

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020543.D
 Acq On : 06 Dec 2024 17:50
 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: Dec 07 03:28:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	180814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	289078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	245670	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	123034	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	89102	48.454	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.634	113	90129	49.525	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.040%
50) Toluene-d8	10.109	98	326833	47.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.408	95	119597	49.345	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	92312	52.339	ug/l	97
3) Chloromethane	2.068	50	95163	53.289	ug/l	99
4) Vinyl Chloride	2.202	62	99525	54.661	ug/l	98
5) Bromomethane	2.598	94	60736	56.853	ug/l	98
6) Chloroethane	2.739	64	62549	56.050	ug/l	96
7) Trichlorofluoromethane	3.062	101	179509	52.640	ug/l	98
8) Diethyl Ether	3.458	74	57466	59.476	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.818	101	105648	53.171	ug/l	97
10) Methyl Iodide	4.007	142	129270	57.954	ug/l	97
11) Tert butyl alcohol	4.866	59	38816	325.396	ug/l	98
12) 1,1-Dichloroethene	3.787	96	102598	54.661	ug/l	90
13) Acrolein	3.653	56	22712	203.356	ug/l	98
14) Allyl chloride	4.391	41	176973	52.865	ug/l	94
15) Acrylonitrile	5.061	53	119880	297.781	ug/l	99
16) Acetone	3.872	43	129087	282.317	ug/l	98
17) Carbon Disulfide	4.110	76	303850	56.561	ug/l	100
18) Methyl Acetate	4.391	43	59227	60.944	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	276490	57.681	ug/l	97
20) Methylene Chloride	4.622	84	112237	57.703	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	115610	55.454	ug/l	96
22) Diisopropyl ether	6.031	45	362978	54.526	ug/l	93
23) Vinyl Acetate	5.964	43	999372	283.828	ug/l	97
24) 1,1-Dichloroethane	5.921	63	216341	53.981	ug/l	99
25) 2-Butanone	6.896	43	166731	288.773	ug/l	95
26) 2,2-Dichloropropane	6.890	77	190349	50.216	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	135987	55.862	ug/l	95
28) Bromochloromethane	7.244	49	64724	43.247	ug/l	87
29) Tetrahydrofuran	7.262	42	97516	296.054	ug/l	95
30) Chloroform	7.421	83	222499	54.094	ug/l	97
31) Cyclohexane	7.701	56	178672	49.314	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	204678	51.679	ug/l	97
36) 1,1-Dichloropropene	7.841	75	155572	50.621	ug/l	98
37) Ethyl Acetate	6.988	43	70670	58.043	ug/l	98
38) Carbon Tetrachloride	7.823	117	186377	50.812	ug/l	98
39) Methylcyclohexane	9.109	83	196327	51.481	ug/l	98
40) Benzene	8.079	78	482270	53.224	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	39683	57.333	ug/l	96
42) 1,2-Dichloroethane	8.158	62	126564	53.158	ug/l	99
43) Isopropyl Acetate	8.201	43	137944	56.107	ug/l	95
44) Trichloroethene	8.865	130	119608	53.545	ug/l	100
45) 1,2-Dichloropropane	9.140	63	112223	52.926	ug/l	100
46) Dibromomethane	9.231	93	59585	56.756	ug/l	95
47) Bromodichloromethane	9.426	83	166114	53.704	ug/l	100
48) Methyl methacrylate	9.219	41	66379	57.899	ug/l	94
49) 1,4-Dioxane	9.231	88	13354	1330.733	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	356566	293.671	ug/l	96
52) Toluene	10.170	92	303302	53.649	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	153974	55.447	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	180977	55.145	ug/l	93
55) 1,1,2-Trichloroethane	10.573	97	79957	57.093	ug/l	98
56) Ethyl methacrylate	10.438	69	118119	59.609	ug/l	91
57) 1,3-Dichloropropane	10.719	76	139948	55.805	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	268385	289.275	ug/l	95
59) 2-Hexanone	10.761	43	249996	285.412	ug/l	94
60) Dibromochloromethane	10.908	129	109841	56.335	ug/l	99
61) 1,2-Dibromoethane	11.011	107	73317	57.248	ug/l	99
64) Tetrachloroethene	10.646	164	107173	51.629	ug/l	96
65) Chlorobenzene	11.438	112	322680	52.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	113876	52.145	ug/l	99
67) Ethyl Benzene	11.517	91	588460	50.983	ug/l	100
68) m/p-Xylenes	11.627	106	439375	103.957	ug/l	100
69) o-Xylene	11.956	106	208258	52.596	ug/l	100
70) Styrene	11.969	104	352021	53.288	ug/l	100
71) Bromoform	12.133	173	62865	56.619	ug/l #	100
73) Isopropylbenzene	12.255	105	560657	47.097	ug/l	99
74) N-amyl acetate	12.072	43	122266	52.403	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	88059	51.439	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	116685	93.100	ug/l #	100
77) Bromobenzene	12.529	156	122515	49.697	ug/l	96
78) n-propylbenzene	12.597	91	663818	47.099	ug/l	98
79) 2-Chlorotoluene	12.682	91	377931	47.521	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	457707	47.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31038	50.813	ug/l	93
82) 4-Chlorotoluene	12.779	91	388893	47.917	ug/l	99
83) tert-Butylbenzene	12.999	119	414718	48.084	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	452161	48.765	ug/l	99
85) sec-Butylbenzene	13.176	105	584671	47.302	ug/l	99
86) p-Isopropyltoluene	13.292	119	492697	48.236	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	237854	50.029	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	232056	49.858	ug/l	100
89) n-Butylbenzene	13.621	91	454821	48.010	ug/l	98
90) Hexachloroethane	13.883	117	94876	47.662	ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	207547	51.477	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14128	54.514	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	127844	56.390	ug/l	100
94) Hexachlorobutadiene	15.023	225	81762	51.551	ug/l	99
95) Naphthalene	15.145	128	221227	60.301	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	107580	58.807	ug/l	100

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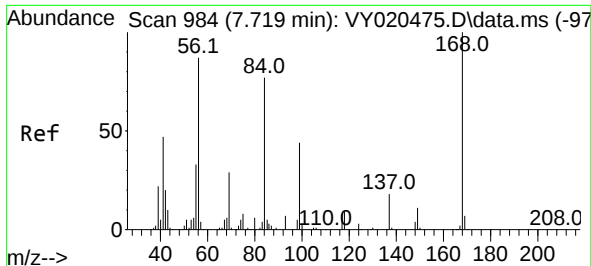
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QLast Update : Tue Dec 03 01:39:23 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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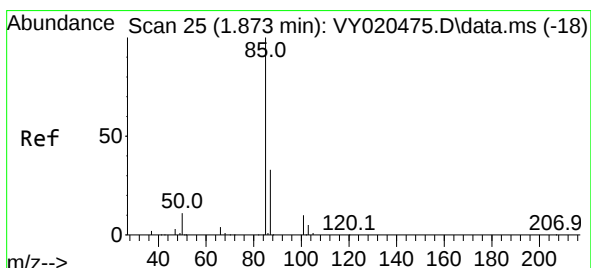
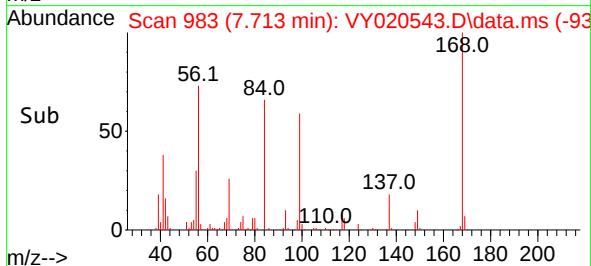
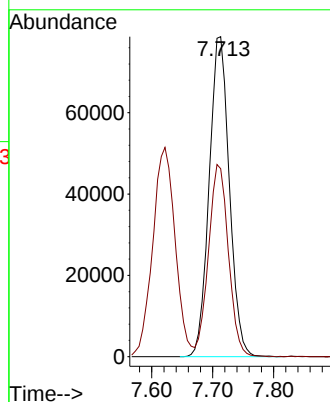
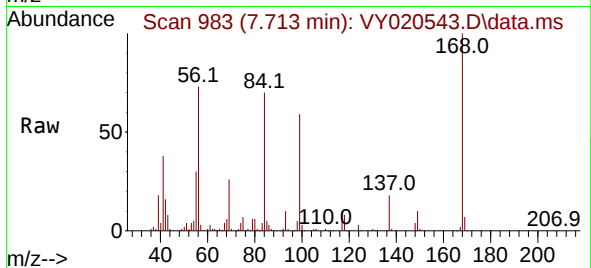




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020543.D
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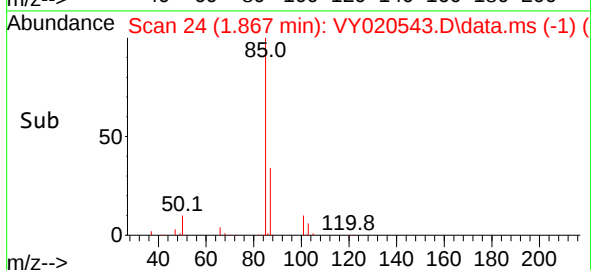
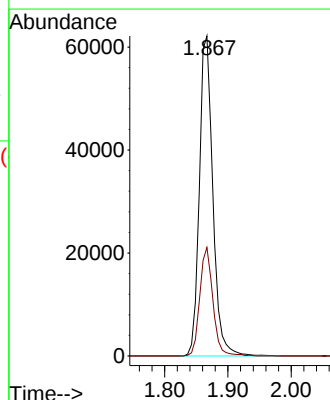
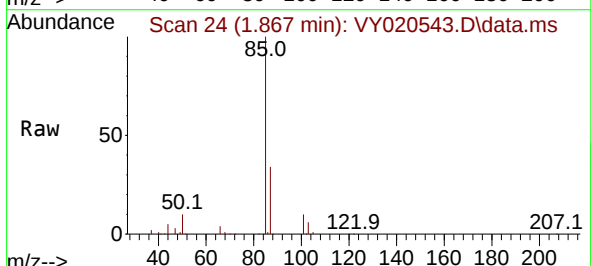
Instrument :
MSVOA_Y
ClientSampleId :

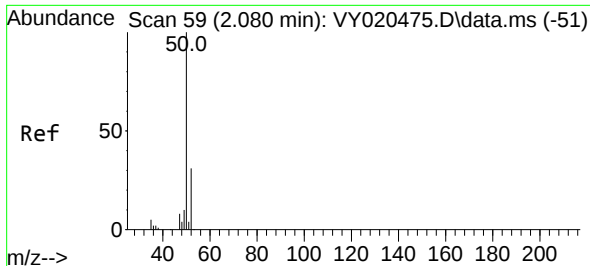
Tgt Ion:168 Resp: 180814
Ion Ratio Lower Upper
168 100
99 58.6 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 52.339 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

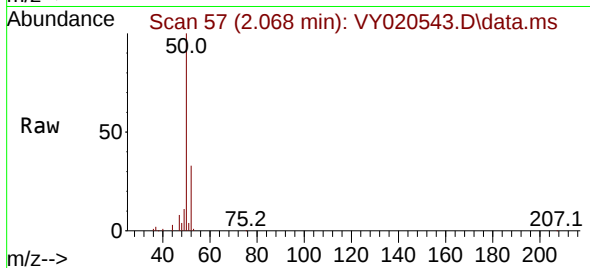
Tgt Ion: 85 Resp: 92312
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2



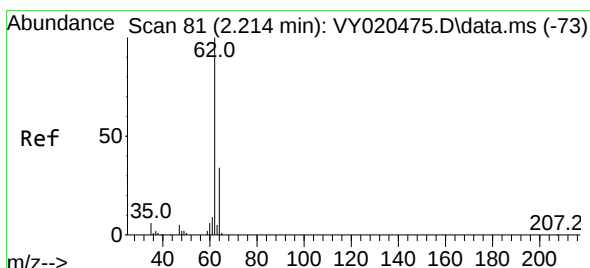
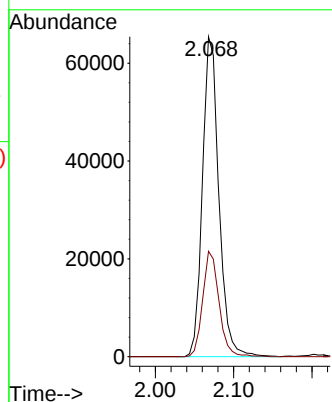
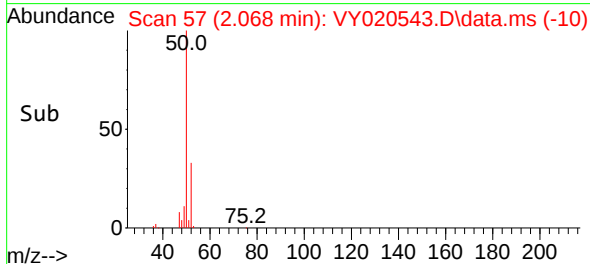


#3
Chloromethane
Concen: 53.289 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Instrument :
MSVOA_Y
ClientSampleId :

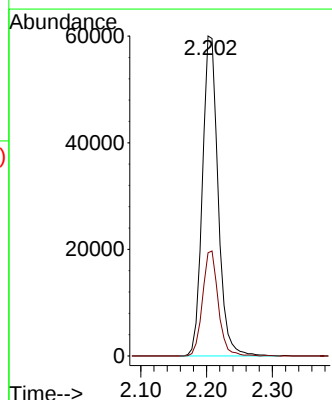
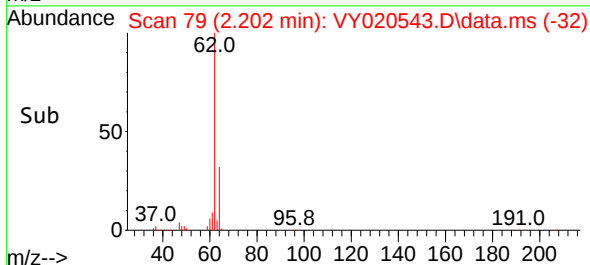
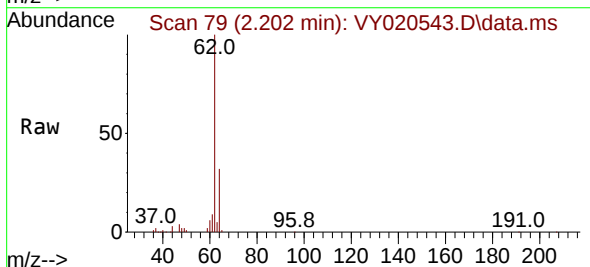


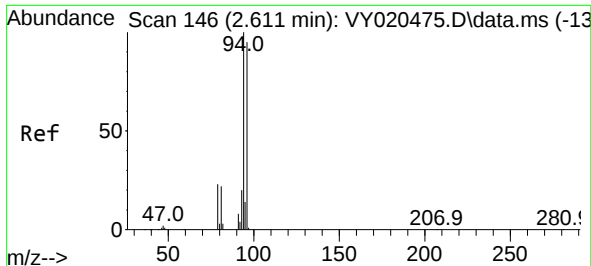
Tgt Ion: 50 Resp: 95163
Ion Ratio Lower Upper
50 100
52 32.9 26.9 40.3



#4
Vinyl Chloride
Concen: 54.661 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 62 Resp: 99525
Ion Ratio Lower Upper
62 100
64 32.3 24.7 37.1

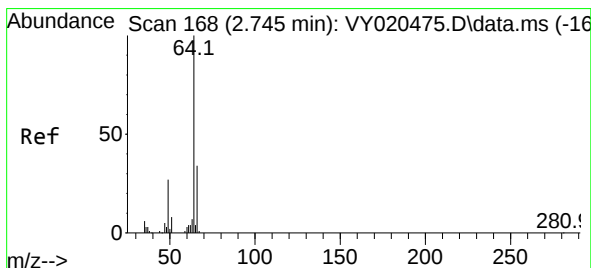
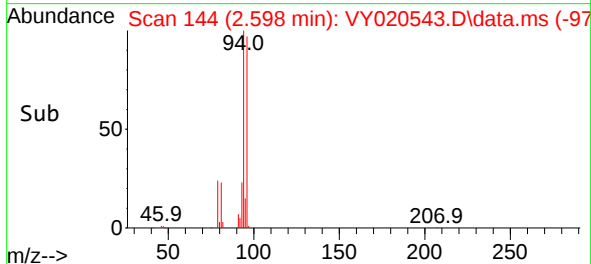
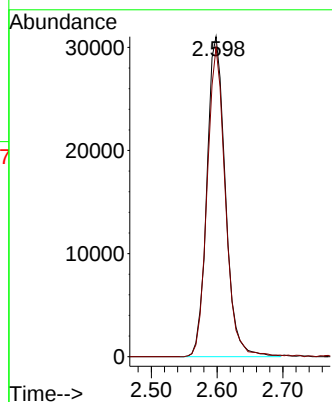
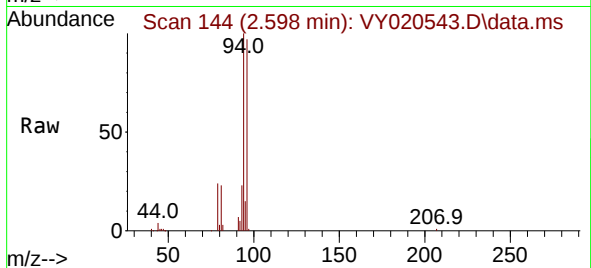




#5
Bromomethane
Concen: 56.853 ug/l
RT: 2.598 min Scan# 146
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

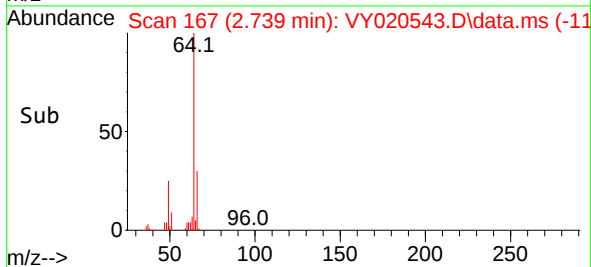
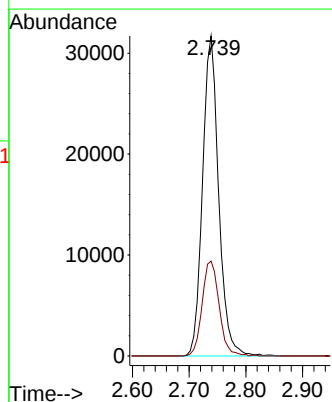
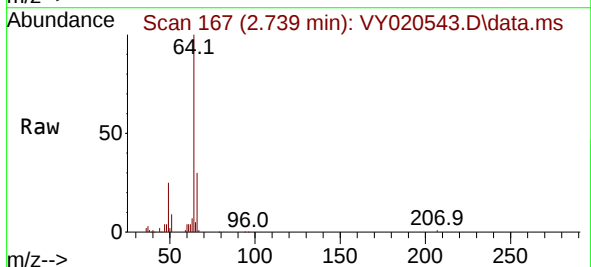
Instrument :
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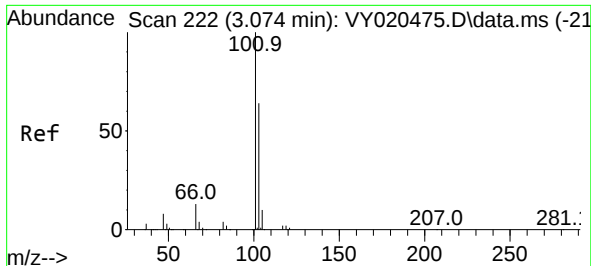
Tgt Ion: 94 Resp: 60736
Ion Ratio Lower Upper
94 100
96 96.6 75.4 113.2



#6
Chloroethane
Concen: 56.050 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 64 Resp: 62549
Ion Ratio Lower Upper
64 100
66 29.7 25.7 38.5

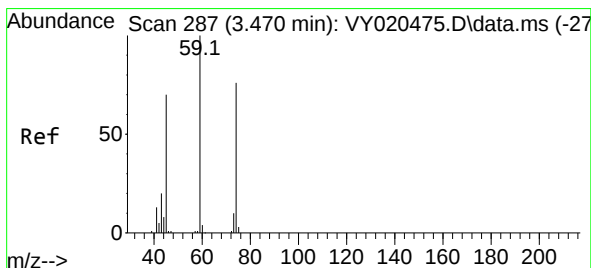
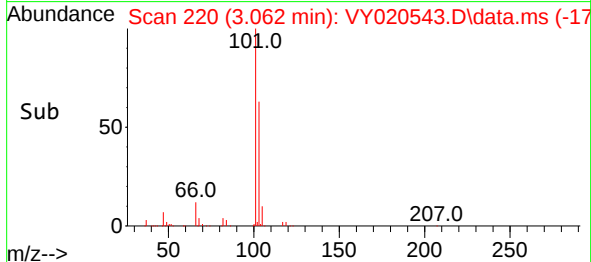
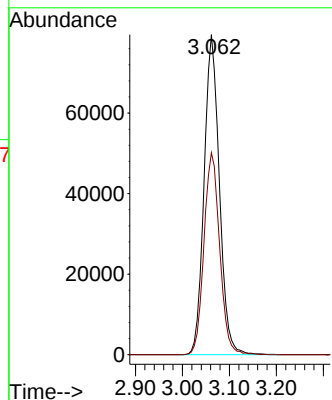
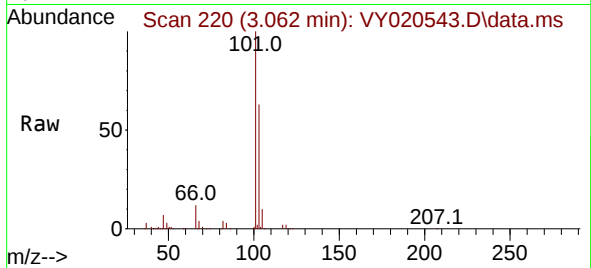




#7
Trichlorofluoromethane
Concen: 52.640 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

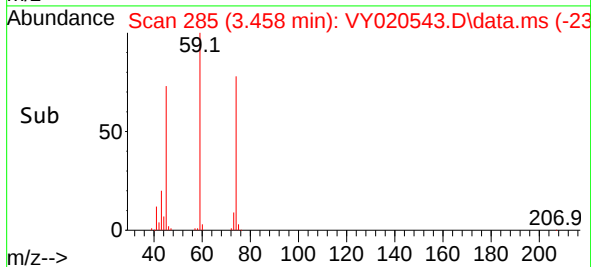
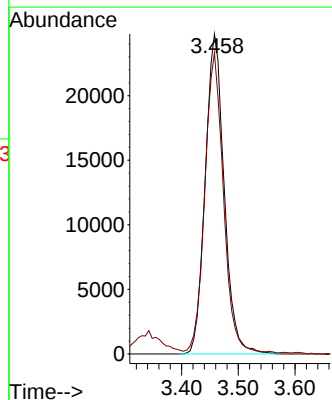
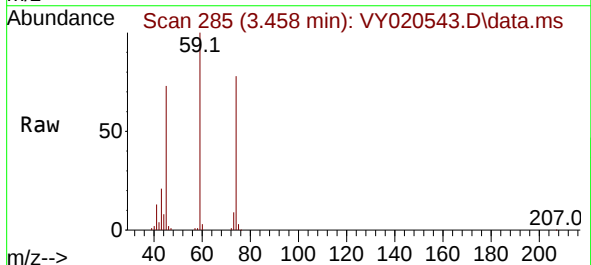
Instrument :
MSVOA_Y
ClientSampleId :

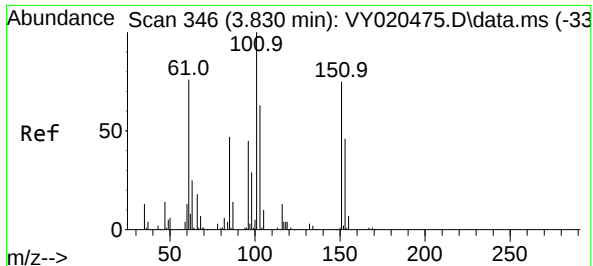
Tgt Ion:101 Resp: 179509
Ion Ratio Lower Upper
101 100
103 63.1 51.5 77.3



#8
Diethyl Ether
Concen: 59.476 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 74 Resp: 57466
Ion Ratio Lower Upper
74 100
45 92.5 53.6 160.8

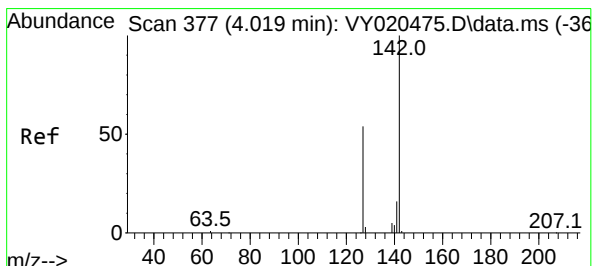
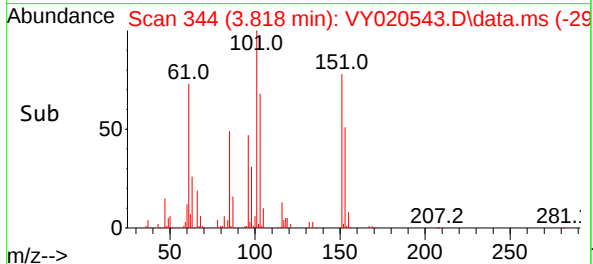
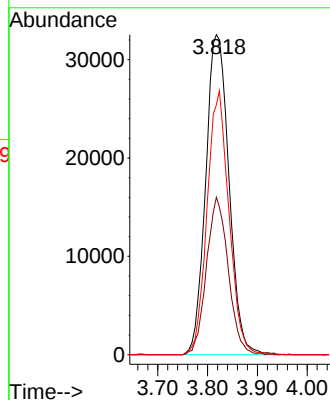
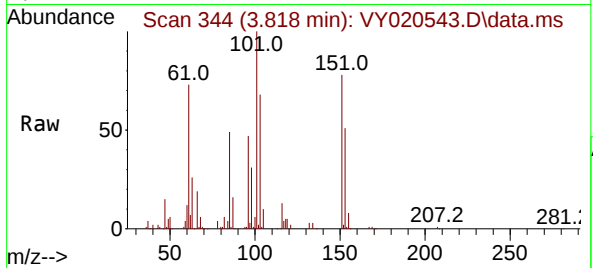




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.171 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

