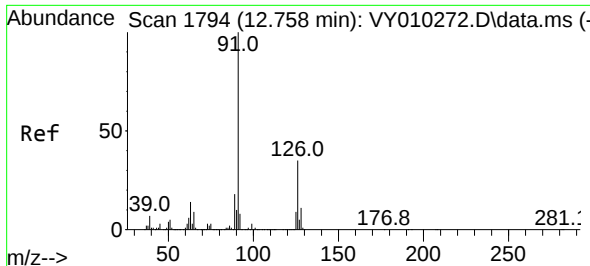
Tgt Ion:156 Resp: 141718
Ion Ratio Lower Upper
156 100
77 175.0 95.5 286.4
158 97.1 48.0 144.0



#78
n-propylbenzene
Concen: 20.663 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 91 Resp: 308184
Ion Ratio Lower Upper
91 100
120 24.1 11.3 33.9

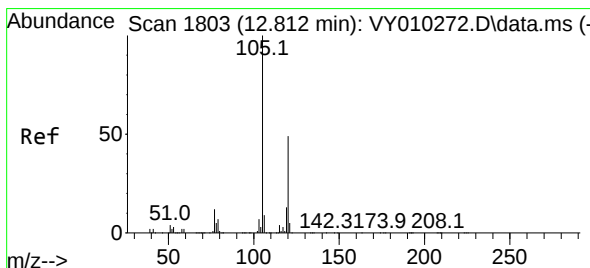
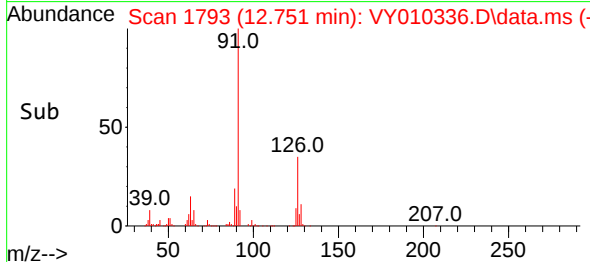
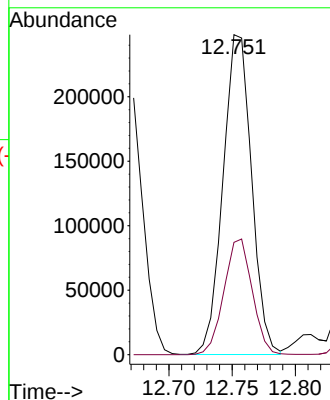
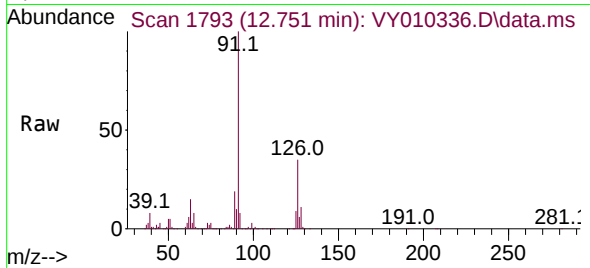




#79
2-Chlorotoluene
Concen: 46.244 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

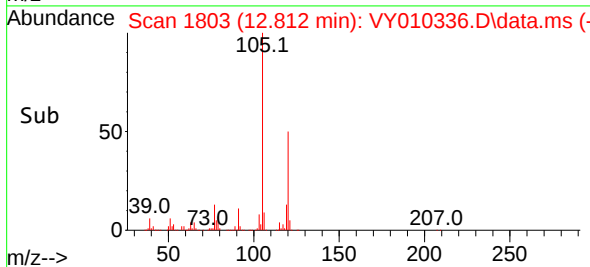
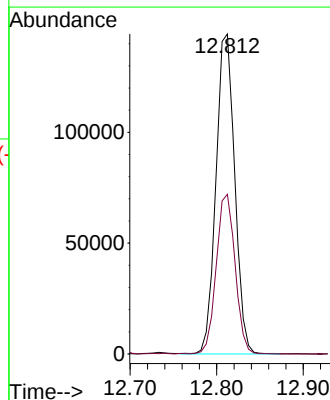
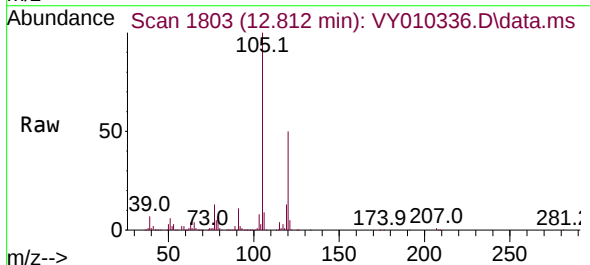
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

