

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019954.D
 Acq On : 21 Oct 2024 10:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 23:28:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	245169	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	424846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	175946	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150966	50.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.020%	
35) Dibromofluoromethane	7.634	113	149352	53.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.540%	
50) Toluene-d8	10.103	98	547588	52.892	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.402	95	196199	52.448	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	104993	46.003	ug/l	99
3) Chloromethane	2.074	50	151267	50.923	ug/l	99
4) Vinyl Chloride	2.208	62	177024	54.155	ug/l	94
5) Bromomethane	2.599	94	110218	53.270	ug/l	97
6) Chloroethane	2.739	64	121893	55.507	ug/l	100
7) Trichlorofluoromethane	3.062	101	259204	53.290	ug/l	95
8) Diethyl Ether	3.458	74	72691	49.173	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.818	101	156003	55.140	ug/l	91
10) Methyl Iodide	4.007	142	140400	49.067	ug/l	90
11) Tert butyl alcohol	4.872	59	48258	193.341	ug/l	# 76
12) 1,1-Dichloroethene	3.793	96	134018	50.954	ug/l	# 80
13) Acrolein	3.653	56	35466	159.888	ug/l	98
14) Allyl chloride	4.385	41	256469	54.043	ug/l	# 90
15) Acrylonitrile	5.061	53	179502	265.477	ug/l	98
16) Acetone	3.873	43	210713	268.141	ug/l	# 84
17) Carbon Disulfide	4.110	76	311626	44.203	ug/l	99
18) Methyl Acetate	4.391	43	87901	51.926	ug/l	# 87
19) Methyl tert-butyl Ether	5.116	73	391010	51.746	ug/l	96
20) Methylene Chloride	4.616	84	153716	52.988	ug/l	# 84
21) trans-1,2-Dichloroethene	5.116	96	151356	52.873	ug/l	88
22) Diisopropyl ether	6.019	45	591649	57.237	ug/l	# 89
23) Vinyl Acetate	5.964	43	1588863	268.121	ug/l	# 90
24) 1,1-Dichloroethane	5.921	63	323323	56.269	ug/l	94
25) 2-Butanone	6.896	43	272647	259.205	ug/l	# 84
26) 2,2-Dichloropropane	6.884	77	280690	54.852	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	188992	53.424	ug/l	82
28) Bromochloromethane	7.250	49	148535	58.730	ug/l	# 72
29) Tetrahydrofuran	7.262	42	149864	249.529	ug/l	# 82
30) Chloroform	7.421	83	334087	57.037	ug/l	98
31) Cyclohexane	7.707	56	252913	50.141	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	287166	55.942	ug/l	94
36) 1,1-Dichloropropene	7.835	75	224503	55.584	ug/l	93
37) Ethyl Acetate	6.982	43	106828	50.724	ug/l	94
38) Carbon Tetrachloride	7.823	117	242877	56.093	ug/l	96
39) Methylcyclohexane	9.110	83	270403	53.134	ug/l	# 86
40) Benzene	8.079	78	673065	55.063	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	64239	56.357	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	191523	54.538	ug/l	95
43) Isopropyl Acetate	8.195	43	221092	51.475	ug/l #	89
44) Trichloroethene	8.866	130	158688	53.601	ug/l	90
45) 1,2-Dichloropropane	9.140	63	175019	57.205	ug/l	96
46) Dibromomethane	9.231	93	88192	52.760	ug/l	89
47) Bromodichloromethane	9.427	83	252352	56.876	ug/l	98
48) Methyl methacrylate	9.219	41	100882	53.396	ug/l #	81
49) 1,4-Dioxane	9.225	88	19175	1024.920	ug/l #	96
51) 4-Methyl-2-Pentanone	10.000	43	584915	266.988	ug/l	88
52) Toluene	10.170	92	433627	56.832	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	215733	54.040	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	259150	55.015	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	118450	53.784	ug/l	98
56) Ethyl methacrylate	10.439	69	167414	52.977	ug/l #	72
57) 1,3-Dichloropropane	10.713	76	209861	54.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	397935	270.497	ug/l	93
59) 2-Hexanone	10.762	43	423460	270.628	ug/l	86
60) Dibromochloromethane	10.908	129	151408	53.563	ug/l	97
61) 1,2-Dibromoethane	11.018	107	102647	51.578	ug/l	99
64) Tetrachloroethene	10.646	164	133207	51.531	ug/l	94
65) Chlorobenzene	11.438	112	457291	55.013	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	157647	56.055	ug/l	100
67) Ethyl Benzene	11.518	91	864129	57.228	ug/l	99
68) m/p-Xylenes	11.627	106	636570	114.148	ug/l	91
69) o-Xylene	11.950	106	305155	56.952	ug/l	92
70) Styrene	11.969	104	515861	57.065	ug/l	95
71) Bromoform	12.133	173	80555	53.505	ug/l #	98
73) Isopropylbenzene	12.255	105	850419	57.463	ug/l	98
74) N-amyl acetate	12.072	43	211248	53.894	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	145086	55.173	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	181521	52.664	ug/l #	100
77) Bromobenzene	12.530	156	167671	53.390	ug/l	85
78) n-propylbenzene	12.597	91	1048954	58.658	ug/l	96
79) 2-Chlorotoluene	12.676	91	576621	56.245	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	677117	56.654	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	45588	53.386	ug/l #	85
82) 4-Chlorotoluene	12.774	91	593649	56.632	ug/l	94
83) tert-Butylbenzene	12.993	119	629174	58.763	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	675641	57.018	ug/l	96
85) sec-Butylbenzene	13.176	105	955030	59.700	ug/l	97
86) p-Isopropyltoluene	13.292	119	756657	58.249	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	344116	54.259	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	335842	53.903	ug/l	97
89) n-Butylbenzene	13.615	91	763206	60.170	ug/l	99
90) Hexachloroethane	13.877	117	151462	59.880	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	302208	54.231	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	21135	50.360	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	166595	53.315	ug/l	98
94) Hexachlorobutadiene	15.023	225	97059	55.870	ug/l	99
95) Naphthalene	15.145	128	302580	51.342	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	138484	52.428	ug/l	98

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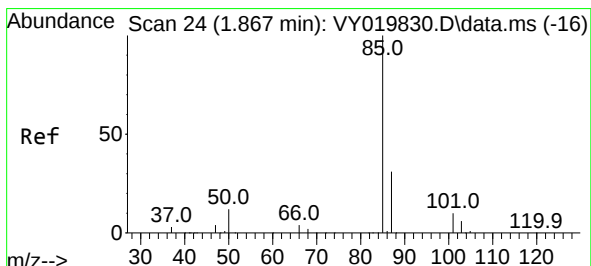
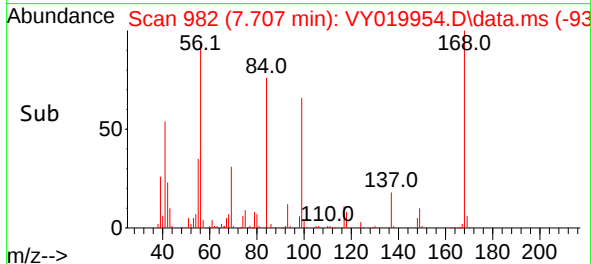
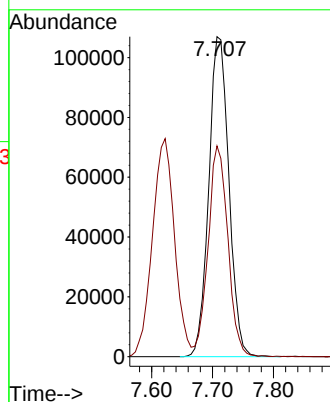
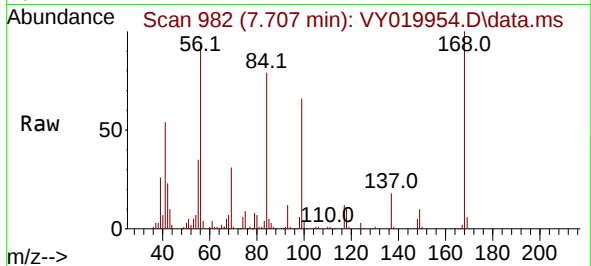
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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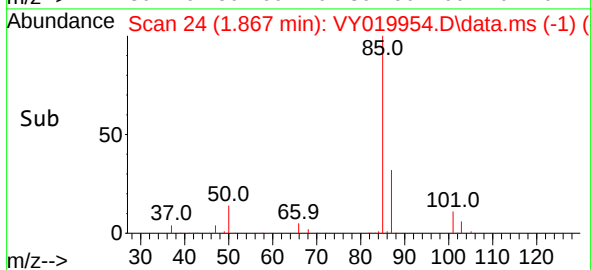
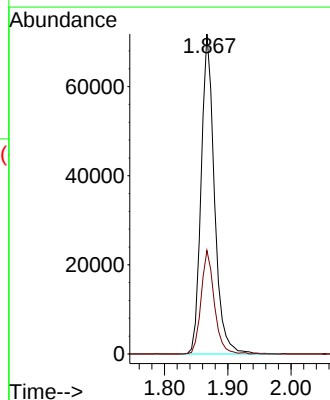
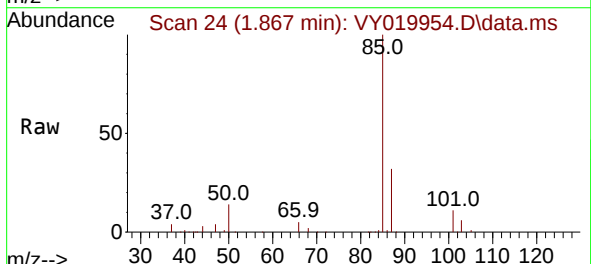
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 245169
Ion Ratio Lower Upper
168 100
99 65.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 46.003 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 85 Resp: 104993
Ion Ratio Lower Upper
85 100
87 32.3 16.0 48.0

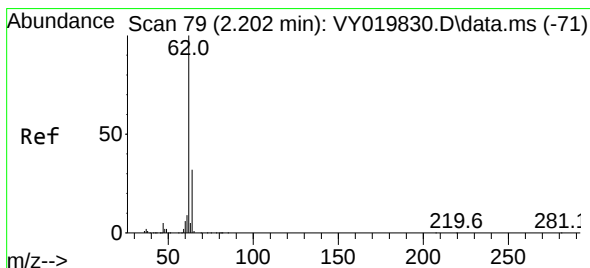
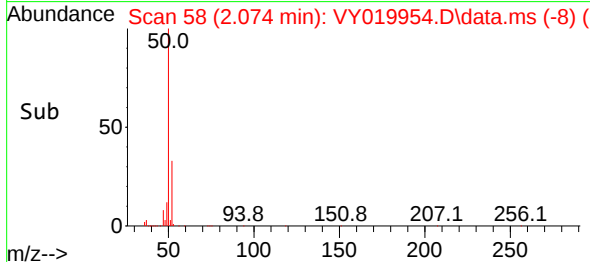
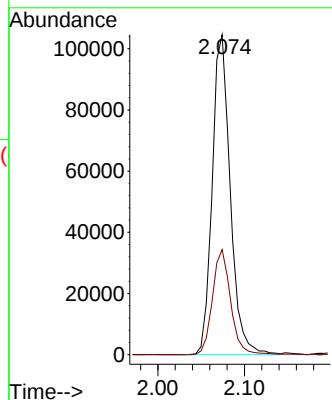
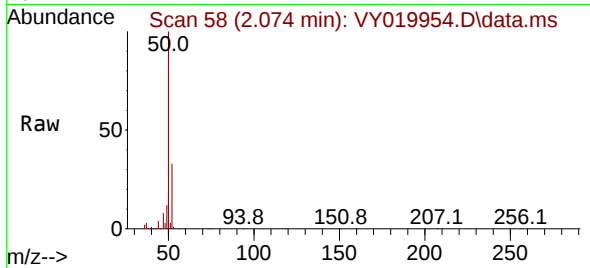




#3
Chloromethane
Concen: 50.923 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

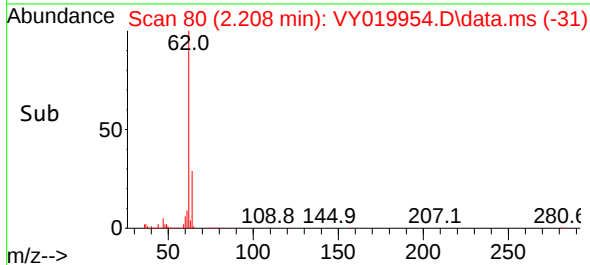
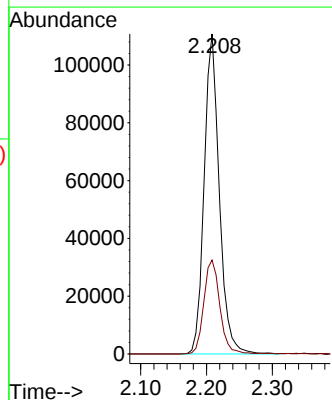
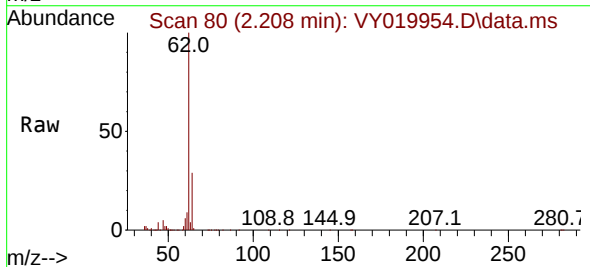
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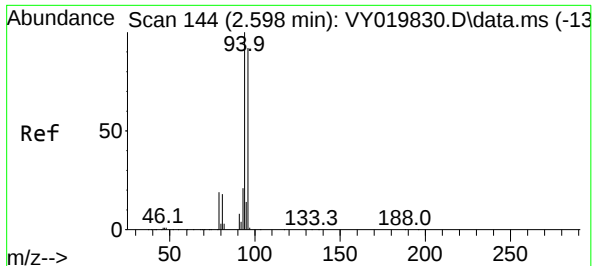
Tgt Ion: 50 Resp: 151267
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 54.155 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 62 Resp: 177024
Ion Ratio Lower Upper
62 100
64 29.3 26.1 39.1

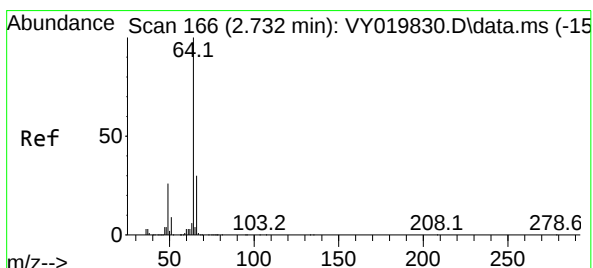
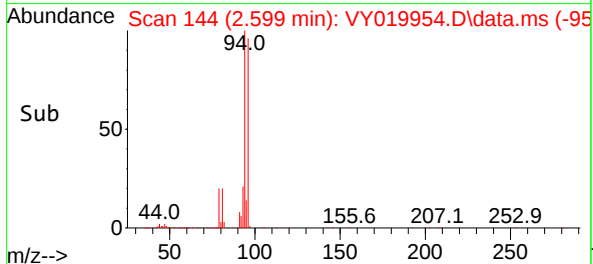
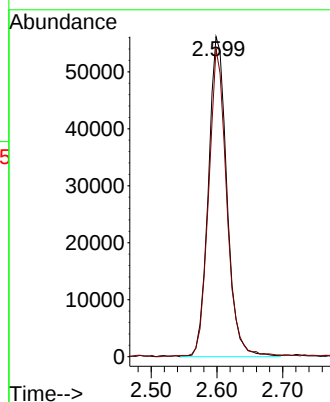
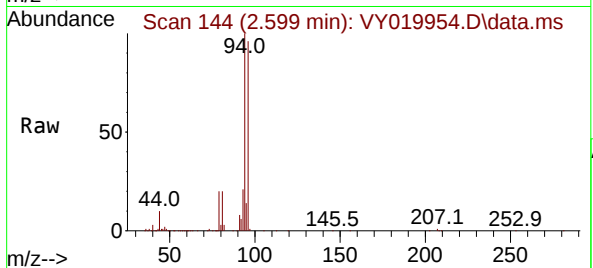




#5
Bromomethane
Concen: 53.270 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

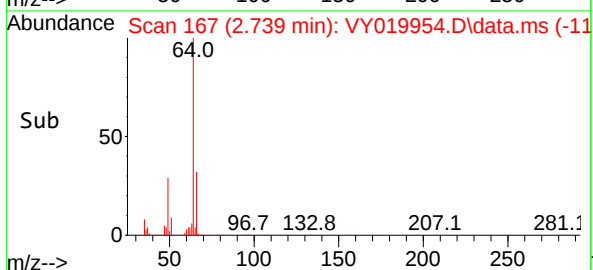
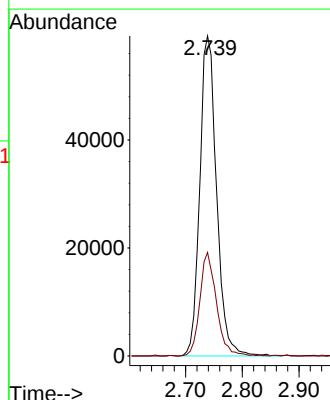
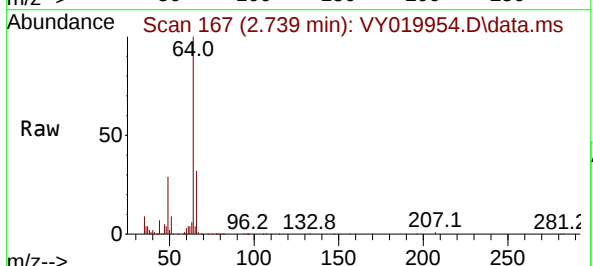
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 110218
Ion Ratio Lower Upper
94 100
96 95.8 74.1 111.1



#6
Chloroethane
Concen: 55.507 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 64 Resp: 121893
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1

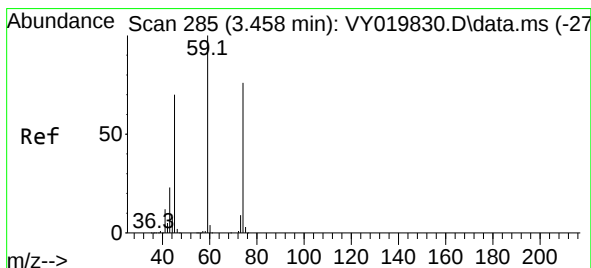
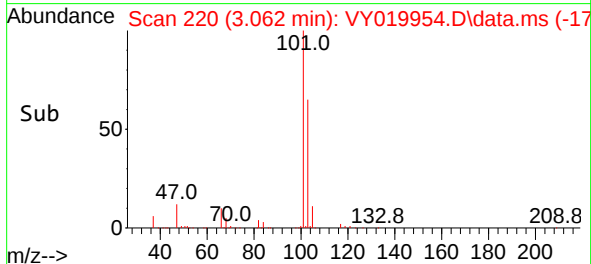
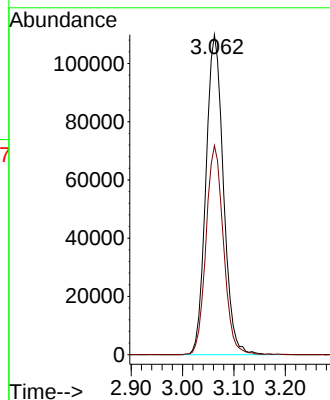
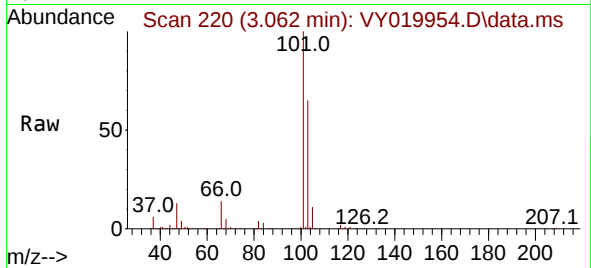




#7
 Trichlorofluoromethane
 Concen: 53.290 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019954.D
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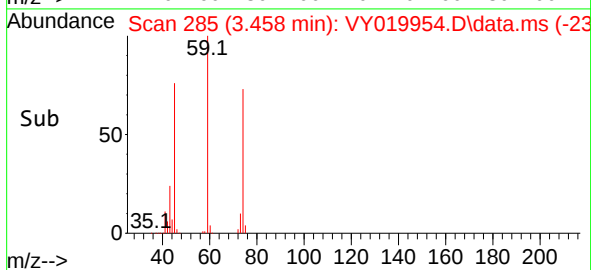
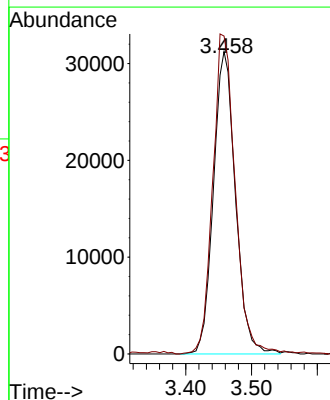
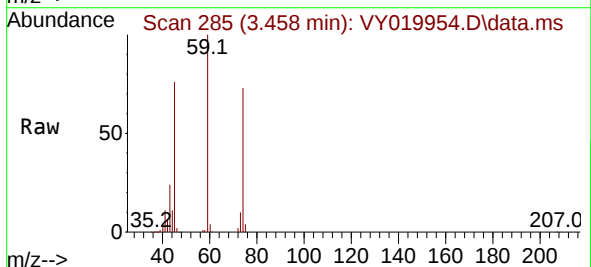
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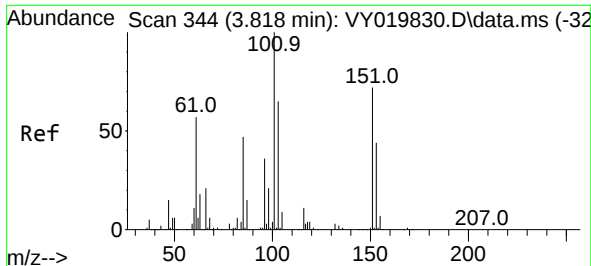
Tgt Ion:101 Resp: 259204
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 49.173 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019954.D
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Tgt Ion: 74 Resp: 72691
 Ion Ratio Lower Upper
 74 100
 45 108.1 41.3 124.1

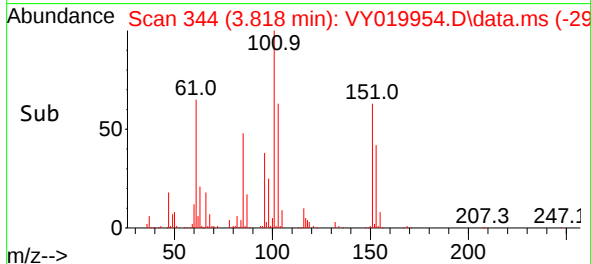
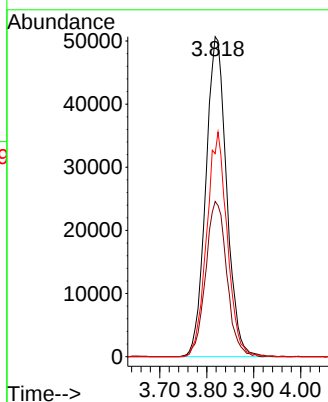
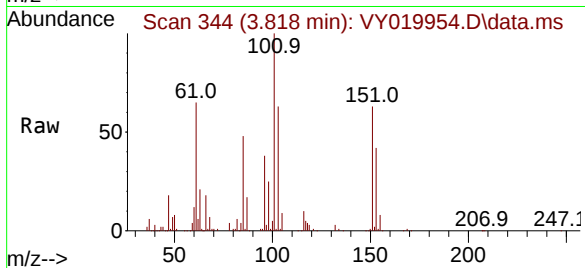




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.140 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.007 min
Lab File: VY019954.D
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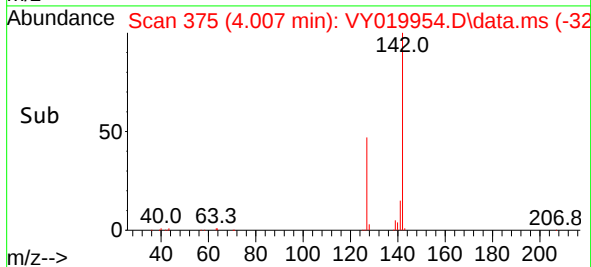
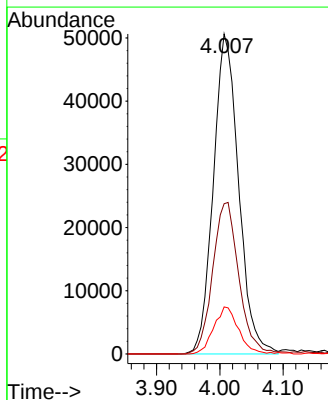
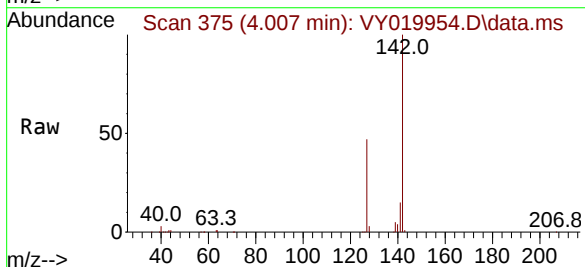
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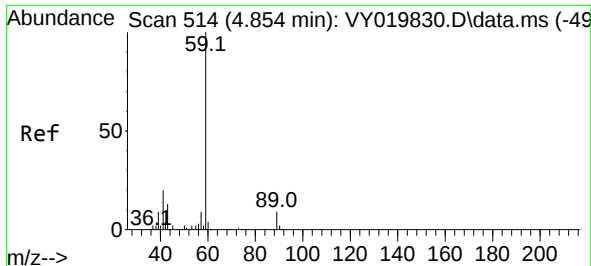
Tgt Ion:101 Resp: 156003
Ion Ratio Lower Upper
101 100
85 49.4 34.5 51.7
151 69.2 61.7 92.5



