

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020730.D
 Acq On : 27 Dec 2024 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 02:58:58 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	7.719	168	133845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	187374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	158006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	79722	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	57614	52.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.100%	
35) Dibromofluoromethane	7.652	113	54795	53.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.180%	
50) Toluene-d8	10.115	98	216107	52.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	12.414	95	72054	52.533	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 105.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	51228	48.626	ug/l	95
3) Chloromethane	2.080	50	23141	58.897	ug/l	97
4) Vinyl Chloride	2.214	62	26766	54.983	ug/l	89
5) Bromomethane	2.610	94	18970	51.612	ug/l	98
6) Chloroethane	2.751	64	16702	57.192	ug/l	92
7) Trichlorofluoromethane	3.080	101	91073	48.649	ug/l	100
8) Diethyl Ether	3.470	74	23214	52.112	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.836	101	52713	51.291	ug/l	98
10) Methyl Iodide	4.025	142	59452	52.901	ug/l	95
11) Tert butyl alcohol	4.891	59	14856	213.899	ug/l #	88
12) 1,1-Dichloroethene	3.805	96	47296	51.703	ug/l	98
13) Acrolein	3.665	56	3847	167.861	ug/l	93
14) Allyl chloride	4.403	41	58687	54.824	ug/l	92
15) Acrylonitrile	5.073	53	43598	253.347	ug/l	96
16) Acetone	3.885	43	29746	213.880	ug/l	98
17) Carbon Disulfide	4.128	76	123531	55.051	ug/l	99
18) Methyl Acetate	4.397	43	19514	51.842	ug/l	97
19) Methyl tert-butyl Ether	5.134	73	123169	48.308	ug/l	96
20) Methylene Chloride	4.634	84	47276	52.265	ug/l	96
21) trans-1,2-Dichloroethene	5.134	96	51566	52.312	ug/l	98
22) Diisopropyl ether	6.037	45	118838	54.611	ug/l	98
23) Vinyl Acetate	5.982	43	334445	257.310	ug/l	98
24) 1,1-Dichloroethane	5.939	63	85791	52.584	ug/l	99
25) 2-Butanone	6.908	43	46137	245.577	ug/l	95
26) 2,2-Dichloropropane	6.902	77	96125	48.137	ug/l	99
27) cis-1,2-Dichloroethene	6.908	96	60776	51.485	ug/l	98
28) Bromochloromethane	7.262	49	27369	63.435	ug/l	98
29) Tetrahydrofuran	7.274	42	28016	242.943	ug/l	99
30) Chloroform	7.439	83	102428	48.804	ug/l	94
31) Cyclohexane	7.713	56	68981	48.982	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	108074	48.039	ug/l	99
36) 1,1-Dichloropropene	7.847	75	70228	51.513	ug/l	98
37) Ethyl Acetate	7.000	43	22212	49.443	ug/l	98
38) Carbon Tetrachloride	7.835	117	107755	47.999	ug/l	98
39) Methylcyclohexane	9.121	83	91105	52.137	ug/l	98
40) Benzene	8.091	78	203662	51.545	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	12968	57.145	ug/l	96
42) 1,2-Dichloroethane	8.170	62	59741	47.154	ug/l	98
43) Isopropyl Acetate	8.207	43	46484	48.680	ug/l	99
44) Trichloroethene	8.878	130	59012	50.005	ug/l	98
45) 1,2-Dichloropropane	9.152	63	42264	52.843	ug/l	96
46) Dibromomethane	9.243	93	26669	48.192	ug/l	99
47) Bromodichloromethane	9.432	83	76106	48.509	ug/l	95
48) Methyl methacrylate	9.231	41	21784	48.851	ug/l	95
49) 1,4-Dioxane	9.243	88	5205	987.428	ug/l	90
51) 4-Methyl-2-Pentanone	10.005	43	112082	243.182	ug/l	99
52) Toluene	10.182	92	138423	51.115	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	68883	49.988	ug/l	96
54) cis-1,3-Dichloropropene	9.865	75	77141	51.073	ug/l	99
55) 1,1,2-Trichloroethane	10.585	97	34585	48.960	ug/l	98
56) Ethyl methacrylate	10.450	69	45059	48.555	ug/l	98
57) 1,3-Dichloropropane	10.725	76	58035	50.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	90878	280.828	ug/l	97
59) 2-Hexanone	10.767	43	73439	241.330	ug/l	100
60) Dibromochloromethane	10.920	129	54194	47.479	ug/l	99
61) 1,2-Dibromoethane	11.024	107	31902	47.996	ug/l	98
64) Tetrachloroethene	10.658	164	55299	51.226	ug/l	97
65) Chlorobenzene	11.450	112	155423	50.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	59092	49.299	ug/l	99
67) Ethyl Benzene	11.530	91	278643	51.530	ug/l	98
68) m/p-Xylenes	11.639	106	210736	102.165	ug/l	99
69) o-Xylene	11.962	106	100416	50.953	ug/l	99
70) Styrene	11.981	104	169065	51.103	ug/l	98
71) Bromoform	12.139	173	33360	48.410	ug/l #	98
73) Isopropylbenzene	12.261	105	281788	51.018	ug/l	100
74) N-amyl acetate	12.078	43	40220	51.243	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	35282	49.829	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	50055	98.719	ug/l #	100
77) Bromobenzene	12.542	156	63340	49.818	ug/l	99
78) n-propylbenzene	12.603	91	320025	51.696	ug/l	100
79) 2-Chlorotoluene	12.688	91	182465	51.704	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	230643	50.121	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	12742	49.672	ug/l	95
82) 4-Chlorotoluene	12.785	91	185289	50.803	ug/l	100
83) tert-Butylbenzene	13.005	119	212202	49.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	228098	50.937	ug/l	98
85) sec-Butylbenzene	13.188	105	294934	50.923	ug/l	99
86) p-Isopropyltoluene	13.298	119	261181	50.601	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	122537	49.311	ug/l	96
88) 1,4-Dichlorobenzene	13.377	146	121606	49.194	ug/l	98
89) n-Butylbenzene	13.627	91	220197	51.106	ug/l	98
90) Hexachloroethane	13.889	117	48174	49.082	ug/l	99
91) 1,2-Dichlorobenzene	13.669	146	106646	50.053	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	6343	46.188	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	65595	48.435	ug/l	99
94) Hexachlorobutadiene	15.035	225	47909	48.539	ug/l	99
95) Naphthalene	15.157	128	100561	46.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	53264	47.236	ug/l	99

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Quant Title : SW846 8260
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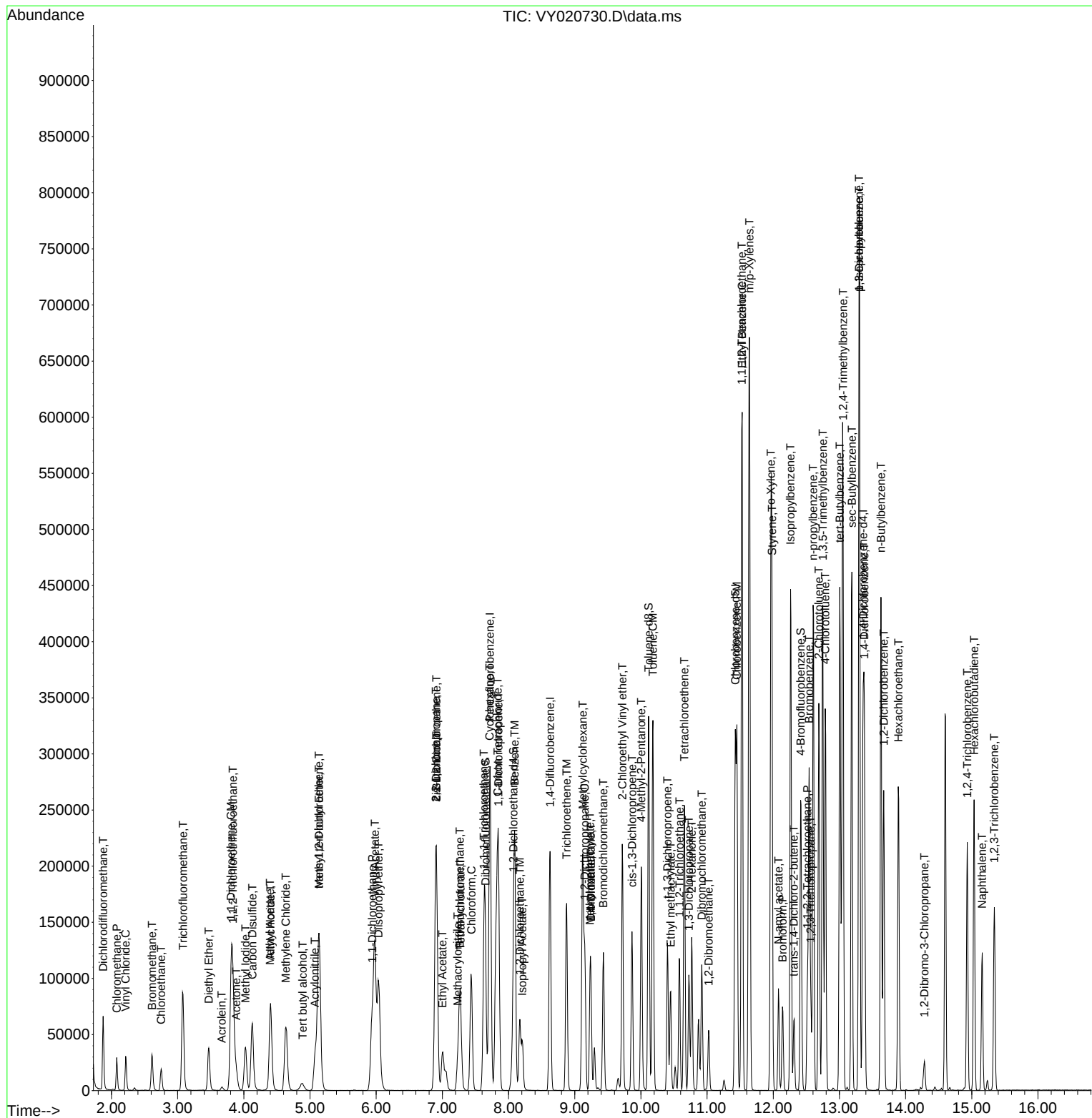
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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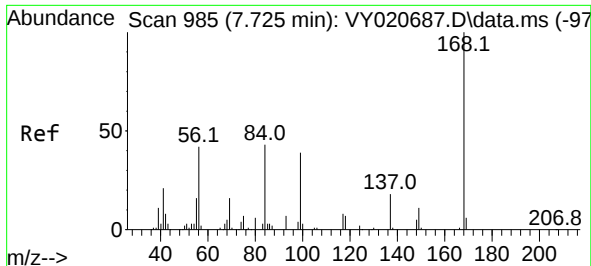
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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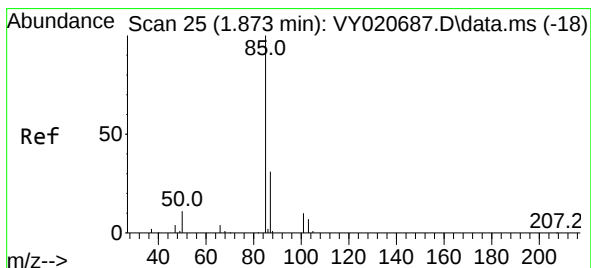
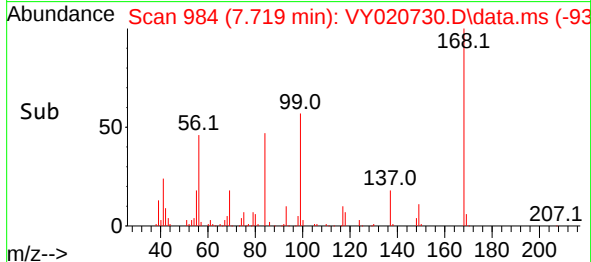
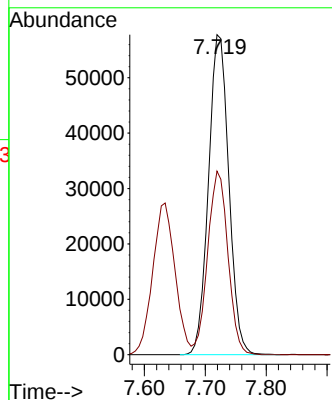
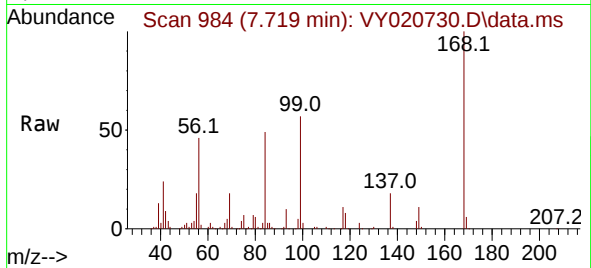




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020730.D
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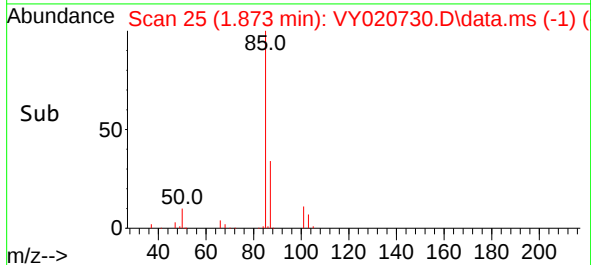
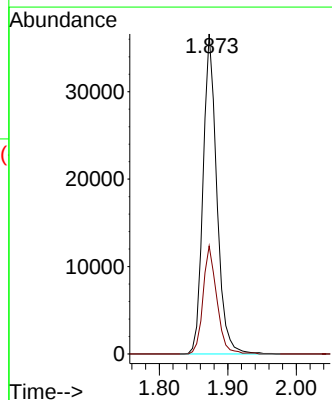
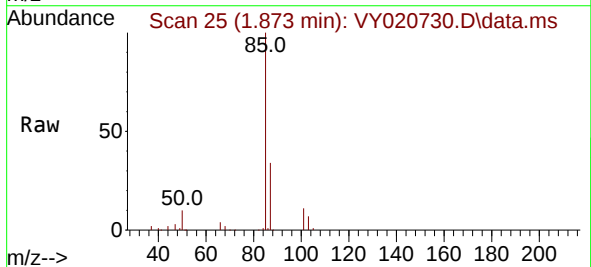
Instrument :
MSVOA_Y
ClientSampleId :

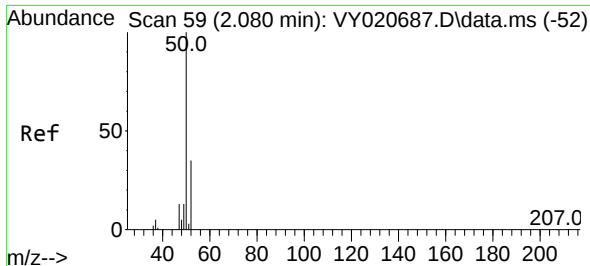
Tgt Ion:168 Resp: 133845
Ion Ratio Lower Upper
168 100
99 57.4 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 48.626 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 85 Resp: 51228
Ion Ratio Lower Upper
85 100
87 33.8 15.4 46.4



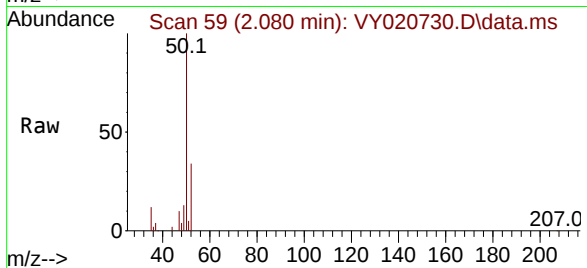


#3
Chloromethane
Concen: 58.897 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

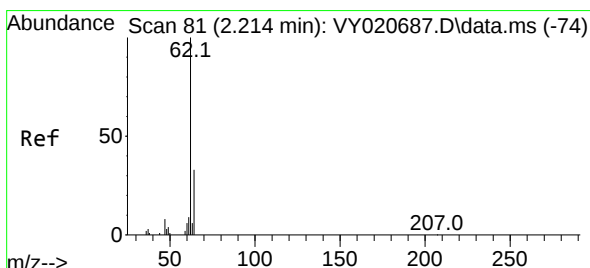
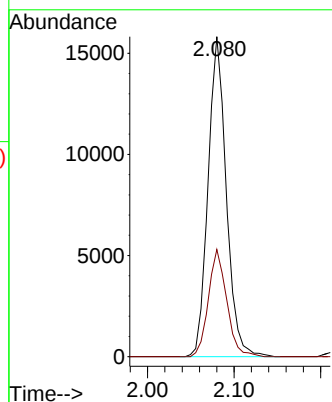
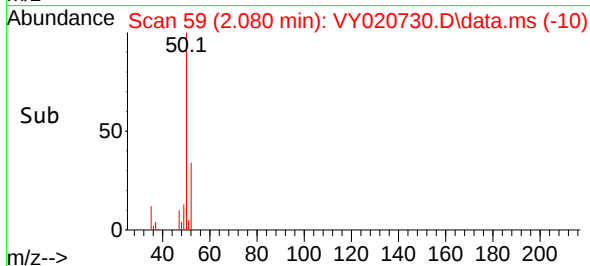
Instrument :

MSVOA_Y

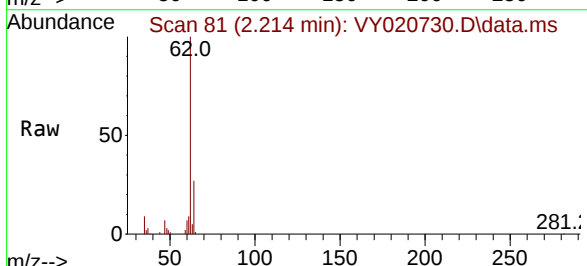
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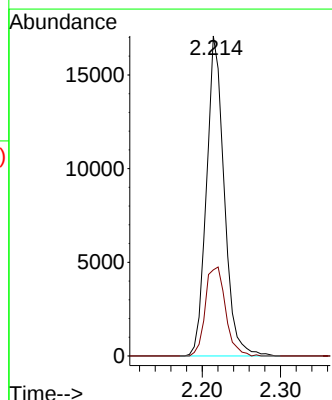
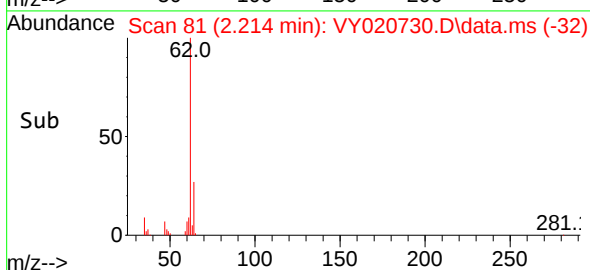
Tgt Ion: 50 Resp: 23141
Ion Ratio Lower Upper
50 100
52 33.5 28.2 42.2

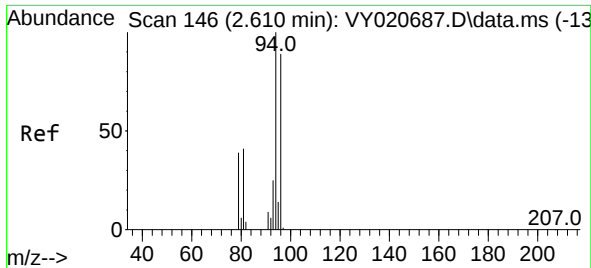


#4
Vinyl Chloride
Concen: 54.983 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20



Tgt Ion: 62 Resp: 26766
Ion Ratio Lower Upper
62 100
64 26.9 26.6 40.0

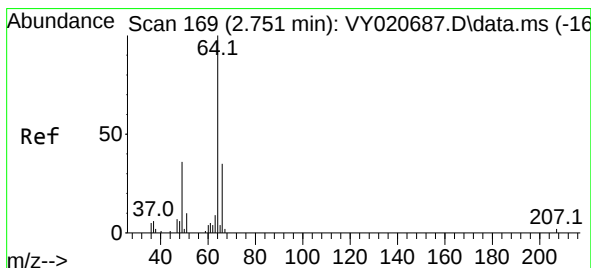
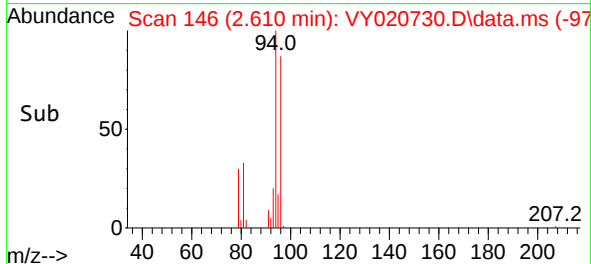
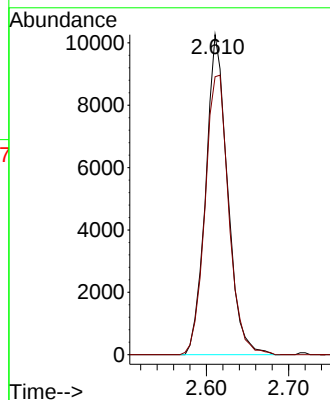
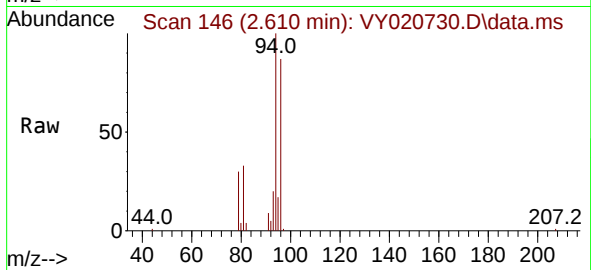




#5
Bromomethane
Concen: 51.612 ug/l
RT: 2.610 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020730.D
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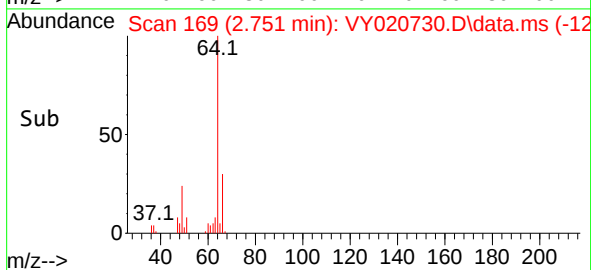
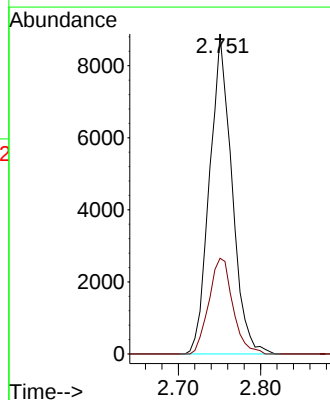
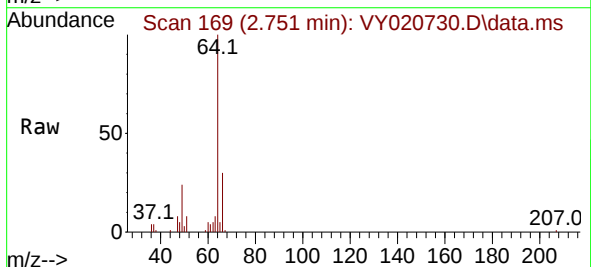
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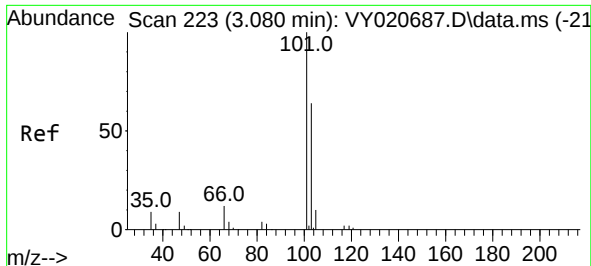
Tgt Ion: 94 Resp: 18970
Ion Ratio Lower Upper
94 100
96 86.9 71.0 106.6



#6
Chloroethane
Concen: 57.192 ug/l
RT: 2.751 min Scan# 169
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 64 Resp: 16702
Ion Ratio Lower Upper
64 100
66 29.9 27.8 41.8

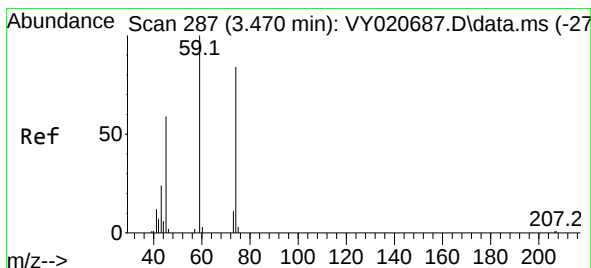
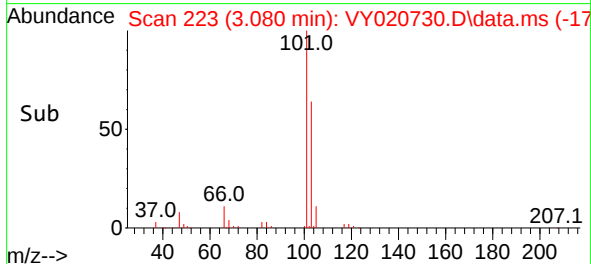
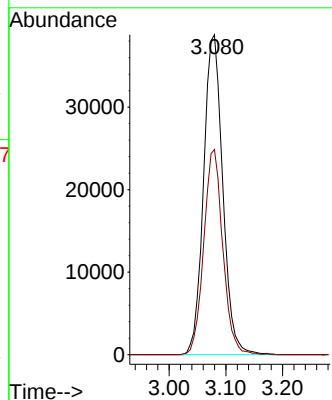
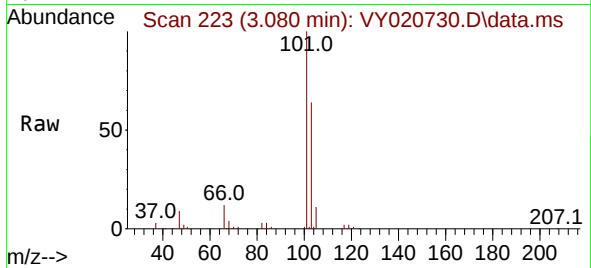