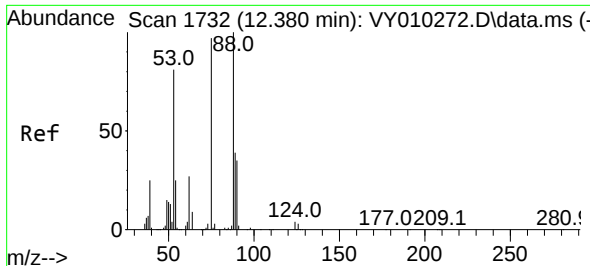
Tgt Ion: 91 Resp: 389826
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.903 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 105 Resp: 217595
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4

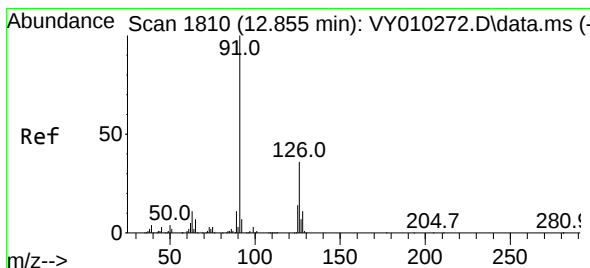
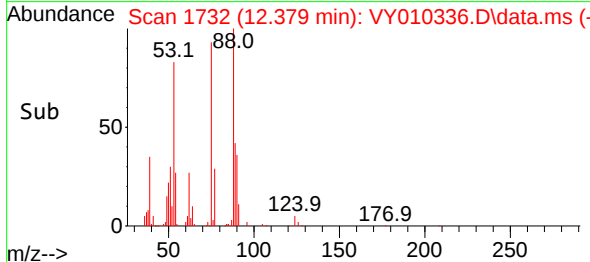
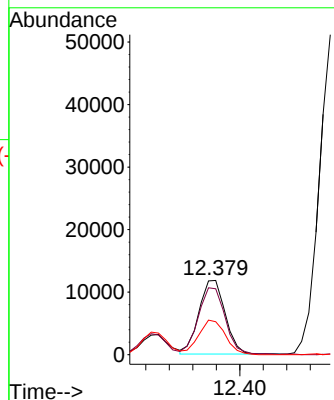
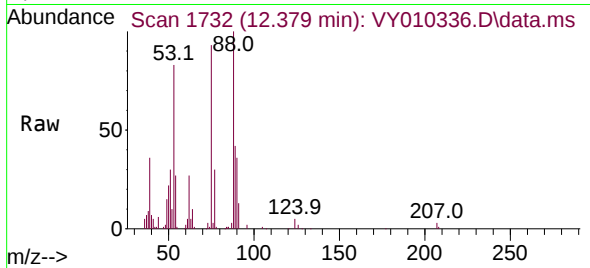




#81
trans-1,4-Dichloro-2-butene
Concen: 20.556 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

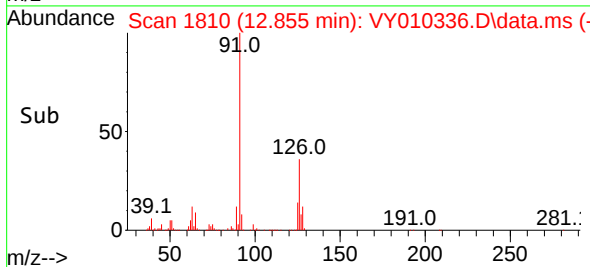
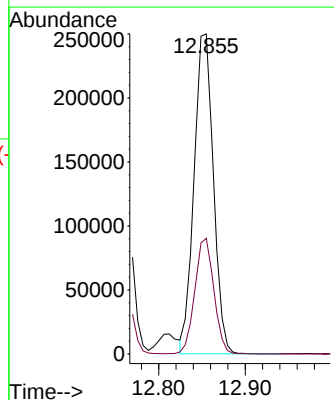
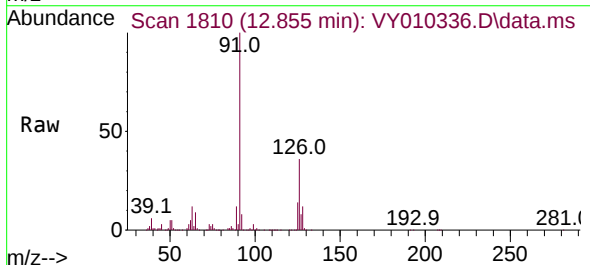
Instrument :
MSVOA_Y
ClientSampleId :
EP-4MSD

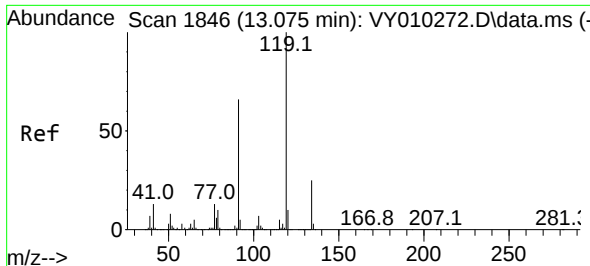
Tgt Ion: 75 Resp: 18261
Ion Ratio Lower Upper
75 100
53 94.5 85.3 127.9
89 48.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 44.669 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010336.D
Acq: 03 Sep 2022 21:25