#10
Methyl Iodide
Concen: 49.067 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019954.D
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Tgt Ion:142 Resp: 140400
Ion Ratio Lower Upper
142 100
127 49.0 32.8 49.2
141 14.4 11.4 17.2

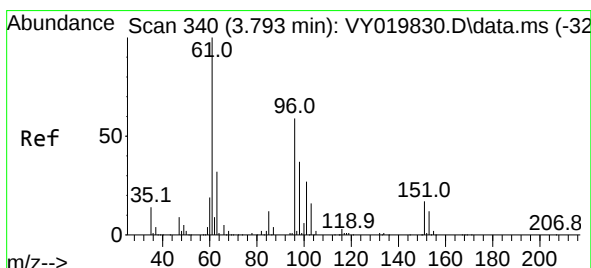
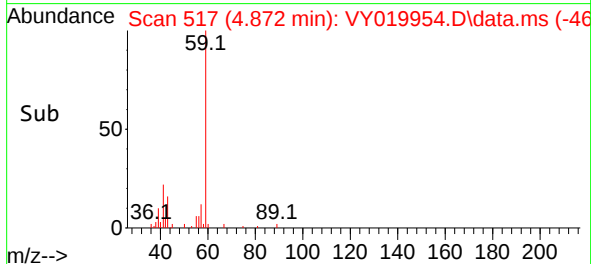
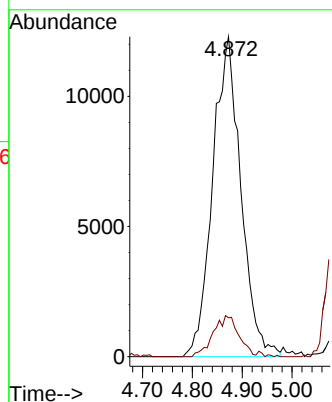
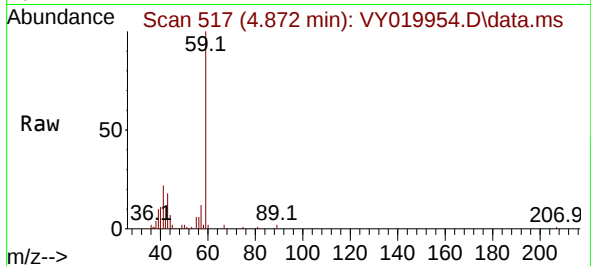




#11
Tert butyl alcohol
Concen: 193.341 ug/l
RT: 4.872 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

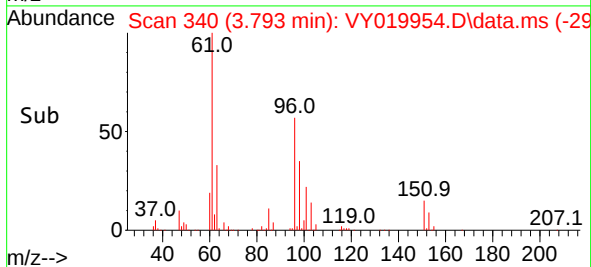
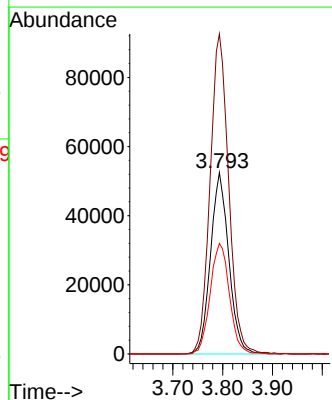
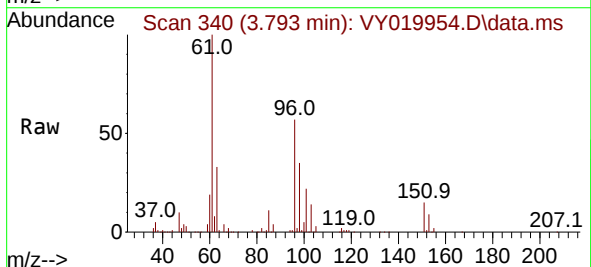
Instrument :
MSVOA_Y
ClientSampleId :

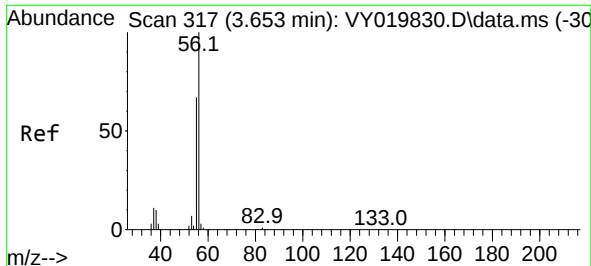
Tgt Ion: 59 Resp: 48258
Ion Ratio Lower Upper
59 100
57 11.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.954 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.007 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 96 Resp: 134018
Ion Ratio Lower Upper
96 100
61 176.3 114.6 171.8#
98 60.9 50.8 76.2





#13

Acrolein

Concen: 159.888 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

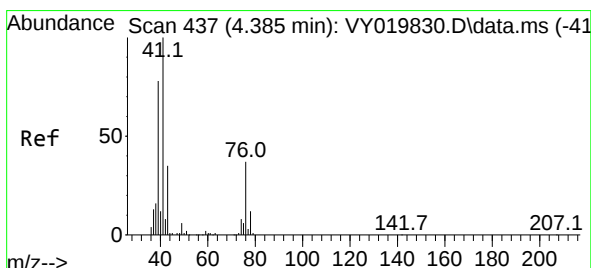
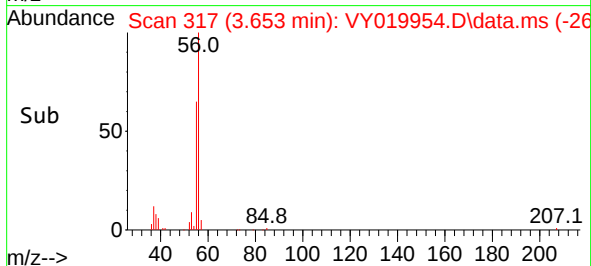
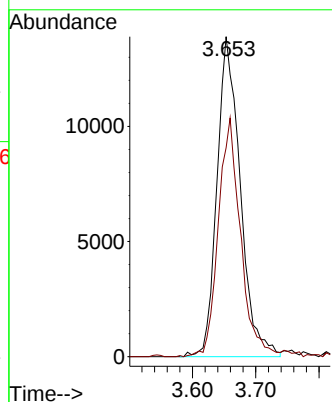
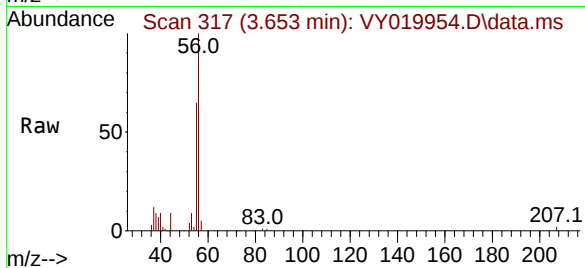
ClientSampleId :

Tgt Ion: 56 Resp: 35466

Ion Ratio Lower Upper

56 100

55 71.3 55.7 83.5



#14

Allyl chloride

Concen: 54.043 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

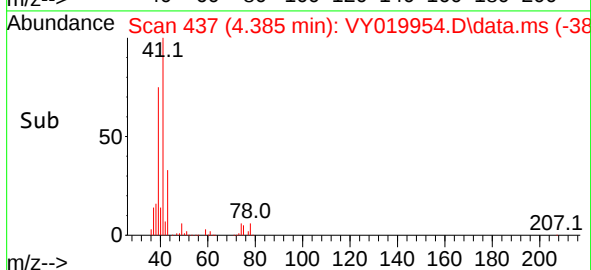
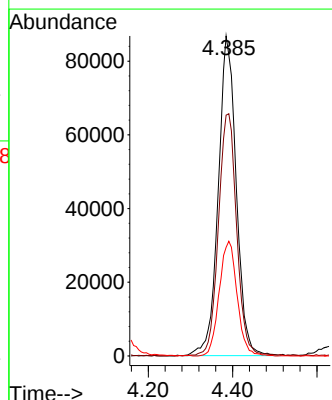
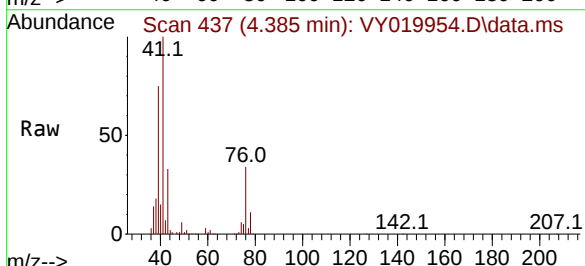
Tgt Ion: 41 Resp: 256469

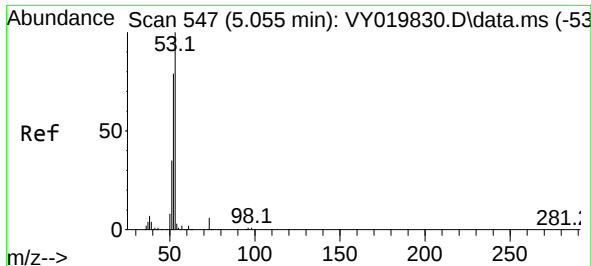
Ion Ratio Lower Upper

41 100

39 76.8 58.3 87.5

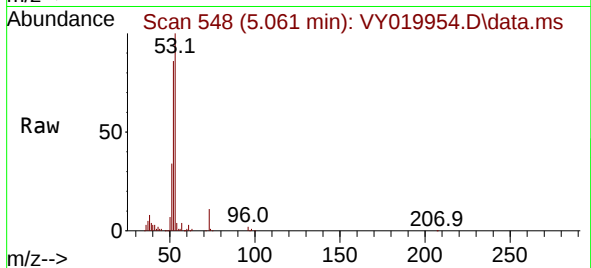
76 35.7 39.0 58.6#



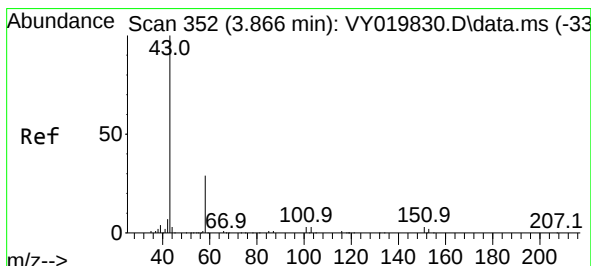
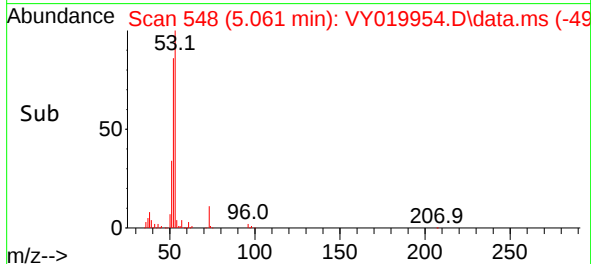
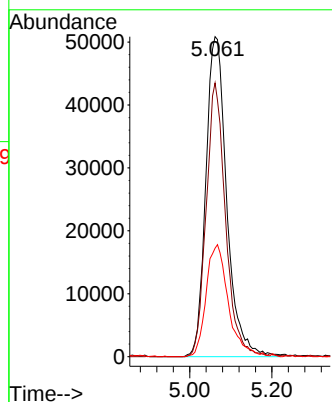


#15
Acrylonitrile
Concen: 265.477 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Instrument :
MSVOA_Y
ClientSampleId :

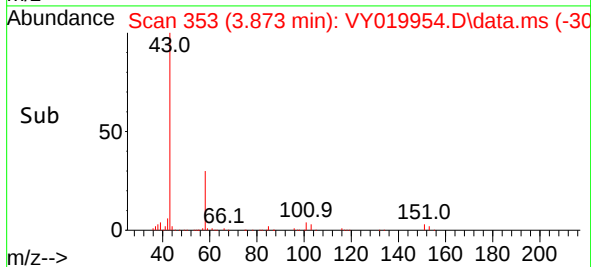
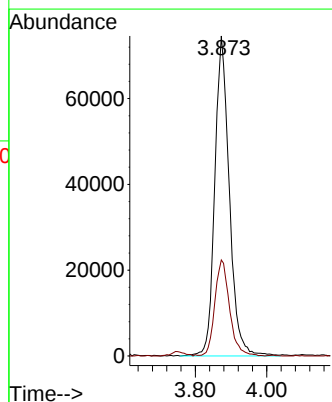
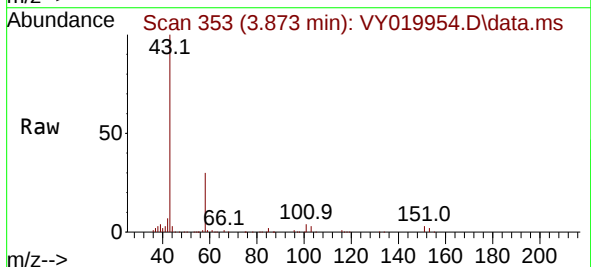


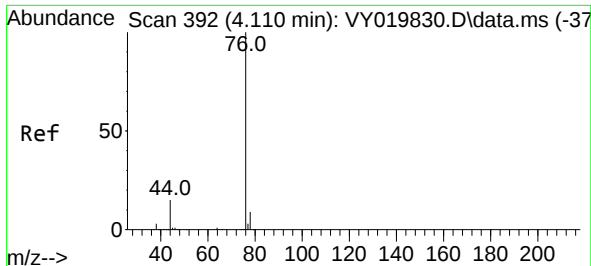
Tgt Ion: 53 Resp: 179502
Ion Ratio Lower Upper
53 100
52 79.1 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 268.141 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 43 Resp: 210713
Ion Ratio Lower Upper
43 100
58 29.9 31.7 47.5#

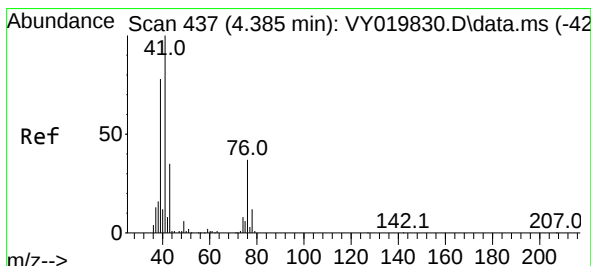
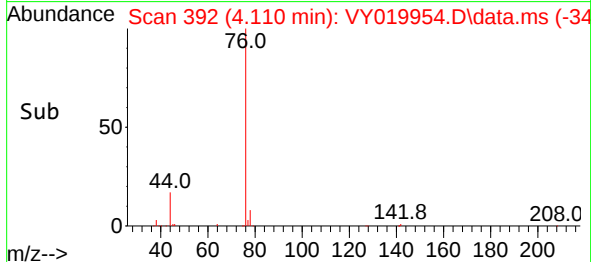
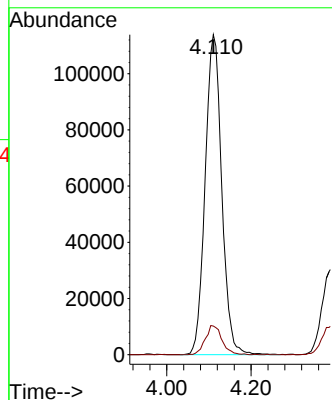
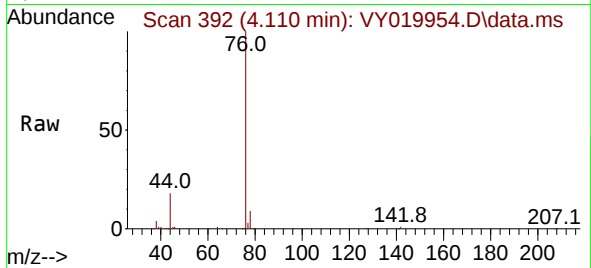




#17
Carbon Disulfide
Concen: 44.203 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.007 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

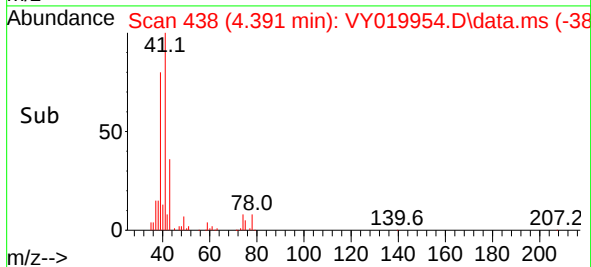
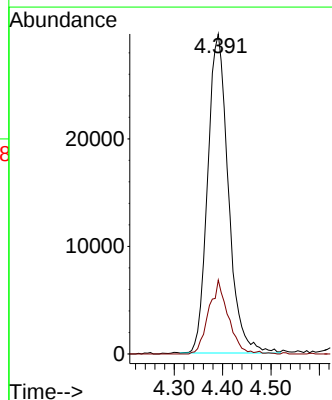
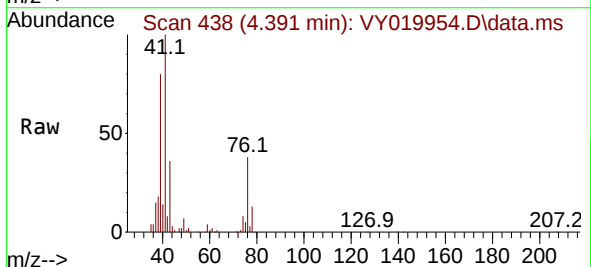
Instrument :
MSVOA_Y
ClientSampleId :

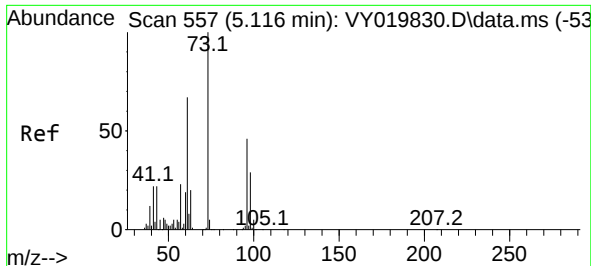
Tgt Ion: 76 Resp: 311626
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 51.926 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.007 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 43 Resp: 87901
Ion Ratio Lower Upper
43 100
74 22.0 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 51.746 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

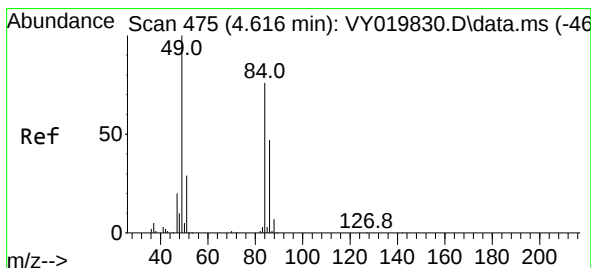
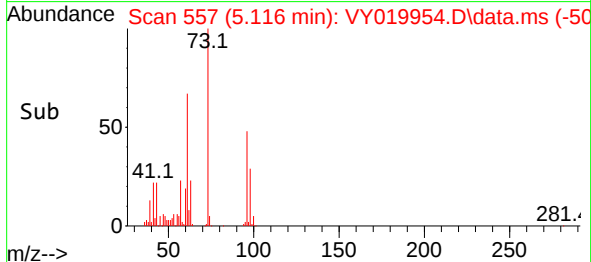
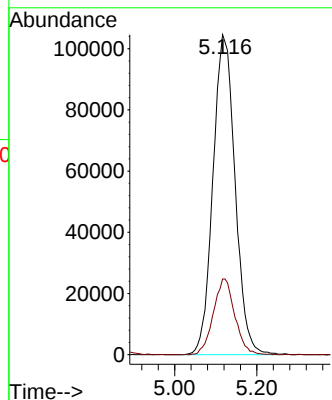
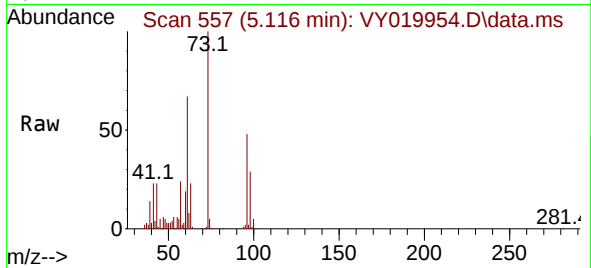
ClientSampleId :

Tgt Ion: 73 Resp: 391010

Ion Ratio Lower Upper

73 100

57 23.6 17.3 25.9



#20

Methylene Chloride

Concen: 52.988 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Tgt Ion: 84 Resp: 153716

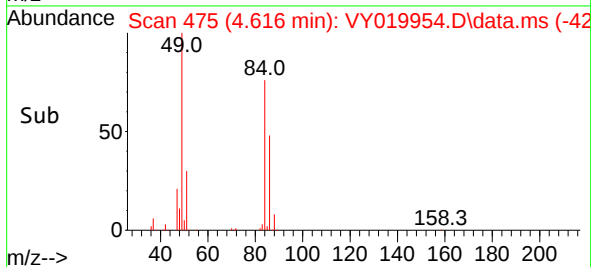
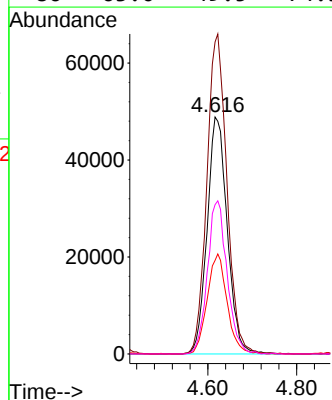
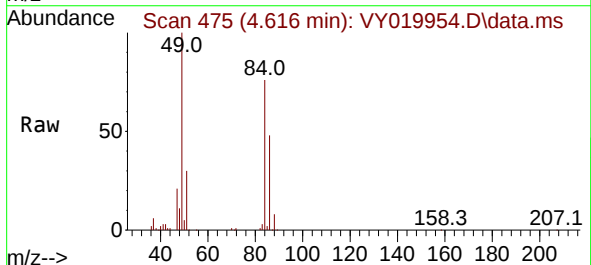
Ion Ratio Lower Upper

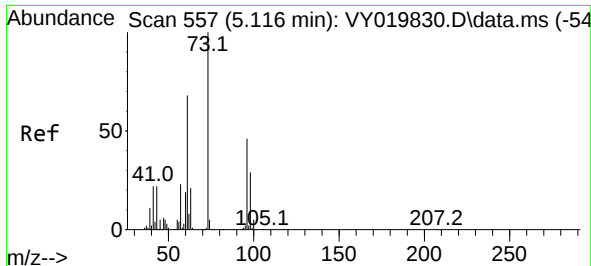
84 100

49 131.7 84.4 126.6#

51 39.5 26.0 39.0#

86 63.0 49.5 74.3

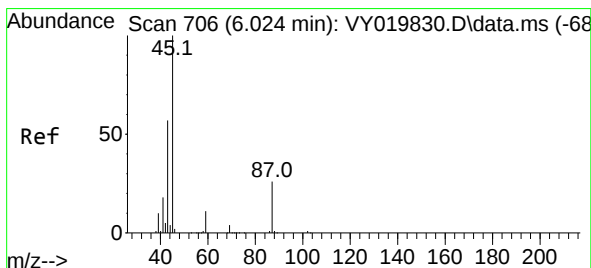
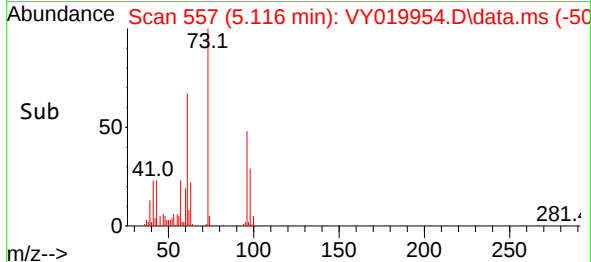
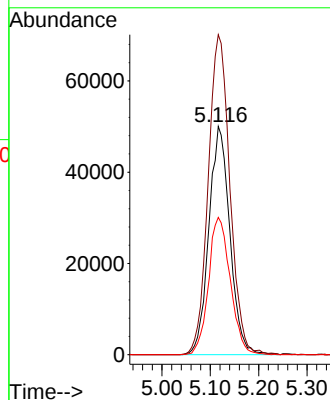
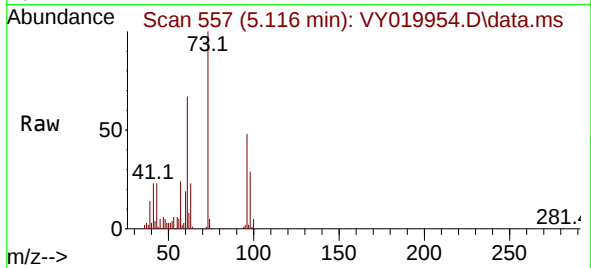




#21
trans-1,2-Dichloroethene
Concen: 52.873 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

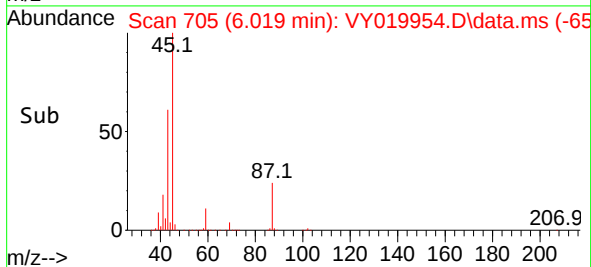
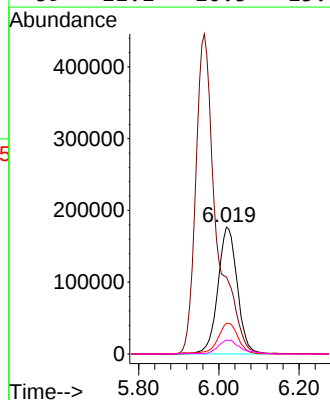
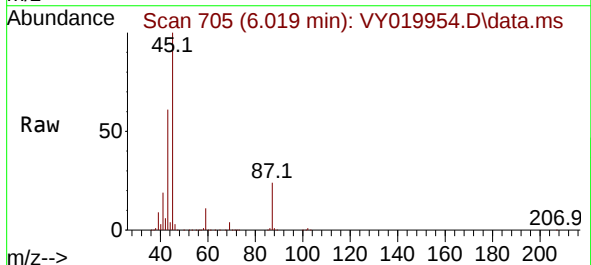
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 151356
Ion Ratio Lower Upper
96 100
61 140.2 97.5 146.3
98 60.2 50.5 75.7