#7
 Trichlorofluoromethane
 Concen: 48.649 ug/l
 RT: 3.080 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY020730.D
 Acq: 27 Dec 2024 10:20

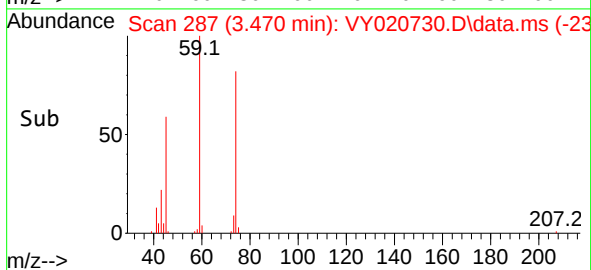
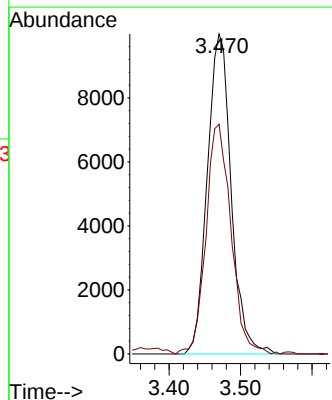
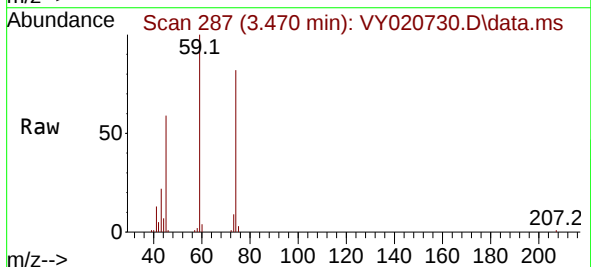
Instrument :
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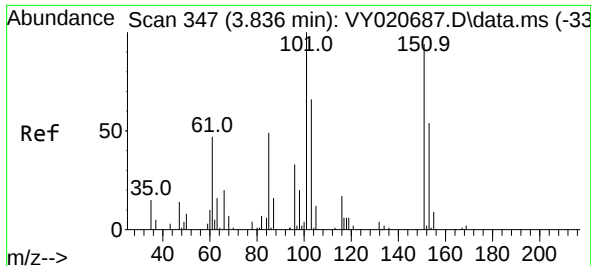
Tgt Ion:101 Resp: 91073
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.112 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.000 min
 Lab File: VY020730.D
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Tgt Ion: 74 Resp: 23214
 Ion Ratio Lower Upper
 74 100
 45 75.0 35.8 107.4

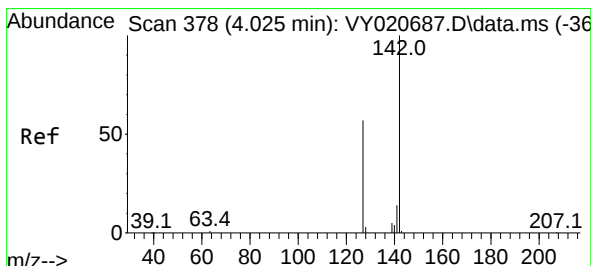
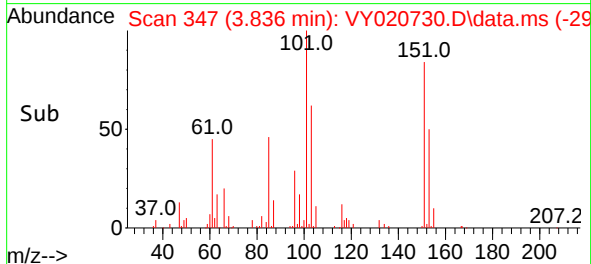
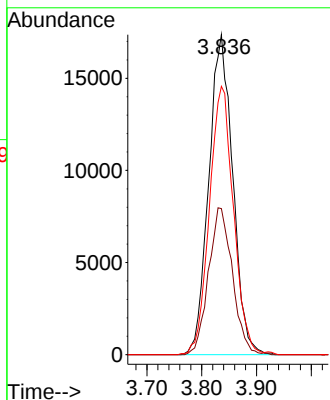
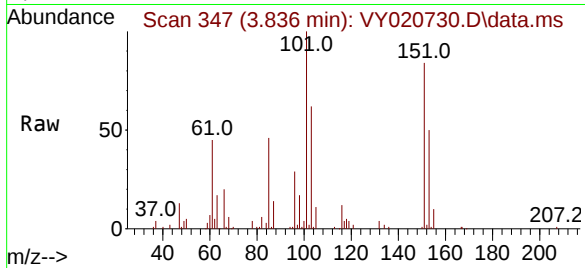




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.291 ug/l
RT: 3.836 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

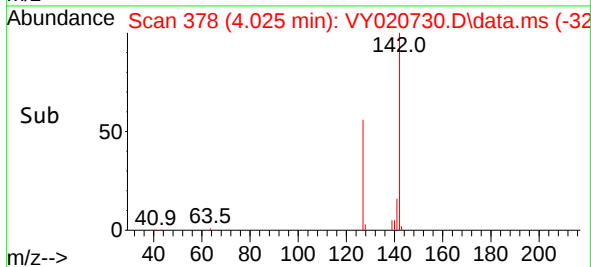
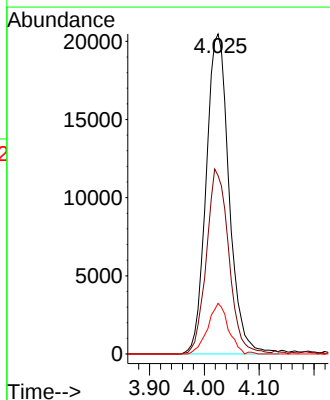
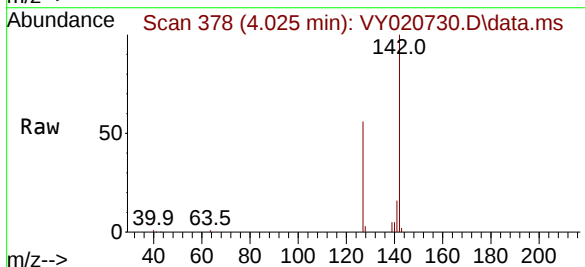
Instrument :
MSVOA_Y
ClientSampleId :

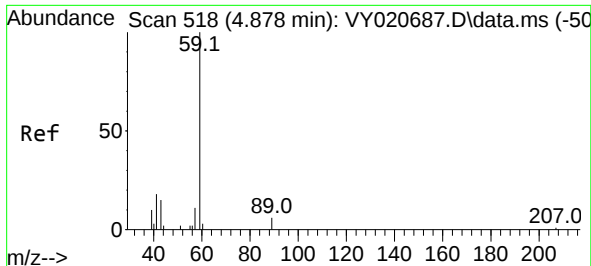
Tgt Ion:101 Resp: 52713
Ion Ratio Lower Upper
101 100
85 45.7 38.2 57.2
151 84.4 68.4 102.6



#10
Methyl Iodide
Concen: 52.901 ug/l
RT: 4.025 min Scan# 378
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion:142 Resp: 59452
Ion Ratio Lower Upper
142 100
127 56.6 48.8 73.2
141 14.3 11.9 17.9

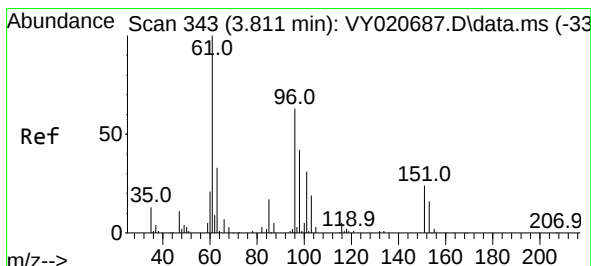
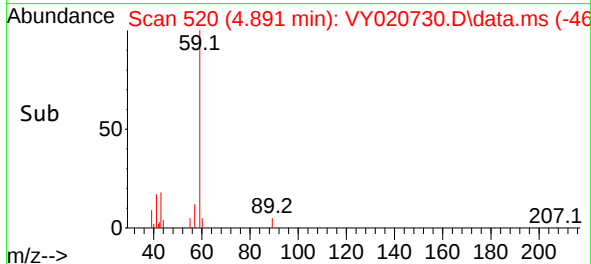
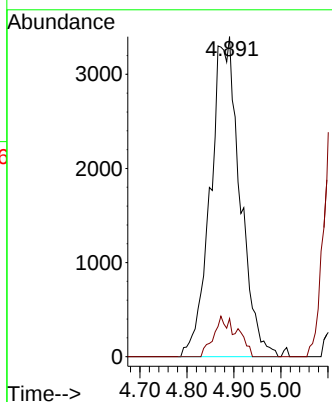
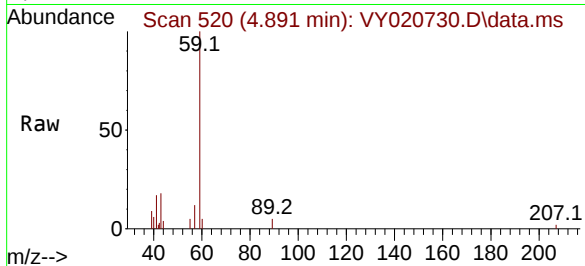




#11
Tert butyl alcohol
Concen: 213.899 ug/l
RT: 4.891 min Scan# 518
Delta R.T. 0.013 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

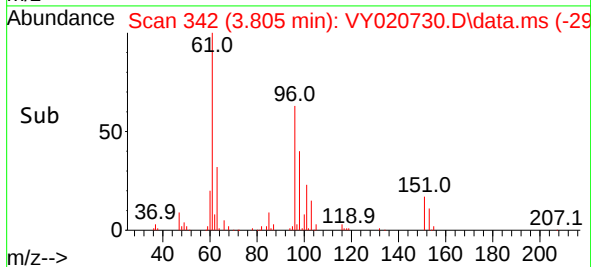
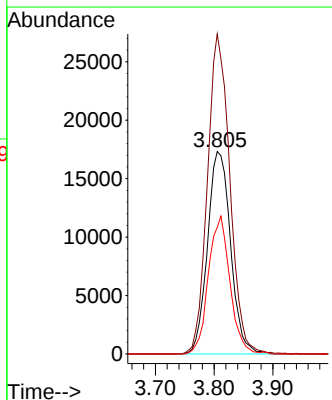
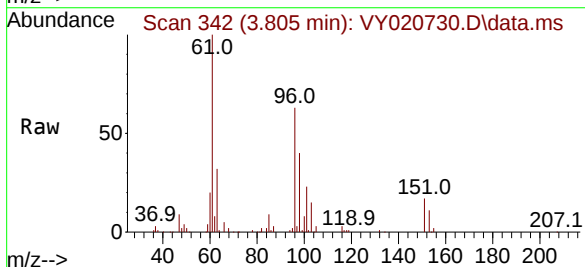
Instrument :
MSVOA_Y
ClientSampleId :

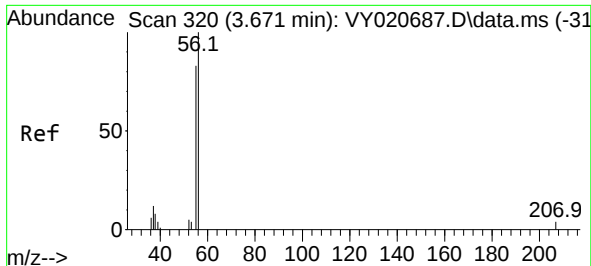
Tgt Ion: 59 Resp: 14856
Ion Ratio Lower Upper
59 100
57 7.6 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 51.703 ug/l
RT: 3.805 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

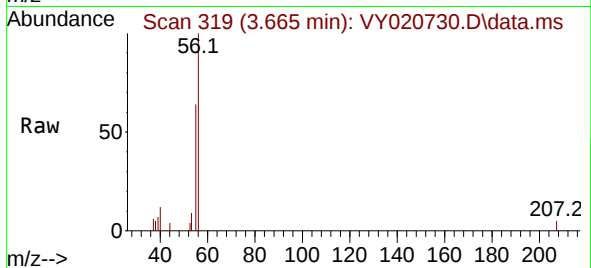
Tgt Ion: 96 Resp: 47296
Ion Ratio Lower Upper
96 100
61 158.1 127.1 190.7
98 62.6 53.4 80.0



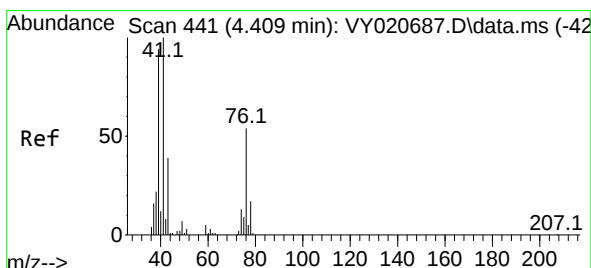
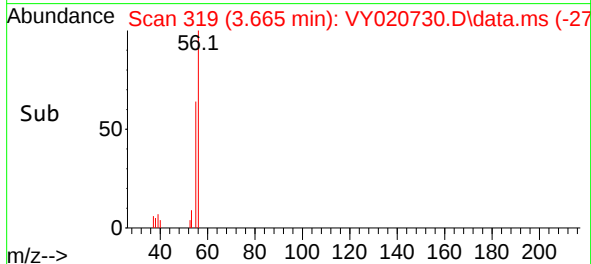
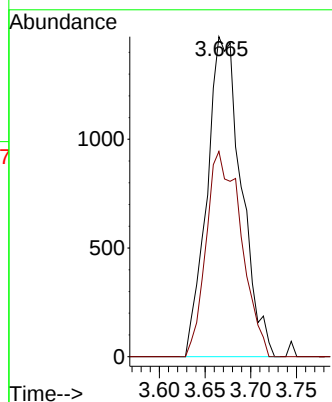


#13
Acrolein
Concen: 167.861 ug/l
RT: 3.665 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Instrument :
MSVOA_Y
ClientSampleId :

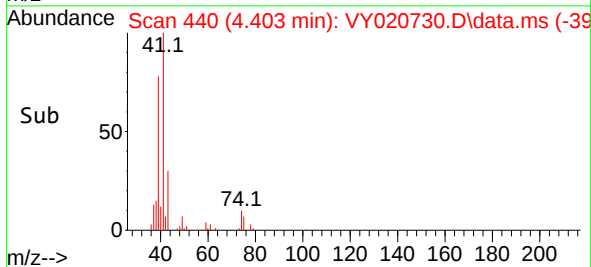
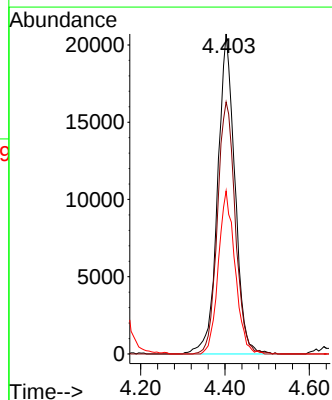
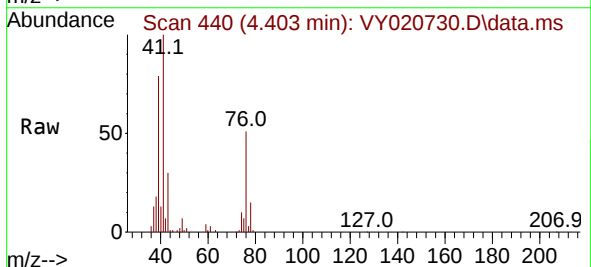


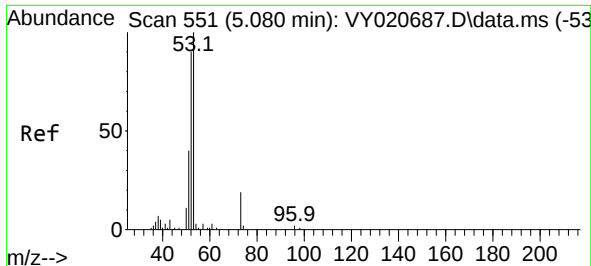
Tgt Ion: 56 Resp: 3847
Ion Ratio Lower Upper
56 100
55 65.3 57.0 85.4



#14
Allyl chloride
Concen: 54.824 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

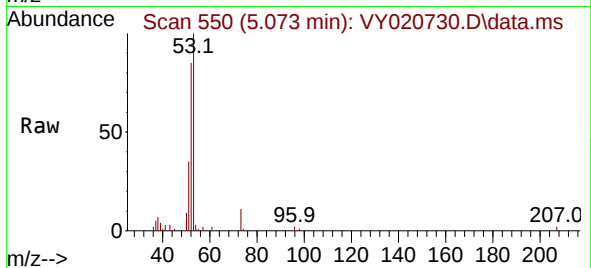
Tgt Ion: 41 Resp: 58687
Ion Ratio Lower Upper
41 100
39 81.5 73.5 110.3
76 49.4 41.8 62.8



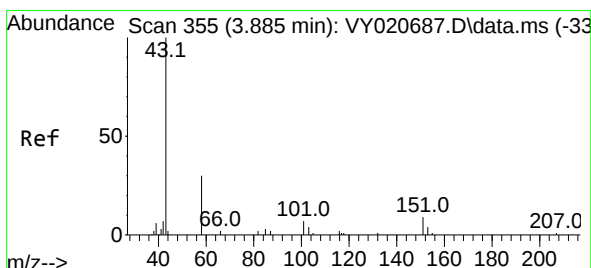
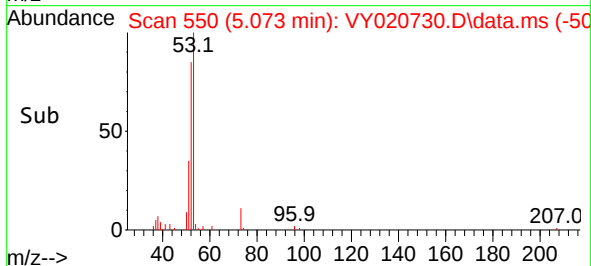
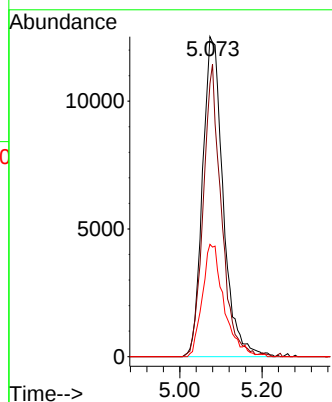


#15
Acrylonitrile
Concen: 253.347 ug/l
RT: 5.073 min Scan# 51
Delta R.T. -0.007 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Instrument :
MSVOA_Y
ClientSampleId :

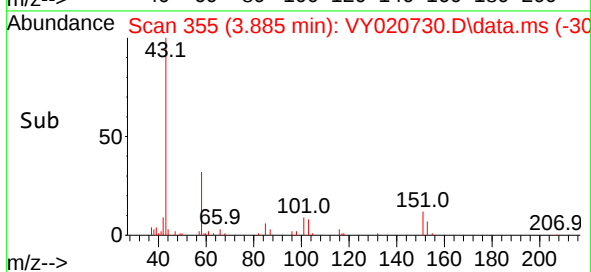
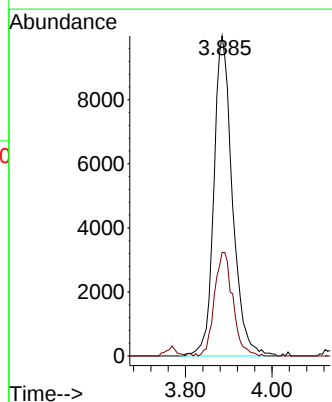
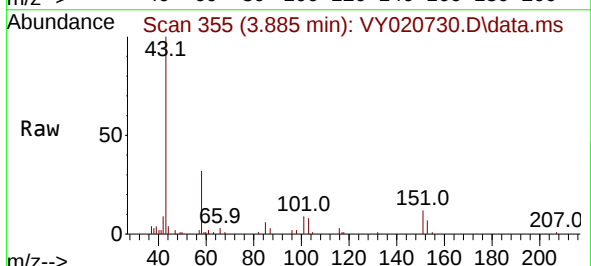


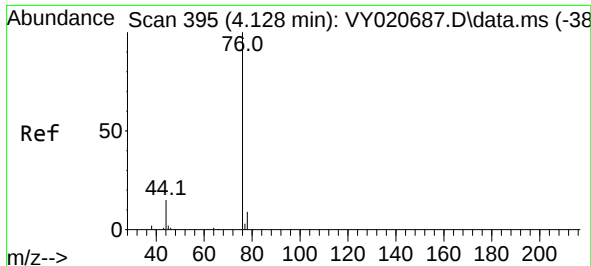
Tgt Ion: 53 Resp: 43598
Ion Ratio Lower Upper
53 100
52 79.8 67.1 100.7
51 36.7 31.4 47.0



#16
Acetone
Concen: 213.880 ug/l
RT: 3.885 min Scan# 355
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 43 Resp: 29746
Ion Ratio Lower Upper
43 100
58 32.4 25.0 37.6





#17

Carbon Disulfide

Concen: 55.051 ug/l

RT: 4.128 min Scan# 395

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

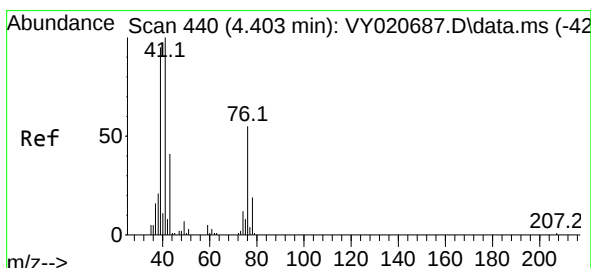
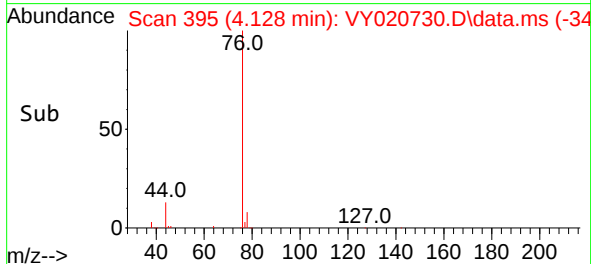
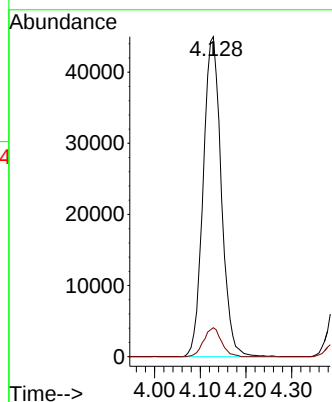
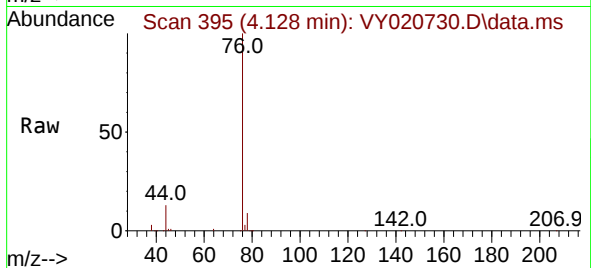
ClientSampleId :

Tgt Ion: 76 Resp: 123531

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



#18

Methyl Acetate

Concen: 51.842 ug/l

RT: 4.397 min Scan# 439

Delta R.T. -0.006 min

Lab File: VY020730.D

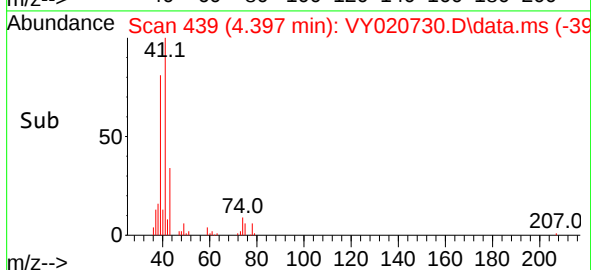
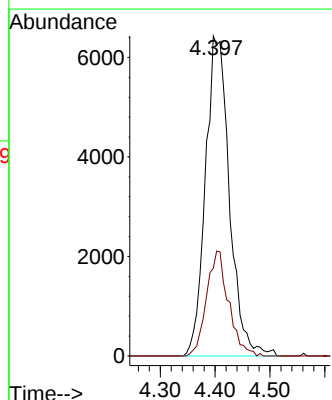
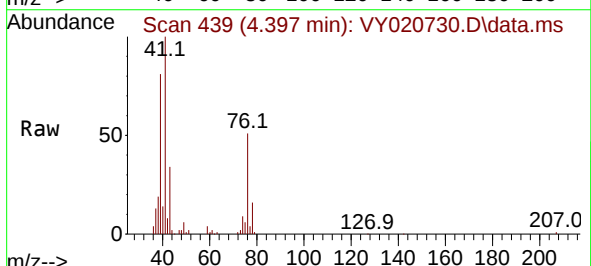
Acq: 27 Dec 2024 10:20

