

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020749.D
 Acq On : 27 Dec 2024 19:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 03:07:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	131204	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	194081	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	171433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	91108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70404	65.512	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.020%	
35) Dibromofluoromethane	7.634	113	64822	60.637	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.280%	
50) Toluene-d8	10.109	98	248088	58.070	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.140%	
62) 4-Bromofluorobenzene	12.407	95	87622	61.675	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 123.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	50042	48.456	ug/l	93
3) Chloromethane	2.074	50	23525	61.080	ug/l	98
4) Vinyl Chloride	2.208	62	25748	53.957	ug/l	97
5) Bromomethane	2.598	94	19713	54.713	ug/l	93
6) Chloroethane	2.738	64	15655	54.686	ug/l	99
7) Trichlorofluoromethane	3.062	101	86104	46.920	ug/l	100
8) Diethyl Ether	3.464	74	27357	62.648	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	53384	52.989	ug/l	99
10) Methyl Iodide	4.013	142	61694	56.001	ug/l	94
11) Tert butyl alcohol	4.866	59	21396	324.830	ug/l #	96
12) 1,1-Dichloroethene	3.799	96	48362	53.933	ug/l	97
13) Acrolein	3.659	56	4714	209.833	ug/l	98
14) Allyl chloride	4.391	41	64972	61.917	ug/l	88
15) Acrylonitrile	5.061	53	57132	338.675	ug/l	97
16) Acetone	3.872	43	39873	292.466	ug/l	99
17) Carbon Disulfide	4.116	76	126635	57.570	ug/l	100
18) Methyl Acetate	4.385	43	28521	77.296	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	146442	58.592	ug/l	94
20) Methylene Chloride	4.622	84	52898	59.657	ug/l	94
21) trans-1,2-Dichloroethene	5.128	96	54785	56.696	ug/l	96
22) Diisopropyl ether	6.024	45	138924	65.126	ug/l	95
23) Vinyl Acetate	5.963	43	409978	321.771	ug/l	96
24) 1,1-Dichloroethane	5.915	63	92821	58.038	ug/l	96
25) 2-Butanone	6.896	43	63621	345.457	ug/l	94
26) 2,2-Dichloropropane	6.890	77	95288	48.678	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	65967	57.007	ug/l	98
28) Bromochloromethane	7.250	49	28845	68.201	ug/l	97
29) Tetrahydrofuran	7.268	42	40783	360.771	ug/l	96
30) Chloroform	7.427	83	111211	54.055	ug/l	94
31) Cyclohexane	7.701	56	73345	53.129	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	111180	50.414	ug/l	100
36) 1,1-Dichloropropene	7.841	75	71730	50.796	ug/l	99
37) Ethyl Acetate	6.988	43	30057	64.593	ug/l	98
38) Carbon Tetrachloride	7.823	117	107799	46.359	ug/l	99
39) Methylcyclohexane	9.109	83	94222	52.058	ug/l	98
40) Benzene	8.085	78	222888	54.462	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	13733	58.425	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	69024	52.598	ug/l	98
43) Isopropyl Acetate	8.201	43	61458	62.137	ug/l	98
44) Trichloroethene	8.865	130	62427	51.071	ug/l	90
45) 1,2-Dichloropropane	9.140	63	49127	59.302	ug/l	99
46) Dibromomethane	9.231	93	32071	55.951	ug/l	96
47) Bromodichloromethane	9.426	83	85206	52.432	ug/l	94
48) Methyl methacrylate	9.219	41	28612	61.946	ug/l	94
49) 1,4-Dioxane	9.231	88	7343	1344.883	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	154217	323.038	ug/l	99
52) Toluene	10.170	92	148677	53.005	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	78583	55.057	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	87250	55.769	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	42105	57.546	ug/l	97
56) Ethyl methacrylate	10.438	69	58779	61.150	ug/l	95
57) 1,3-Dichloropropane	10.719	76	70058	58.995	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	106637	318.139	ug/l	97
59) 2-Hexanone	10.761	43	104509	331.562	ug/l	99
60) Dibromochloromethane	10.914	129	64044	54.170	ug/l	100
61) 1,2-Dibromoethane	11.017	107	39502	57.377	ug/l	99
64) Tetrachloroethene	10.646	164	56887	48.570	ug/l	99
65) Chlorobenzene	11.444	112	171927	51.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	65782	50.582	ug/l	98
67) Ethyl Benzene	11.523	91	299860	51.110	ug/l	99
68) m/p-Xylenes	11.633	106	226733	101.311	ug/l	99
69) o-Xylene	11.956	106	109428	51.177	ug/l	99
70) Styrene	11.975	104	188839	52.609	ug/l	97
71) Bromoform	12.133	173	40078	53.603	ug/l #	99
73) Isopropylbenzene	12.255	105	299051	47.377	ug/l	100
74) N-amyl acetate	12.072	43	53726	59.896	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	46363	57.296	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	64354	111.059	ug/l #	100
77) Bromobenzene	12.535	156	71910	49.490	ug/l	98
78) n-propylbenzene	12.596	91	344011	48.626	ug/l	99
79) 2-Chlorotoluene	12.682	91	198143	49.130	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	251572	47.837	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16596	56.611	ug/l	92
82) 4-Chlorotoluene	12.779	91	204685	49.108	ug/l	98
83) tert-Butylbenzene	12.999	119	230960	47.027	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	250778	49.003	ug/l	98
85) sec-Butylbenzene	13.176	105	319577	48.282	ug/l	100
86) p-Isopropyltoluene	13.291	119	282749	47.933	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	138363	48.722	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	139532	49.392	ug/l	97
89) n-Butylbenzene	13.621	91	241705	49.087	ug/l	98
90) Hexachloroethane	13.883	117	53324	47.540	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	122565	50.335	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8078	51.471	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	78794	50.910	ug/l	99
94) Hexachlorobutadiene	15.029	225	53265	47.221	ug/l	99
95) Naphthalene	15.151	128	135621	54.711	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	66785	51.825	ug/l	99

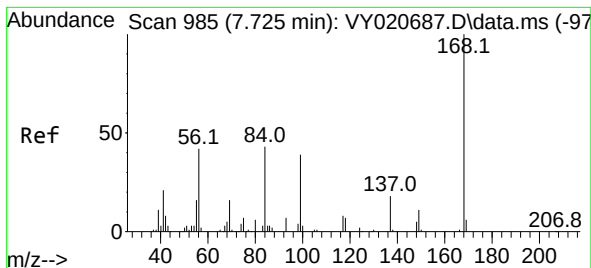
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

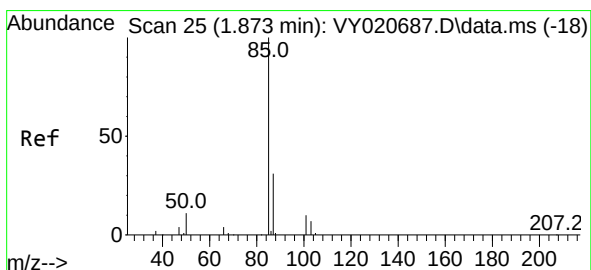
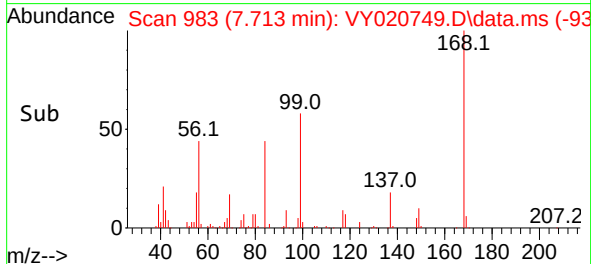
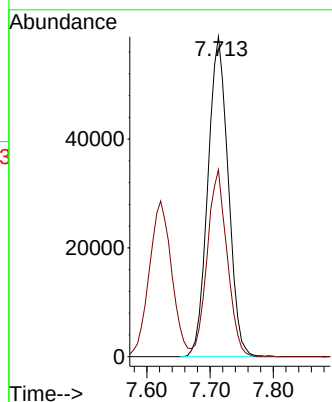
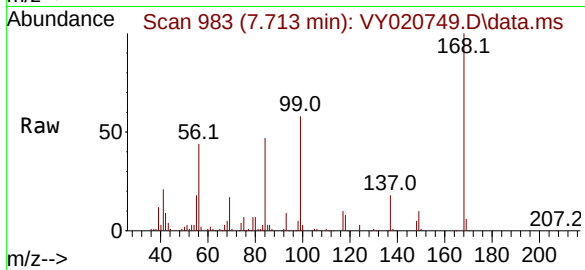
ClientSampleId :

Tgt Ion:168 Resp: 131204

Ion Ratio Lower Upper

168 100

99 58.4 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 48.456 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.006 min

Lab File: VY020749.D

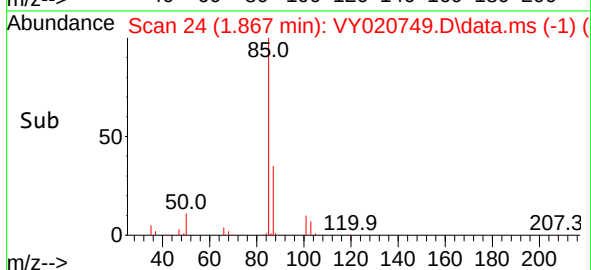
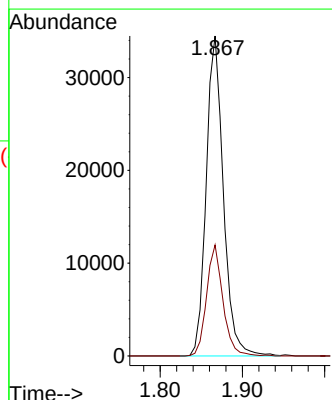
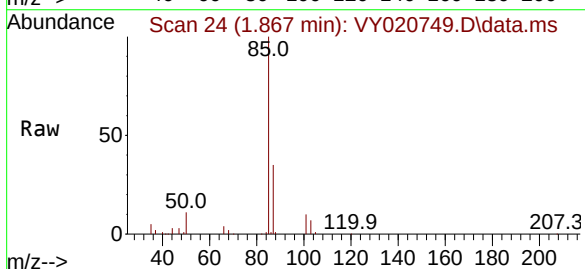
Acq: 27 Dec 2024 19:04

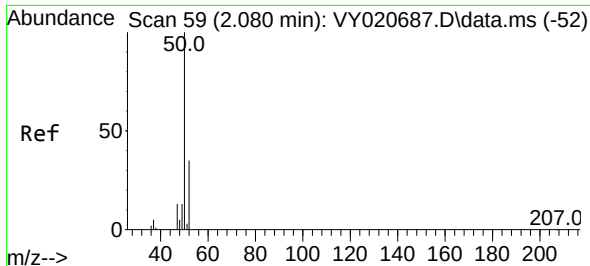
Tgt Ion: 85 Resp: 50042

Ion Ratio Lower Upper

85 100

87 34.7 15.4 46.4

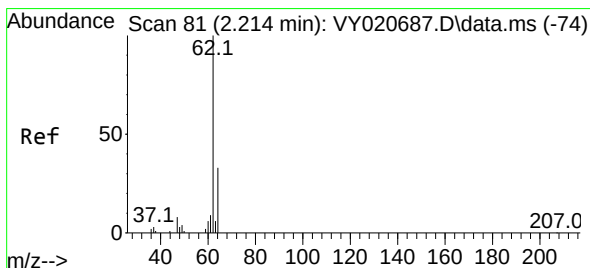
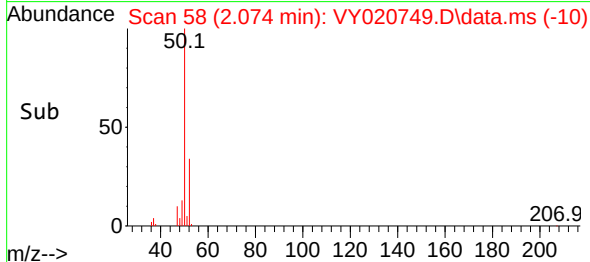
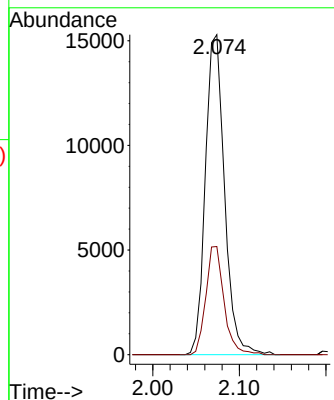
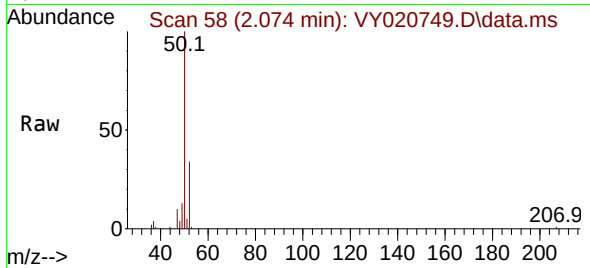




#3
Chloromethane
Concen: 61.080 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

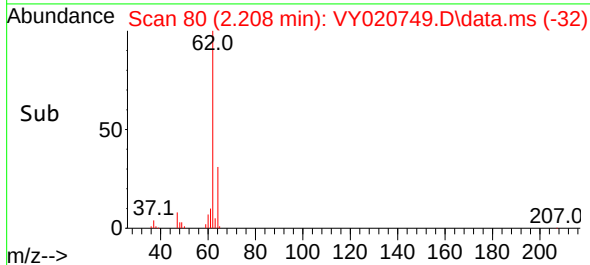
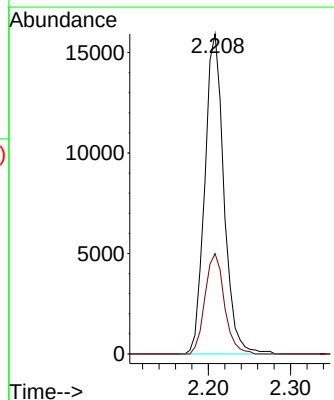
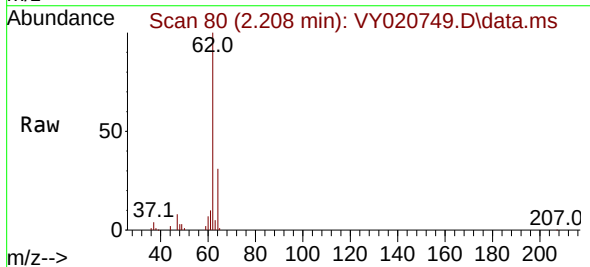
Instrument :
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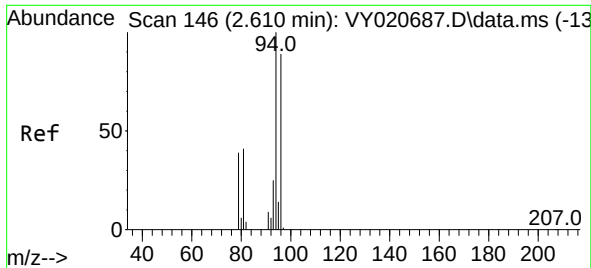
Tgt Ion: 50 Resp: 23525
Ion Ratio Lower Upper
50 100
52 33.8 28.2 42.2



#4
Vinyl Chloride
Concen: 53.957 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion: 62 Resp: 25748
Ion Ratio Lower Upper
62 100
64 31.4 26.6 40.0

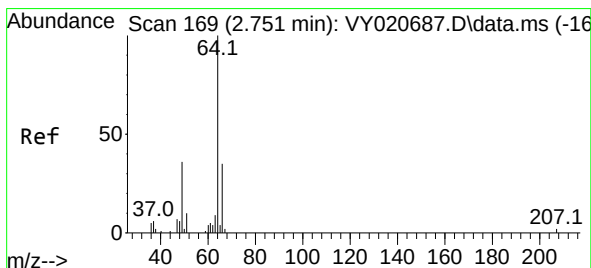
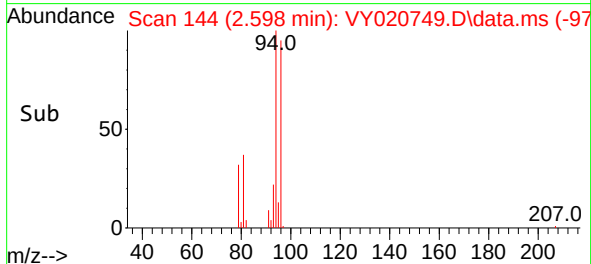
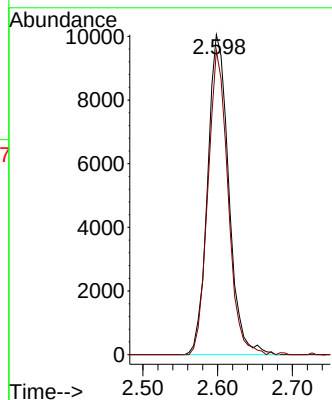
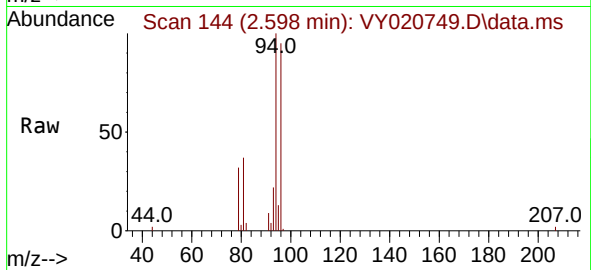




#5
Bromomethane
Concen: 54.713 ug/l
RT: 2.598 min Scan# 146
Delta R.T. -0.012 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

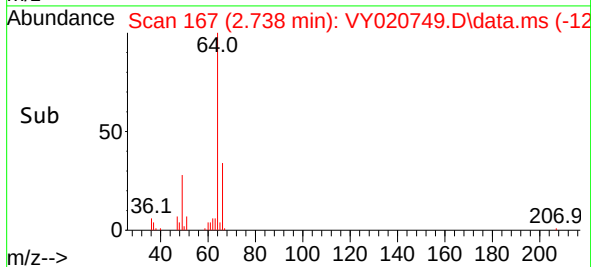
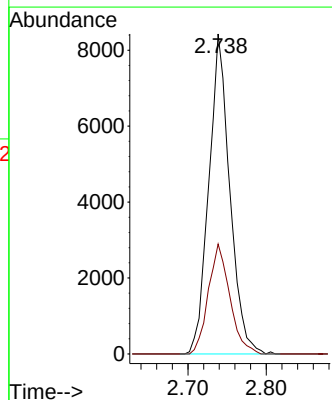
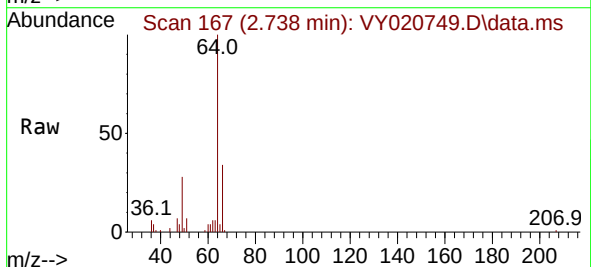
Instrument :
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ClientSampleId :

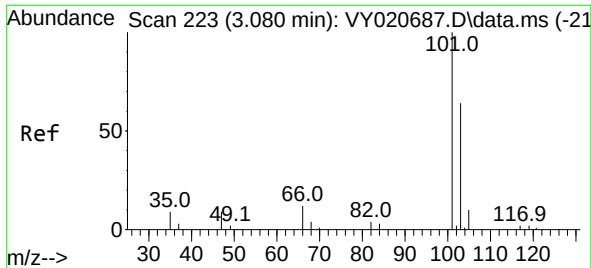
Tgt Ion: 94 Resp: 19713
Ion Ratio Lower Upper
94 100
96 95.0 71.0 106.6



#6
Chloroethane
Concen: 54.686 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.013 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion: 64 Resp: 15655
Ion Ratio Lower Upper
64 100
66 34.4 27.8 41.8

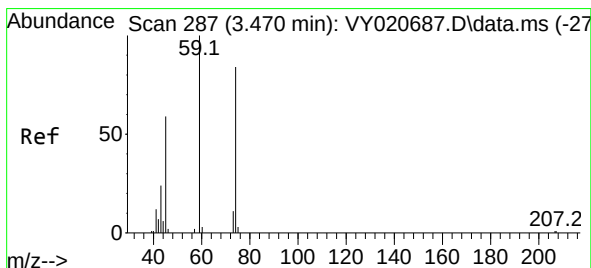
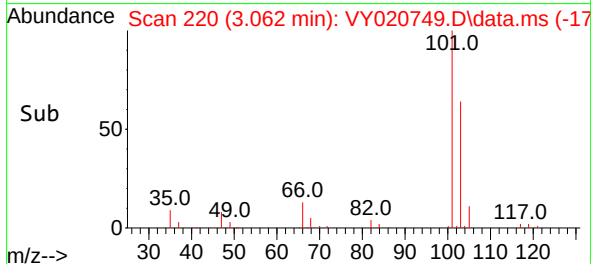
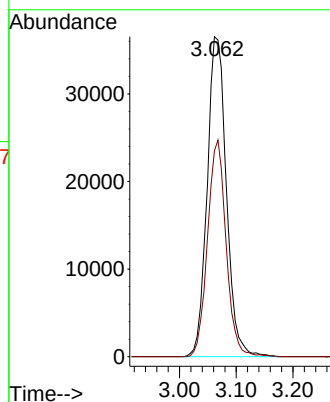
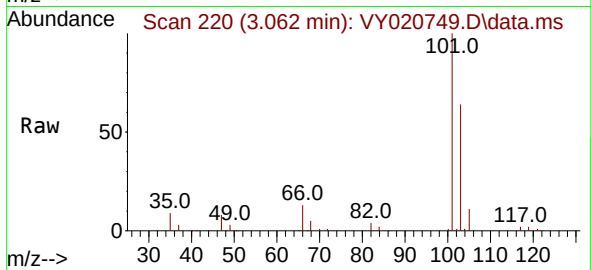




#7
Trichlorofluoromethane
Concen: 46.920 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY020749.D
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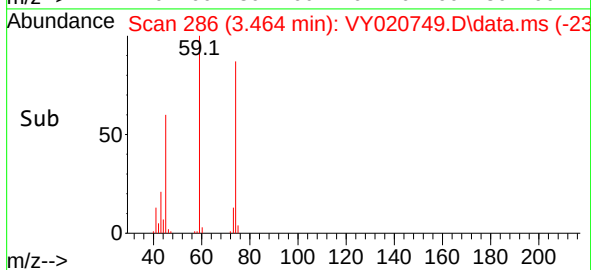
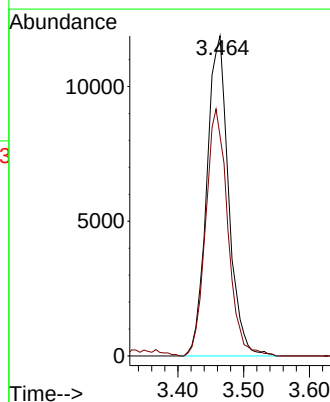
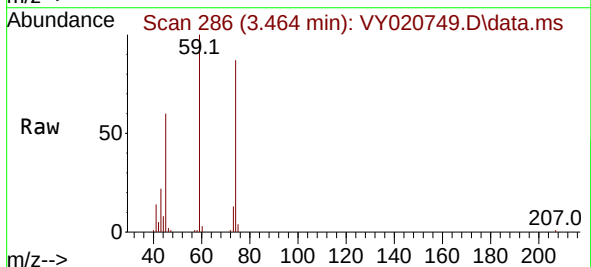
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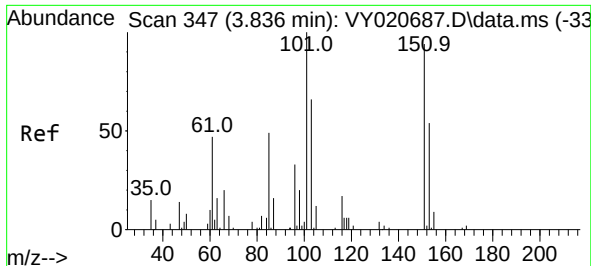
Tgt Ion:101 Resp: 86104
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0



#8
Diethyl Ether
Concen: 62.648 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

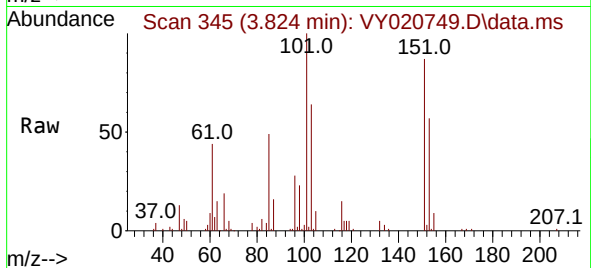
Tgt Ion: 74 Resp: 27357
Ion Ratio Lower Upper
74 100
45 78.3 35.8 107.4



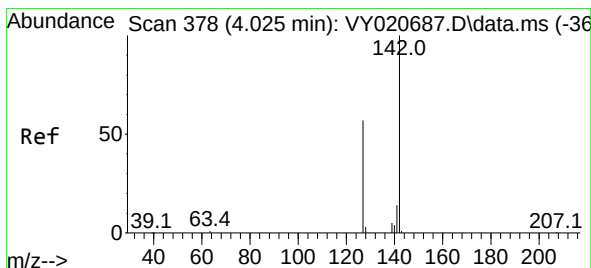
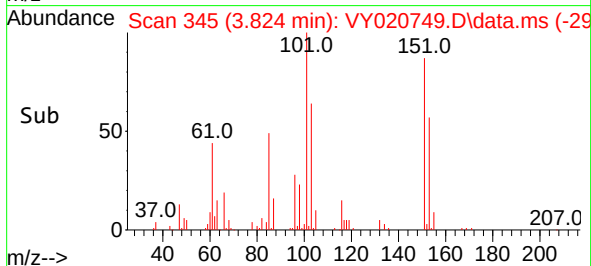
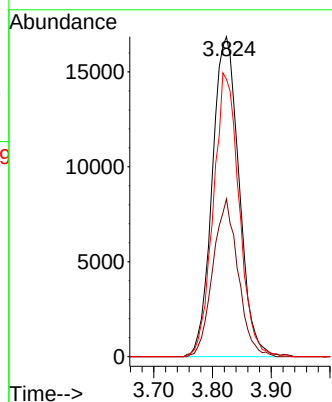


#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.989 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.012 min
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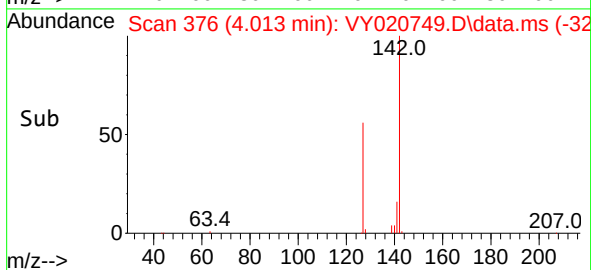
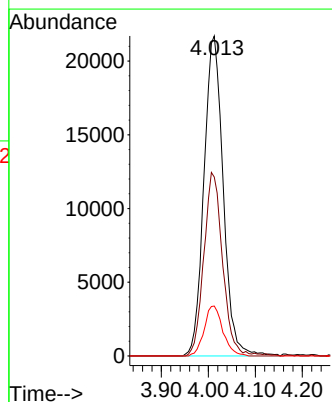
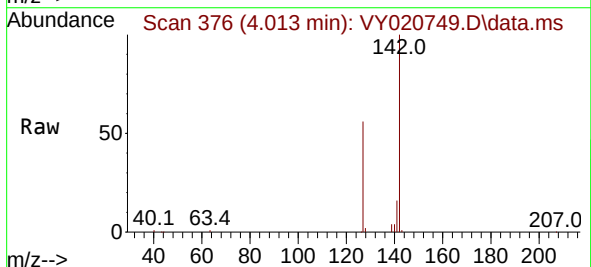