#22
Diisopropyl ether
Concen: 57.237 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 45 Resp: 591649
Ion Ratio Lower Upper
45 100
43 60.3 42.2 63.2
87 24.2 25.0 37.6#
59 11.1 10.5 15.7

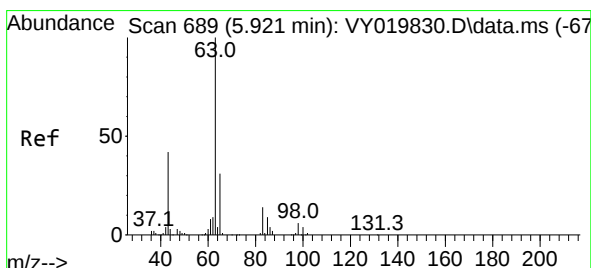
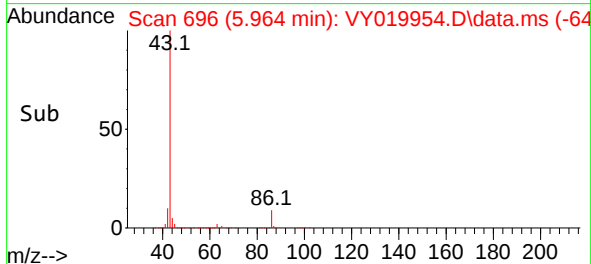
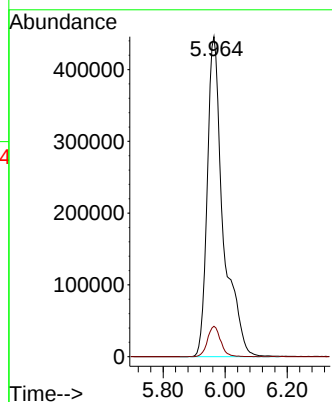
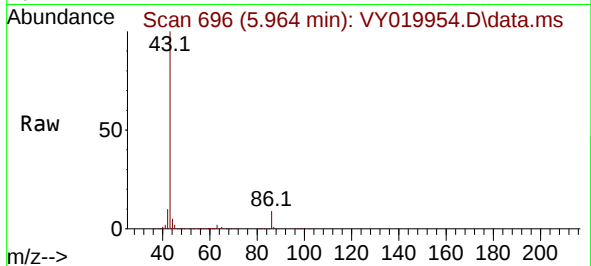




#23
 Vinyl Acetate
 Concen: 268.121 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY019954.D
 Acq: 21 Oct 2024 10:38

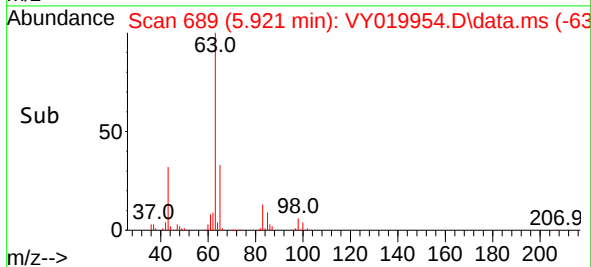
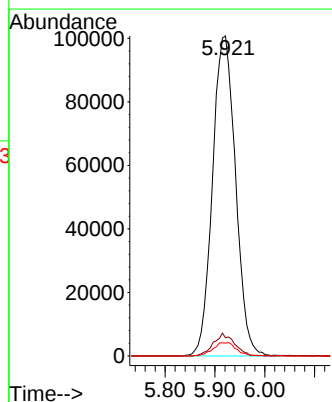
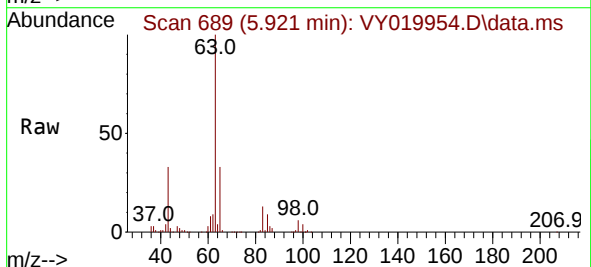
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 1588863
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 56.269 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.007 min
 Lab File: VY019954.D
 Acq: 21 Oct 2024 10:38

Tgt Ion: 63 Resp: 323323
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.0 12.2
 100 4.0 2.6 8.0

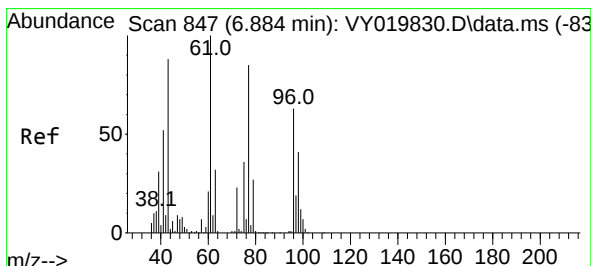
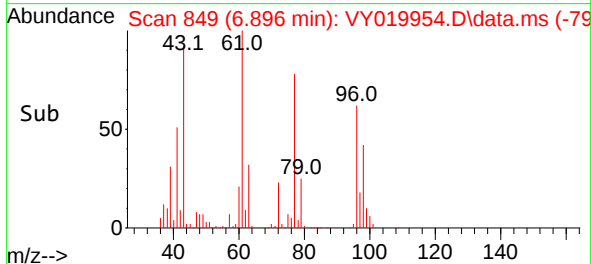
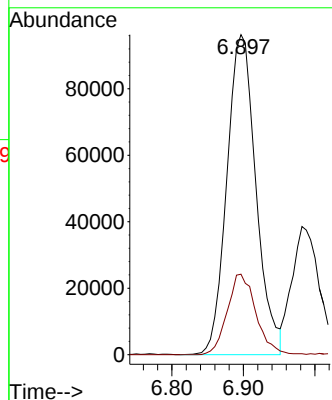
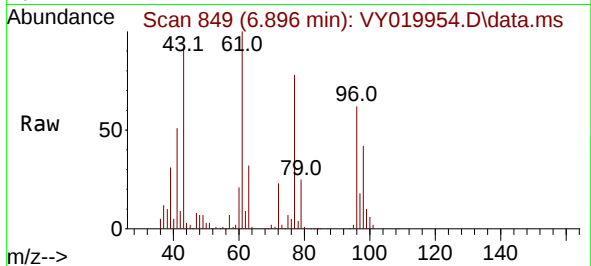




#25
2-Butanone
Concen: 259.205 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.007 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

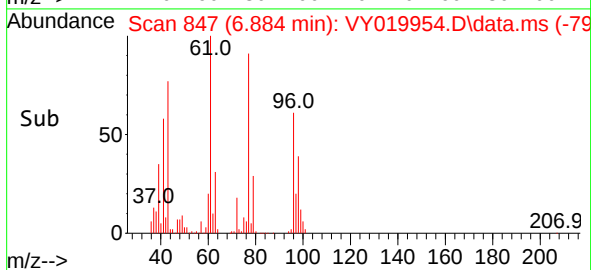
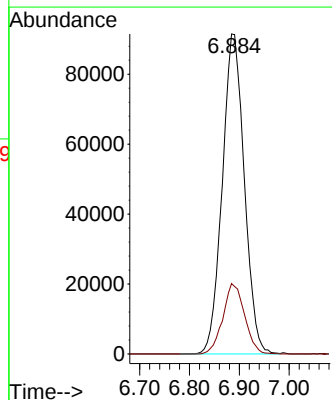
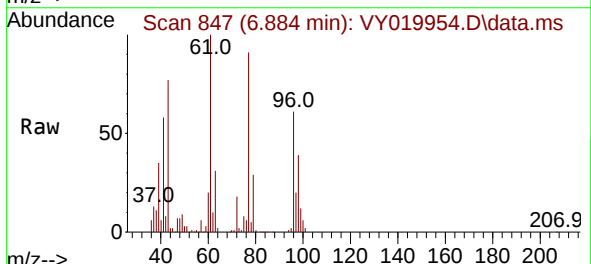
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 272647
Ion Ratio Lower Upper
43 100
72 25.1 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 54.852 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

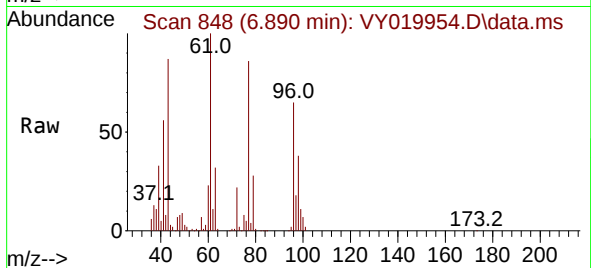
Tgt Ion: 77 Resp: 280690
Ion Ratio Lower Upper
77 100
97 21.7 12.0 36.1





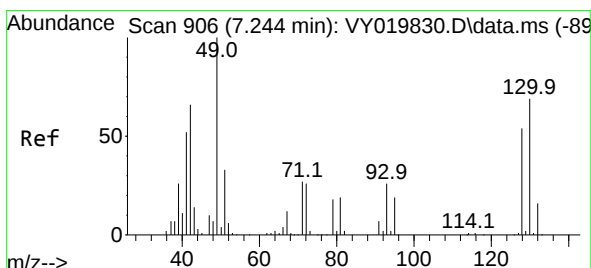
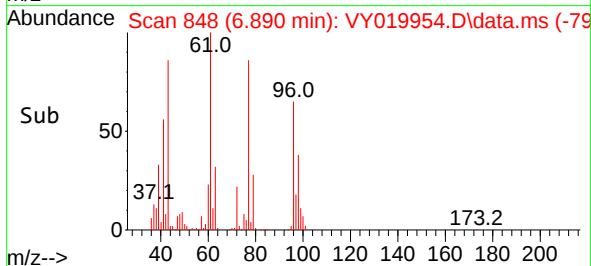
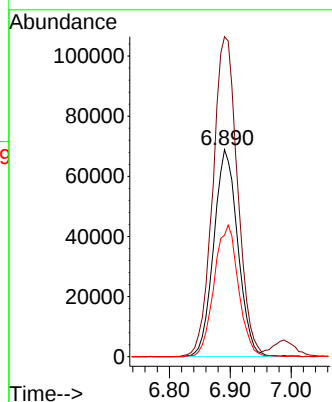
#27
 cis-1,2-Dichloroethene
 Concen: 53.424 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019954.D
 Acq: 21 Oct 2024 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 188992

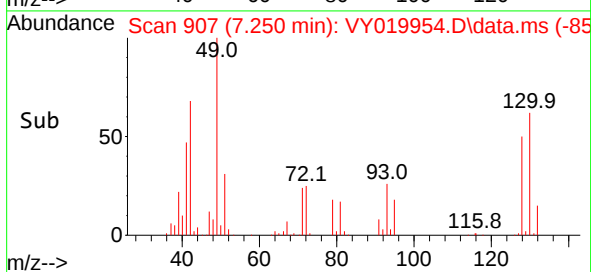
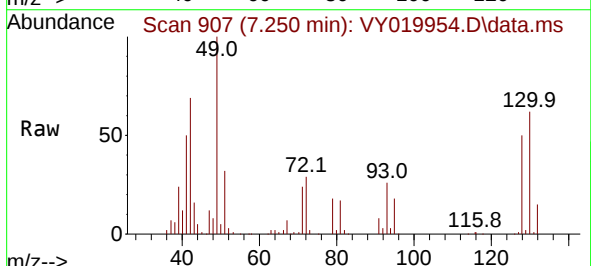
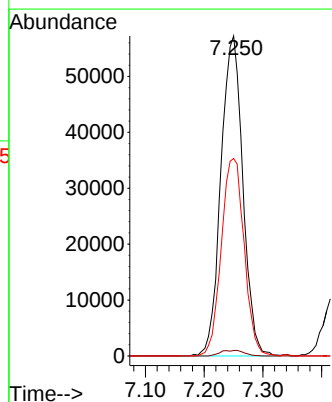
Ion	Ratio	Lower	Upper
96	100		
61	158.8	0.0	256.2
98	64.3	0.0	130.0

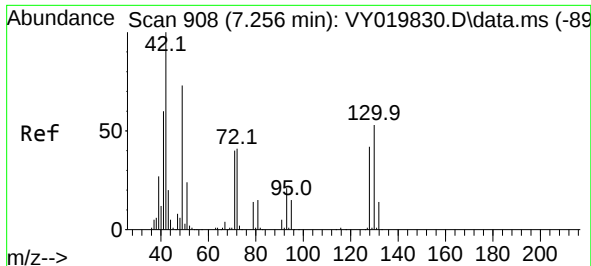


#28
 Bromochloromethane
 Concen: 58.730 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.007 min
 Lab File: VY019954.D
 Acq: 21 Oct 2024 10:38

Tgt Ion: 49 Resp: 148535

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.6
130	64.1	72.7	109.1





#29

Tetrahydrofuran

Concen: 249.529 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

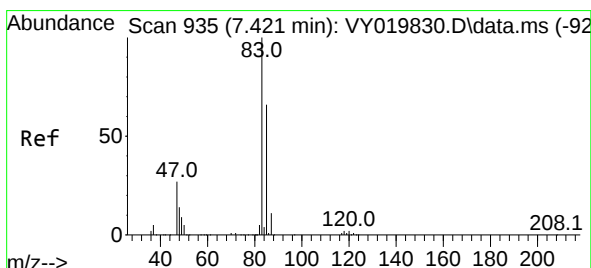
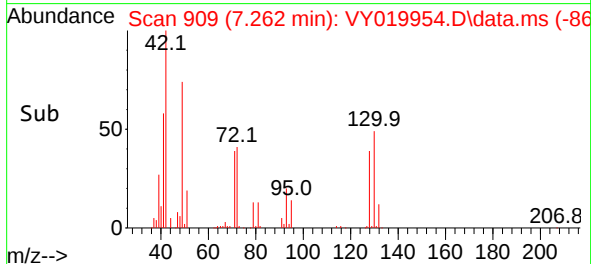
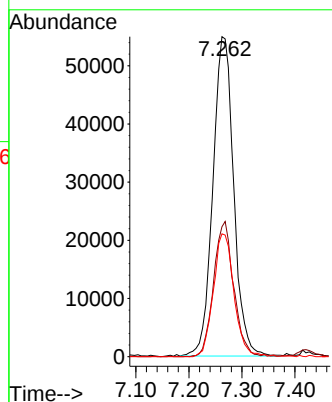
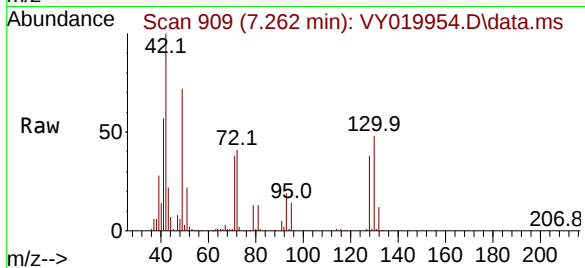
Tgt Ion: 42 Resp: 149864

Ion Ratio Lower Upper

42 100

72 40.8 43.0 64.4#

71 38.1 40.8 61.2#



#30

Chloroform

Concen: 57.037 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019954.D

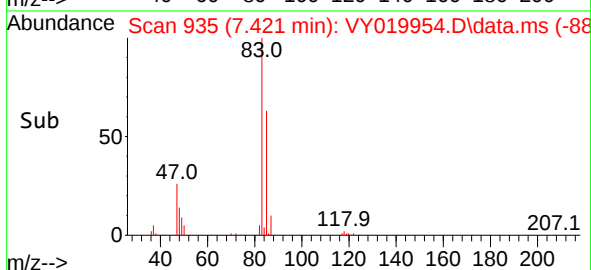
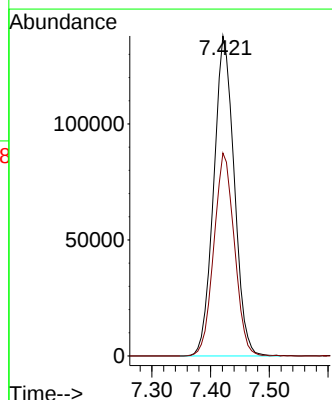
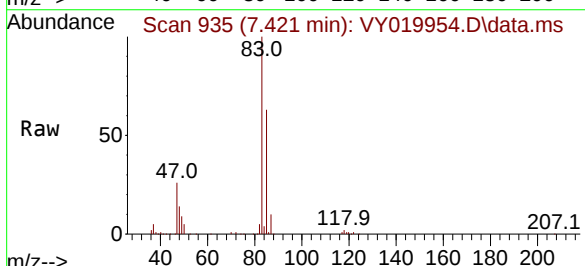
Acq: 21 Oct 2024 10:38

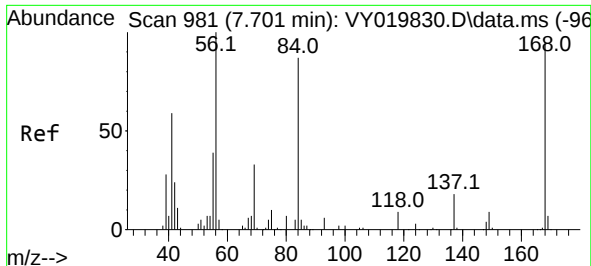
Tgt Ion: 83 Resp: 334087

Ion Ratio Lower Upper

83 100

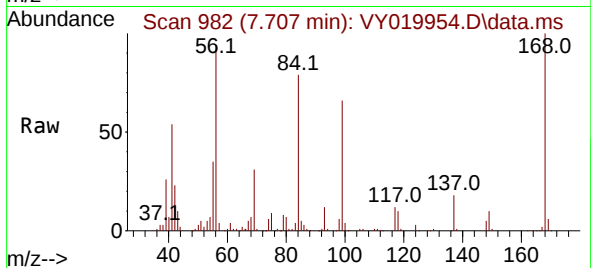
85 63.4 52.2 78.4



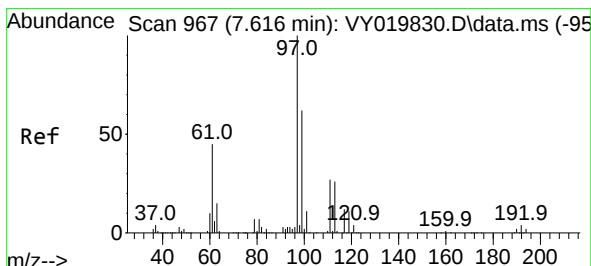
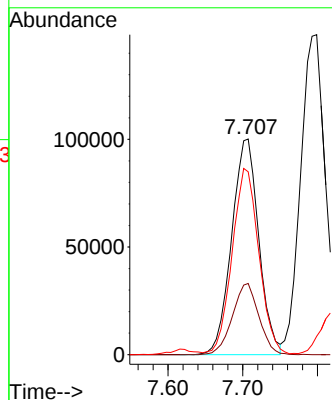
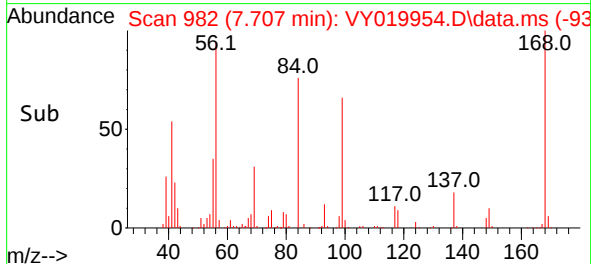


#31
Cyclohexane
Concen: 50.141 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Instrument :
MSVOA_Y
ClientSampleId :

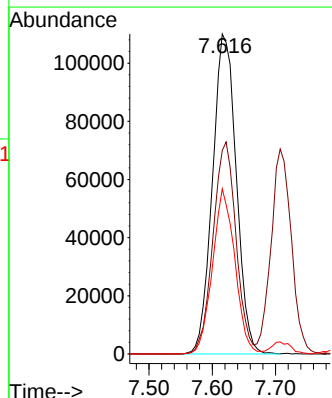
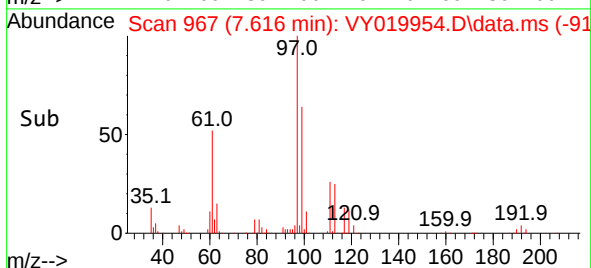
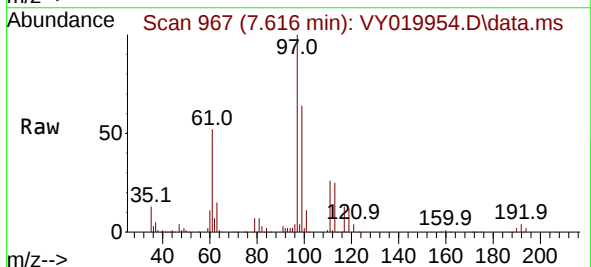


Tgt Ion: 56 Resp: 252913
Ion Ratio Lower Upper
56 100
69 33.1 28.7 43.1
84 82.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 55.942 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 97 Resp: 287166
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 48.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.009 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

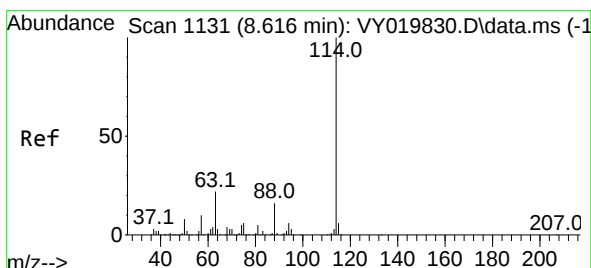
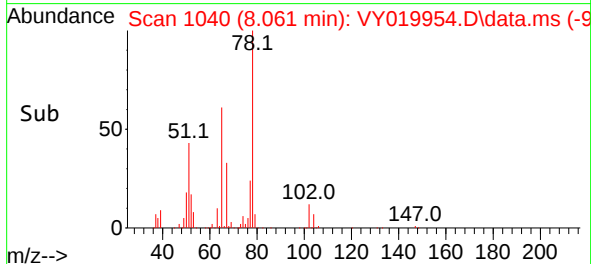
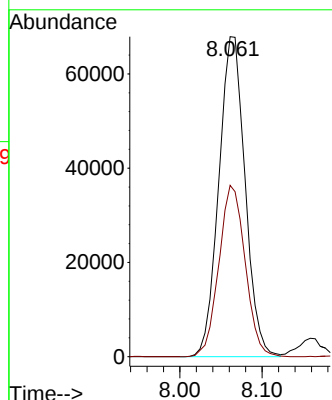
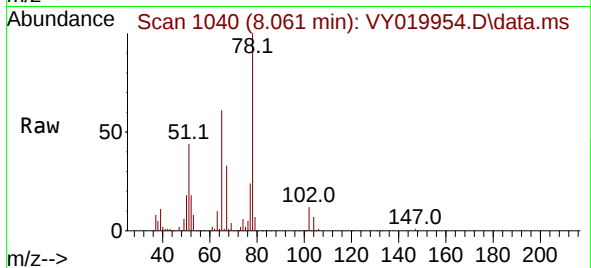
ClientSampleId :

Tgt Ion: 65 Resp: 150966

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

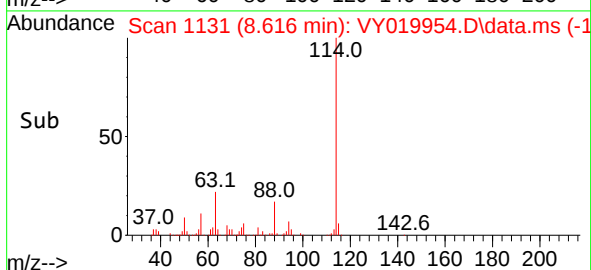
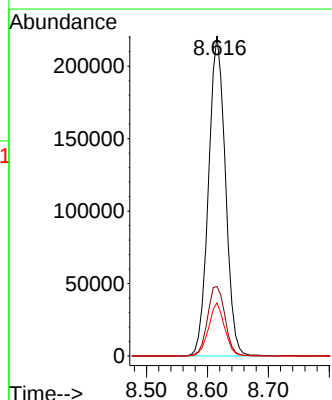
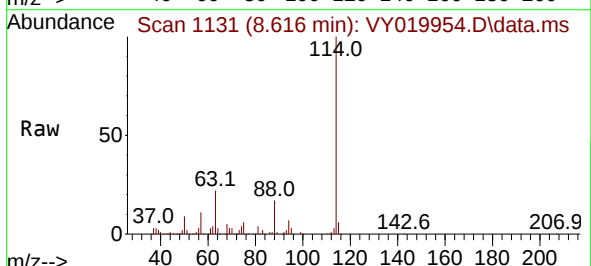
Tgt Ion: 114 Resp: 424846

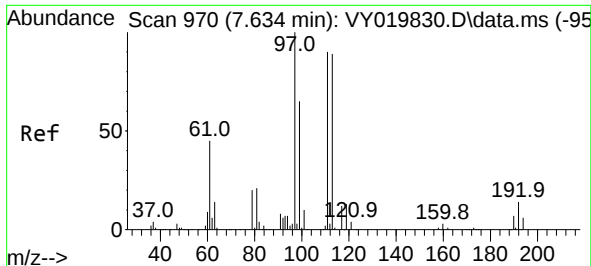
Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 16.6 0.0 27.2