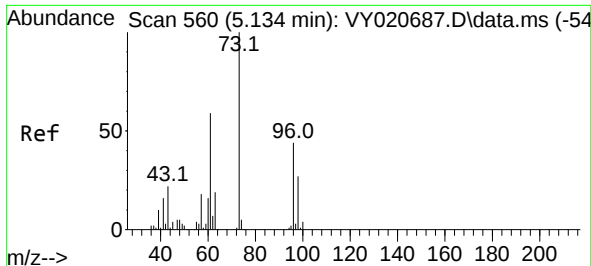
Tgt Ion: 43 Resp: 19514

Ion Ratio Lower Upper

43 100

74 30.1 25.3 37.9

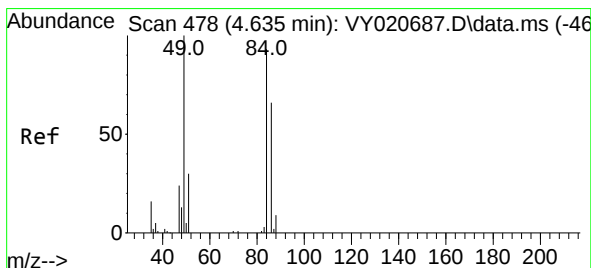
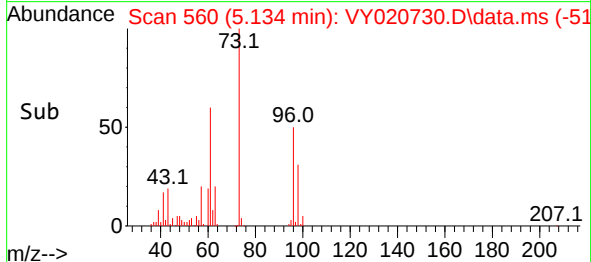
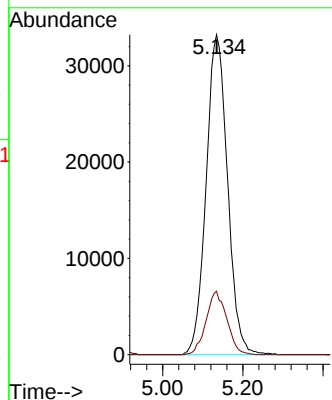
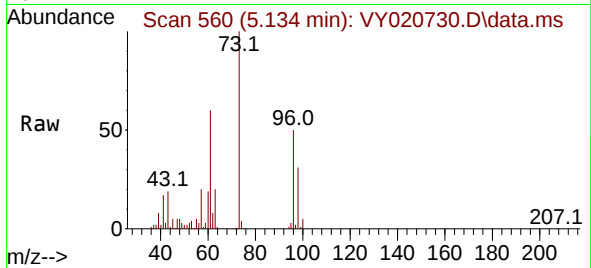




#19
Methyl tert-butyl Ether
Concen: 48.308 ug/l
RT: 5.134 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

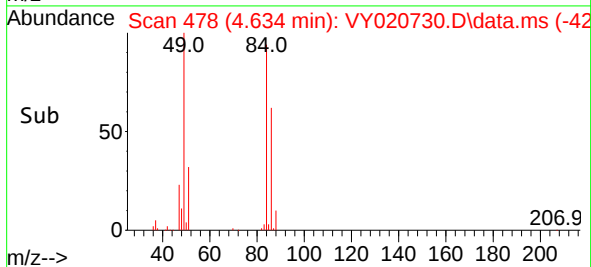
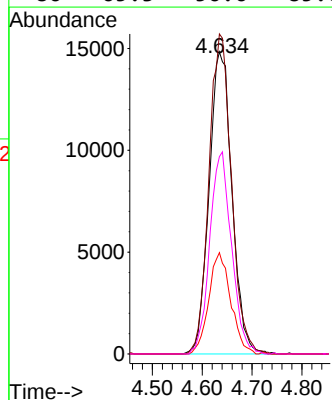
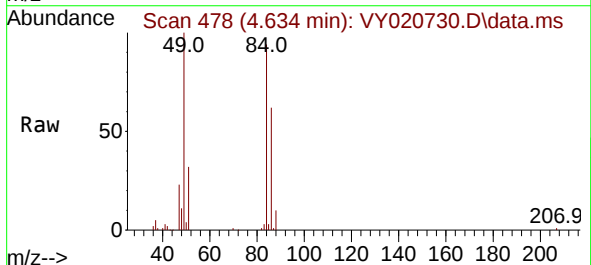
Instrument :
MSVOA_Y
ClientSampleId :

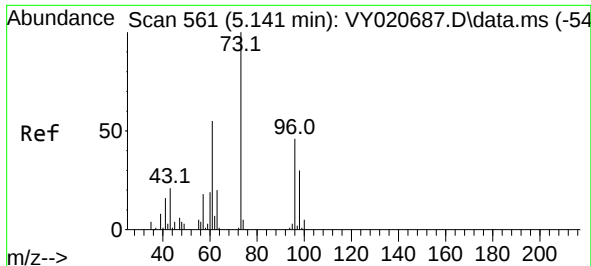
Tgt Ion: 73 Resp: 123169
Ion Ratio Lower Upper
73 100
57 19.9 14.4 21.6



#20
Methylene Chloride
Concen: 52.265 ug/l
RT: 4.634 min Scan# 478
Delta R.T. -0.001 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

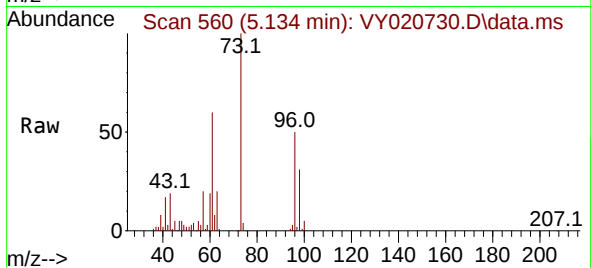
Tgt Ion: 84 Resp: 47276
Ion Ratio Lower Upper
84 100
49 105.9 86.4 129.6
51 33.5 25.5 38.3
86 65.3 56.6 85.0



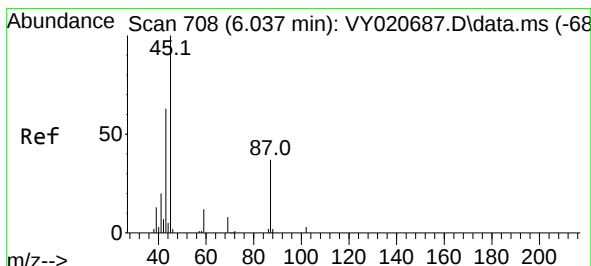
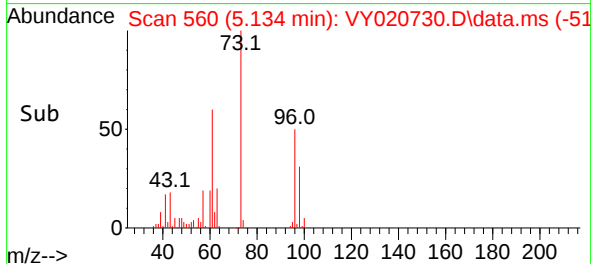
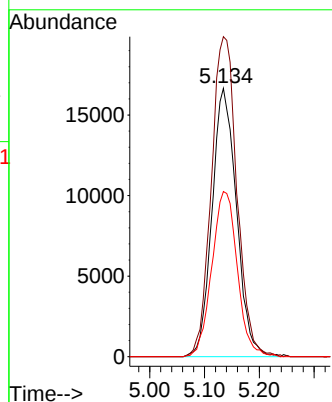


#21
trans-1,2-Dichloroethene
Concen: 52.312 ug/l
RT: 5.134 min Scan# 51
Delta R.T. -0.007 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Instrument :
MSVOA_Y
ClientSampleId :

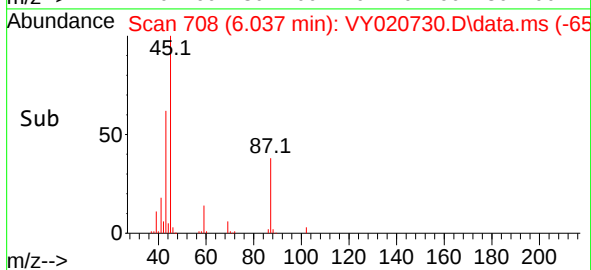
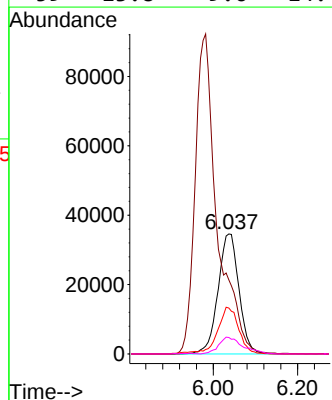
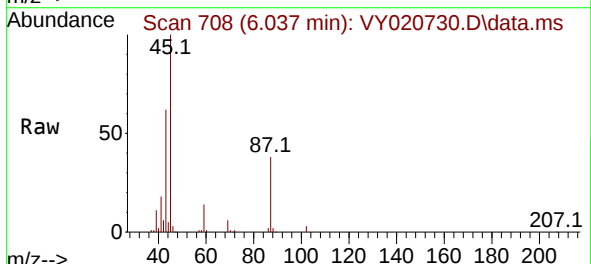


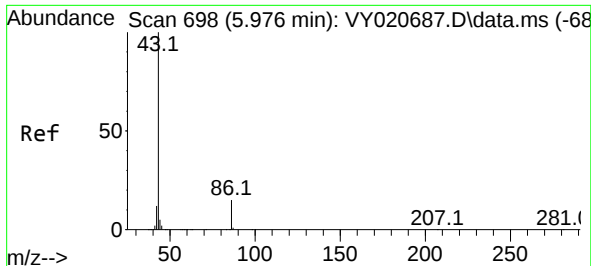
Tgt Ion: 96 Resp: 51566
Ion Ratio Lower Upper
96 100
61 119.3 96.1 144.1
98 61.5 52.7 79.1



#22
Diisopropyl ether
Concen: 54.611 ug/l
RT: 6.037 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 45 Resp: 118838
Ion Ratio Lower Upper
45 100
43 61.4 51.3 76.9
87 38.3 30.6 46.0
59 13.8 9.6 14.4

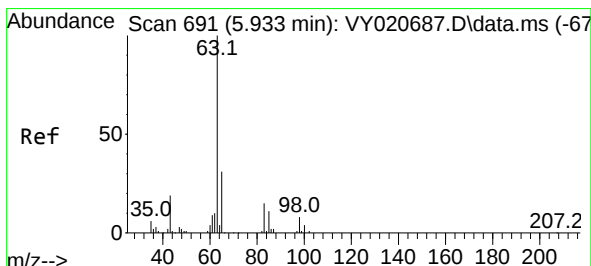
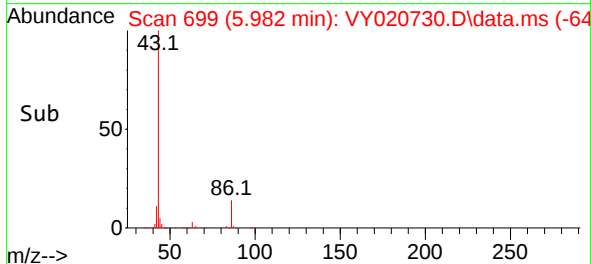
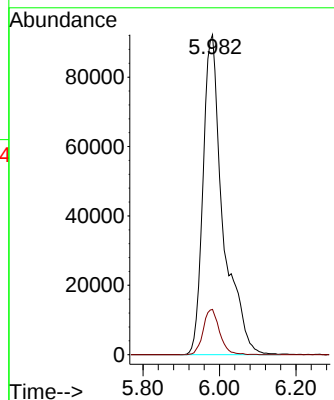
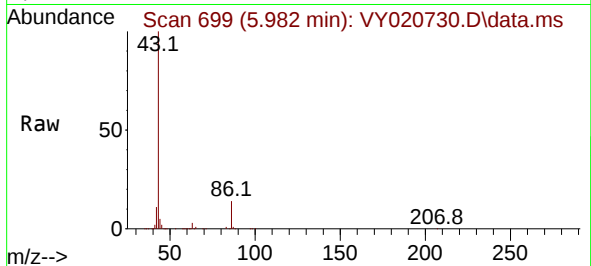




#23
 Vinyl Acetate
 Concen: 257.310 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY020730.D
 Acq: 27 Dec 2024 10:20

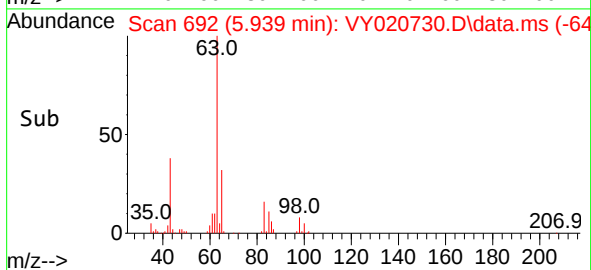
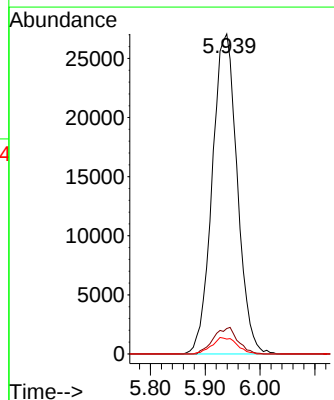
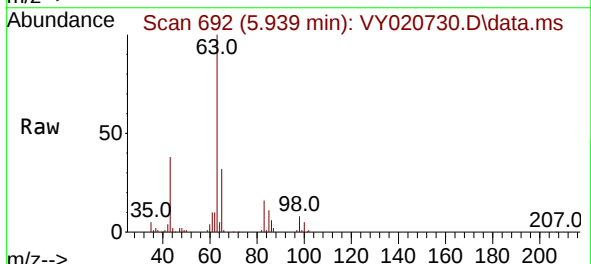
Instrument :
 MSVOA_Y
 ClientSampleId :

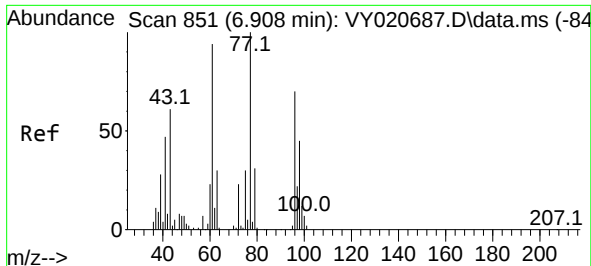
Tgt Ion: 43 Resp: 334445
 Ion Ratio Lower Upper
 43 100
 86 14.1 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 52.584 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY020730.D
 Acq: 27 Dec 2024 10:20

Tgt Ion: 63 Resp: 85791
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 4.7 2.1 6.2

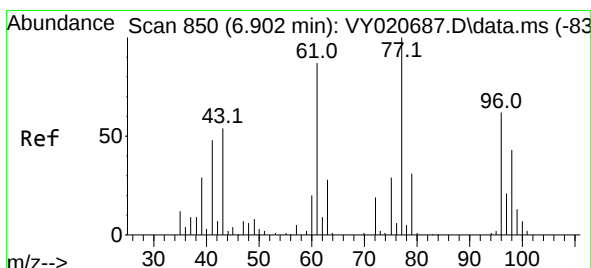
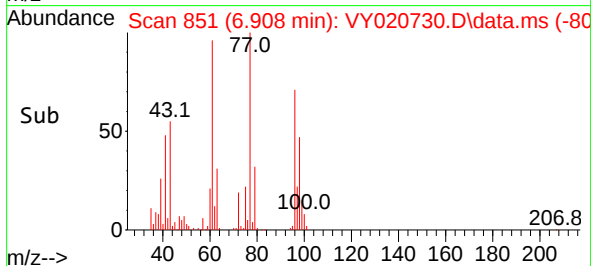
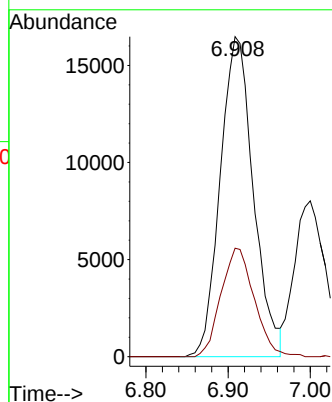
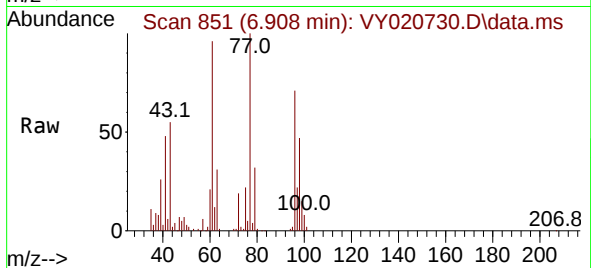




#25
2-Butanone
Concen: 245.577 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

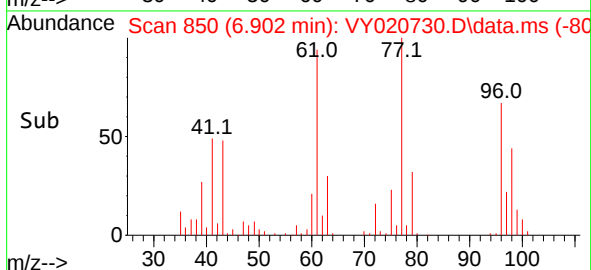
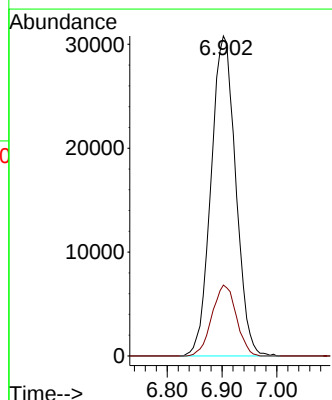
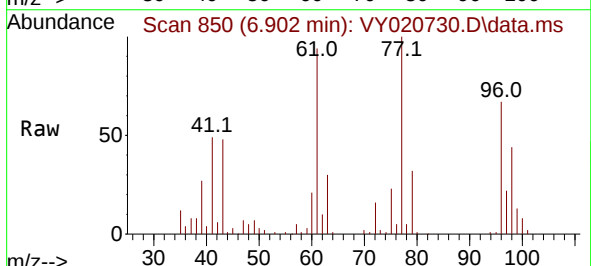
Instrument :
MSVOA_Y
ClientSampleId :

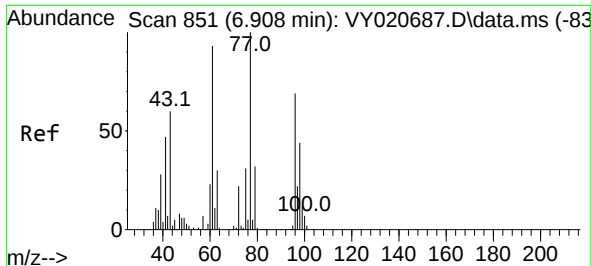
Tgt Ion: 43 Resp: 46137
Ion Ratio Lower Upper
43 100
72 33.9 29.5 44.3



#26
2,2-Dichloropropane
Concen: 48.137 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 77 Resp: 96125
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 51.485 ug/l

RT: 6.908 min Scan# 851

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

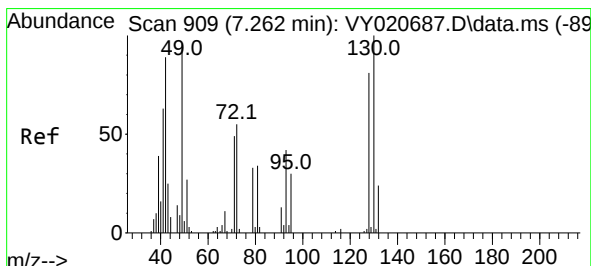
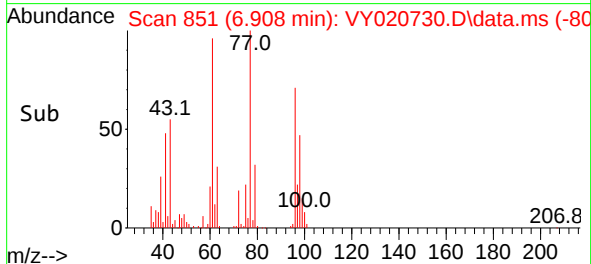
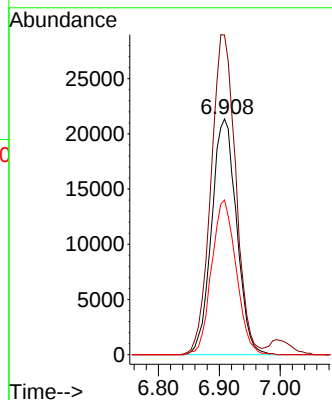
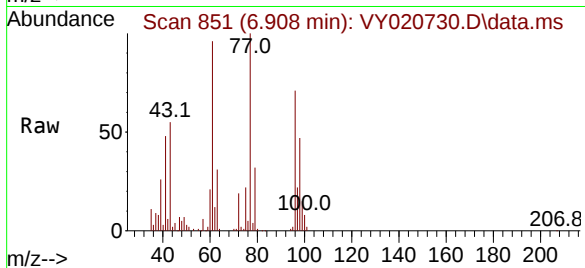
Tgt Ion: 96 Resp: 60776

Ion Ratio Lower Upper

96 100

61 134.8 0.0 277.2

98 64.6 0.0 131.0



#28

Bromochloromethane

Concen: 63.435 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

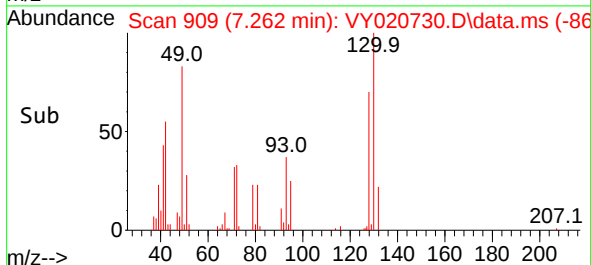
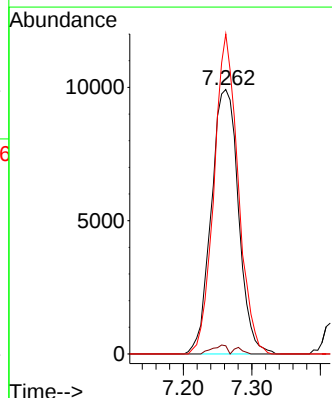
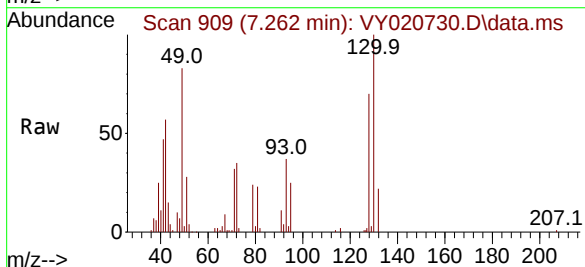
Tgt Ion: 49 Resp: 27369

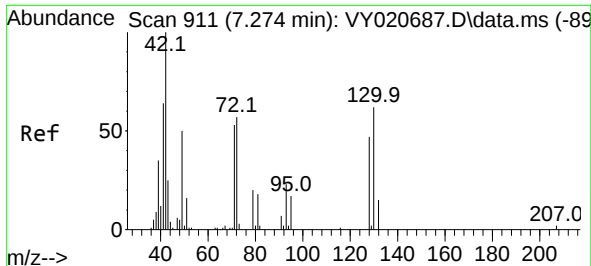
Ion Ratio Lower Upper

49 100

129 1.8 0.0 5.4

130 107.0 87.2 130.8





#29

Tetrahydrofuran

Concen: 242.943 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

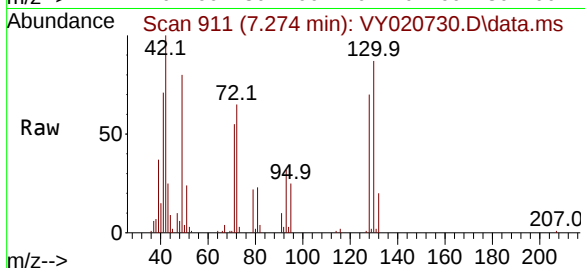
Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :



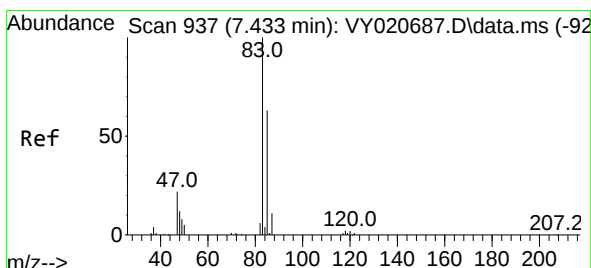
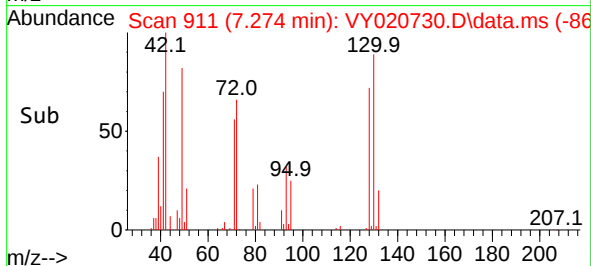
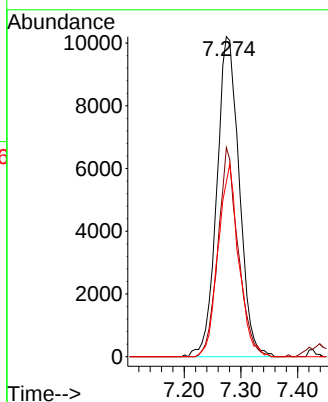
Tgt Ion: 42 Resp: 28016

Ion Ratio Lower Upper

42 100

72 58.7 47.4 71.0

71 55.3 42.8 64.2



#30

Chloroform

Concen: 48.804 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.006 min

Lab File: VY020730.D

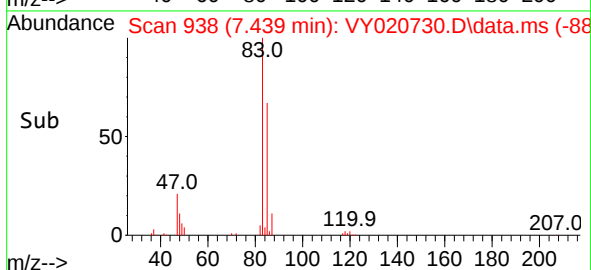
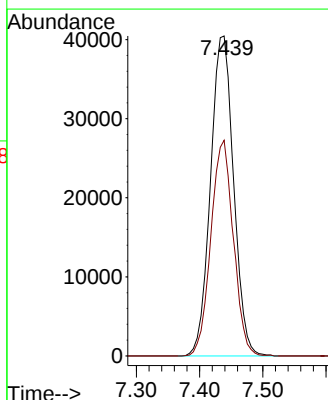
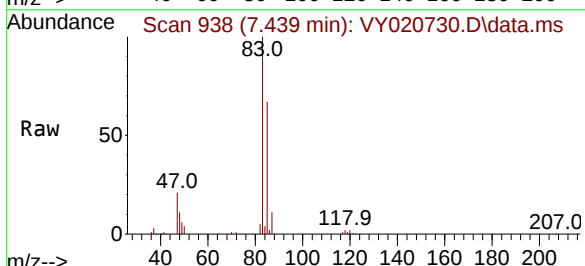
Acq: 27 Dec 2024 10:20