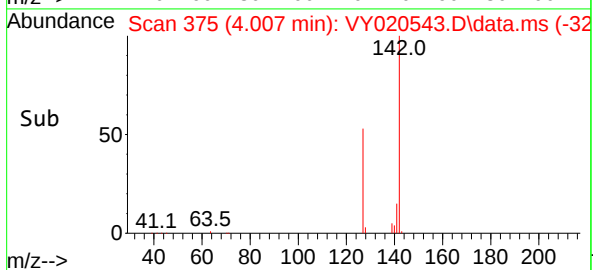
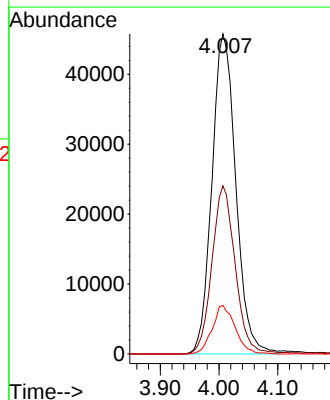
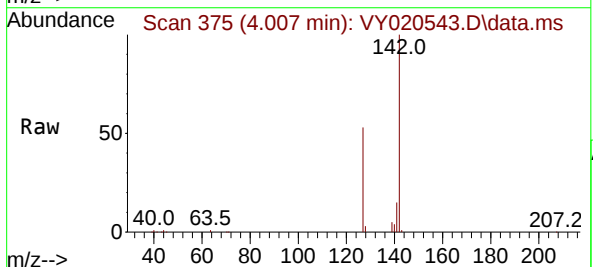
Instrument :
MSVOA_Y
ClientSampleId :

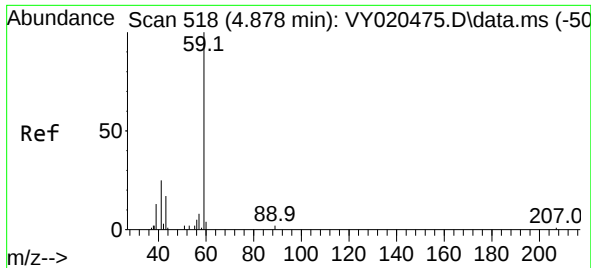
Tgt Ion:101 Resp: 105648
Ion Ratio Lower Upper
101 100
85 46.0 38.0 57.0
151 77.5 59.6 89.4



#10
Methyl Iodide
Concen: 57.954 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion:142 Resp: 129270
Ion Ratio Lower Upper
142 100
127 51.3 38.9 58.3
141 14.6 11.7 17.5

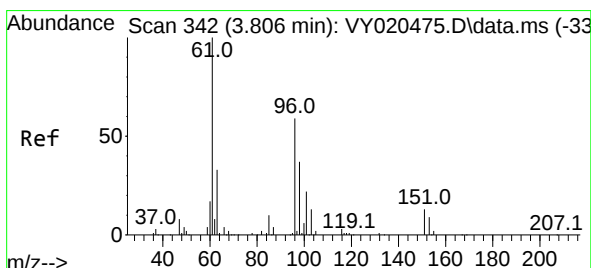
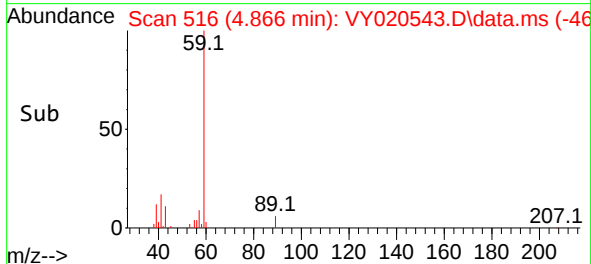
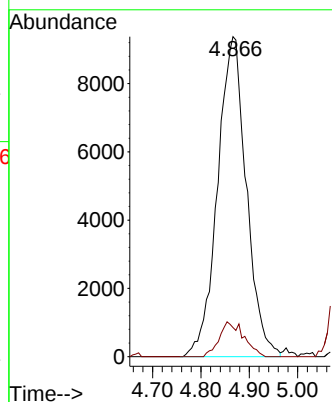
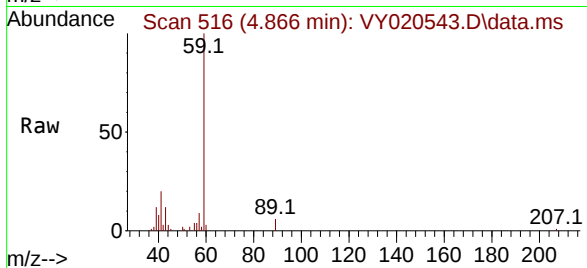




#11
Tert butyl alcohol
Concen: 325.396 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

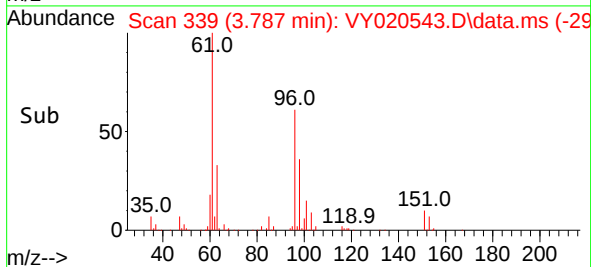
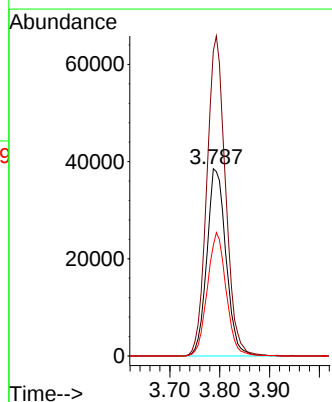
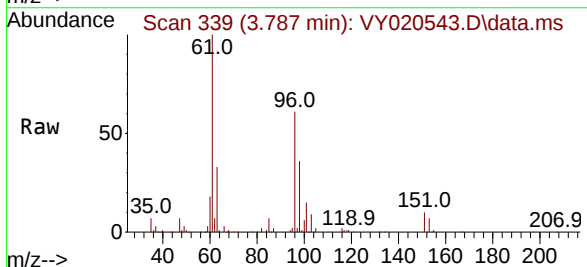
Instrument :
MSVOA_Y
ClientSampleId :

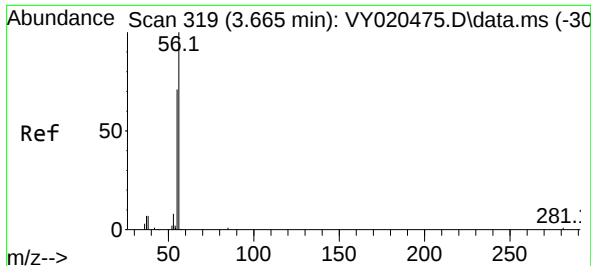
Tgt Ion: 59 Resp: 38816
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 54.661 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.018 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 96 Resp: 102598
Ion Ratio Lower Upper
96 100
61 162.8 143.3 214.9
98 59.1 49.8 74.8

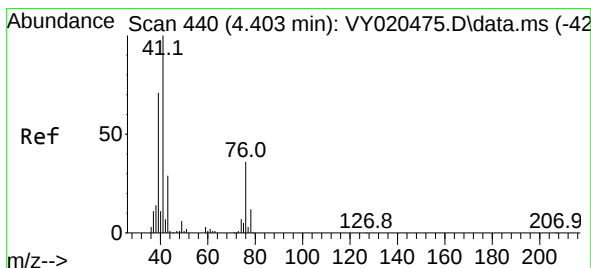
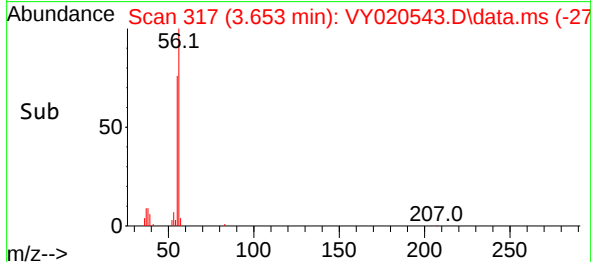
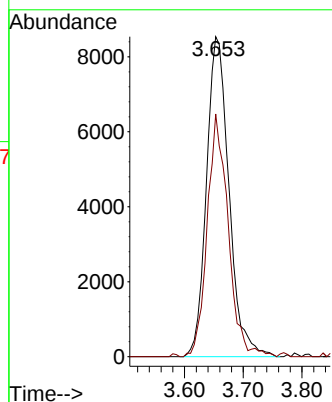
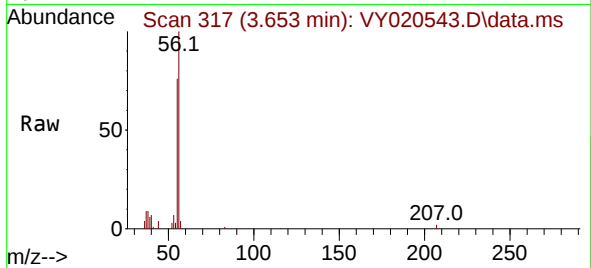




#13
Acrolein
Concen: 203.356 ug/l
RT: 3.653 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

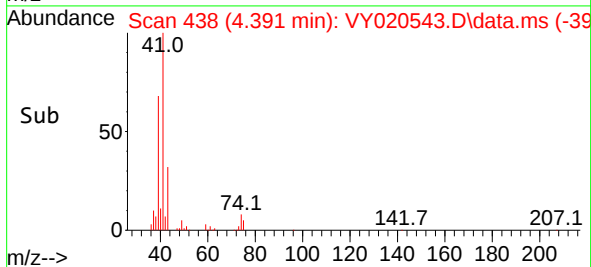
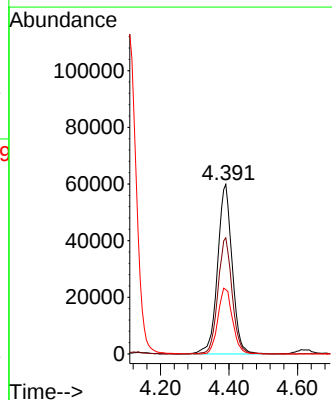
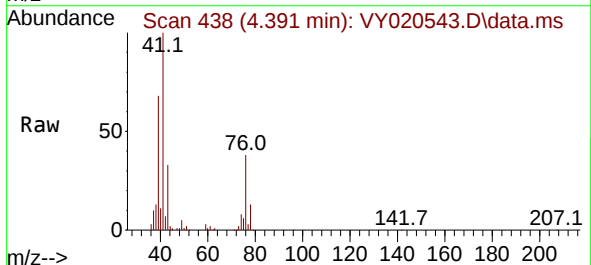
Instrument :
MSVOA_Y
ClientSampleId :

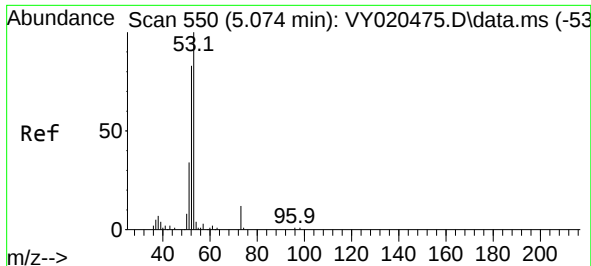
Tgt Ion: 56 Resp: 22712
Ion Ratio Lower Upper
56 100
55 70.6 57.7 86.5



#14
Allyl chloride
Concen: 52.865 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

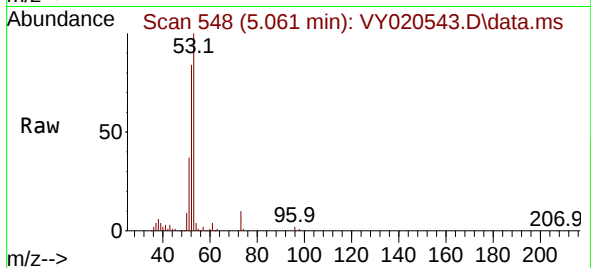
Tgt Ion: 41 Resp: 176973
Ion Ratio Lower Upper
41 100
39 66.7 58.8 88.2
76 38.3 29.7 44.5



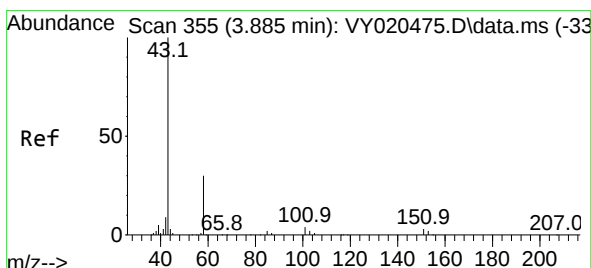
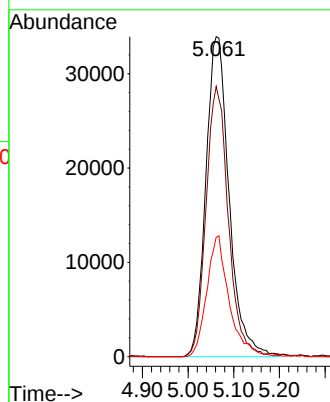
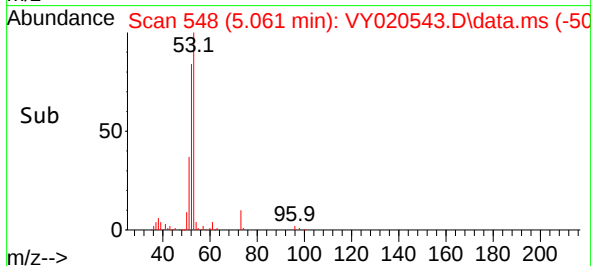


#15
Acrylonitrile
Concen: 297.781 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Instrument :
MSVOA_Y
ClientSampleId :

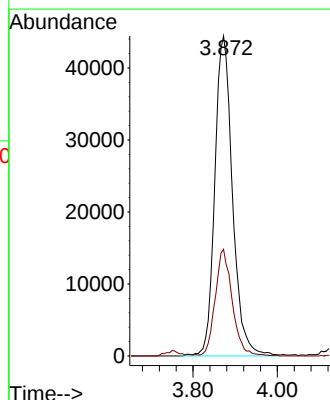
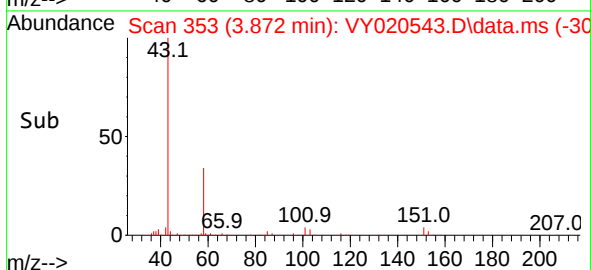
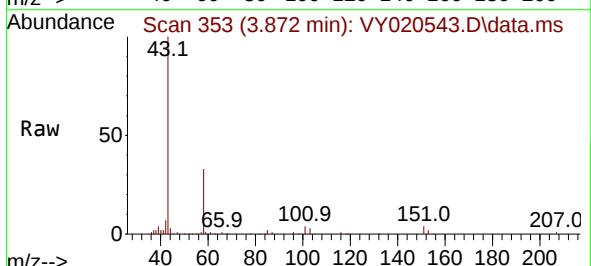


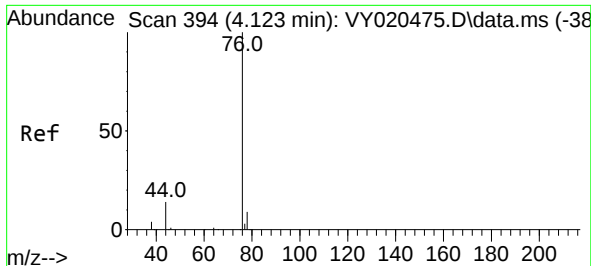
Tgt Ion: 53 Resp: 119880
Ion Ratio Lower Upper
53 100
52 81.0 65.2 97.8
51 36.5 30.2 45.4



#16
Acetone
Concen: 282.317 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 43 Resp: 129087
Ion Ratio Lower Upper
43 100
58 33.4 25.7 38.5





#17

Carbon Disulfide

Concen: 56.561 ug/l

RT: 4.110 min Scan# 394

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

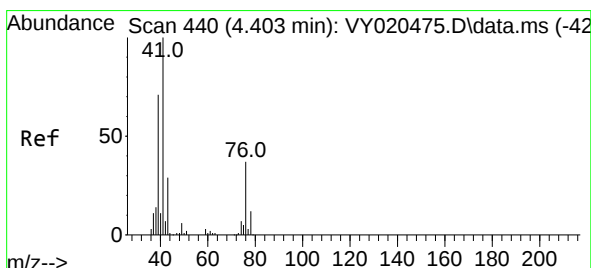
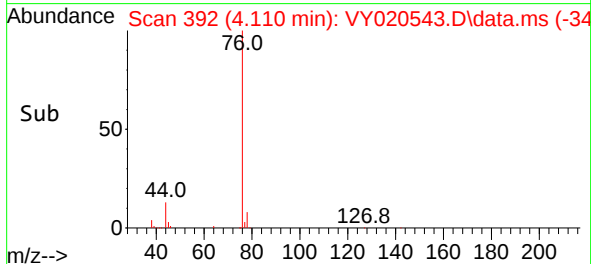
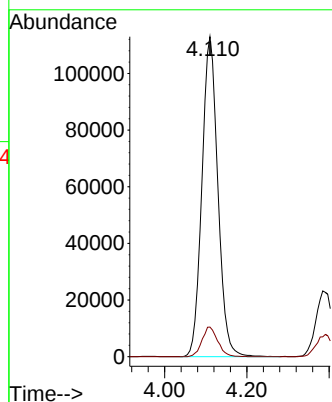
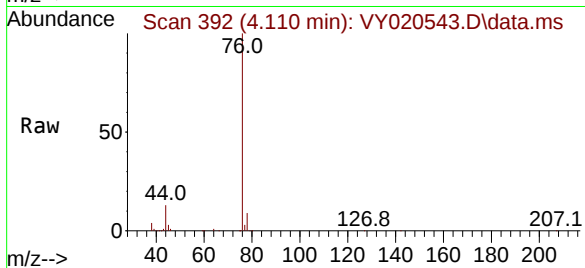
ClientSampleId :

Tgt Ion: 76 Resp: 303850

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 60.944 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.012 min

Lab File: VY020543.D

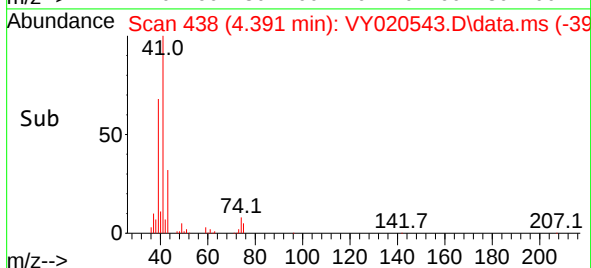
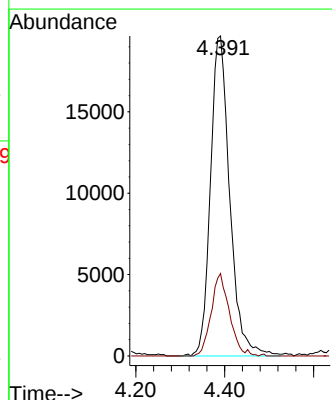
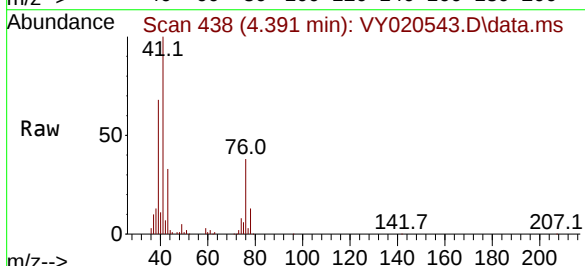
Acq: 06 Dec 2024 17:50

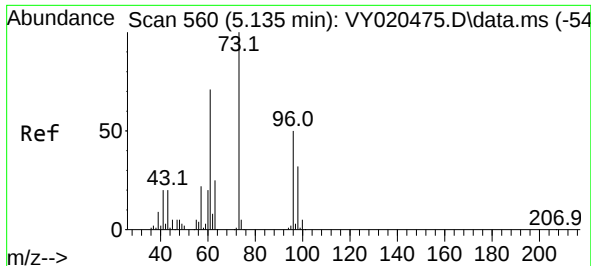
Tgt Ion: 43 Resp: 59227

Ion Ratio Lower Upper

43 100

74 24.4 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 57.681 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

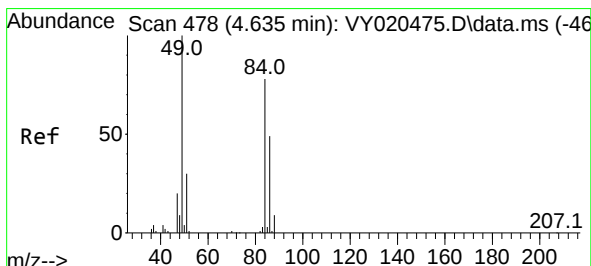
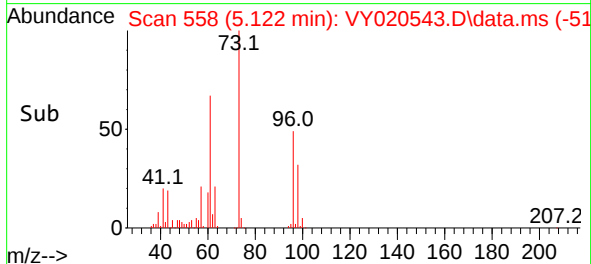
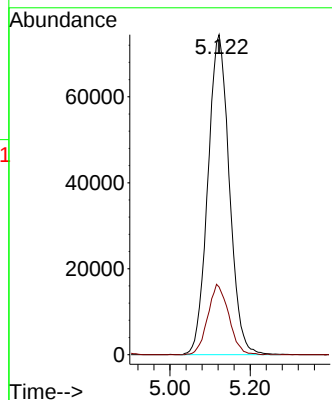
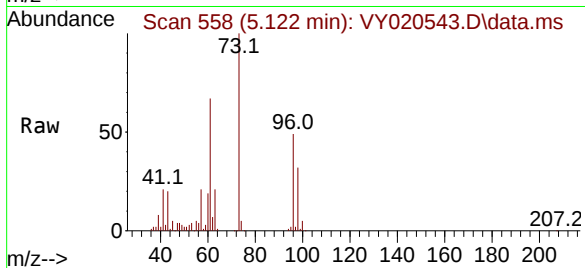
ClientSampleId :

Tgt Ion: 73 Resp: 276490

Ion Ratio Lower Upper

73 100

57 21.1 18.0 27.0



#20

Methylene Chloride

Concen: 57.703 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Tgt Ion: 84 Resp: 112237

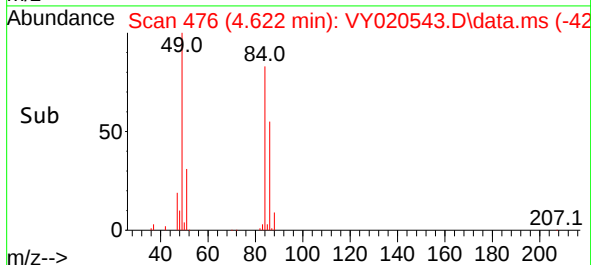
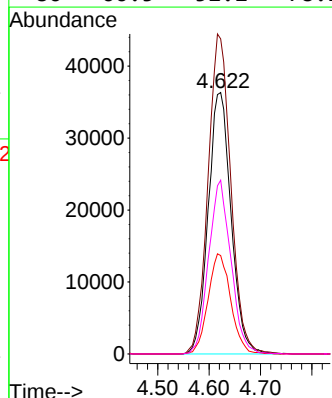
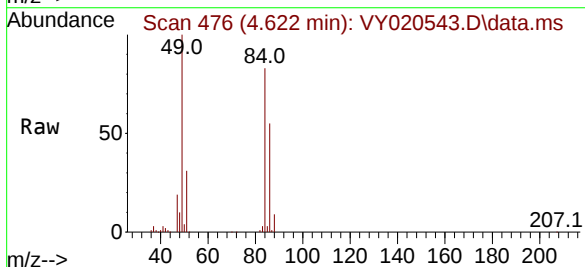
Ion Ratio Lower Upper

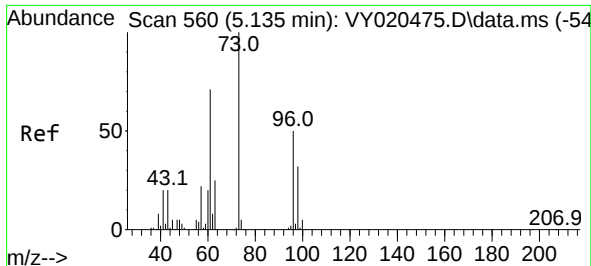
84 100

49 120.5 104.7 157.1

51 37.6 33.4 50.0

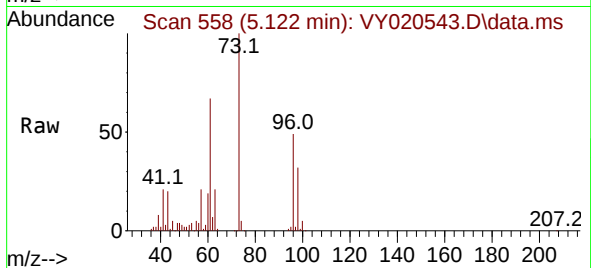
86 66.5 52.2 78.2



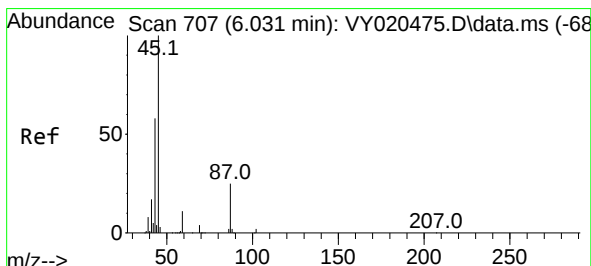
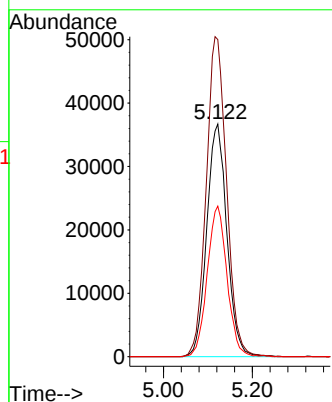
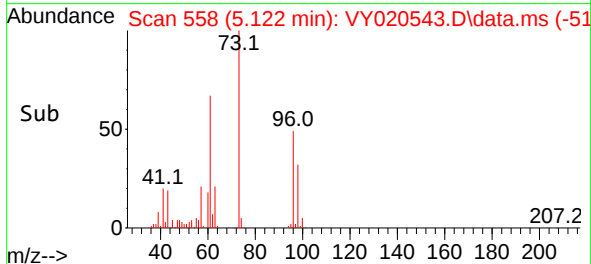


#21
trans-1,2-Dichloroethene
Concen: 55.454 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Instrument :
MSVOA_Y
ClientSampleId :