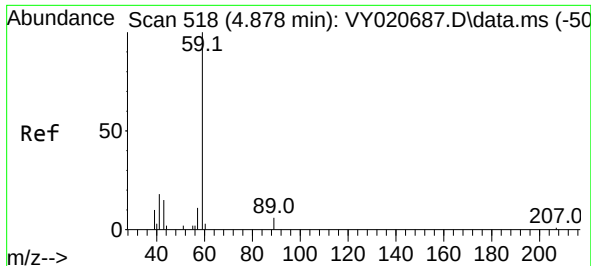
Tgt Ion:101 Resp: 53384
Ion Ratio Lower Upper
101 100
85 46.4 38.2 57.2
151 85.5 68.4 102.6



#10
Methyl Iodide
Concen: 56.001 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.012 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

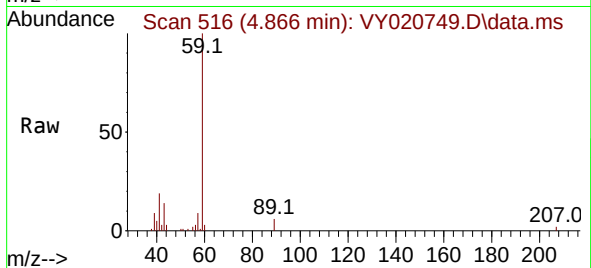
Tgt Ion:142 Resp: 61694
Ion Ratio Lower Upper
142 100
127 55.5 48.8 73.2
141 15.1 11.9 17.9



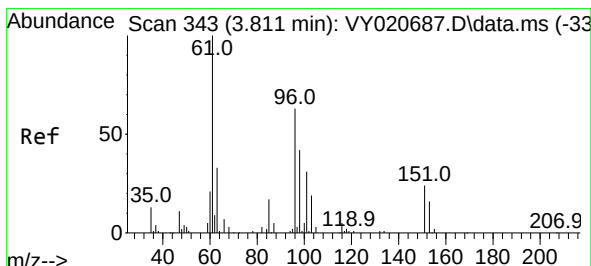
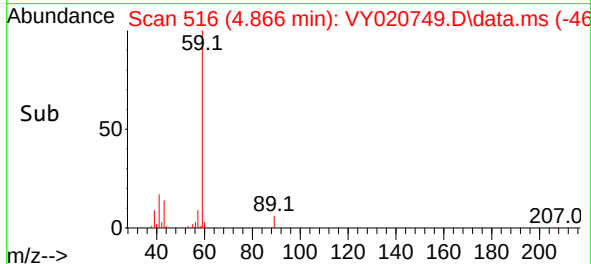
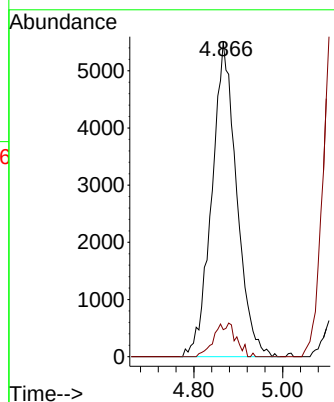


#11
Tert butyl alcohol
Concen: 324.830 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Instrument :
MSVOA_Y
ClientSampleId :

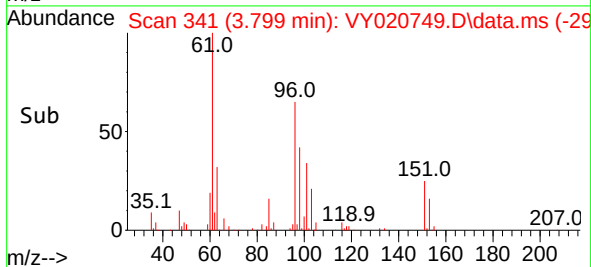
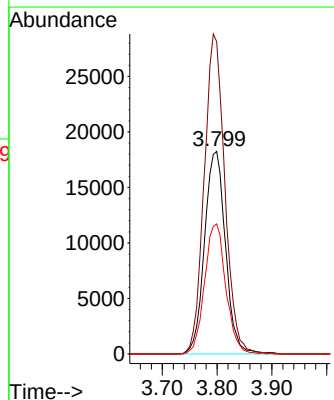
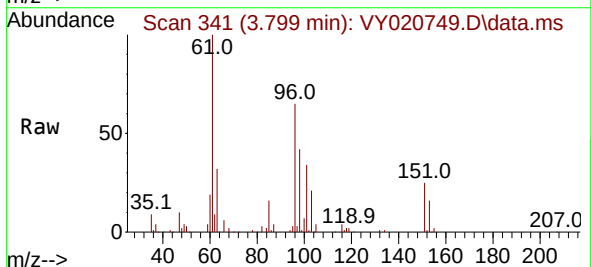


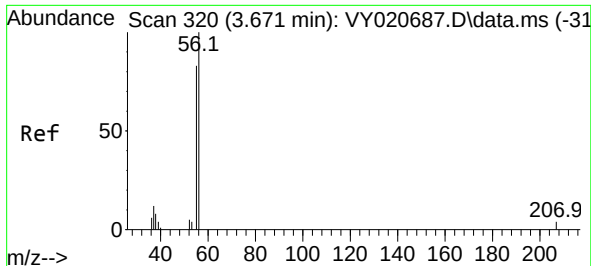
Tgt Ion: 59 Resp: 21396
Ion Ratio Lower Upper
59 100
57 4.7 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 53.933 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

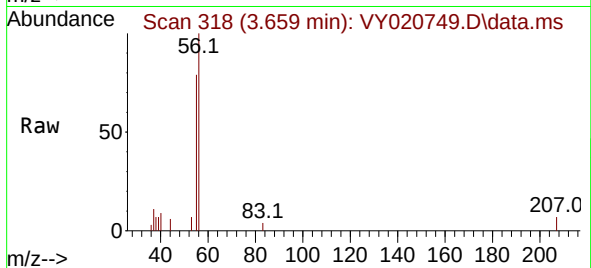
Tgt Ion: 96 Resp: 48362
Ion Ratio Lower Upper
96 100
61 154.2 127.1 190.7
98 64.2 53.4 80.0



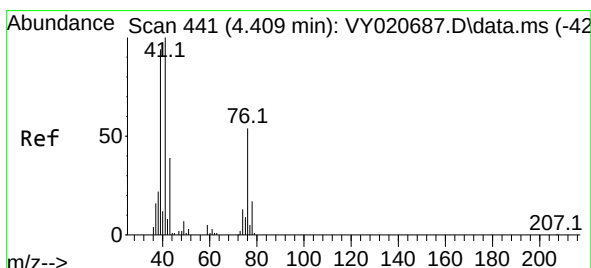
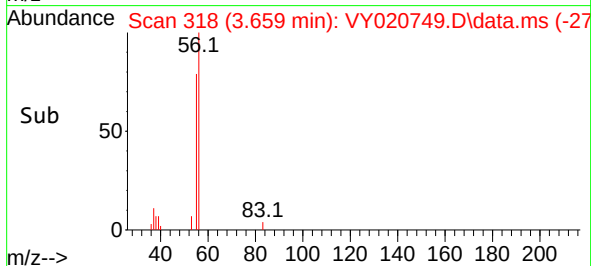
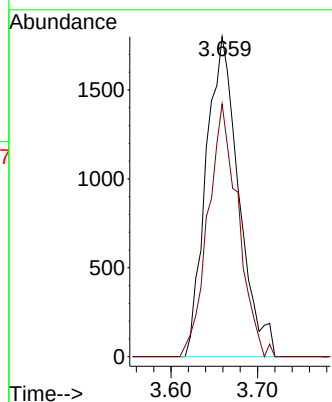


#13
Acrolein
Concen: 209.833 ug/l
RT: 3.659 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Instrument :
MSVOA_Y
ClientSampleId :

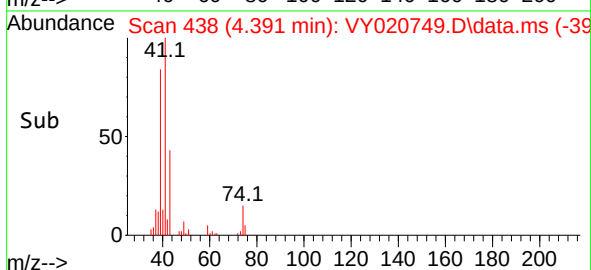
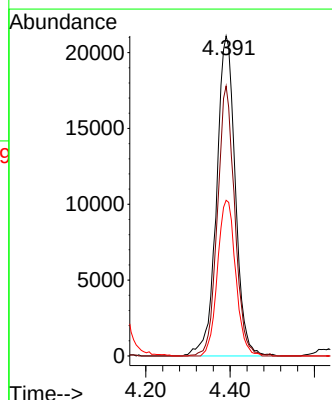
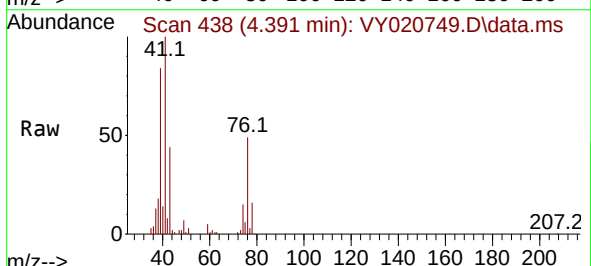


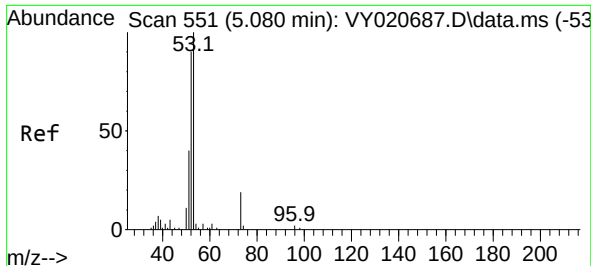
Tgt Ion: 56 Resp: 4714
Ion Ratio Lower Upper
56 100
55 73.0 57.0 85.4



#14
Allyl chloride
Concen: 61.917 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.018 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

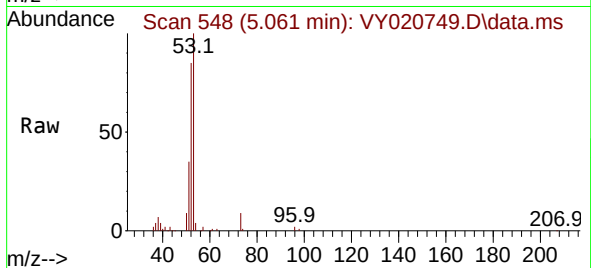
Tgt Ion: 41 Resp: 64972
Ion Ratio Lower Upper
41 100
39 77.6 73.5 110.3
76 47.1 41.8 62.8



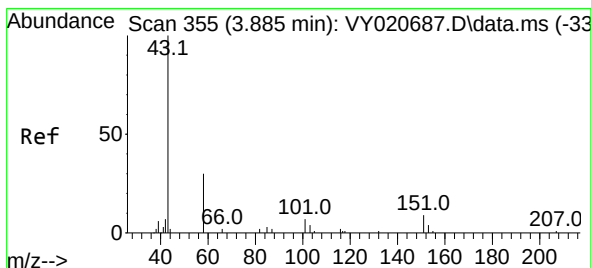
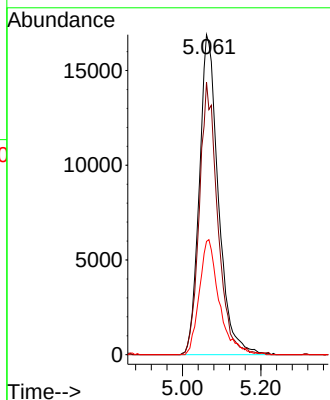
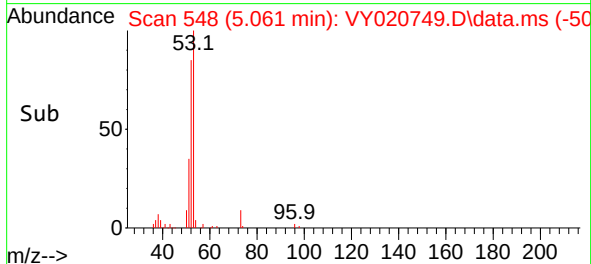


#15
Acrylonitrile
Concen: 338.675 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.019 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

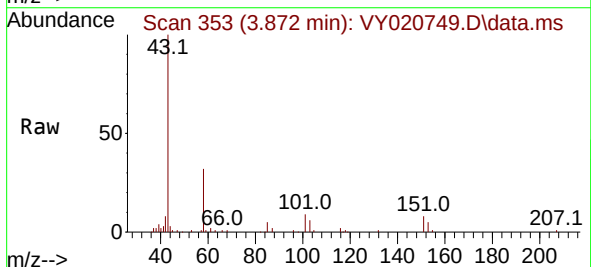
Instrument :
MSVOA_Y
ClientSampleId :



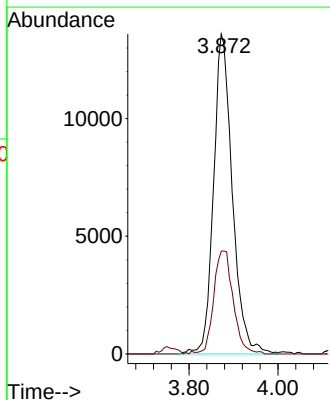
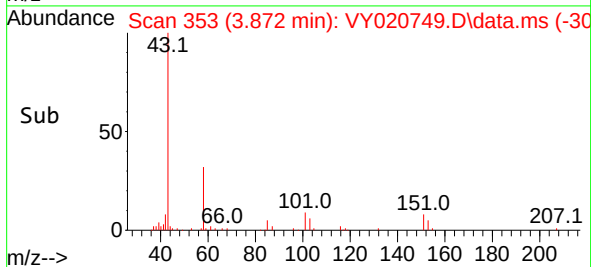
Tgt Ion: 53 Resp: 57132
Ion Ratio Lower Upper
53 100
52 81.7 67.1 100.7
51 37.4 31.4 47.0

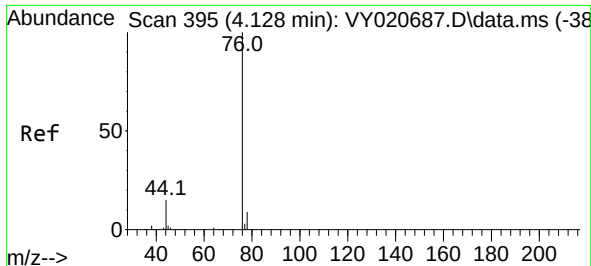


#16
Acetone
Concen: 292.466 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.013 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04



Tgt Ion: 43 Resp: 39873
Ion Ratio Lower Upper
43 100
58 32.1 25.0 37.6





#17

Carbon Disulfide

Concen: 57.570 ug/l

RT: 4.116 min Scan# 395

Delta R.T. -0.012 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

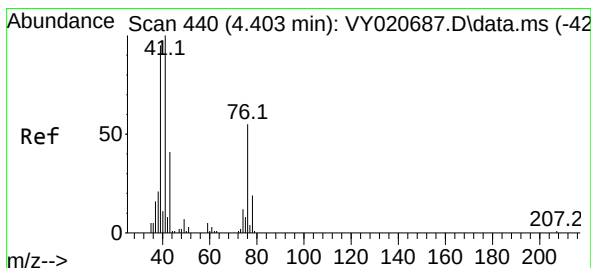
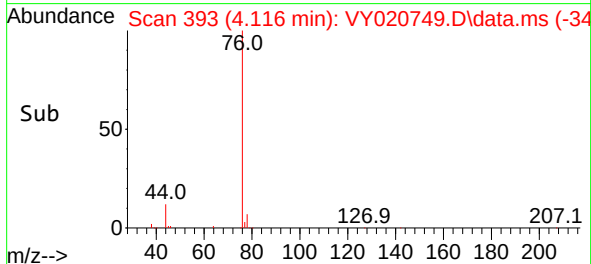
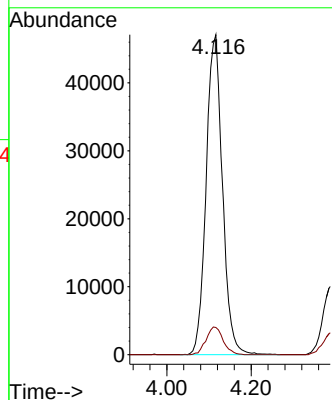
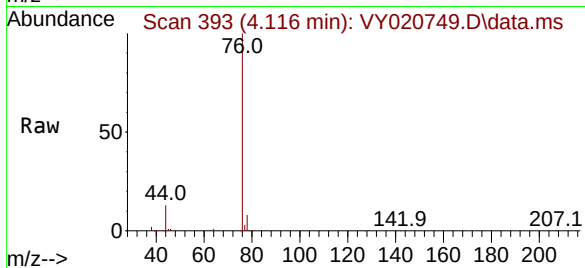
ClientSampleId :

Tgt Ion: 76 Resp: 126635

Ion Ratio Lower Upper

76 100

78 8.5 6.9 10.3



#18

Methyl Acetate

Concen: 77.296 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.018 min

Lab File: VY020749.D

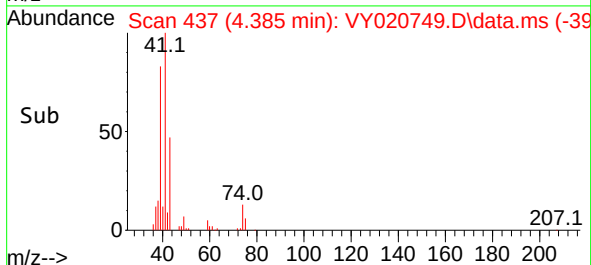
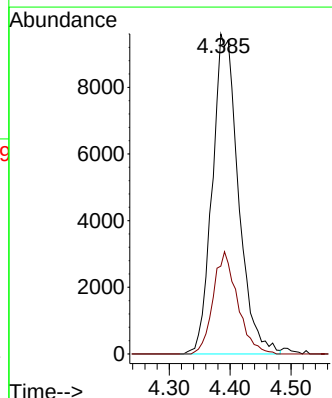
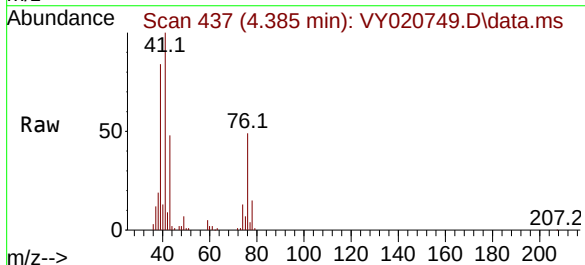
Acq: 27 Dec 2024 19:04

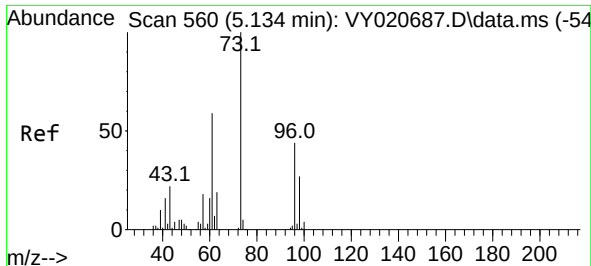
Tgt Ion: 43 Resp: 28521

Ion Ratio Lower Upper

43 100

74 29.9 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 58.592 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

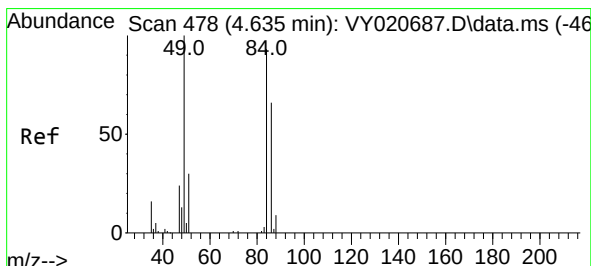
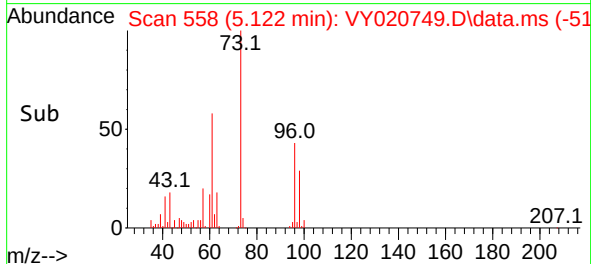
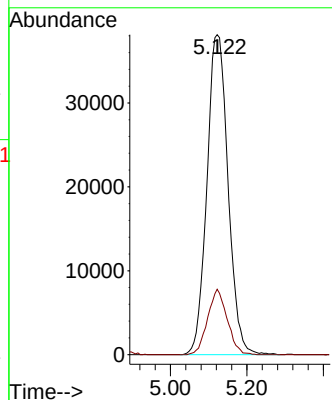
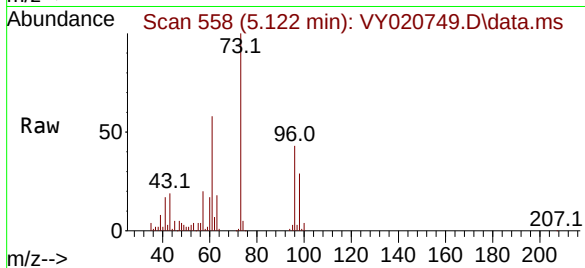
ClientSampleId :

Tgt Ion: 73 Resp: 146442

Ion Ratio Lower Upper

73 100

57 20.5 14.4 21.6



#20

Methylene Chloride

Concen: 59.657 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.013 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Tgt Ion: 84 Resp: 52898

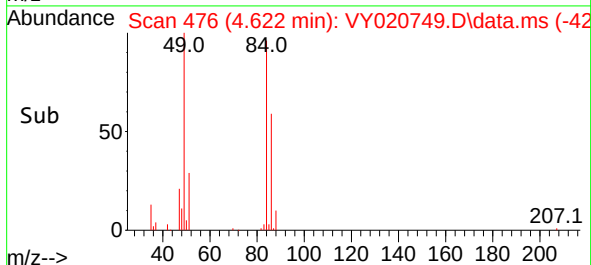
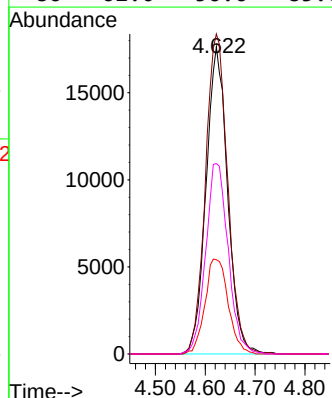
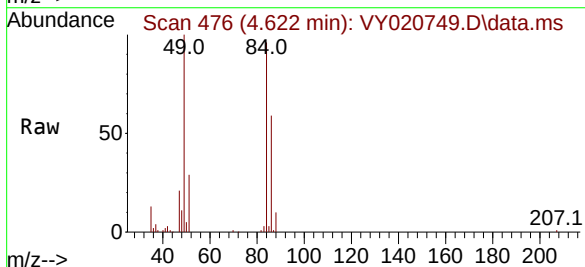
Ion Ratio Lower Upper

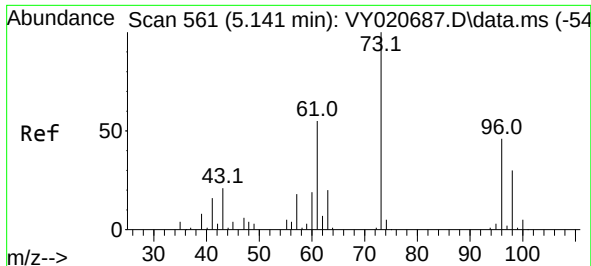
84 100

49 104.2 86.4 129.6

51 30.7 25.5 38.3

86 62.0 56.6 85.0





#21

trans-1,2-Dichloroethene

Concen: 56.696 ug/l

RT: 5.128 min Scan# 51

Delta R.T. -0.013 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

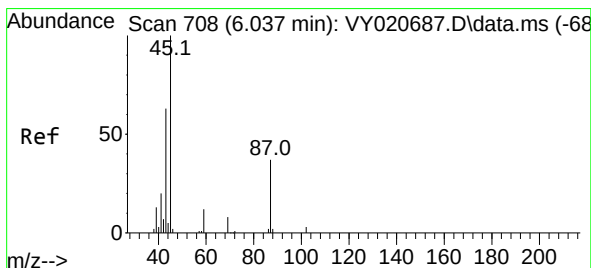
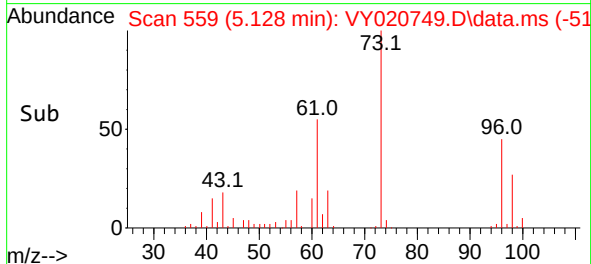
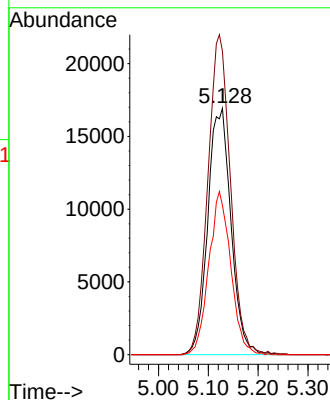
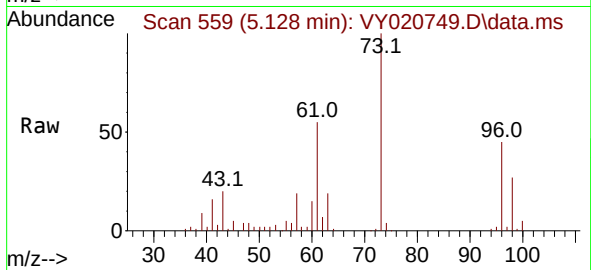
Tgt Ion: 96 Resp: 54785

Ion Ratio Lower Upper

96 100

61 123.1 96.1 144.1

98 60.6 52.7 79.1



#22

Diisopropyl ether

Concen: 65.126 ug/l

RT: 6.024 min Scan# 706

Delta R.T. -0.013 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Tgt Ion: 45 Resp: 138924