Tgt Ion: 91 Resp: 387714
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0

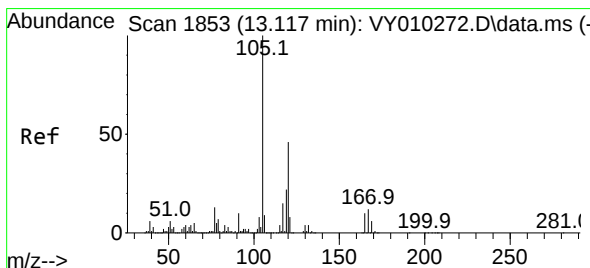
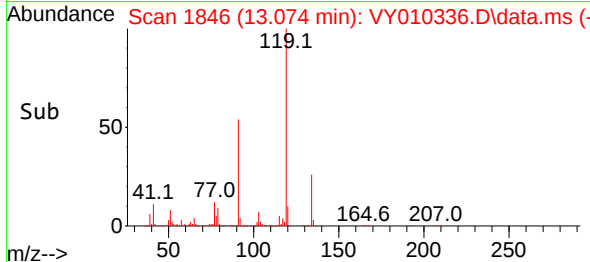
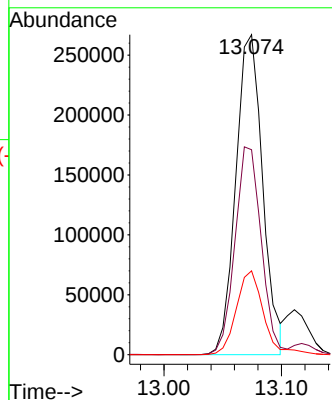
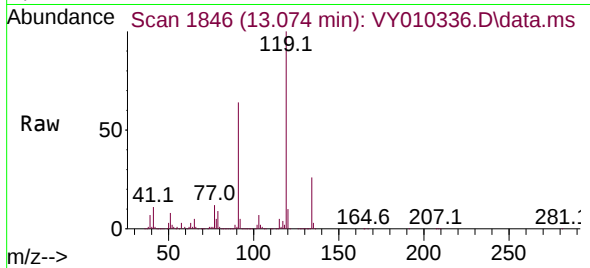




#83
 tert-Butylbenzene
 Concen: 46.998 ug/l
 RT: 13.074 min Scan# 119
 Delta R.T. -0.001 min
 Lab File: VY010336.D
 Acq: 03 Sep 2022 21:25

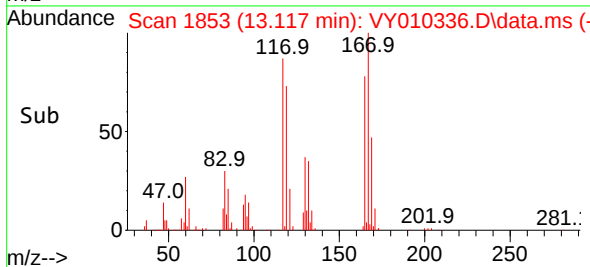
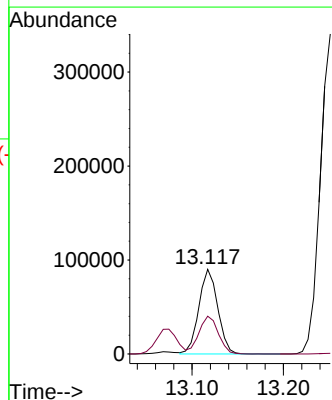
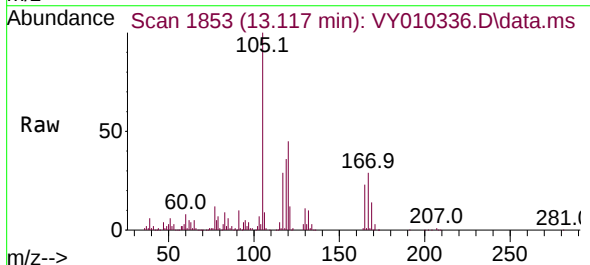
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4MSD

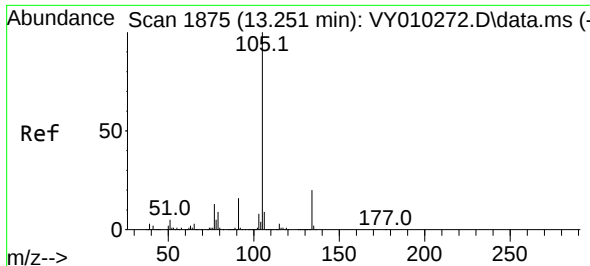
Tgt Ion:119 Resp: 425038
 Ion Ratio Lower Upper
 119 100
 91 63.6 34.8 104.4
 134 26.5 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 12.650 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY010336.D
 Acq: 03 Sep 2022 21:25