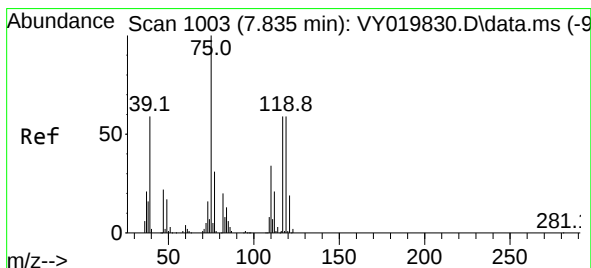
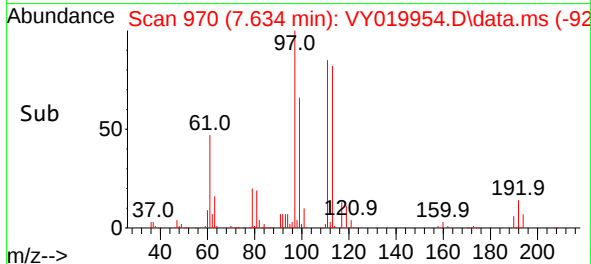
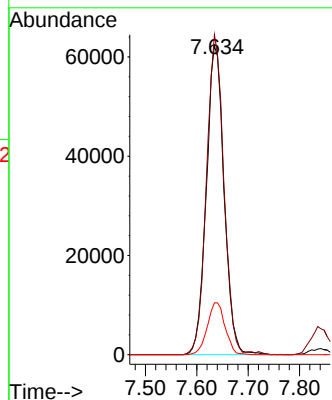
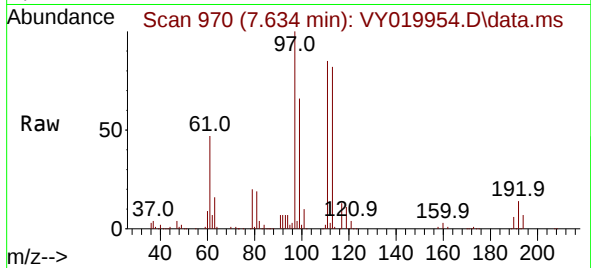




#35
Dibromofluoromethane
Concen: 53.273 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

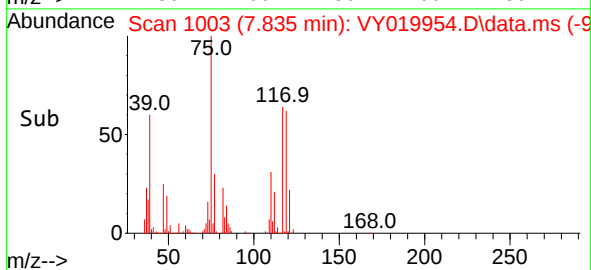
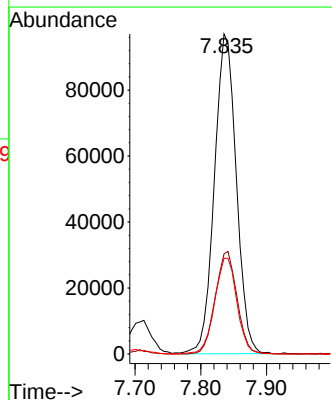
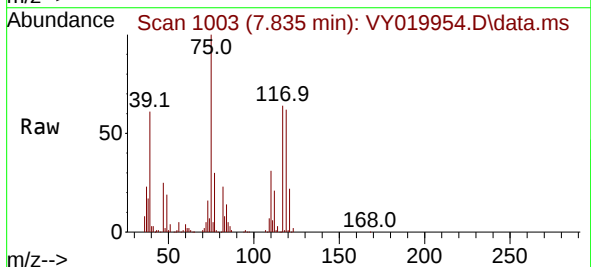
Instrument :
MSVOA_Y
ClientSampleId :

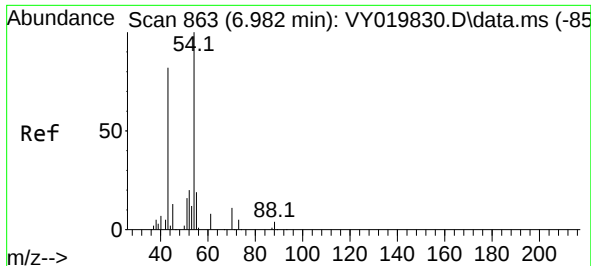
Tgt Ion:113 Resp: 149352
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 16.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 55.584 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 75 Resp: 224503
Ion Ratio Lower Upper
75 100
110 31.8 19.0 57.0
77 30.5 25.3 37.9





#37

Ethyl Acetate

Concen: 50.724 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

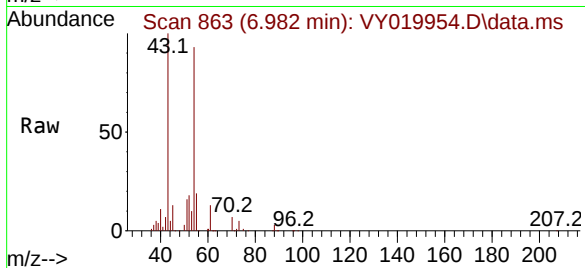
Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :



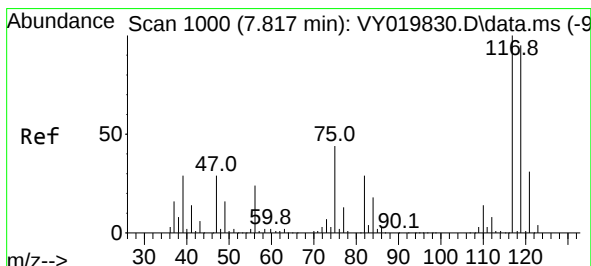
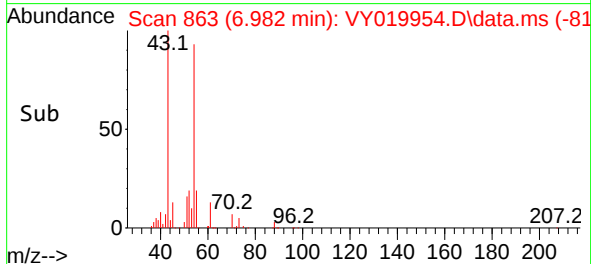
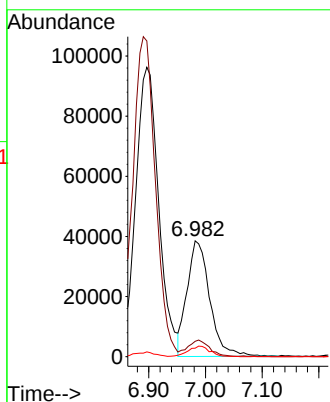
Tgt Ion: 43 Resp: 106828

Ion Ratio Lower Upper

43 100

61 12.7 12.6 19.0

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 56.093 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.007 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

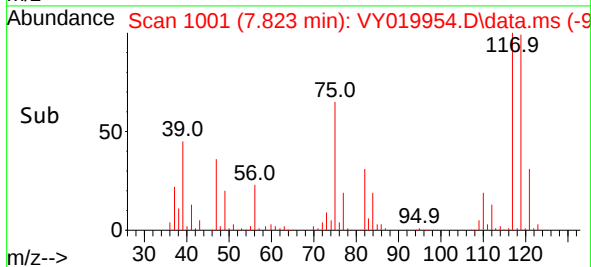
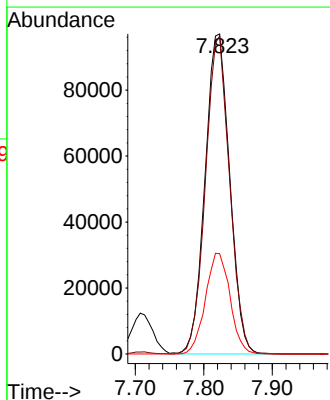
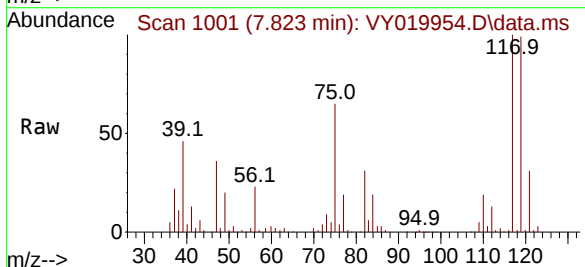
Tgt Ion: 117 Resp: 242877

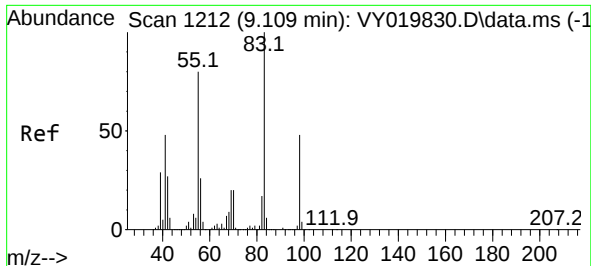
Ion Ratio Lower Upper

117 100

119 99.4 75.8 113.6

121 31.3 24.0 36.0





#39

Methylcyclohexane

Concen: 53.134 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

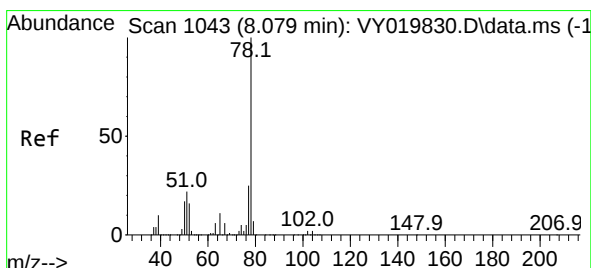
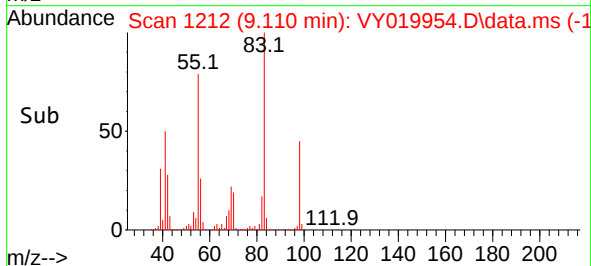
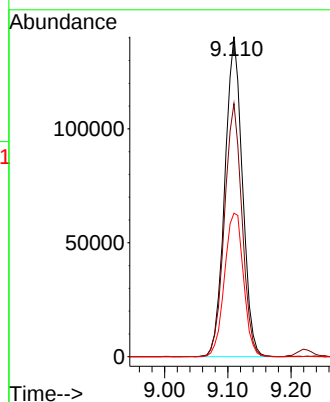
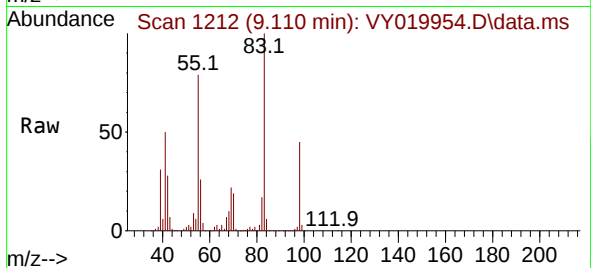
Tgt Ion: 83 Resp: 270403

Ion Ratio Lower Upper

83 100

55 79.1 51.5 77.3#

98 44.8 40.5 60.7



#40

Benzene

Concen: 55.063 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019954.D

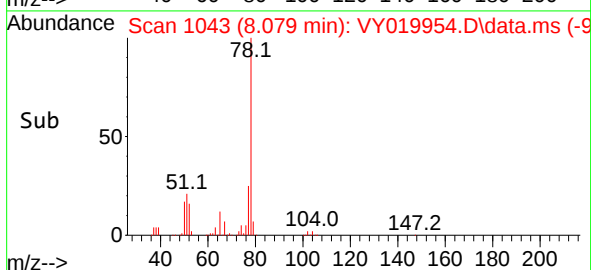
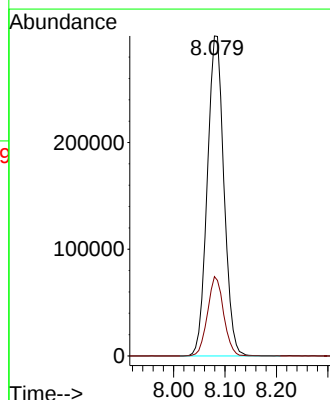
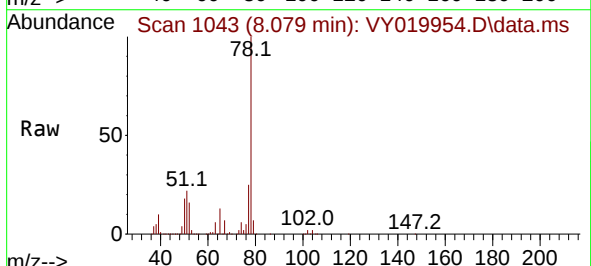
Acq: 21 Oct 2024 10:38

Tgt Ion: 78 Resp: 673065

Ion Ratio Lower Upper

78 100

77 24.8 19.5 29.3

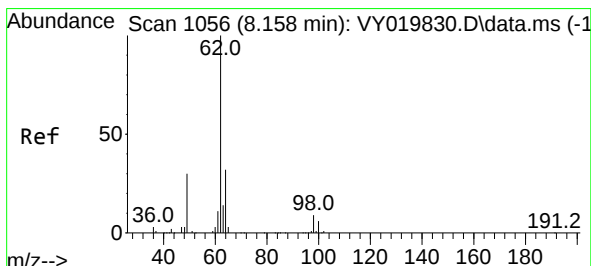
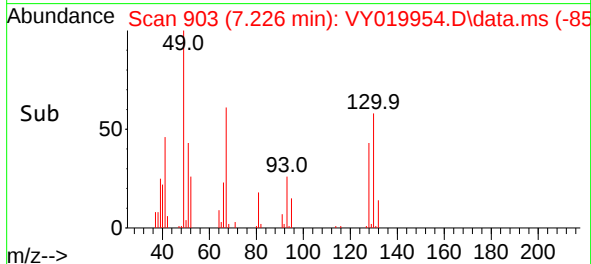
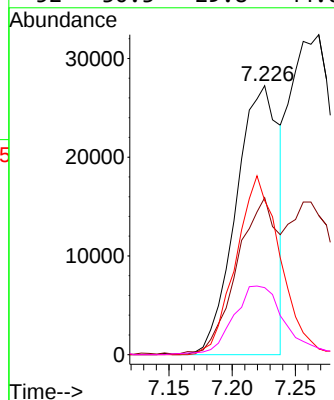
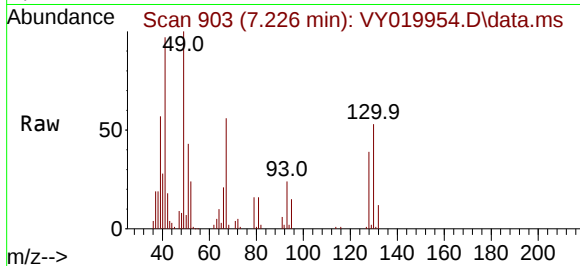




#41
Methacrylonitrile
Concen: 56.357 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

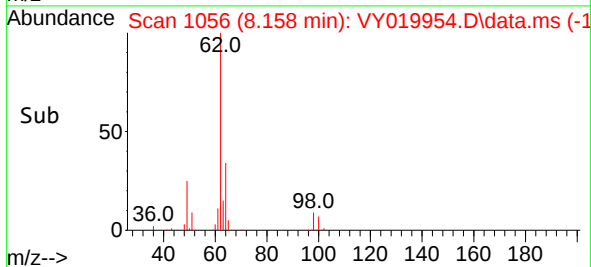
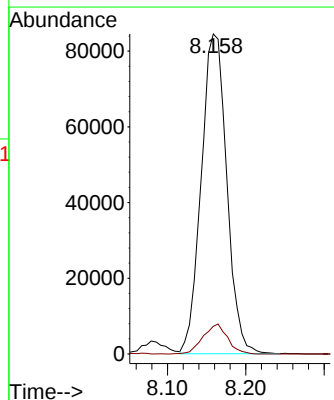
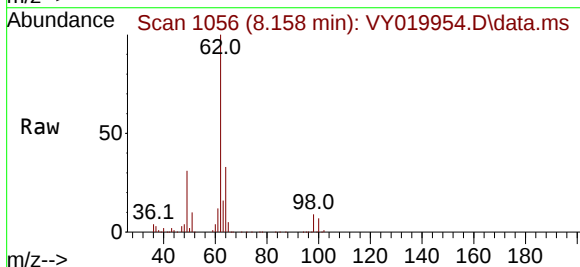
Instrument :
MSVOA_Y
ClientSampleId :

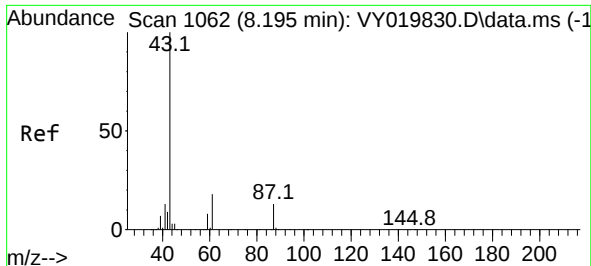
Tgt Ion: 41 Resp: 64239
Ion Ratio Lower Upper
41 100
39 55.5 48.0 72.0
67 69.2 75.1 112.7#
52 30.3 29.8 44.6



#42
1,2-Dichloroethane
Concen: 54.538 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 62 Resp: 191523
Ion Ratio Lower Upper
62 100
98 8.9 0.0 22.0

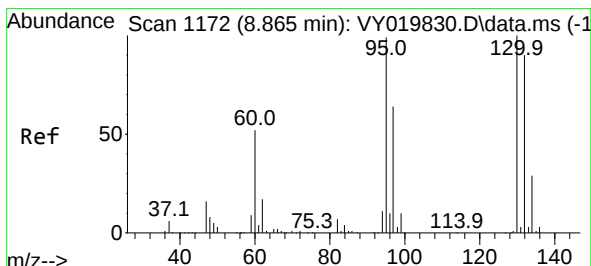
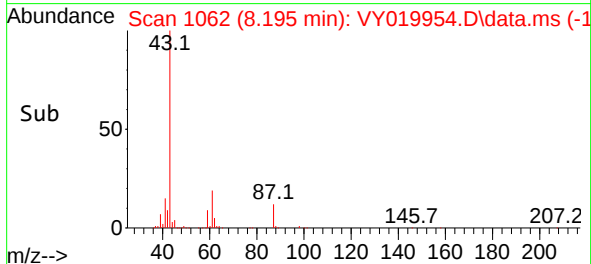
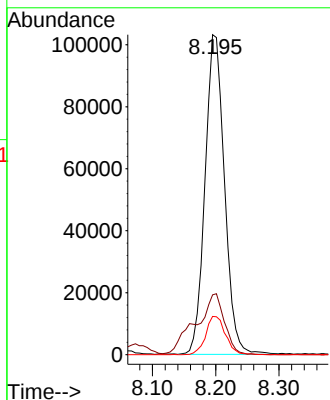
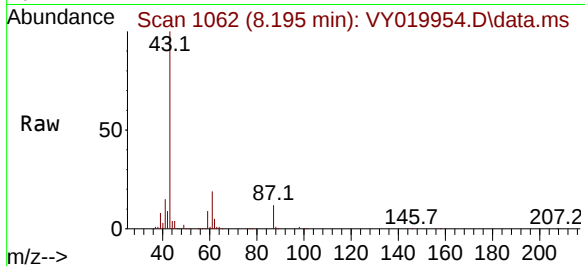




#43
Isopropyl Acetate
Concen: 51.475 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

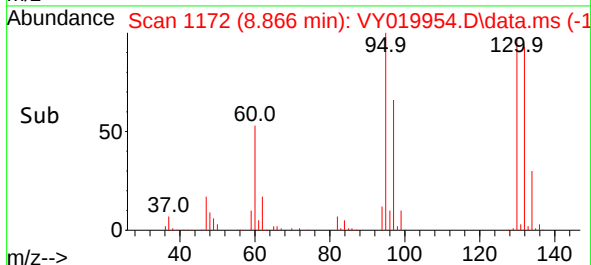
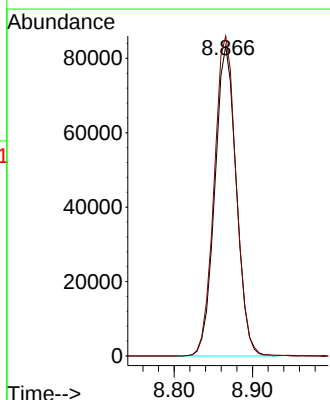
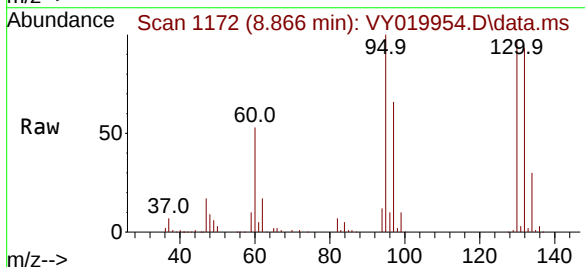
Instrument :
MSVOA_Y
ClientSampleId :

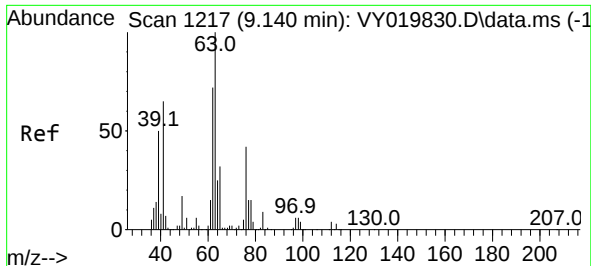
Tgt Ion: 43 Resp: 221092
Ion Ratio Lower Upper
43 100
61 28.3 27.9 41.9
87 12.2 13.1 19.7#



#44
Trichloroethene
Concen: 53.601 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion:130 Resp: 158688
Ion Ratio Lower Upper
130 100
95 103.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 57.205 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

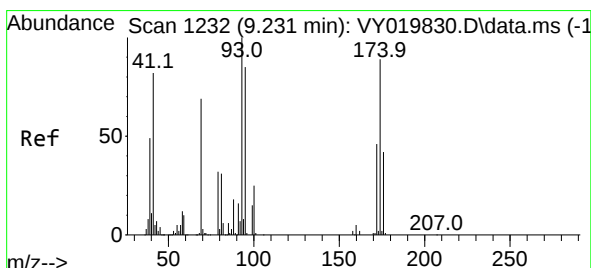
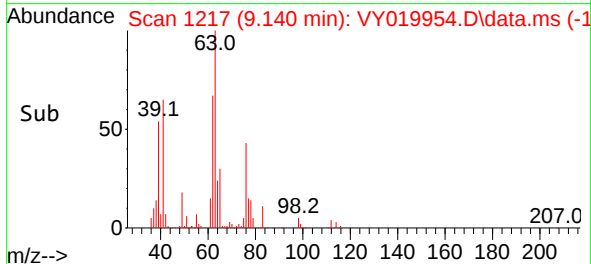
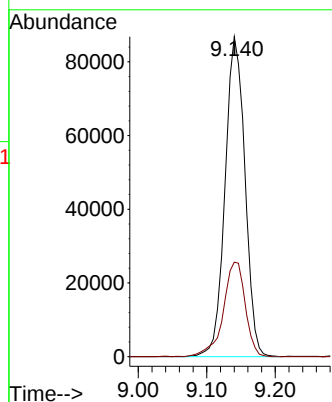
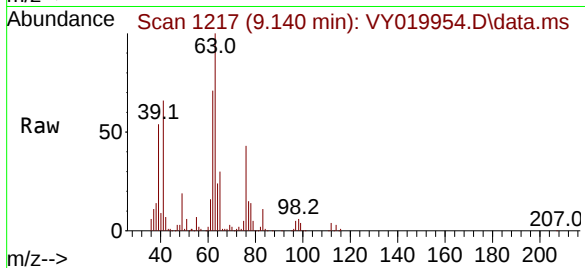
ClientSampleId :

Tgt Ion: 63 Resp: 175019

Ion Ratio Lower Upper

63 100

65 29.5 25.4 38.2



#46

Dibromomethane

Concen: 52.760 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

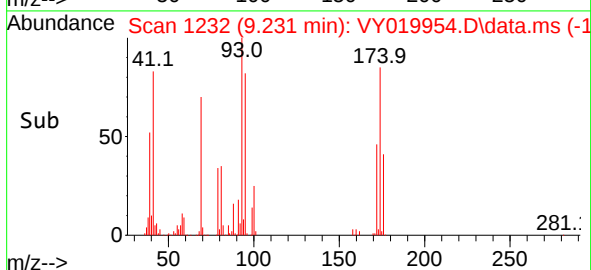
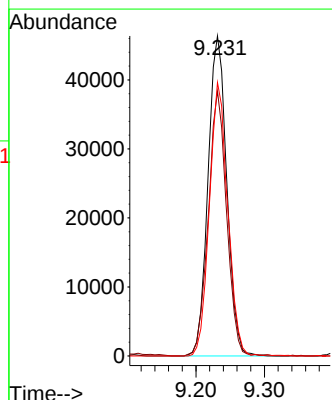
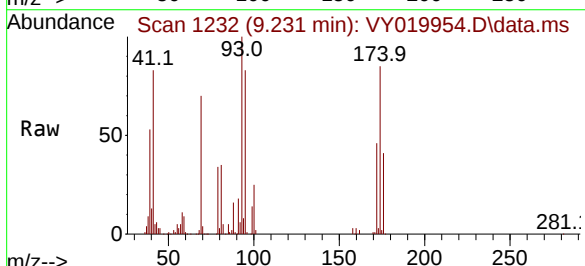
Tgt Ion: 93 Resp: 88192

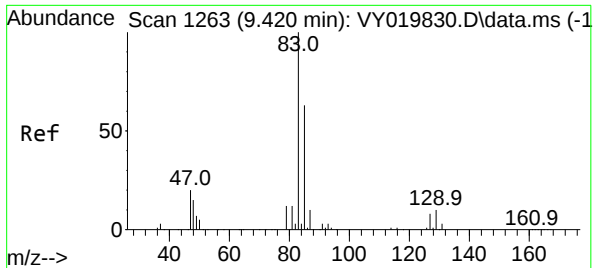
Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.4