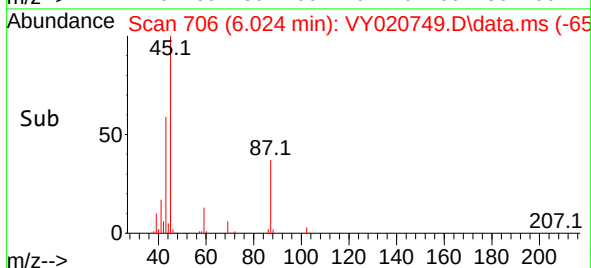
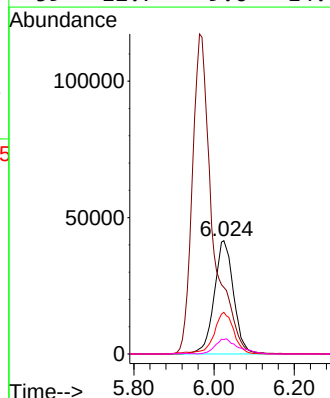
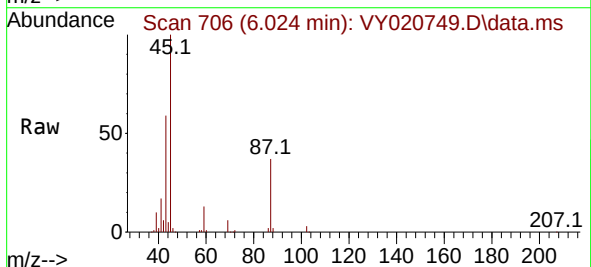
Ion Ratio Lower Upper

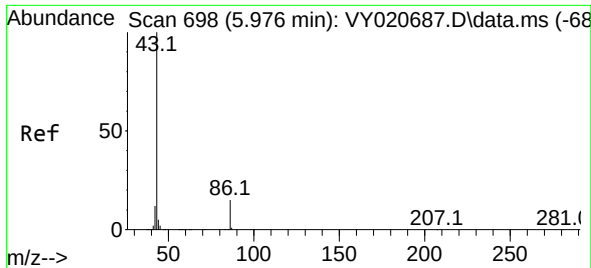
45 100

43 58.3 51.3 76.9

87 36.7 30.6 46.0

59 12.7 9.6 14.4

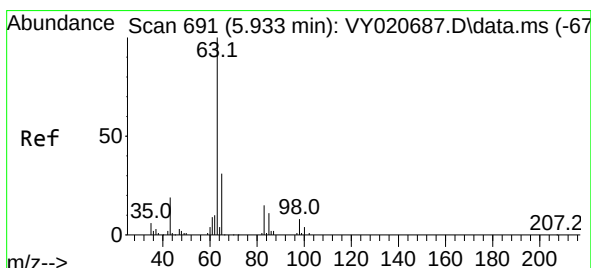
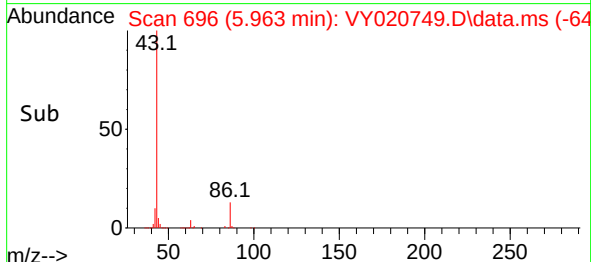
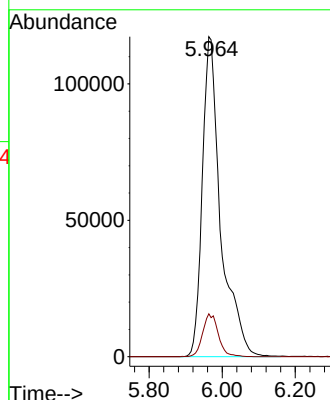
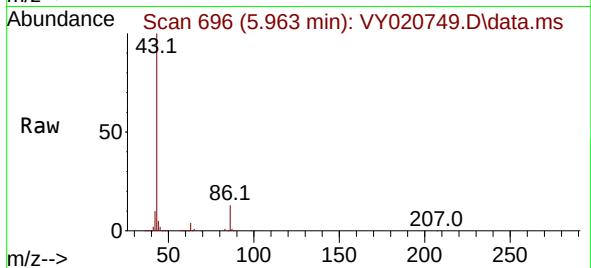




#23
 Vinyl Acetate
 Concen: 321.771 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. -0.013 min
 Lab File: VY020749.D
 Acq: 27 Dec 2024 19:04

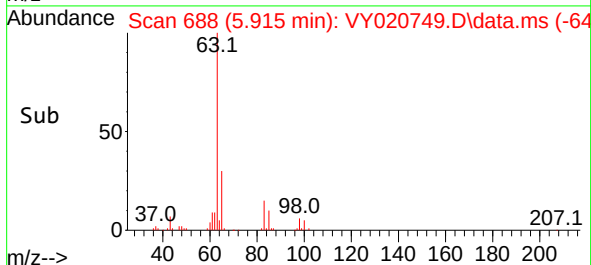
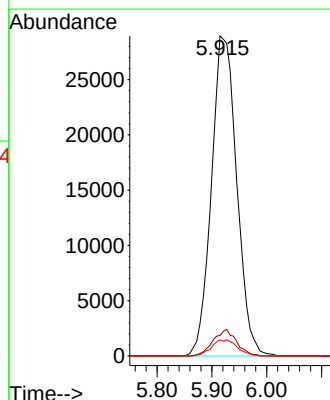
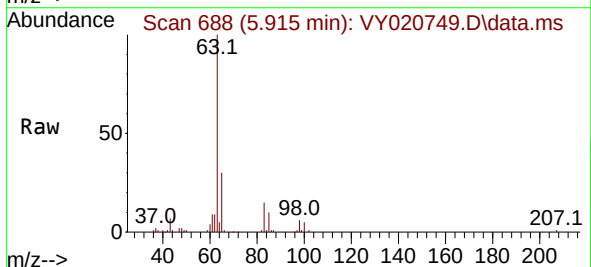
Instrument :
 MSVOA_Y
 ClientSampleId :

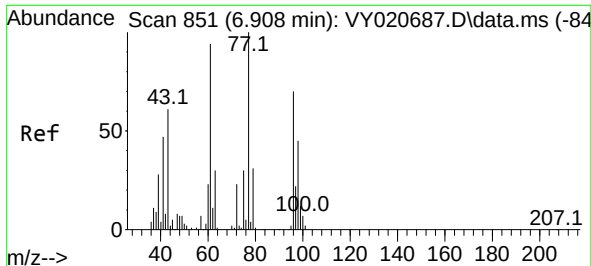
Tgt Ion: 43 Resp: 409978
 Ion Ratio Lower Upper
 43 100
 86 13.4 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 58.038 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY020749.D
 Acq: 27 Dec 2024 19:04

Tgt Ion: 63 Resp: 92821
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 12.0
 100 5.1 2.1 6.2





#25

2-Butanone

Concen: 345.457 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

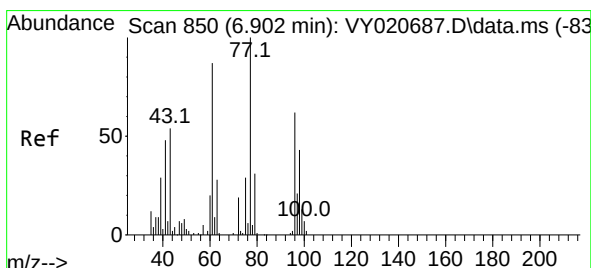
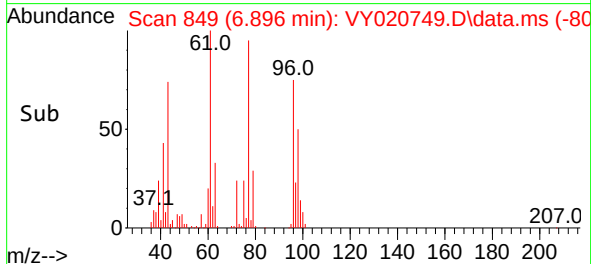
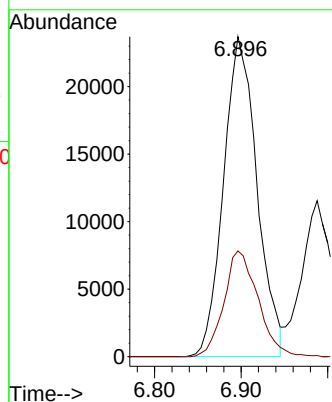
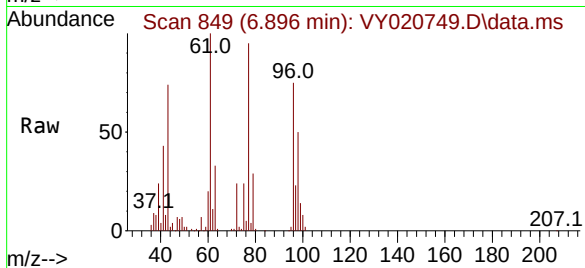
ClientSampleId :

Tgt Ion: 43 Resp: 63621

Ion Ratio Lower Upper

43 100

72 33.0 29.5 44.3



#26

2,2-Dichloropropane

Concen: 48.678 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY020749.D

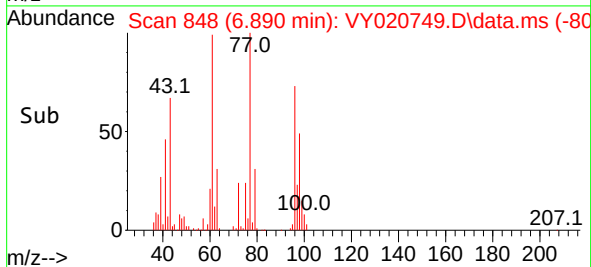
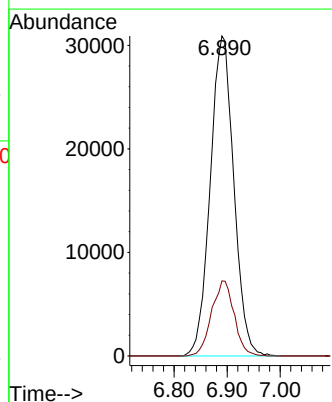
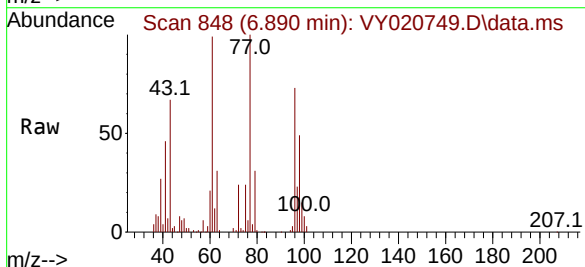
Acq: 27 Dec 2024 19:04

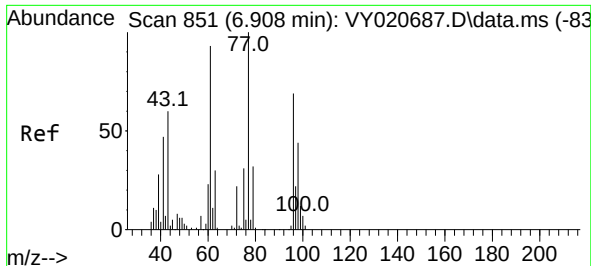
Tgt Ion: 77 Resp: 95288

Ion Ratio Lower Upper

77 100

97 22.5 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 57.007 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

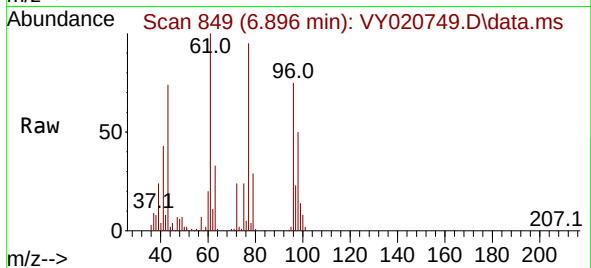
Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :



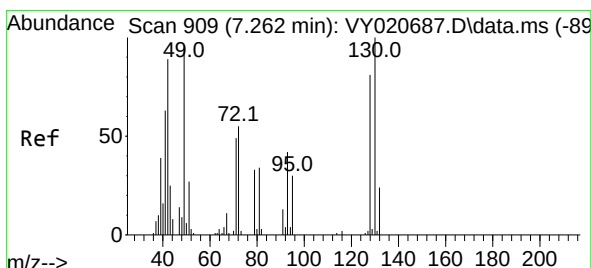
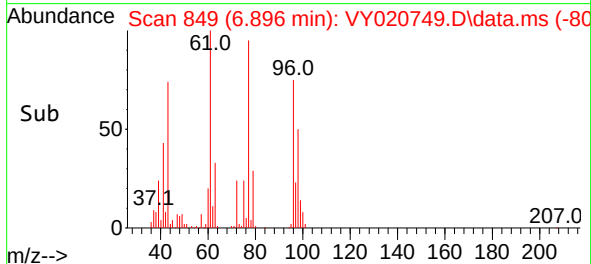
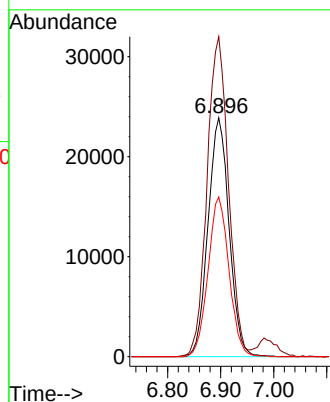
Tgt Ion: 96 Resp: 65967

Ion Ratio Lower Upper

96 100

61 135.7 0.0 277.2

98 66.5 0.0 131.0



#28

Bromochloromethane

Concen: 68.201 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

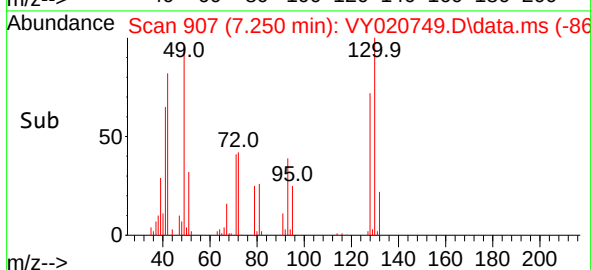
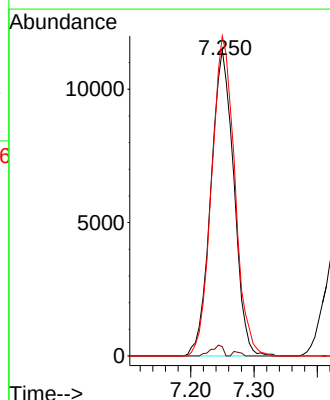
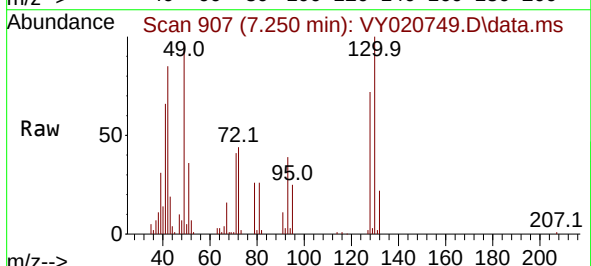
Tgt Ion: 49 Resp: 28845

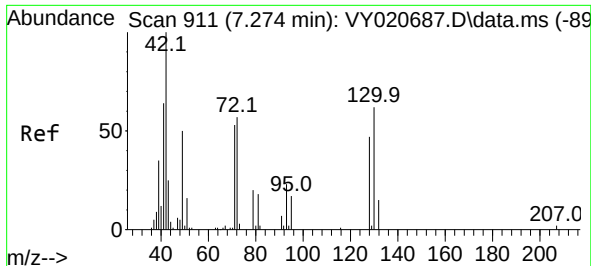
Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.4

130 105.4 87.2 130.8





#29

Tetrahydrofuran

Concen: 360.771 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

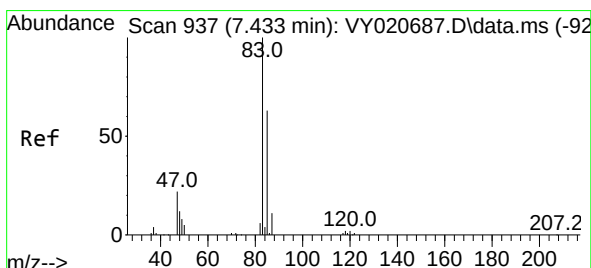
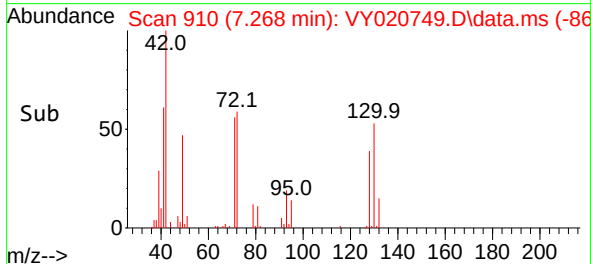
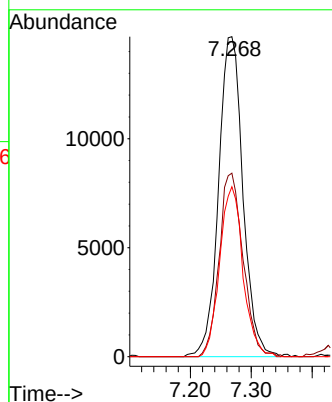
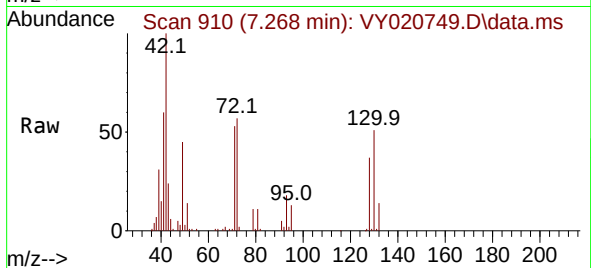
Tgt Ion: 42 Resp: 40783

Ion Ratio Lower Upper

42 100

72 56.6 47.4 71.0

71 50.9 42.8 64.2



#30

Chloroform

Concen: 54.055 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.006 min

Lab File: VY020749.D

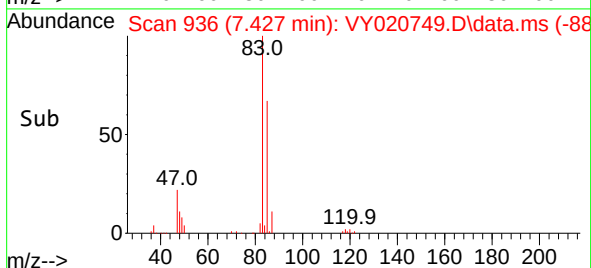
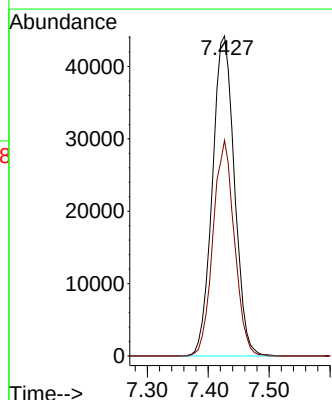
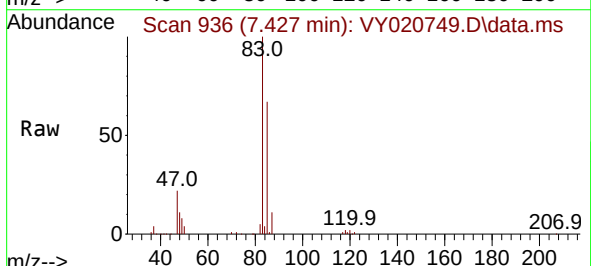
Acq: 27 Dec 2024 19:04

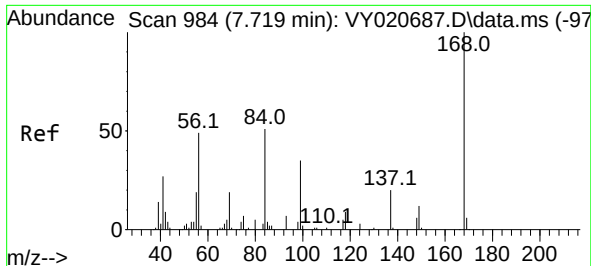
Tgt Ion: 83 Resp: 111211

Ion Ratio Lower Upper

83 100

85 67.4 50.2 75.2

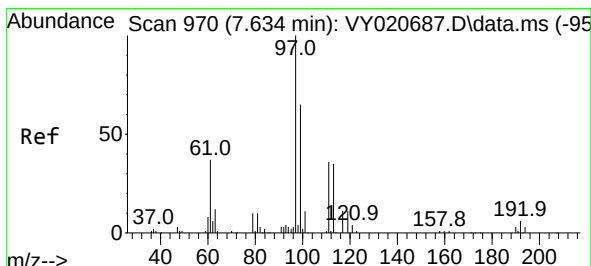
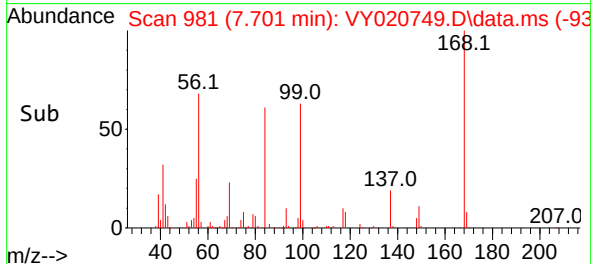
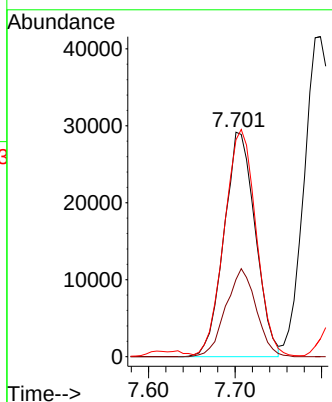
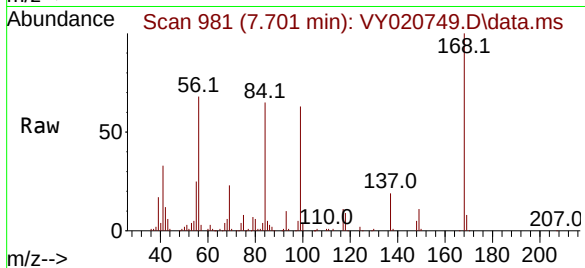




#31
Cyclohexane
Concen: 53.129 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

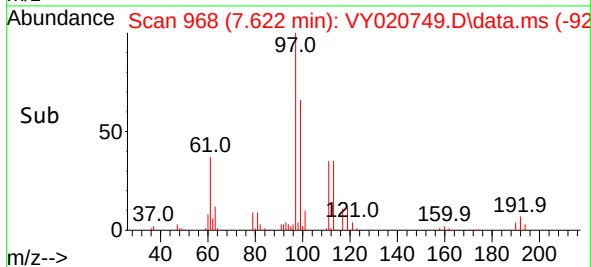
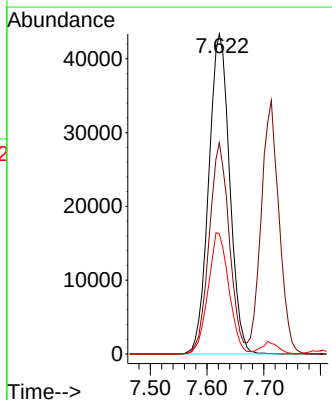
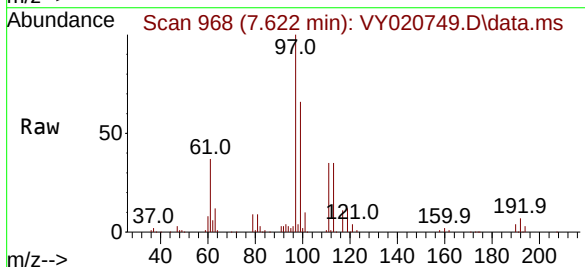
Instrument :
MSVOA_Y
ClientSampleId :

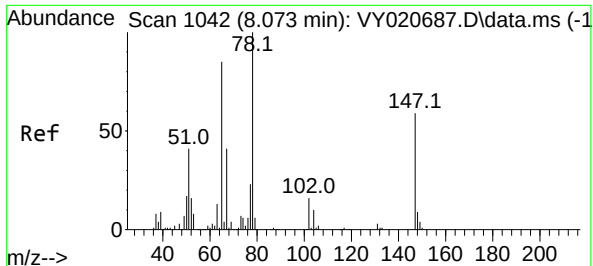
Tgt Ion: 56 Resp: 73345
Ion Ratio Lower Upper
56 100
69 34.3 31.3 46.9
84 93.9 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 50.414 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion: 97 Resp: 111180
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 37.5 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 65.512 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

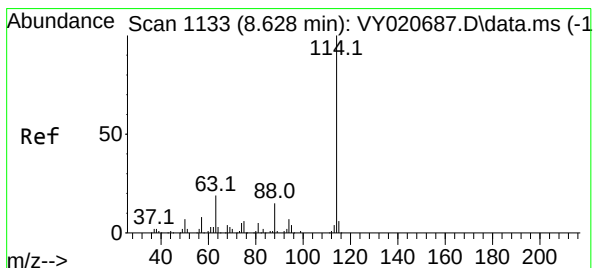
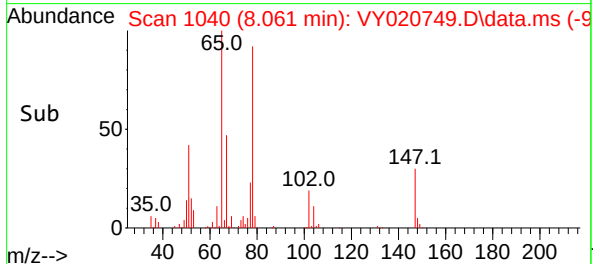
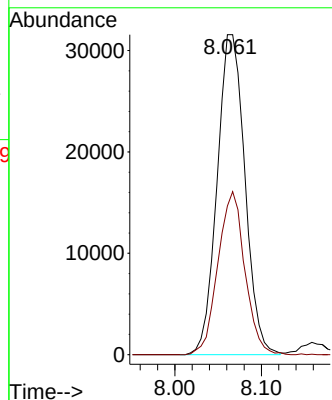
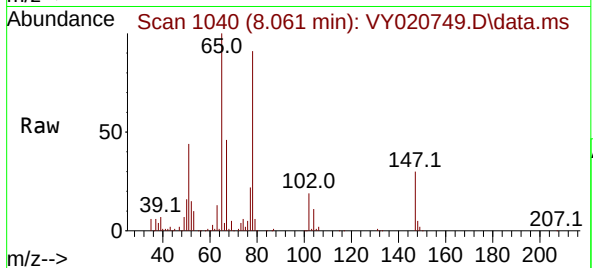
ClientSampleId :

Tgt Ion: 65 Resp: 70404

Ion Ratio Lower Upper

65 100

67 49.3 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.013 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

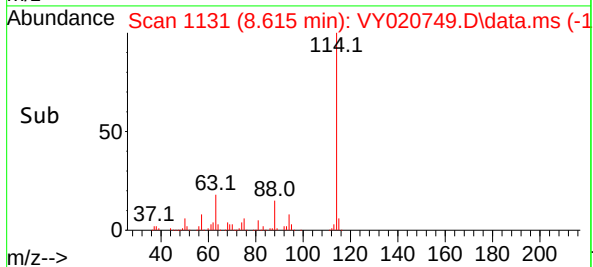
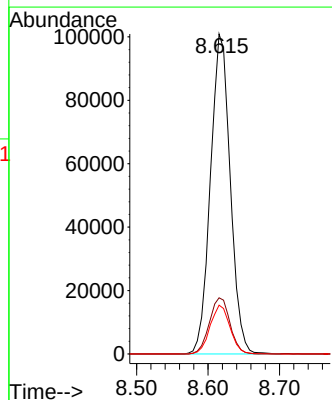
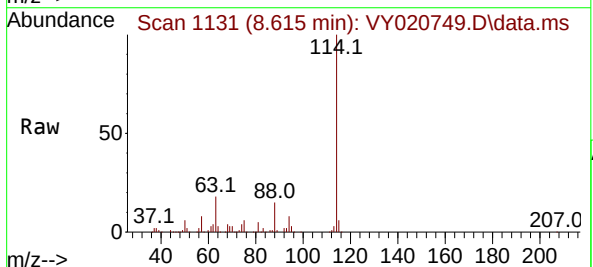
Tgt Ion:114 Resp: 194081