Tgt Ion:105 Resp: 129315
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.9

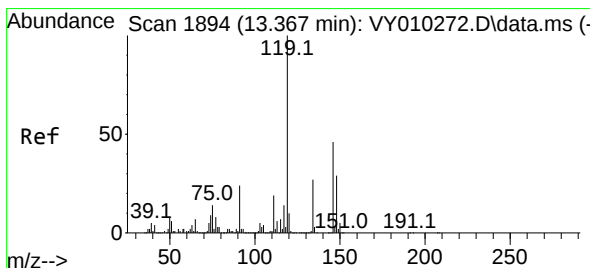
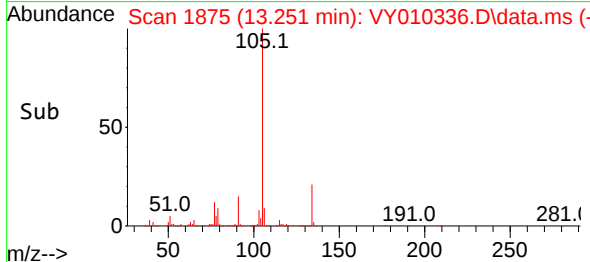
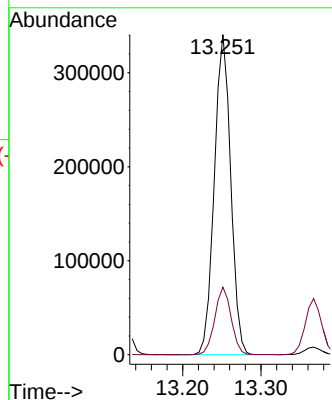
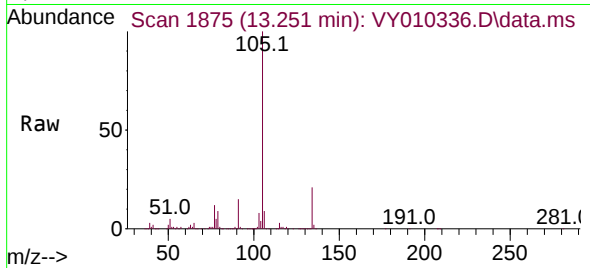




#85
 sec-Butylbenzene
 Concen: 37.043 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010336.D
 Acq: 03 Sep 2022 21:25

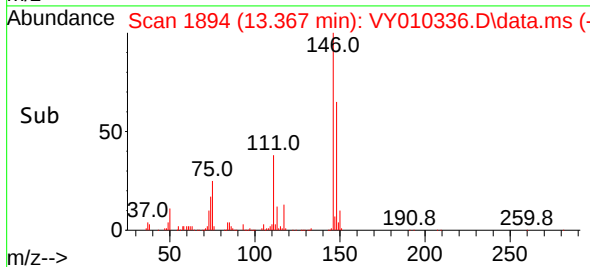
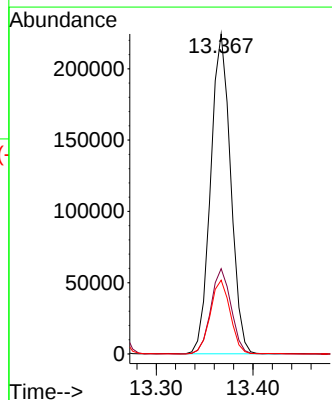
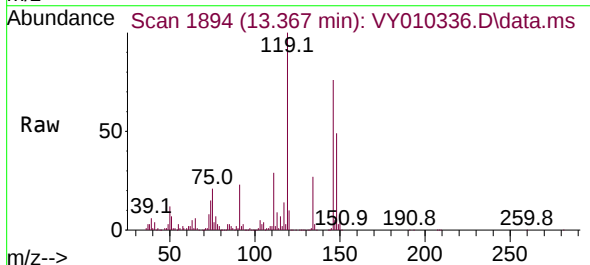
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4MSD

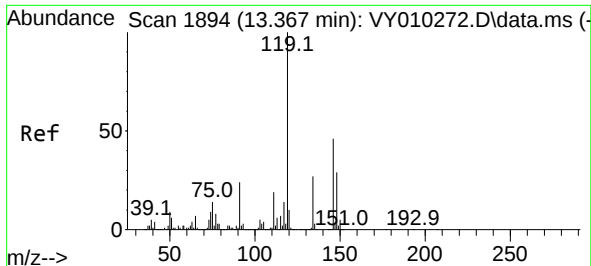
Tgt Ion:105 Resp: 495426
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 29.154 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010336.D
 Acq: 03 Sep 2022 21:25

Tgt Ion:119 Resp: 322079
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 23.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.189 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