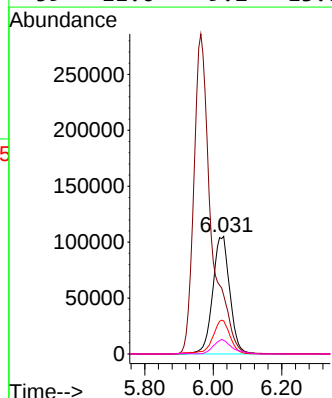
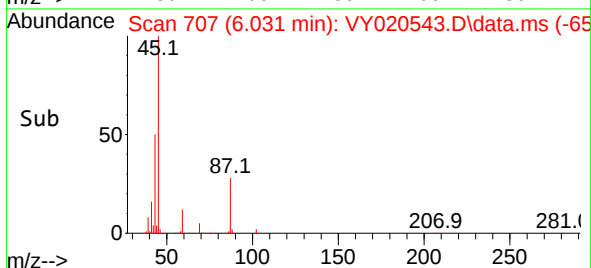
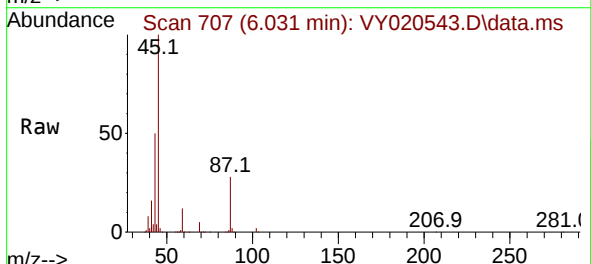


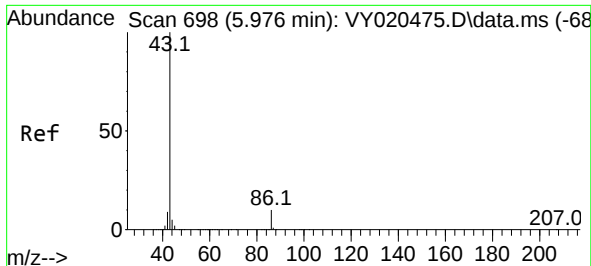
Tgt Ion: 96 Resp: 115610
Ion Ratio Lower Upper
96 100
61 136.3 111.6 167.4
98 64.7 46.7 70.1



#22
Diisopropyl ether
Concen: 54.526 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

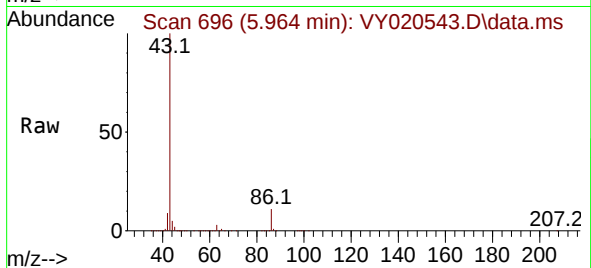
Tgt Ion: 45 Resp: 362978
Ion Ratio Lower Upper
45 100
43 49.4 44.8 67.2
87 28.1 20.6 30.8
59 11.6 9.2 13.8



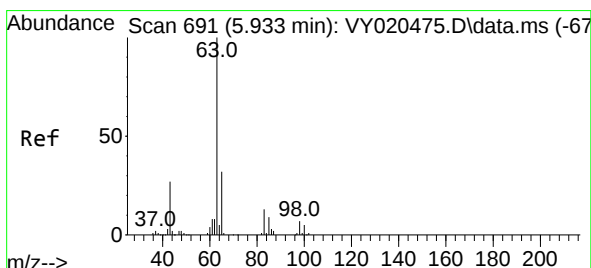
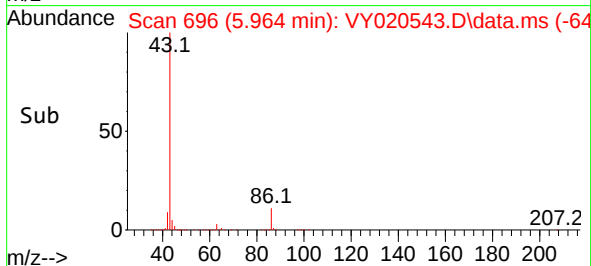
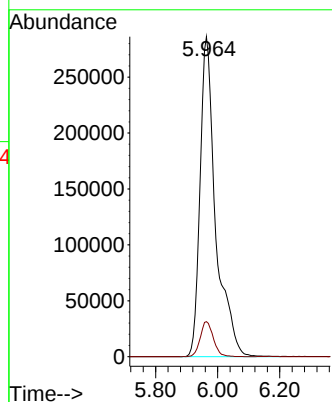


#23
 Vinyl Acetate
 Concen: 283.828 ug/l
 RT: 5.964 min Scan# 698
 Delta R.T. -0.012 min
 Lab File: VY020543.D
 Acq: 06 Dec 2024 17:50

Instrument :
 MSVOA_Y
 ClientSampleId :

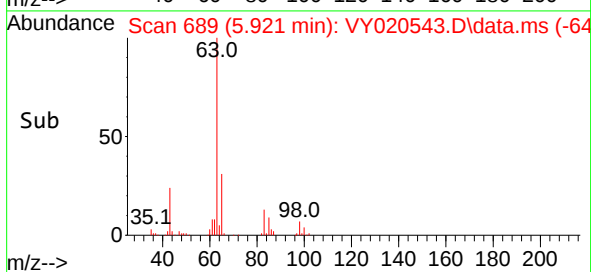
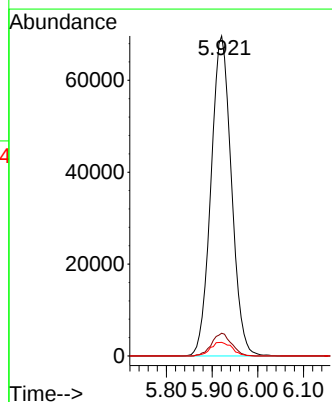
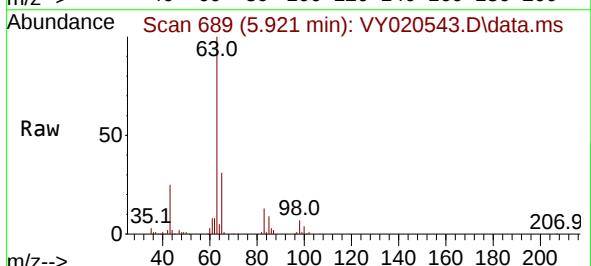


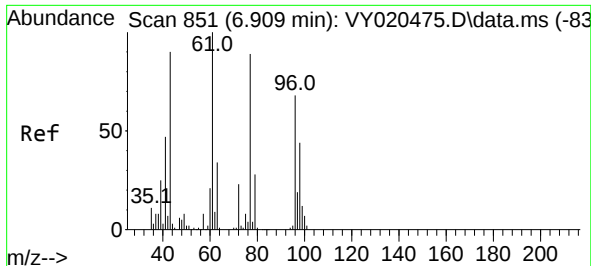
Tgt Ion: 43 Resp: 999372
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 53.981 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY020543.D
 Acq: 06 Dec 2024 17:50

Tgt Ion: 63 Resp: 216341
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.3 2.0 5.8

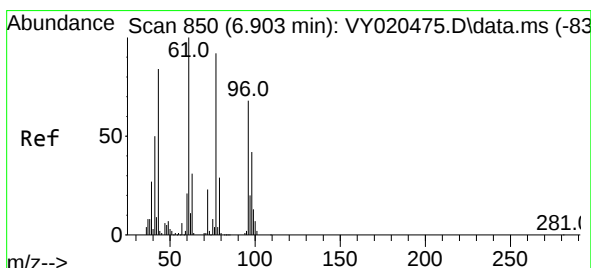
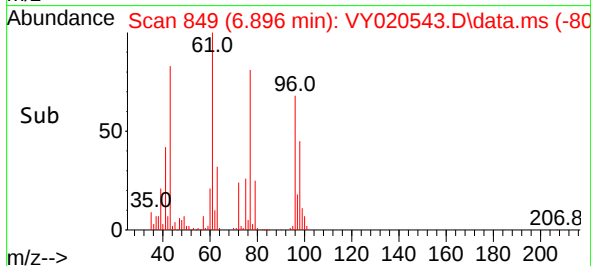
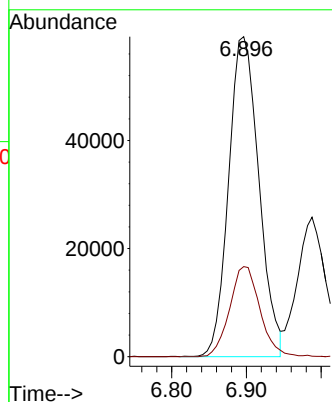
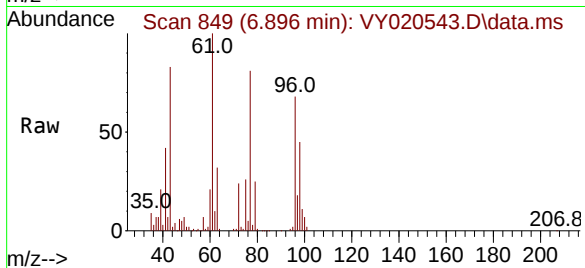




#25
2-Butanone
Concen: 288.773 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

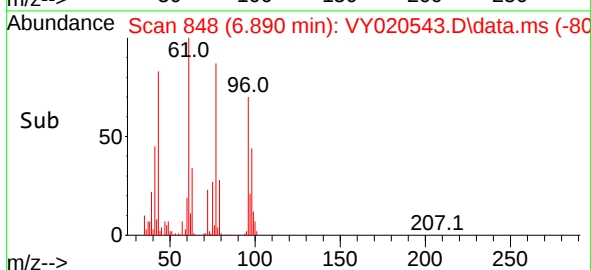
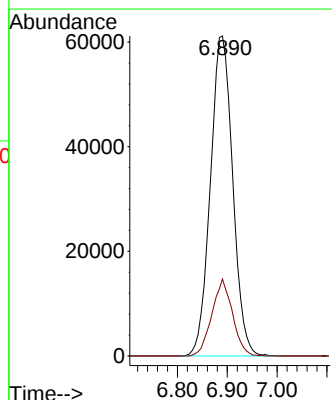
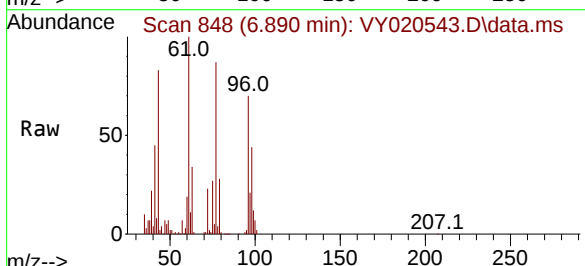
Instrument :
MSVOA_Y
ClientSampleId :

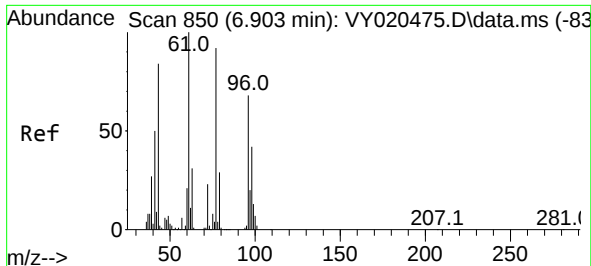
Tgt Ion: 43 Resp: 166731
Ion Ratio Lower Upper
43 100
72 28.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 50.216 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 77 Resp: 190349
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 55.862 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

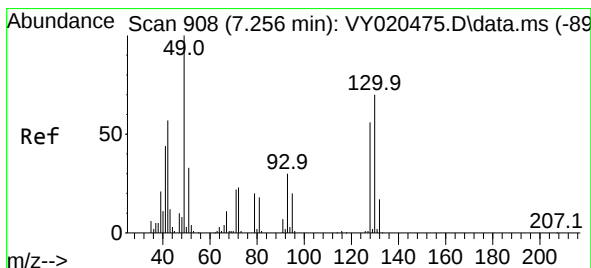
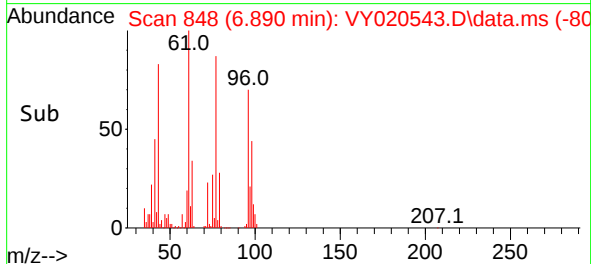
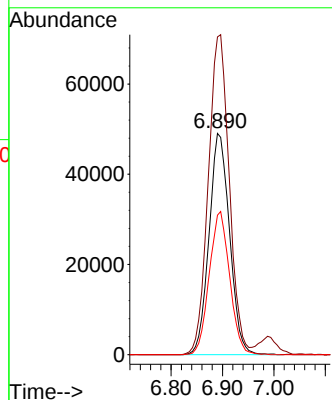
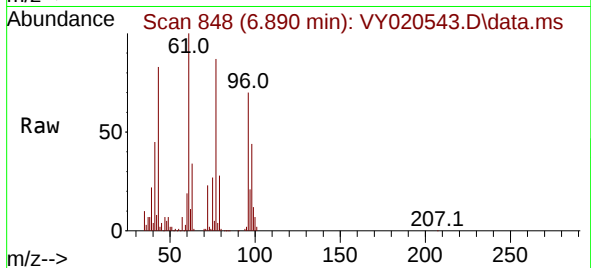
Tgt Ion: 96 Resp: 135987

Ion Ratio Lower Upper

96 100

61 147.6 0.0 312.4

98 64.4 0.0 126.8



#28

Bromochloromethane

Concen: 43.247 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

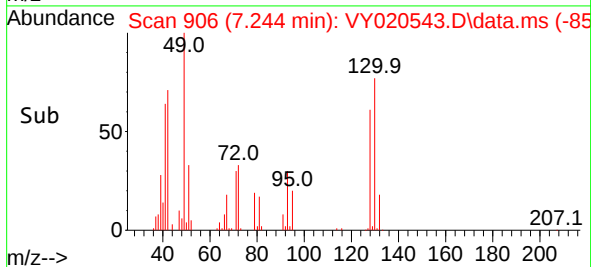
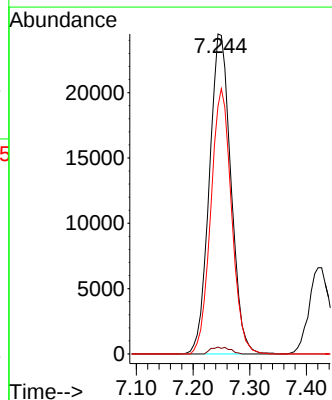
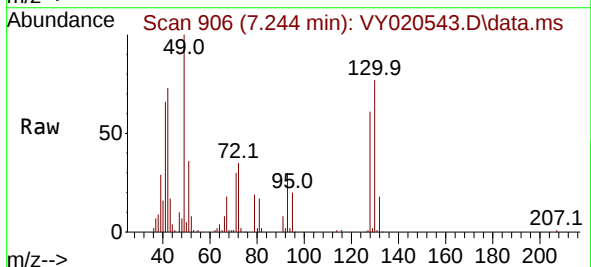
Tgt Ion: 49 Resp: 64724

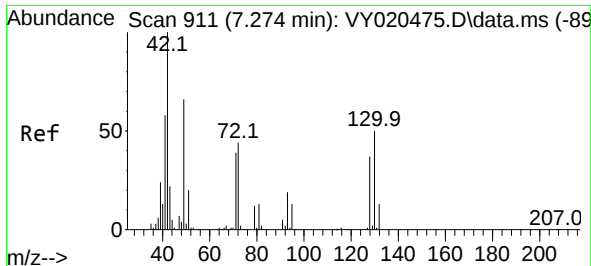
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 79.6 55.0 82.6





#29

Tetrahydrofuran

Concen: 296.054 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

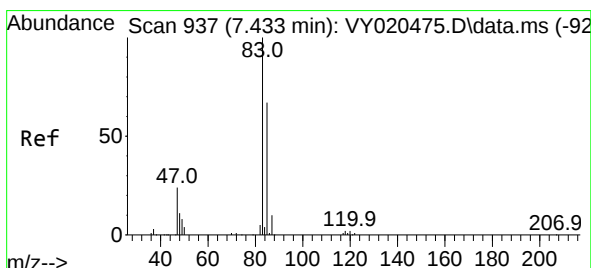
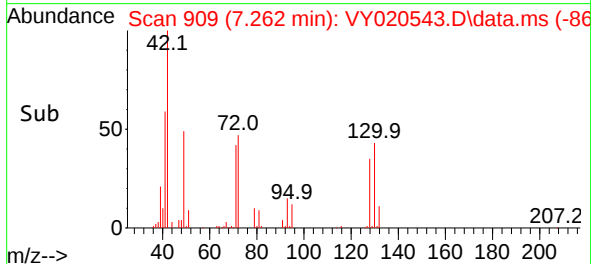
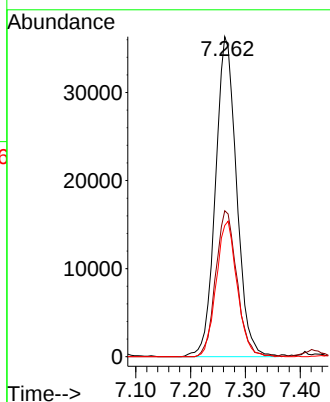
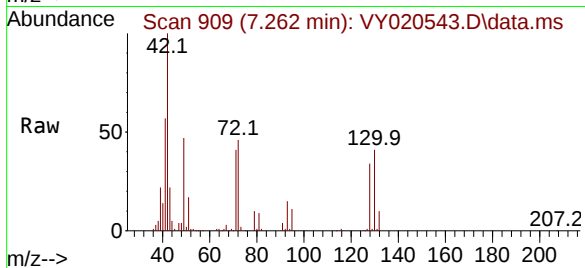
Tgt Ion: 42 Resp: 97516

Ion Ratio Lower Upper

42 100

72 45.7 33.4 50.0

71 42.0 31.9 47.9



#30

Chloroform

Concen: 54.094 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY020543.D

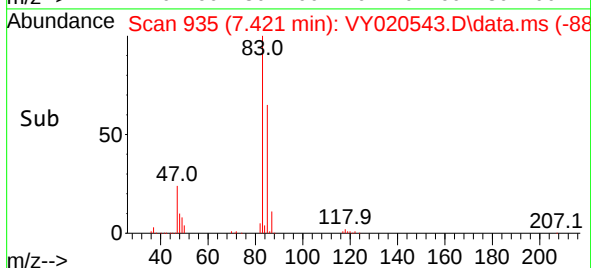
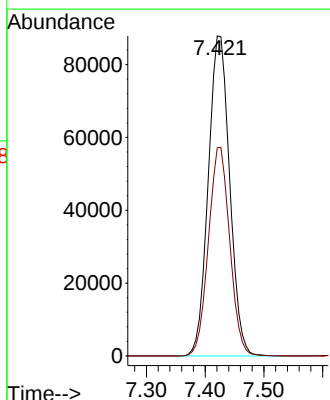
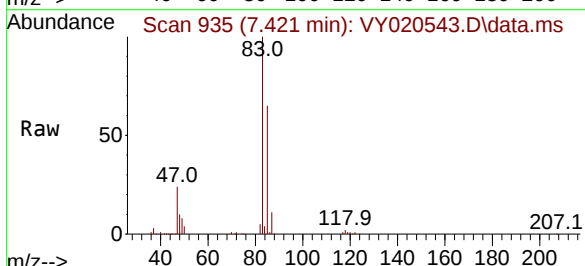
Acq: 06 Dec 2024 17:50

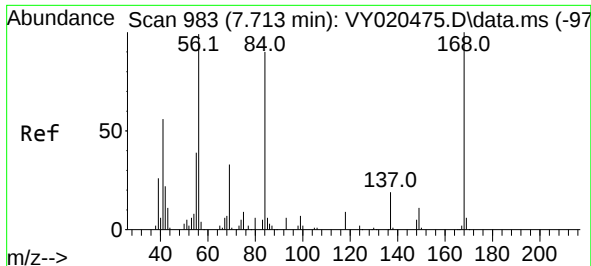
Tgt Ion: 83 Resp: 222499

Ion Ratio Lower Upper

83 100

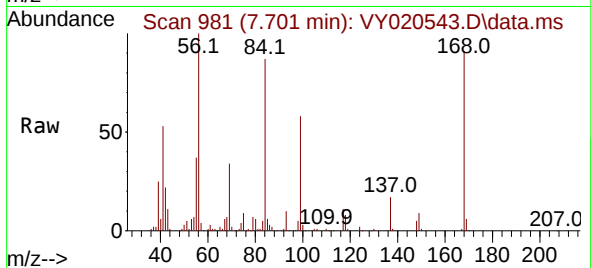
85 65.1 50.3 75.5



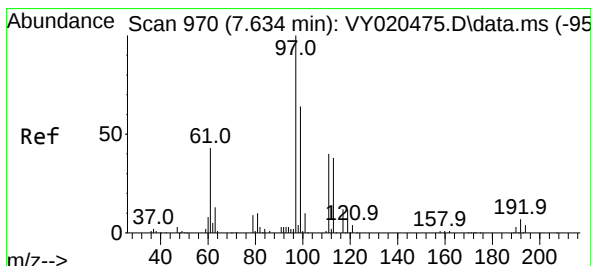
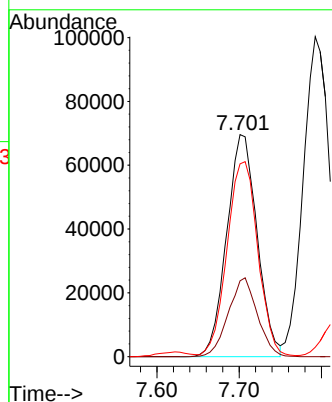
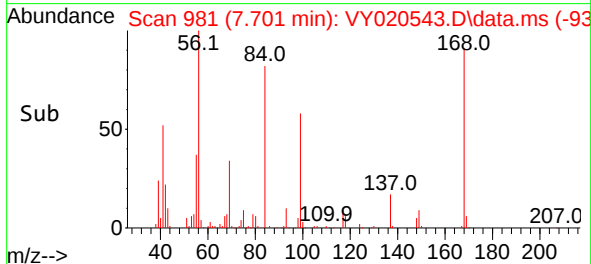


#31
Cyclohexane
Concen: 49.314 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Instrument :
MSVOA_Y
ClientSampleId :

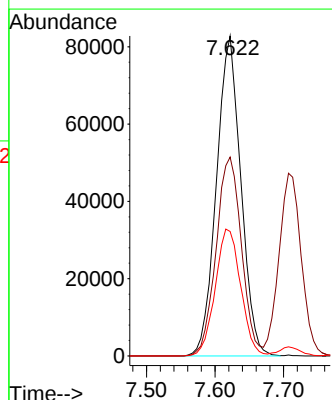
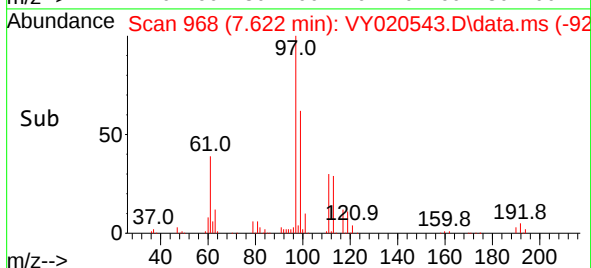
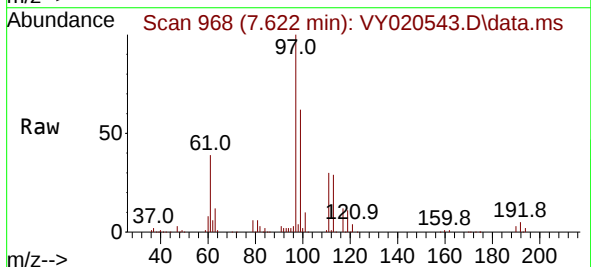


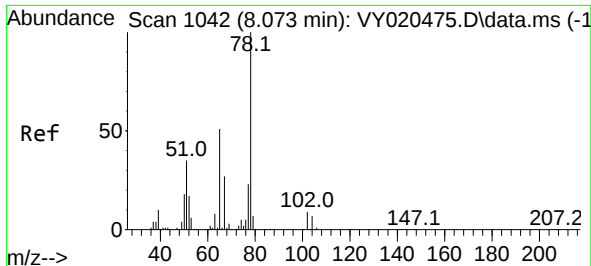
Tgt Ion: 56 Resp: 178672
Ion Ratio Lower Upper
56 100
69 34.1 25.3 37.9
84 84.8 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 51.679 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 97 Resp: 204678
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 41.3 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 48.454 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

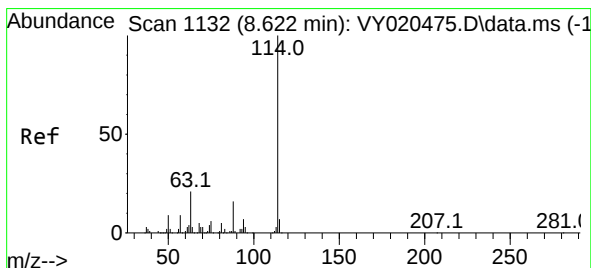
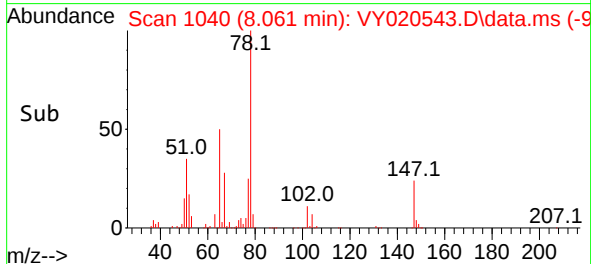
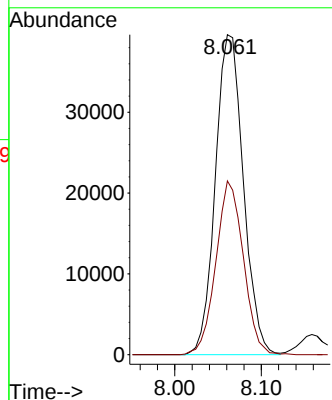
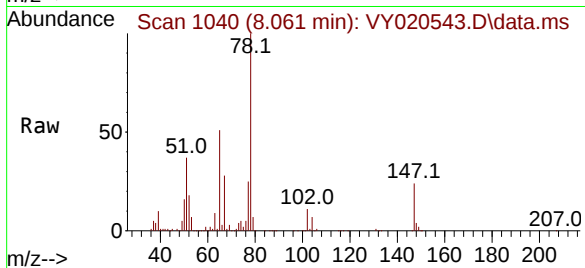
ClientSampleId :

Tgt Ion: 65 Resp: 89102

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

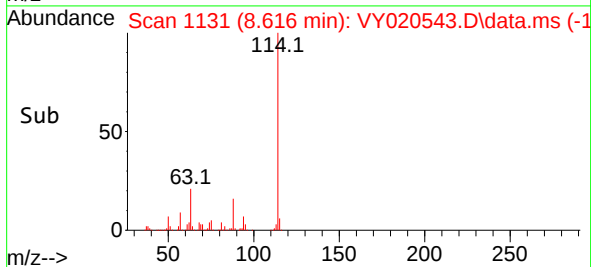
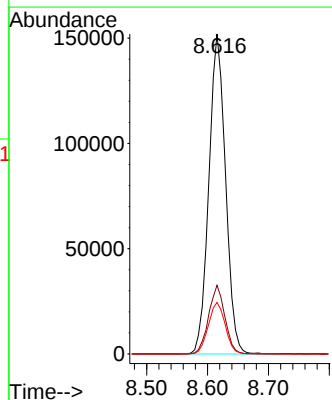
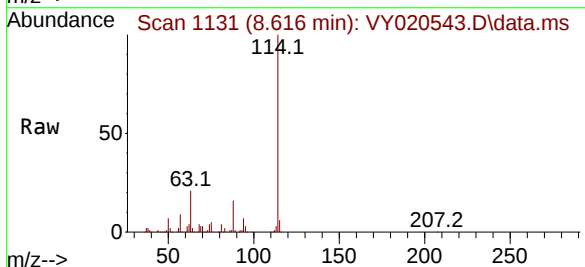
Tgt Ion: 114 Resp: 289078