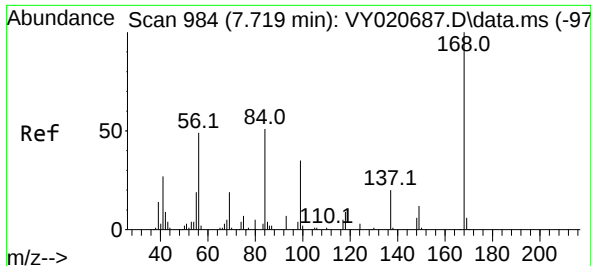
Tgt Ion: 83 Resp: 102428

Ion Ratio Lower Upper

83 100

85 67.4 50.2 75.2

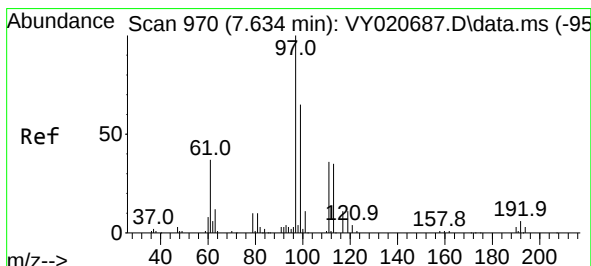
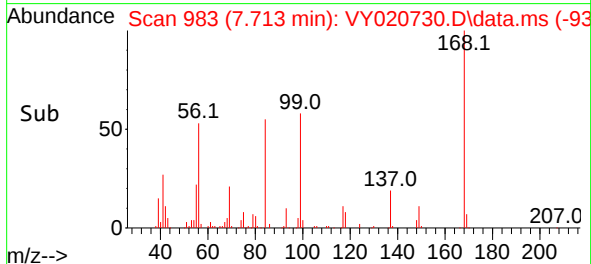
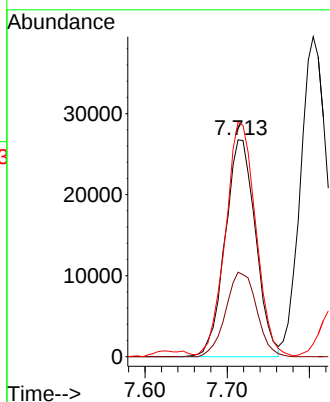
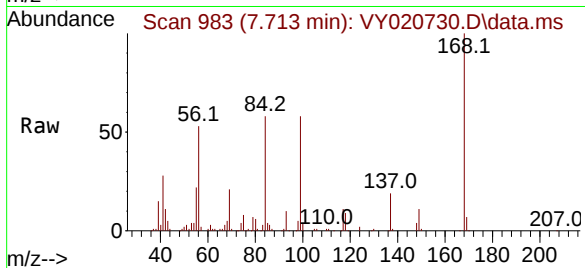




#31
Cyclohexane
Concen: 48.982 ug/l
RT: 7.713 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

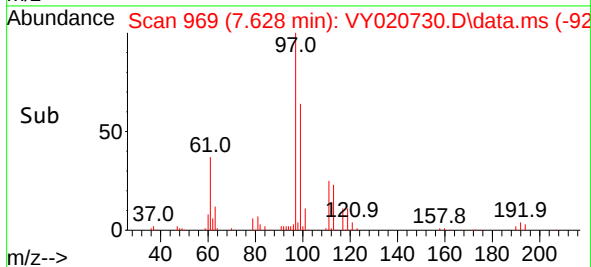
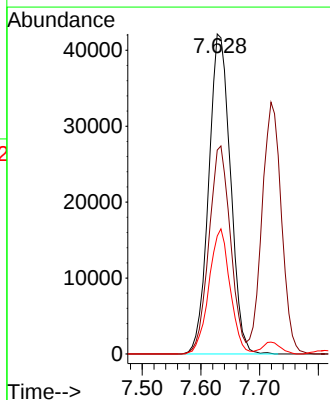
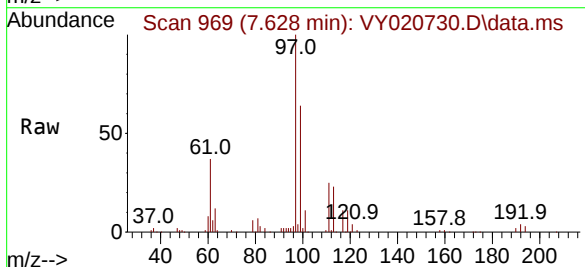
Instrument :
MSVOA_Y
ClientSampleId :

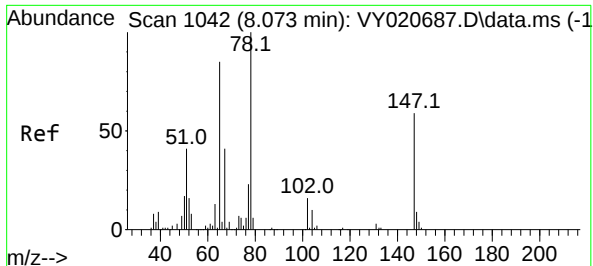
Tgt Ion: 56 Resp: 68981
Ion Ratio Lower Upper
56 100
69 38.9 31.3 46.9
84 106.0 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 48.039 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 97 Resp: 108074
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 38.2 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 52.553 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

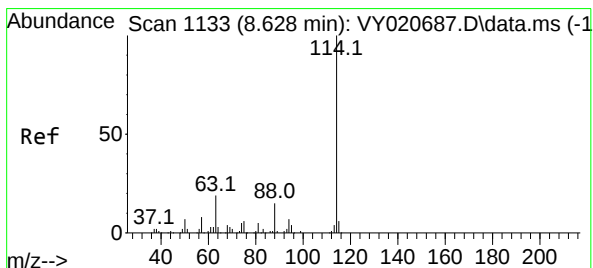
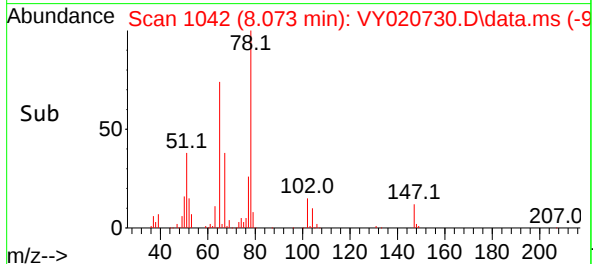
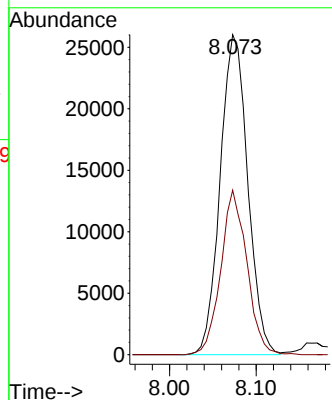
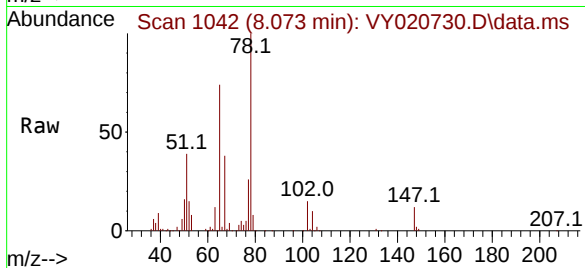
ClientSampleId :

Tgt Ion: 65 Resp: 57614

Ion Ratio Lower Upper

65 100

67 48.7 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

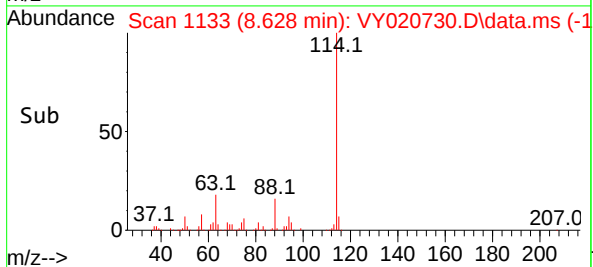
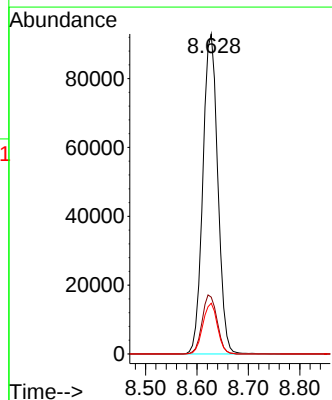
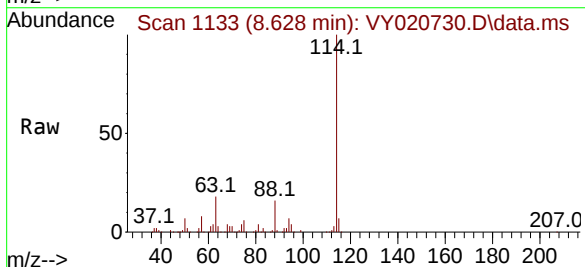
Tgt Ion: 114 Resp: 187374

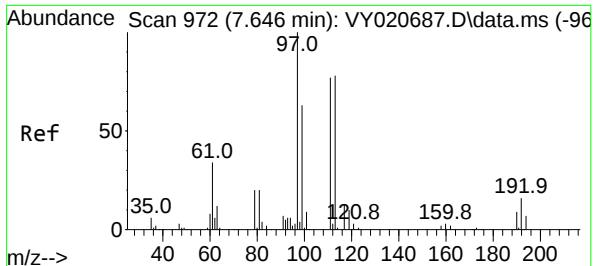
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.092 ug/l

RT: 7.652 min Scan# 91

Delta R.T. 0.006 min

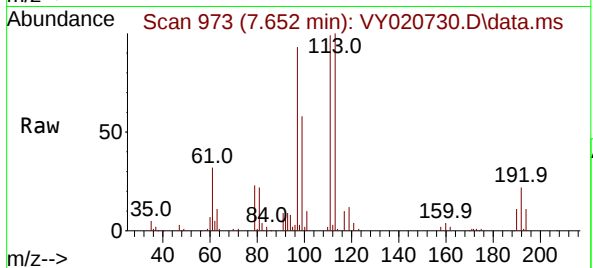
Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :



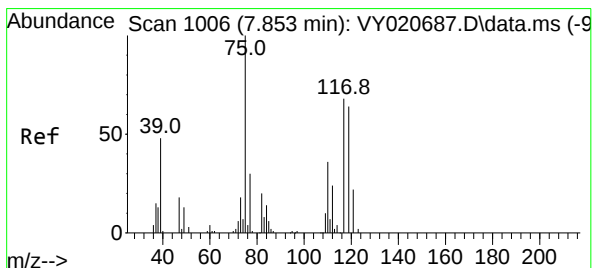
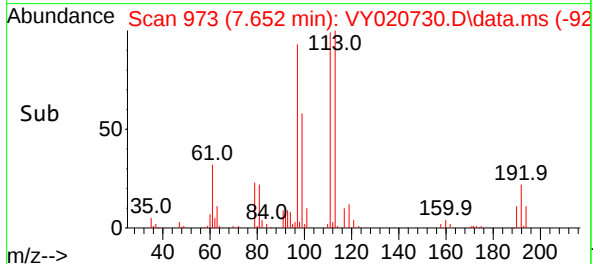
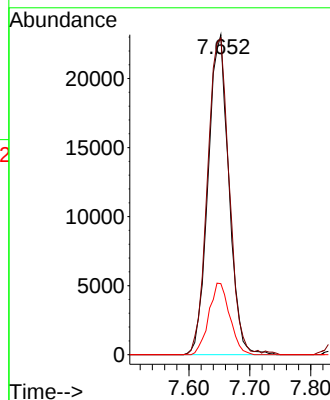
Tgt Ion:113 Resp: 54795

Ion Ratio Lower Upper

113 100

111 103.4 79.8 119.8

192 22.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 51.513 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. -0.006 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

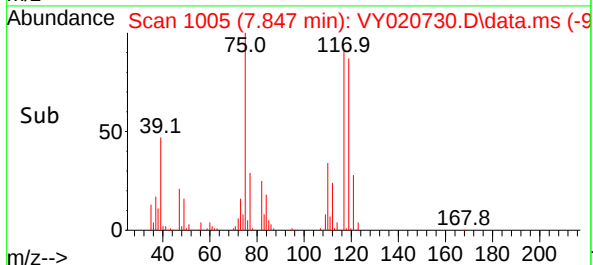
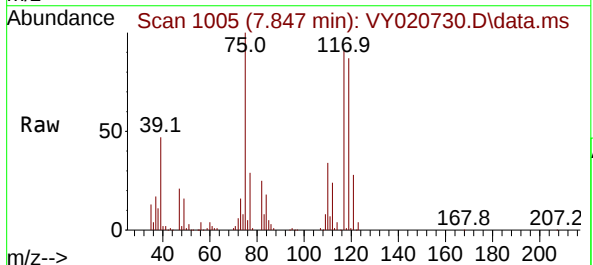
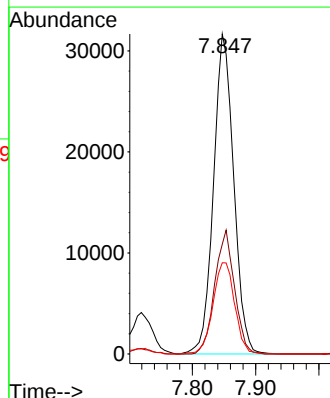
Tgt Ion: 75 Resp: 70228

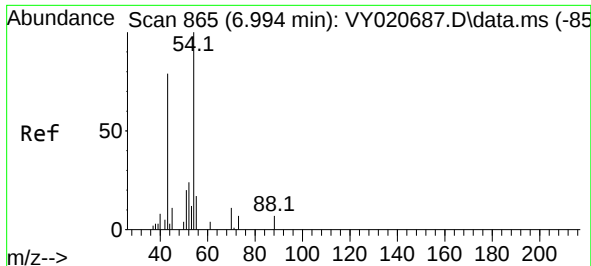
Ion Ratio Lower Upper

75 100

110 37.8 19.6 58.7

77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 49.443 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

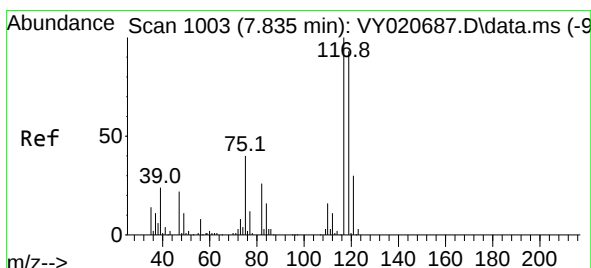
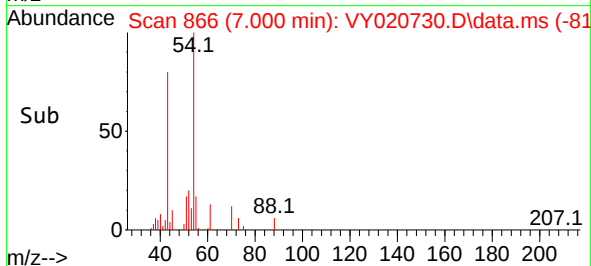
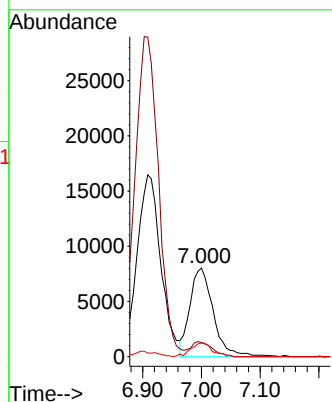
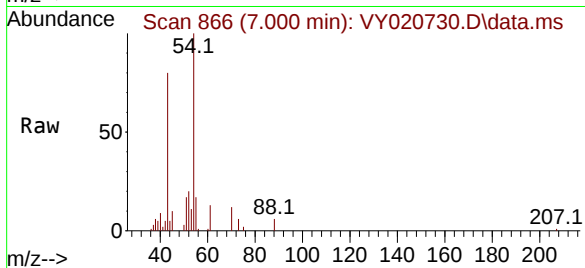
Tgt Ion: 43 Resp: 22212

Ion Ratio Lower Upper

43 100

61 15.8 11.7 17.5

70 14.2 11.0 16.4



#38

Carbon Tetrachloride

Concen: 47.999 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

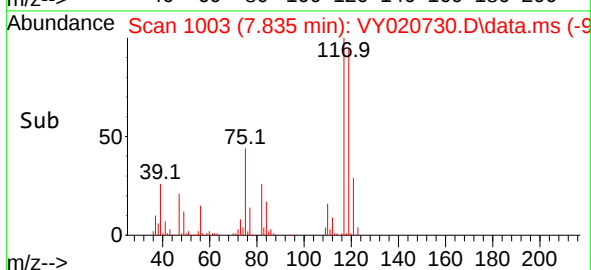
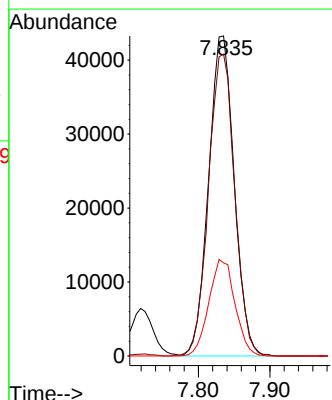
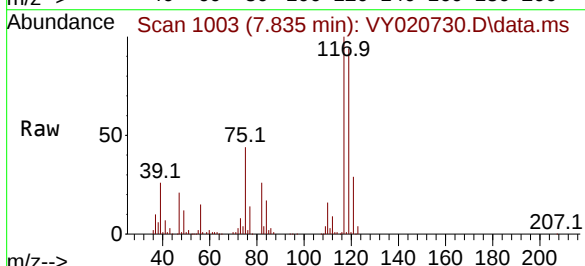
Tgt Ion:117 Resp: 107755

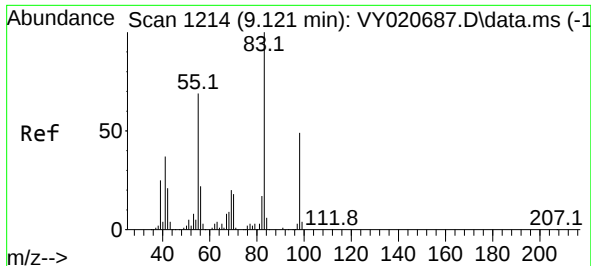
Ion Ratio Lower Upper

117 100

119 94.3 74.4 111.6

121 29.1 24.2 36.2





#39

Methylcyclohexane

Concen: 52.137 ug/l

RT: 9.121 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

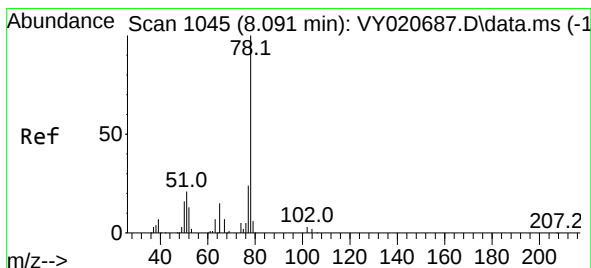
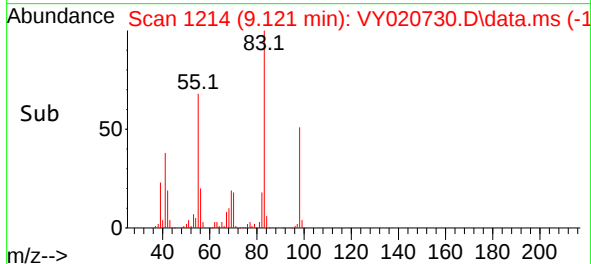
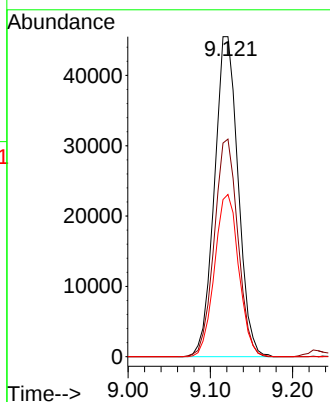
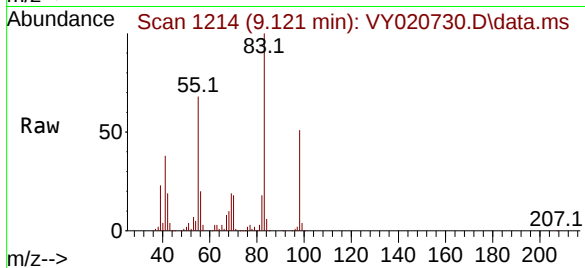
Tgt Ion: 83 Resp: 91105

Ion Ratio Lower Upper

83 100

55 68.0 55.0 82.4

98 50.7 39.0 58.6



#40

Benzene

Concen: 51.545 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020730.D

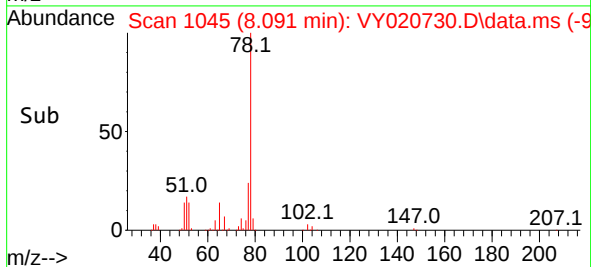
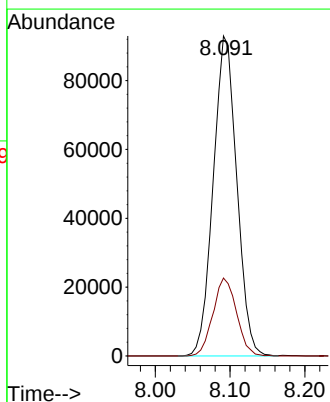
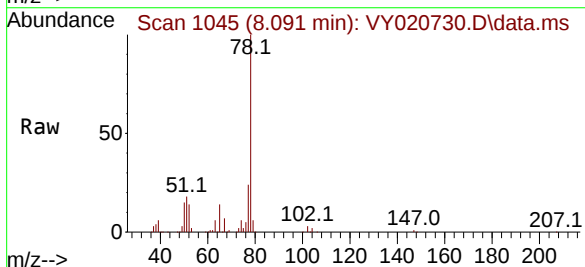
Acq: 27 Dec 2024 10:20

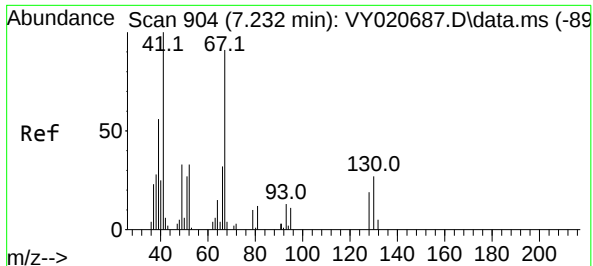
Tgt Ion: 78 Resp: 203662

Ion Ratio Lower Upper

78 100

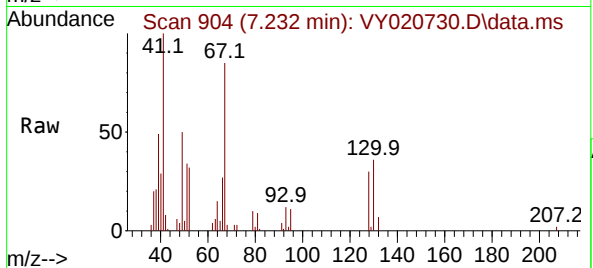
77 24.3 19.2 28.8



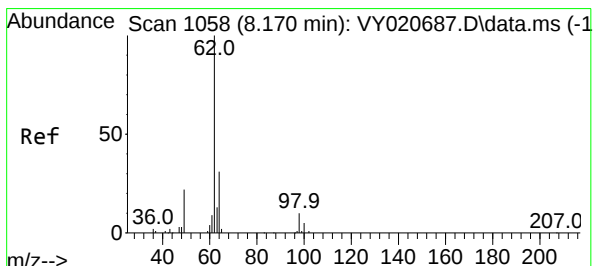
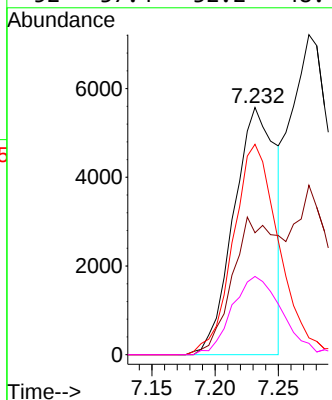
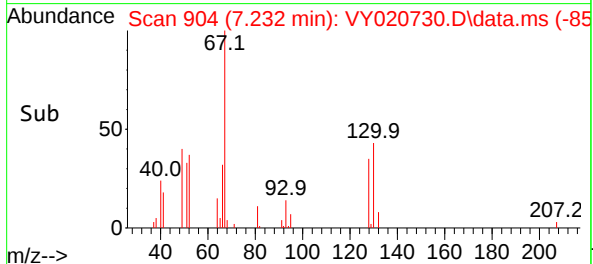


#41
Methacrylonitrile
Concen: 57.145 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Instrument :
MSVOA_Y
ClientSampleId :