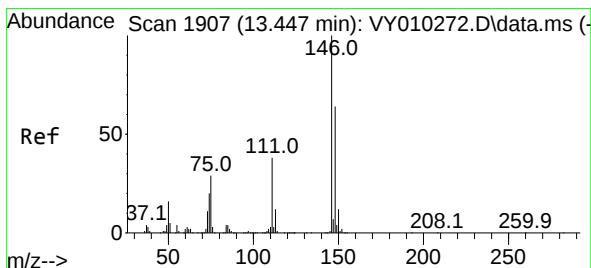
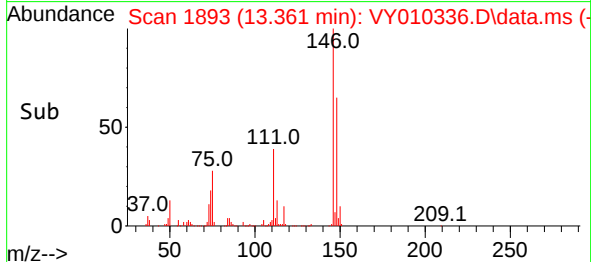
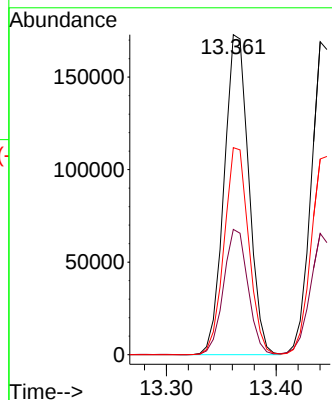
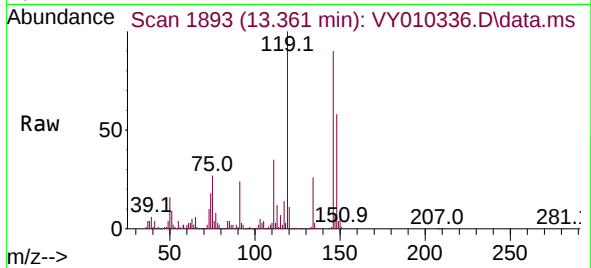
Tgt Ion:146 Resp: 269946

Ion Ratio Lower Upper

146 100

111 38.8 19.5 58.5

148 64.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.087 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.007 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

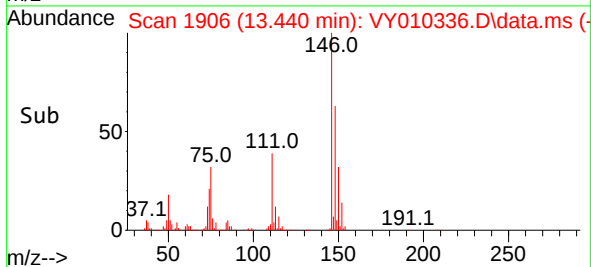
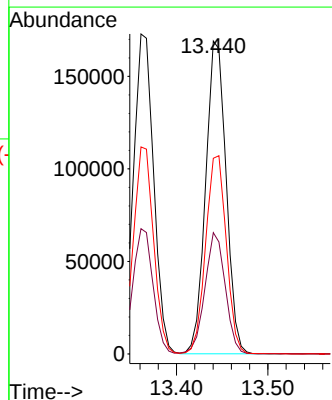
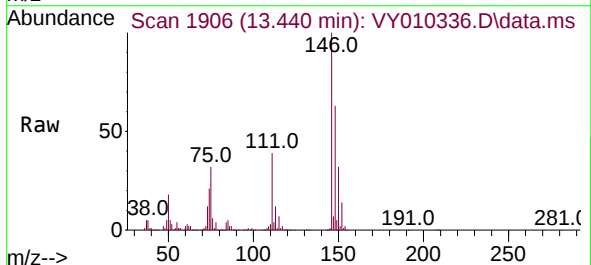
Tgt Ion:146 Resp: 262378

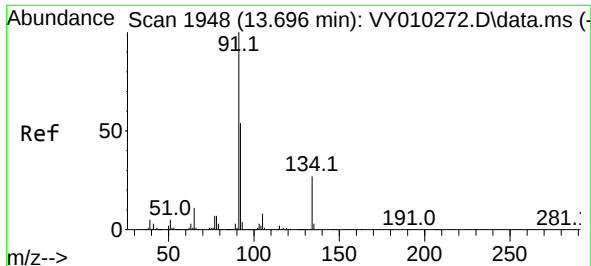
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 17.610 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