174 83.5 80.9 121.3

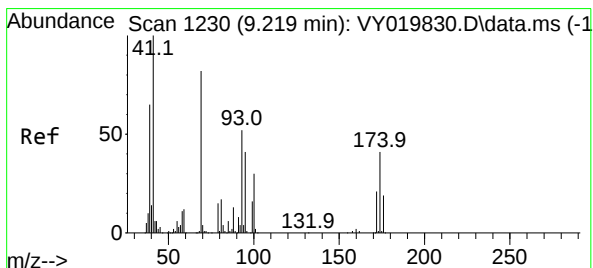
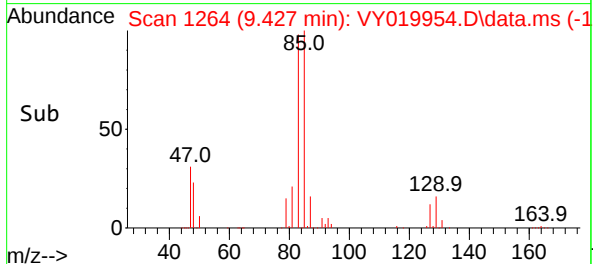
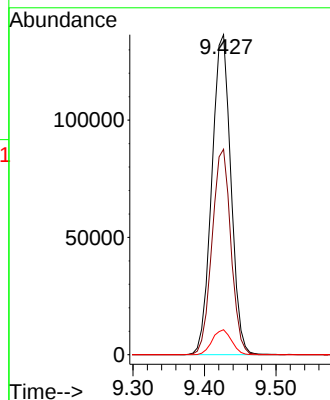
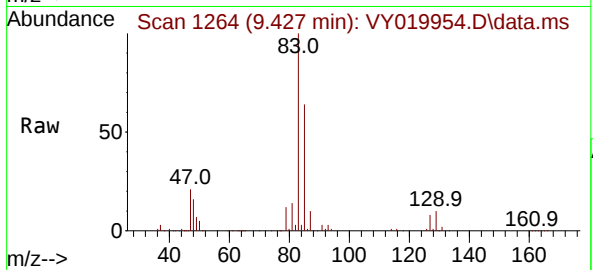




#47
Bromodichloromethane
Concen: 56.876 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

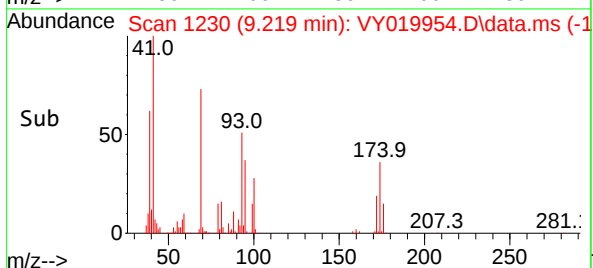
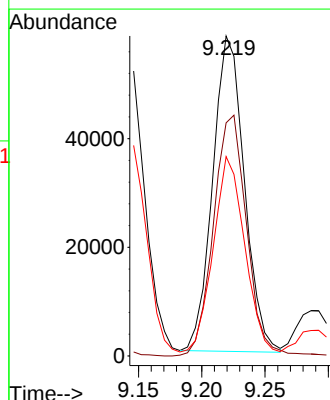
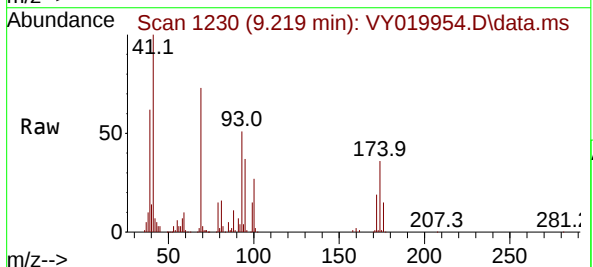
Instrument :
MSVOA_Y
ClientSampleId :

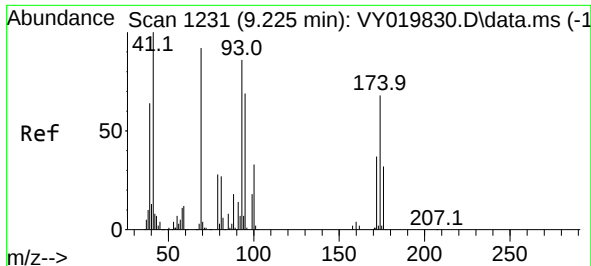
Tgt Ion: 83 Resp: 252352
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 53.396 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 41 Resp: 100882
Ion Ratio Lower Upper
41 100
69 80.3 84.1 126.1#
39 61.8 43.6 65.4





#49

1,4-Dioxane

Concen: 1024.920 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

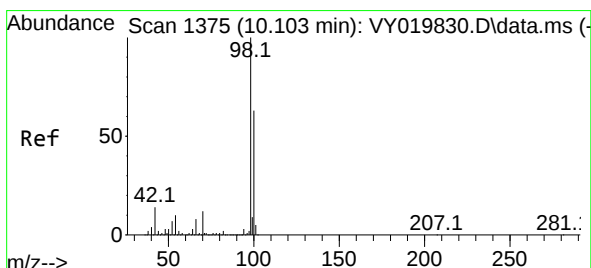
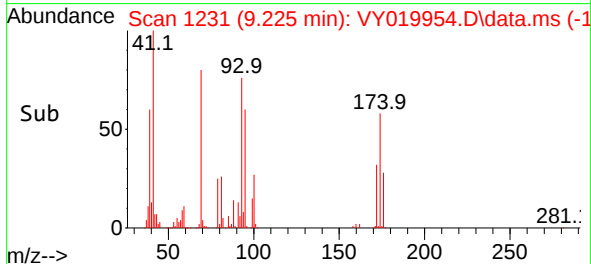
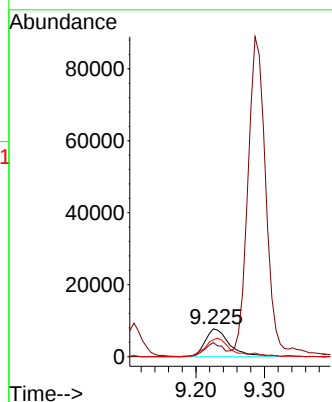
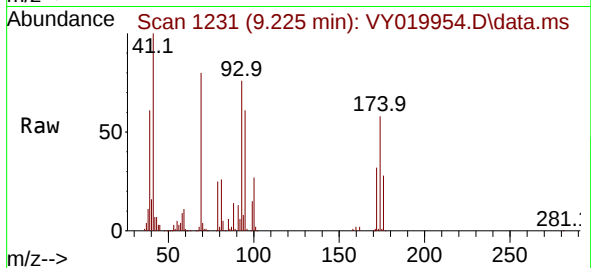
Tgt Ion: 88 Resp: 19175

Ion Ratio Lower Upper

88 100

43 36.4 0.0 0.0#

58 64.3 49.3 73.9



#50

Toluene-d8

Concen: 52.892 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019954.D

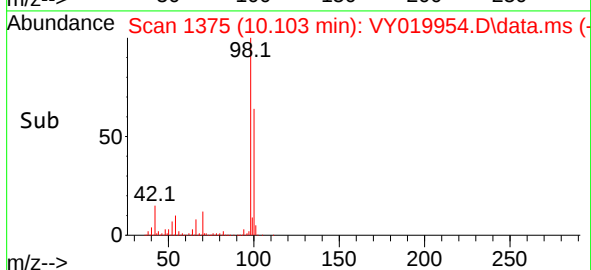
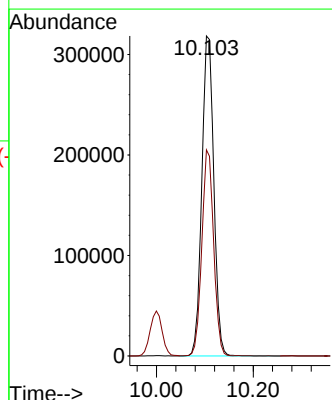
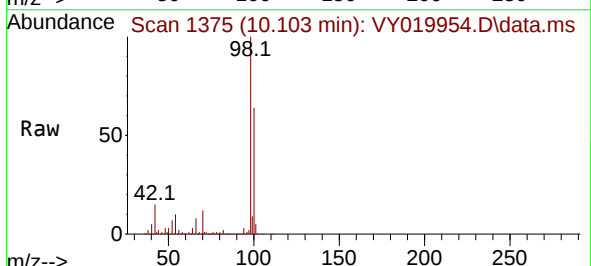
Acq: 21 Oct 2024 10:38

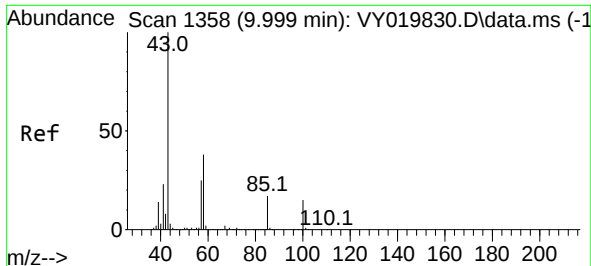
Tgt Ion: 98 Resp: 547588

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 266.988 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

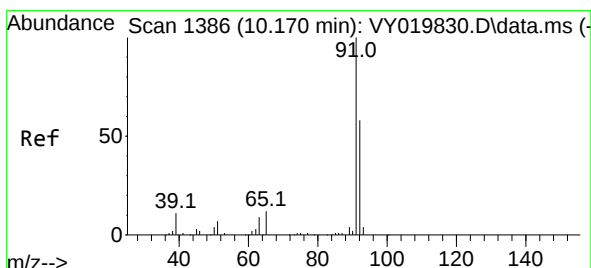
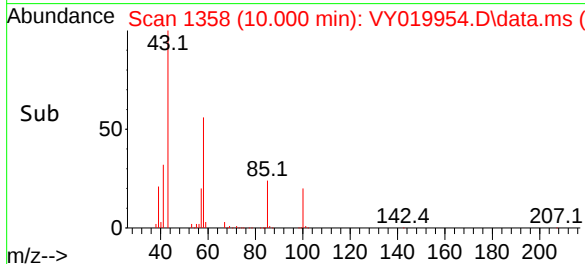
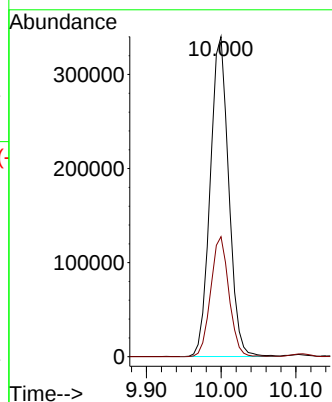
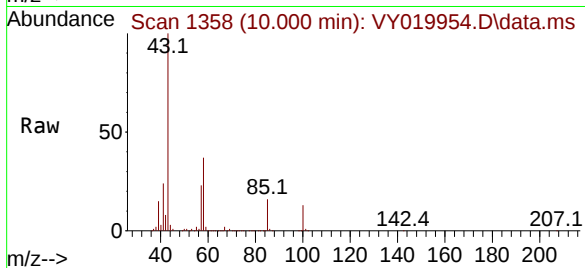
ClientSampleId :

Tgt Ion: 43 Resp: 584915

Ion Ratio Lower Upper

43 100

58 37.1 35.7 53.5



#52

Toluene

Concen: 56.832 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019954.D

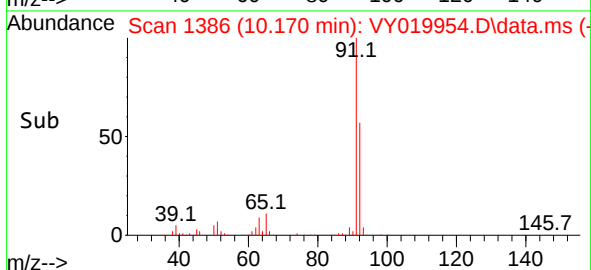
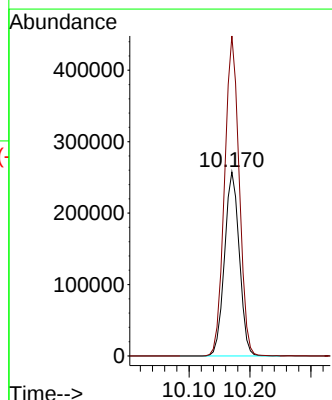
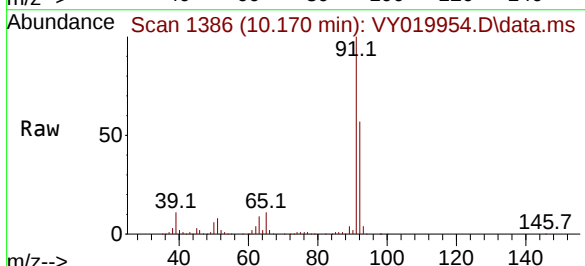
Acq: 21 Oct 2024 10:38

Tgt Ion: 92 Resp: 433627

Ion Ratio Lower Upper

92 100

91 172.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 54.040 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

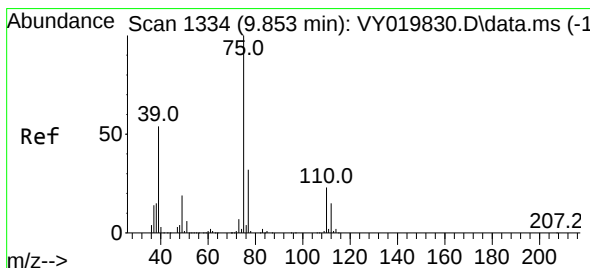
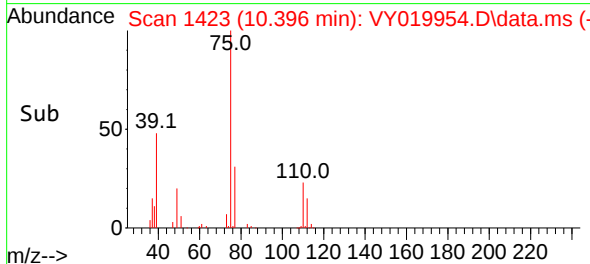
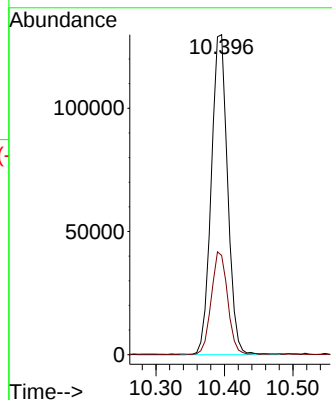
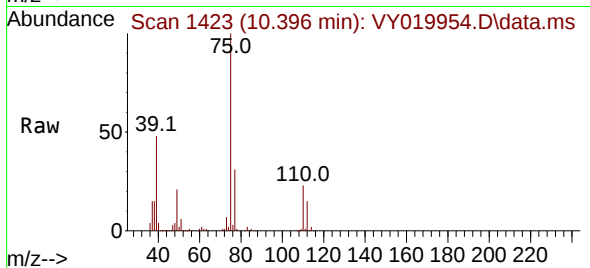
ClientSampleId :

Tgt Ion: 75 Resp: 215733

Ion Ratio Lower Upper

75 100

77 30.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 55.015 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

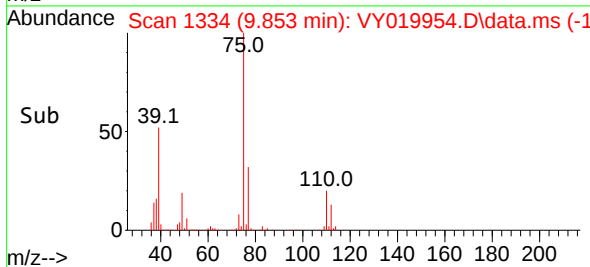
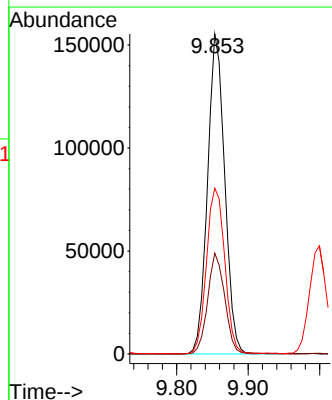
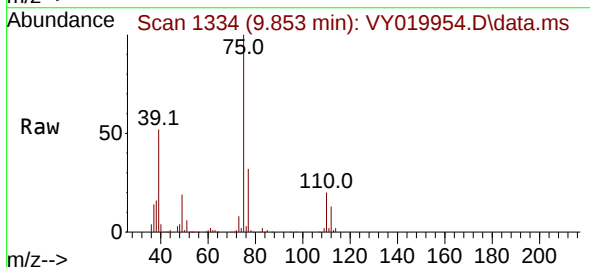
Tgt Ion: 75 Resp: 259150

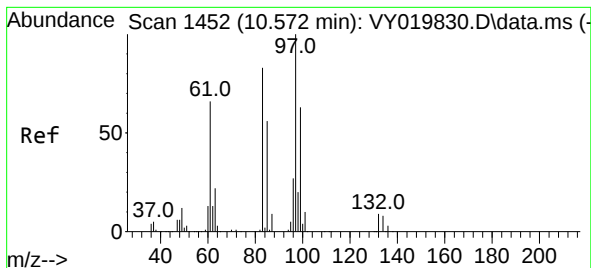
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 51.7 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 53.784 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 118450

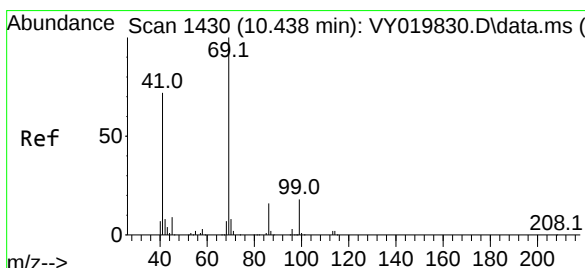
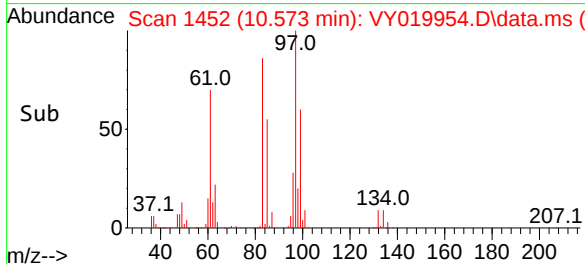
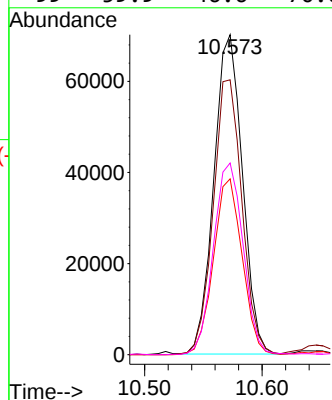
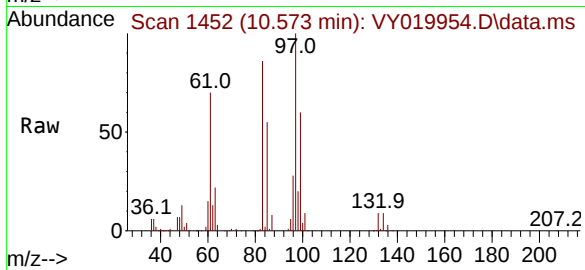
Ion Ratio Lower Upper

97 100

83 85.7 67.5 101.3

85 55.0 42.9 64.3

99 59.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 52.977 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

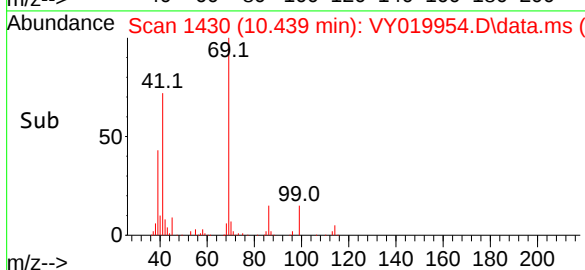
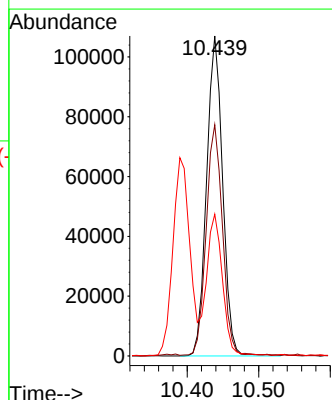
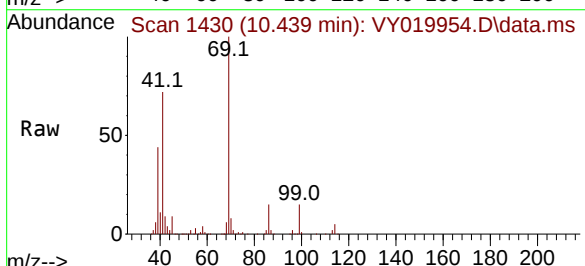
Tgt Ion: 69 Resp: 167414

Ion Ratio Lower Upper

69 100

41 72.6 42.3 63.5#

39 43.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 54.262 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

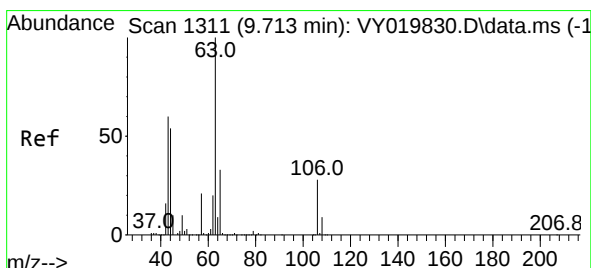
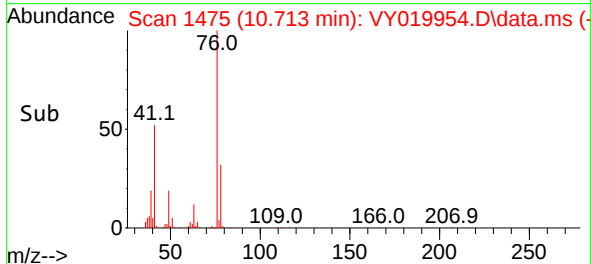
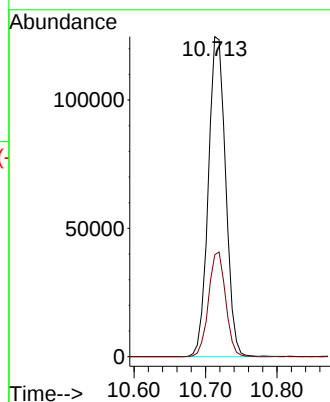
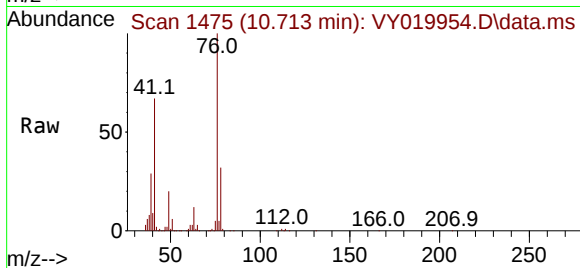
ClientSampleId :

Tgt Ion: 76 Resp: 209861

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 270.497 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019954.D

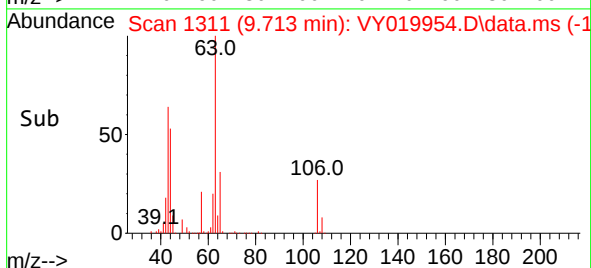
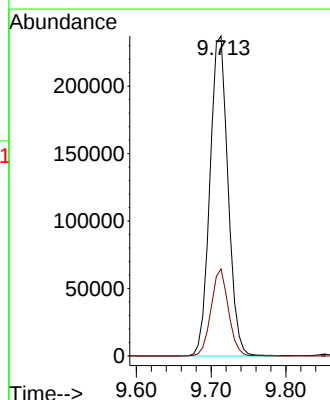
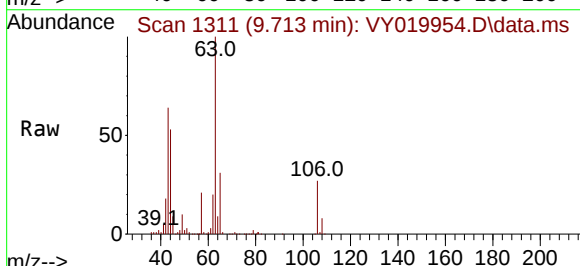
Acq: 21 Oct 2024 10:38

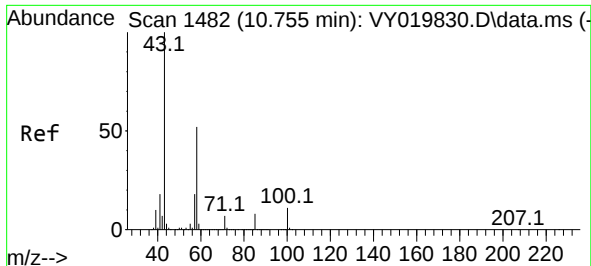
Tgt Ion: 63 Resp: 397935

Ion Ratio Lower Upper

63 100

106 26.1 23.7 35.5





#59

2-Hexanone

Concen: 270.628 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

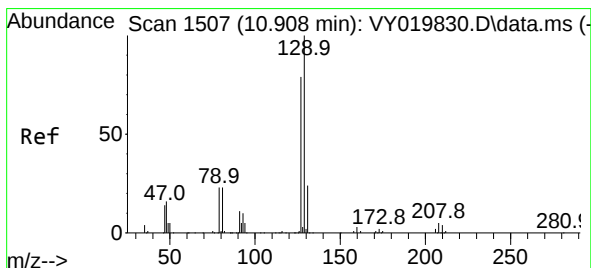
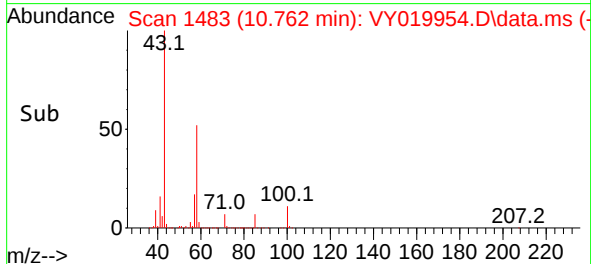
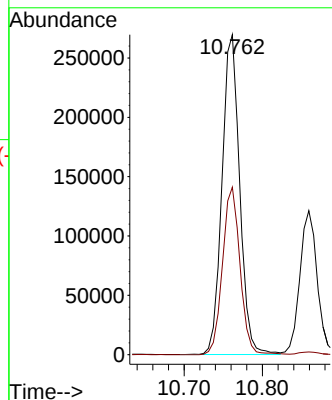
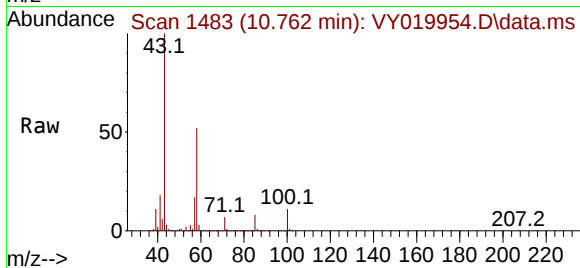
ClientSampleId :