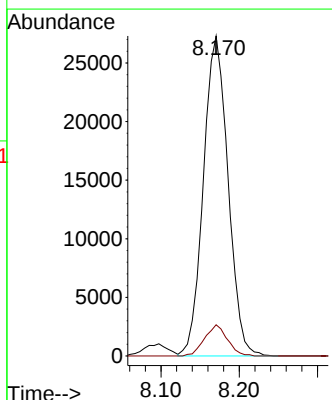
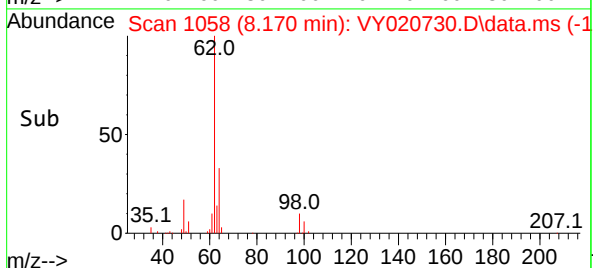
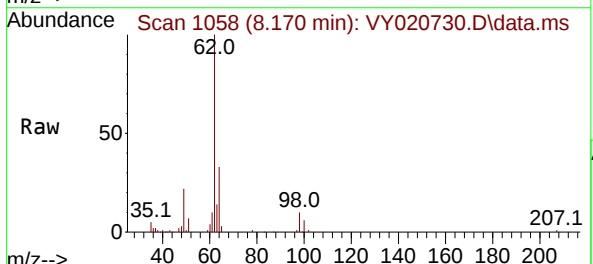


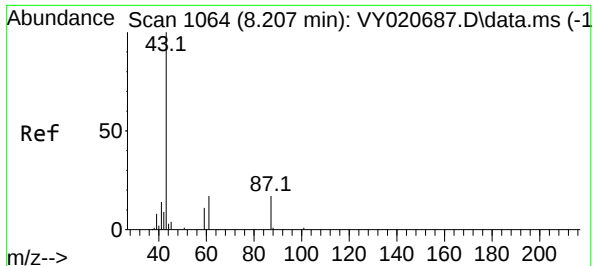
Tgt Ion:	41	Resp:	12968
Ion	Ratio	Lower	Upper
41	100		
39	63.8	46.6	70.0
67	92.7	74.7	112.1
52	37.4	32.2	48.4



#42
1,2-Dichloroethane
Concen: 47.154 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion:	62	Resp:	59741
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6

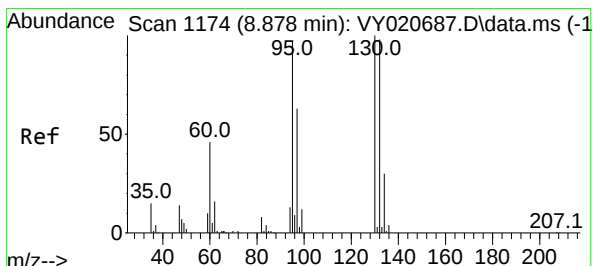
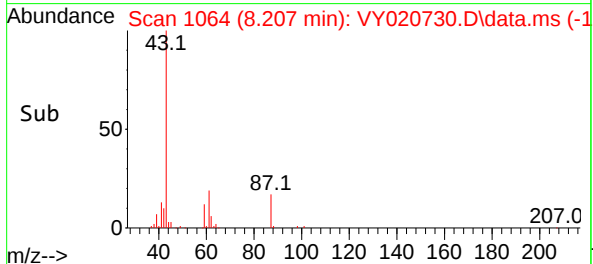
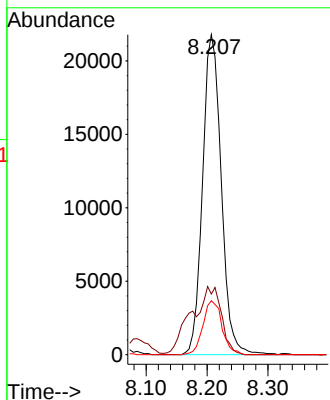
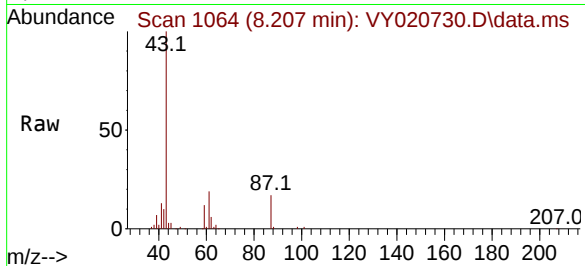




#43
Isopropyl Acetate
Concen: 48.680 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

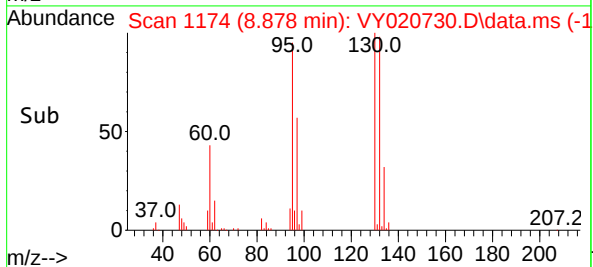
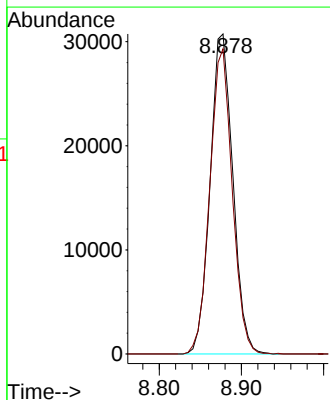
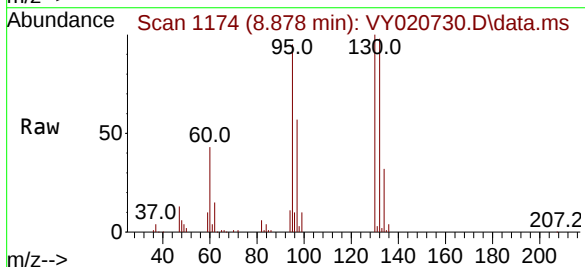
Instrument :
MSVOA_Y
ClientSampleId :

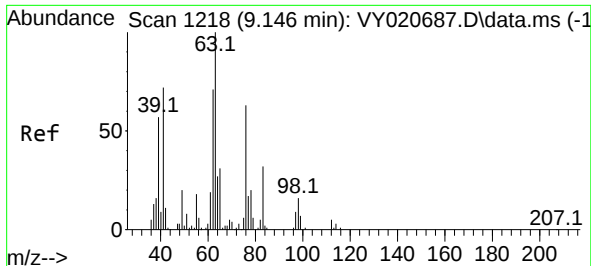
Tgt Ion: 43 Resp: 46484
Ion Ratio Lower Upper
43 100
61 34.0 27.0 40.4
87 17.2 14.2 21.4



#44
Trichloroethene
Concen: 50.005 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion:130 Resp: 59012
Ion Ratio Lower Upper
130 100
95 95.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 52.843 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

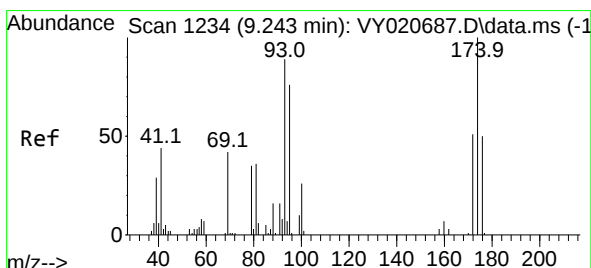
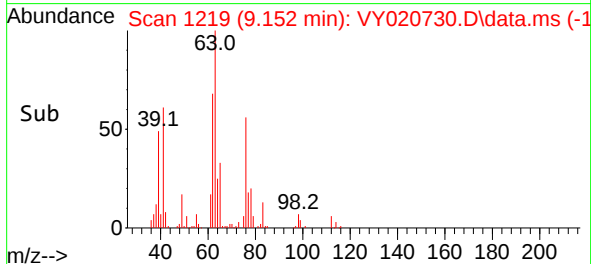
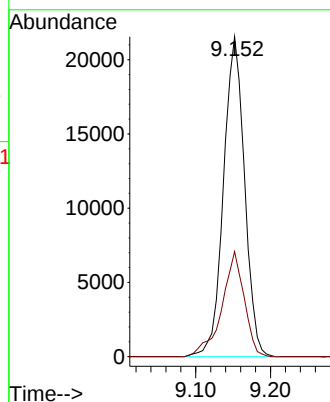
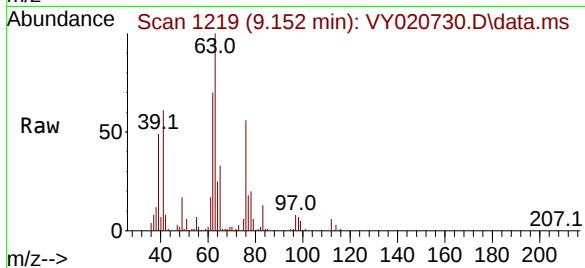
ClientSampleId :

Tgt Ion: 63 Resp: 42264

Ion Ratio Lower Upper

63 100

65 32.9 24.6 36.8



#46

Dibromomethane

Concen: 48.192 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

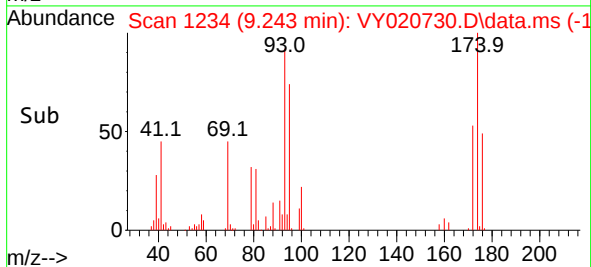
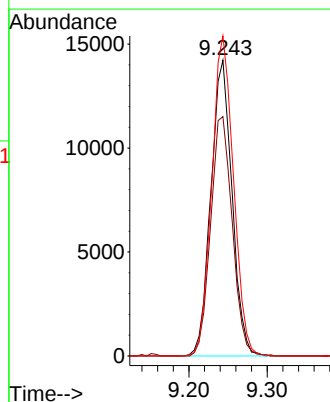
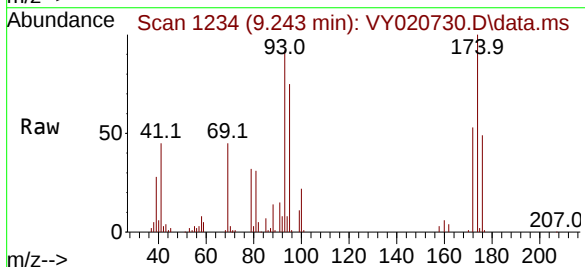
Tgt Ion: 93 Resp: 26669

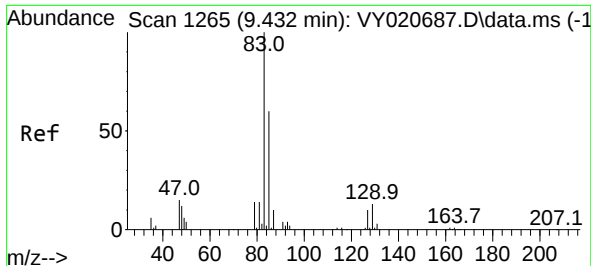
Ion Ratio Lower Upper

93 100

95 82.8 67.8 101.8

174 110.9 89.4 134.0

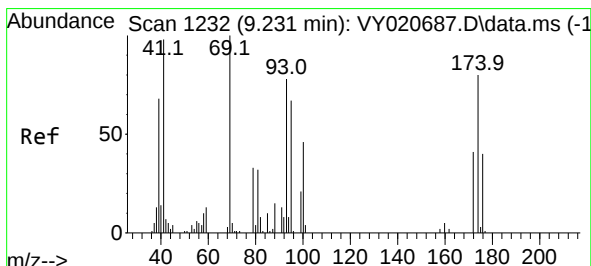
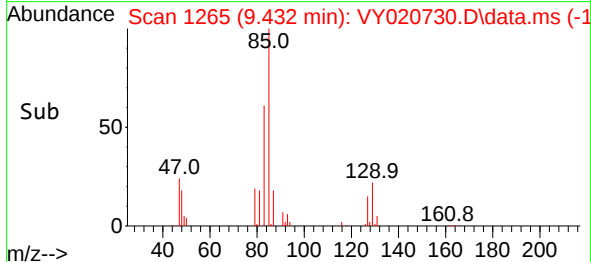
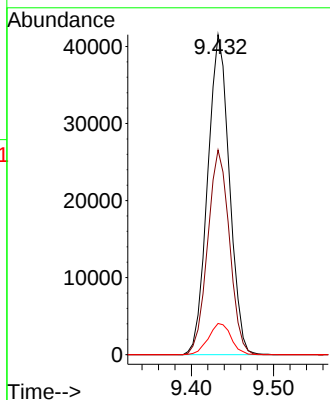
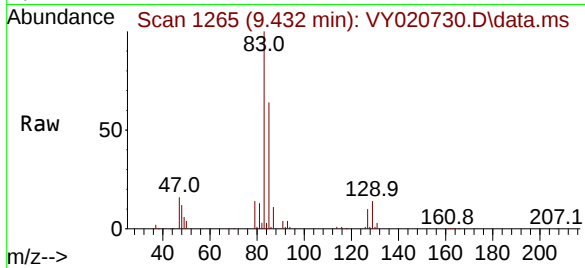




#47
Bromodichloromethane
Concen: 48.509 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

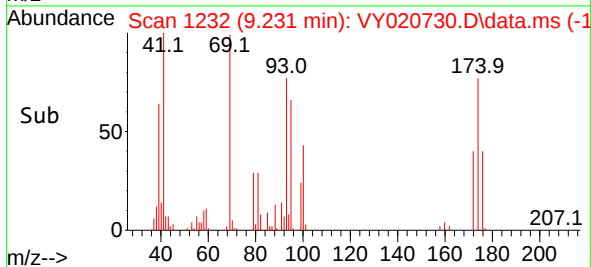
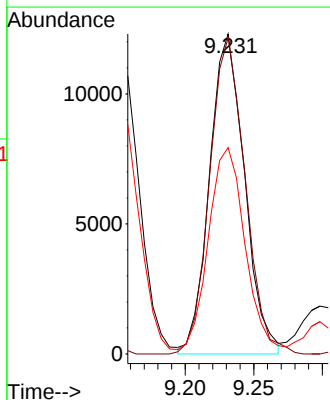
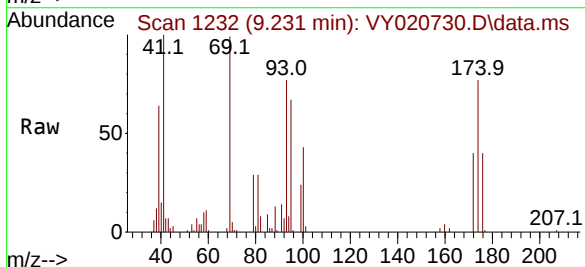
Instrument :
MSVOA_Y
ClientSampleId :

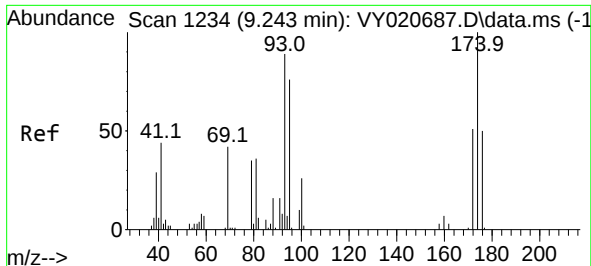
Tgt Ion: 83 Resp: 76106
Ion Ratio Lower Upper
83 100
85 64.0 47.6 71.4
127 9.8 7.9 11.9



#48
Methyl methacrylate
Concen: 48.851 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 41 Resp: 21784
Ion Ratio Lower Upper
41 100
69 100.5 83.1 124.7
39 65.7 57.3 85.9





#49

1,4-Dioxane

Concen: 987.428 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

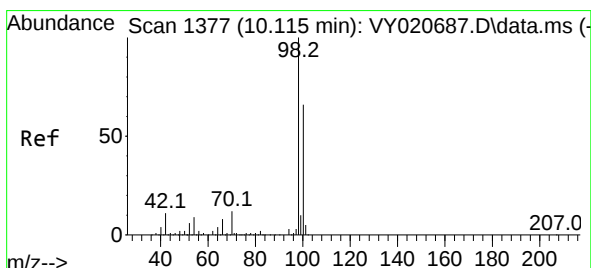
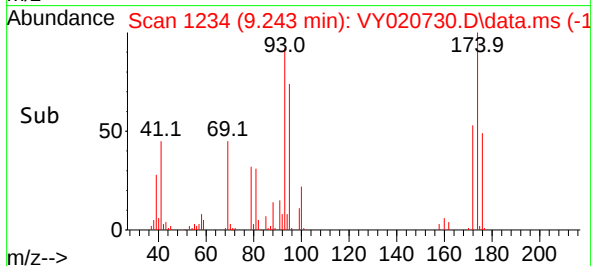
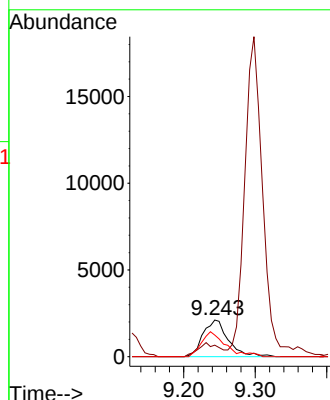
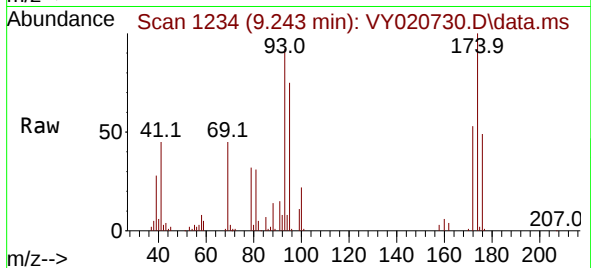
Tgt Ion: 88 Resp: 5205

Ion Ratio Lower Upper

88 100

43 33.1 22.1 33.1

58 65.3 46.7 70.1



#50

Toluene-d8

Concen: 52.564 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020730.D

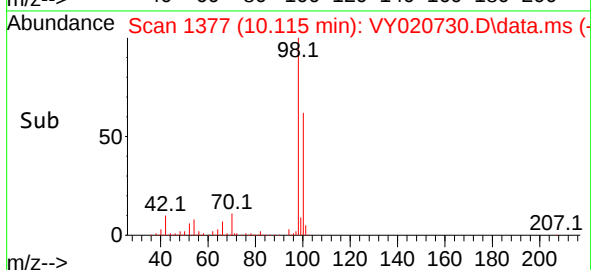
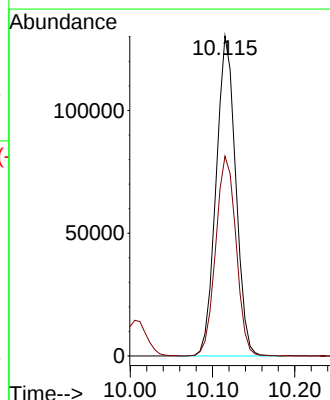
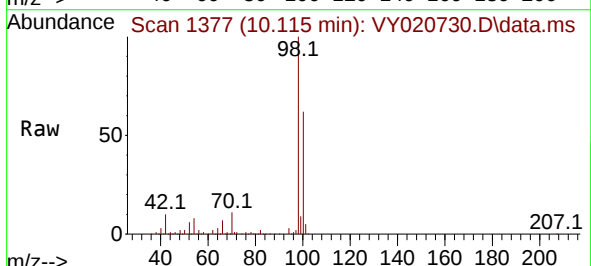
Acq: 27 Dec 2024 10:20

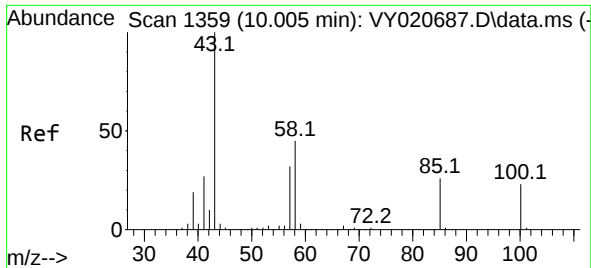
Tgt Ion: 98 Resp: 216107

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 243.182 ug/l

RT: 10.005 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

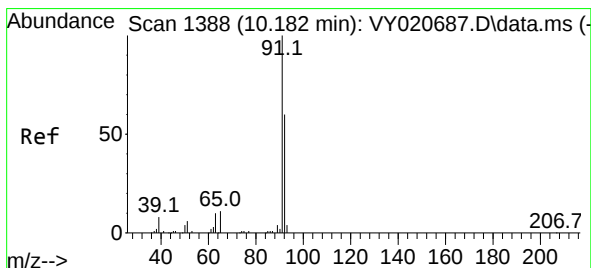
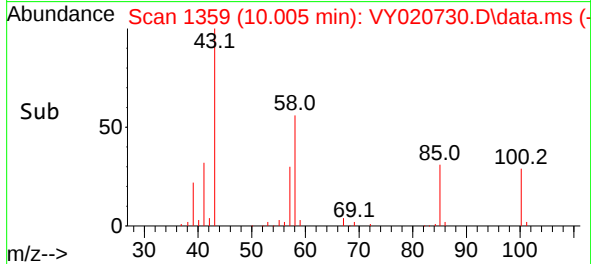
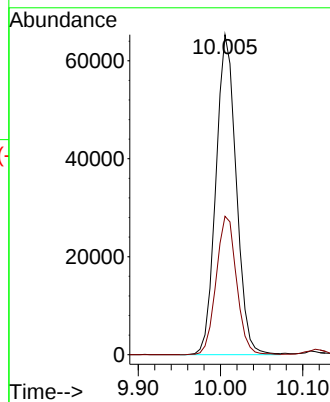
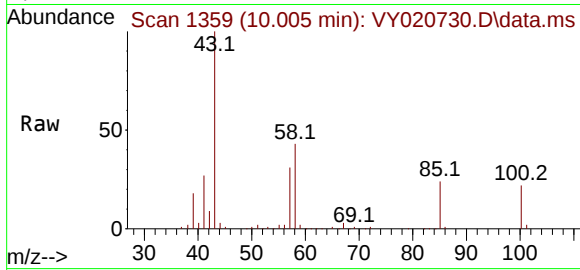
ClientSampleId :

Tgt Ion: 43 Resp: 112082

Ion Ratio Lower Upper

43 100

58 43.5 35.1 52.7



#52

Toluene

Concen: 51.115 ug/l

RT: 10.182 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VY020730.D

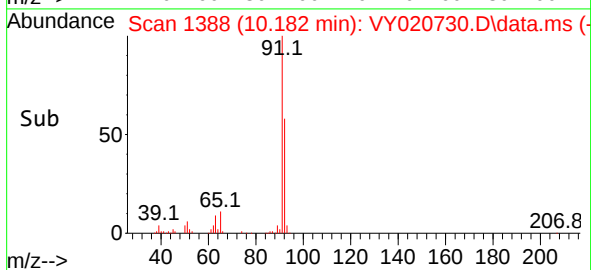
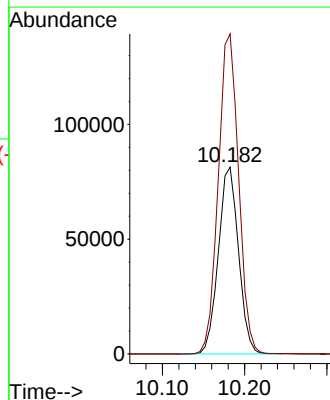
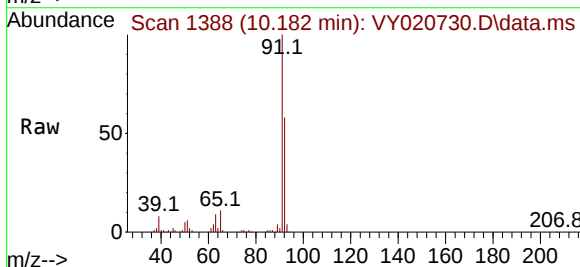
Acq: 27 Dec 2024 10:20

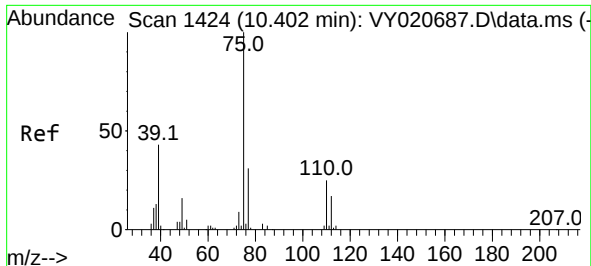
Tgt Ion: 92 Resp: 138423

Ion Ratio Lower Upper

92 100

91 173.0 137.7 206.5

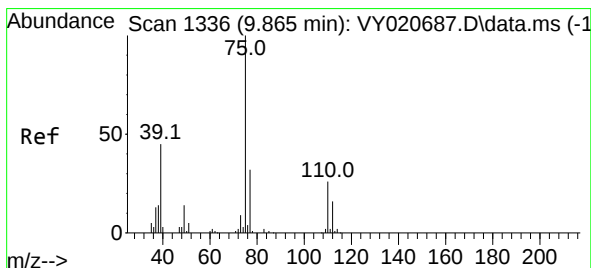
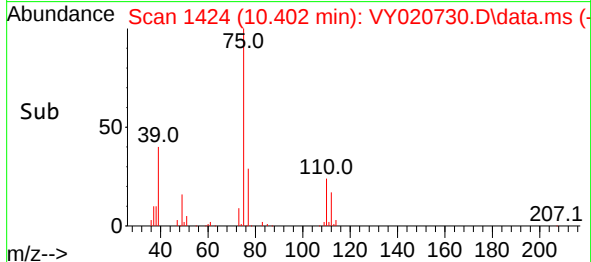
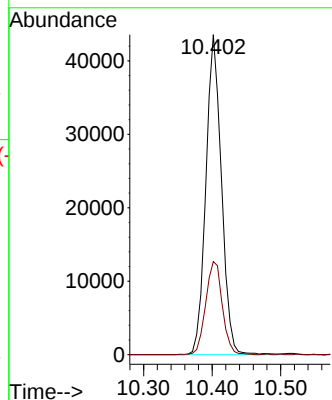
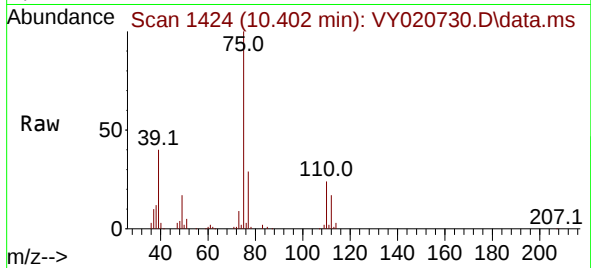