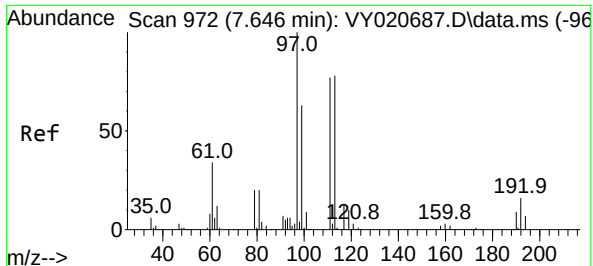
Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

88 15.3 0.0 30.4

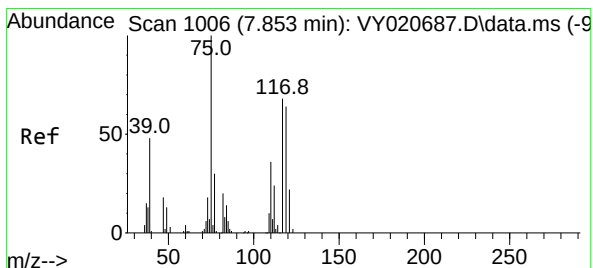
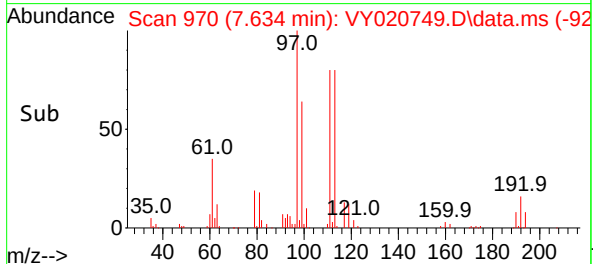
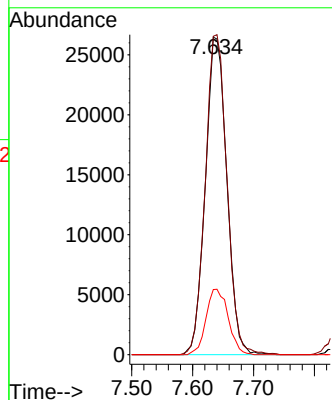
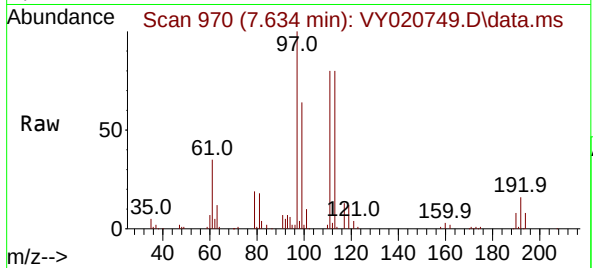




#35
Dibromofluoromethane
Concen: 60.637 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

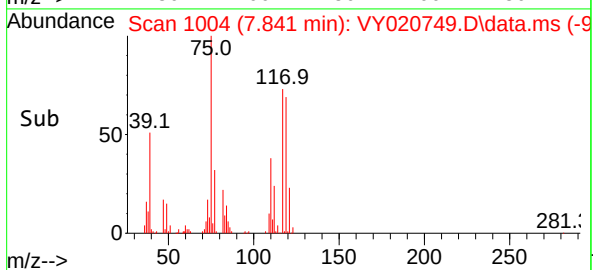
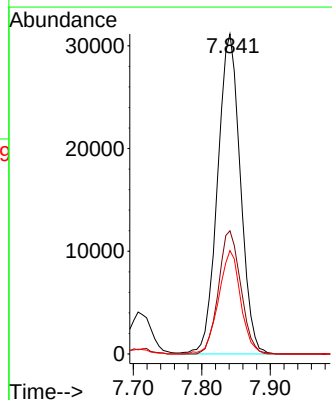
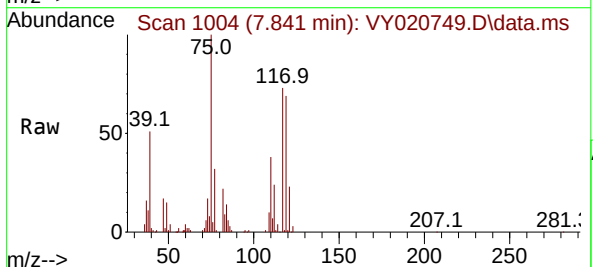
Instrument :
MSVOA_Y
ClientSampleId :

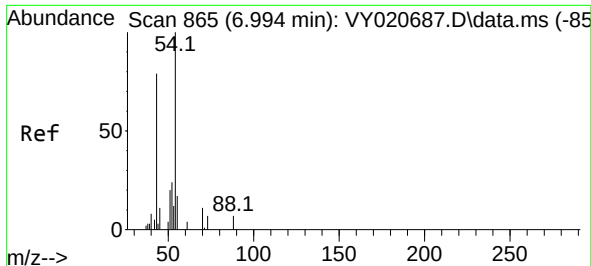
Tgt Ion:113 Resp: 64822
Ion Ratio Lower Upper
113 100
111 101.7 79.8 119.8
192 21.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 50.796 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.012 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion: 75 Resp: 71730
Ion Ratio Lower Upper
75 100
110 37.6 19.6 58.7
77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 64.593 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

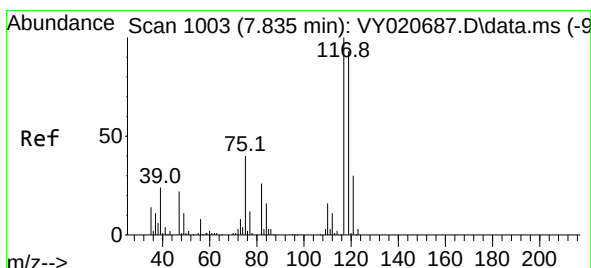
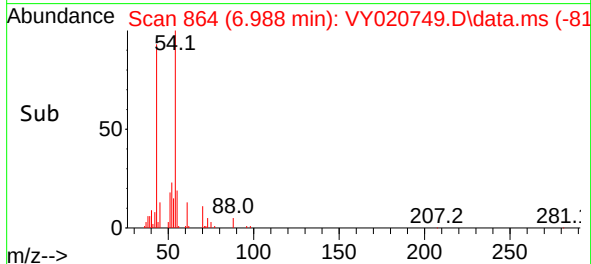
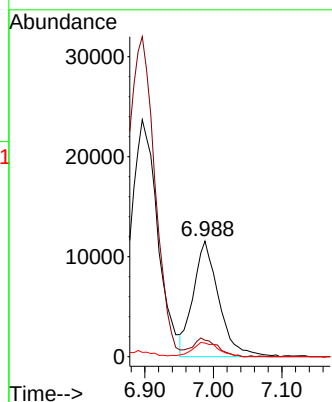
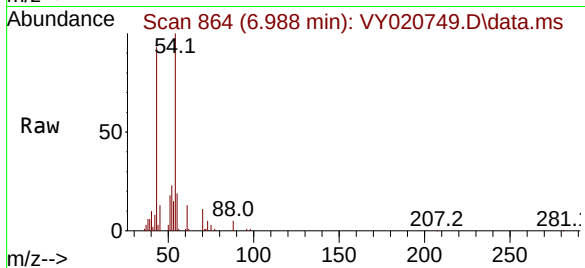
Tgt Ion: 43 Resp: 30057

Ion Ratio Lower Upper

43 100

61 15.1 11.7 17.5

70 12.7 11.0 16.4



#38

Carbon Tetrachloride

Concen: 46.359 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.012 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

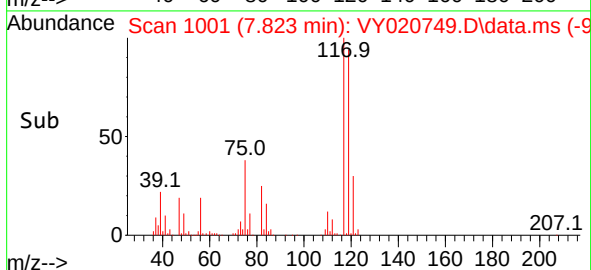
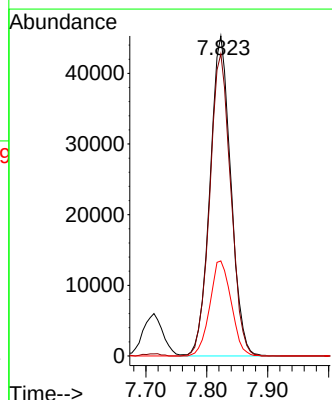
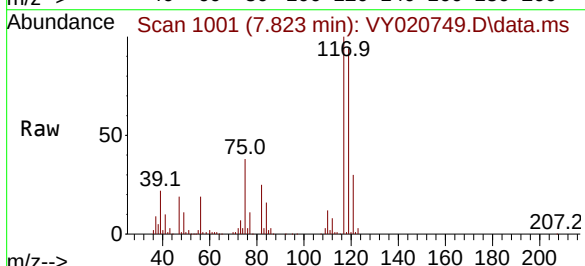
Tgt Ion: 117 Resp: 107799

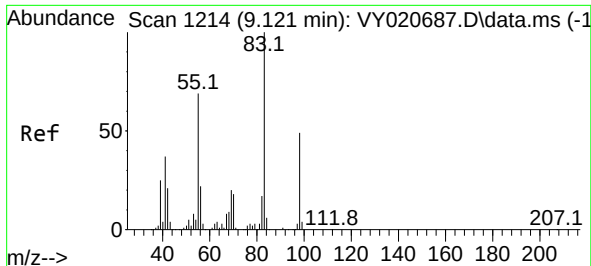
Ion Ratio Lower Upper

117 100

119 94.4 74.4 111.6

121 29.7 24.2 36.2





#39

Methylcyclohexane

Concen: 52.058 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.012 min

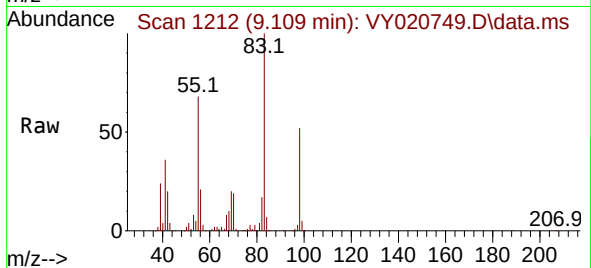
Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

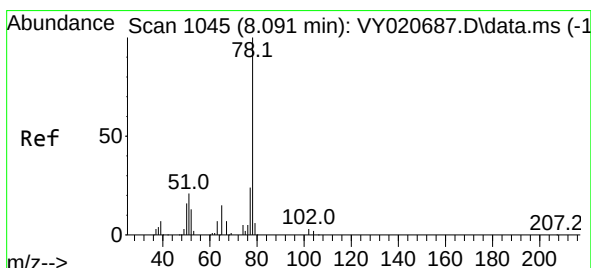
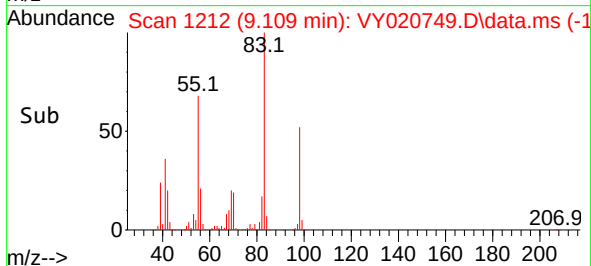
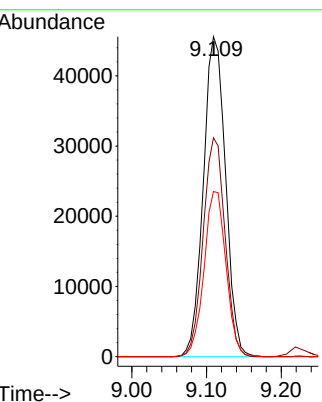
MSVOA_Y

ClientSampleId :



Tgt Ion: 83 Resp: 94222

Ion	Ratio	Lower	Upper
83	100		
55	68.4	55.0	82.4
98	51.6	39.0	58.6



#40

Benzene

Concen: 54.462 ug/l

RT: 8.085 min Scan# 1044

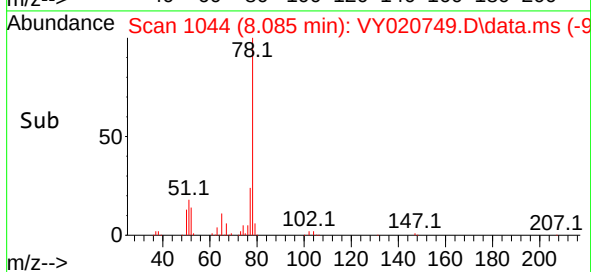
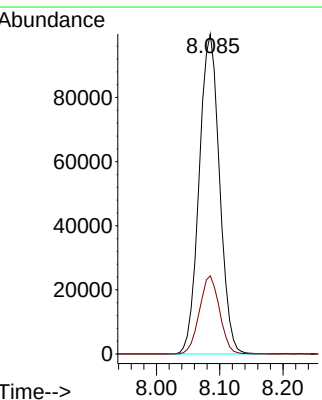
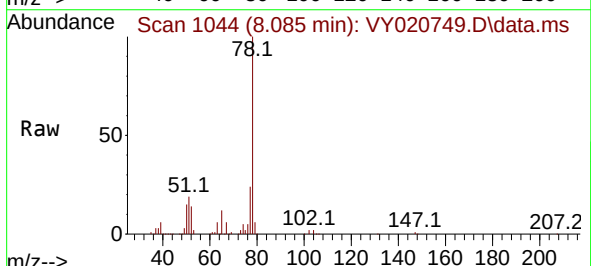
Delta R.T. -0.006 min

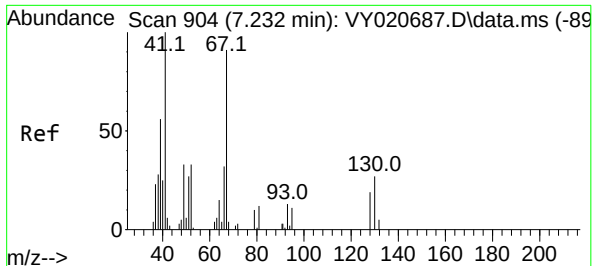
Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Tgt Ion: 78 Resp: 222888

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8

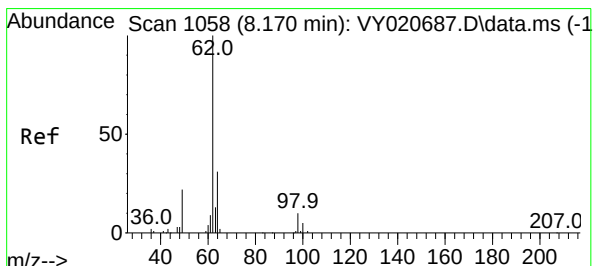
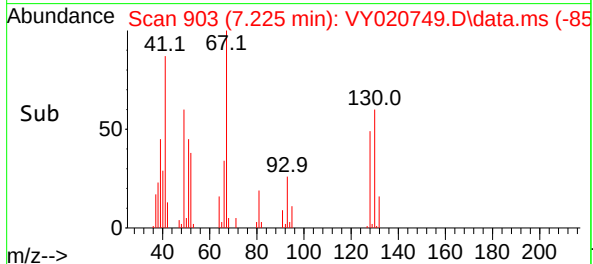
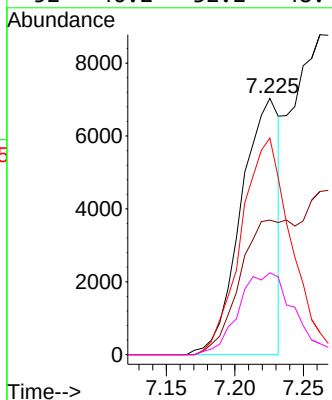
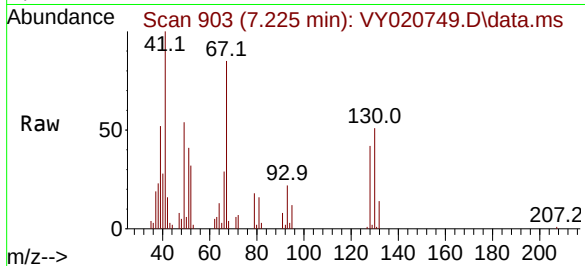




#41
Methacrylonitrile
Concen: 58.425 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.007 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

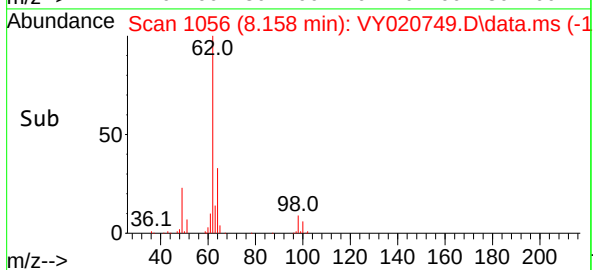
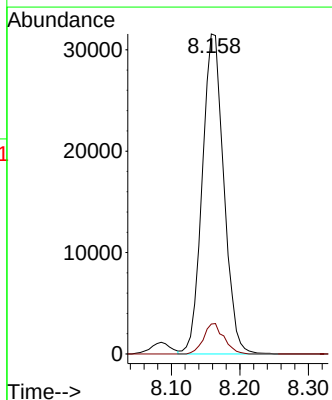
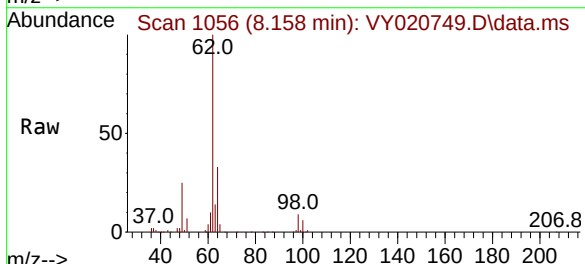
Instrument :
MSVOA_Y
ClientSampleId :

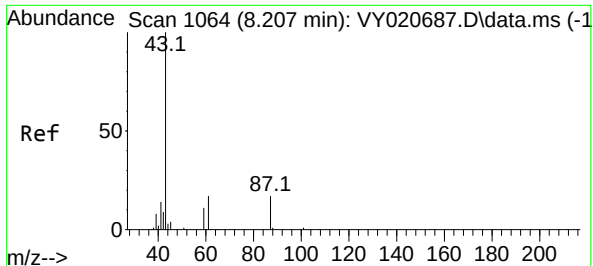
Tgt Ion: 41 Resp: 13733
Ion Ratio Lower Upper
41 100
39 74.0 46.6 70.0#
67 111.1 74.7 112.1
52 46.2 32.2 48.4



#42
1,2-Dichloroethane
Concen: 52.598 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

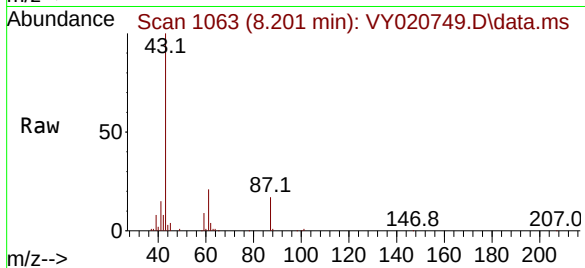
Tgt Ion: 62 Resp: 69024
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.6



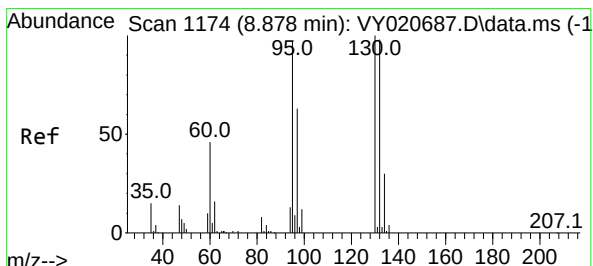
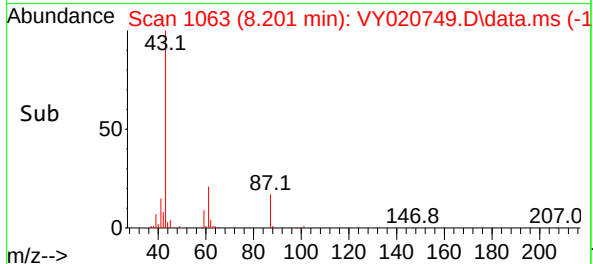
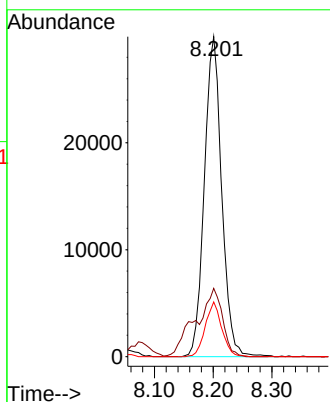


#43
Isopropyl Acetate
Concen: 62.137 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Instrument :
MSVOA_Y
ClientSampleId :

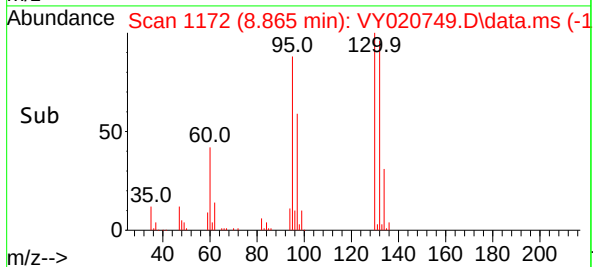
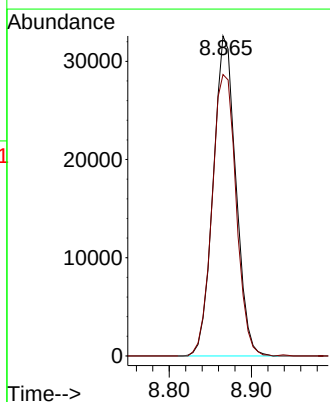
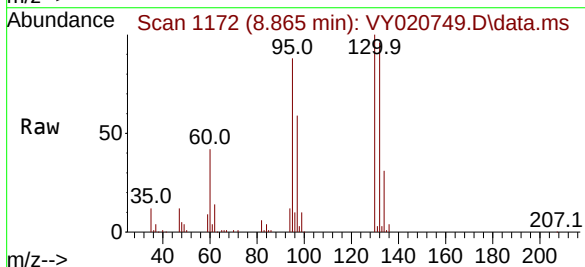


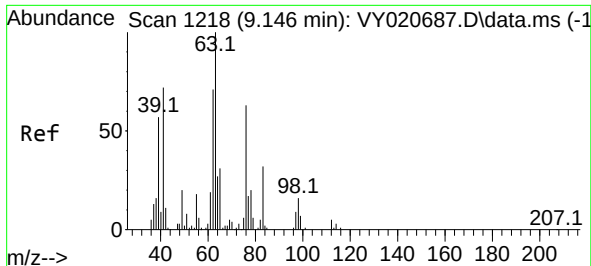
Tgt Ion: 43	Resp: 61458
Ion Ratio	Lower Upper
43 100	
61 32.9	27.0 40.4
87 16.3	14.2 21.4



#44
Trichloroethene
Concen: 51.071 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.013 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion:130	Resp: 62427
Ion Ratio	Lower Upper
130 100	
95 88.0	0.0 194.8





#45

1,2-Dichloropropane

Concen: 59.302 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

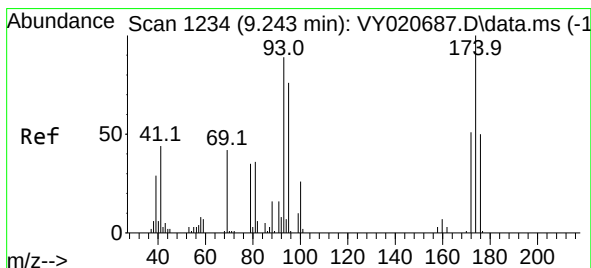
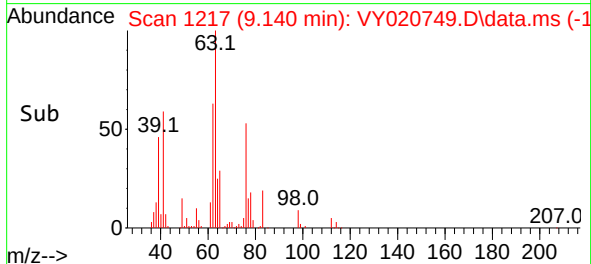
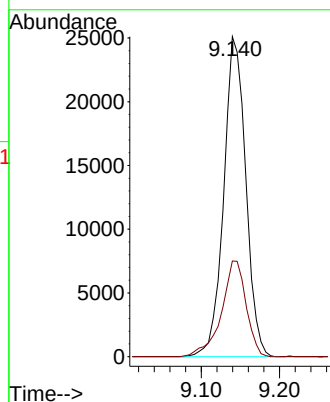
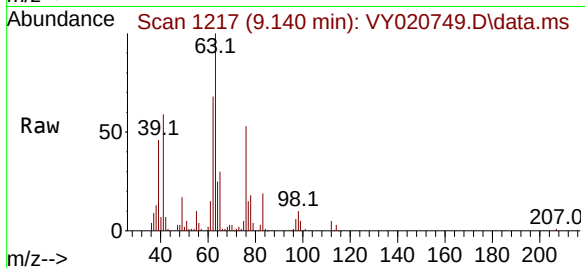
ClientSampleId :

Tgt Ion: 63 Resp: 49127

Ion Ratio Lower Upper

63 100

65 29.9 24.6 36.8



#46

Dibromomethane

Concen: 55.951 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

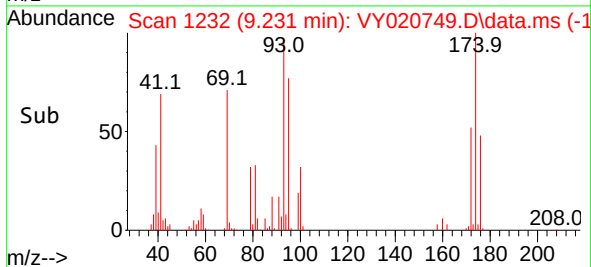
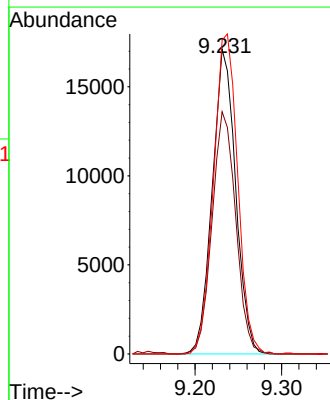
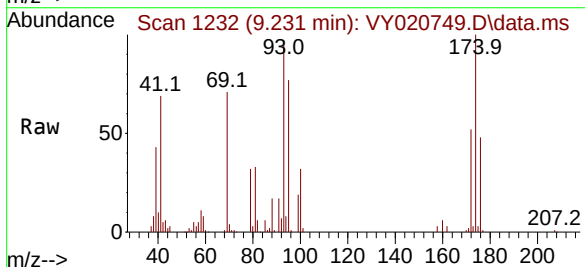
Tgt Ion: 93 Resp: 32071