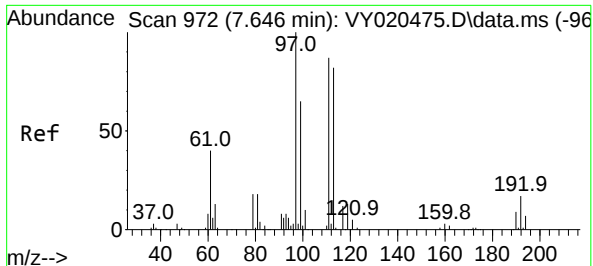
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

88 16.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.525 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

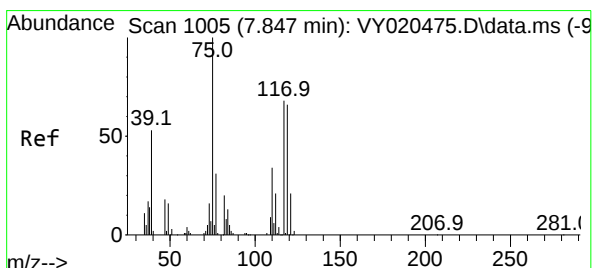
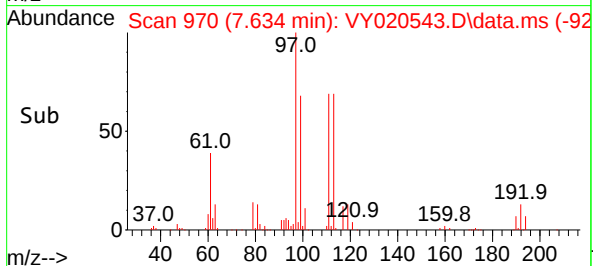
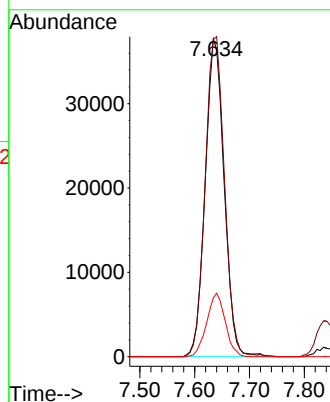
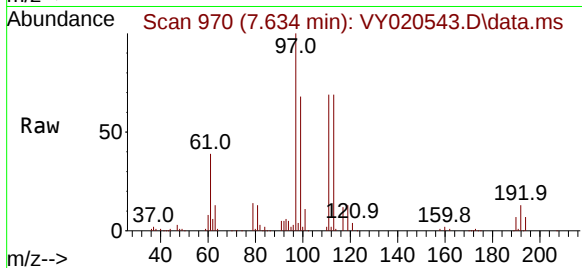
Tgt Ion:113 Resp: 90129

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 19.6 15.1 22.7



#36

1,1-Dichloropropene

Concen: 50.621 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

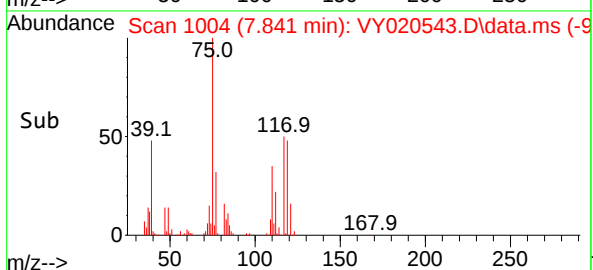
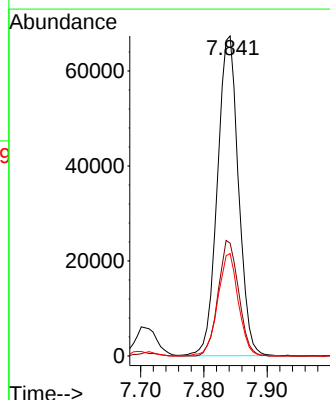
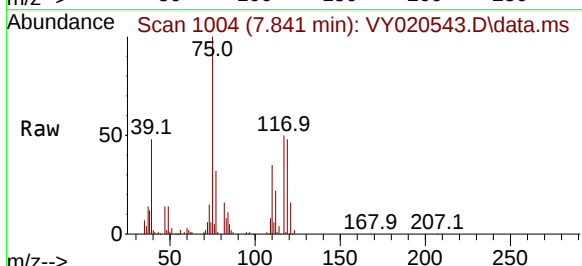
Tgt Ion: 75 Resp: 155572

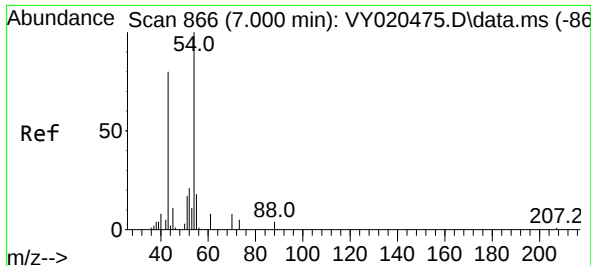
Ion Ratio Lower Upper

75 100

110 35.2 16.7 50.0

77 31.3 24.6 36.8

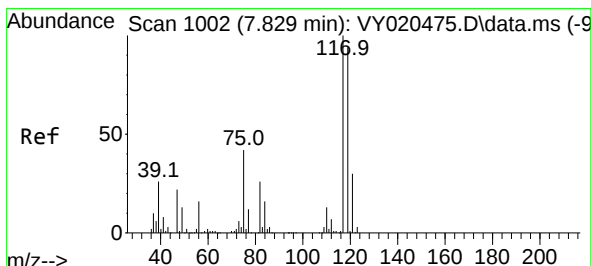
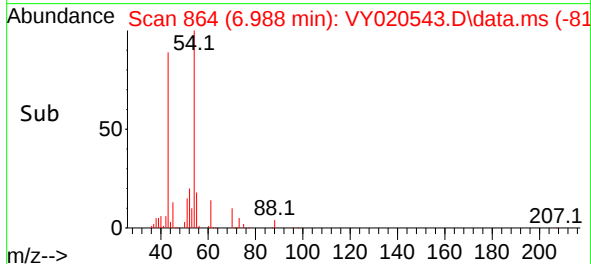
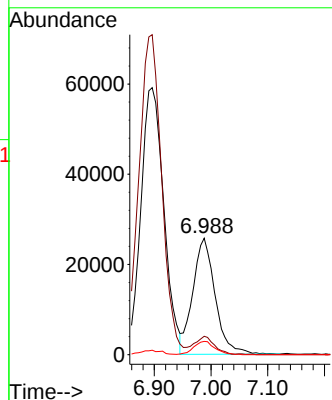
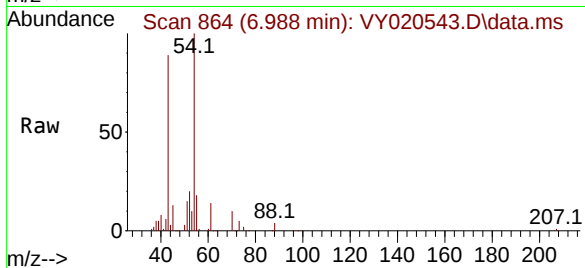




#37
Ethyl Acetate
Concen: 58.043 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

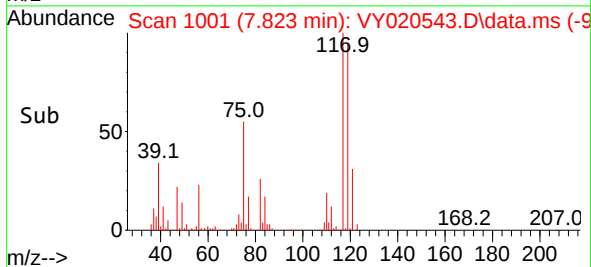
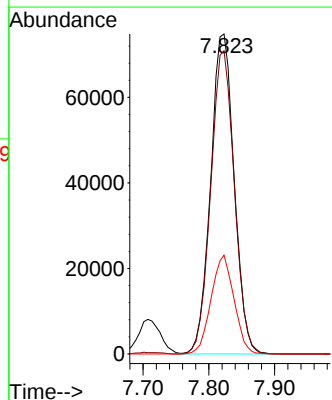
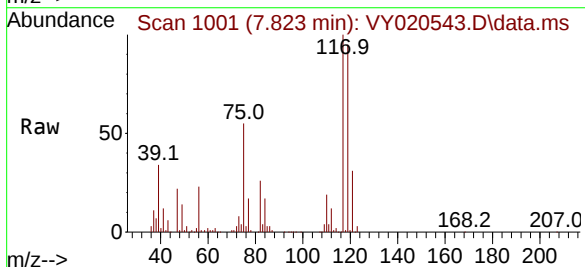
Instrument :
MSVOA_Y
ClientSampleId :

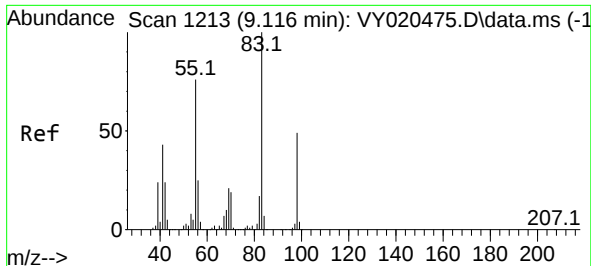
Tgt Ion: 43 Resp: 70670
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 10.8 7.3 10.9



#38
Carbon Tetrachloride
Concen: 50.812 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 117 Resp: 186377
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.6
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 51.481 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

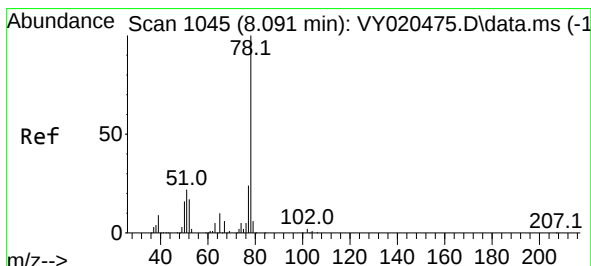
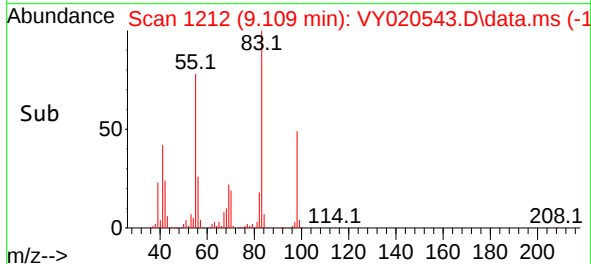
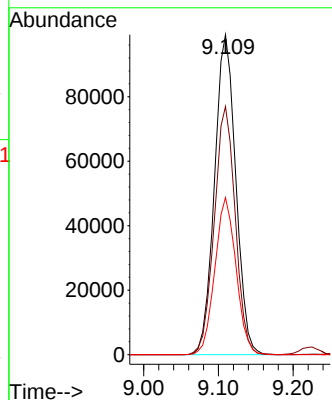
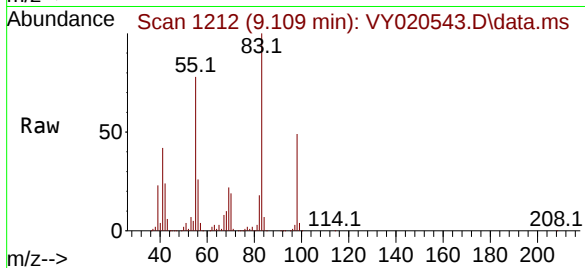
Tgt Ion: 83 Resp: 196327

Ion Ratio Lower Upper

83 100

55 77.5 62.6 93.8

98 49.1 37.0 55.4



#40

Benzene

Concen: 53.224 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY020543.D

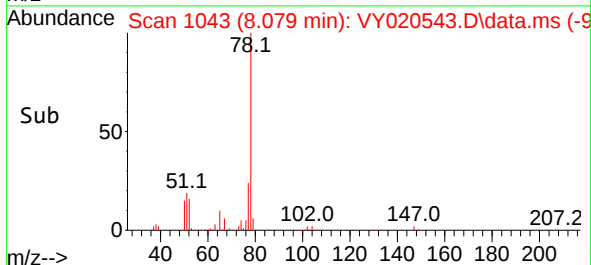
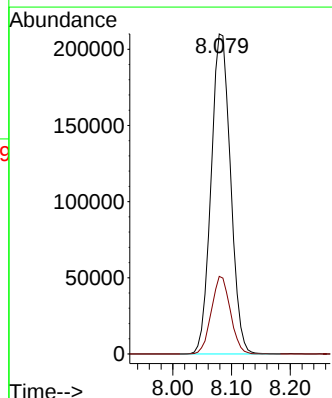
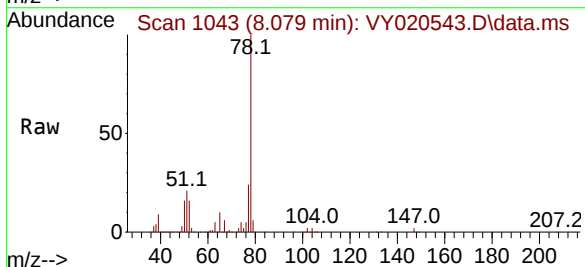
Acq: 06 Dec 2024 17:50

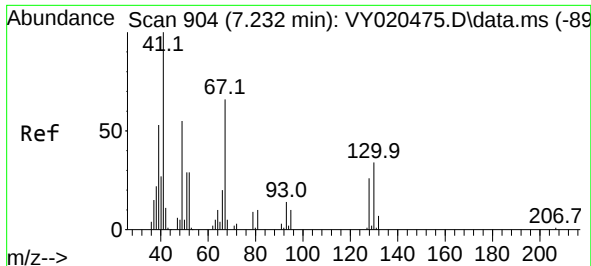
Tgt Ion: 78 Resp: 482270

Ion Ratio Lower Upper

78 100

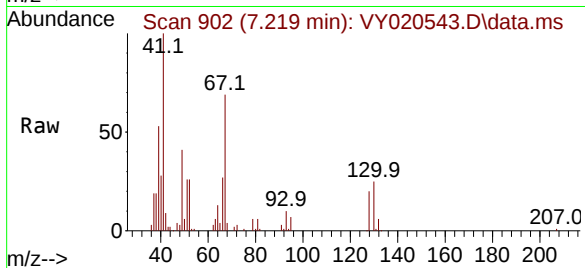
77 24.3 19.4 29.0



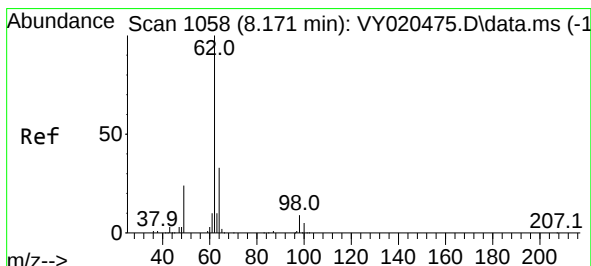
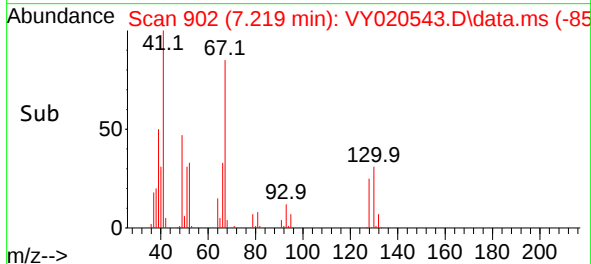
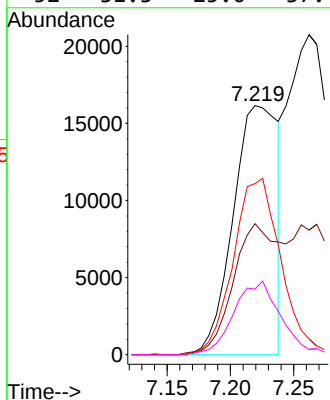


#41
Methacrylonitrile
Concen: 57.333 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Instrument :
MSVOA_Y
ClientSampleId :

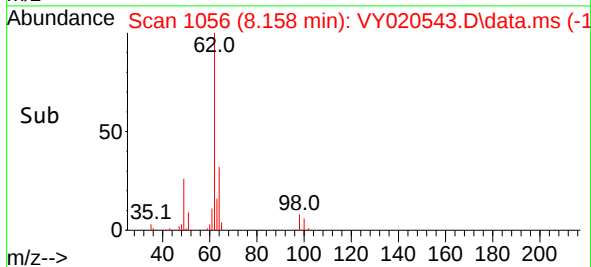
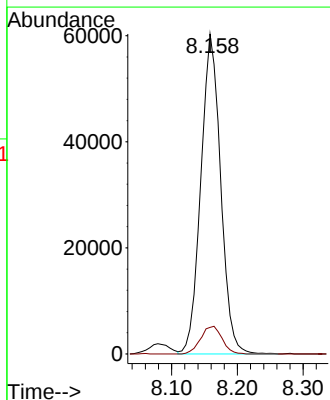
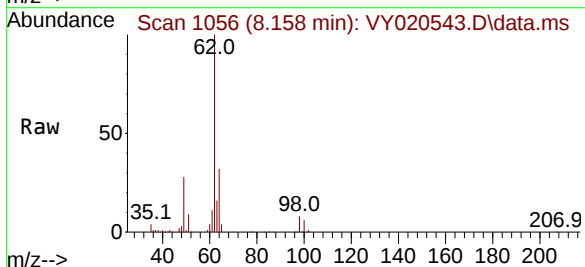


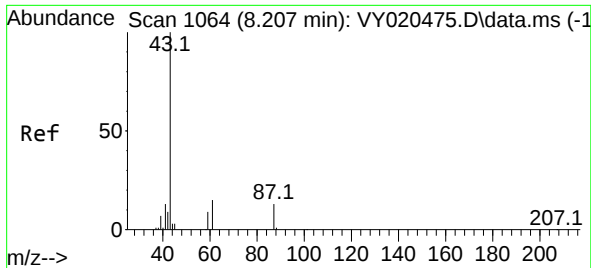
Tgt Ion:	41	Resp:	39683
Ion	Ratio	Lower	Upper
41	100		
39	57.2	49.0	73.4
67	75.7	57.1	85.7
52	31.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 53.158 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion:	62	Resp:	126564
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0





#43

Isopropyl Acetate

Concen: 56.107 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

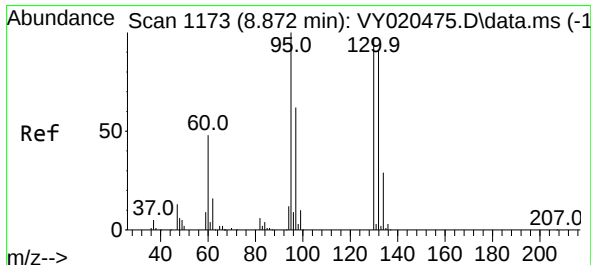
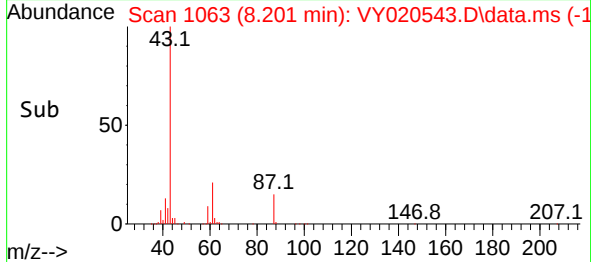
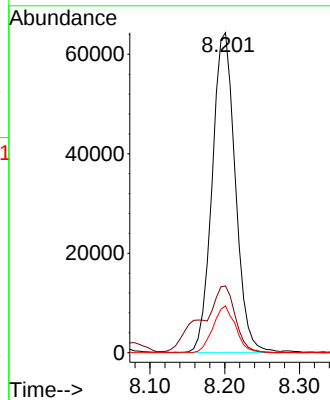
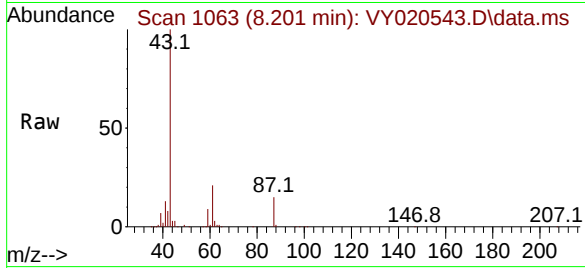
Tgt Ion: 43 Resp: 137944

Ion Ratio Lower Upper

43 100

61 30.7 22.8 34.2

87 14.3 9.6 14.4



#44

Trichloroethene

Concen: 53.545 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VY020543.D

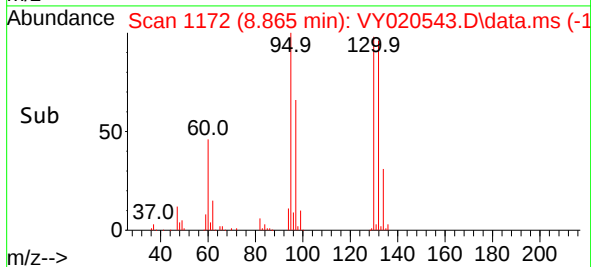
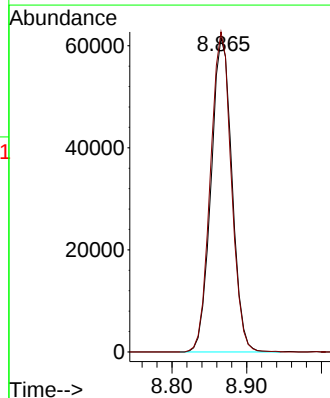
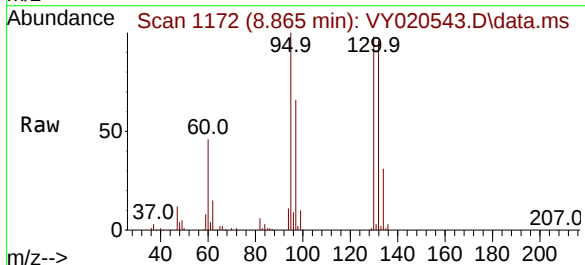
Acq: 06 Dec 2024 17:50

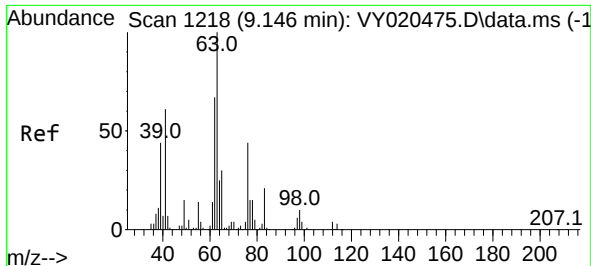
Tgt Ion:130 Resp: 119608

Ion Ratio Lower Upper

130 100

95 101.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 52.926 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

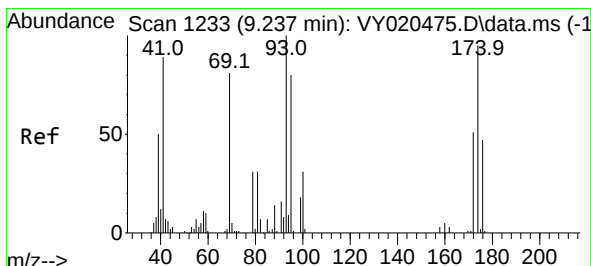
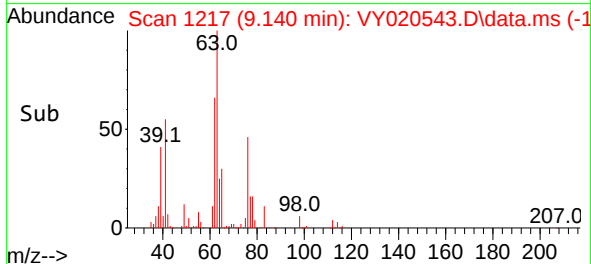
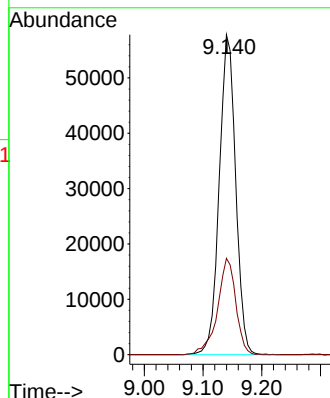
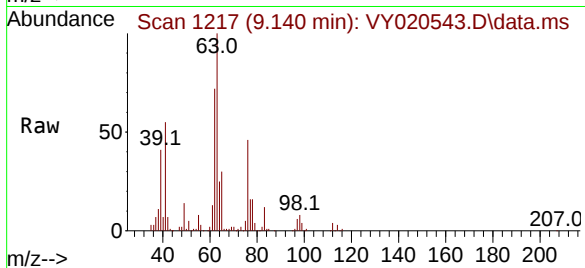
ClientSampleId :

Tgt Ion: 63 Resp: 112223

Ion Ratio Lower Upper

63 100

65 30.1 24.2 36.4



#46

Dibromomethane

Concen: 56.756 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

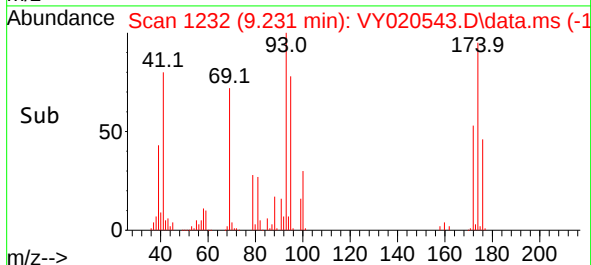
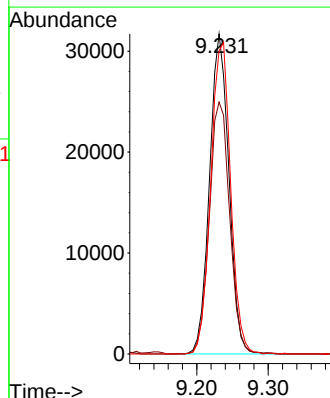
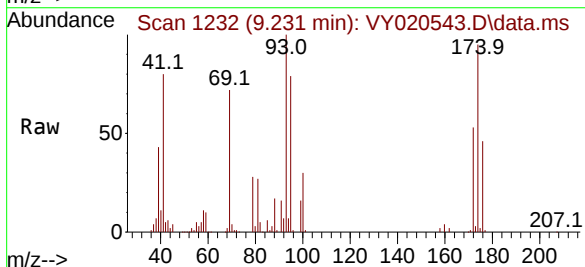
Tgt Ion: 93 Resp: 59585