#53
t-1,3-Dichloropropene
Concen: 49.988 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

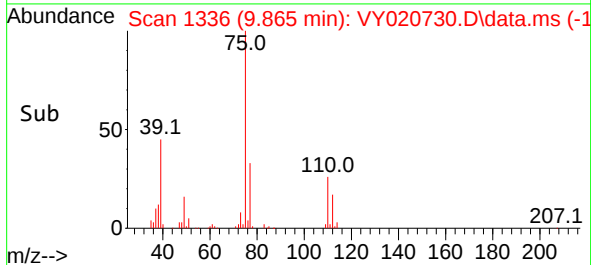
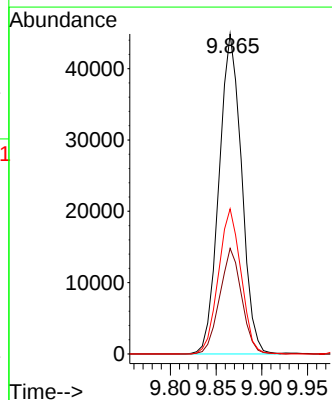
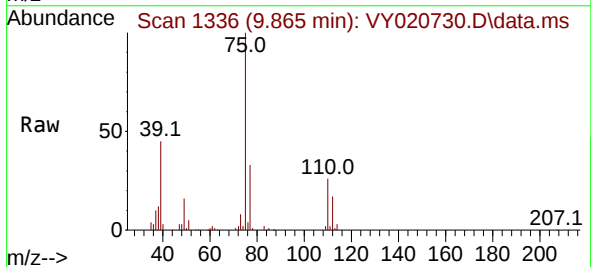
Instrument :
MSVOA_Y
ClientSampleId :

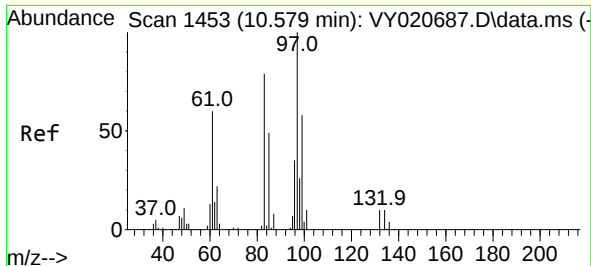
Tgt Ion: 75 Resp: 68883
Ion Ratio Lower Upper
75 100
77 28.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 51.073 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 75 Resp: 77141
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4
39 45.4 36.2 54.2

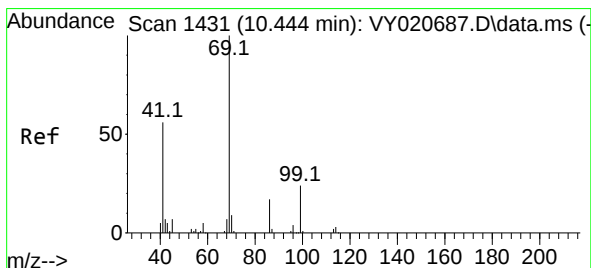
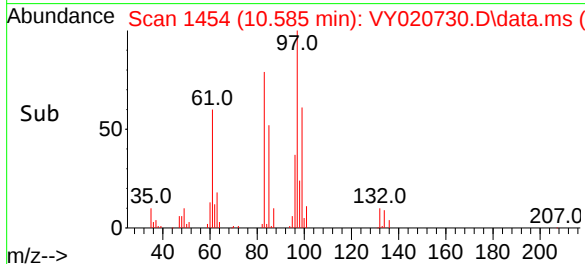
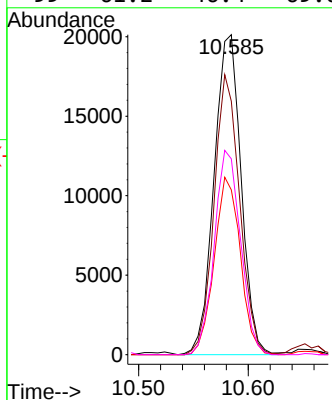
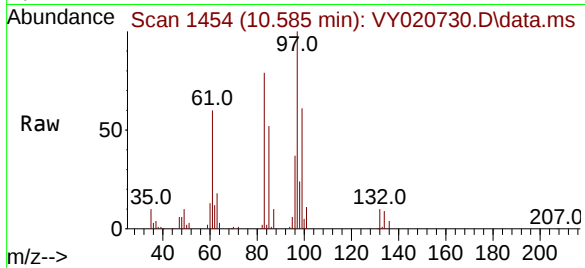




#55
1,1,2-Trichloroethane
Concen: 48.960 ug/l
RT: 10.585 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

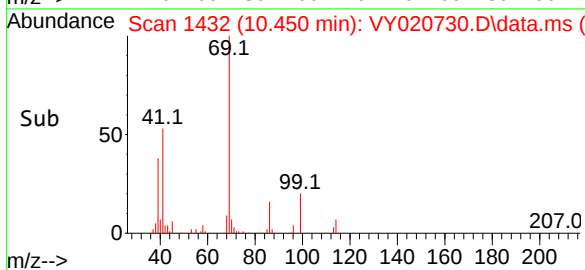
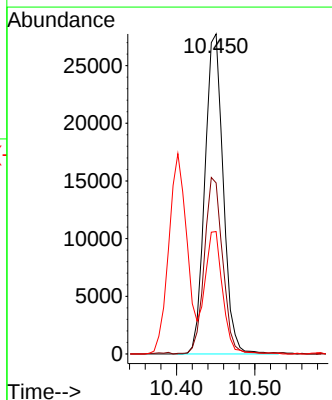
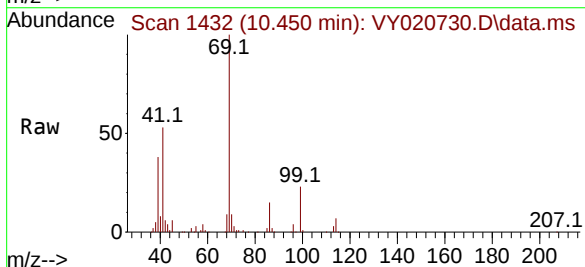
Instrument :
MSVOA_Y
ClientSampleId :

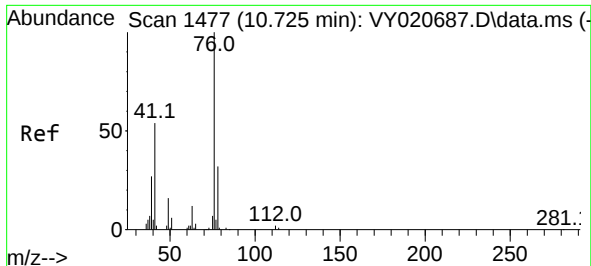
Tgt Ion: 97	Resp: 34585
Ion Ratio	Lower Upper
97 100	
83 79.2	63.1 94.7
85 51.5	39.5 59.3
99 61.2	46.4 69.6



#56
Ethyl methacrylate
Concen: 48.555 ug/l
RT: 10.450 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 69	Resp: 45059
Ion Ratio	Lower Upper
69 100	
41 54.4	43.8 65.6
39 36.9	32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.620 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

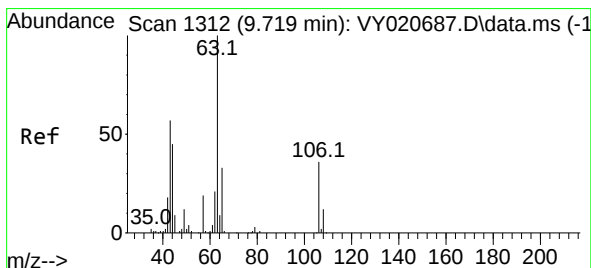
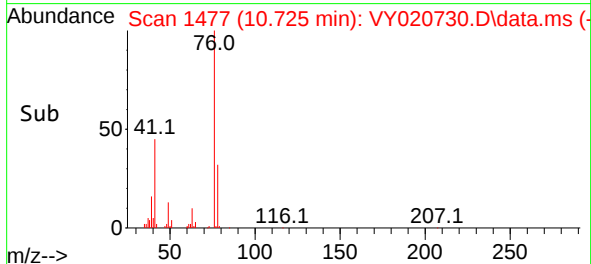
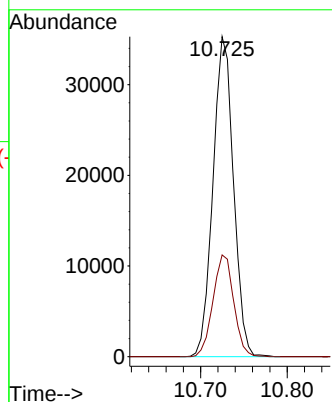
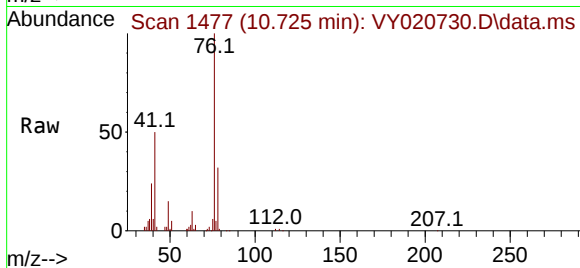
ClientSampleId :

Tgt Ion: 76 Resp: 58035

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 280.828 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VY020730.D

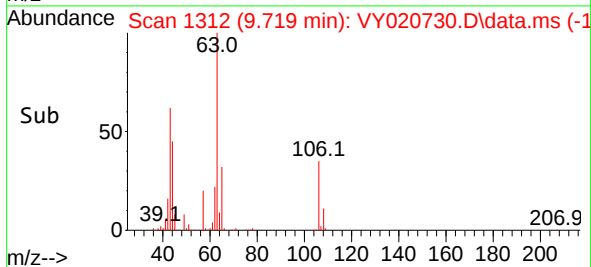
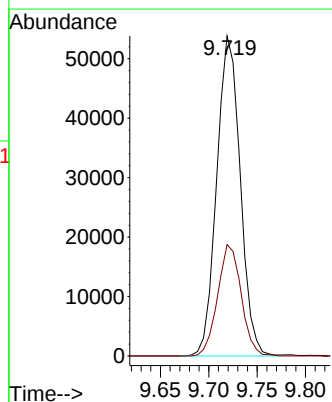
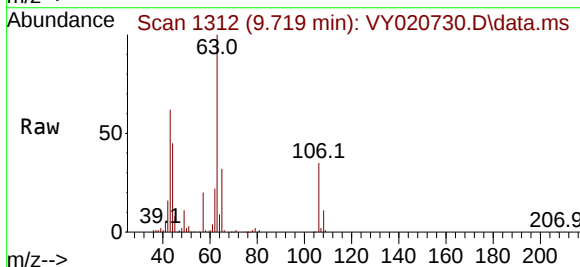
Acq: 27 Dec 2024 10:20

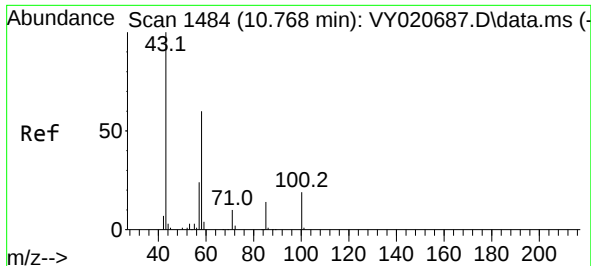
Tgt Ion: 63 Resp: 90878

Ion Ratio Lower Upper

63 100

106 34.9 29.1 43.7

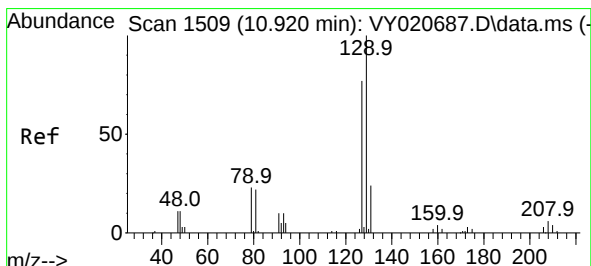
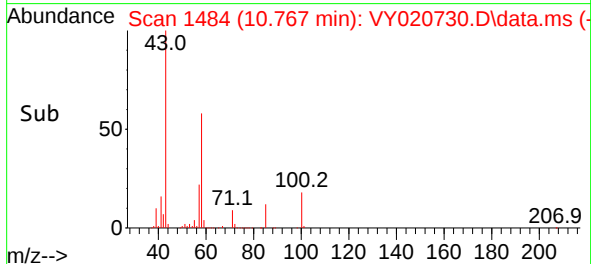
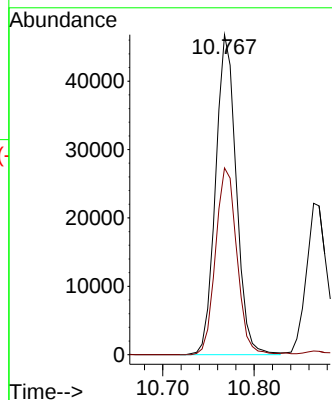
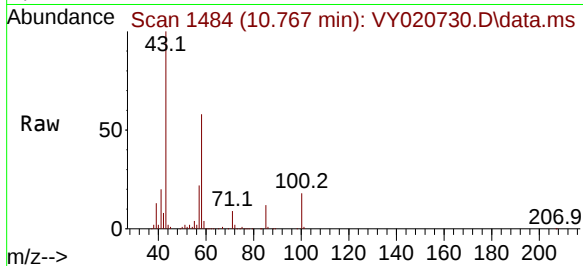




#59
2-Hexanone
Concen: 241.330 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

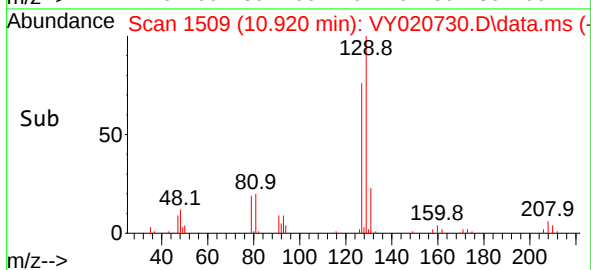
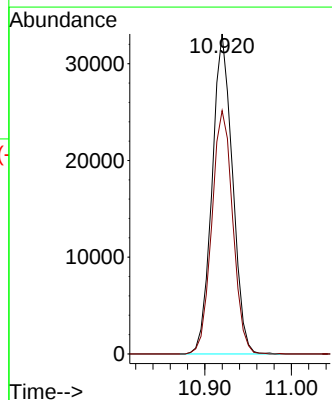
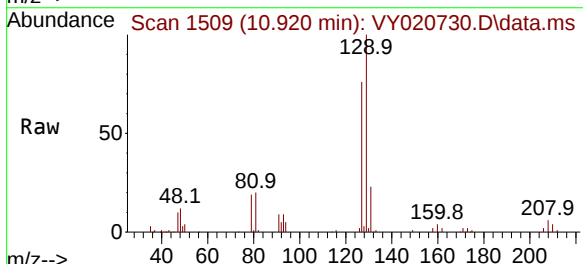
Instrument :
MSVOA_Y
ClientSampleId :

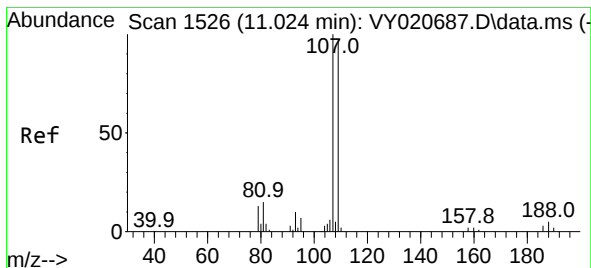
Tgt Ion: 43 Resp: 73439
Ion Ratio Lower Upper
43 100
58 60.2 30.1 90.5



#60
Dibromochloromethane
Concen: 47.479 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion:129 Resp: 54194
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

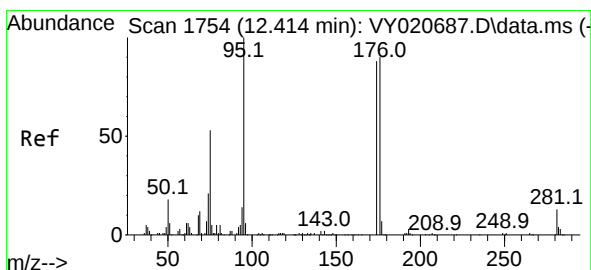
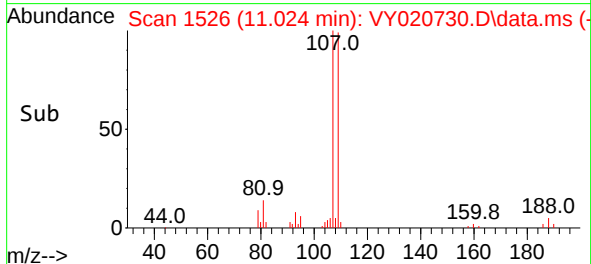
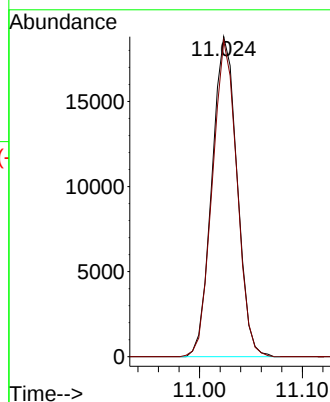
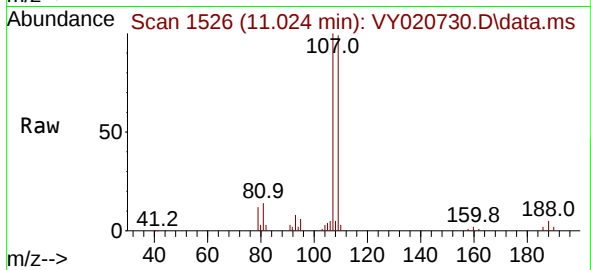




#61
1,2-Dibromoethane
Concen: 47.996 ug/l
RT: 11.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

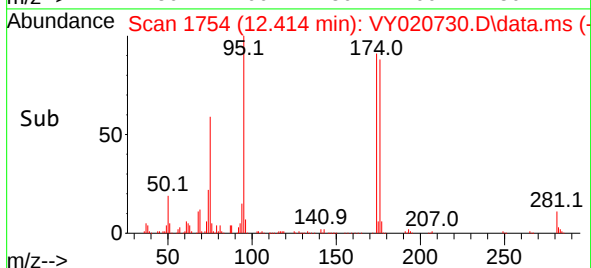
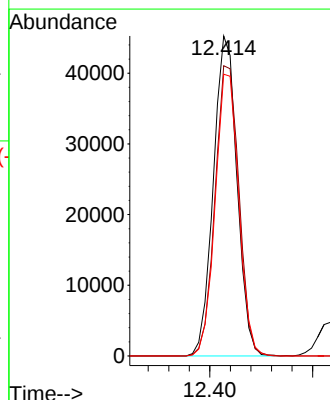
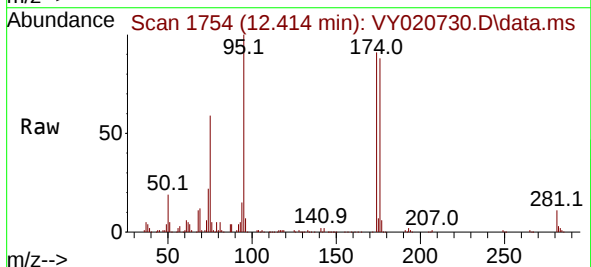
Instrument :
MSVOA_Y
ClientSampleId :

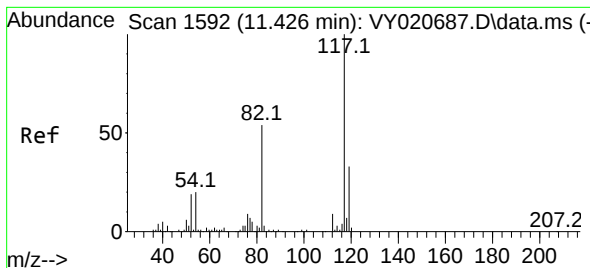
Tgt Ion:107 Resp: 31902
Ion Ratio Lower Upper
107 100
109 96.6 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 52.533 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 95 Resp: 72054
Ion Ratio Lower Upper
95 100
174 92.0 0.0 179.2
176 87.9 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

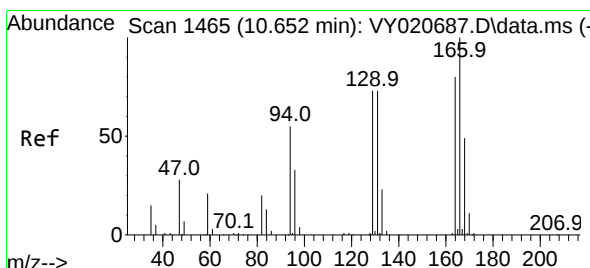
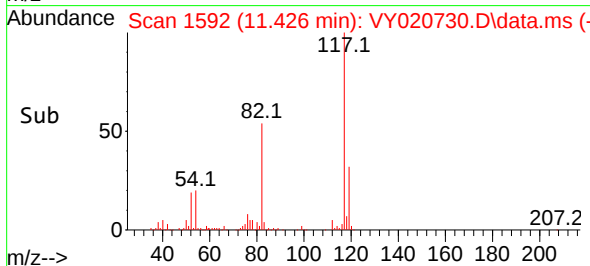
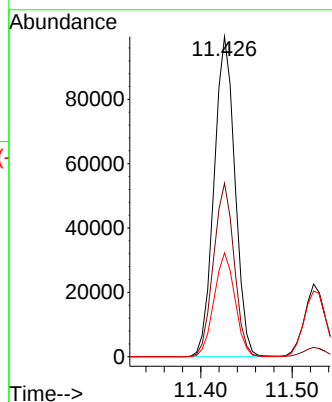
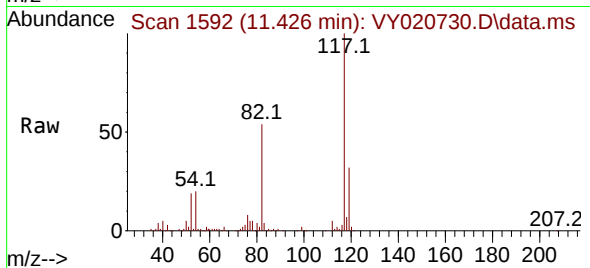
Tgt Ion:117 Resp: 158006

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.2

119 32.5 26.6 39.8



#64

Tetrachloroethene

Concen: 51.226 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Tgt Ion:164 Resp: 55299

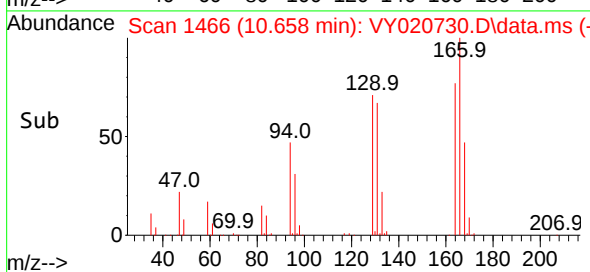
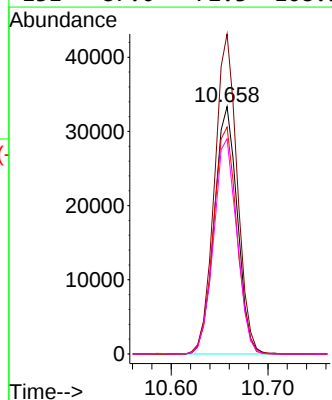
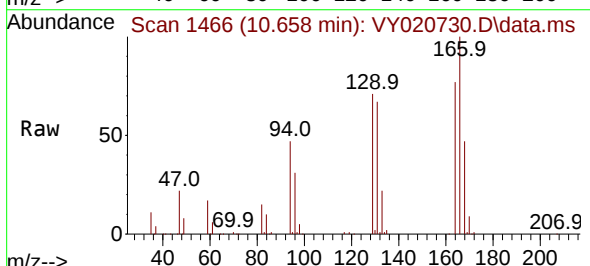
Ion Ratio Lower Upper