Tgt Ion: 43 Resp: 423460

Ion Ratio Lower Upper

43 100

58 51.9 31.4 94.0



#60

Dibromochloromethane

Concen: 53.563 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY019954.D

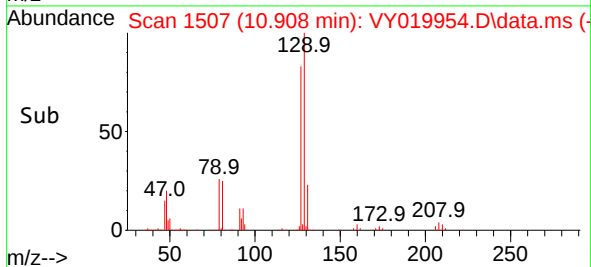
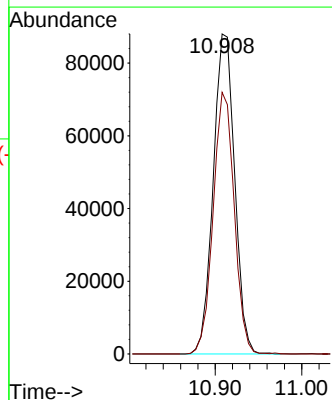
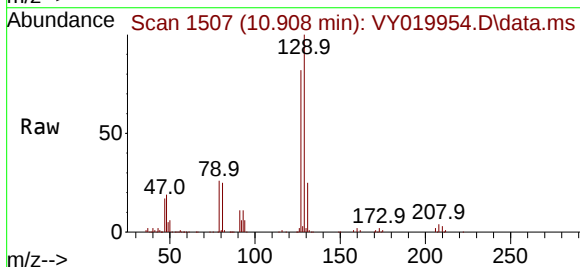
Acq: 21 Oct 2024 10:38

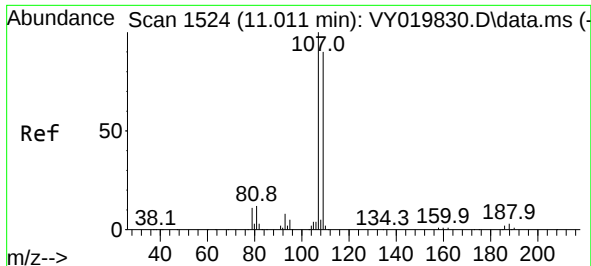
Tgt Ion: 129 Resp: 151408

Ion Ratio Lower Upper

129 100

127 80.3 39.0 117.0

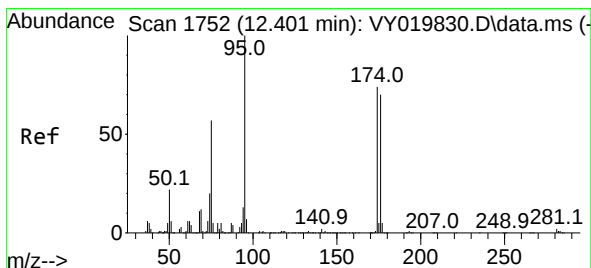
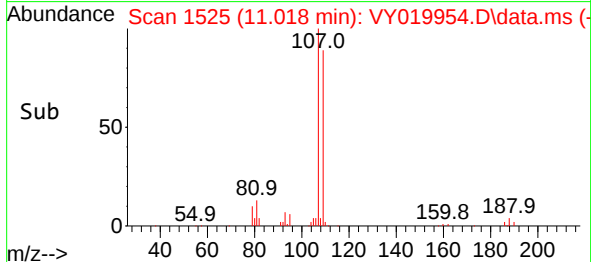
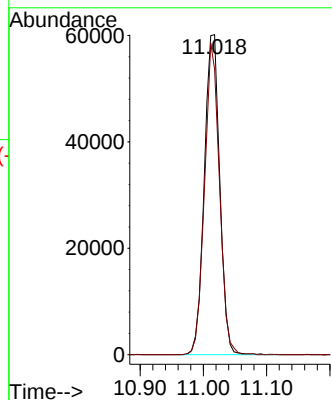
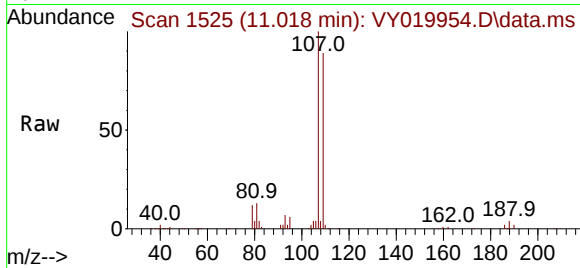




#61
1,2-Dibromoethane
Concen: 51.578 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

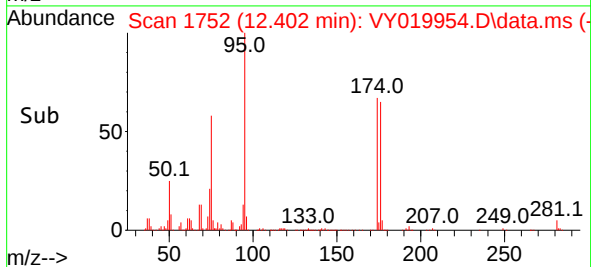
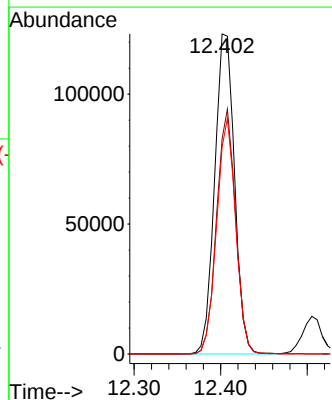
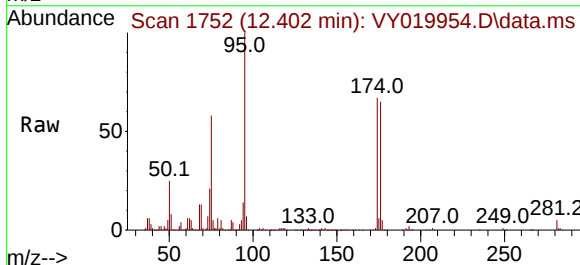
Instrument :
MSVOA_Y
ClientSampleId :

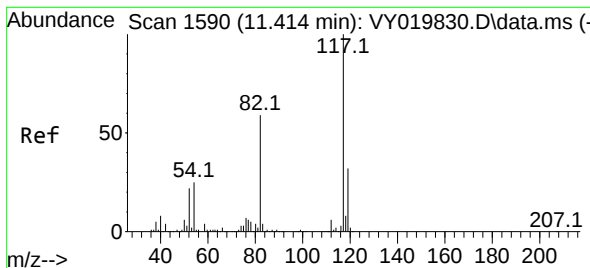
Tgt Ion:107 Resp: 102647
Ion Ratio Lower Upper
107 100
109 93.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.448 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 95 Resp: 196199
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 70.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

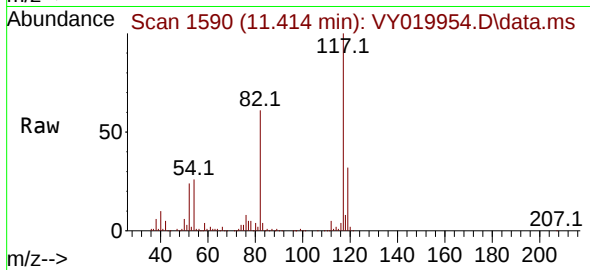
Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :



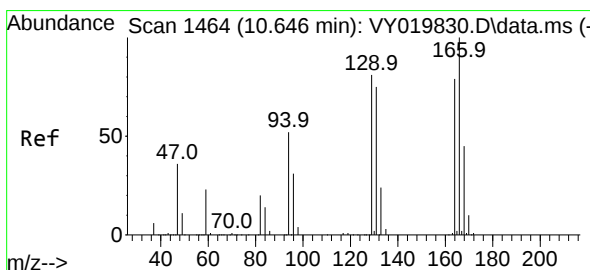
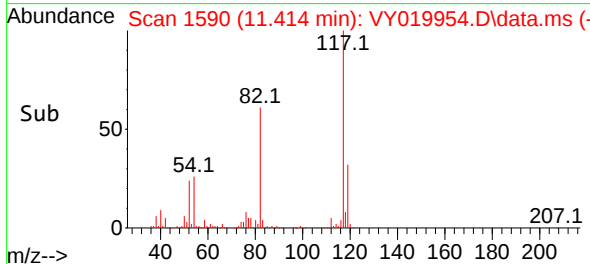
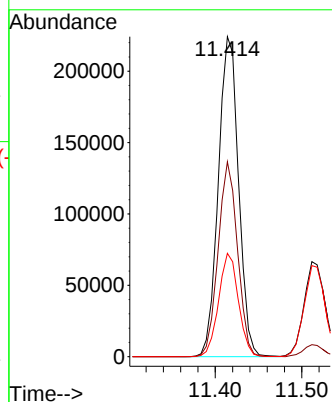
Tgt Ion:117 Resp: 363426

Ion Ratio Lower Upper

117 100

82 60.9 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 51.531 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Tgt Ion:164 Resp: 133207

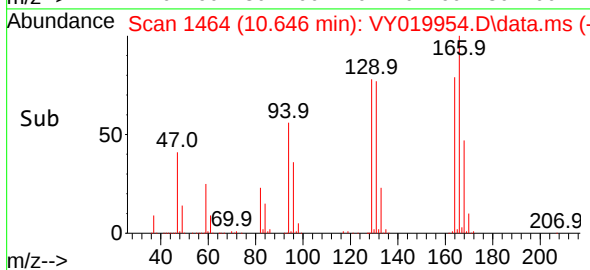
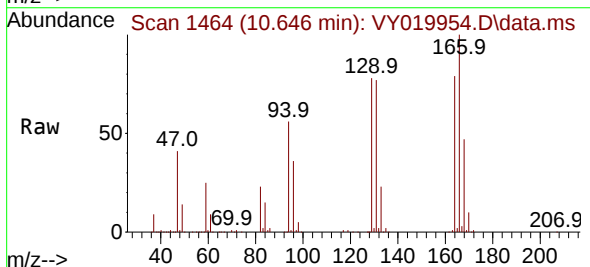
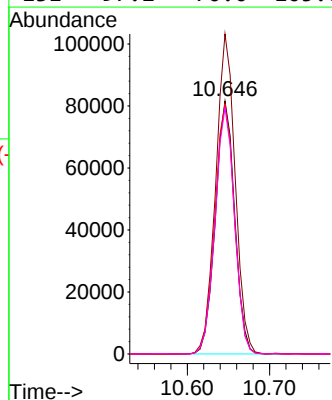
Ion Ratio Lower Upper

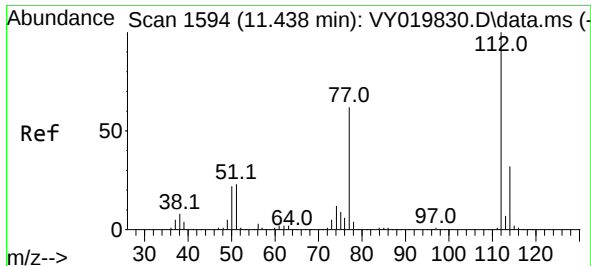
164 100

166 126.6 102.6 154.0

129 99.0 72.0 108.0

131 97.2 70.0 105.0

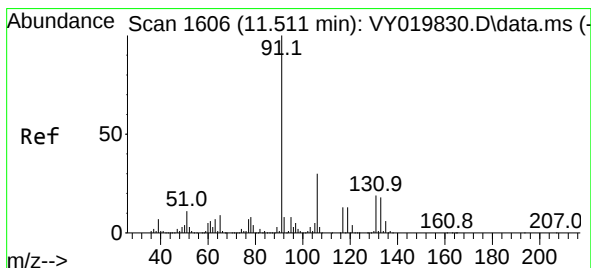
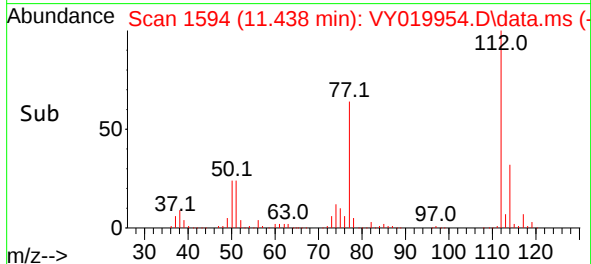
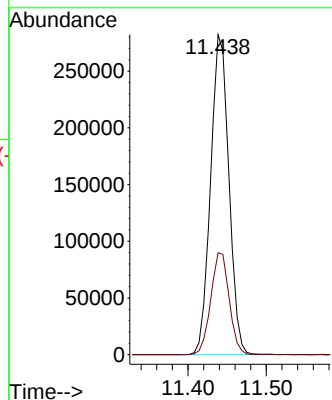
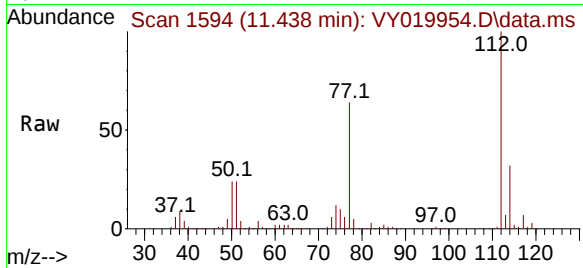




#65
Chlorobenzene
Concen: 55.013 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

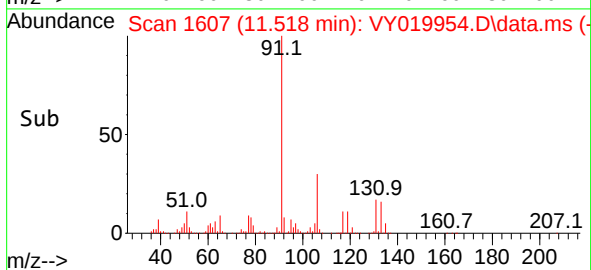
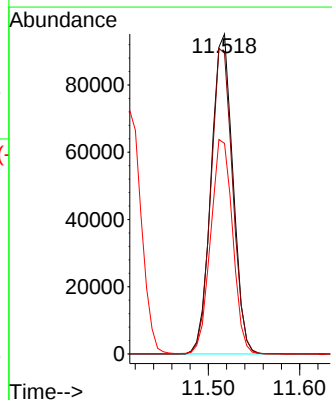
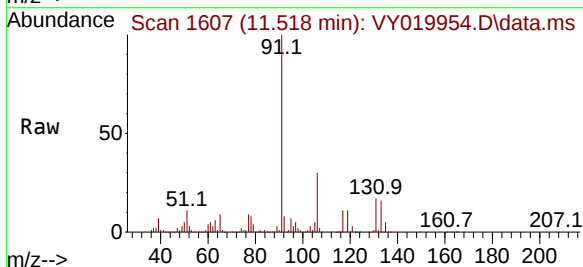
Instrument :
MSVOA_Y
ClientSampleId :

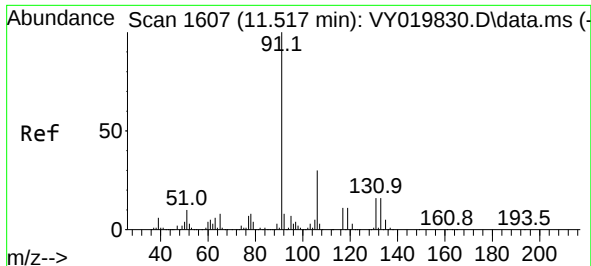
Tgt Ion:112 Resp: 457291
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.055 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion:131 Resp: 157647
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 67.7 34.1 102.2





#67

Ethyl Benzene

Concen: 57.228 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

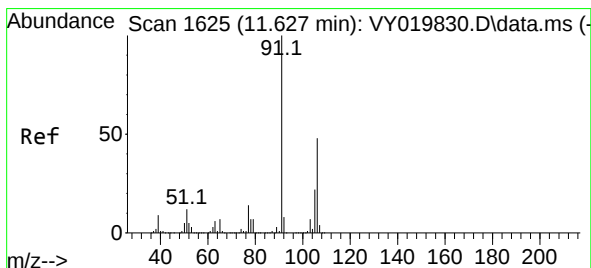
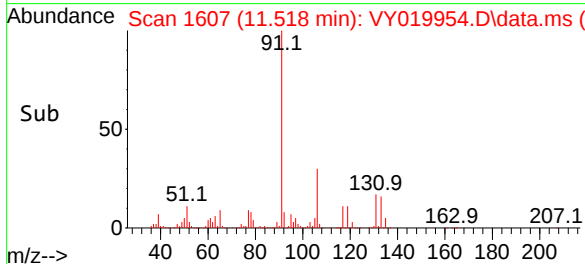
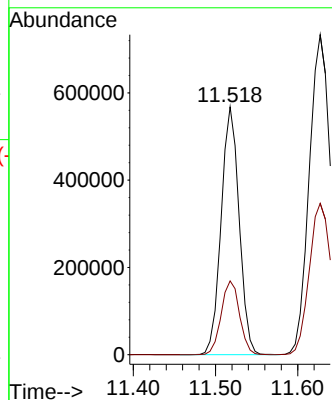
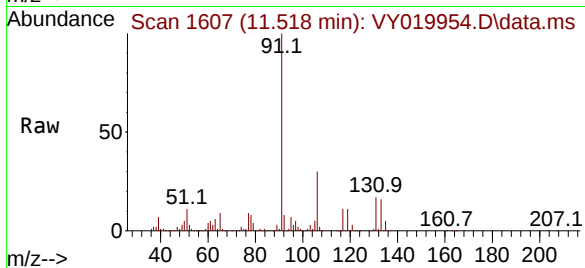
ClientSampleId :

Tgt Ion: 91 Resp: 864129

Ion Ratio Lower Upper

91 100

106 29.8 24.5 36.7



#68

m/p-Xylenes

Concen: 114.148 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019954.D

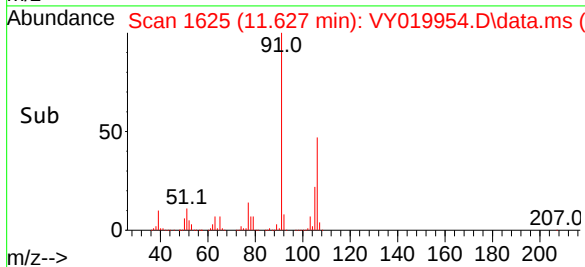
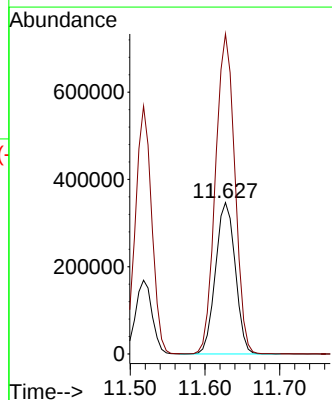
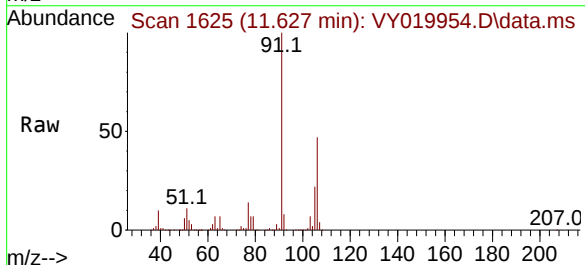
Acq: 21 Oct 2024 10:38

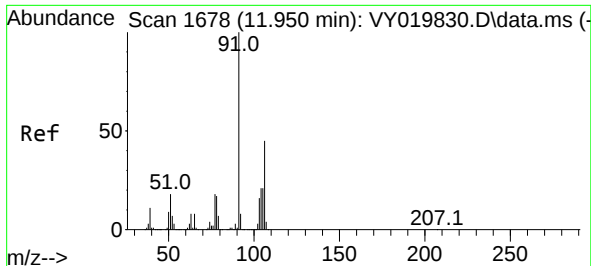
Tgt Ion:106 Resp: 636570

Ion Ratio Lower Upper

106 100

91 207.8 156.0 234.0

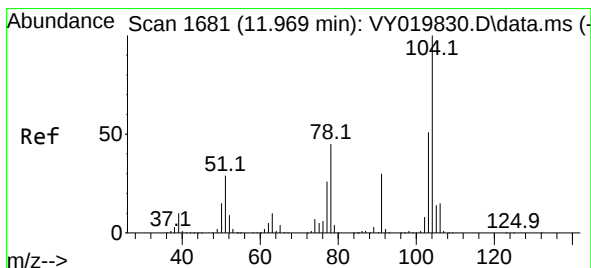
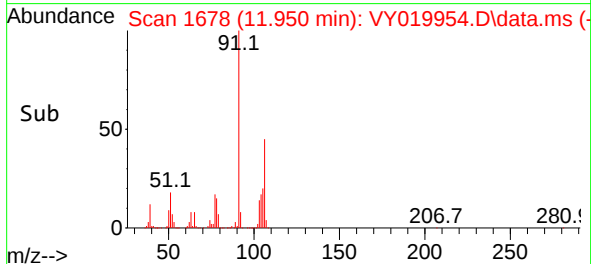
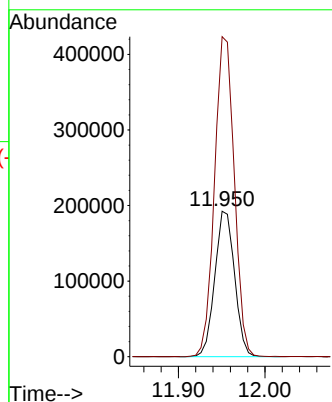
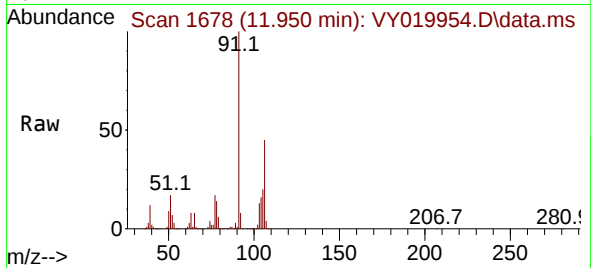




#69
o-Xylene
Concen: 56.952 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

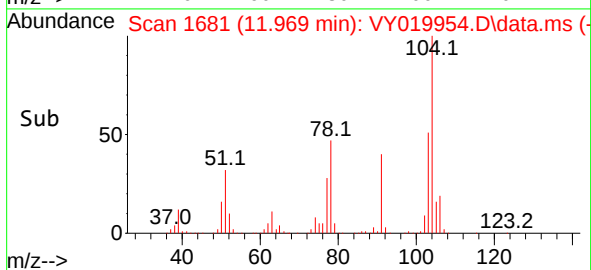
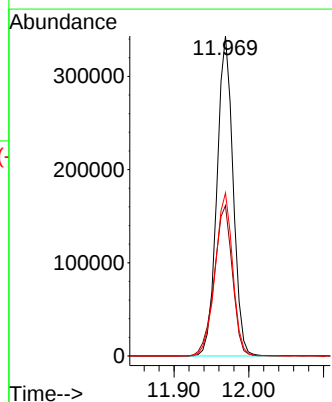
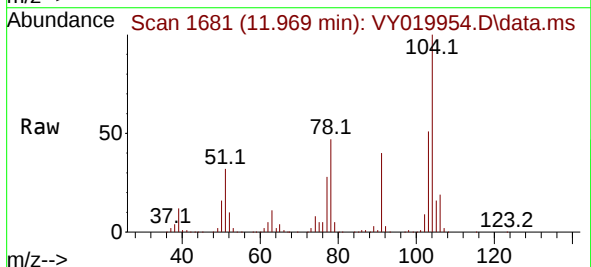
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 305155
Ion Ratio Lower Upper
106 100
91 219.9 103.6 310.8



#70
Styrene
Concen: 57.065 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion:104 Resp: 515861
Ion Ratio Lower Upper
104 100
78 52.9 37.0 55.4
103 55.1 44.2 66.2