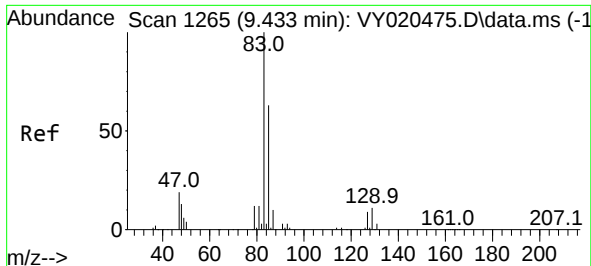
Ion Ratio Lower Upper

93 100

95 82.8 65.3 97.9

174 100.2 74.4 111.6

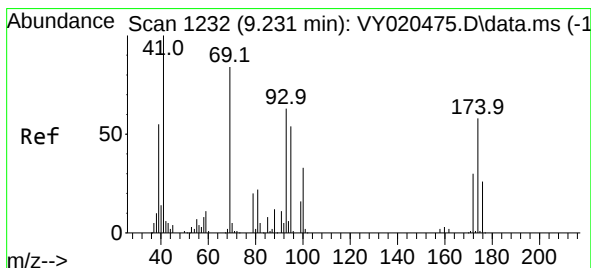
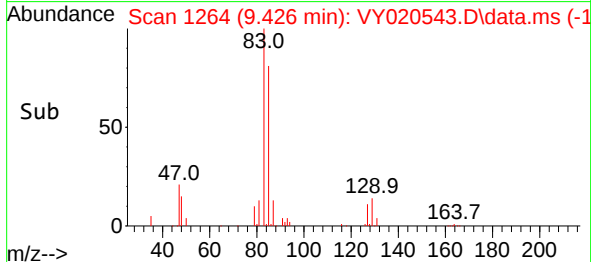
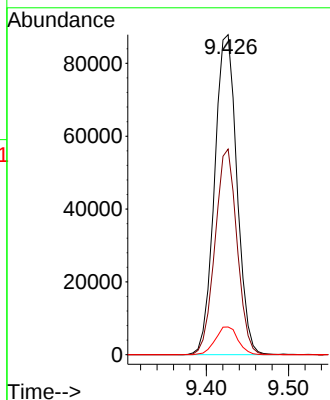
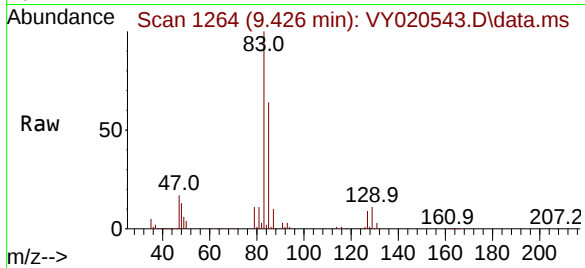




#47
Bromodichloromethane
Concen: 53.704 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

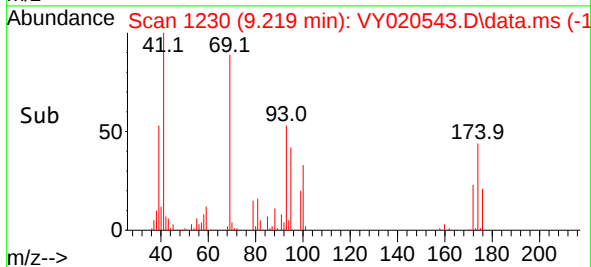
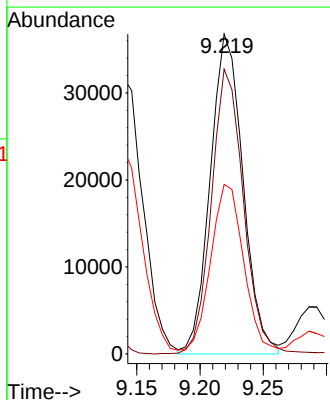
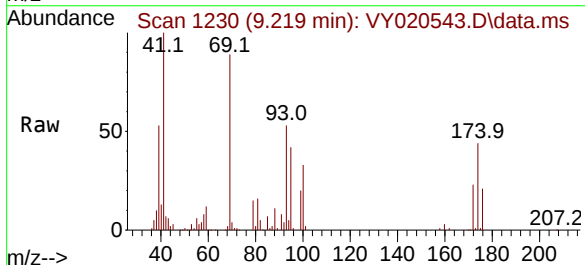
Instrument :
MSVOA_Y
ClientSampleId :

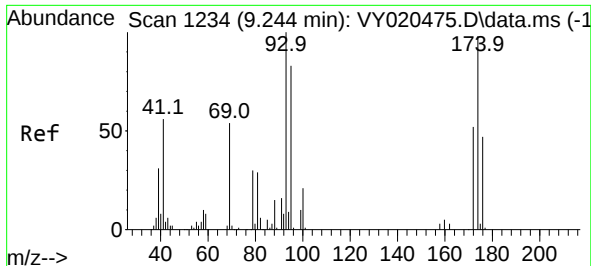
Tgt Ion: 83 Resp: 166114
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.2
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 57.899 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 41 Resp: 66379
Ion Ratio Lower Upper
41 100
69 87.4 66.1 99.1
39 51.6 46.0 69.0





#49

1,4-Dioxane

Concen: 1330.733 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

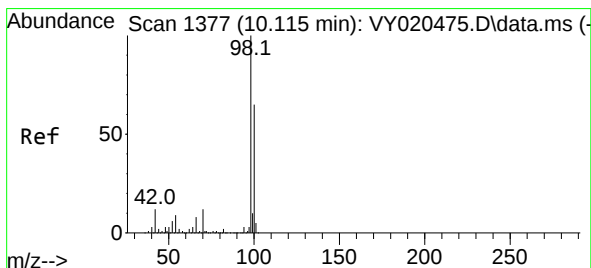
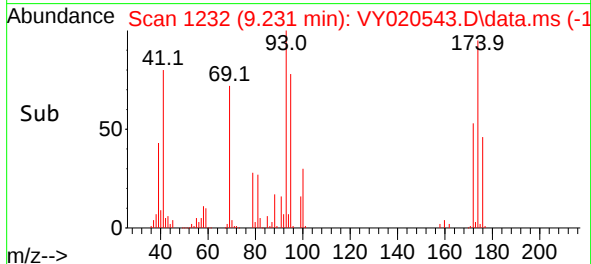
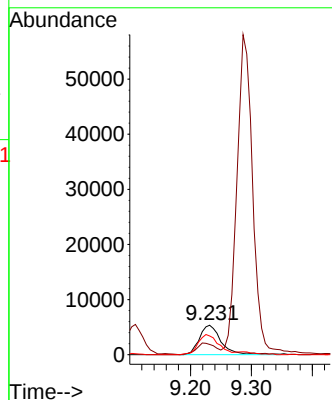
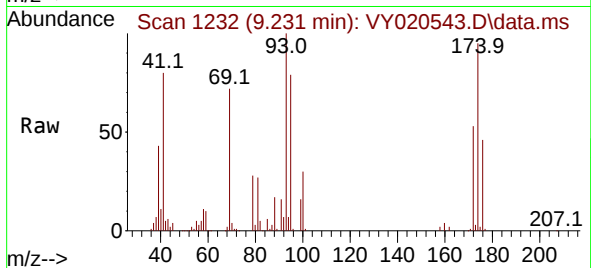
Tgt Ion: 88 Resp: 13354

Ion Ratio Lower Upper

88 100

43 34.4 24.6 37.0

58 64.5 59.6 89.4



#50

Toluene-d8

Concen: 47.163 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020543.D

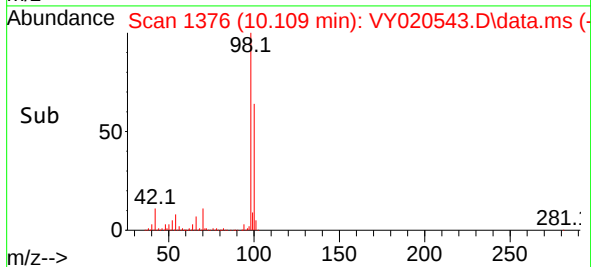
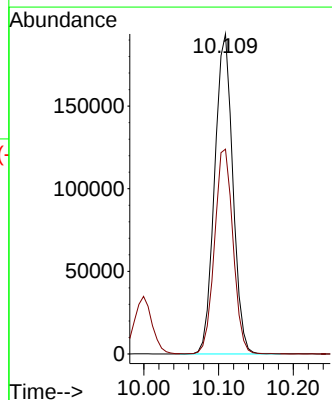
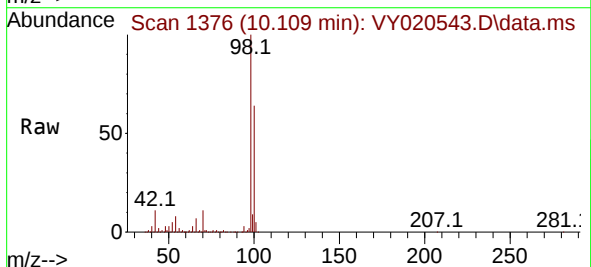
Acq: 06 Dec 2024 17:50

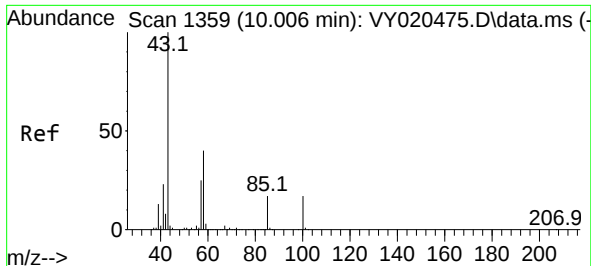
Tgt Ion: 98 Resp: 326833

Ion Ratio Lower Upper

98 100

100 65.3 51.3 76.9

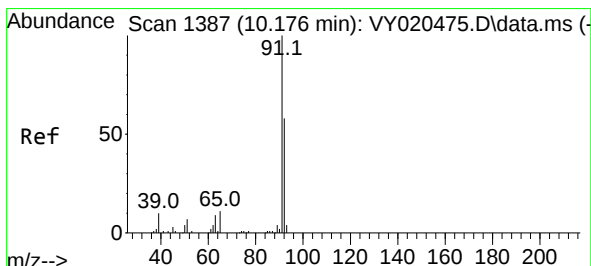
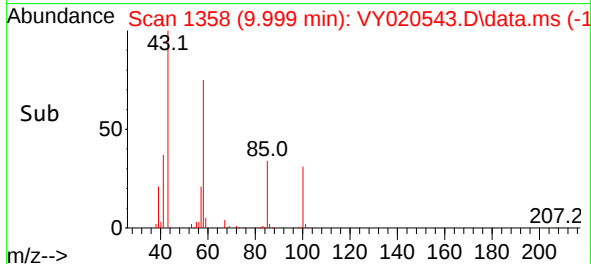
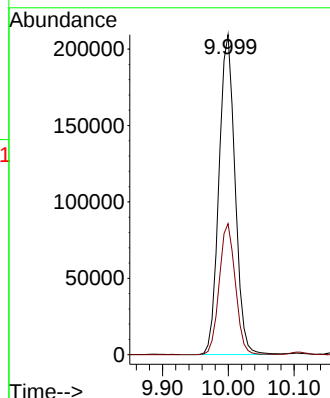
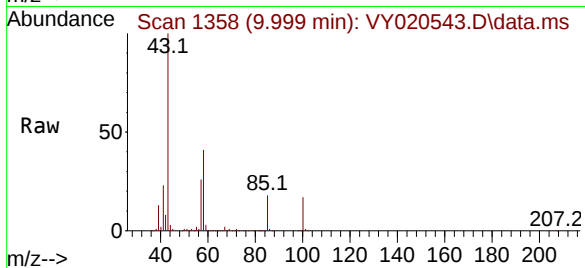




#51
4-Methyl-2-Pentanone
Concen: 293.671 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

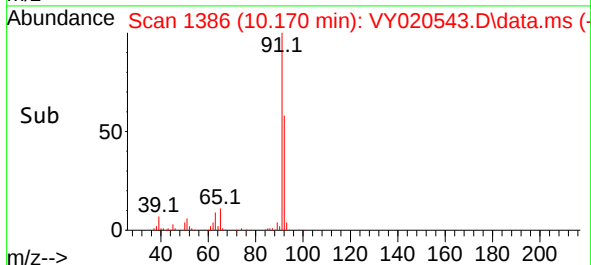
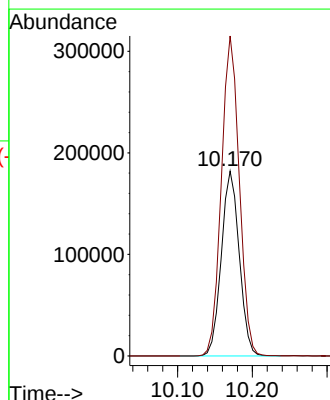
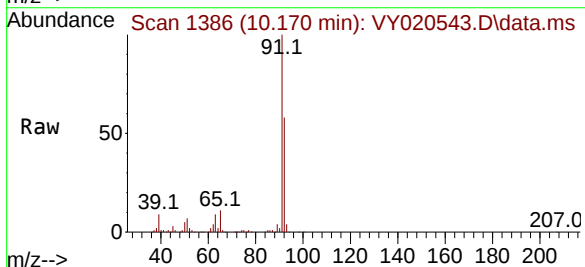
Instrument :
MSVOA_Y
ClientSampleId :

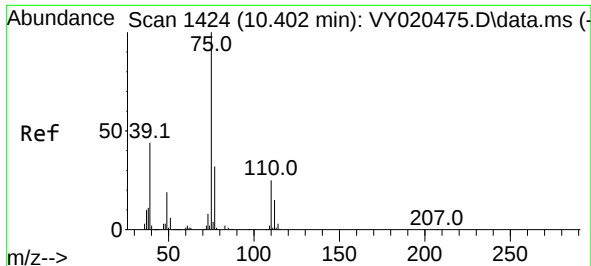
Tgt Ion: 43 Resp: 356566
Ion Ratio Lower Upper
43 100
58 41.0 30.9 46.3



#52
Toluene
Concen: 53.649 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 92 Resp: 303302
Ion Ratio Lower Upper
92 100
91 173.7 139.7 209.5

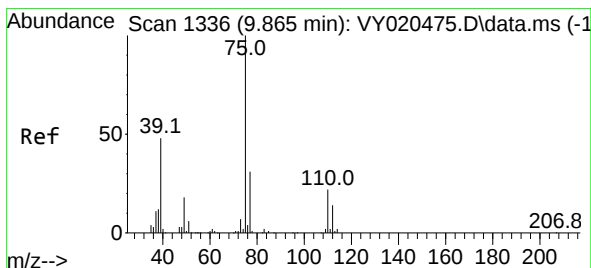
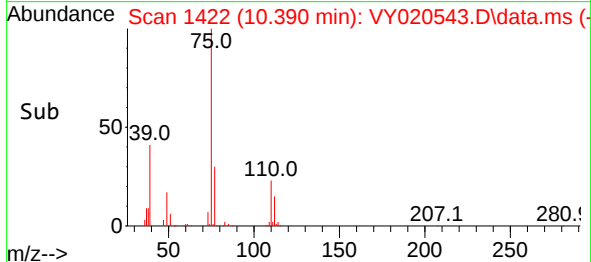
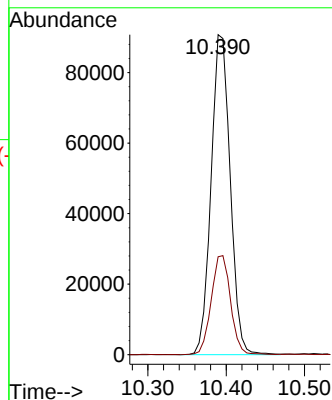
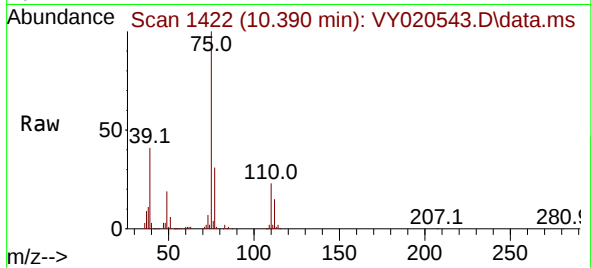




#53
t-1,3-Dichloropropene
Concen: 55.447 ug/l
RT: 10.390 min Scan# 1424
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

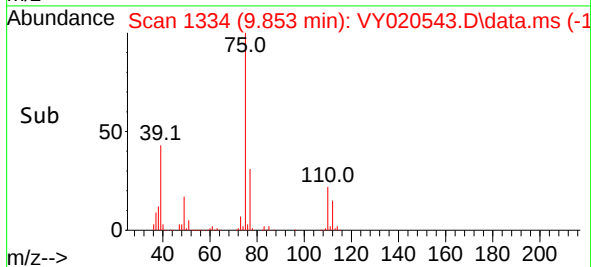
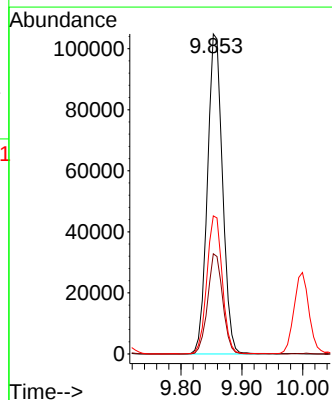
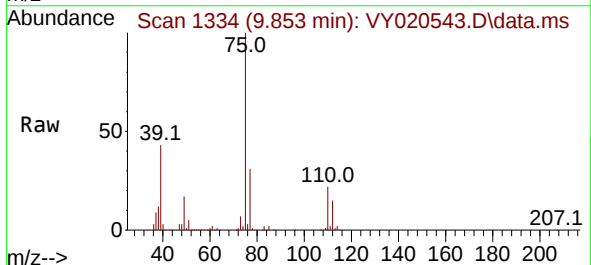
Instrument :
MSVOA_Y
ClientSampleId :

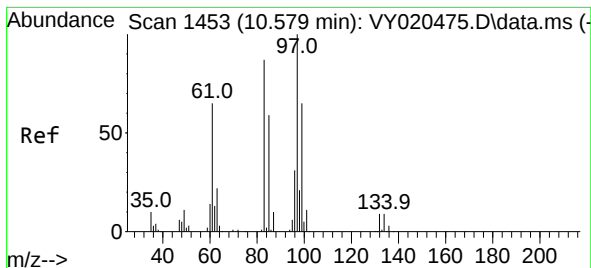
Tgt Ion: 75 Resp: 153974
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 55.145 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.012 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 75 Resp: 180977
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4
39 43.2 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 57.093 ug/l

RT: 10.573 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 79957

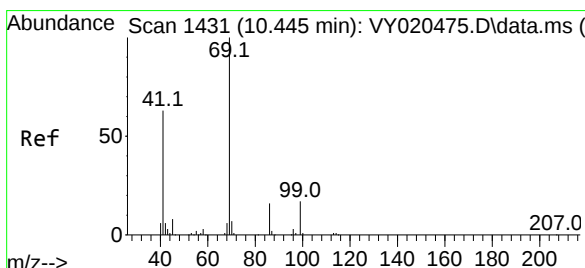
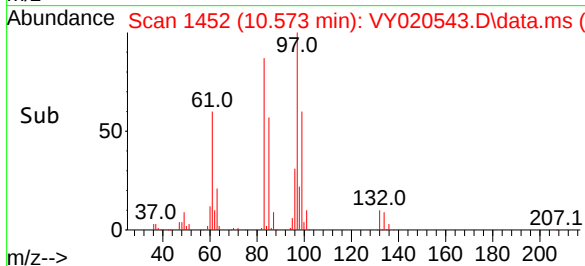
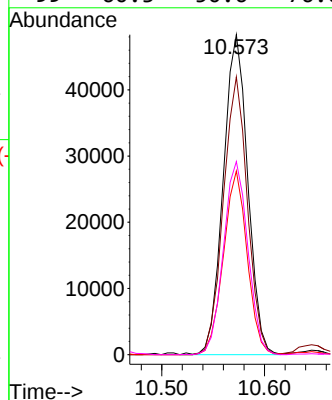
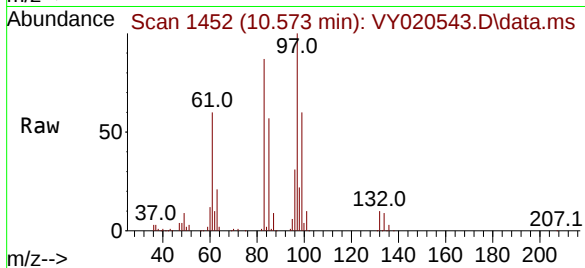
Ion Ratio Lower Upper

97 100

83 86.8 70.8 106.2

85 57.4 44.9 67.3

99 60.3 50.6 76.0



#56

Ethyl methacrylate

Concen: 59.609 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

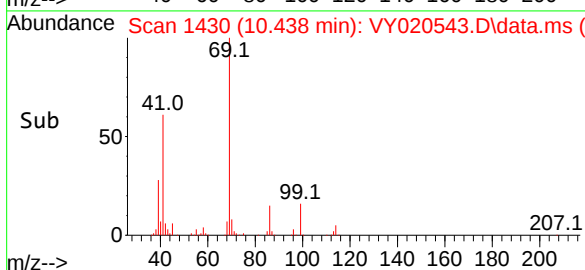
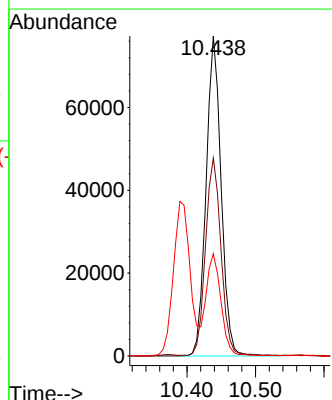
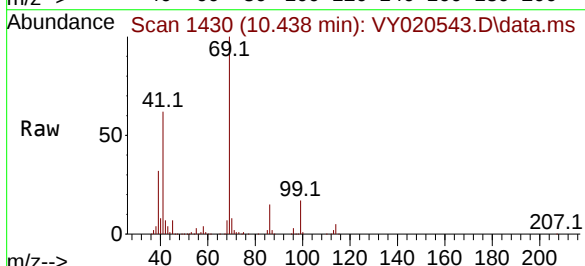
Tgt Ion: 69 Resp: 118119

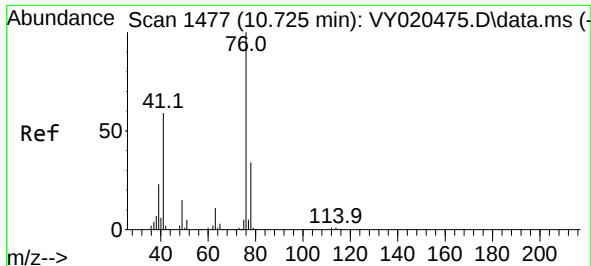
Ion Ratio Lower Upper

69 100

41 63.1 56.1 84.1

39 30.5 29.7 44.5





#57

1,3-Dichloropropane

Concen: 55.805 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

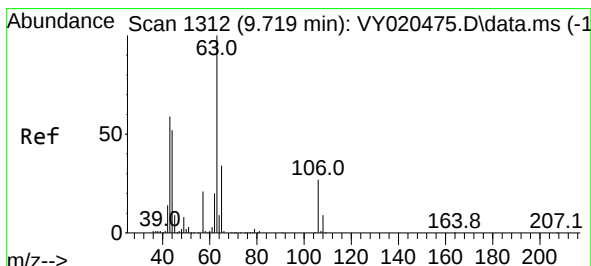
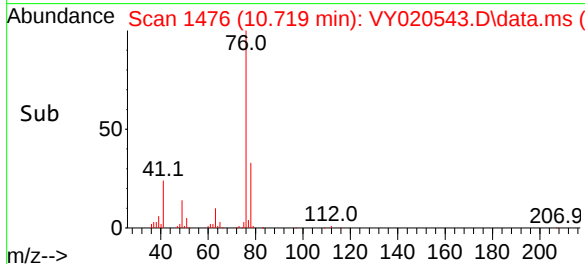
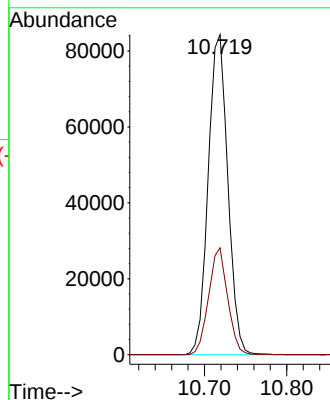
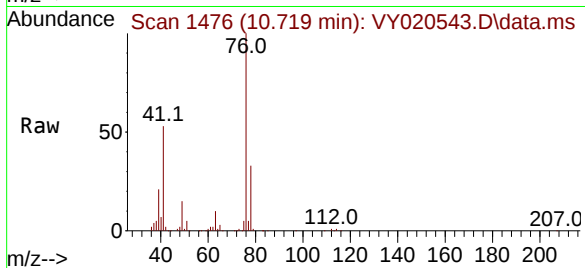
ClientSampleId :

Tgt Ion: 76 Resp: 139948

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 289.275 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020543.D

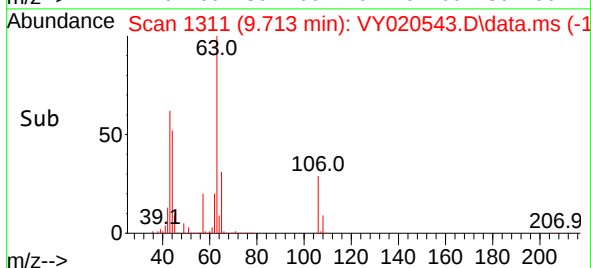
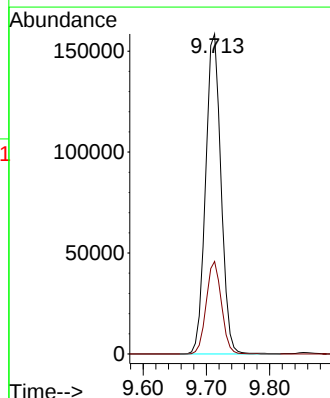
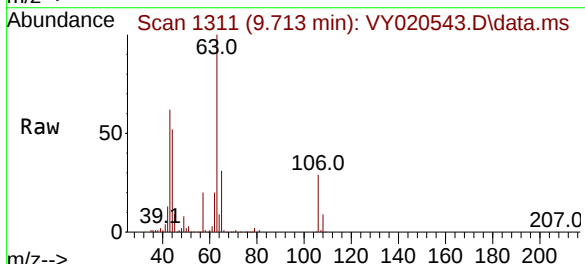
Acq: 06 Dec 2024 17:50