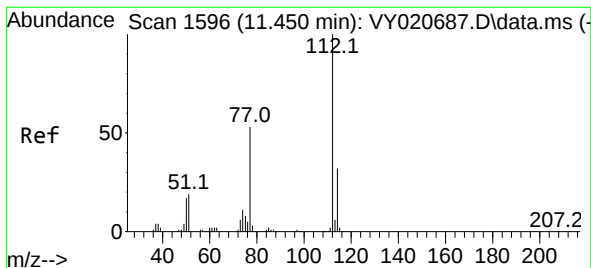
164 100

166 129.4 99.6 149.4

129 91.7 73.0 109.4

131 87.0 72.3 108.5





#65

Chlorobenzene

Concen: 50.236 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

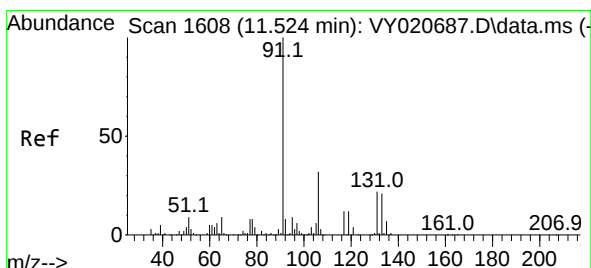
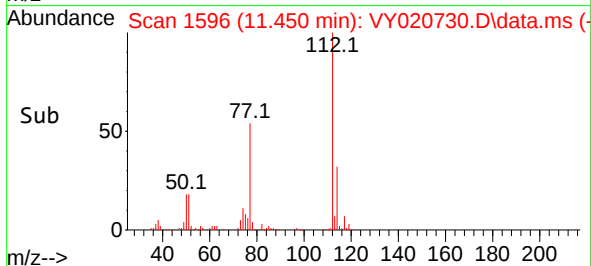
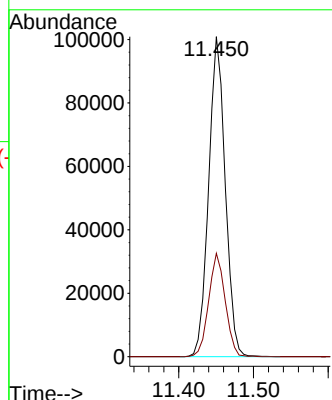
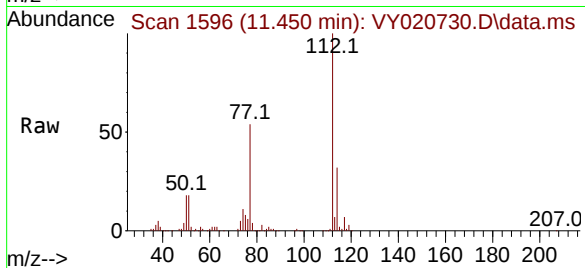
ClientSampleId :

Tgt Ion:112 Resp: 155423

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 49.299 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.001 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

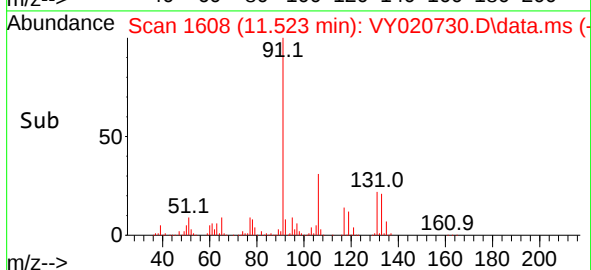
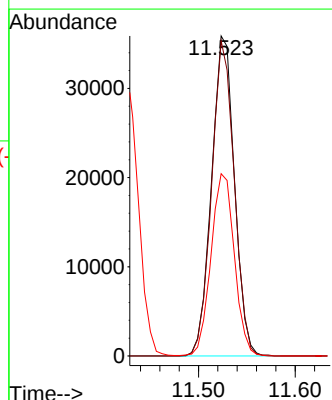
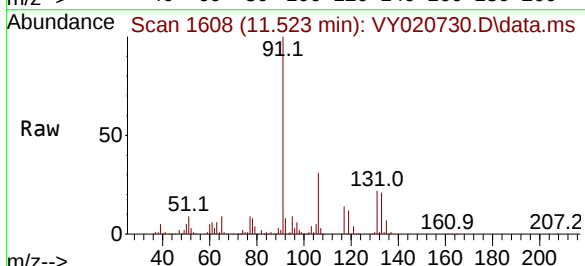
Tgt Ion:131 Resp: 59092

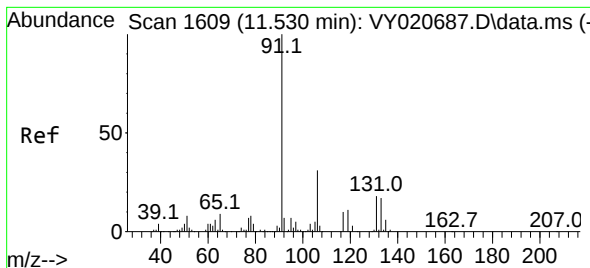
Ion Ratio Lower Upper

131 100

133 96.9 48.6 145.9

119 58.0 28.4 85.3





#67

Ethyl Benzene

Concen: 51.530 ug/l

RT: 11.530 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

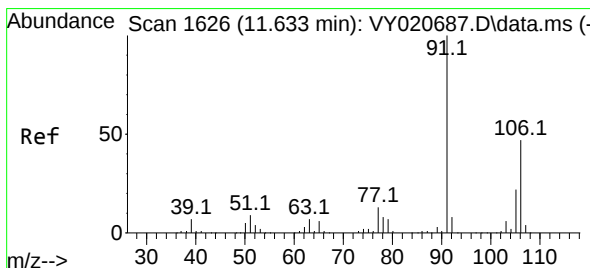
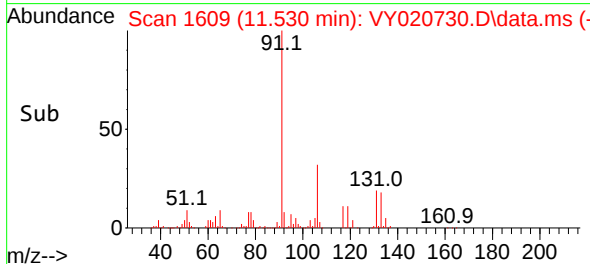
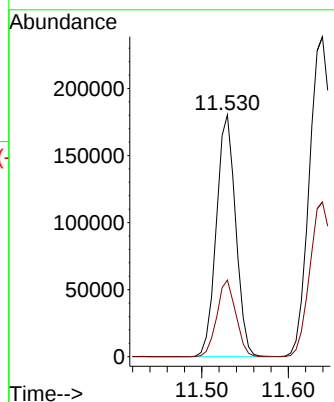
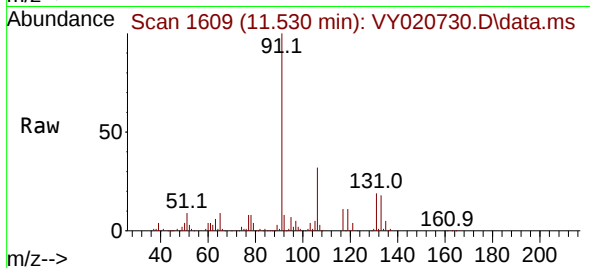
ClientSampleId :

Tgt Ion: 91 Resp: 278643

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 102.165 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020730.D

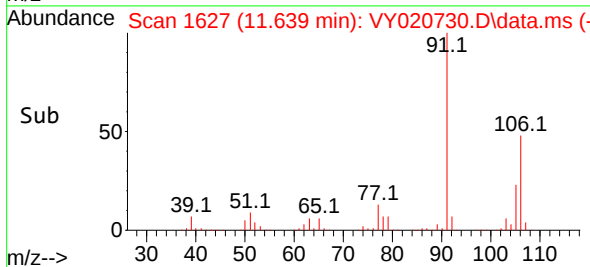
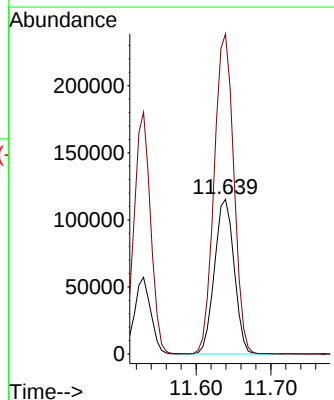
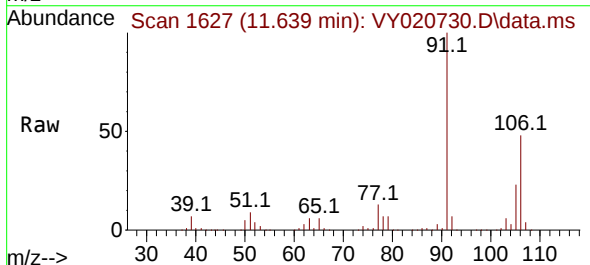
Acq: 27 Dec 2024 10:20

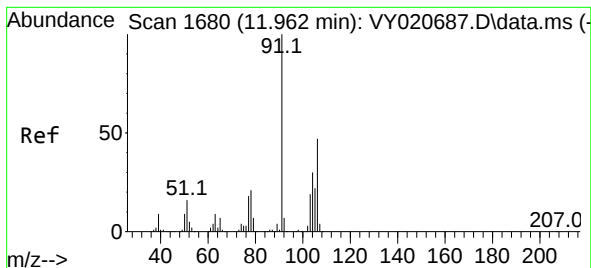
Tgt Ion:106 Resp: 210736

Ion Ratio Lower Upper

106 100

91 207.2 166.6 250.0





#69

o-Xylene

Concen: 50.953 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

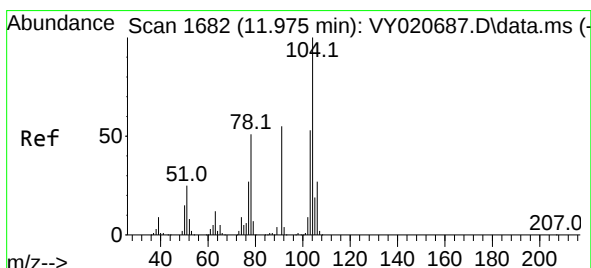
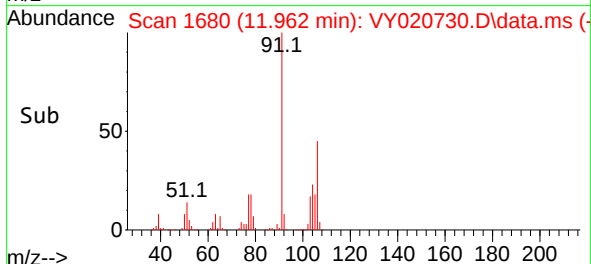
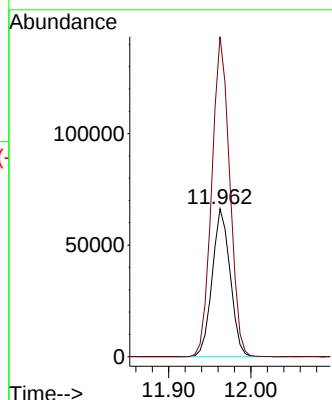
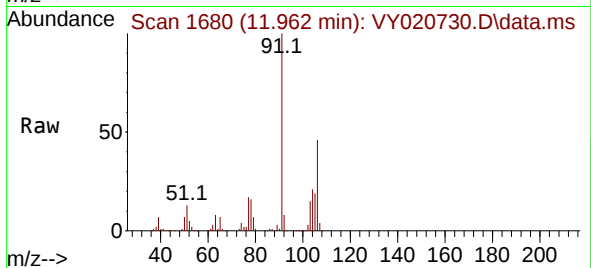
ClientSampleId :

Tgt Ion:106 Resp: 100416

Ion Ratio Lower Upper

106 100

91 216.4 108.6 325.8



#70

Styrene

Concen: 51.103 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

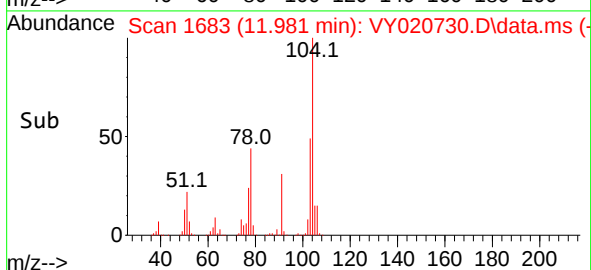
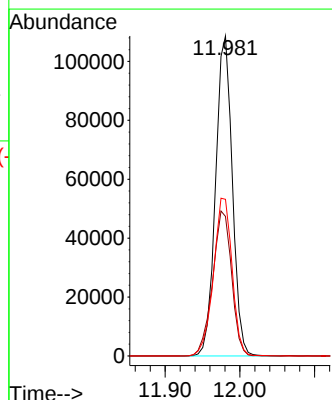
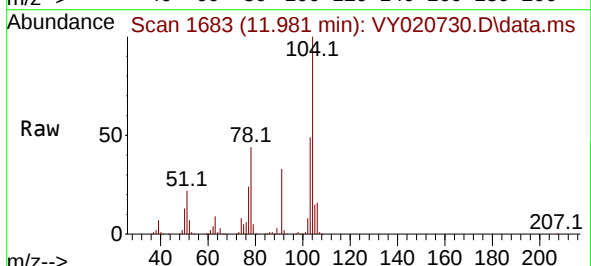
Tgt Ion:104 Resp: 169065

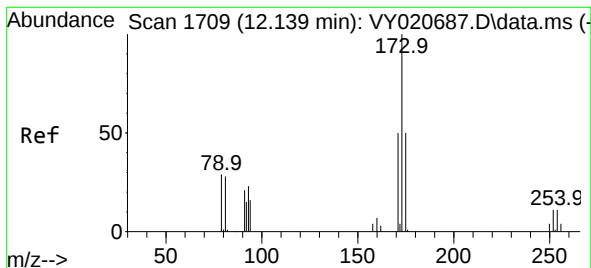
Ion Ratio Lower Upper

104 100

78 51.3 43.0 64.4

103 54.9 44.4 66.6





#71

Bromoform

Concen: 48.410 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020730.D

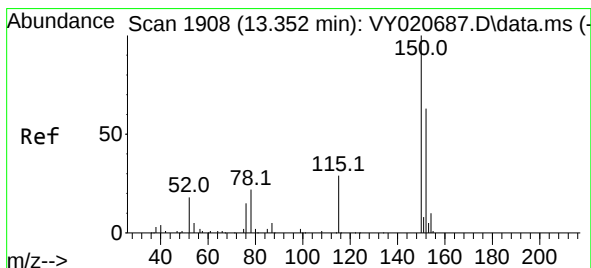
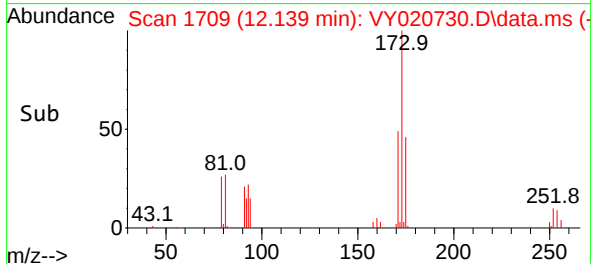
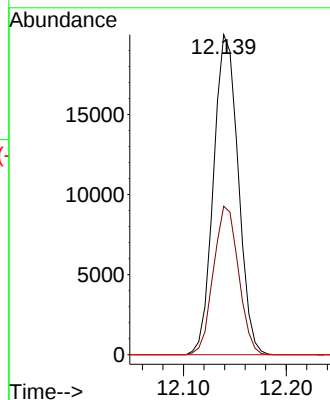
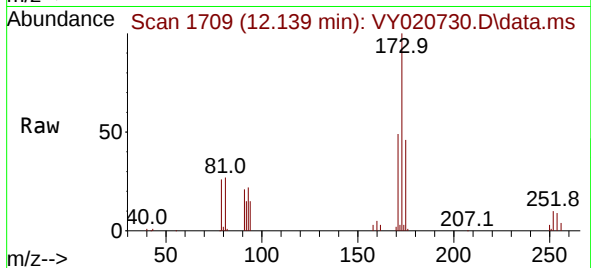
Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	33360
Ion Ratio	Lower	Upper	
173	100		
175	47.1	24.2	72.6
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

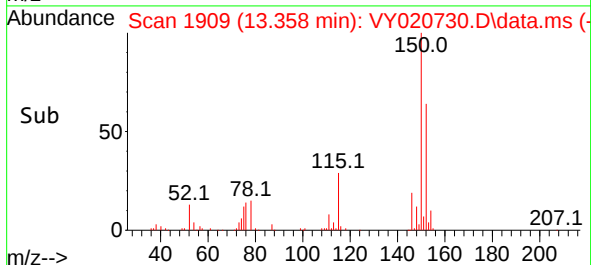
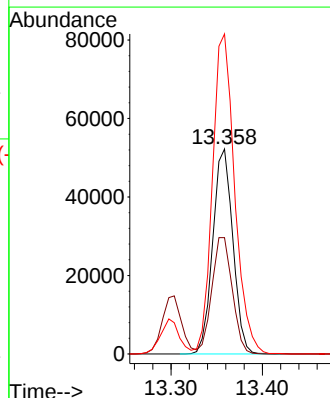
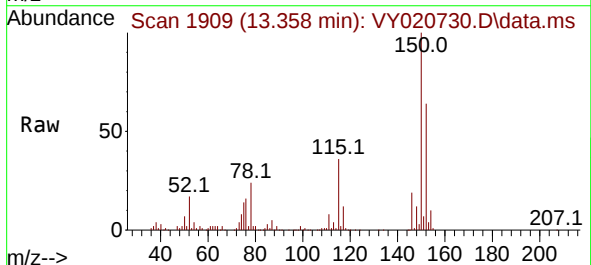
RT: 13.358 min Scan# 1909

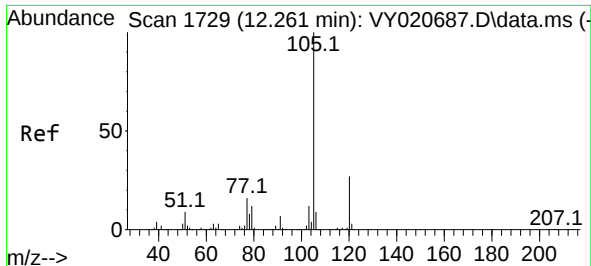
Delta R.T. 0.006 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Tgt Ion:	152	Resp:	79722
Ion Ratio	Lower	Upper	
152	100		
115	57.7	30.3	90.9
150	172.4	0.0	349.0

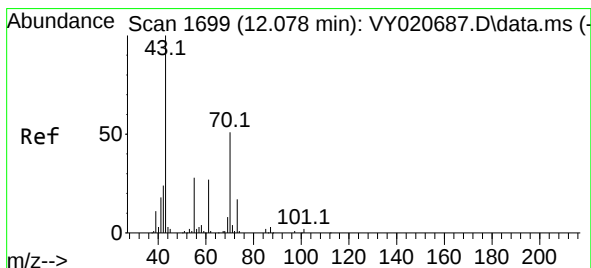
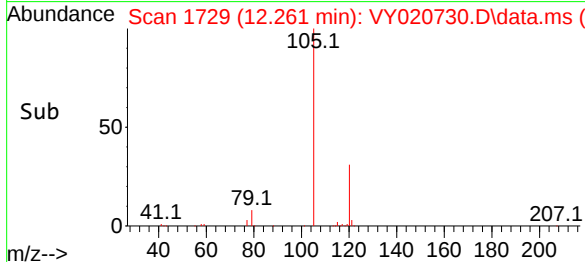
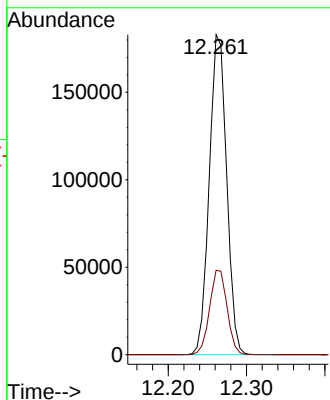
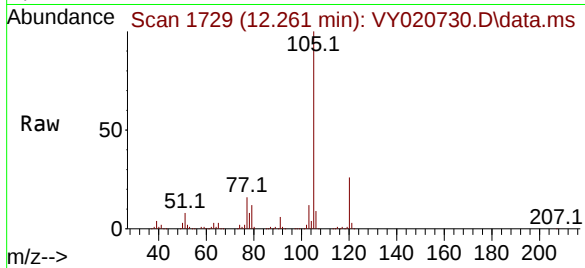




#73
Isopropylbenzene
Concen: 51.018 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

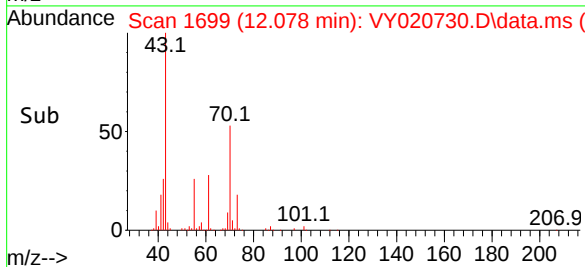
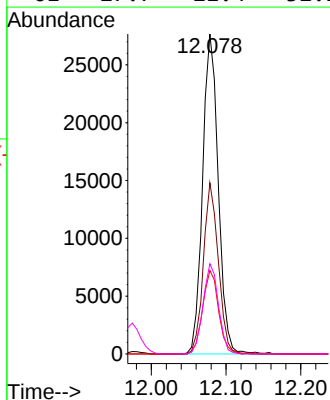
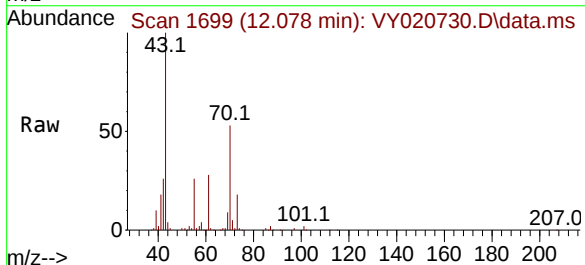
Instrument :
MSVOA_Y
ClientSampleId :

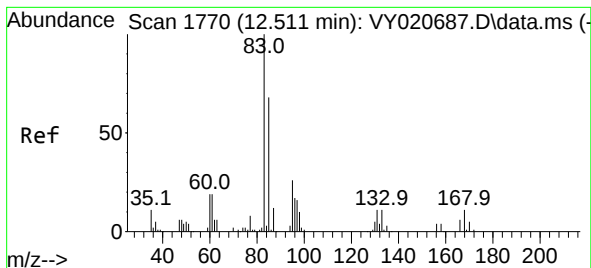
Tgt Ion:105 Resp: 281788
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 51.243 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 43 Resp: 40220
Ion Ratio Lower Upper
43 100
70 51.0 39.7 59.5
55 26.6 21.5 32.3
61 27.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.829 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

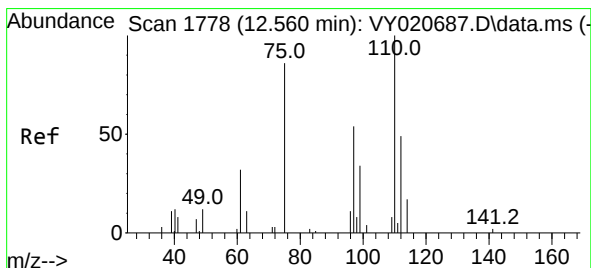
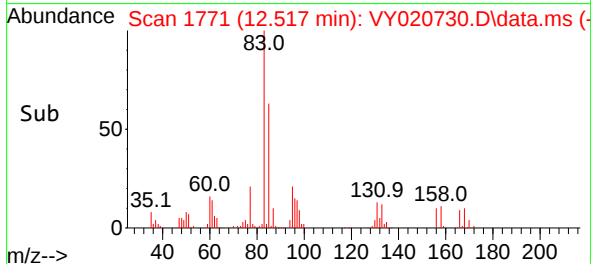
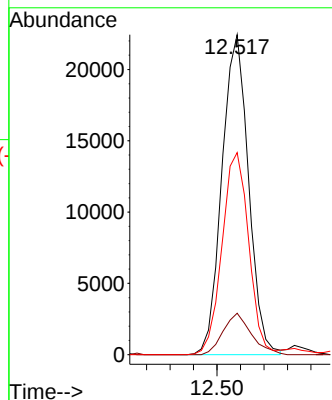
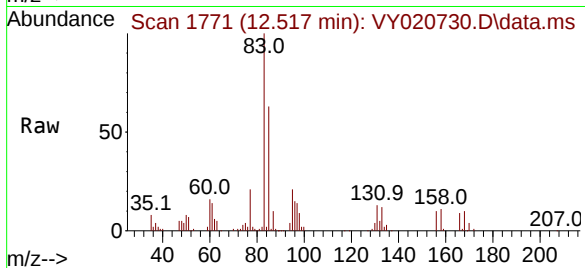
Tgt Ion: 83 Resp: 35282

Ion Ratio Lower Upper

83 100

131 13.7 6.9 20.7

85 63.5 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 98.719 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020730.D

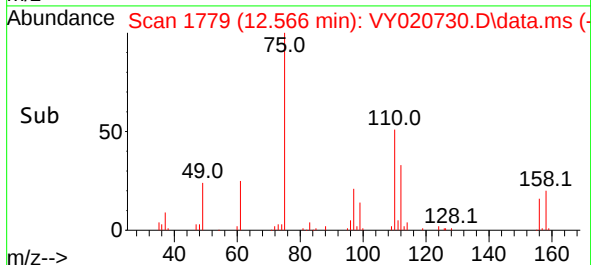
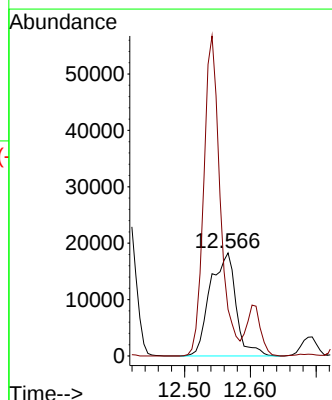
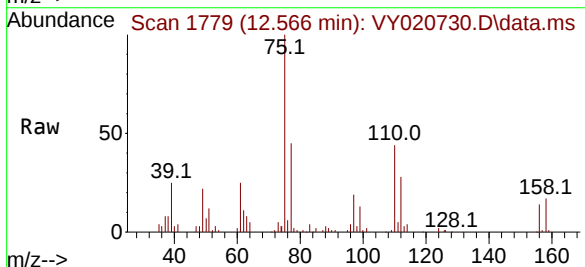
Acq: 27 Dec 2024 10:20