#71

Bromoform

Concen: 53.505 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019954.D

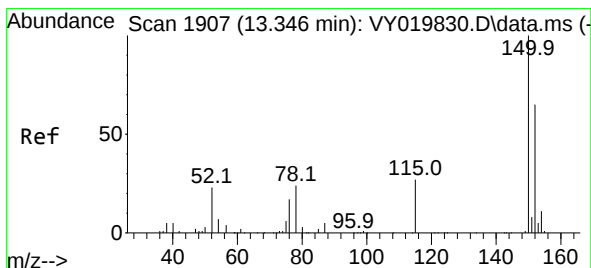
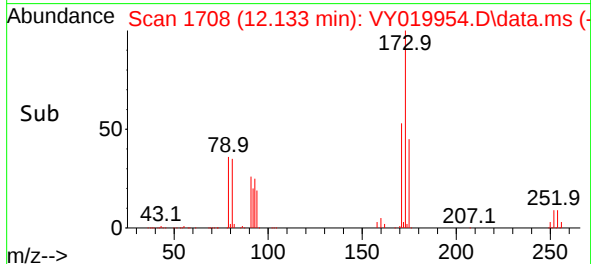
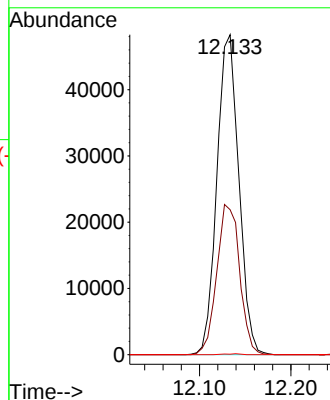
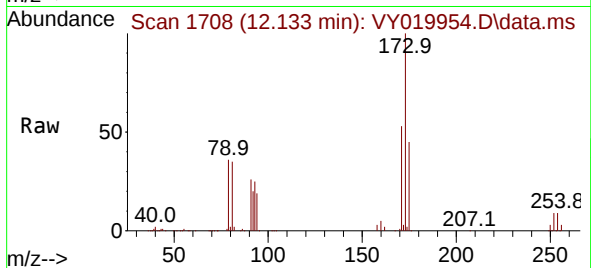
Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 80555
 Ion Ratio Lower Upper
 173 100
 175 48.9 25.1 75.3
 254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

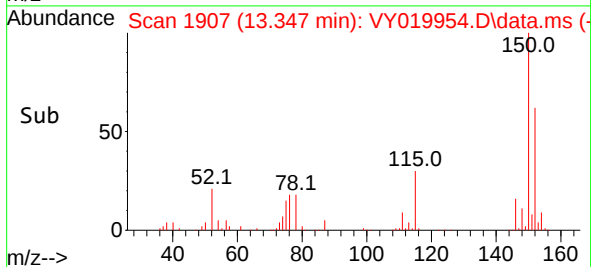
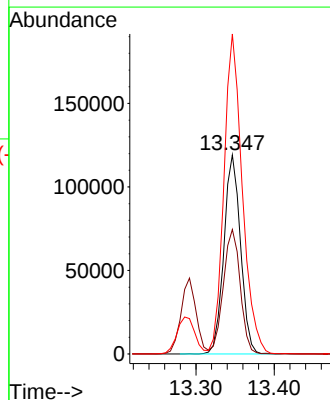
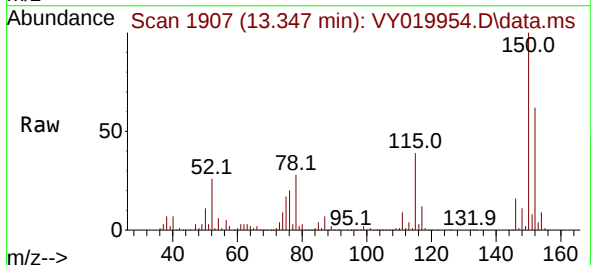
RT: 13.347 min Scan# 1907

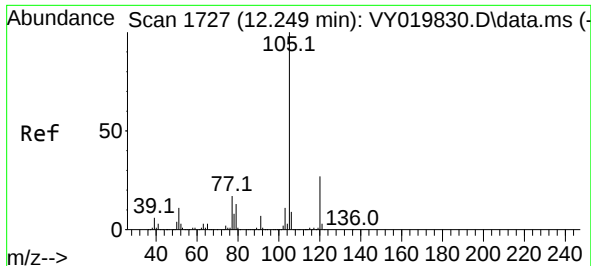
Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Tgt Ion:152 Resp: 175946
 Ion Ratio Lower Upper
 152 100
 115 63.3 28.2 84.7
 150 177.4 0.0 345.6

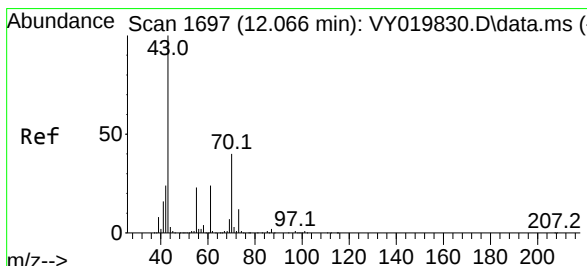
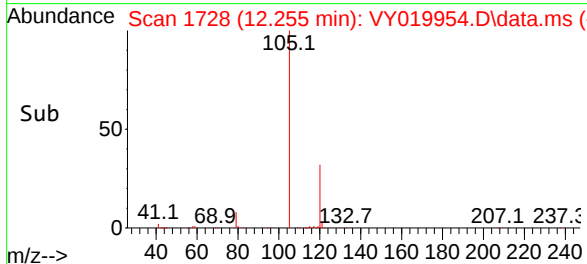
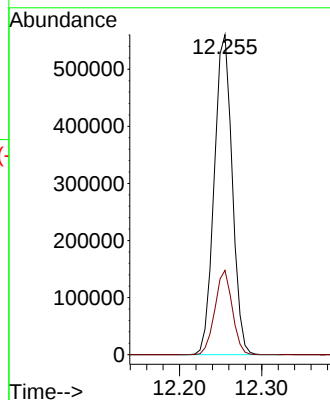
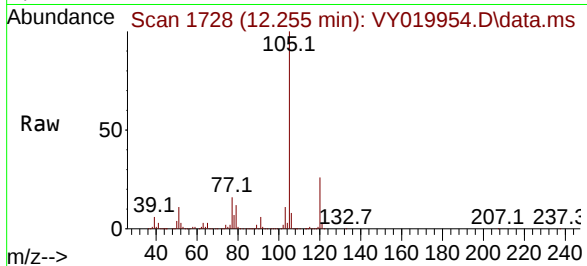




#73
Isopropylbenzene
Concen: 57.463 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

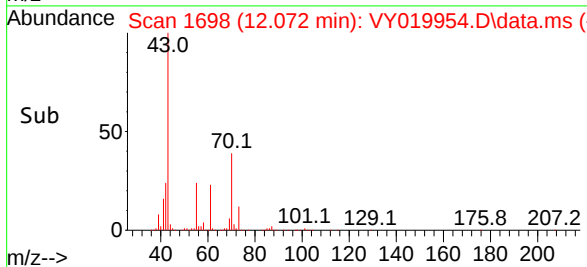
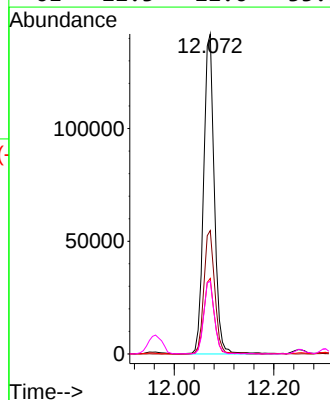
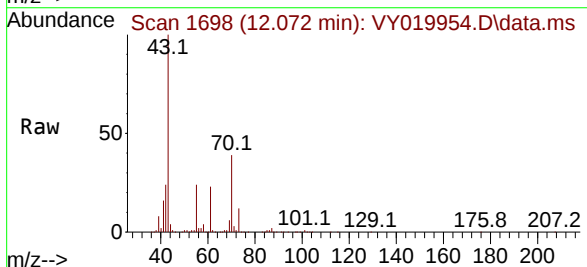
Instrument :
MSVOA_Y
ClientSampleId :

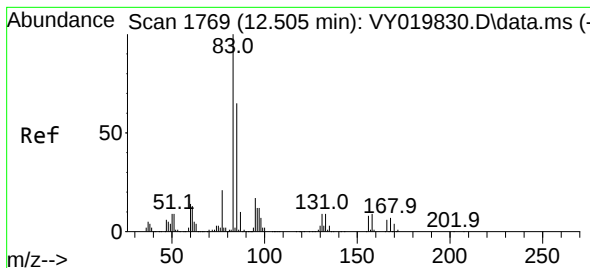
Tgt Ion:105 Resp: 850419
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 53.894 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 43 Resp: 211248
Ion Ratio Lower Upper
43 100
70 39.2 41.4 62.2#
55 23.2 23.3 34.9#
61 22.3 22.6 33.8#

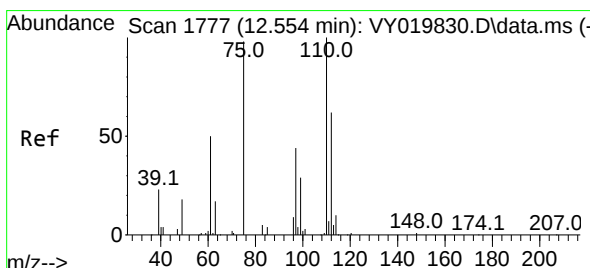
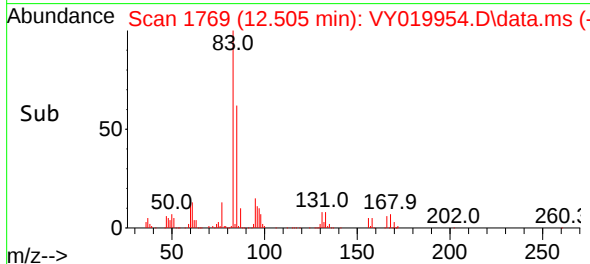
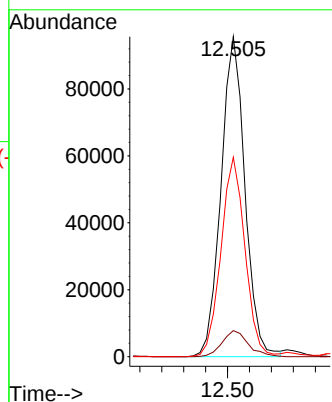
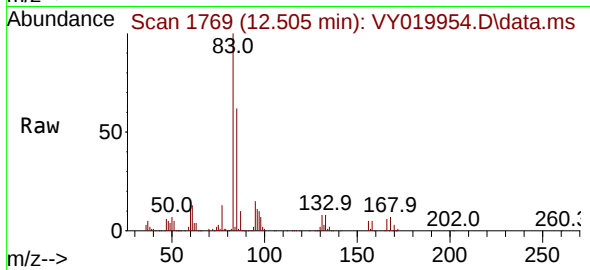




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.173 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY019954.D
 Acq: 21 Oct 2024 10:38

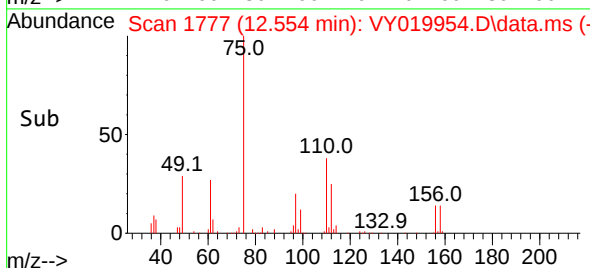
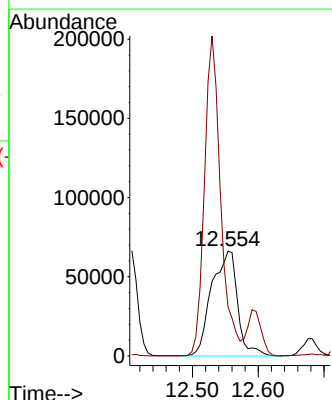
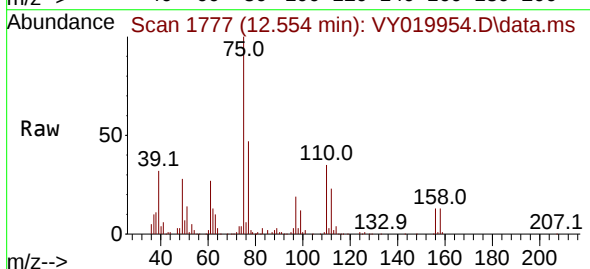
Instrument :
 MSVOA_Y
 ClientSampleId :

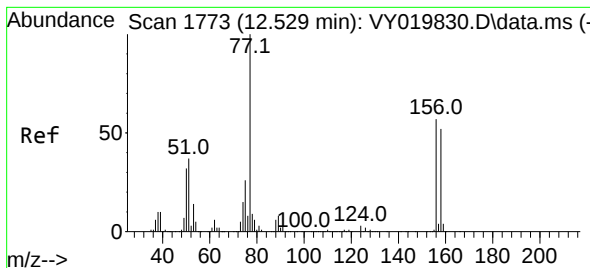
Tgt Ion: 83 Resp: 145086
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.0 14.9
 85 62.2 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 52.664 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY019954.D
 Acq: 21 Oct 2024 10:38

Tgt Ion: 75 Resp: 181521
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.390 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

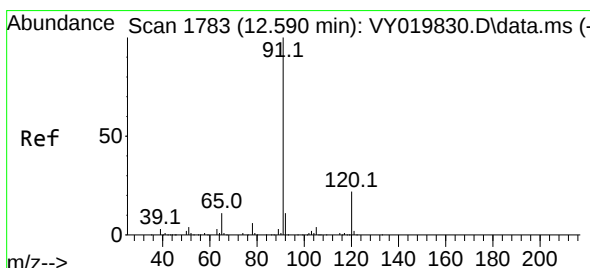
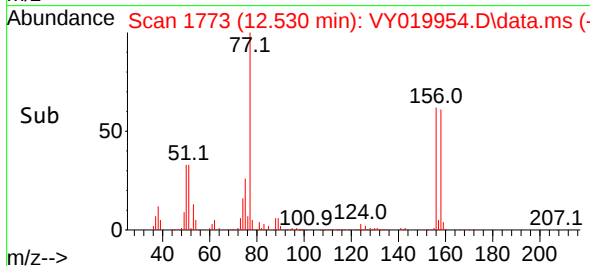
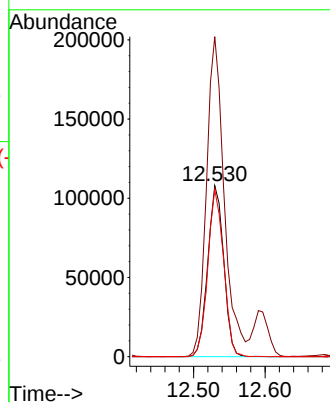
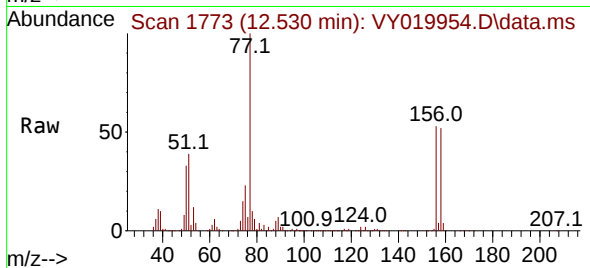
Tgt Ion:156 Resp: 167671

Ion Ratio Lower Upper

156 100

77 207.2 87.1 261.3

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 58.658 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019954.D

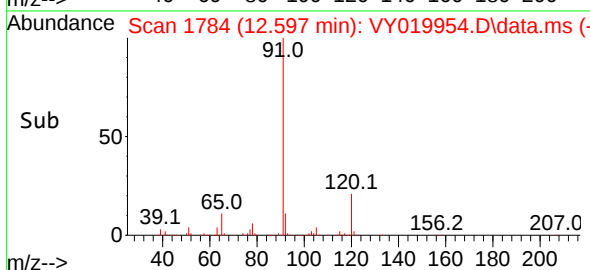
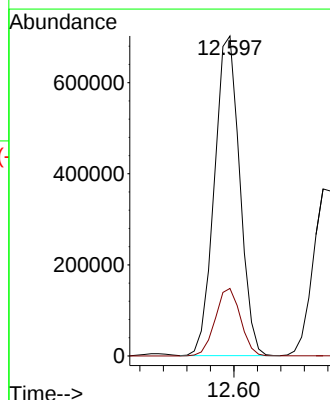
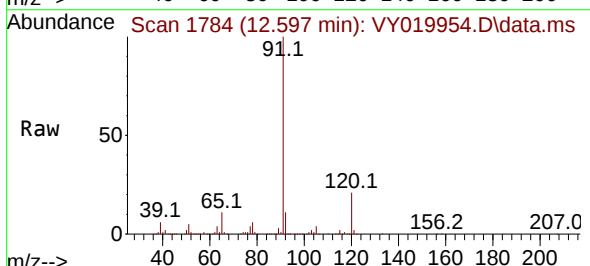
Acq: 21 Oct 2024 10:38

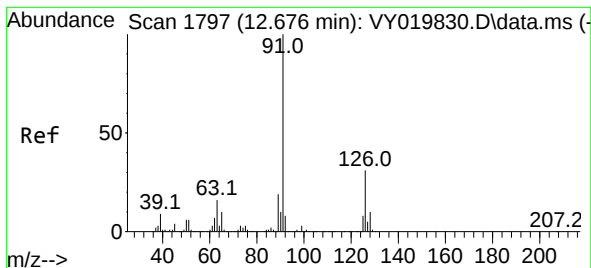
Tgt Ion: 91 Resp: 1048954

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 56.245 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

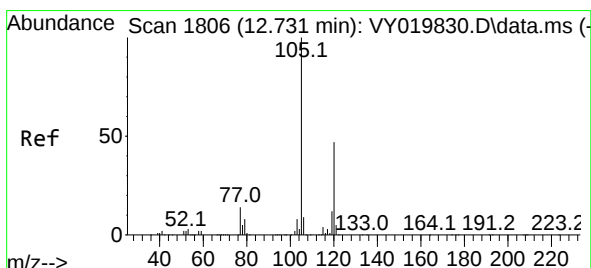
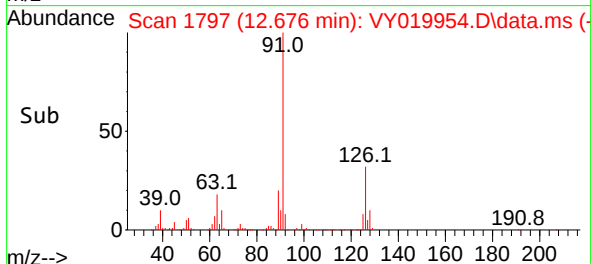
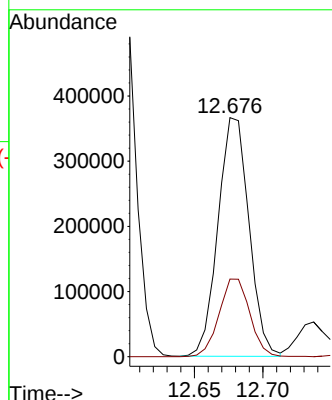
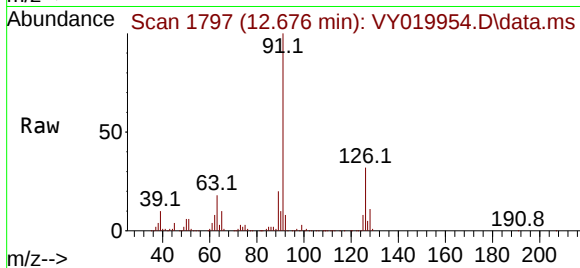
ClientSampleId :

Tgt Ion: 91 Resp: 576621

Ion Ratio Lower Upper

91 100

126 32.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 56.654 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019954.D

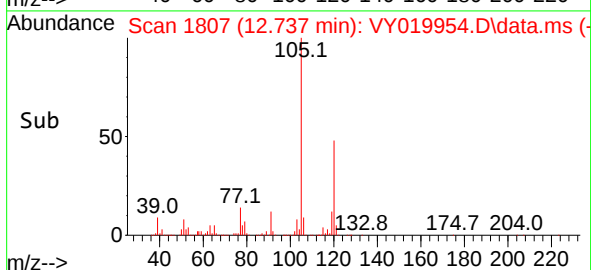
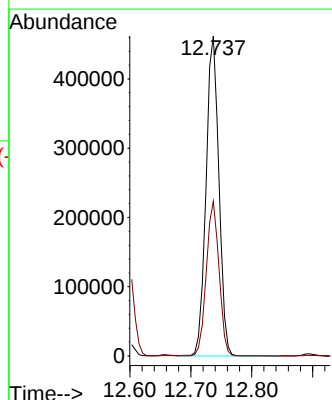
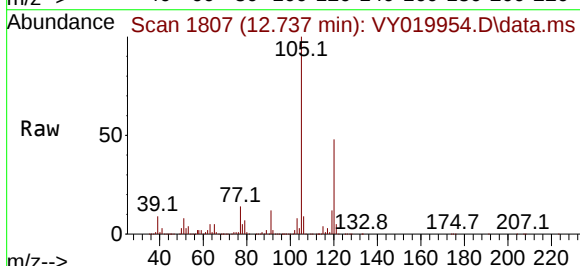
Acq: 21 Oct 2024 10:38

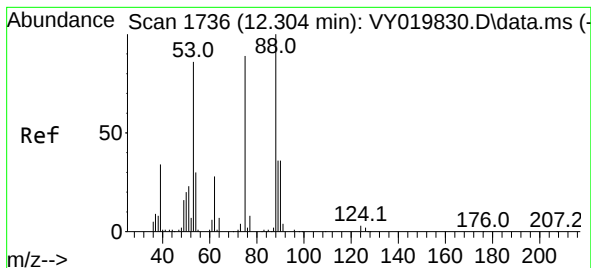
Tgt Ion:105 Resp: 677117

Ion Ratio Lower Upper

105 100

120 47.9 25.1 75.2

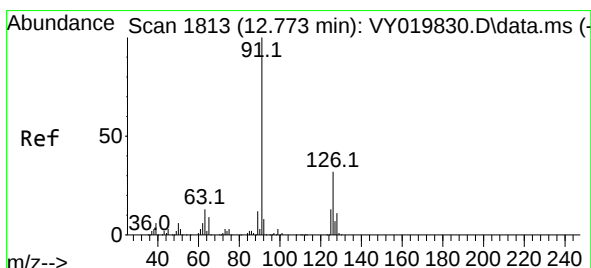
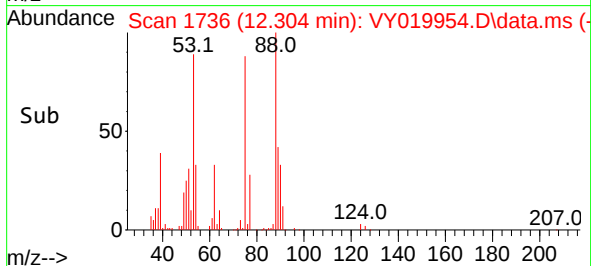
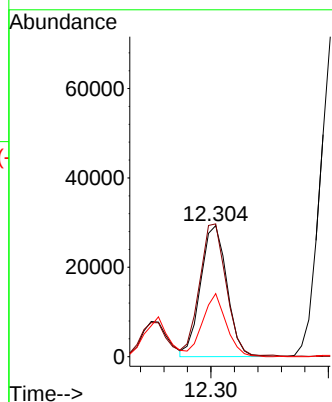
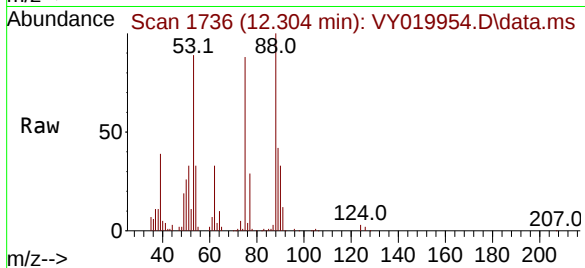




#81
trans-1,4-Dichloro-2-butene
Concen: 53.386 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

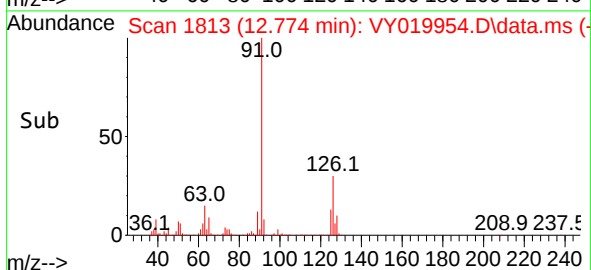
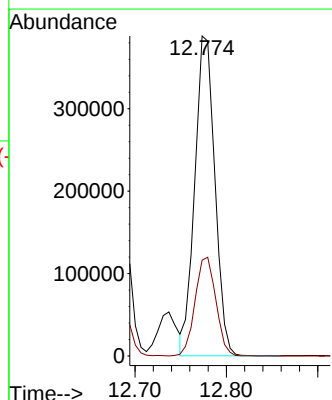
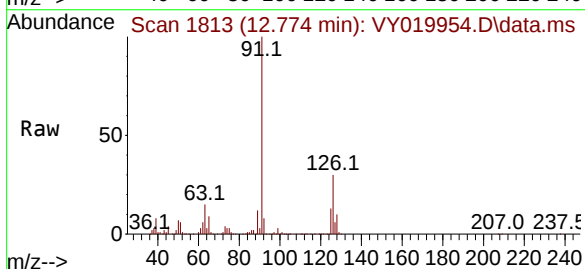
Instrument :
MSVOA_Y
ClientSampleId :

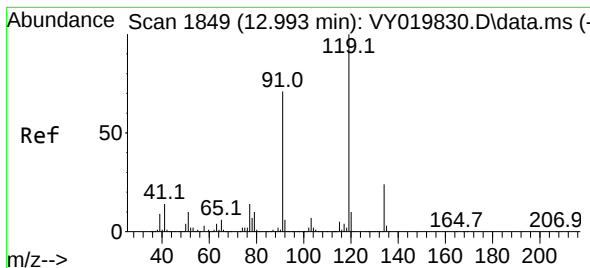
Tgt Ion: 75 Resp: 45588
Ion Ratio Lower Upper
75 100
53 102.9 66.8 100.2#
89 43.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 56.632 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019954.D
Acq: 21 Oct 2024 10:38

Tgt Ion: 91 Resp: 593649
Ion Ratio Lower Upper
91 100
126 32.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 58.763 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