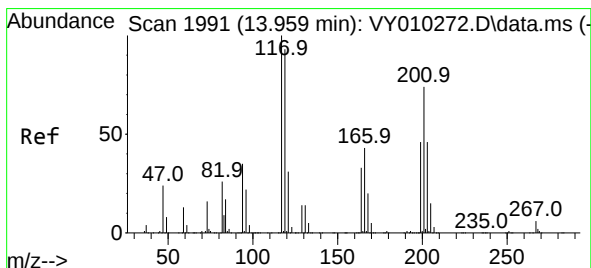
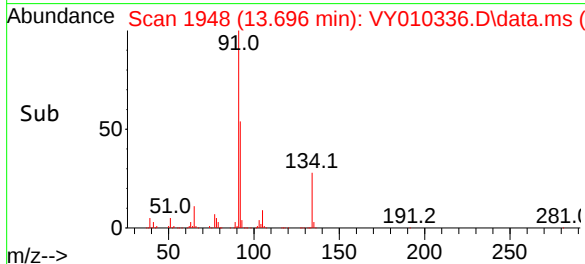
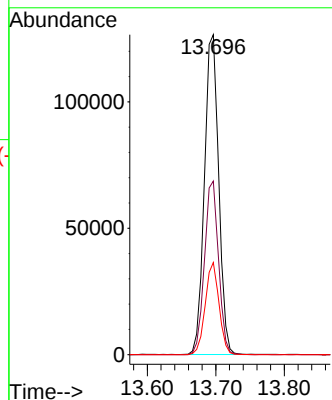
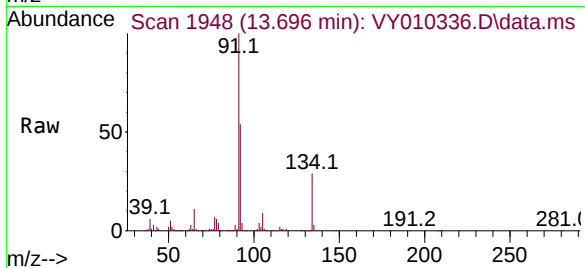
Tgt Ion: 91 Resp: 183901

Ion Ratio Lower Upper

91 100

92 53.6 26.3 78.9

134 27.9 13.0 38.9



#90

Hexachloroethane

Concen: 53.115 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY010336.D

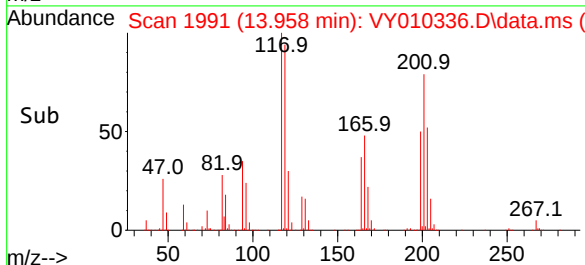
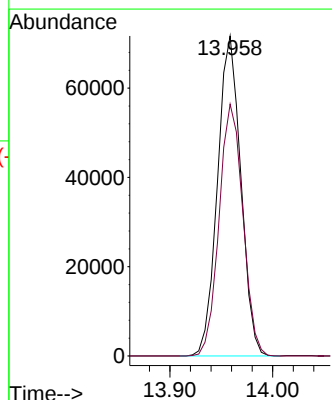
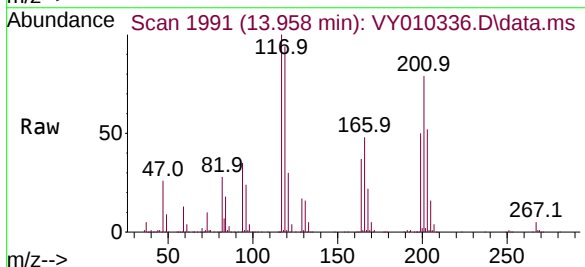
Acq: 03 Sep 2022 21:25

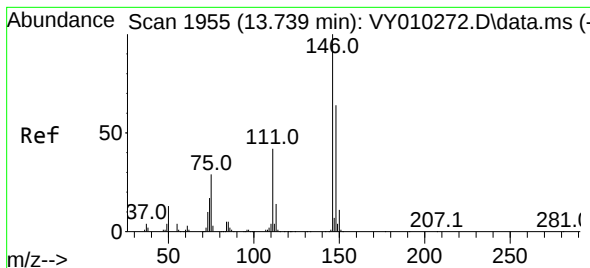
Tgt Ion: 117 Resp: 112632

Ion Ratio Lower Upper

117 100

201 80.3 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 49.414 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

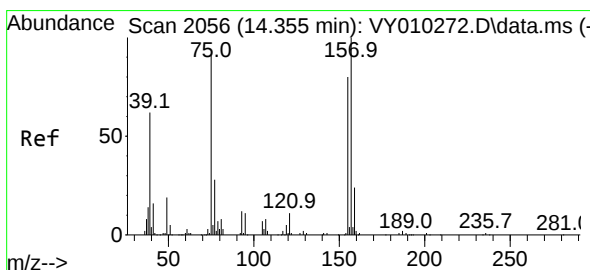
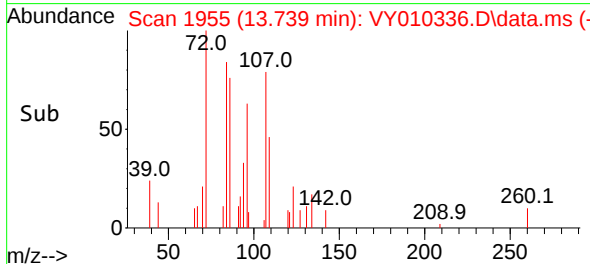
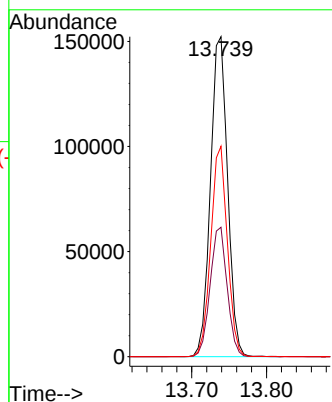
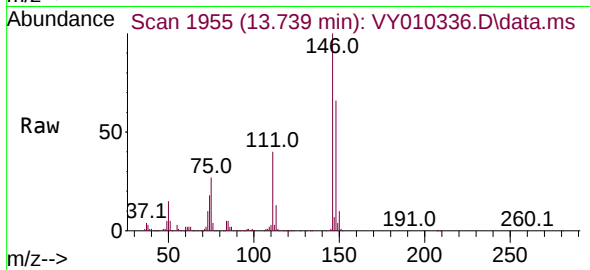
Tgt Ion:146 Resp: 241694