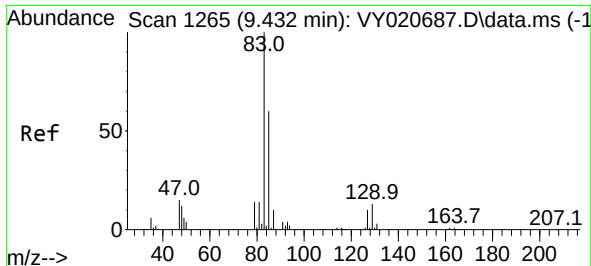
Ion Ratio Lower Upper

93 100

95 80.5 67.8 101.8

174 108.4 89.4 134.0

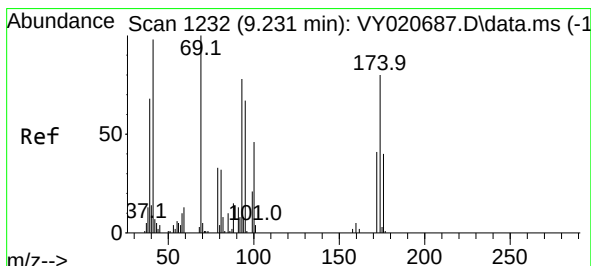
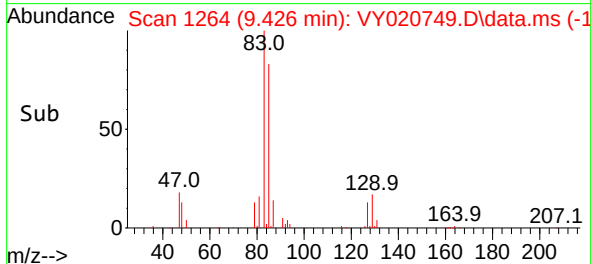
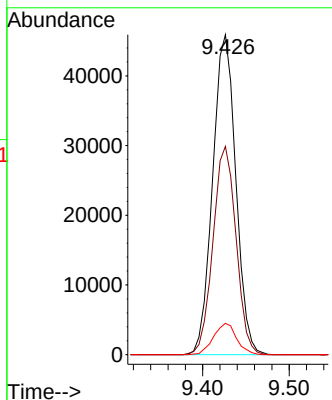
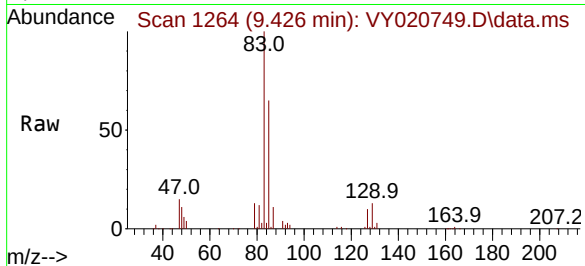




#47
Bromodichloromethane
Concen: 52.432 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

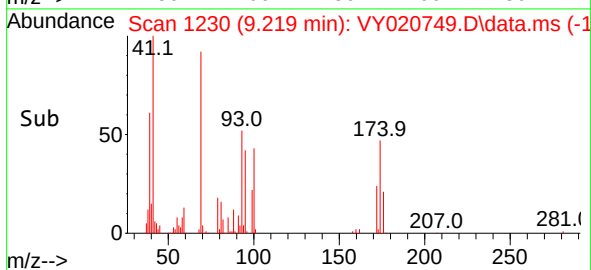
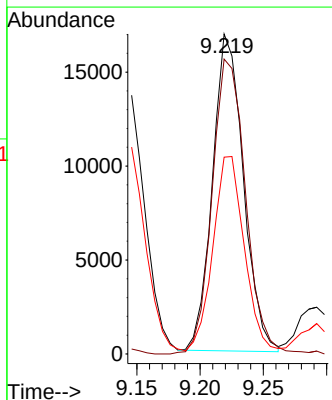
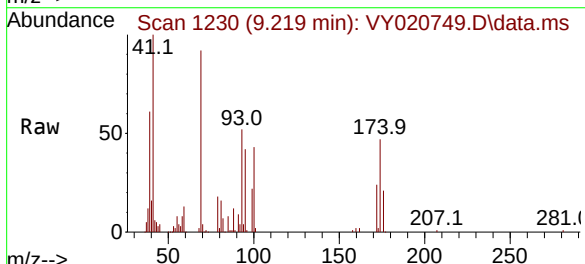
Instrument :
MSVOA_Y
ClientSampleId :

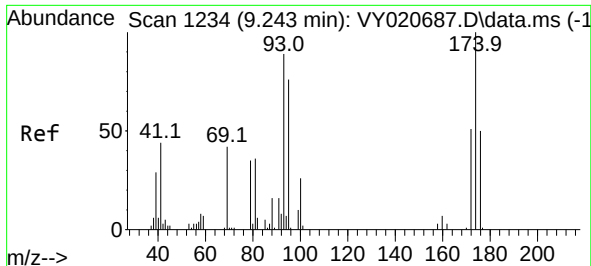
Tgt Ion: 83 Resp: 85206
Ion Ratio Lower Upper
83 100
85 65.1 47.6 71.4
127 9.8 7.9 11.9



#48
Methyl methacrylate
Concen: 61.946 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion: 41 Resp: 28612
Ion Ratio Lower Upper
41 100
69 101.0 83.1 124.7
39 62.2 57.3 85.9





#49

1,4-Dioxane

Concen: 1344.883 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

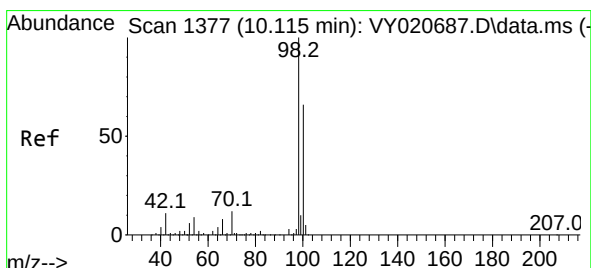
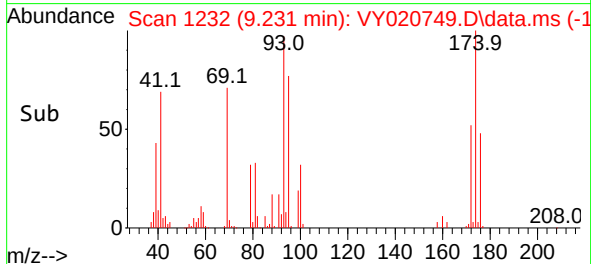
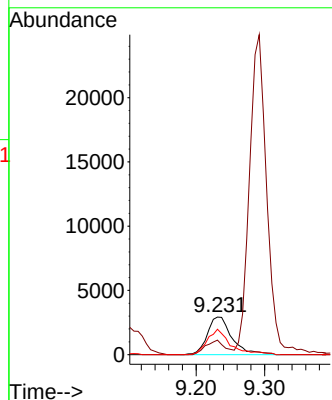
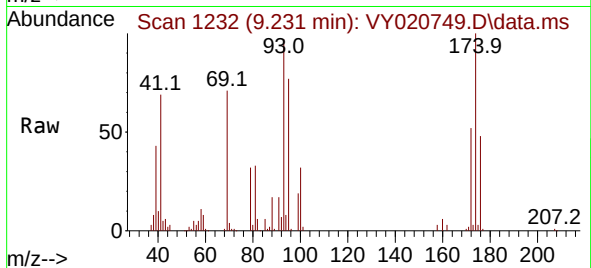
Tgt Ion: 88 Resp: 7343

Ion Ratio Lower Upper

88 100

43 30.6 22.1 33.1

58 63.5 46.7 70.1



#50

Toluene-d8

Concen: 58.070 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020749.D

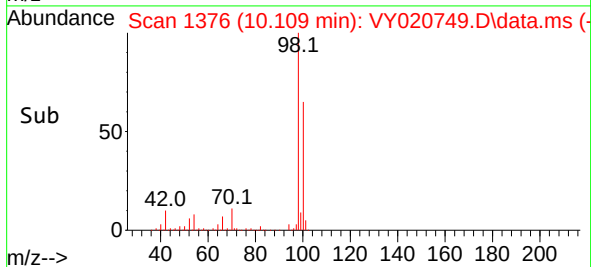
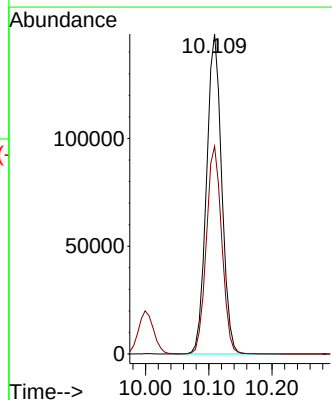
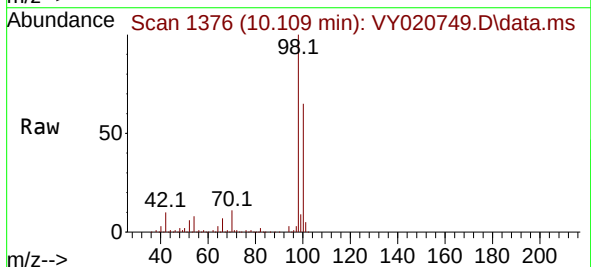
Acq: 27 Dec 2024 19:04

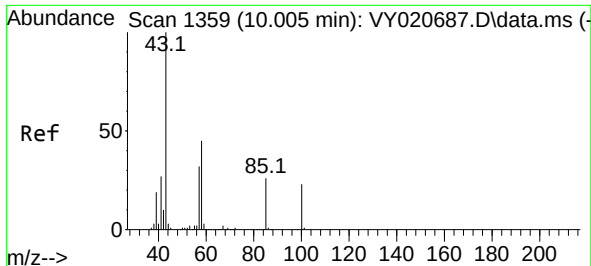
Tgt Ion: 98 Resp: 248088

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 323.038 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

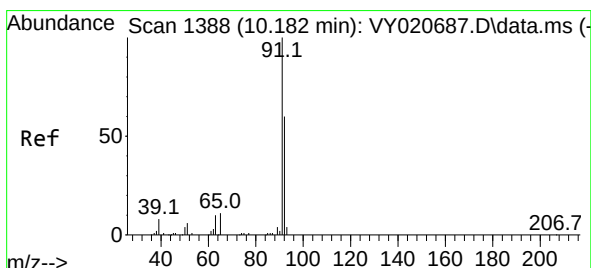
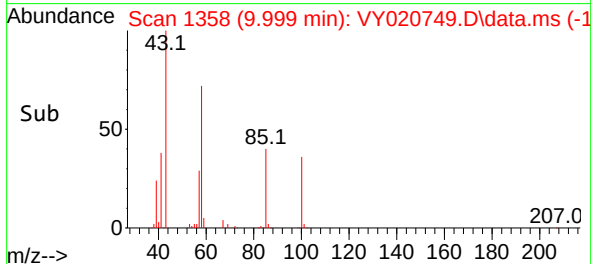
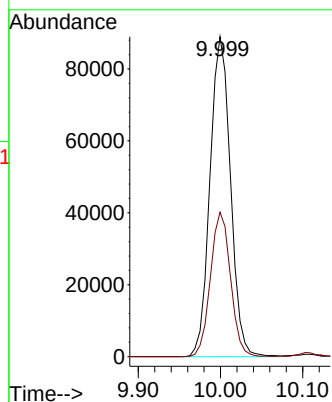
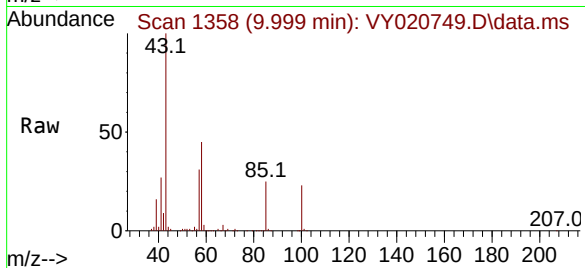
ClientSampleId :

Tgt Ion: 43 Resp: 154217

Ion Ratio Lower Upper

43 100

58 44.3 35.1 52.7



#52

Toluene

Concen: 53.005 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.012 min

Lab File: VY020749.D

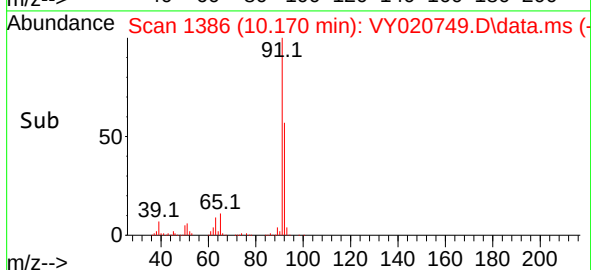
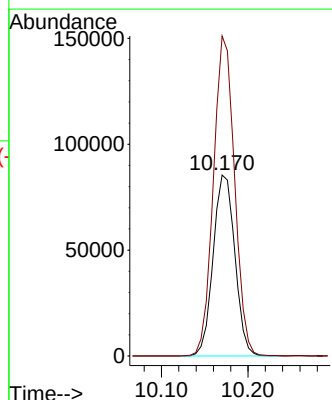
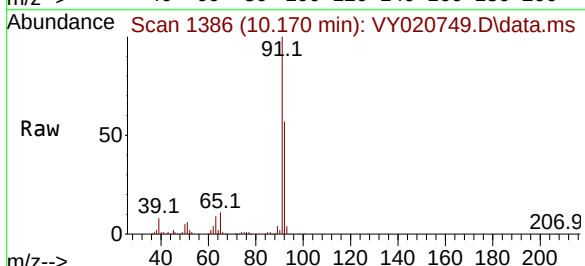
Acq: 27 Dec 2024 19:04

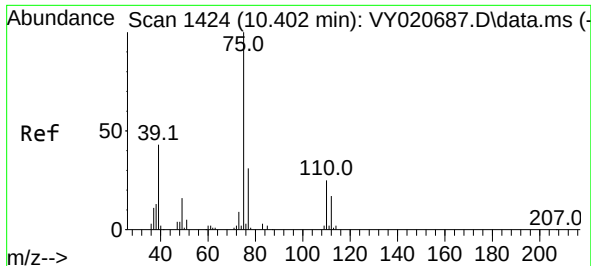
Tgt Ion: 92 Resp: 148677

Ion Ratio Lower Upper

92 100

91 172.8 137.7 206.5

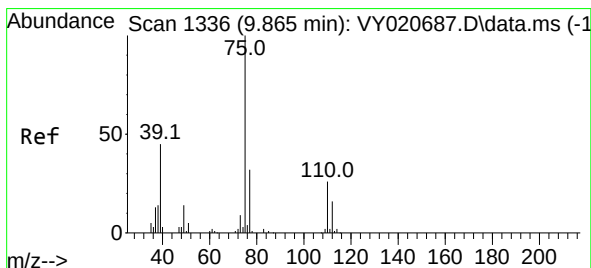
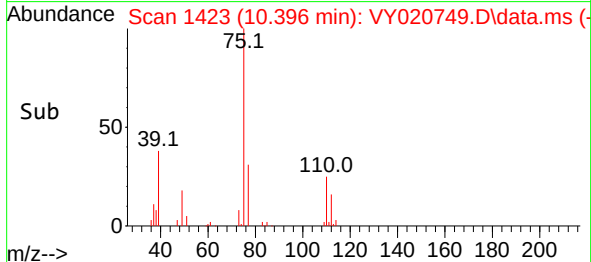
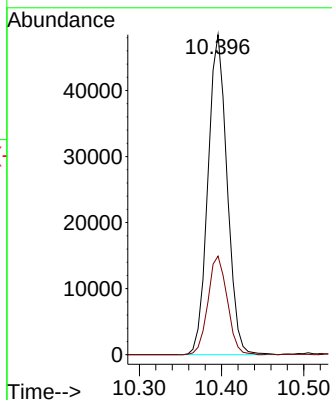
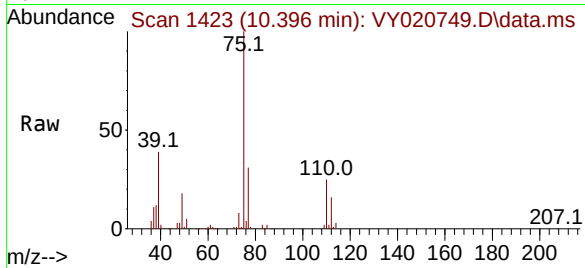




#53
 t-1,3-Dichloropropene
 Concen: 55.057 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY020749.D
 Acq: 27 Dec 2024 19:04

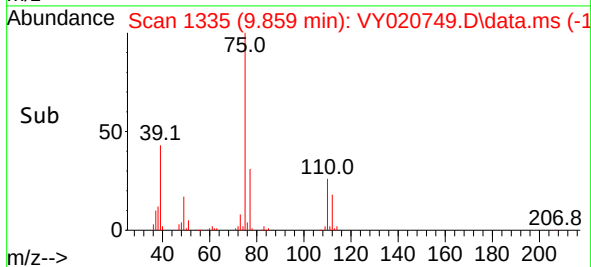
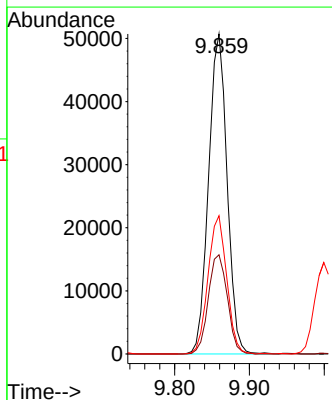
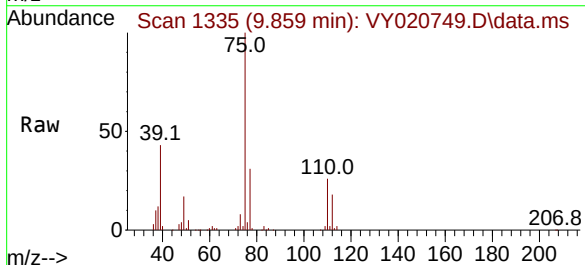
Instrument :
 MSVOA_Y
 ClientSampleId :

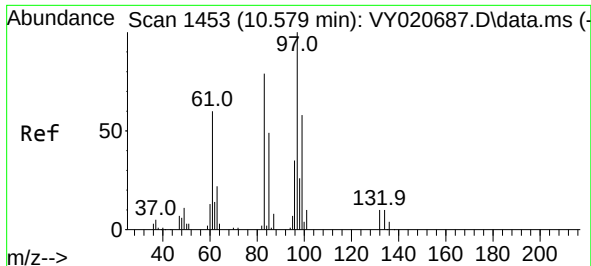
Tgt Ion: 75 Resp: 78583
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 55.769 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.006 min
 Lab File: VY020749.D
 Acq: 27 Dec 2024 19:04

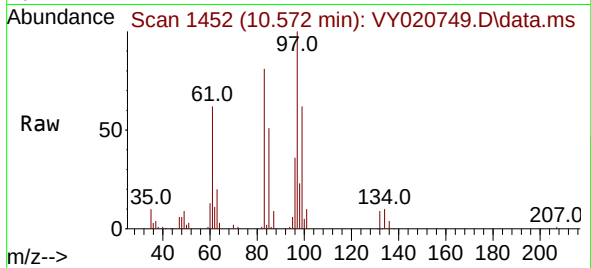
Tgt Ion: 75 Resp: 87250
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4
 39 43.2 36.2 54.2



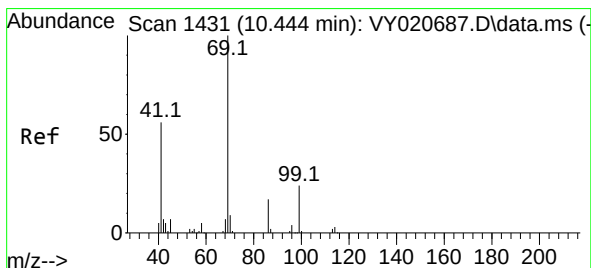
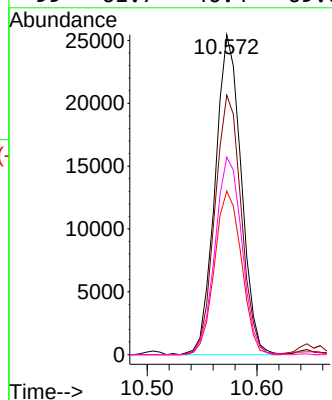
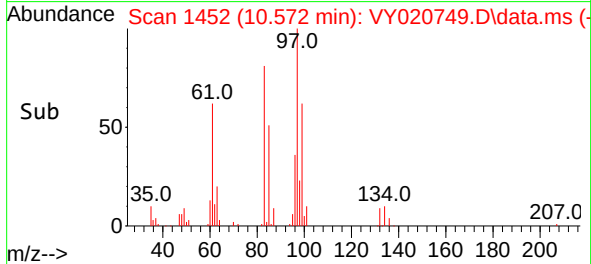


#55
1,1,2-Trichloroethane
Concen: 57.546 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.007 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Instrument :
MSVOA_Y
ClientSampleId :

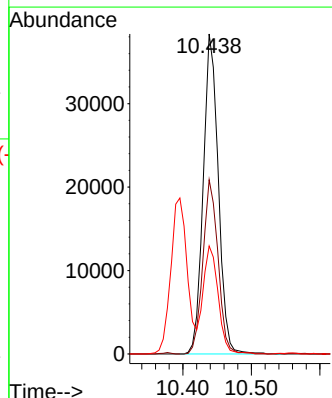
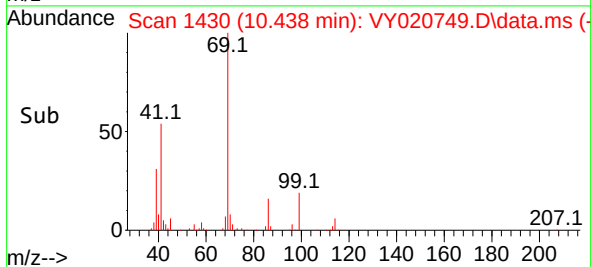
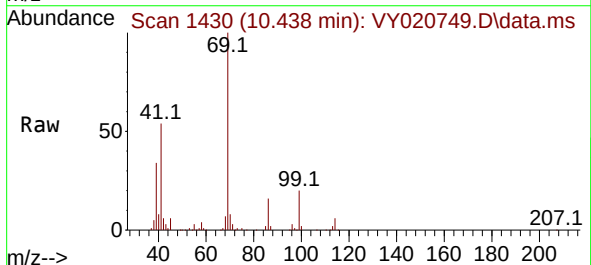


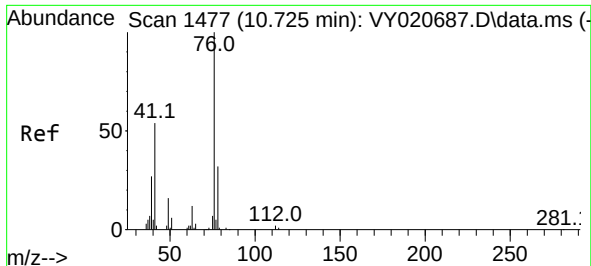
Tgt Ion:	97	Resp:	42105
Ion	Ratio	Lower	Upper
97	100		
83	81.1	63.1	94.7
85	51.1	39.5	59.3
99	61.7	46.4	69.6



#56
Ethyl methacrylate
Concen: 61.150 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion:	69	Resp:	58779
Ion	Ratio	Lower	Upper
69	100		
41	54.9	43.8	65.6
39	33.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 58.995 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

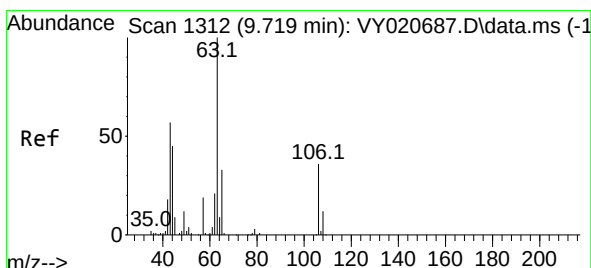
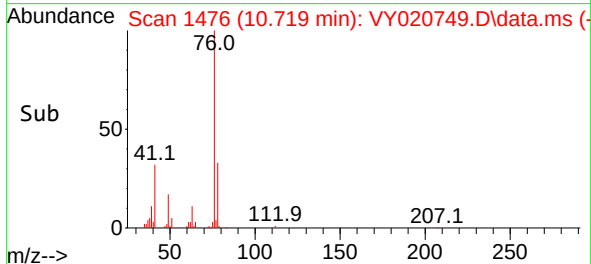
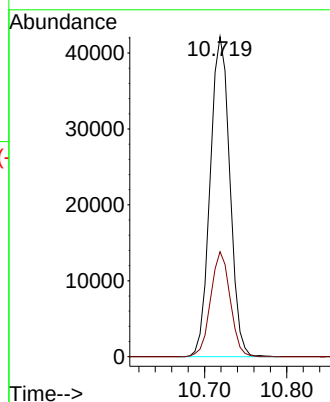
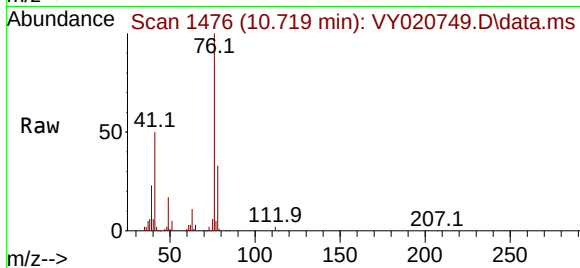
ClientSampleId :

Tgt Ion: 76 Resp: 70058

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 318.139 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020749.D

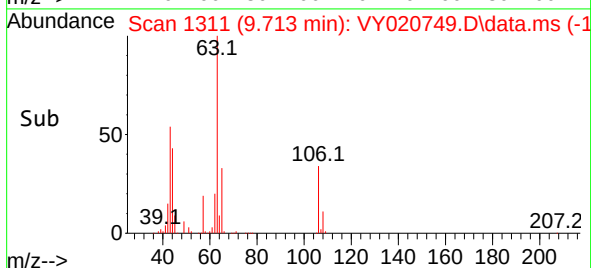
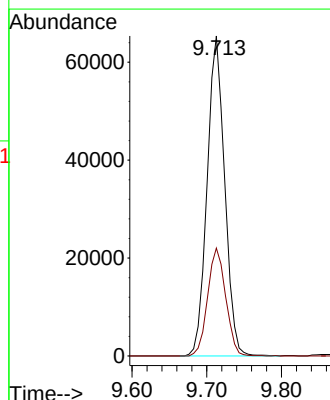
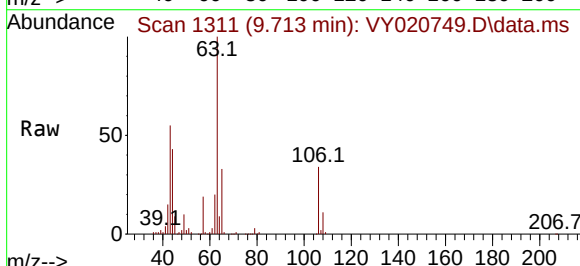
Acq: 27 Dec 2024 19:04