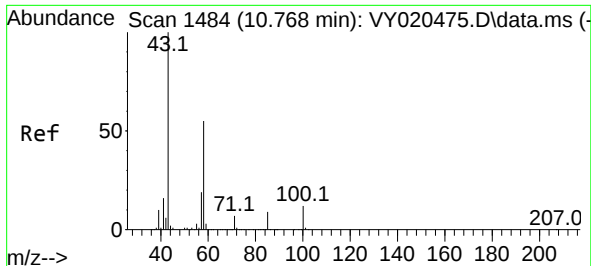
Tgt Ion: 63 Resp: 268385

Ion Ratio Lower Upper

63 100

106 28.5 21.0 31.4





#59

2-Hexanone

Concen: 285.412 ug/l

RT: 10.761 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

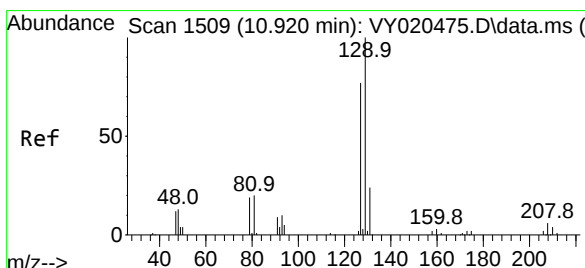
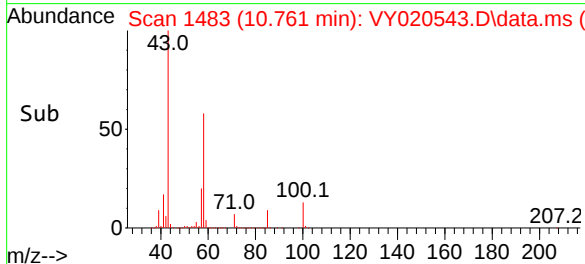
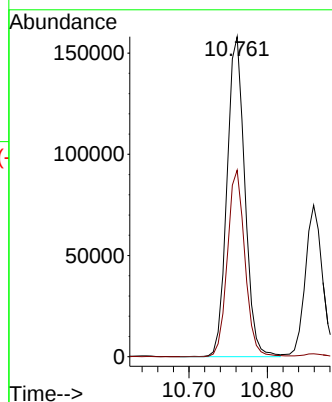
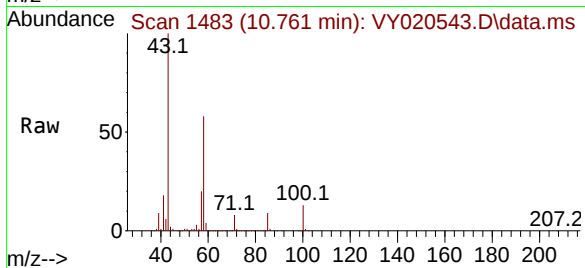
ClientSampleId :

Tgt Ion: 43 Resp: 249996

Ion Ratio Lower Upper

43 100

58 57.3 26.4 79.2



#60

Dibromochloromethane

Concen: 56.335 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.012 min

Lab File: VY020543.D

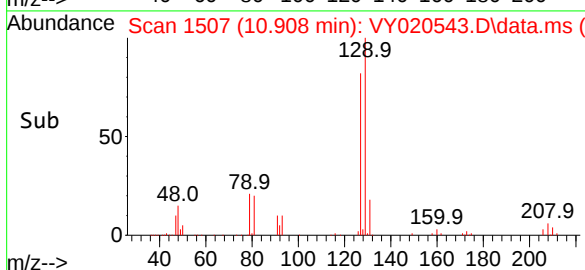
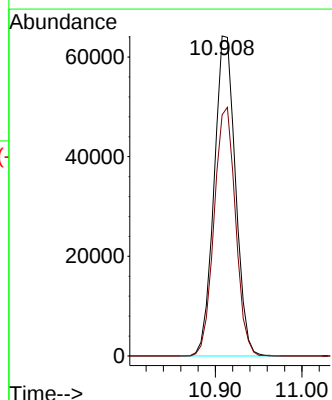
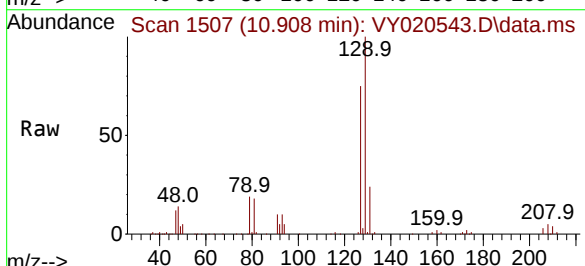
Acq: 06 Dec 2024 17:50

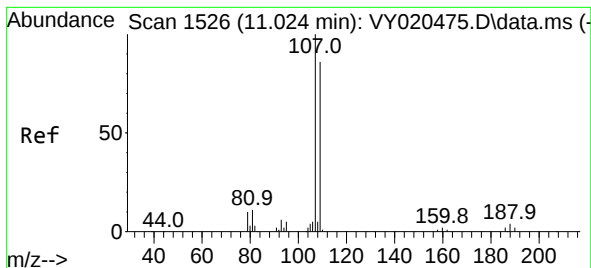
Tgt Ion:129 Resp: 109841

Ion Ratio Lower Upper

129 100

127 77.8 38.3 114.9





#61

1,2-Dibromoethane

Concen: 57.248 ug/l

RT: 11.011 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

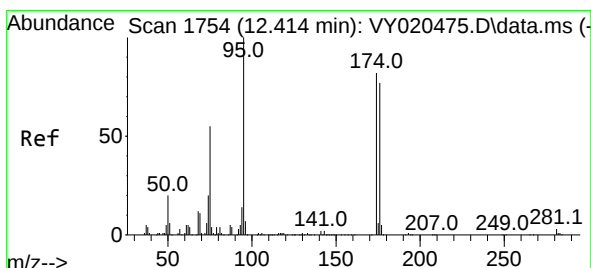
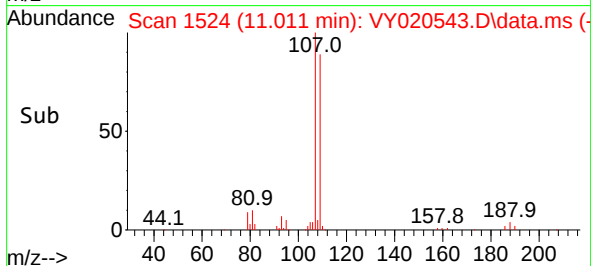
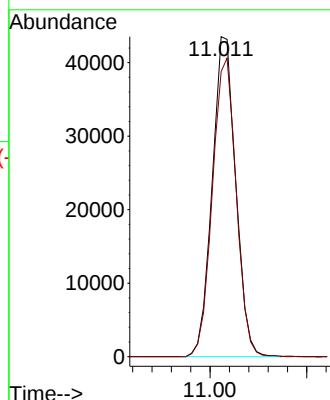
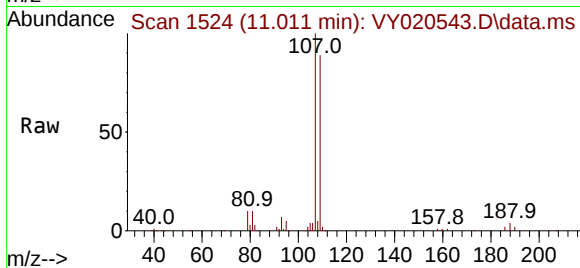
ClientSampleId :

Tgt Ion:107 Resp: 73317

Ion Ratio Lower Upper

107 100

109 94.3 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 49.345 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

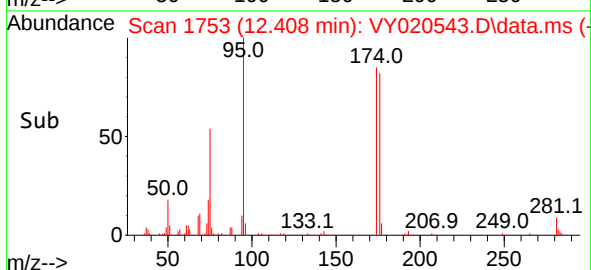
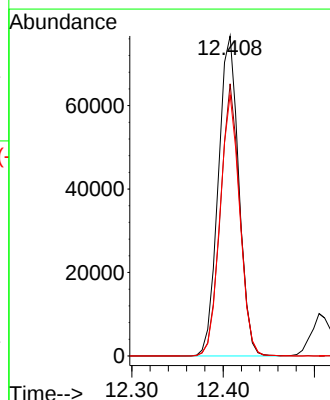
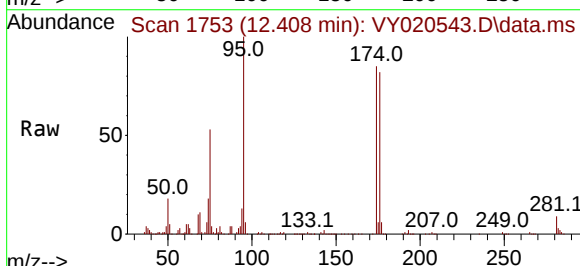
Tgt Ion: 95 Resp: 119597

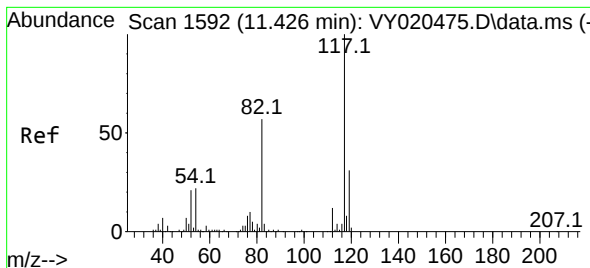
Ion Ratio Lower Upper

95 100

174 80.3 0.0 156.8

176 78.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

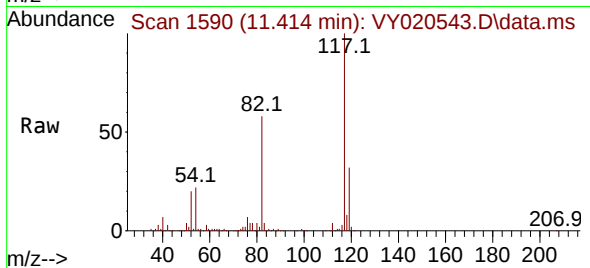
Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :



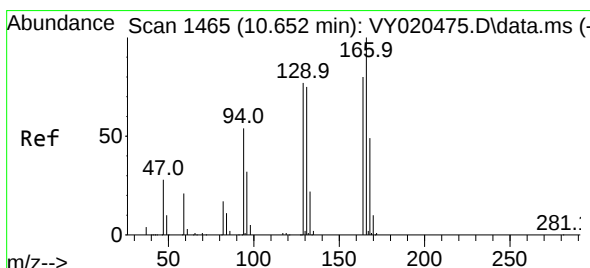
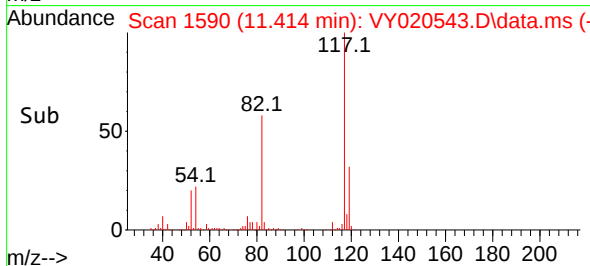
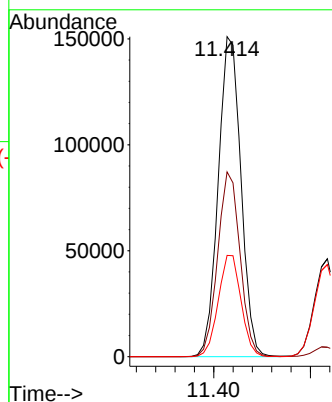
Tgt Ion:117 Resp: 245670

Ion Ratio Lower Upper

117 100

82 57.7 48.2 72.4

119 31.6 25.8 38.8



#64

Tetrachloroethene

Concen: 51.629 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Tgt Ion:164 Resp: 107173

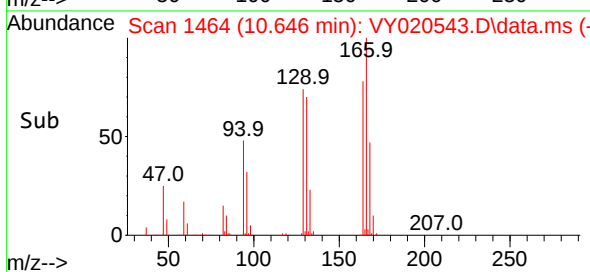
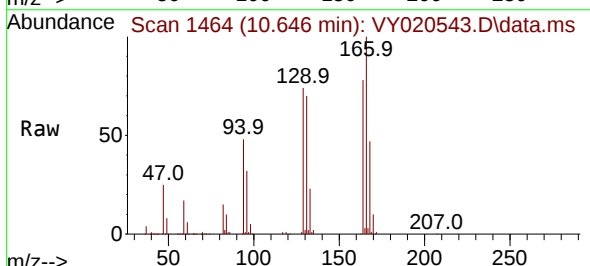
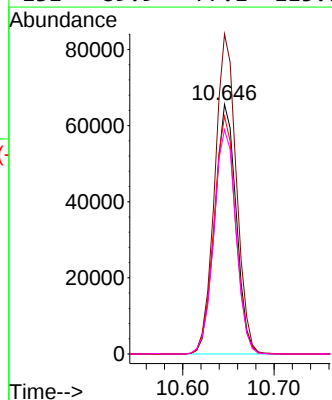
Ion Ratio Lower Upper

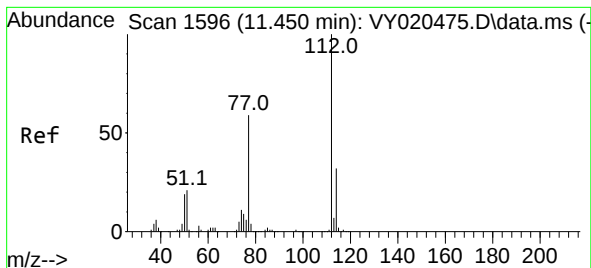
164 100

166 128.2 103.8 155.8

129 95.3 79.0 118.4

131 89.9 77.1 115.7





#65

Chlorobenzene

Concen: 52.402 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

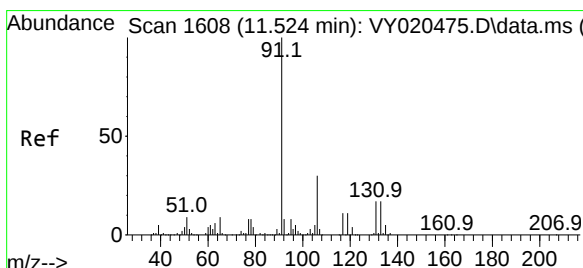
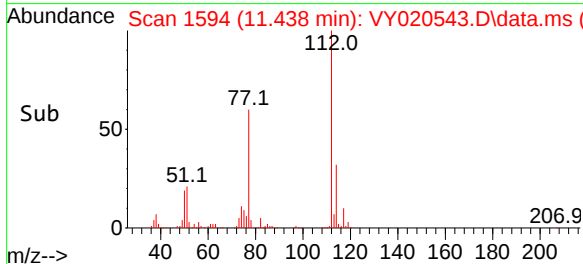
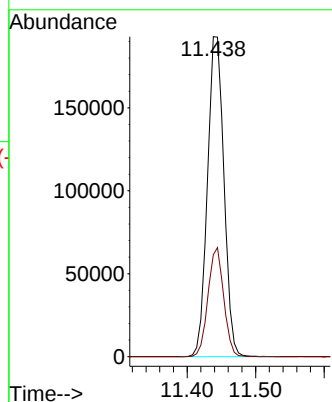
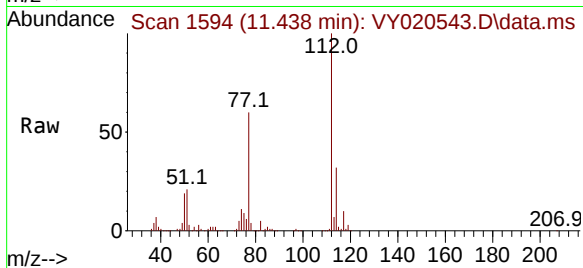
ClientSampleId :

Tgt Ion:112 Resp: 322680

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 52.145 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

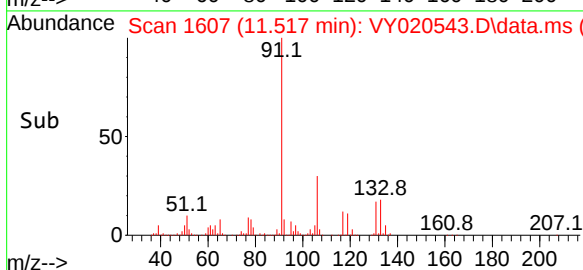
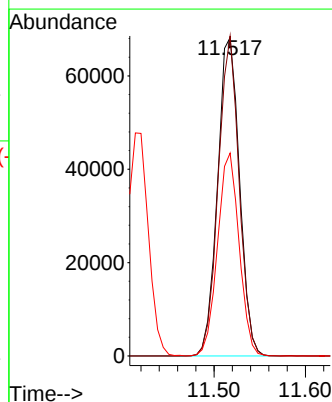
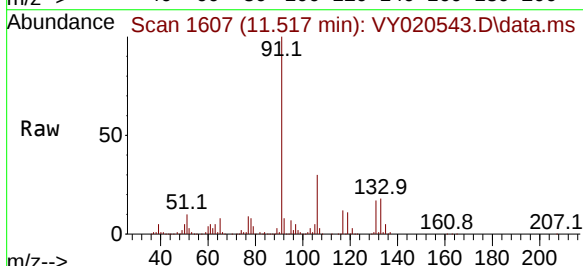
Tgt Ion:131 Resp: 113876

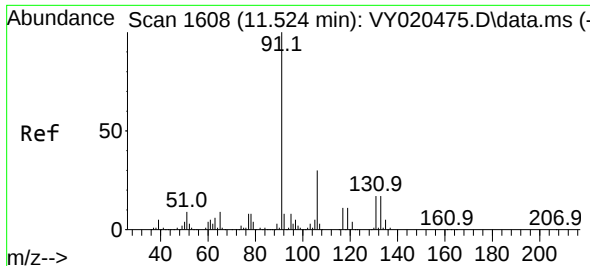
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 62.7 32.5 97.5

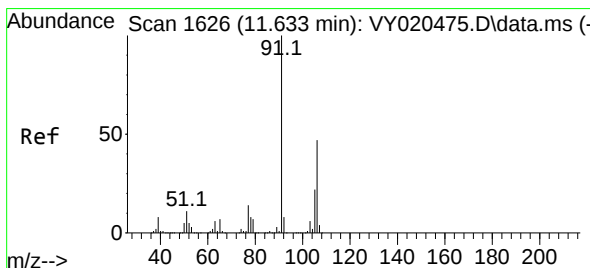
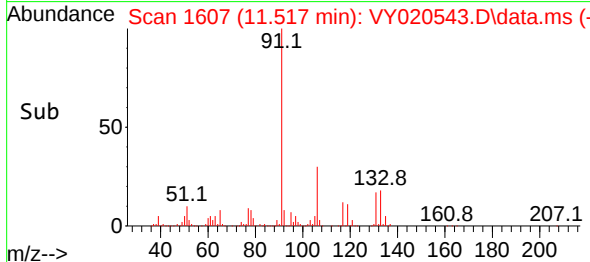
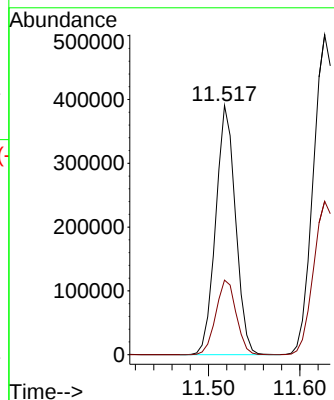
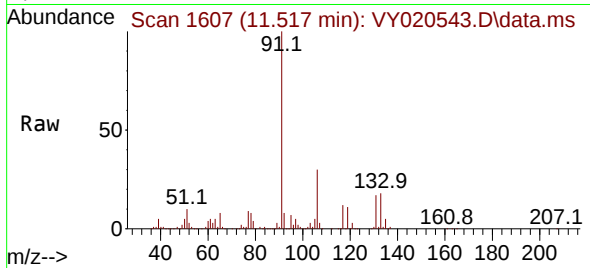




#67
Ethyl Benzene
Concen: 50.983 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

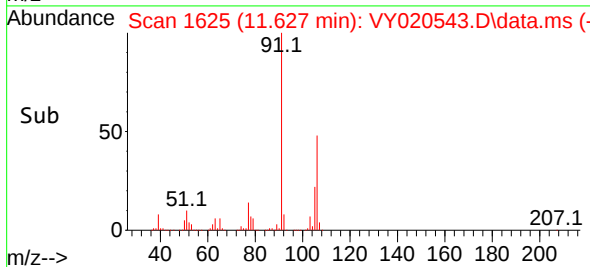
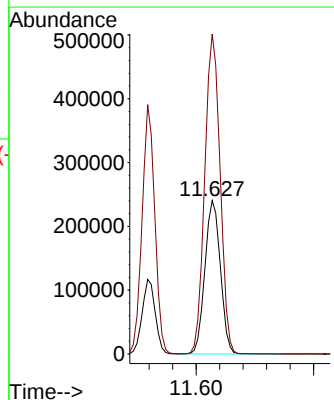
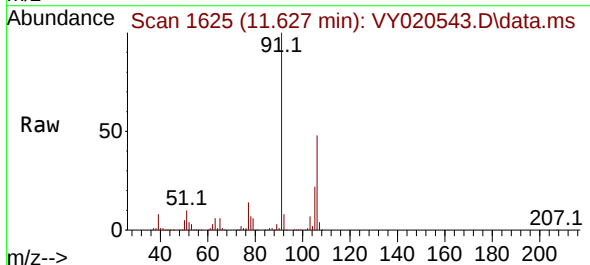
Instrument :
MSVOA_Y
ClientSampleId :

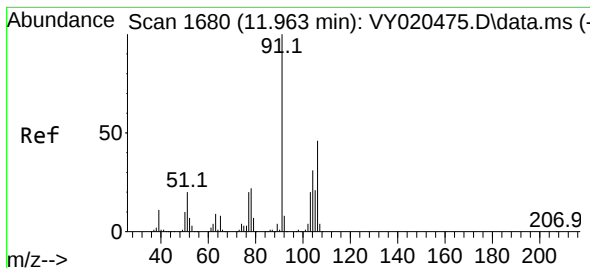
Tgt Ion: 91 Resp: 588460
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9



#68
m/p-Xylenes
Concen: 103.957 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion:106 Resp: 439375
Ion Ratio Lower Upper
106 100
91 207.7 166.0 249.0





#69

o-Xylene

Concen: 52.596 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

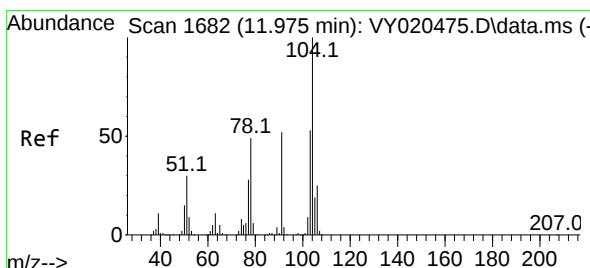
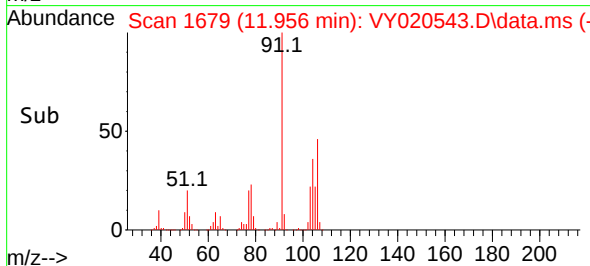
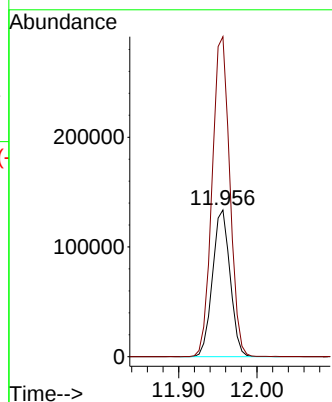
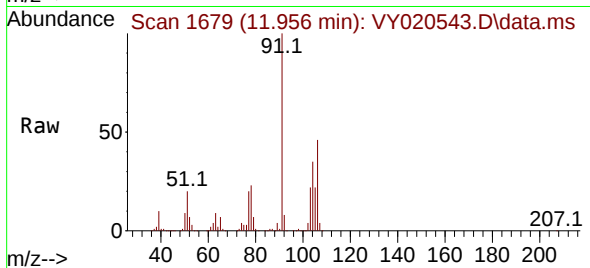
ClientSampleId :

Tgt Ion:106 Resp: 208258

Ion Ratio Lower Upper

106 100

91 219.5 110.0 330.0



#70

Styrene

Concen: 53.288 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

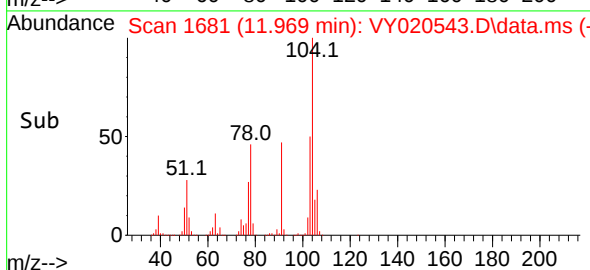
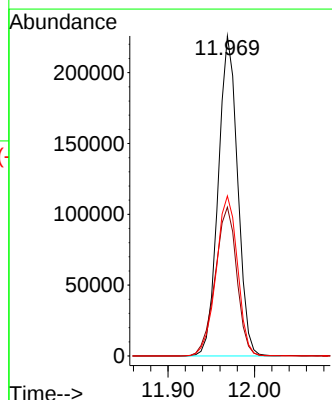
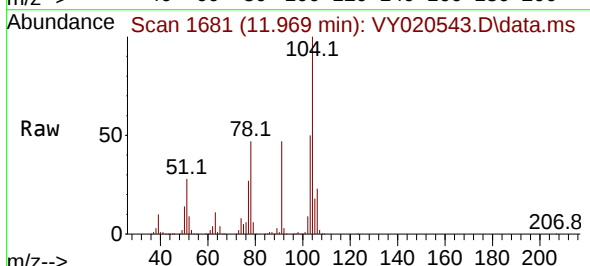
Tgt Ion:104 Resp: 352021