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.9

148 63.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.693 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

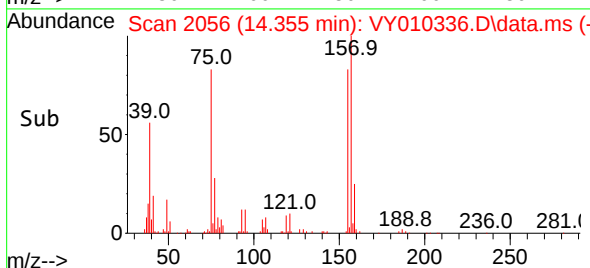
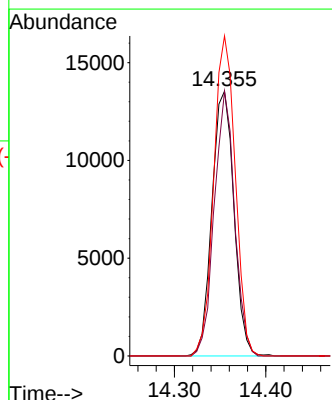
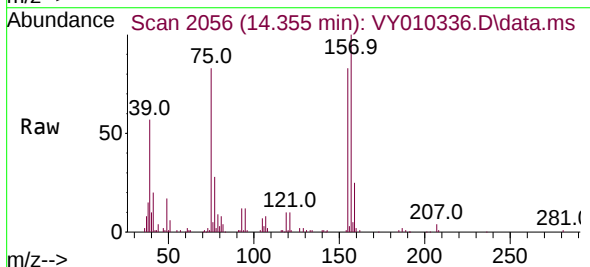
Tgt Ion: 75 Resp: 22591

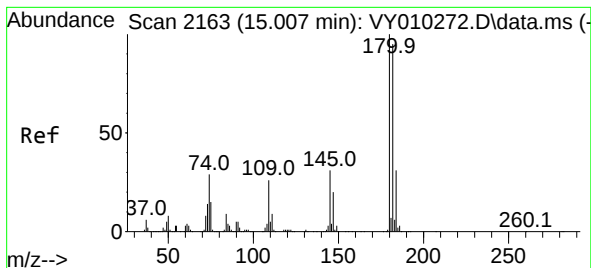
Ion Ratio Lower Upper

75 100

155 92.3 38.0 113.9

157 118.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 35.989 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

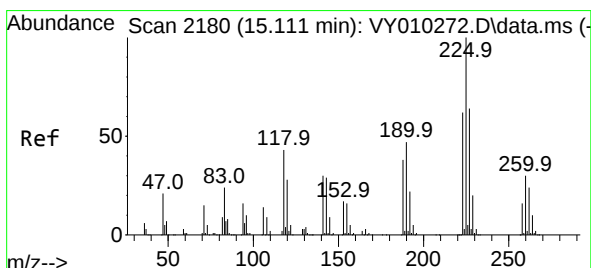
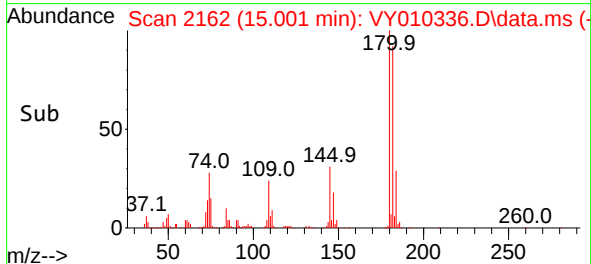
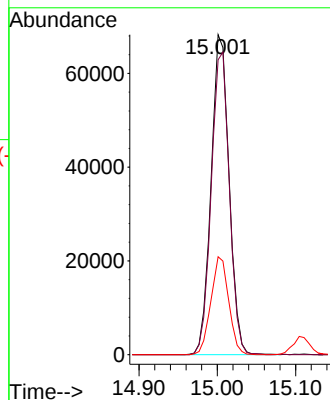
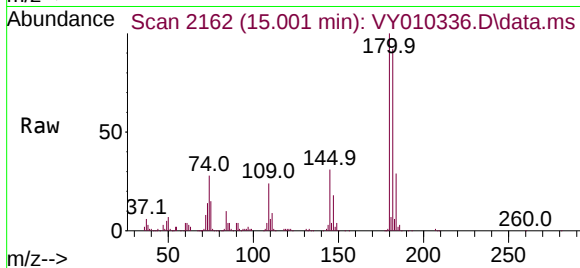
Tgt Ion:180 Resp: 108955