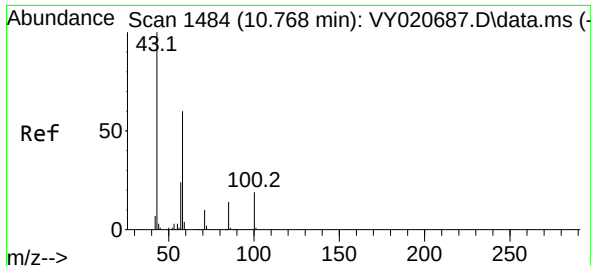
Tgt Ion: 63 Resp: 106637

Ion Ratio Lower Upper

63 100

106 34.6 29.1 43.7





#59

2-Hexanone

Concen: 331.562 ug/l

RT: 10.761 min Scan# 14

Delta R.T. -0.007 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

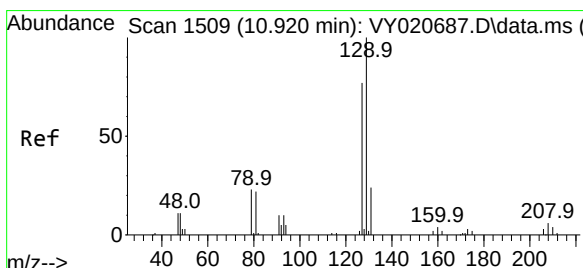
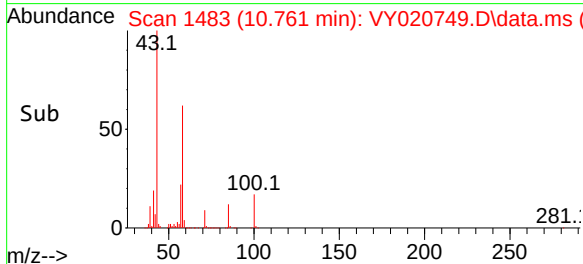
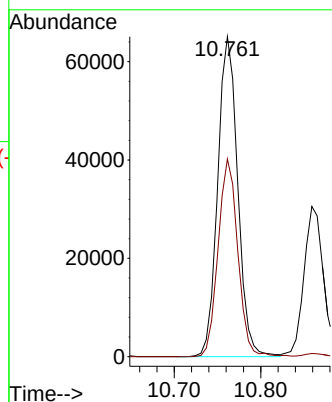
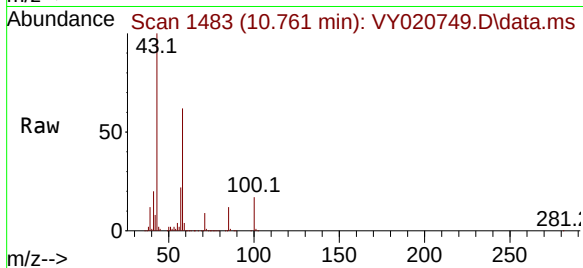
ClientSampleId :

Tgt Ion: 43 Resp: 104509

Ion Ratio Lower Upper

43 100

58 60.8 30.1 90.5



#60

Dibromochloromethane

Concen: 54.170 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VY020749.D

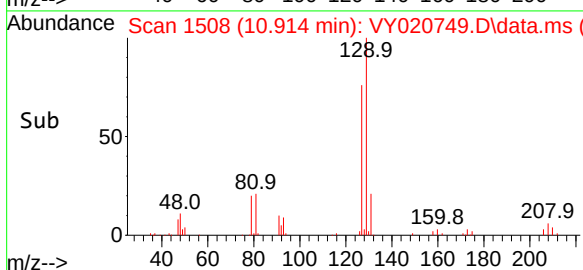
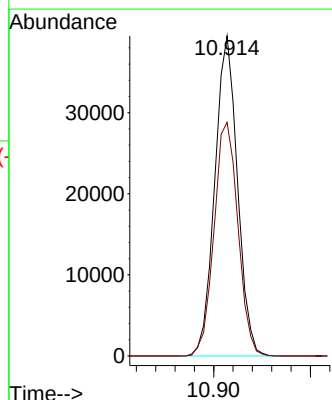
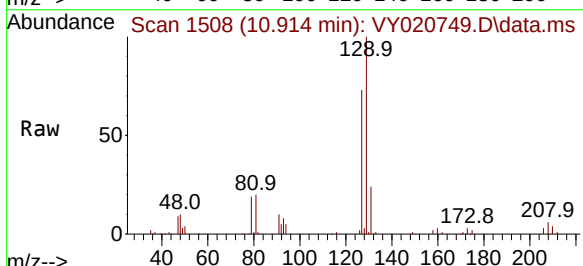
Acq: 27 Dec 2024 19:04

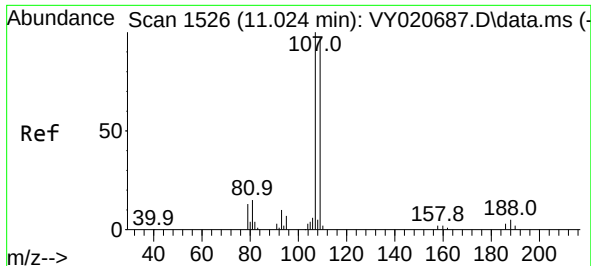
Tgt Ion:129 Resp: 64044

Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.5

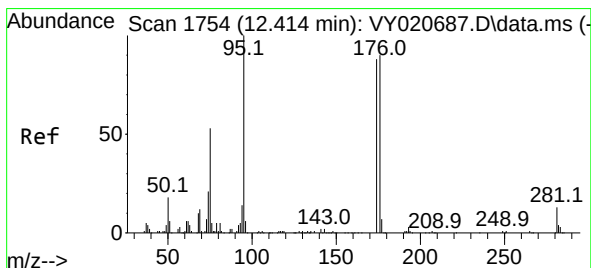
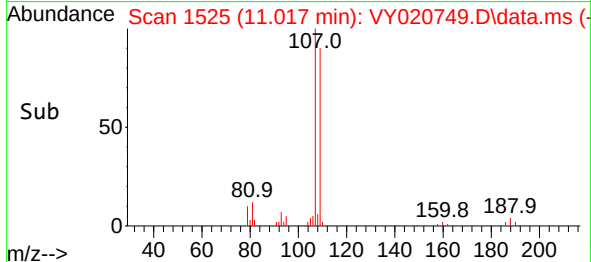
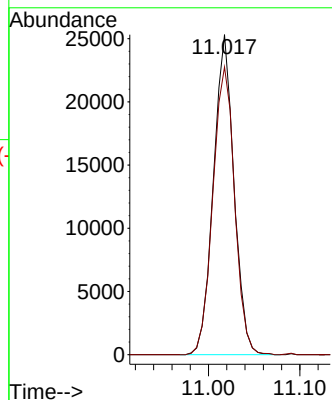
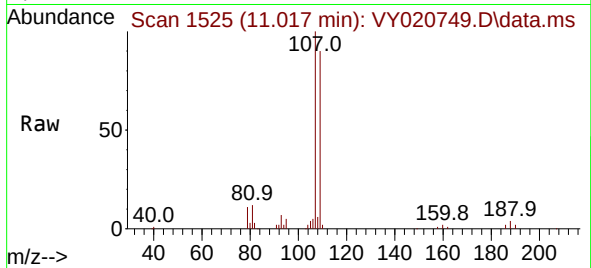




#61
1,2-Dibromoethane
Concen: 57.377 ug/l
RT: 11.017 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

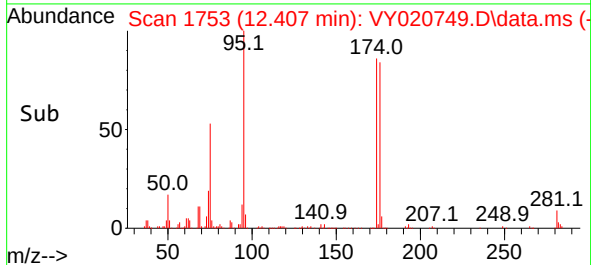
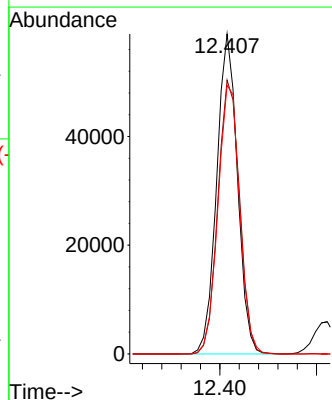
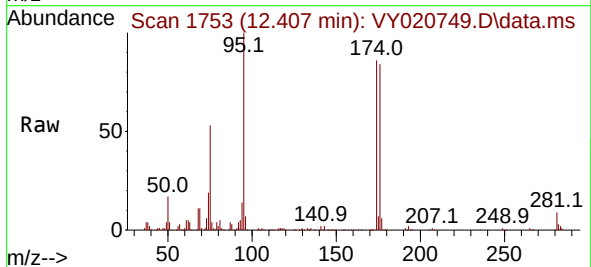
Instrument :
MSVOA_Y
ClientSampleId :

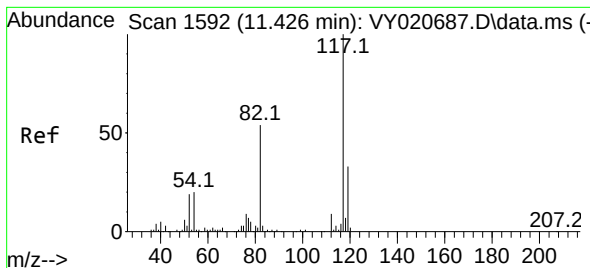
Tgt Ion:107 Resp: 39502
Ion Ratio Lower Upper
107 100
109 95.2 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 61.675 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion: 95 Resp: 87622
Ion Ratio Lower Upper
95 100
174 89.1 0.0 179.2
176 87.7 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

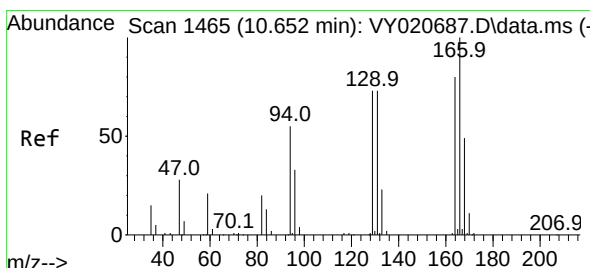
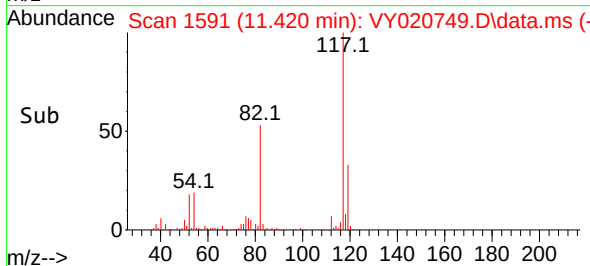
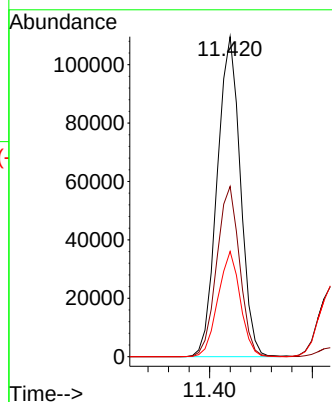
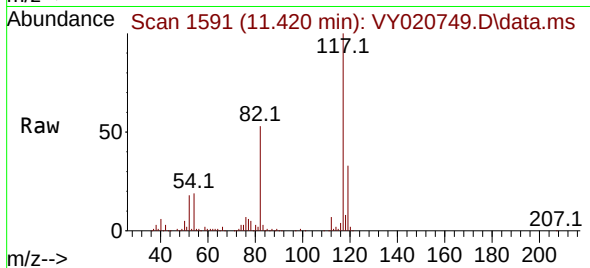
Tgt Ion:117 Resp: 171433

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.2

119 32.9 26.6 39.8



#64

Tetrachloroethene

Concen: 48.570 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Tgt Ion:164 Resp: 56887

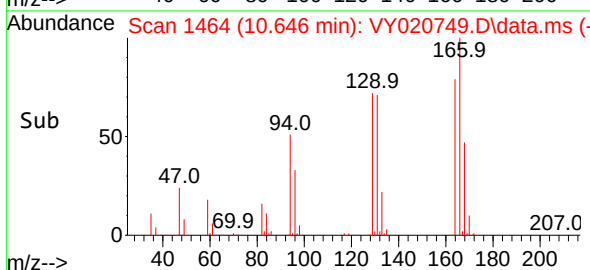
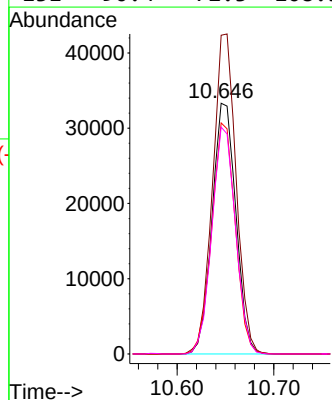
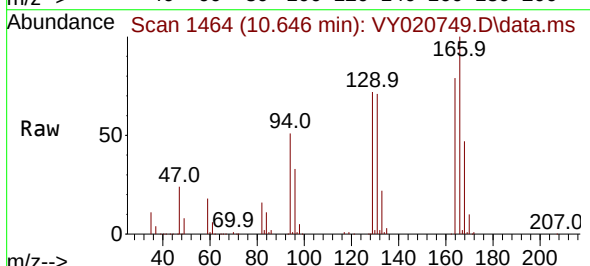
Ion Ratio Lower Upper

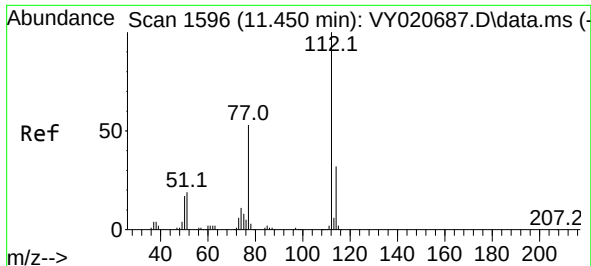
164 100

166 127.1 99.6 149.4

129 92.1 73.0 109.4

131 90.4 72.3 108.5

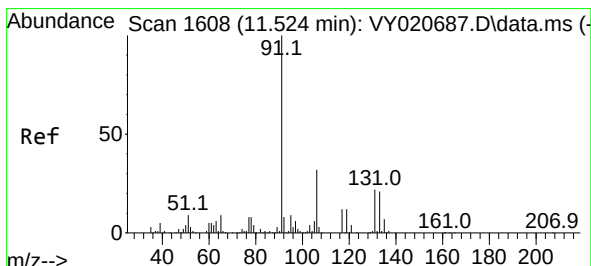
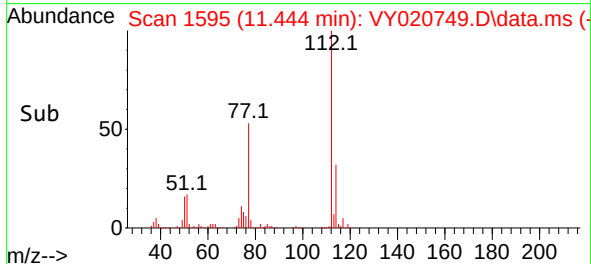
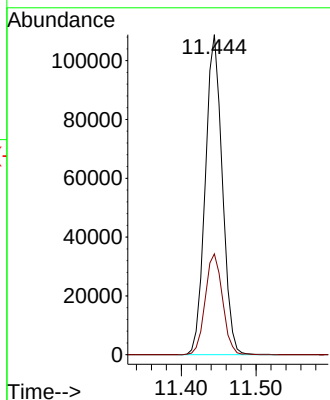
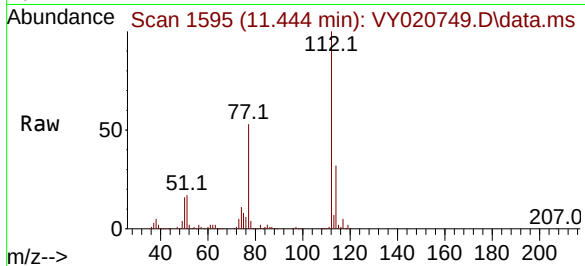




#65
Chlorobenzene
Concen: 51.218 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

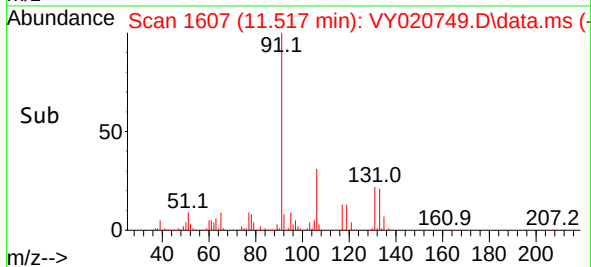
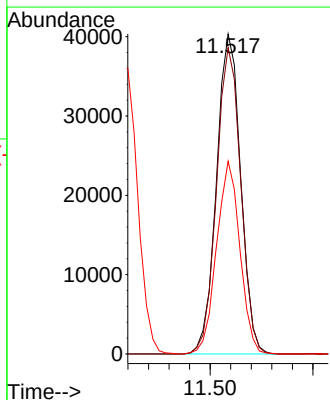
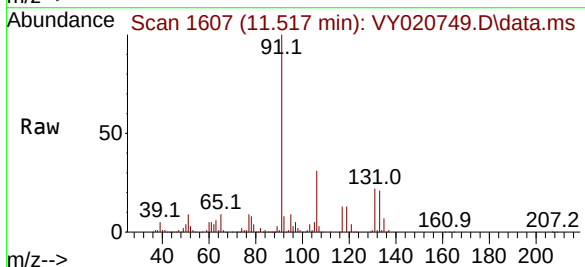
Instrument :
MSVOA_Y
ClientSampleId :

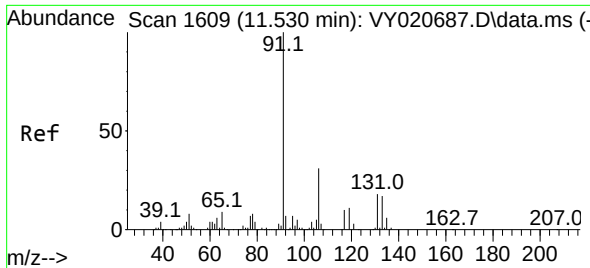
Tgt Ion:112 Resp: 171927
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.582 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.007 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion:131 Resp: 65782
Ion Ratio Lower Upper
131 100
133 95.8 48.6 145.9
119 58.2 28.4 85.3

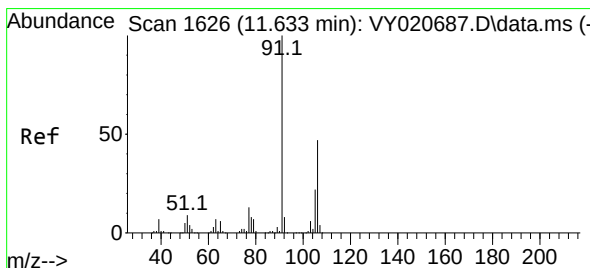
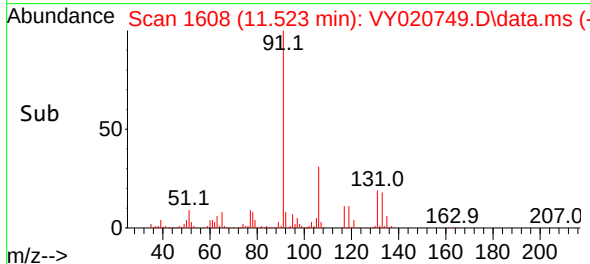
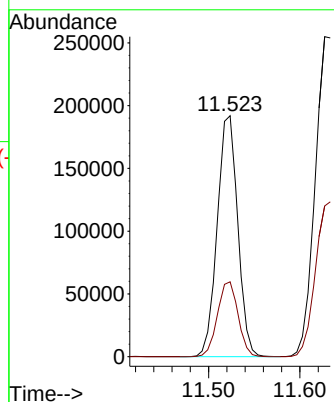
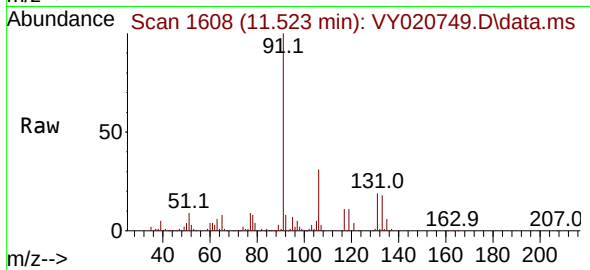




#67
Ethyl Benzene
Concen: 51.110 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.007 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

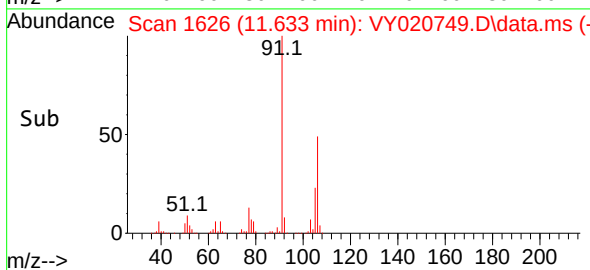
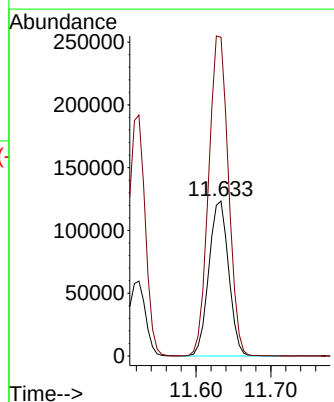
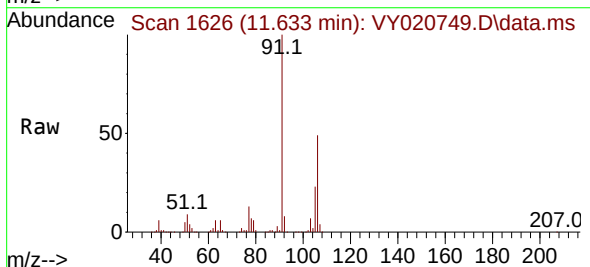
Instrument :
MSVOA_Y
ClientSampleId :

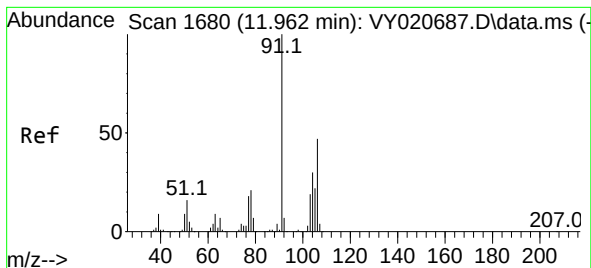
Tgt Ion: 91 Resp: 299860
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 101.311 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion:106 Resp: 226733
Ion Ratio Lower Upper
106 100
91 206.7 166.6 250.0





#69

o-Xylene

Concen: 51.177 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

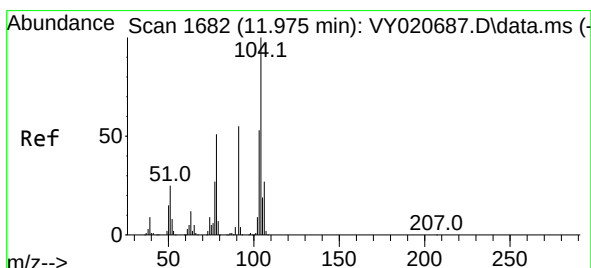
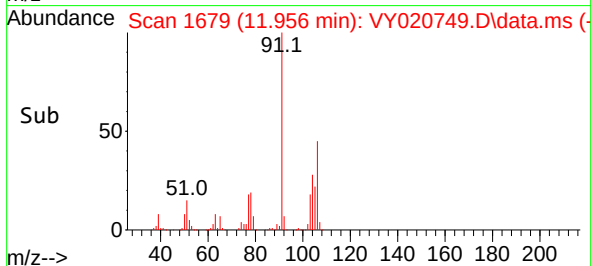
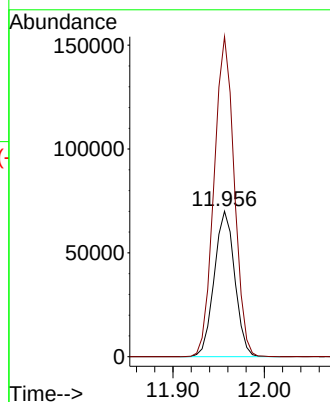
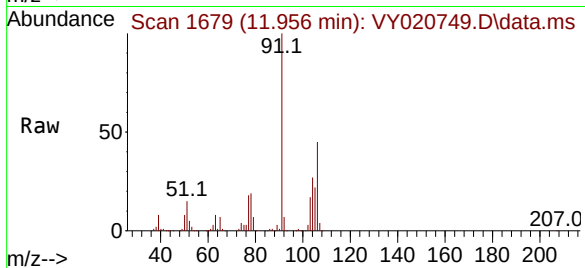
ClientSampleId :

Tgt Ion:106 Resp: 109428

Ion Ratio Lower Upper

106 100

91 216.0 108.6 325.8



#70

Styrene

Concen: 52.609 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

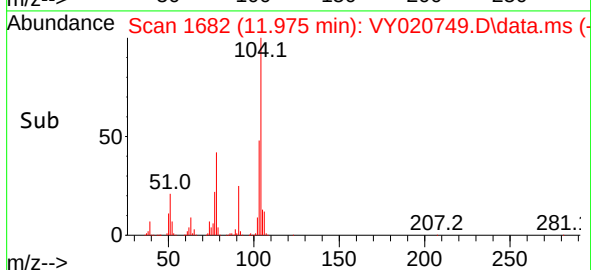
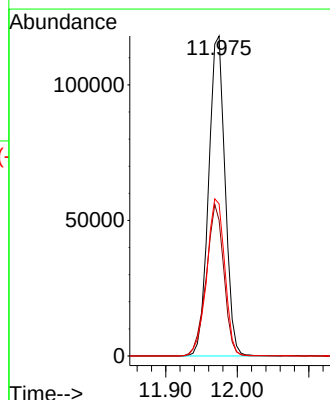
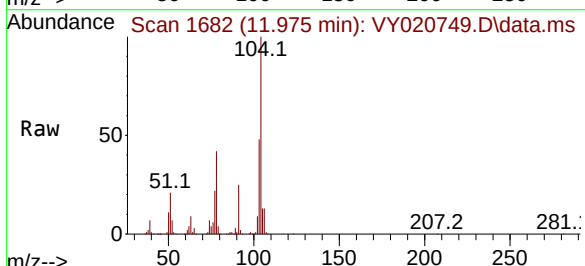
Tgt Ion:104 Resp: 188839