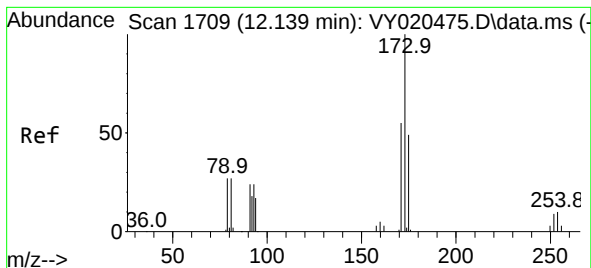
Ion Ratio Lower Upper

104 100

78 51.8 41.4 62.2

103 55.1 44.2 66.4





#71

Bromoform

Concen: 56.619 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

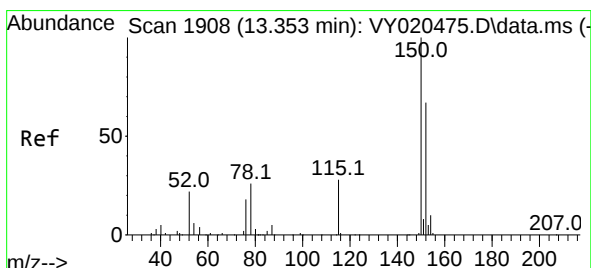
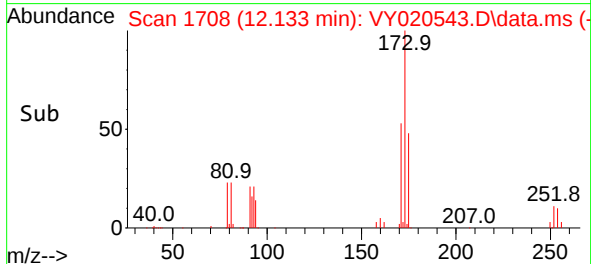
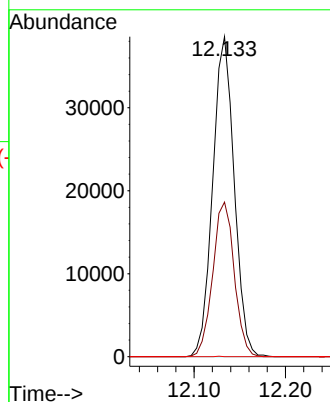
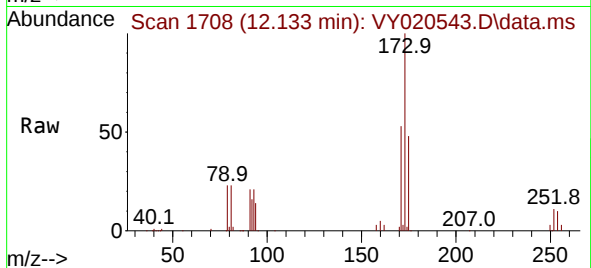
Tgt Ion:173 Resp: 62865

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

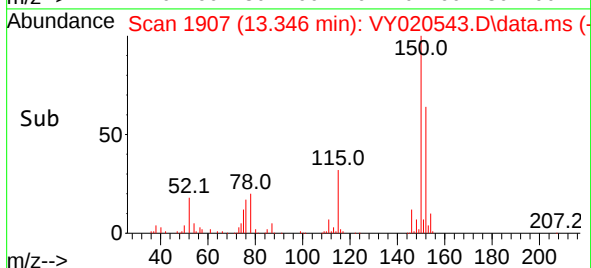
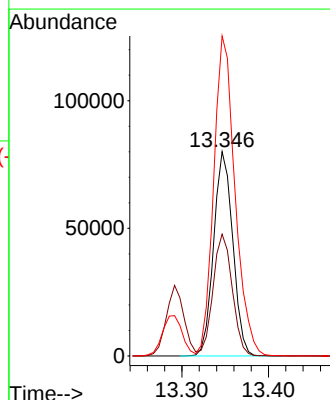
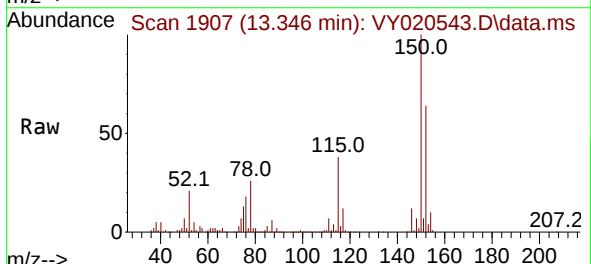
Tgt Ion:152 Resp: 123034

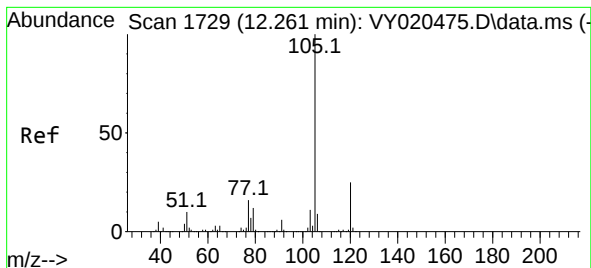
Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 174.0 0.0 348.2





#73

Isopropylbenzene

Concen: 47.097 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

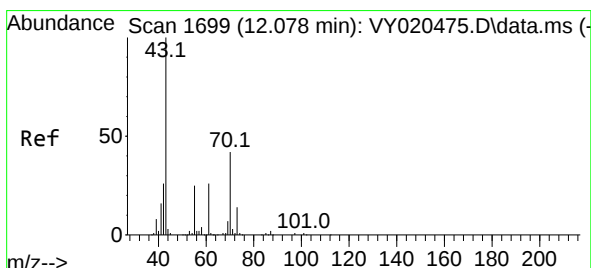
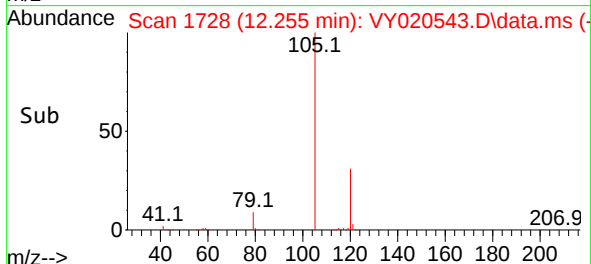
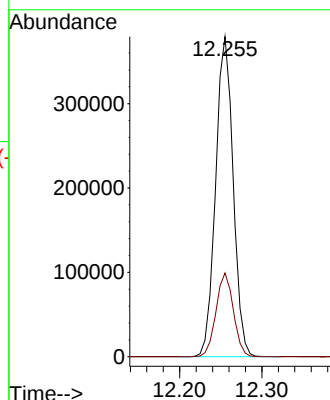
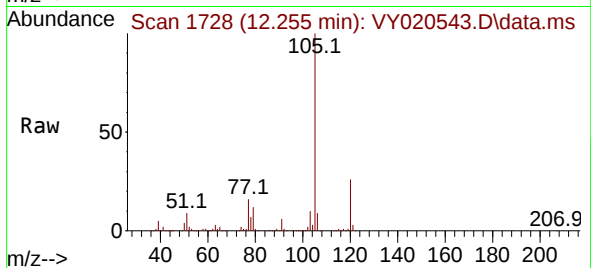
ClientSampleId :

Tgt Ion:105 Resp: 560657

Ion Ratio Lower Upper

105 100

120 25.9 12.7 38.1



#74

N-ethyl acetate

Concen: 52.403 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Tgt Ion: 43 Resp: 122266

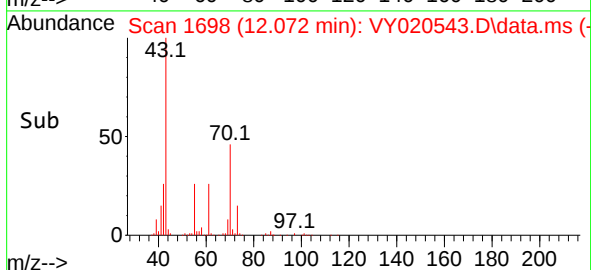
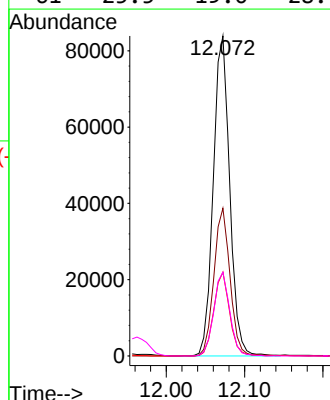
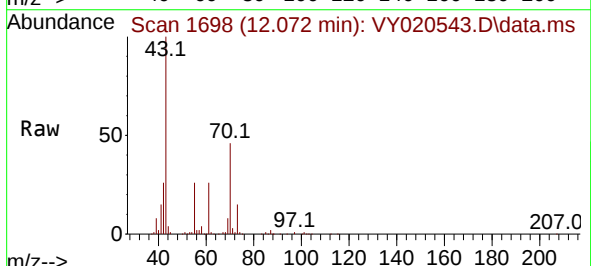
Ion Ratio Lower Upper

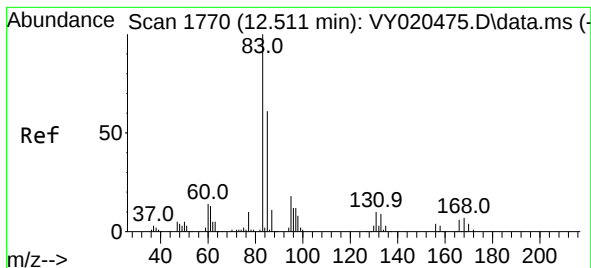
43 100

70 45.5 32.9 49.3

55 25.3 19.3 28.9

61 25.5 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.439 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

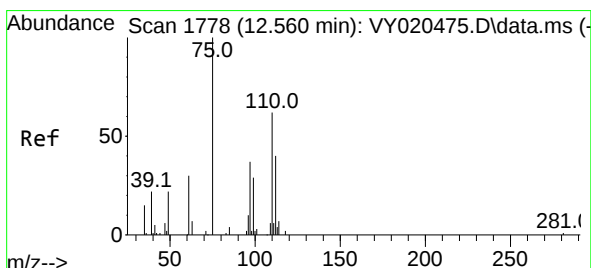
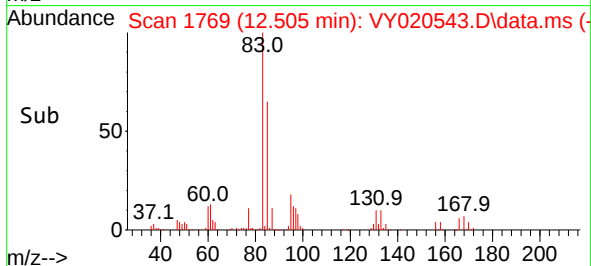
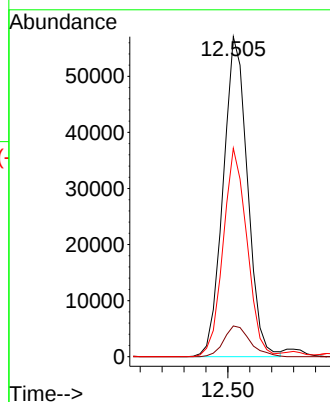
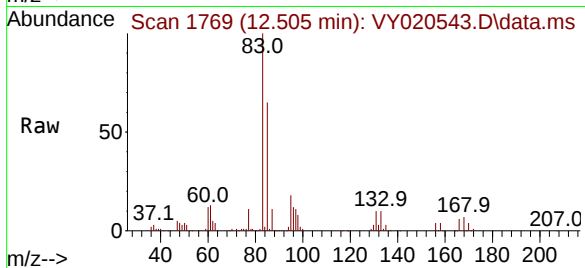
Tgt Ion: 83 Resp: 88059

Ion Ratio Lower Upper

83 100

131 10.4 4.8 14.4

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 93.100 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020543.D

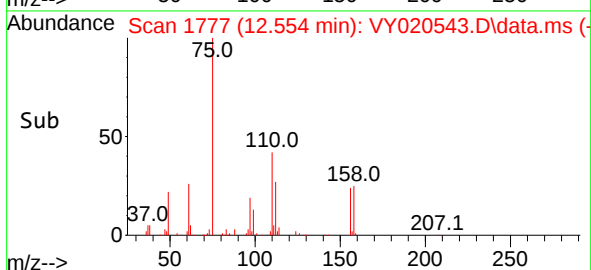
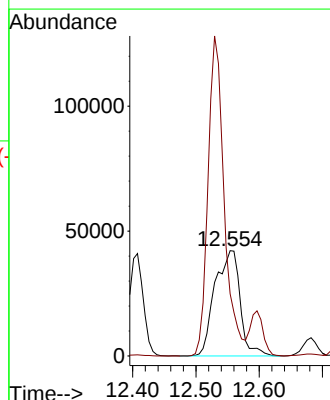
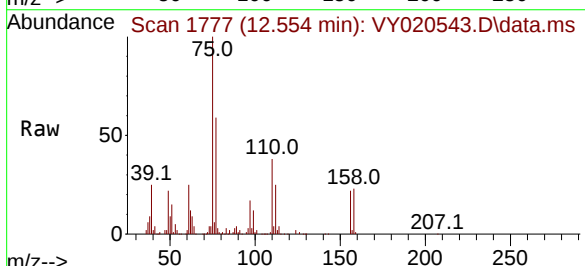
Acq: 06 Dec 2024 17:50

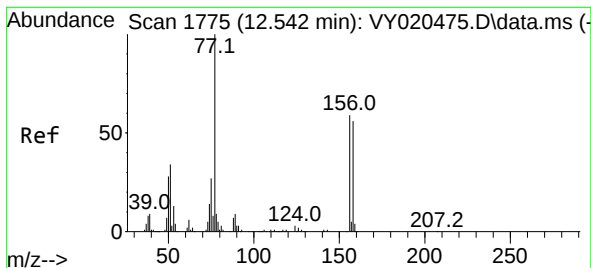
Tgt Ion: 75 Resp: 116685

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.697 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

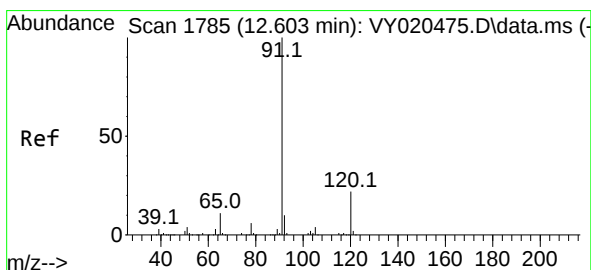
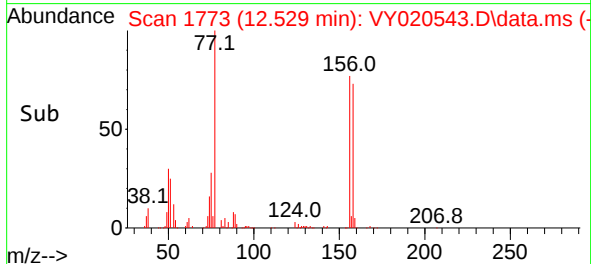
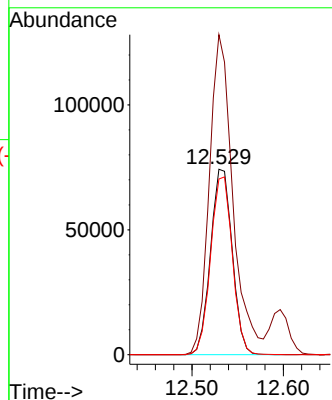
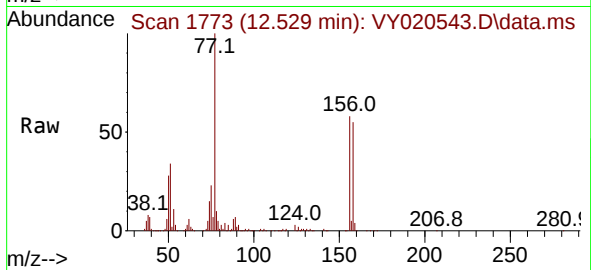
Tgt Ion:156 Resp: 122515

Ion Ratio Lower Upper

156 100

77 186.7 97.2 291.6

158 96.1 47.8 143.4



#78

n-propylbenzene

Concen: 47.099 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY020543.D

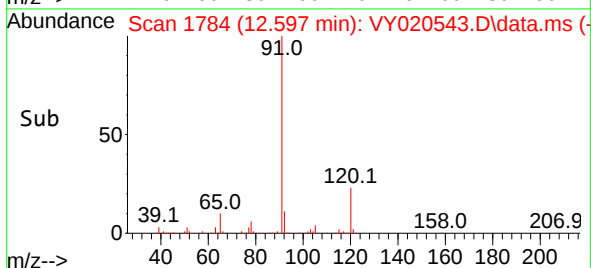
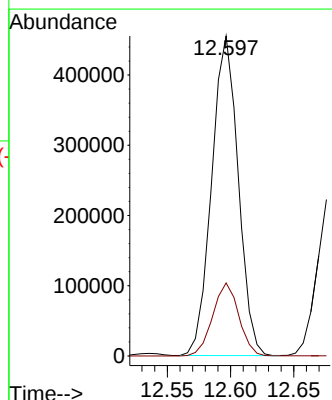
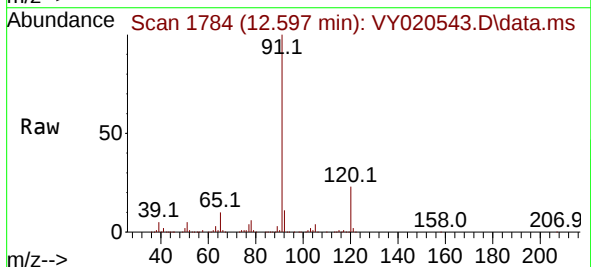
Acq: 06 Dec 2024 17:50

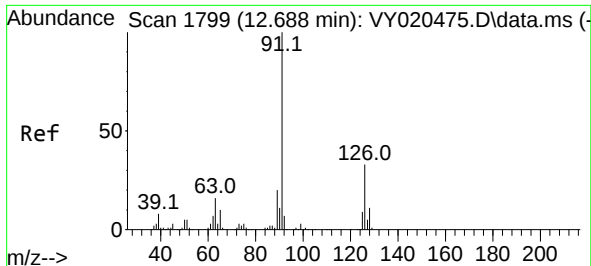
Tgt Ion: 91 Resp: 663818

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.6

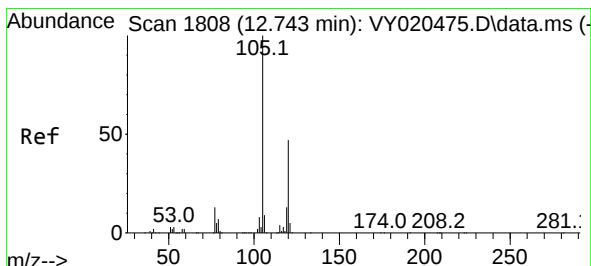
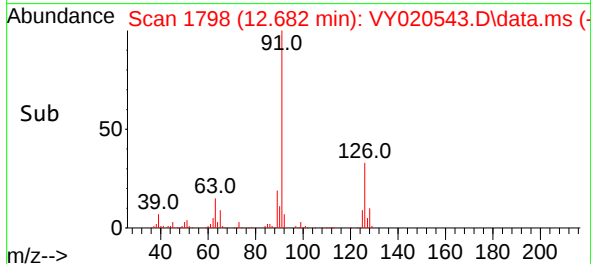
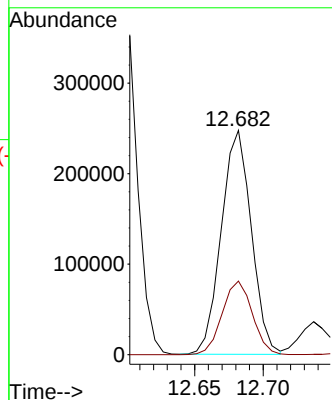
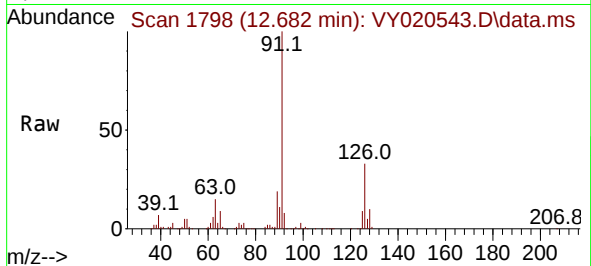




#79
2-Chlorotoluene
Concen: 47.521 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

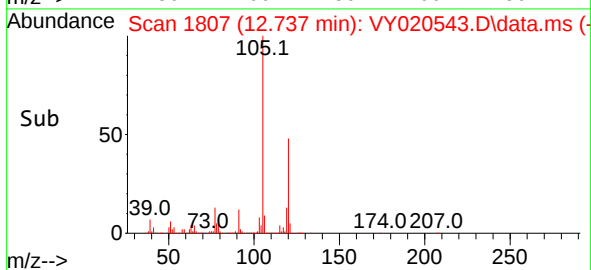
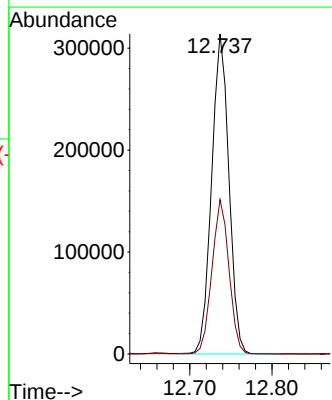
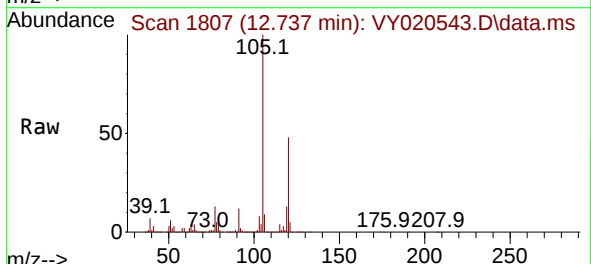
Instrument :
MSVOA_Y
ClientSampleId :

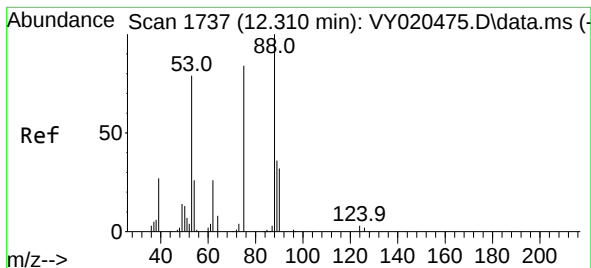
Tgt Ion: 91 Resp: 377931
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 47.979 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 105 Resp: 457707
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8

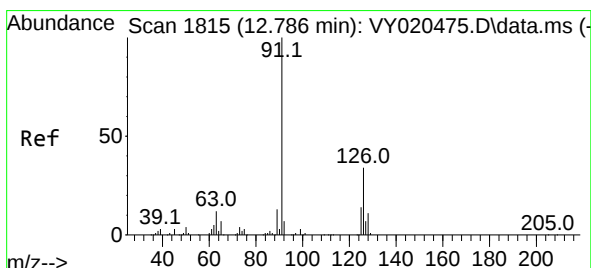
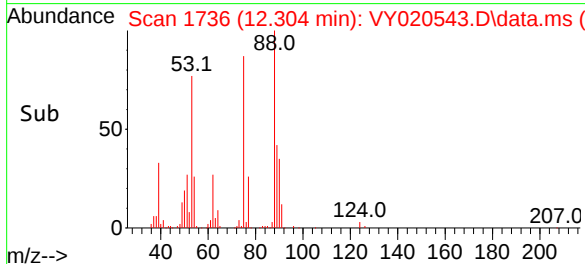
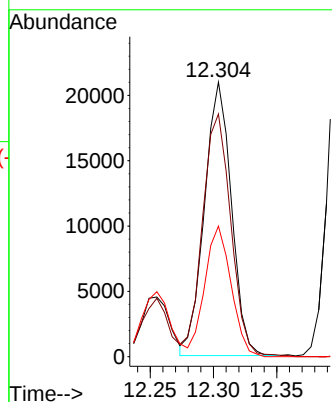
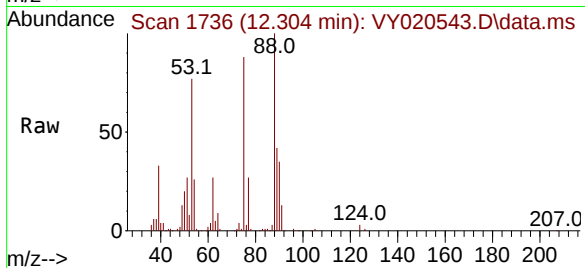




#81
trans-1,4-Dichloro-2-butene
Concen: 50.813 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

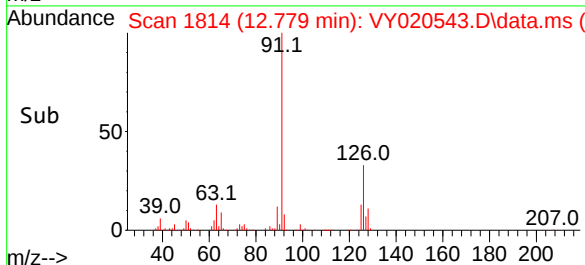
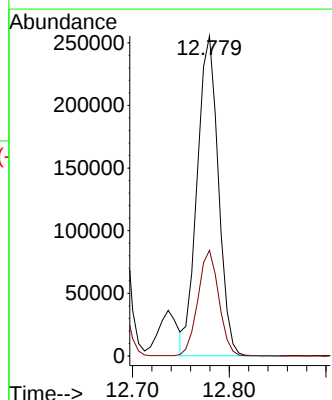
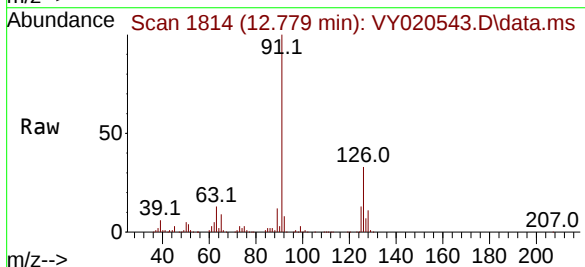
Instrument :
MSVOA_Y
ClientSampleId :

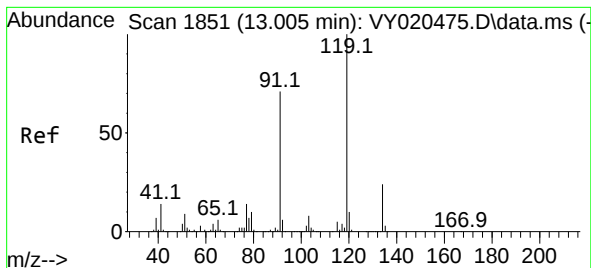
Tgt Ion: 75 Resp: 31038
Ion Ratio Lower Upper
75 100
53 93.4 81.1 121.7
89 46.6 35.1 52.7



#82
4-Chlorotoluene
Concen: 47.917 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020543.D
Acq: 06 Dec 2024 17:50

Tgt Ion: 91 Resp: 388893
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.8





#83

tert-Butylbenzene

Concen: 48.084 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

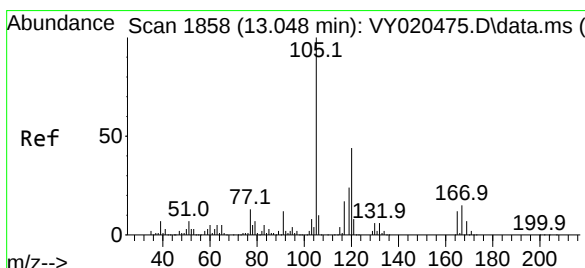
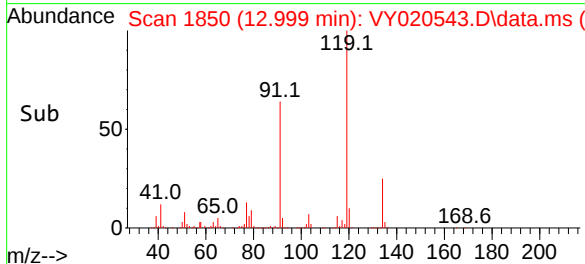
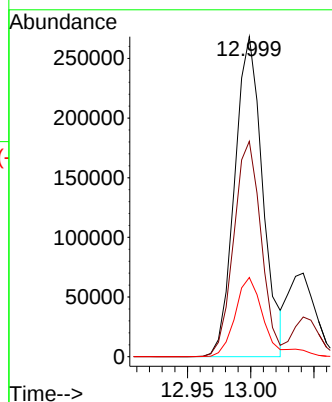
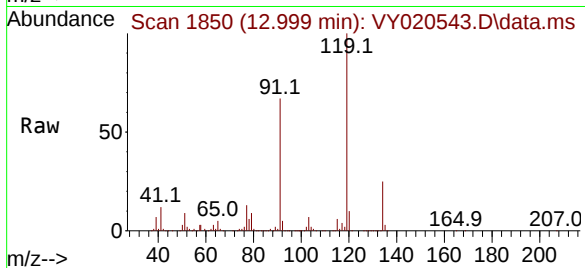
Tgt Ion:119 Resp: 414718