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 30.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 36.872 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

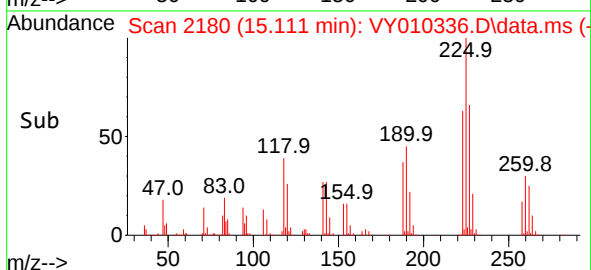
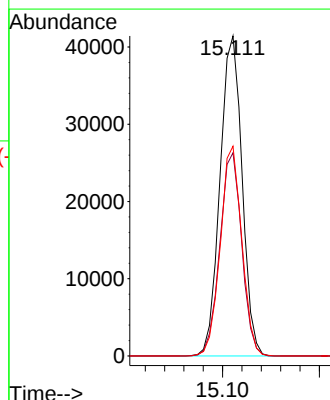
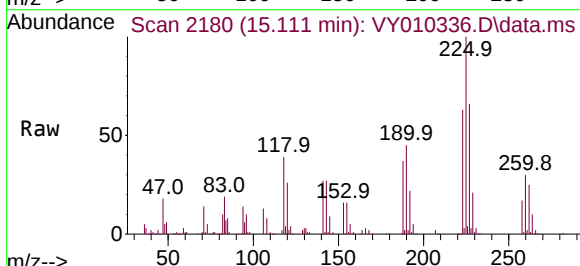
Tgt Ion:225 Resp: 65428

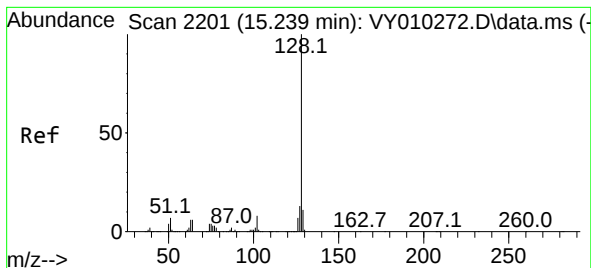
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

227 63.9 31.6 94.7





#95

Naphthalene

Concen: 6.917 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

EP-4MSD

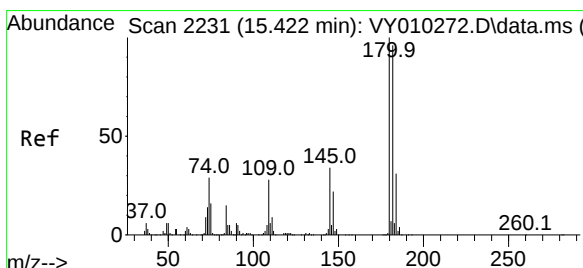
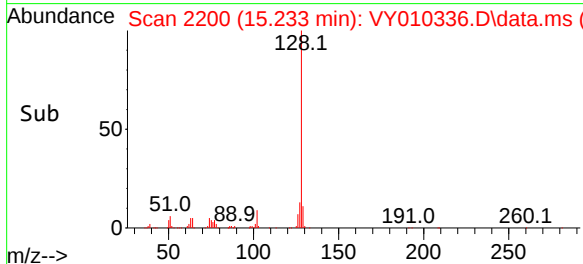
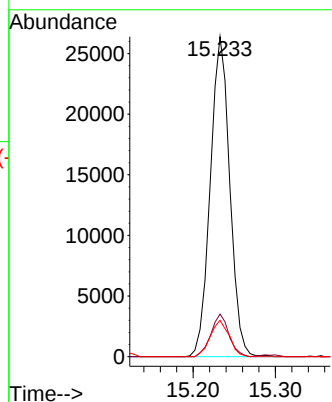
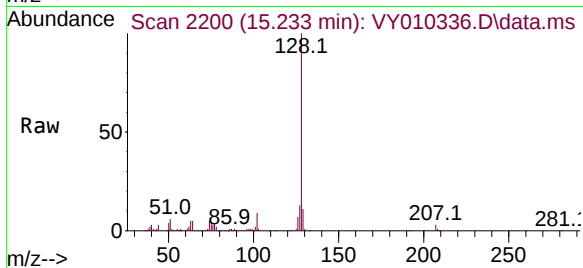
Tgt Ion:128 Resp: 43454

Ion Ratio Lower Upper

128 100

127 12.3 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 40.005 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010336.D

Acq: 03 Sep 2022 21:25

Tgt Ion:180 Resp: 102578

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 31.7 15.3 45.9