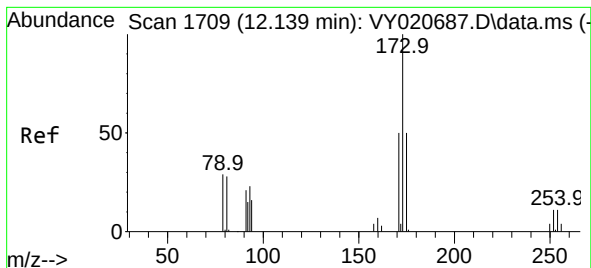
Ion Ratio Lower Upper

104 100

78 50.7 43.0 64.4

103 53.9 44.4 66.6





#71

Bromoform

Concen: 53.603 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

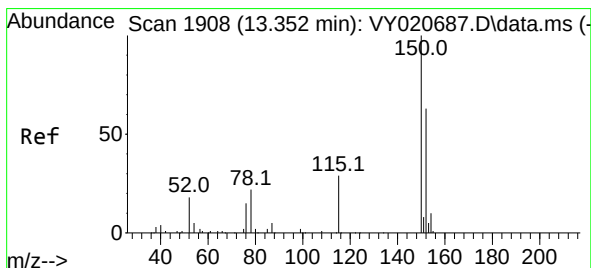
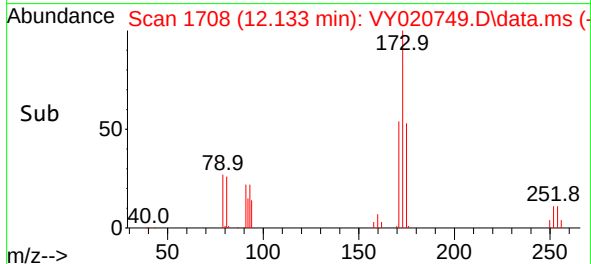
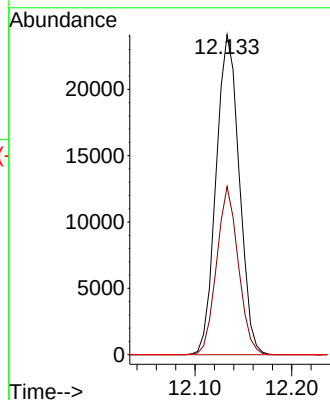
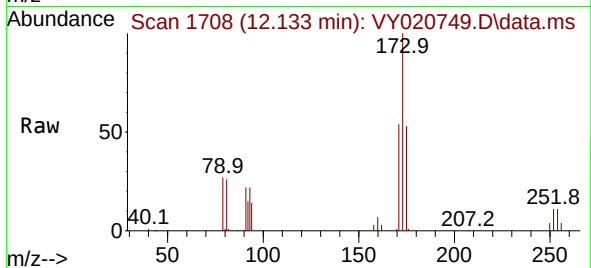
Tgt Ion:173 Resp: 40078

Ion Ratio Lower Upper

173 100

175 49.3 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

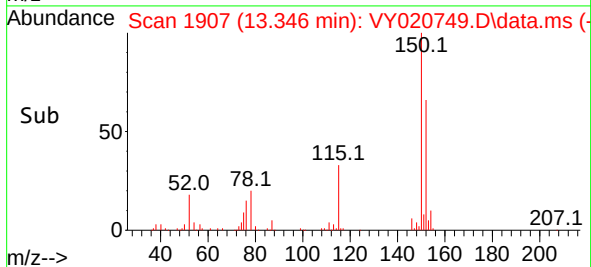
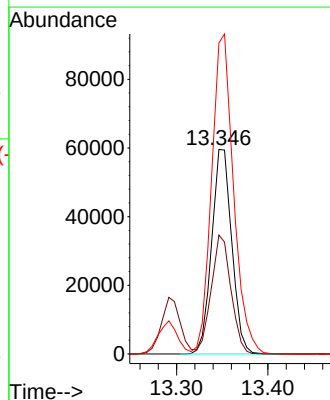
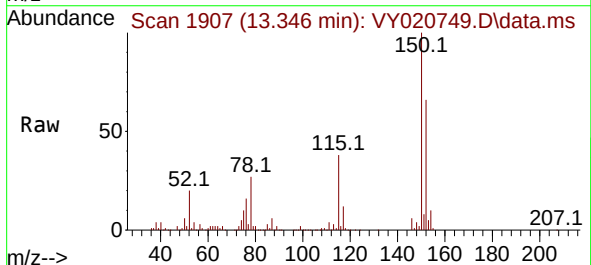
Tgt Ion:152 Resp: 91108

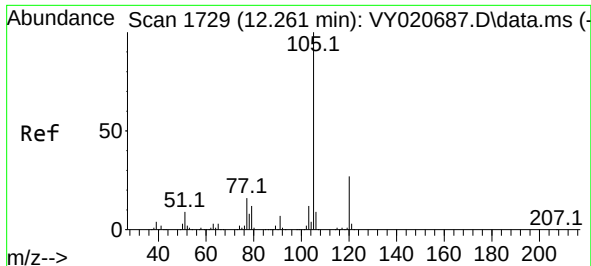
Ion Ratio Lower Upper

152 100

115 56.9 30.3 90.9

150 170.6 0.0 349.0

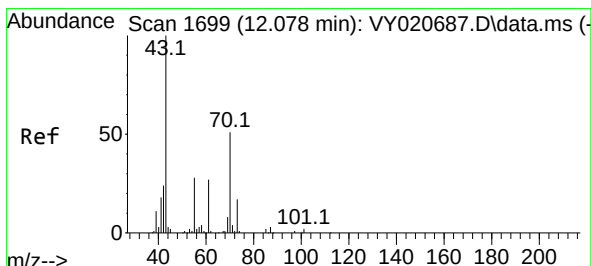
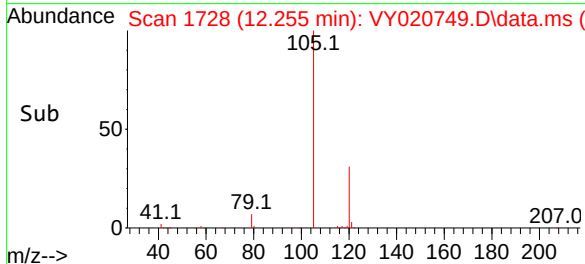
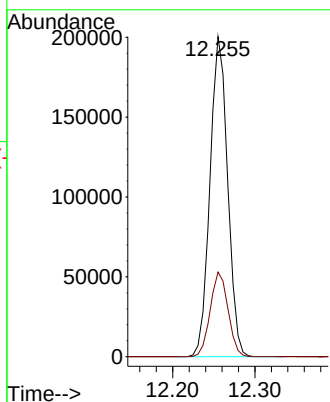
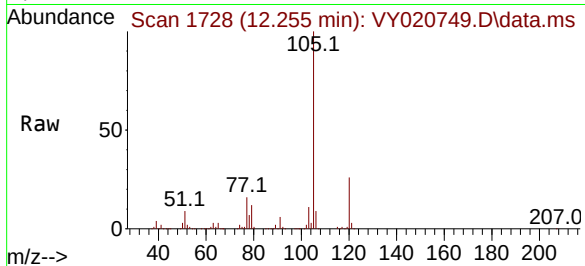




#73
Isopropylbenzene
Concen: 47.377 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

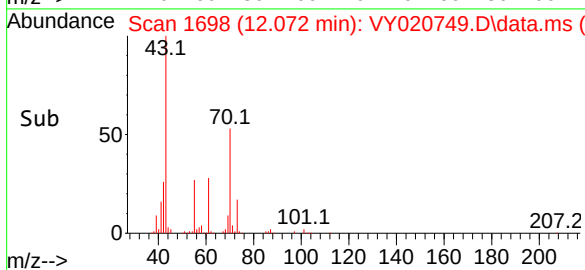
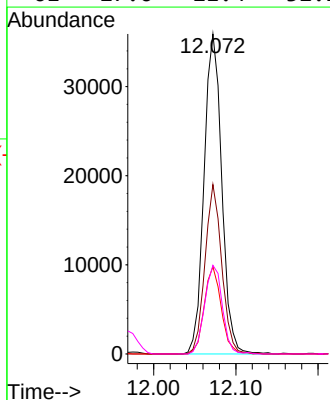
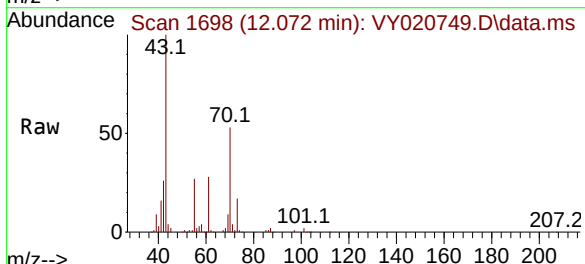
Instrument :
MSVOA_Y
ClientSampleId :

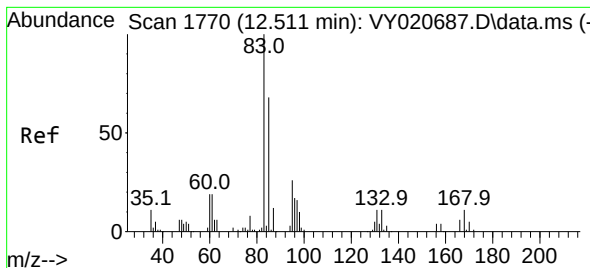
Tgt Ion:105 Resp: 299051
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 59.896 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion: 43 Resp: 53726
Ion Ratio Lower Upper
43 100
70 50.2 39.7 59.5
55 26.3 21.5 32.3
61 27.6 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 57.296 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

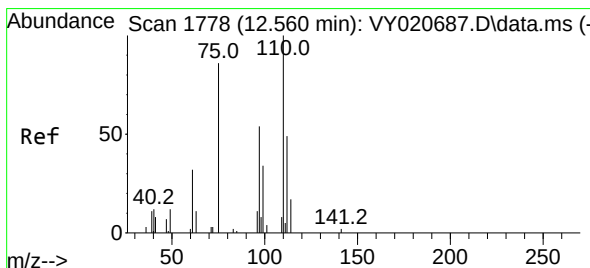
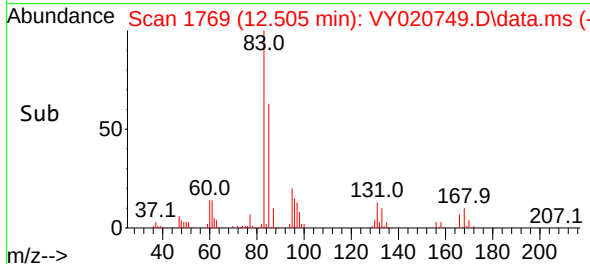
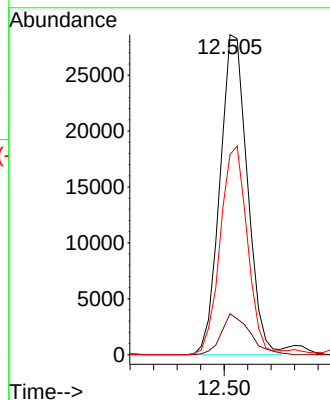
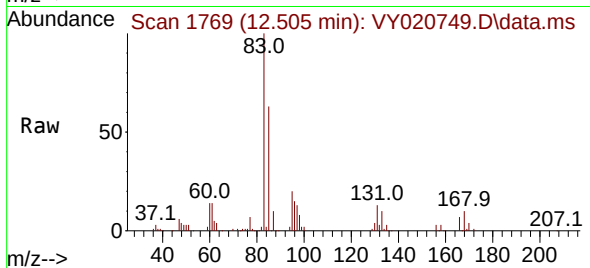
Tgt Ion: 83 Resp: 46363

Ion Ratio Lower Upper

83 100

131 13.2 6.9 20.7

85 64.7 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 111.059 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY020749.D

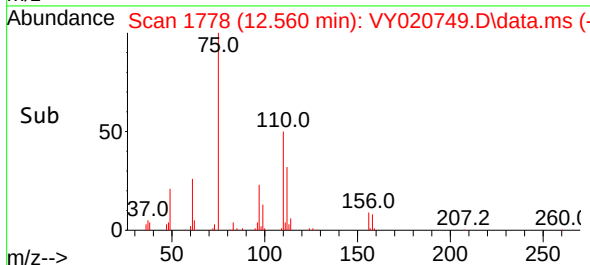
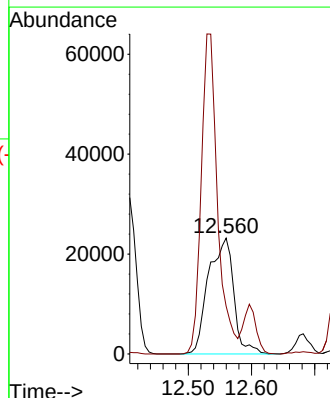
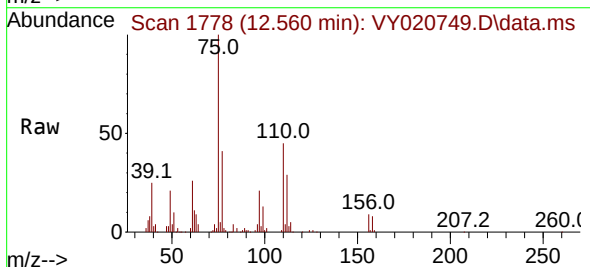
Acq: 27 Dec 2024 19:04

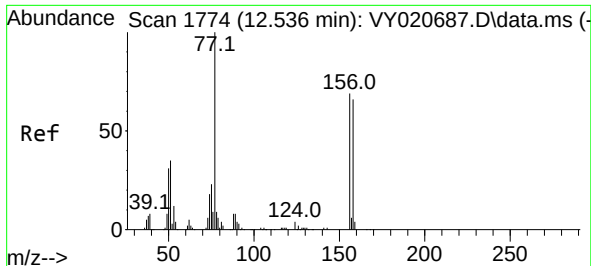
Tgt Ion: 75 Resp: 64354

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

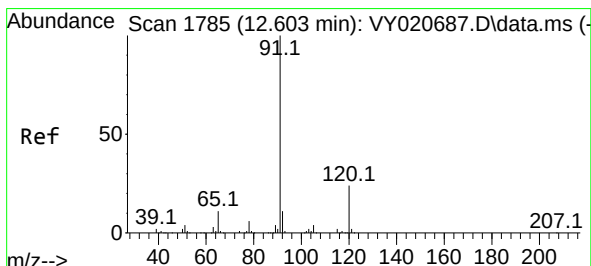
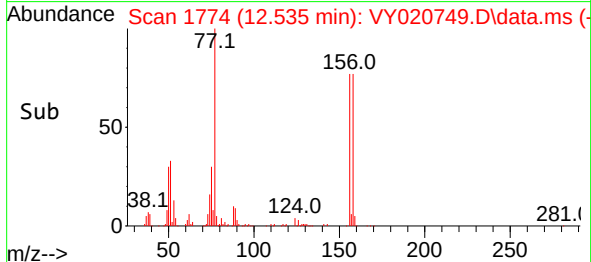
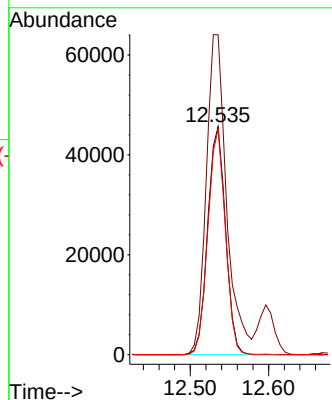
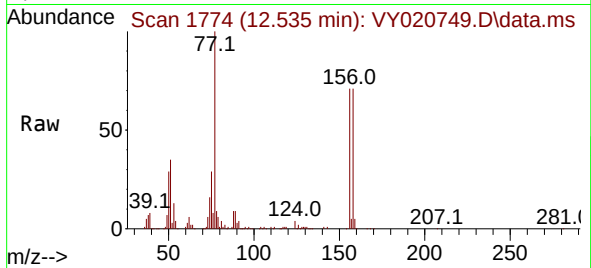




#77
Bromobenzene
Concen: 49.490 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. -0.001 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

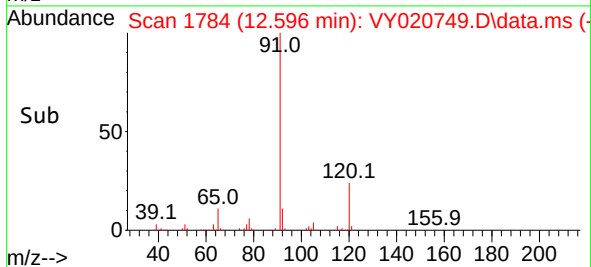
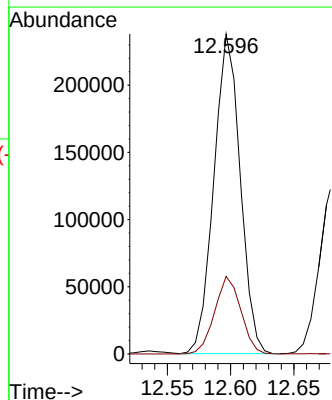
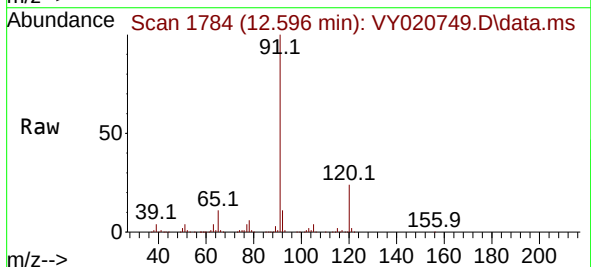
Instrument :
MSVOA_Y
ClientSampleId :

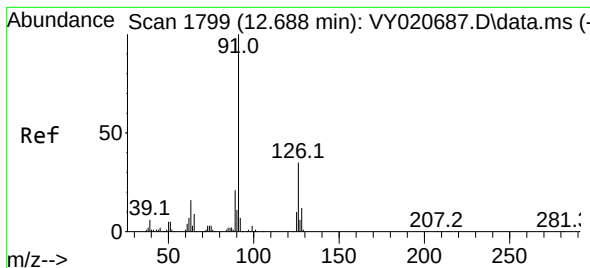
Tgt Ion:156 Resp: 71910
Ion Ratio Lower Upper
156 100
77 160.5 78.3 235.0
158 96.9 48.3 144.9



#78
n-propylbenzene
Concen: 48.626 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.007 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion: 91 Resp: 344011
Ion Ratio Lower Upper
91 100
120 24.1 12.3 36.8

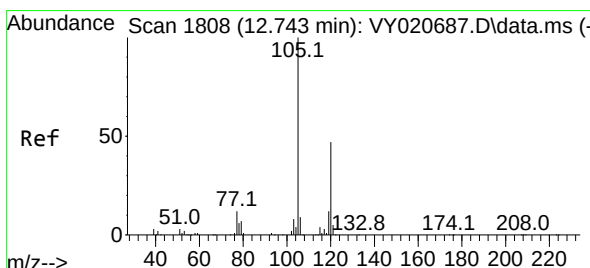
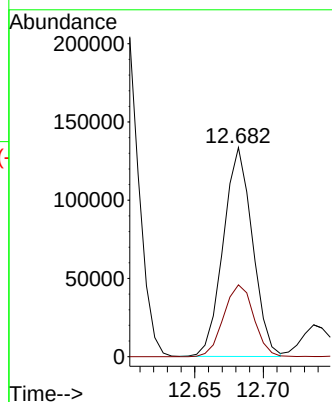
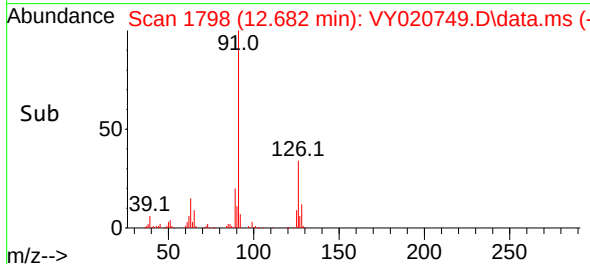
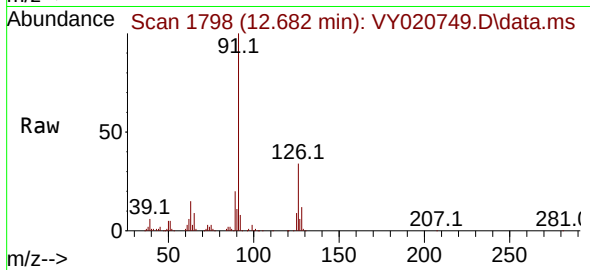




#79
2-Chlorotoluene
Concen: 49.130 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

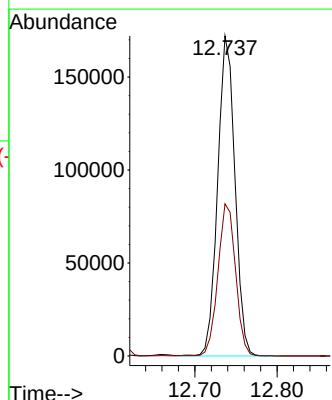
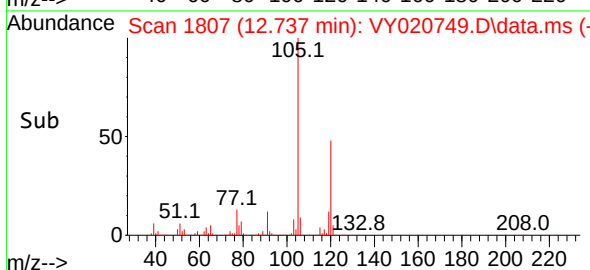
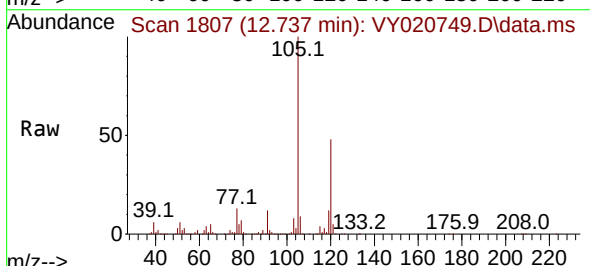
Instrument :
MSVOA_Y
ClientSampleId :

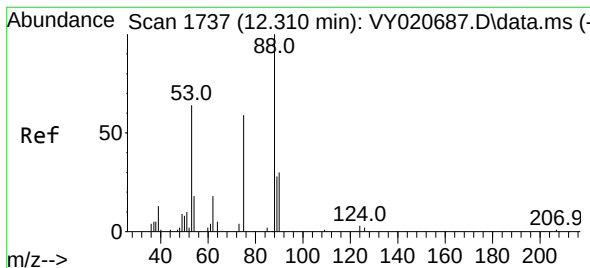
Tgt Ion: 91 Resp: 198143
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 47.837 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion: 105 Resp: 251572
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

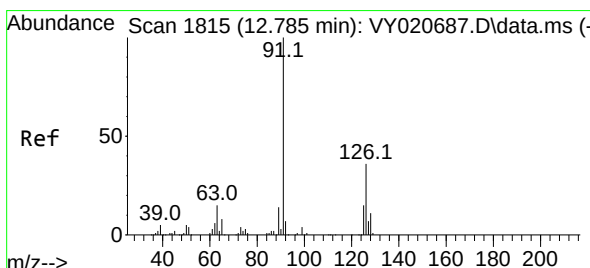
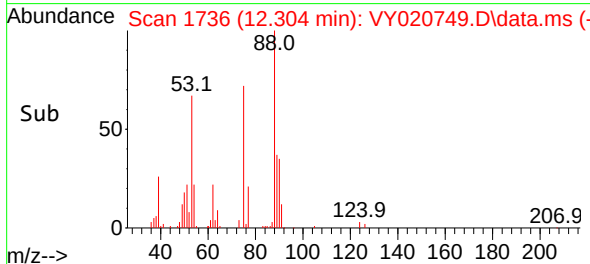
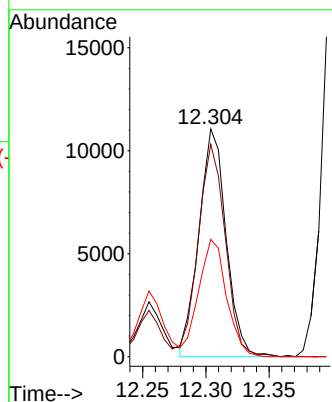
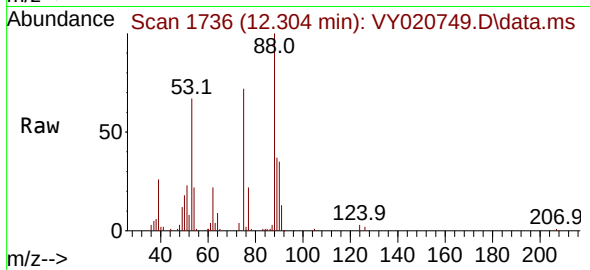




#81
trans-1,4-Dichloro-2-butene
Concen: 56.611 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

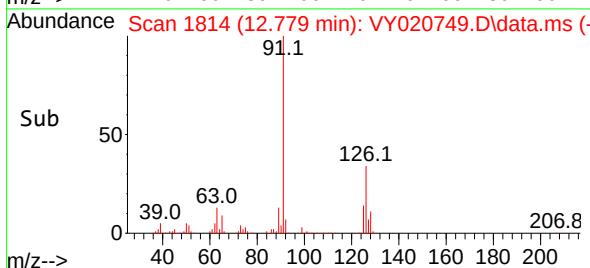
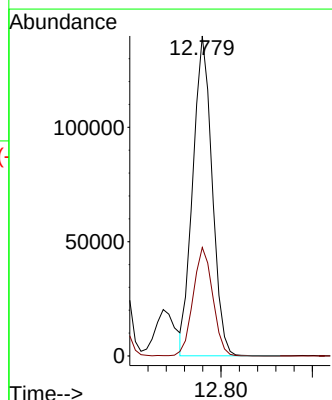
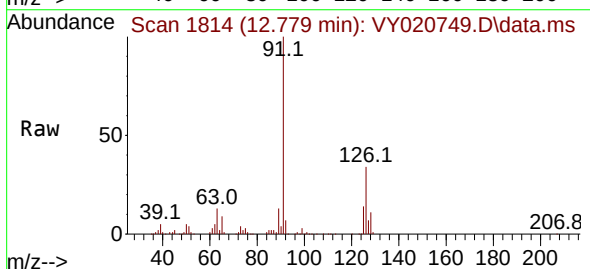
Instrument :
MSVOA_Y
ClientSampleId :

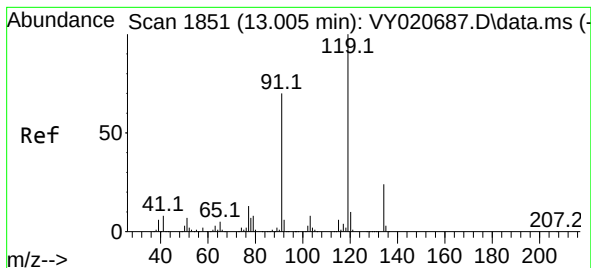
Tgt Ion: 75 Resp: 16596
Ion Ratio Lower Upper
75 100
53 93.3 83.1 124.7
89 52.7 40.6 61.0



#82
4-Chlorotoluene
Concen: 49.108 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020749.D
Acq: 27 Dec 2024 19:04

Tgt Ion: 91 Resp: 204685
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.5





#83

tert-Butylbenzene

Concen: 47.027 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

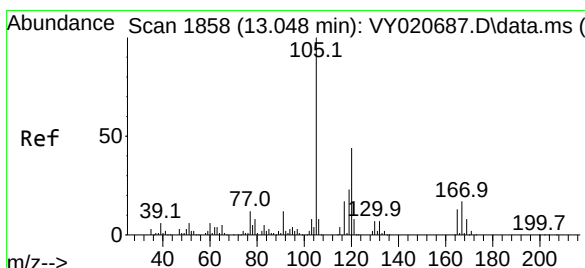
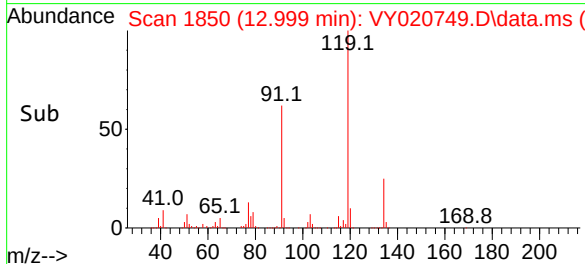
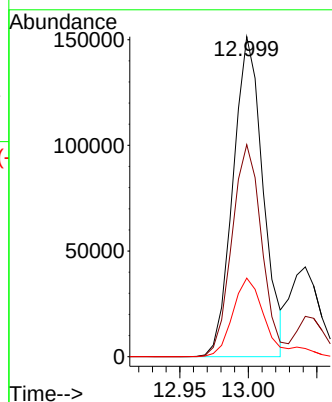
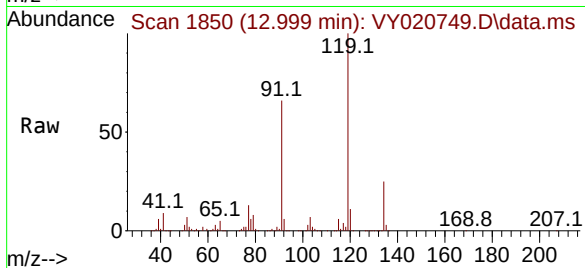
Tgt Ion:119 Resp: 230960