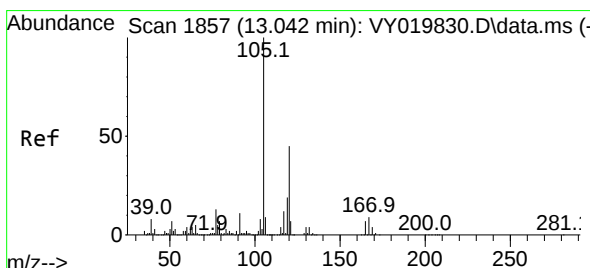
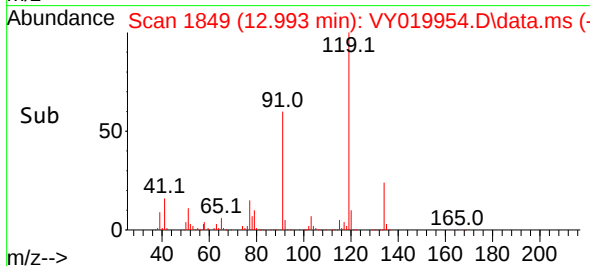
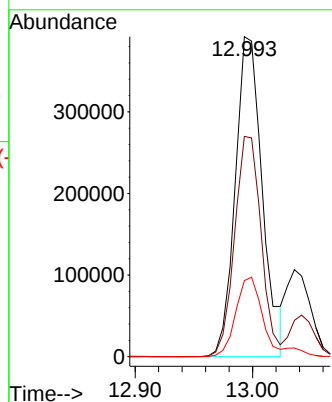
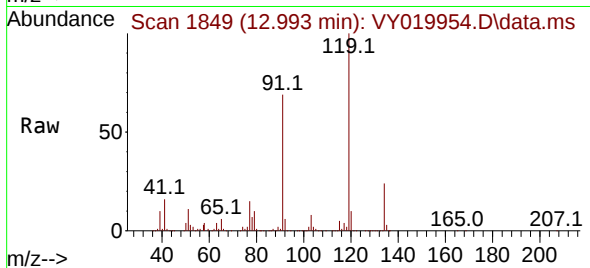
Tgt Ion:119 Resp: 629174

Ion Ratio Lower Upper

119 100

91 67.3 31.3 93.8

134 25.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.018 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019954.D

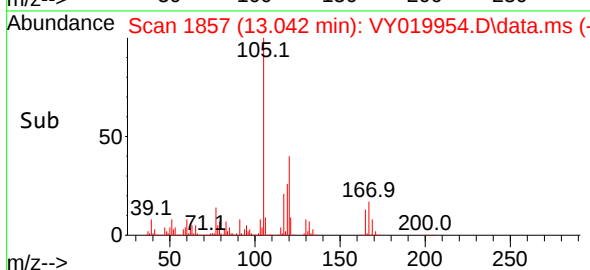
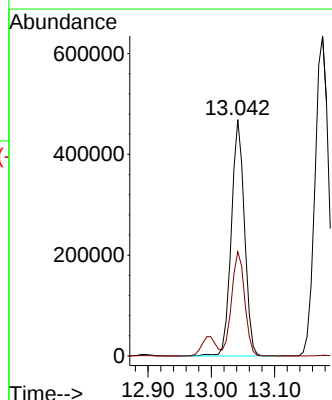
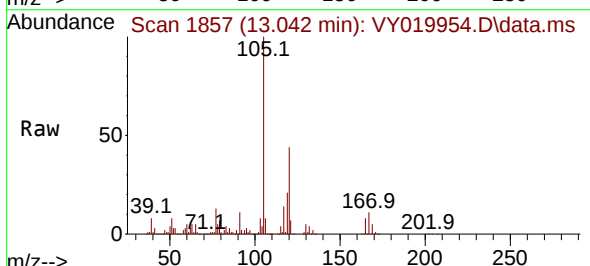
Acq: 21 Oct 2024 10:38

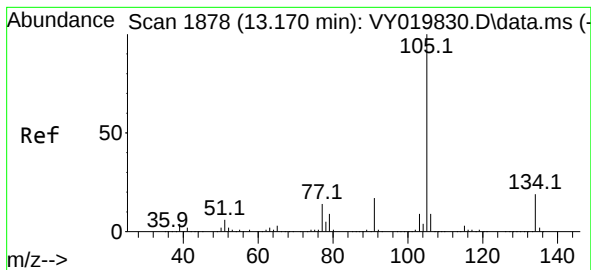
Tgt Ion:105 Resp: 675641

Ion Ratio Lower Upper

105 100

120 43.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 59.700 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

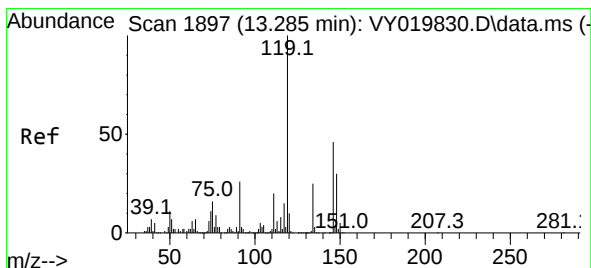
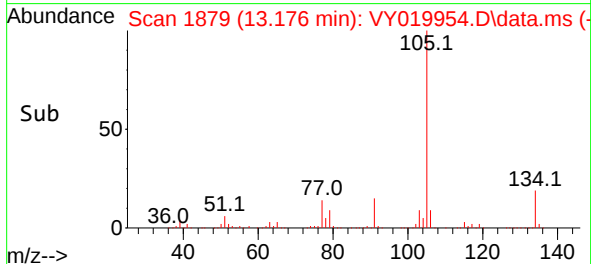
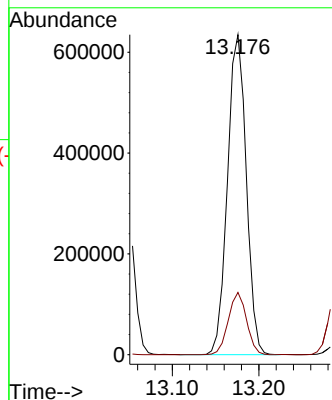
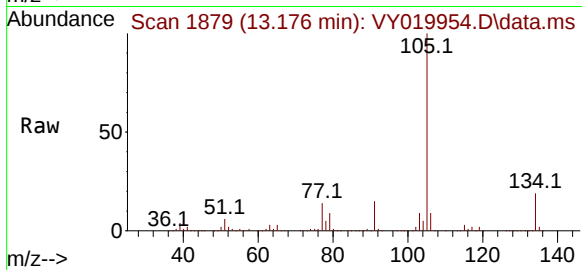
ClientSampleId :

Tgt Ion:105 Resp: 955030

Ion Ratio Lower Upper

105 100

134 18.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 58.249 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

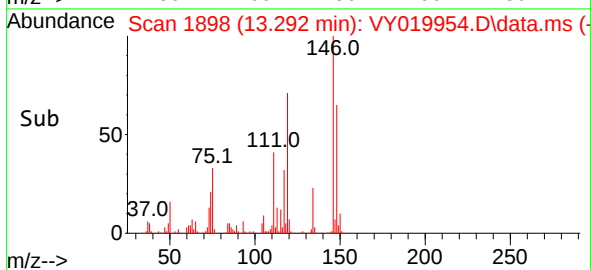
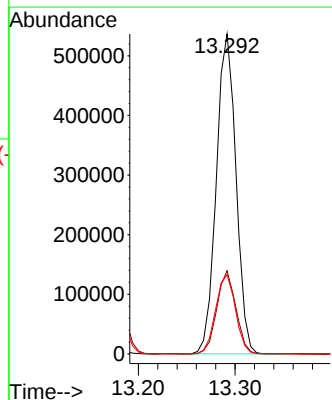
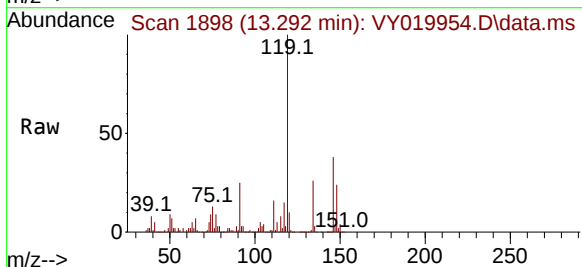
Tgt Ion:119 Resp: 756657

Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.3

91 24.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 54.259 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

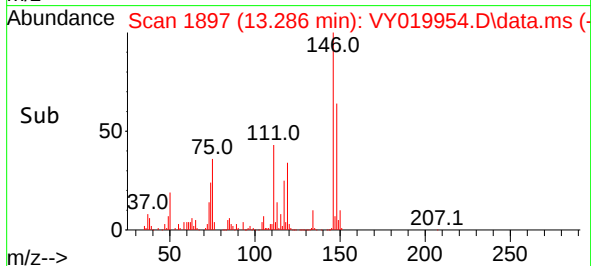
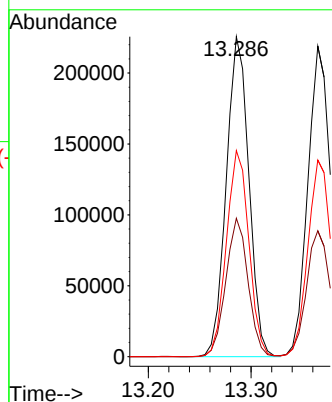
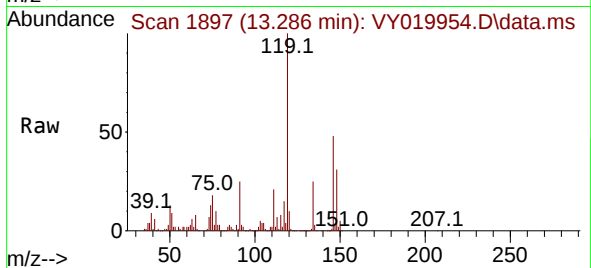
Tgt Ion:146 Resp: 344116

Ion Ratio Lower Upper

146 100

111 42.6 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.903 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

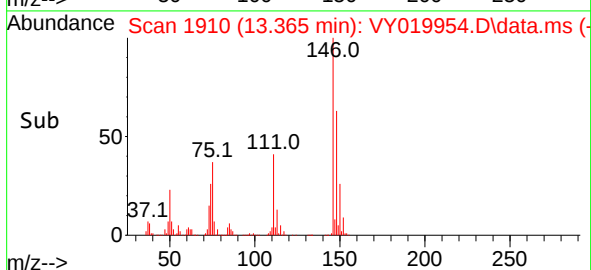
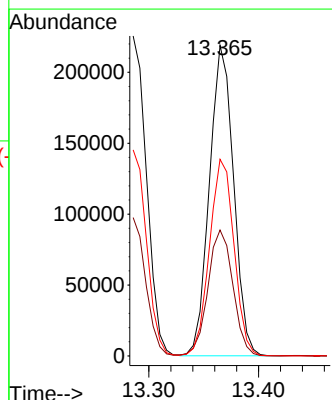
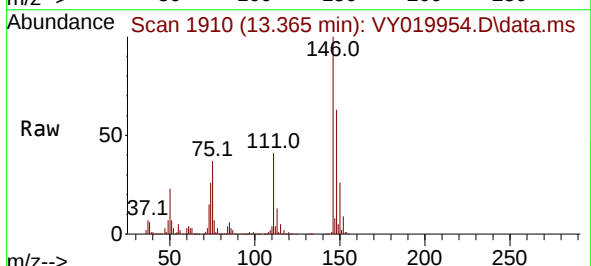
Tgt Ion:146 Resp: 335842

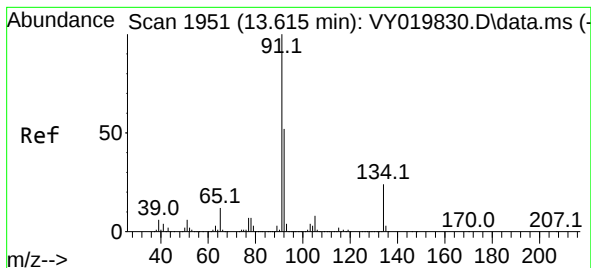
Ion Ratio Lower Upper

146 100

111 41.9 18.4 55.4

148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 60.170 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

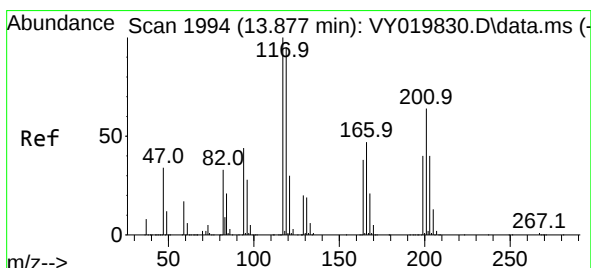
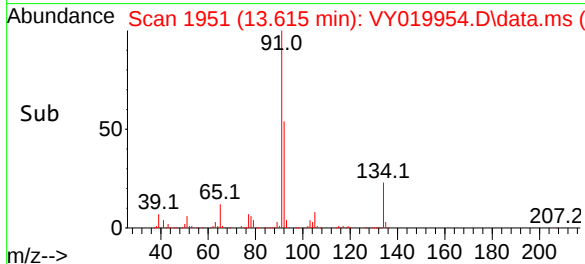
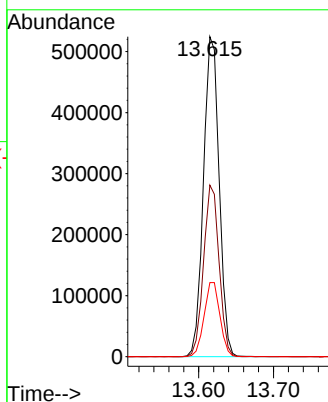
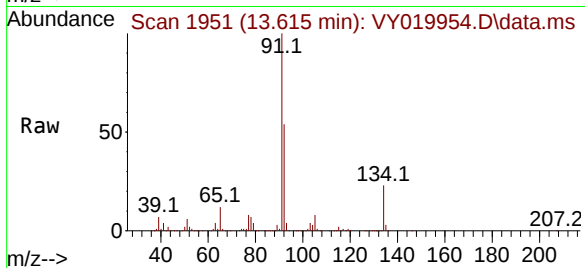
Tgt Ion: 91 Resp: 763206

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 23.5 12.9 38.7



#90

Hexachloroethane

Concen: 59.880 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019954.D

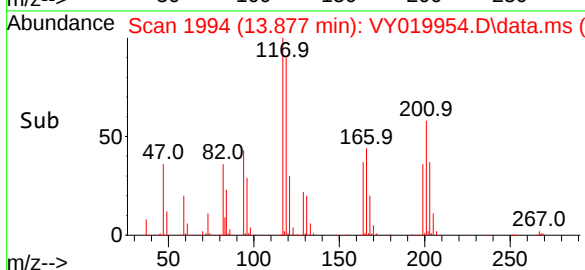
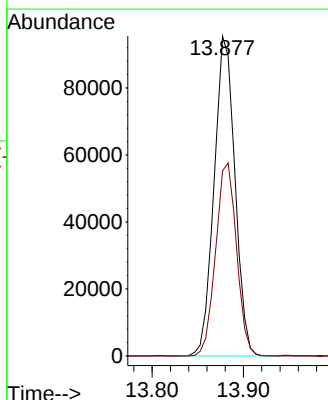
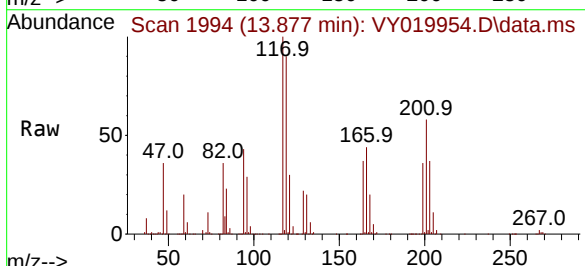
Acq: 21 Oct 2024 10:38

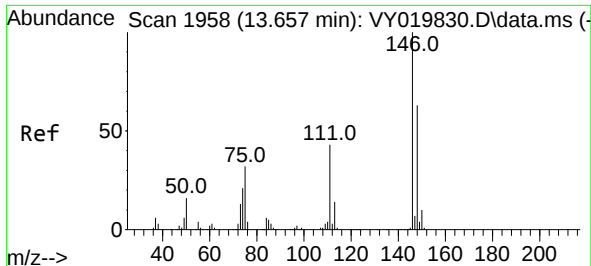
Tgt Ion: 117 Resp: 151462

Ion Ratio Lower Upper

117 100

201 60.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 54.231 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

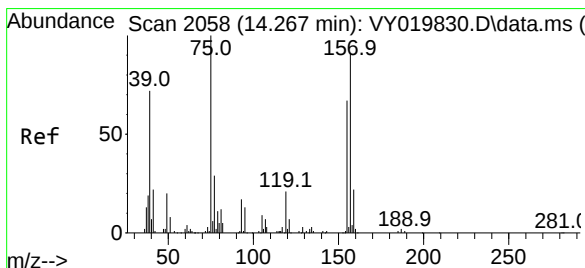
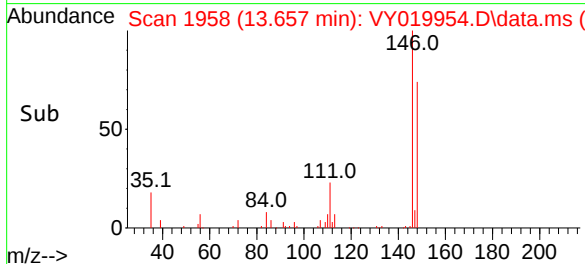
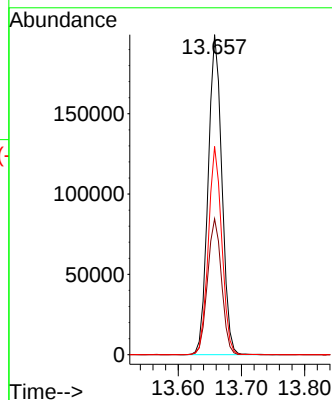
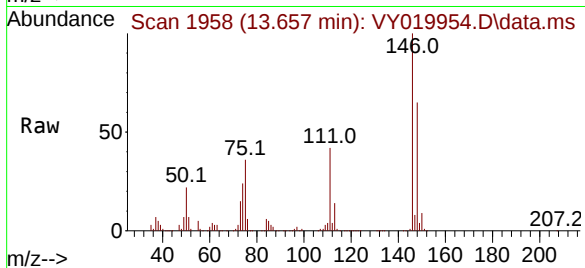
Tgt Ion:146 Resp: 302208

Ion Ratio Lower Upper

146 100

111 43.1 19.9 59.7

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.360 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

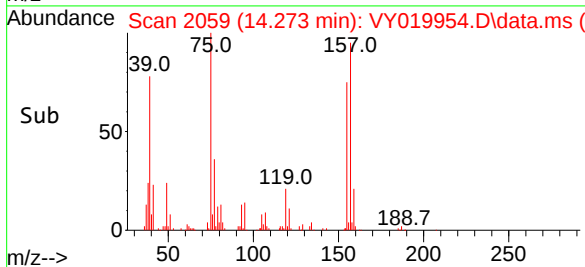
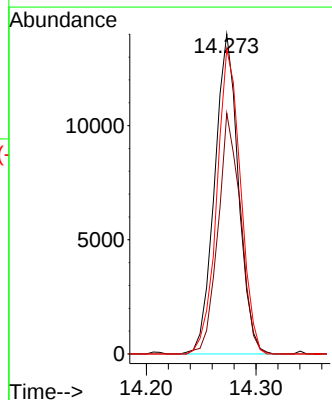
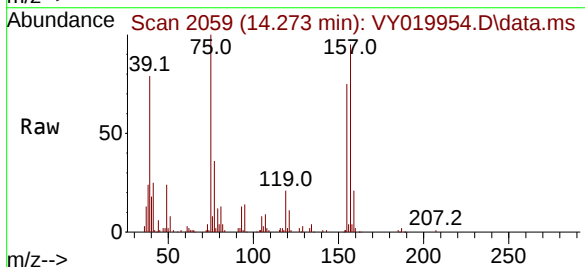
Tgt Ion: 75 Resp: 21135

Ion Ratio Lower Upper

75 100

155 71.4 48.6 145.8

157 94.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.315 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

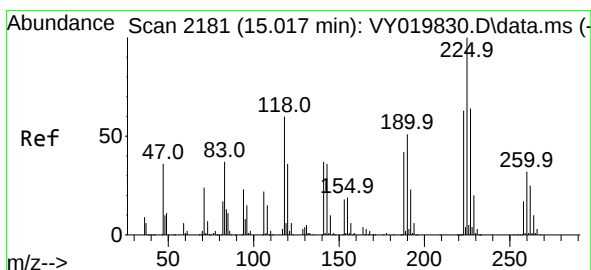
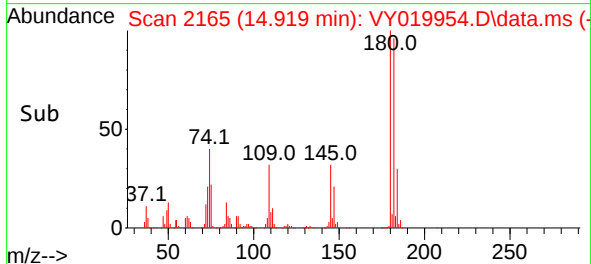
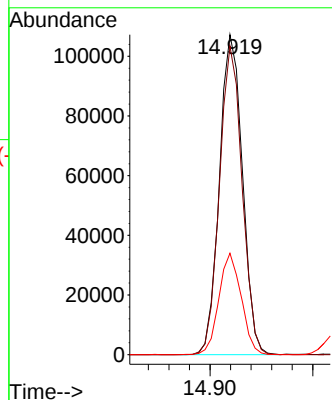
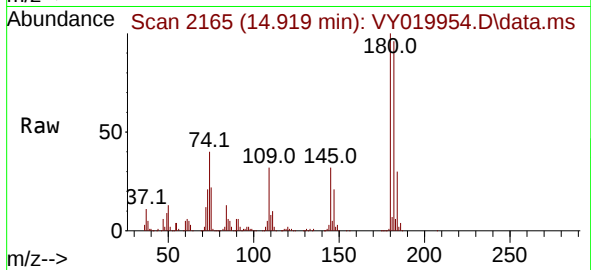
Tgt Ion:180 Resp: 166595

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.870 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

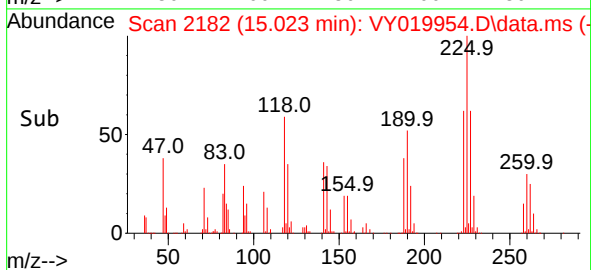
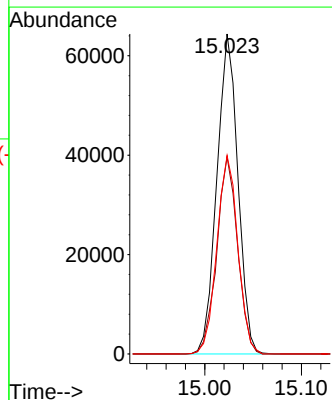
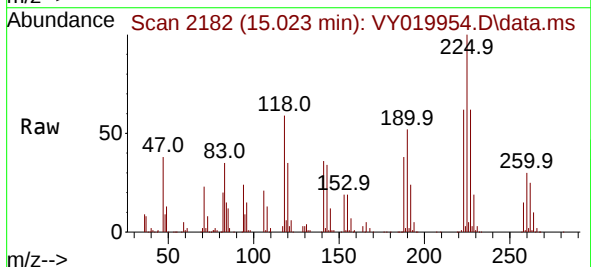
Tgt Ion:225 Resp: 97059

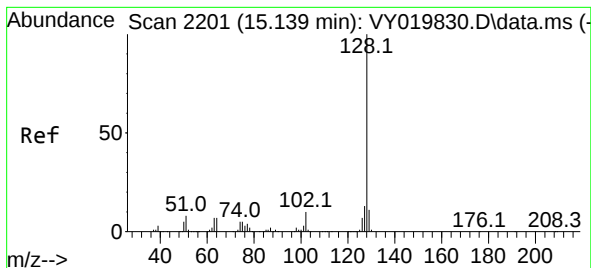
Ion Ratio Lower Upper

225 100

223 60.9 30.4 91.2

227 62.0 31.9 95.9





#95

Naphthalene

Concen: 51.342 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Instrument :

MSVOA_Y

ClientSampleId :

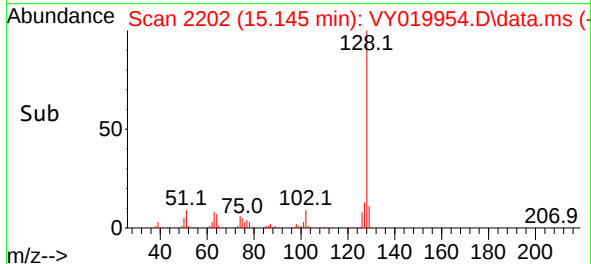
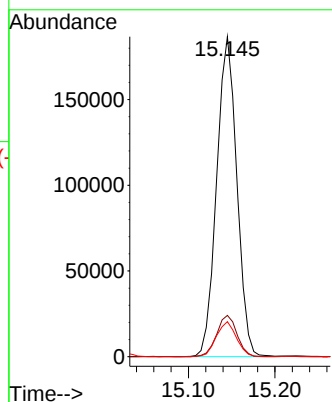
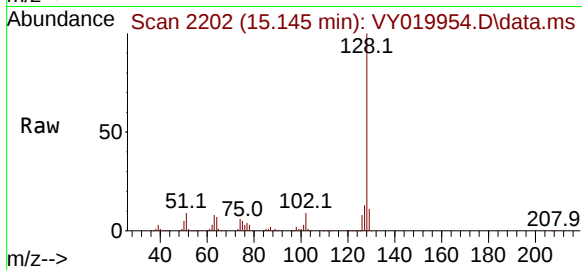
Tgt Ion:128 Resp: 302580

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.428 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019954.D

Acq: 21 Oct 2024 10:38

Tgt Ion:180 Resp: 138484

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 33.5 15.4 46.1