Ion Ratio Lower Upper

119 100

91 65.8 33.3 99.9

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.765 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020543.D

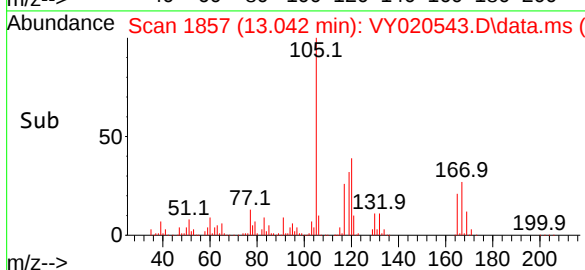
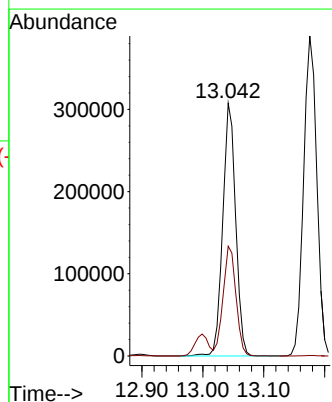
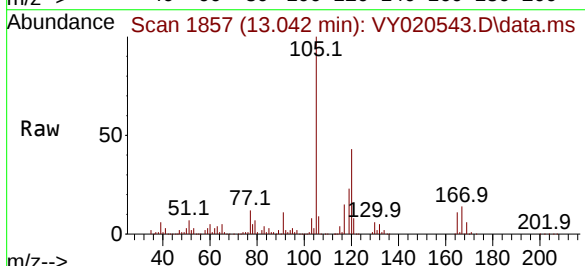
Acq: 06 Dec 2024 17:50

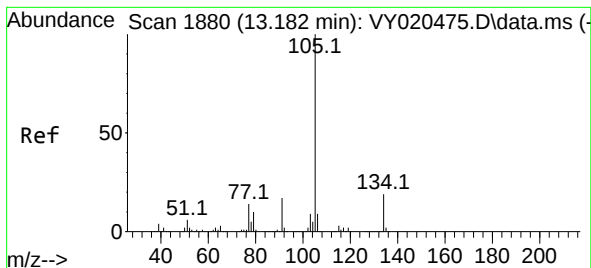
Tgt Ion:105 Resp: 452161

Ion Ratio Lower Upper

105 100

120 43.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 47.302 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

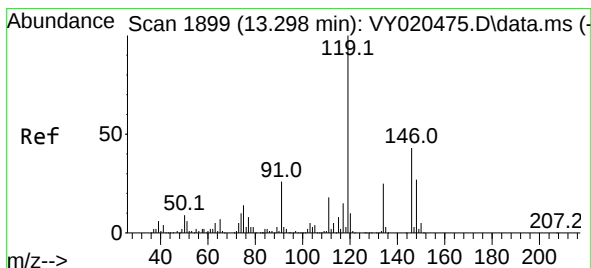
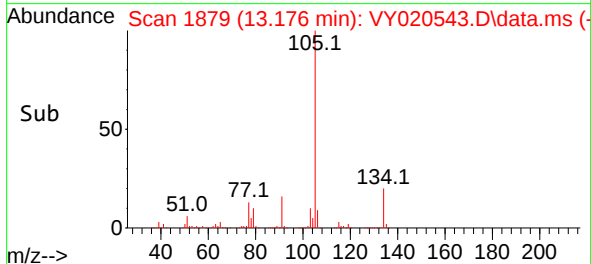
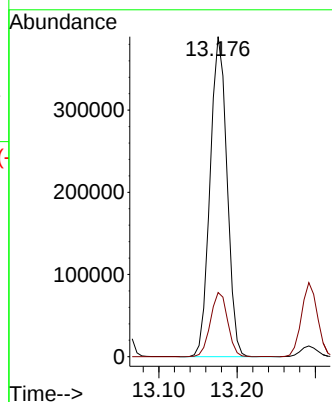
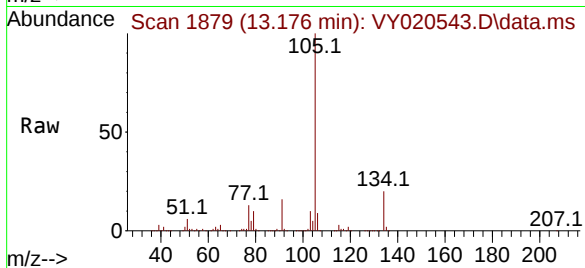
ClientSampleId :

Tgt Ion:105 Resp: 584671

Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.5



#86

p-Isopropyltoluene

Concen: 48.236 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

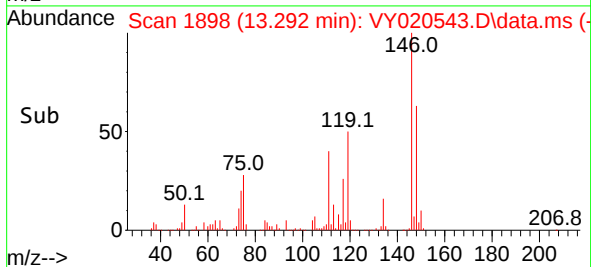
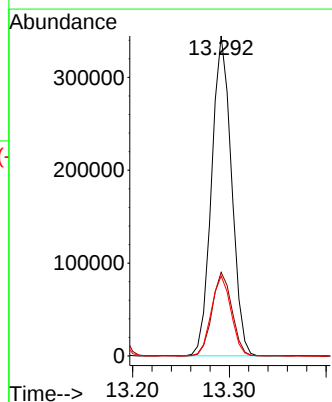
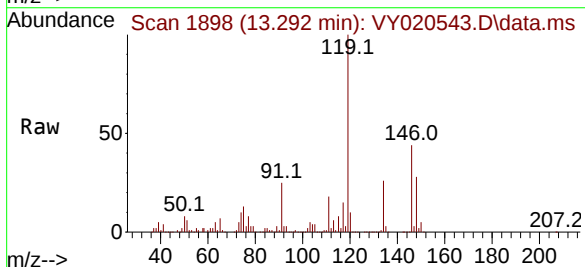
Tgt Ion:119 Resp: 492697

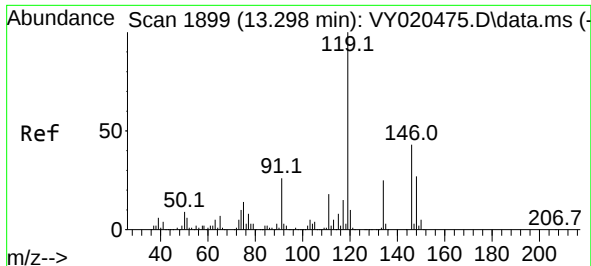
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 24.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 50.029 ug/l

RT: 13.292 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

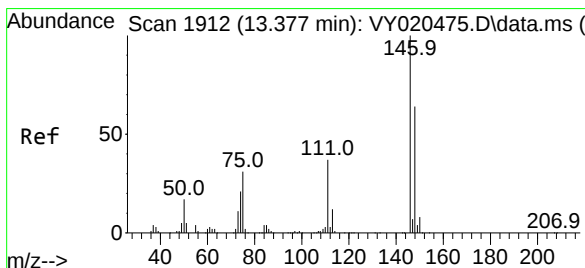
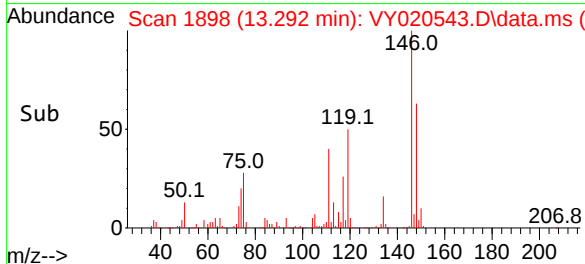
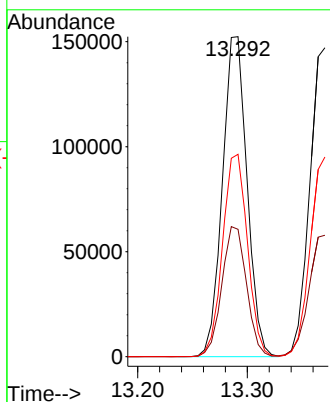
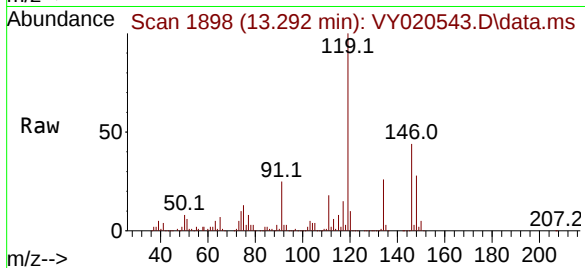
Tgt Ion:146 Resp: 237854

Ion Ratio Lower Upper

146 100

111 40.8 20.5 61.6

148 63.9 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 49.858 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

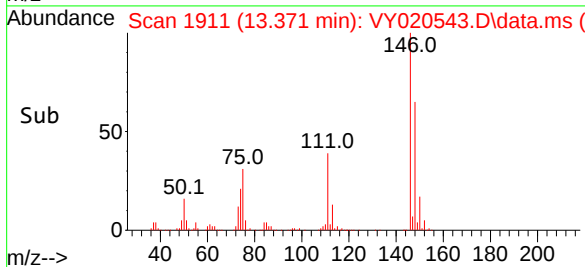
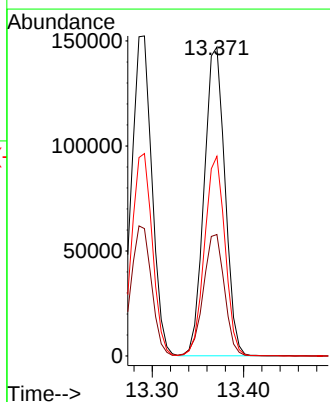
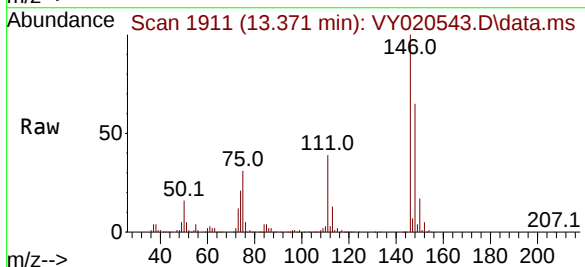
Tgt Ion:146 Resp: 232056

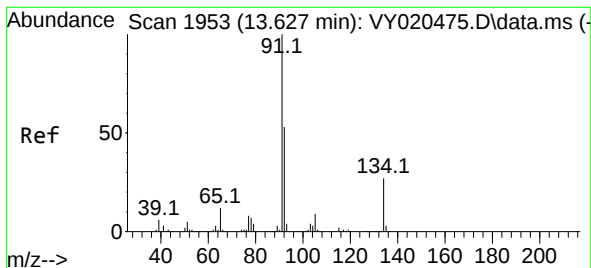
Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.6

148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 48.010 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

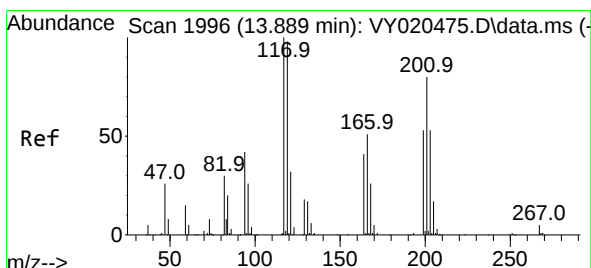
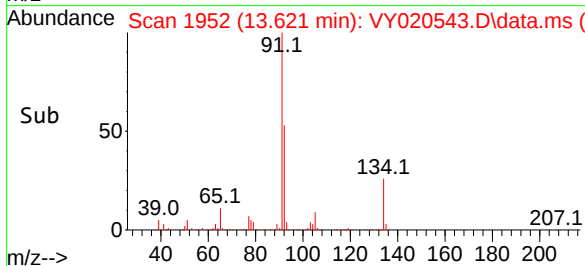
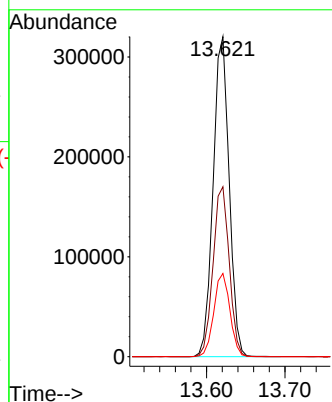
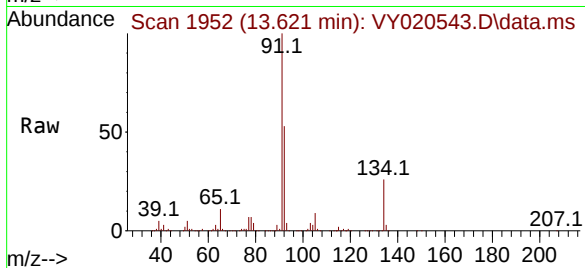
Tgt Ion: 91 Resp: 454821

Ion Ratio Lower Upper

91 100

92 53.7 26.5 79.5

134 26.2 12.2 36.4



#90

Hexachloroethane

Concen: 47.662 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020543.D

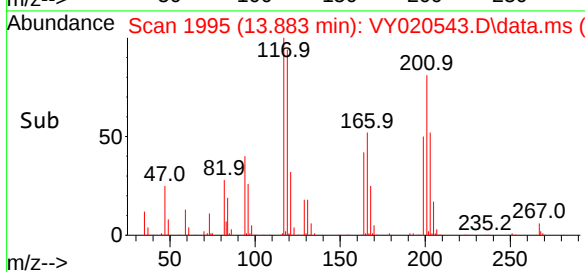
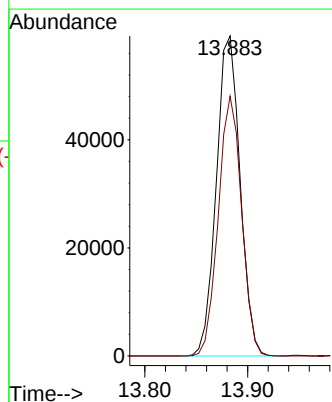
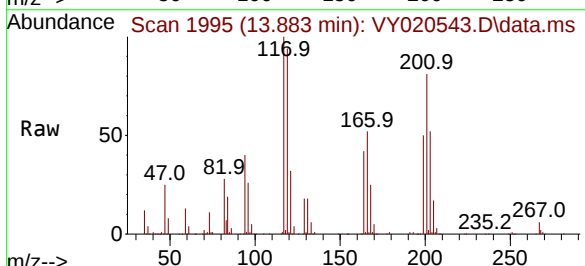
Acq: 06 Dec 2024 17:50

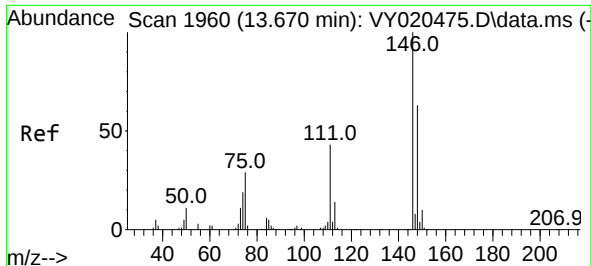
Tgt Ion: 117 Resp: 94876

Ion Ratio Lower Upper

117 100

201 79.8 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 51.477 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

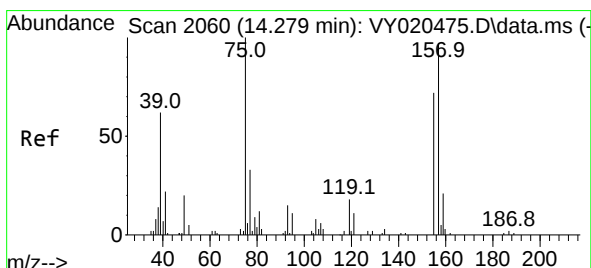
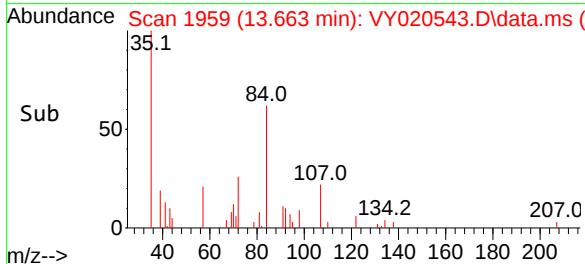
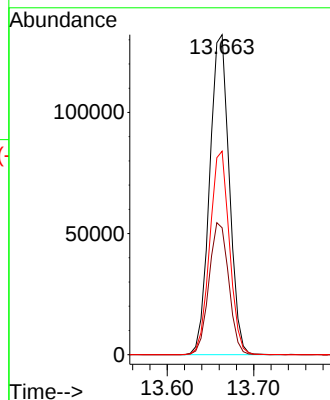
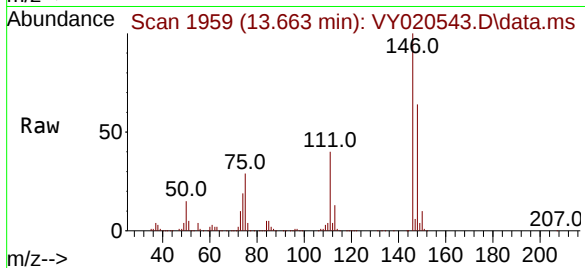
Tgt Ion:146 Resp: 207547

Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.5

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.514 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

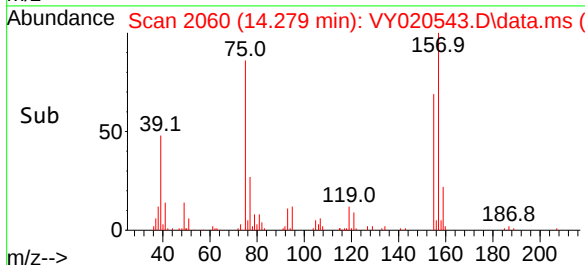
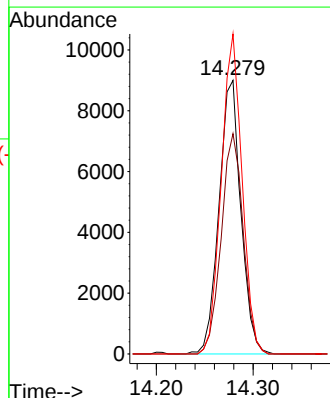
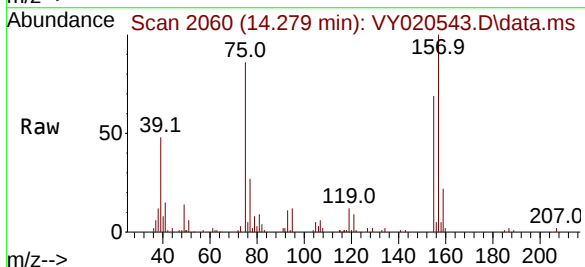
Tgt Ion: 75 Resp: 14128

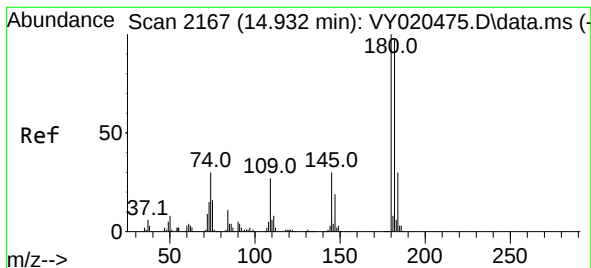
Ion Ratio Lower Upper

75 100

155 80.8 39.7 119.1

157 110.9 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 56.390 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.012 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

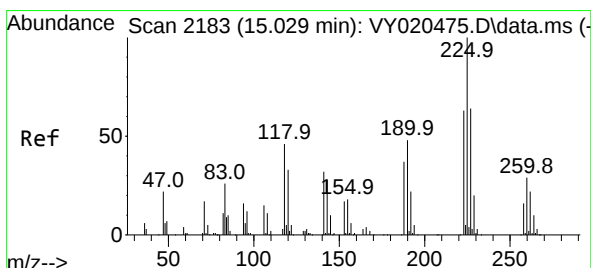
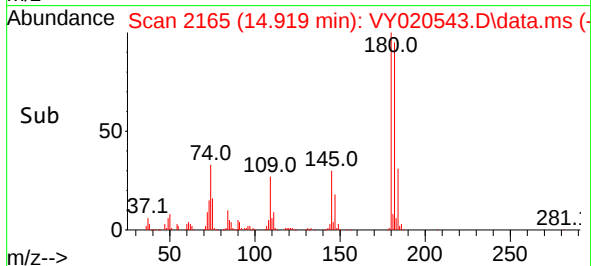
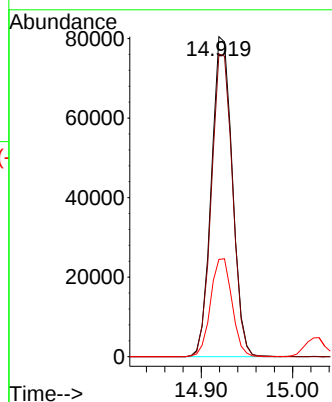
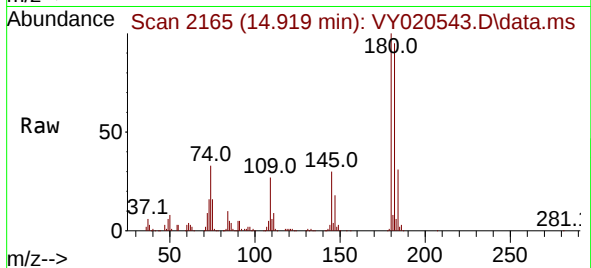
Tgt Ion:180 Resp: 127844

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.8

145 31.3 15.8 47.3



#94

Hexachlorobutadiene

Concen: 51.551 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

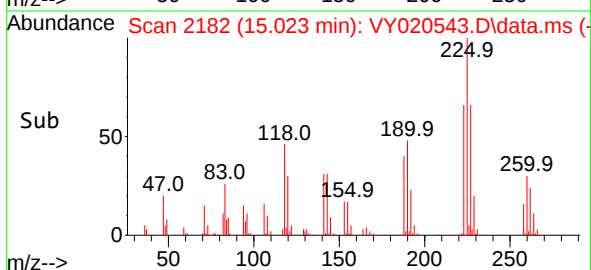
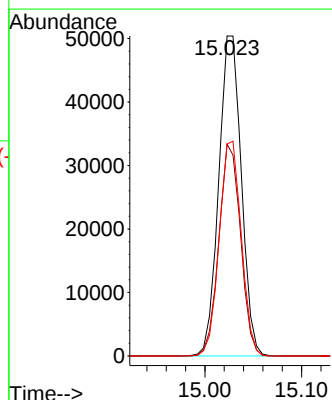
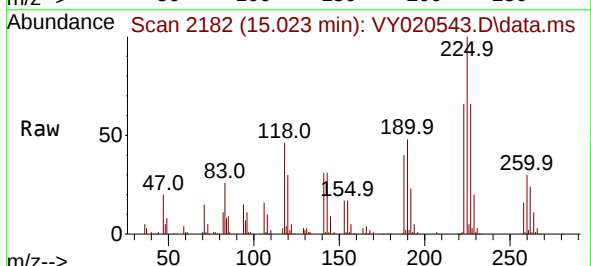
Tgt Ion:225 Resp: 81762

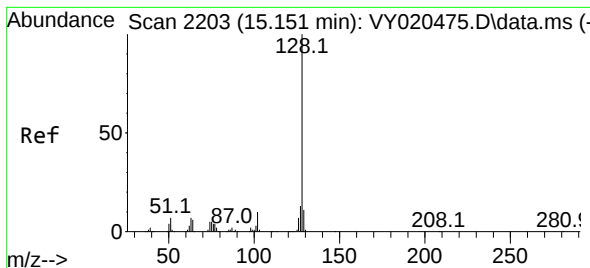
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.5

227 65.2 32.3 96.8





#95

Naphthalene

Concen: 60.301 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

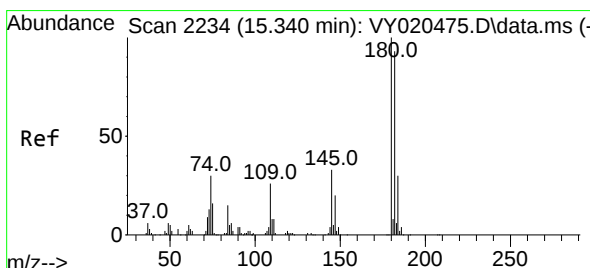
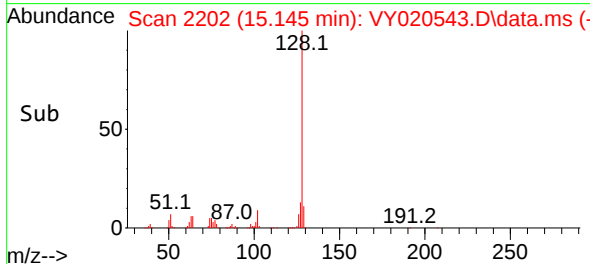
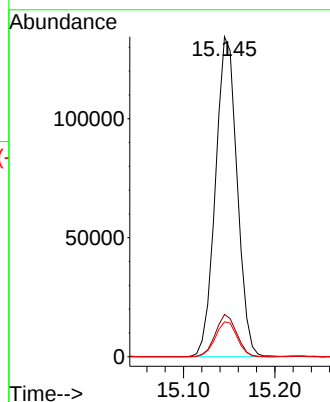
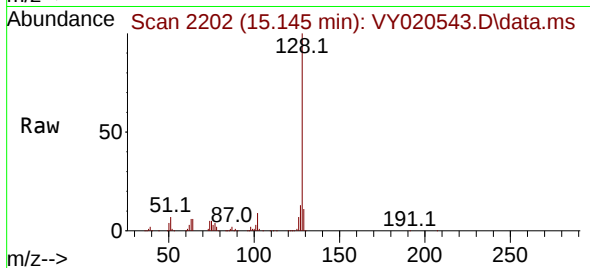
Tgt Ion:128 Resp: 221227

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.807 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020543.D

Acq: 06 Dec 2024 17:50

Tgt Ion:180 Resp: 107580

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 33.6 16.9 50.6