Ion Ratio Lower Upper

119 100

91 66.4 33.6 100.8

134 27.2 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 49.003 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020749.D

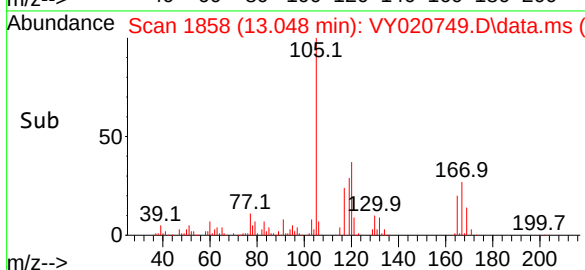
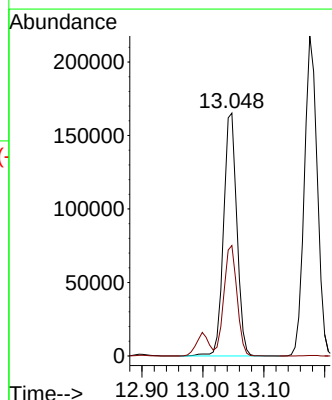
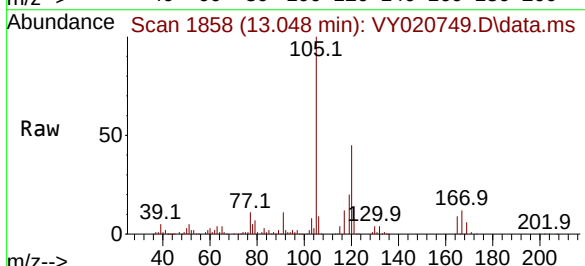
Acq: 27 Dec 2024 19:04

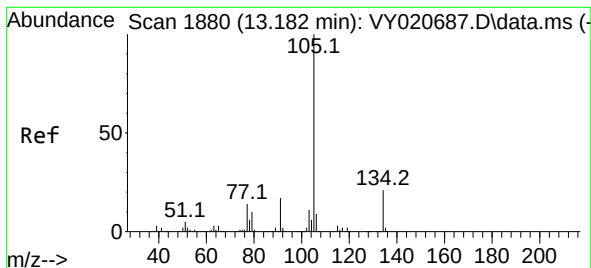
Tgt Ion:105 Resp: 250778

Ion Ratio Lower Upper

105 100

120 44.9 21.8 65.3





#85

sec-Butylbenzene

Concen: 48.282 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

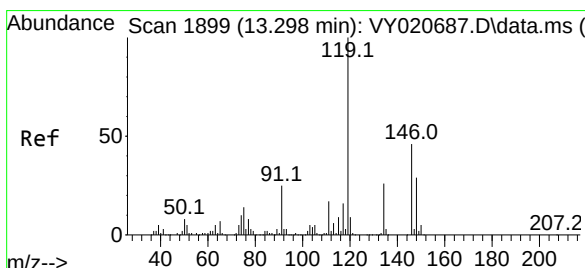
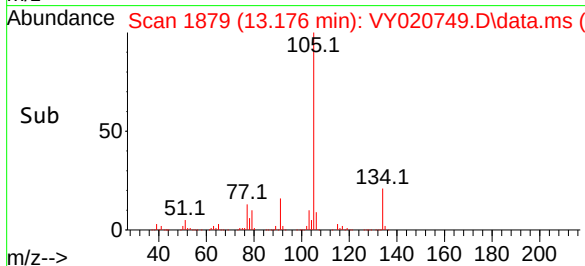
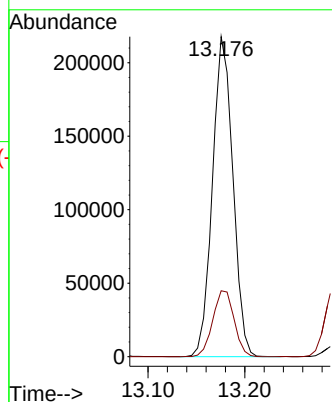
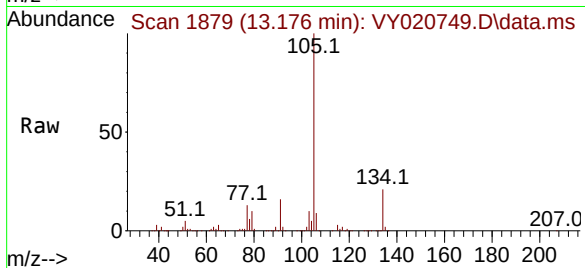
ClientSampleId :

Tgt Ion:105 Resp: 319577

Ion Ratio Lower Upper

105 100

134 21.5 10.7 32.1



#86

p-Isopropyltoluene

Concen: 47.933 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.007 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

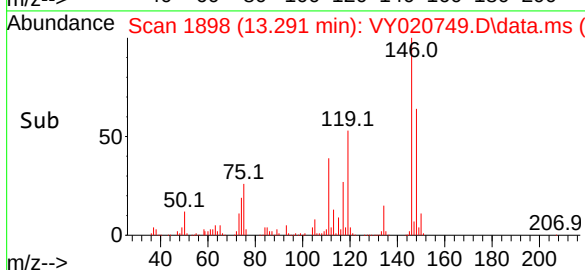
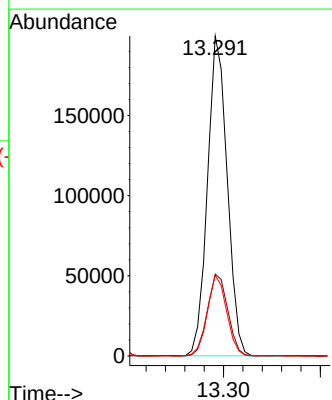
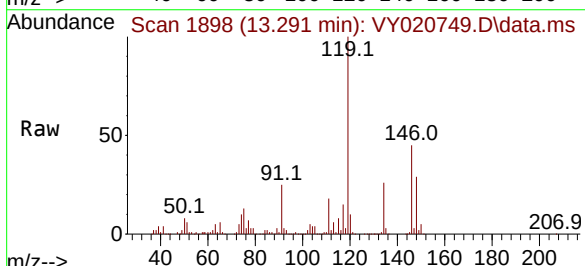
Tgt Ion:119 Resp: 282749

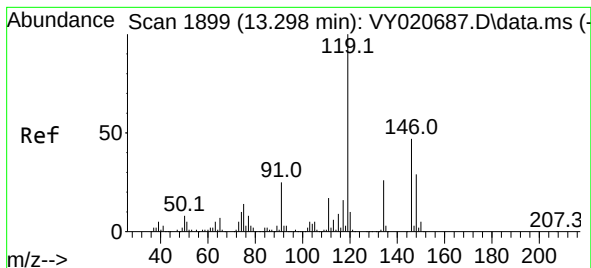
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 25.0 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 48.722 ug/l

RT: 13.291 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

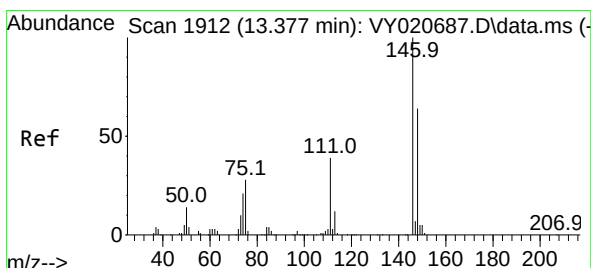
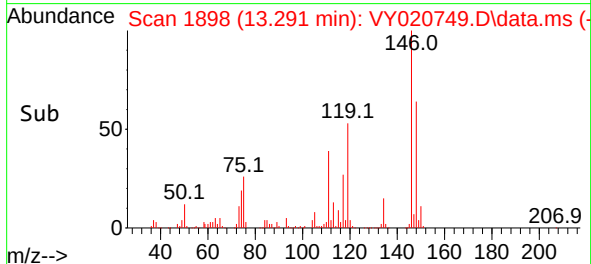
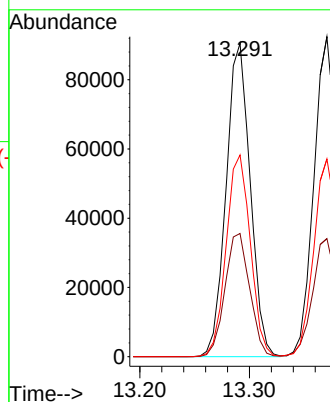
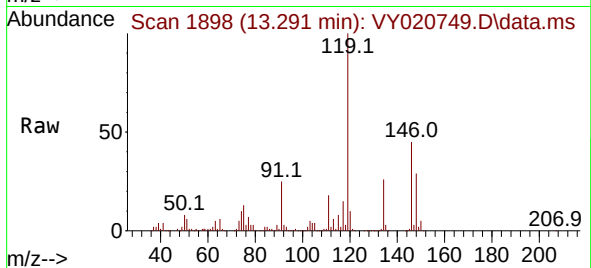
Tgt Ion:146 Resp: 138363

Ion Ratio Lower Upper

146 100

111 40.3 19.3 57.8

148 64.6 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 49.392 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

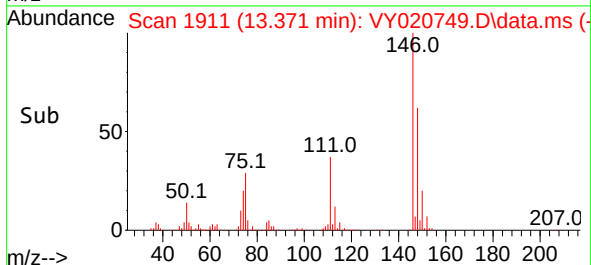
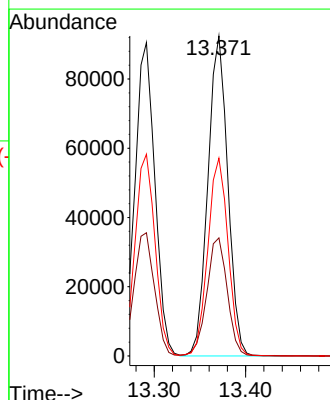
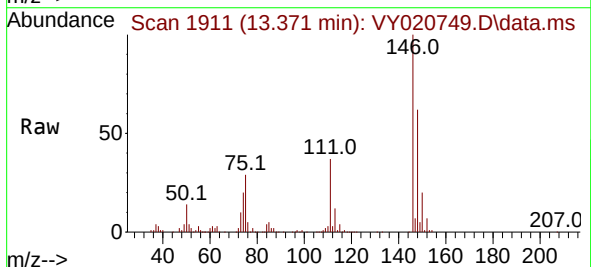
Tgt Ion:146 Resp: 139532

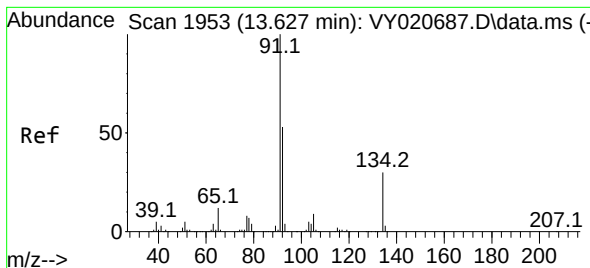
Ion Ratio Lower Upper

146 100

111 37.9 19.7 59.0

148 62.9 32.8 98.3





#89

n-Butylbenzene

Concen: 49.087 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

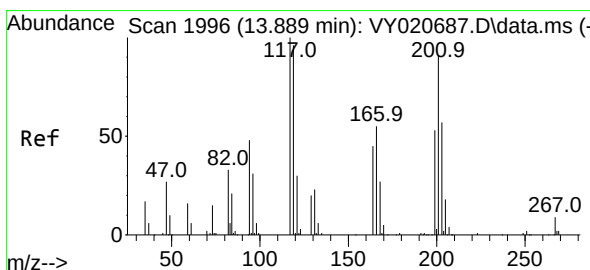
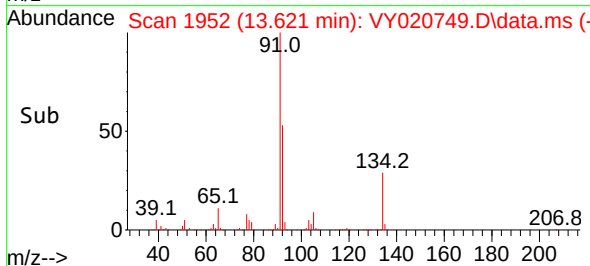
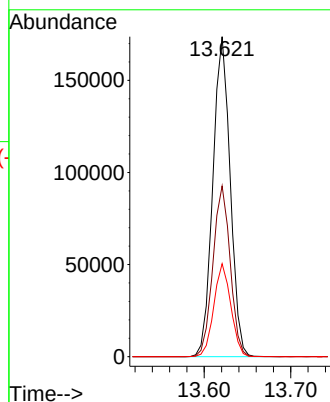
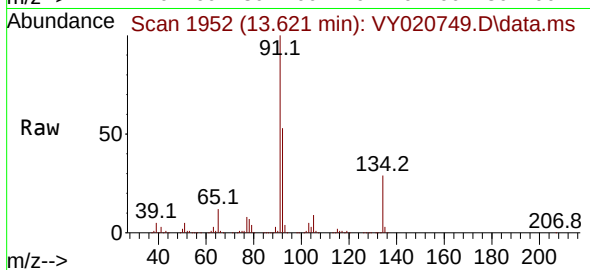
Tgt Ion: 91 Resp: 241705

Ion Ratio Lower Upper

91 100

92 53.2 26.1 78.2

134 28.5 14.8 44.4



#90

Hexachloroethane

Concen: 47.540 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020749.D

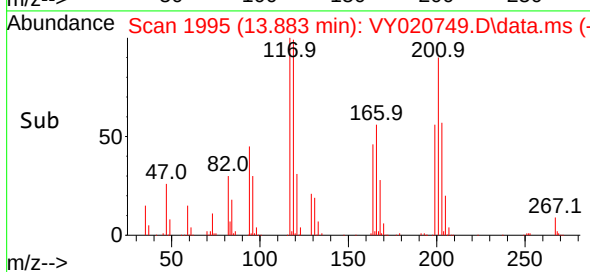
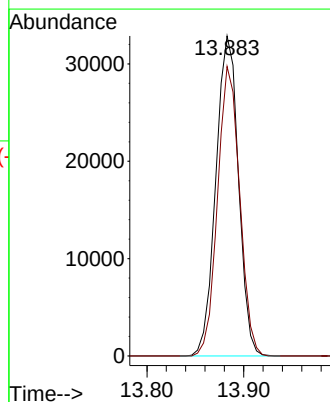
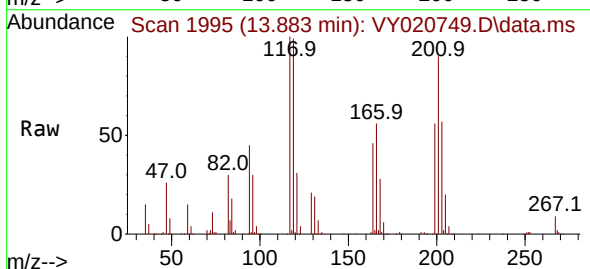
Acq: 27 Dec 2024 19:04

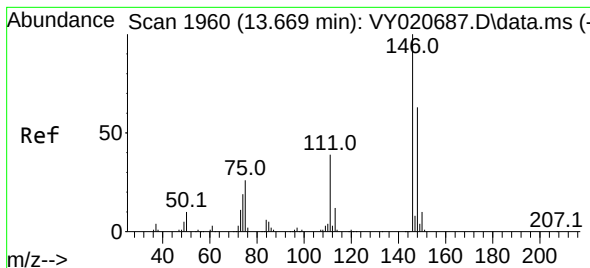
Tgt Ion:117 Resp: 53324

Ion Ratio Lower Upper

117 100

201 88.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 50.335 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

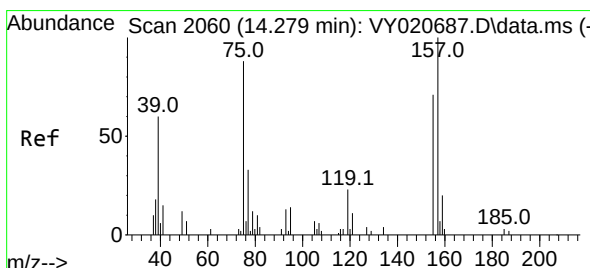
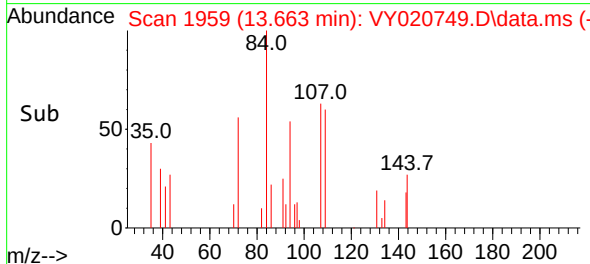
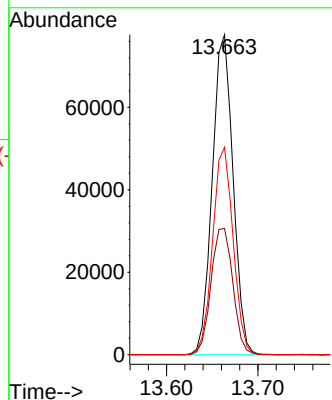
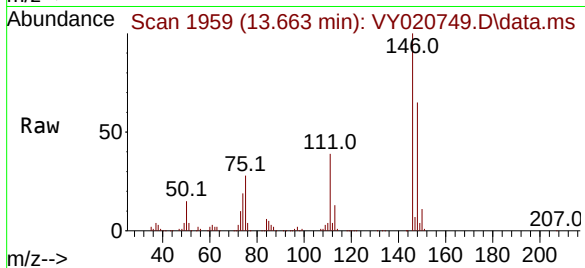
Tgt Ion:146 Resp: 122565

Ion Ratio Lower Upper

146 100

111 41.4 20.3 60.8

148 64.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.471 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

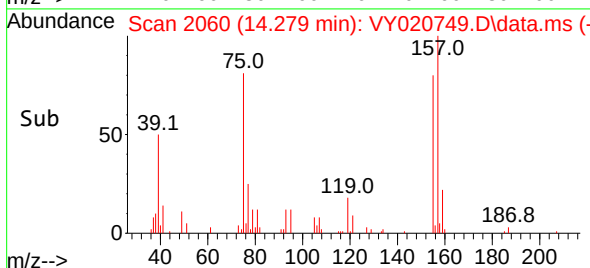
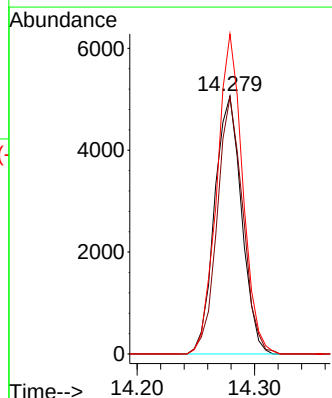
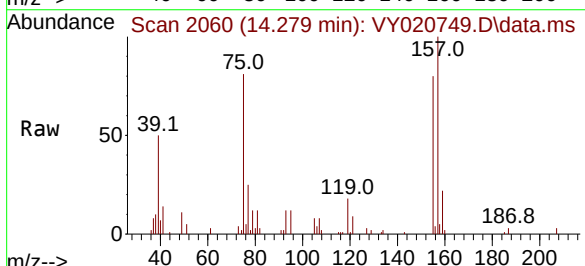
Tgt Ion: 75 Resp: 8078

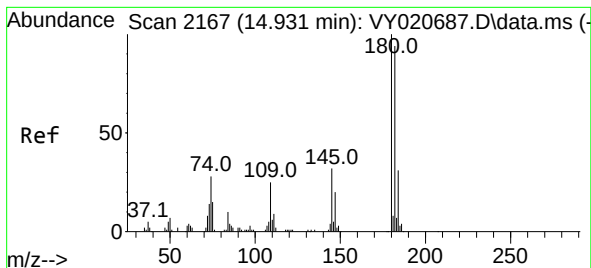
Ion Ratio Lower Upper

75 100

155 94.6 43.4 130.2

157 118.5 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 50.910 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

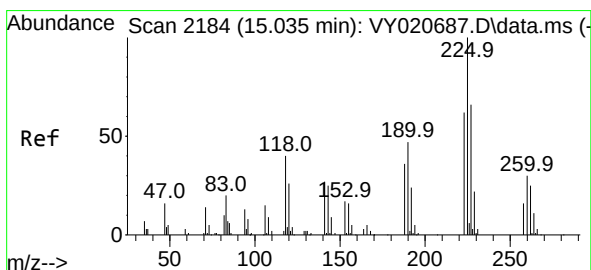
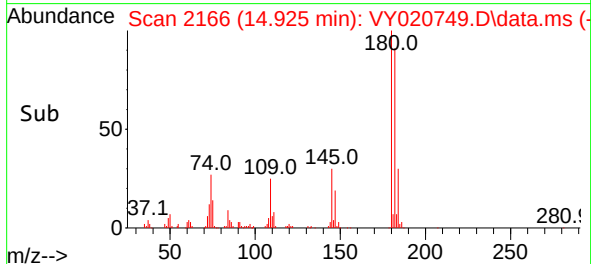
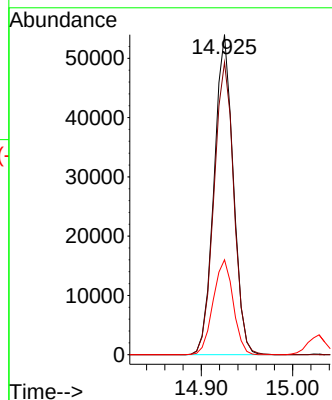
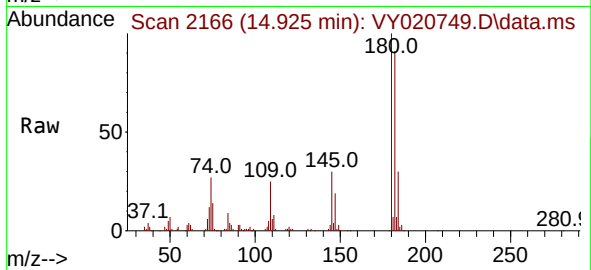
Tgt Ion:180 Resp: 78794

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 30.9 15.6 46.8



#94

Hexachlorobutadiene

Concen: 47.221 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

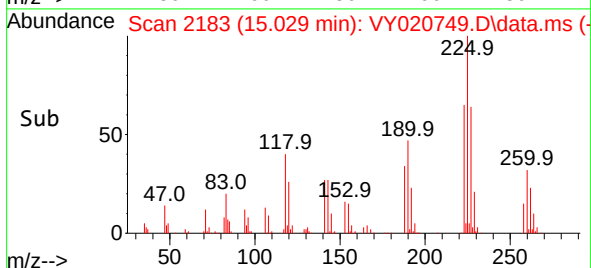
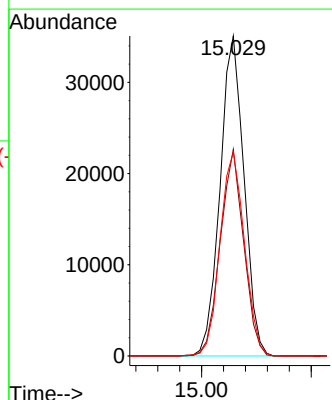
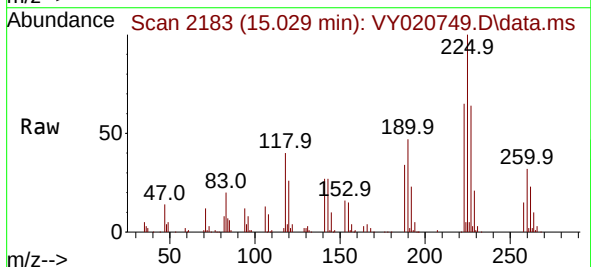
Tgt Ion:225 Resp: 53265

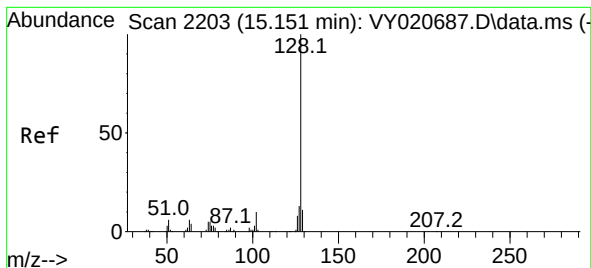
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 65.1 32.1 96.5





#95

Naphthalene

Concen: 54.711 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Instrument :

MSVOA_Y

ClientSampleId :

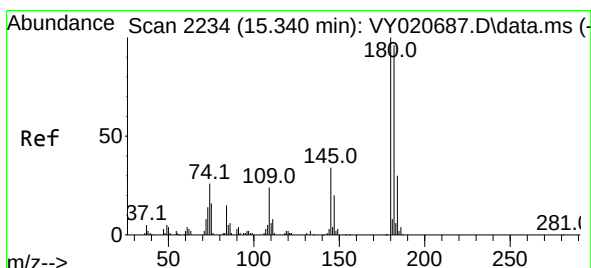
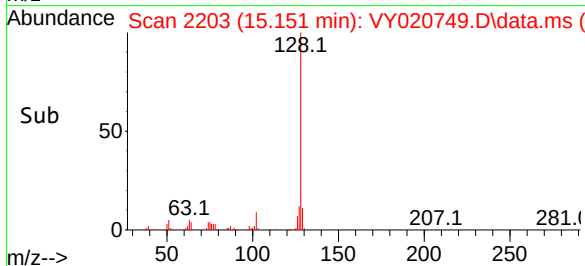
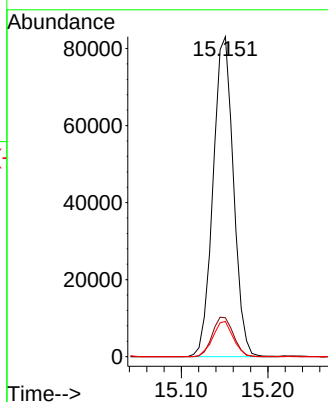
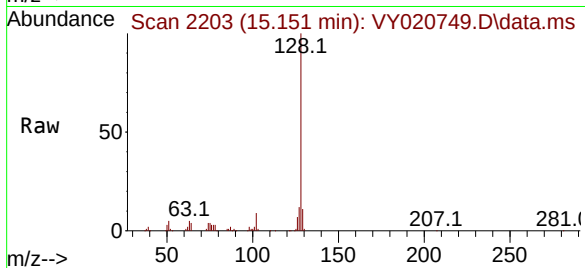
Tgt Ion:128 Resp: 135621

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.825 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020749.D

Acq: 27 Dec 2024 19:04

Tgt Ion:180 Resp: 66785

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.2

145 32.4 16.7 50.1