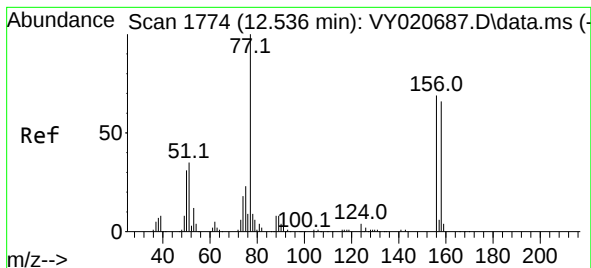
Tgt Ion: 75 Resp: 50055

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.818 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

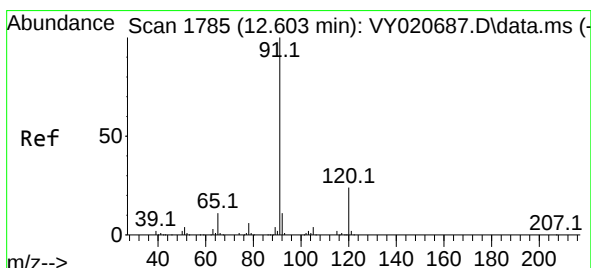
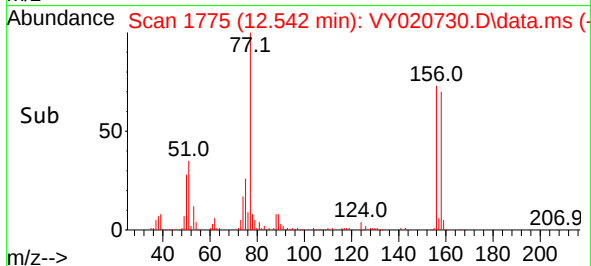
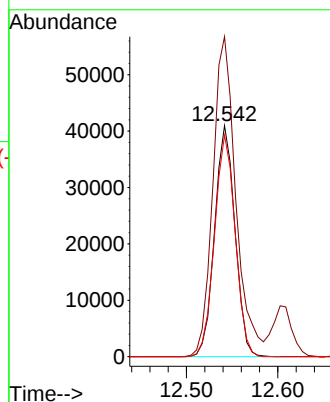
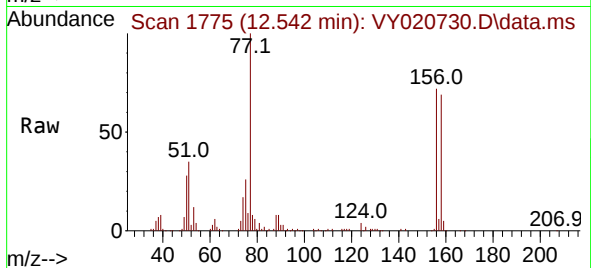
Tgt Ion:156 Resp: 63340

Ion Ratio Lower Upper

156 100

77 156.3 78.3 235.0

158 97.5 48.3 144.9



#78

n-propylbenzene

Concen: 51.696 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020730.D

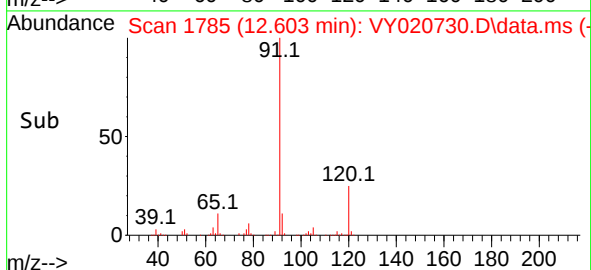
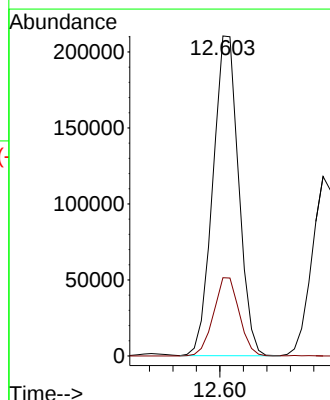
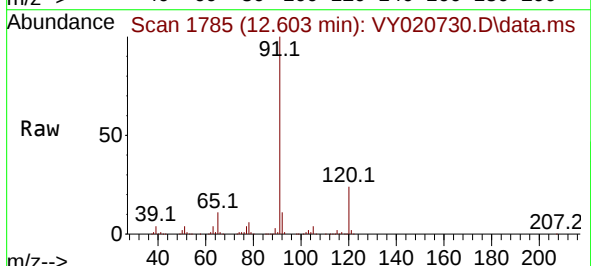
Acq: 27 Dec 2024 10:20

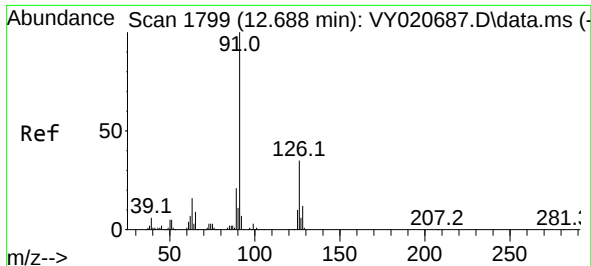
Tgt Ion: 91 Resp: 320025

Ion Ratio Lower Upper

91 100

120 24.4 12.3 36.8





#79

2-Chlorotoluene

Concen: 51.704 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

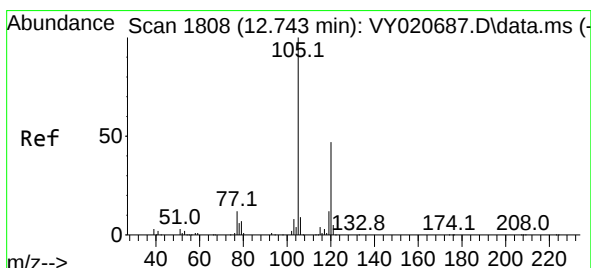
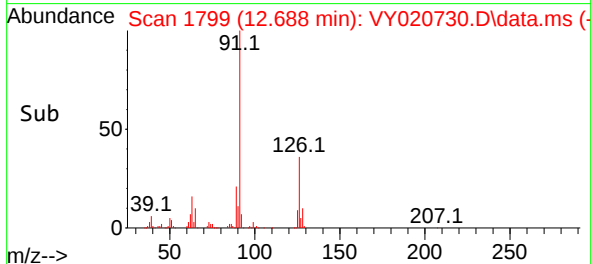
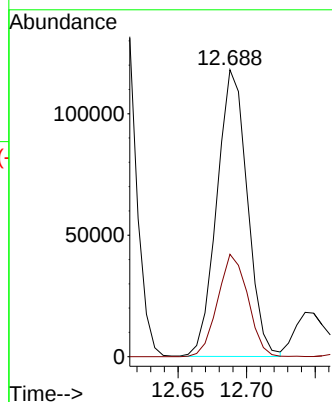
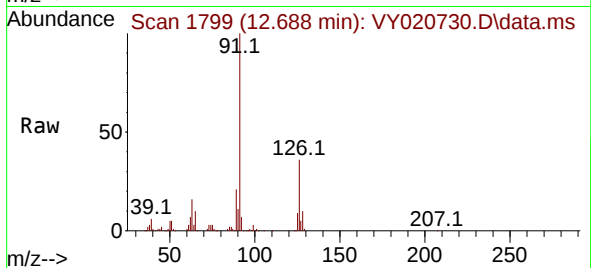
ClientSampleId :

Tgt Ion: 91 Resp: 182465

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 50.121 ug/l

RT: 12.749 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VY020730.D

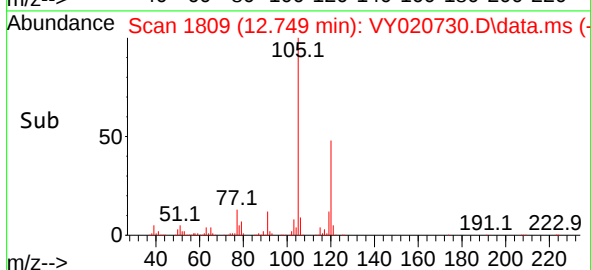
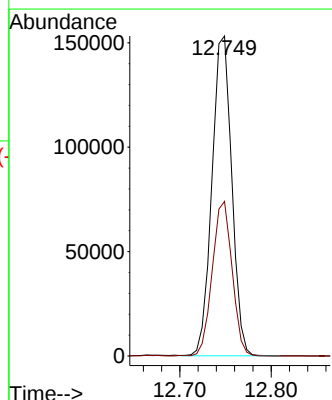
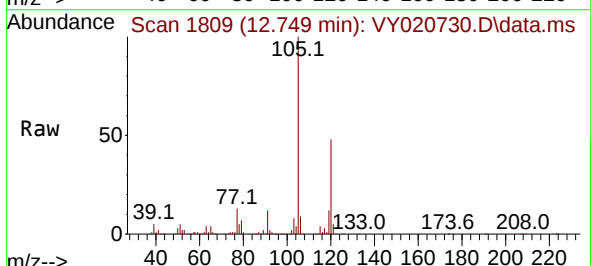
Acq: 27 Dec 2024 10:20

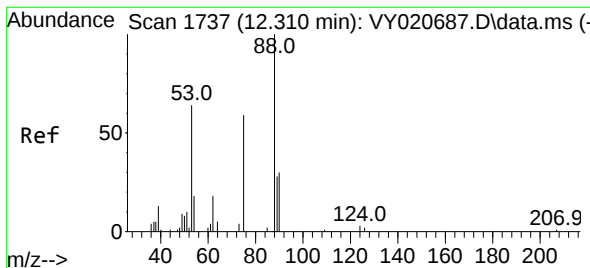
Tgt Ion:105 Resp: 230643

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.7

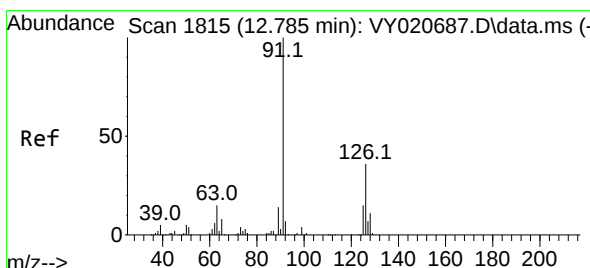
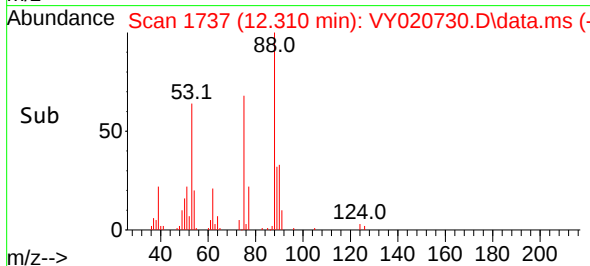
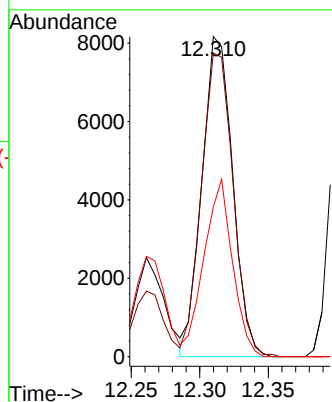
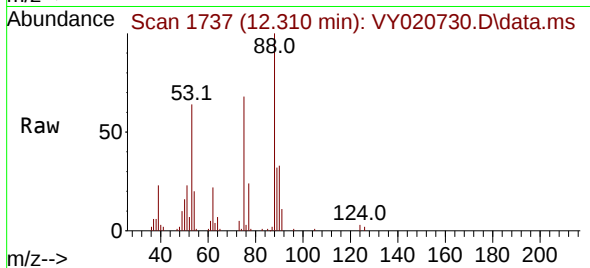




#81
trans-1,4-Dichloro-2-butene
Concen: 49.672 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

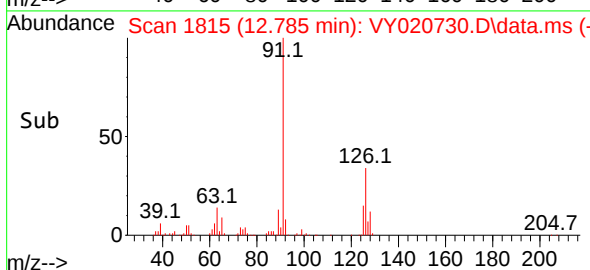
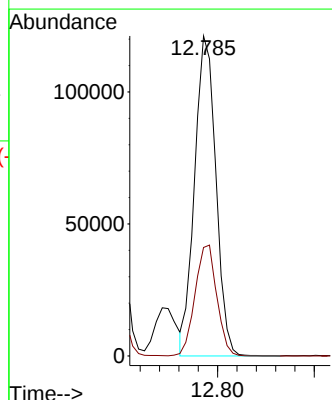
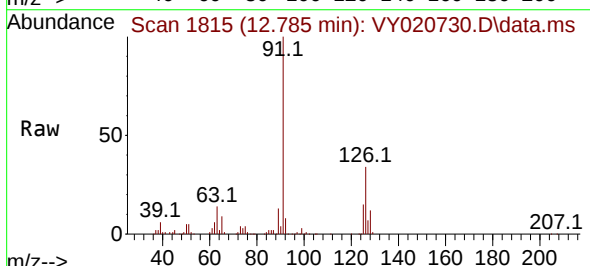
Instrument :
MSVOA_Y
ClientSampleId :

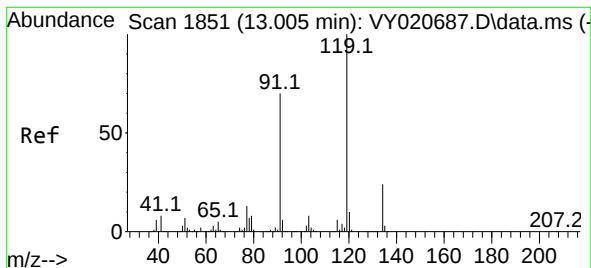
Tgt Ion: 75 Resp: 12742
Ion Ratio Lower Upper
75 100
53 97.4 83.1 124.7
89 51.6 40.6 61.0



#82
4-Chlorotoluene
Concen: 50.803 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020730.D
Acq: 27 Dec 2024 10:20

Tgt Ion: 91 Resp: 185289
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.5





#83

tert-Butylbenzene

Concen: 49.378 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

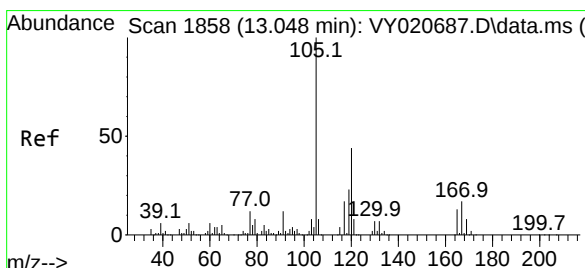
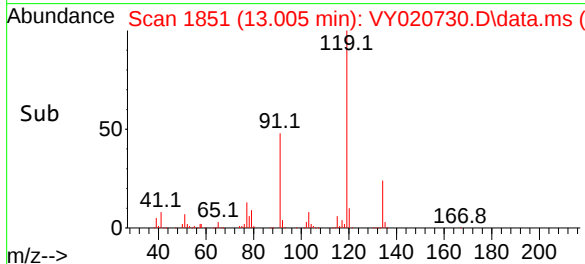
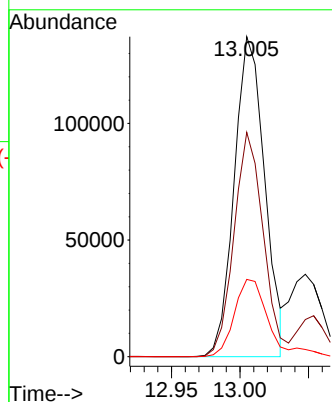
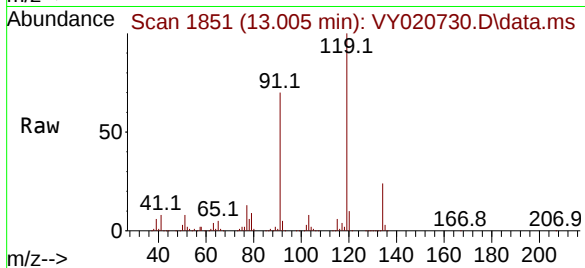
Tgt Ion:119 Resp: 212202

Ion Ratio Lower Upper

119 100

91 67.8 33.6 100.8

134 27.2 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 50.937 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020730.D

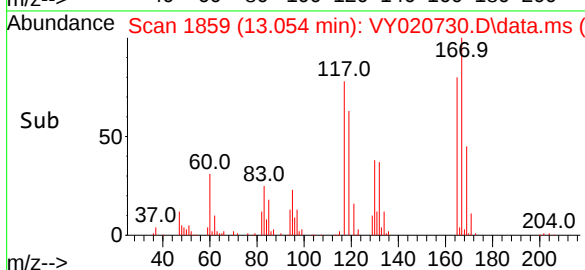
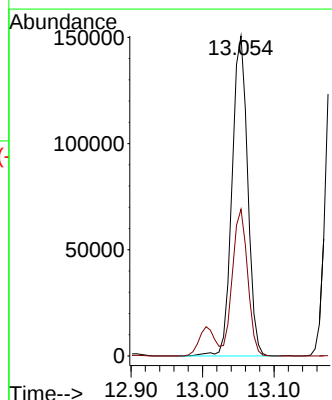
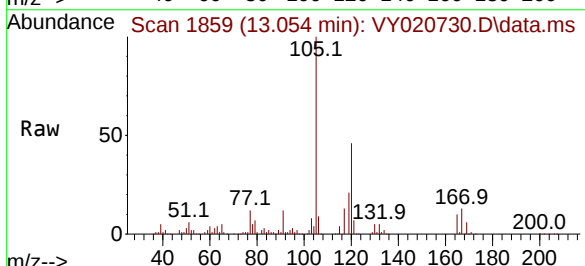
Acq: 27 Dec 2024 10:20

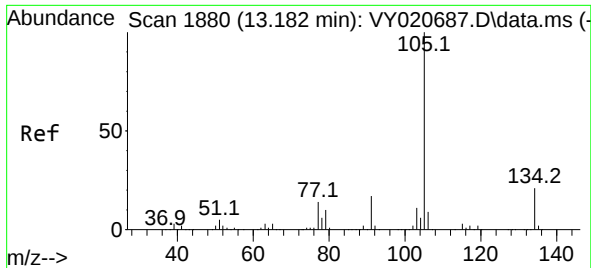
Tgt Ion:105 Resp: 228098

Ion Ratio Lower Upper

105 100

120 45.0 21.8 65.3

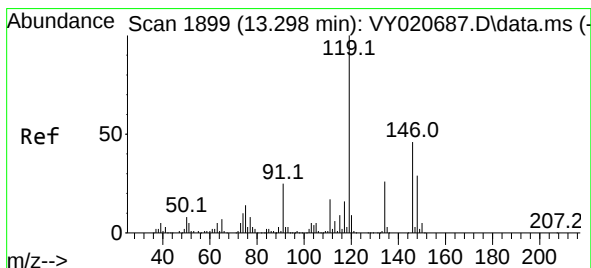
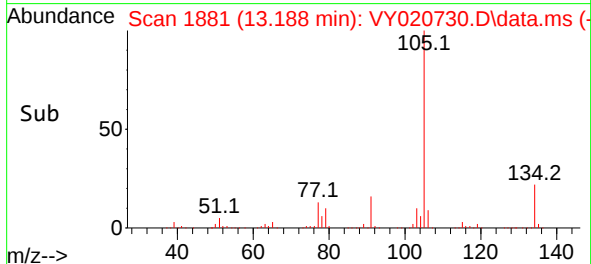
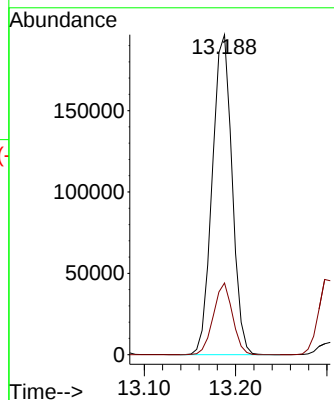
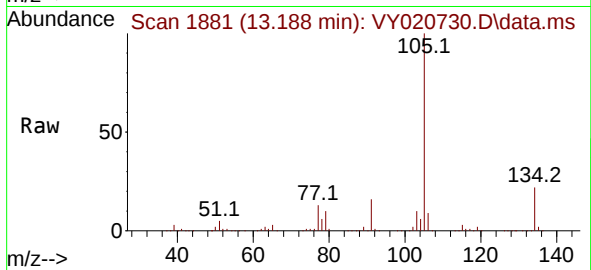




#85
 sec-Butylbenzene
 Concen: 50.923 ug/l
 RT: 13.188 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY020730.D
 Acq: 27 Dec 2024 10:20

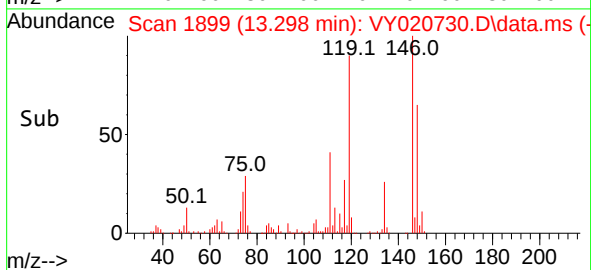
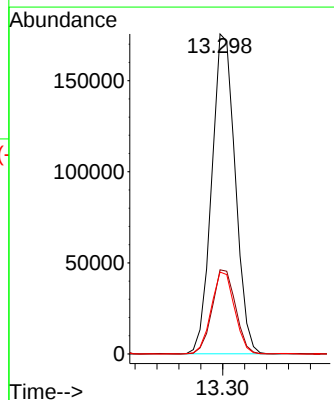
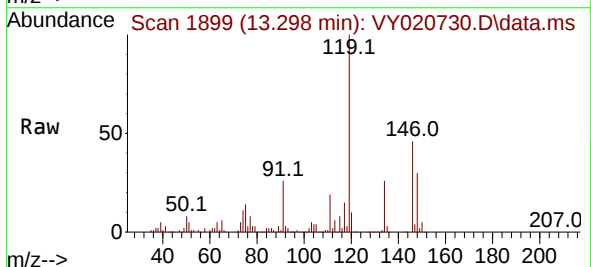
Instrument :
 MSVOA_Y
 ClientSampleId :

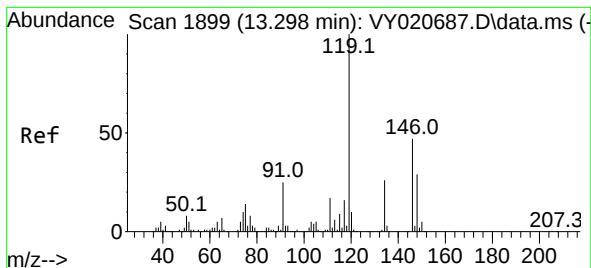
Tgt Ion:105 Resp: 294934
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 50.601 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY020730.D
 Acq: 27 Dec 2024 10:20

Tgt Ion:119 Resp: 261181
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 25.4 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 49.311 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

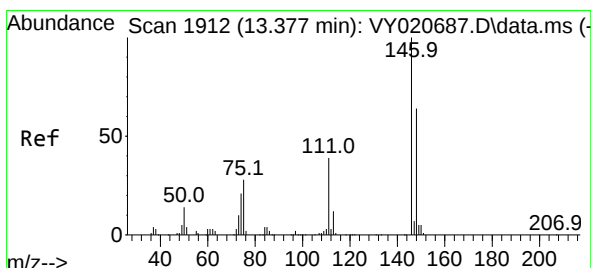
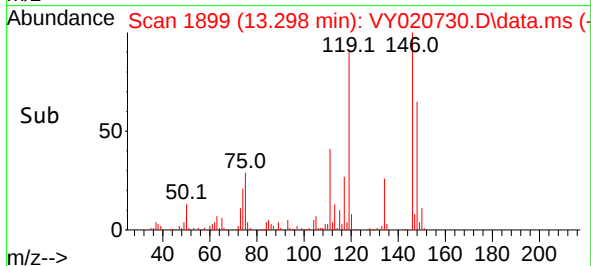
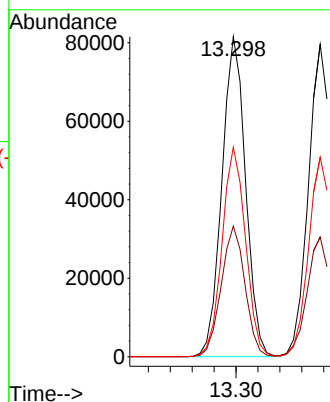
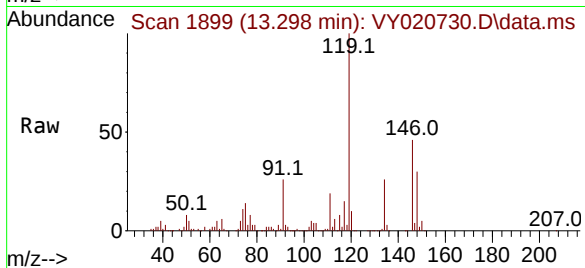
Tgt Ion:146 Resp: 122537

Ion Ratio Lower Upper

146 100

111 40.8 19.3 57.8

148 64.9 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 49.194 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

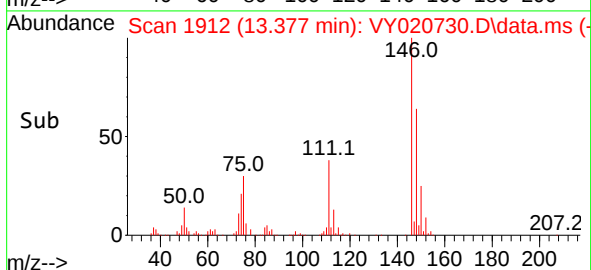
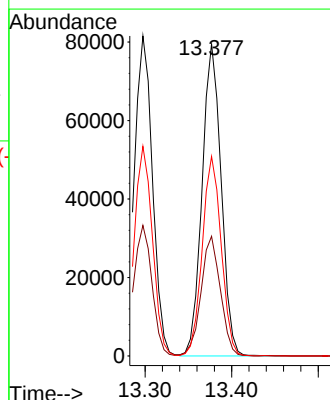
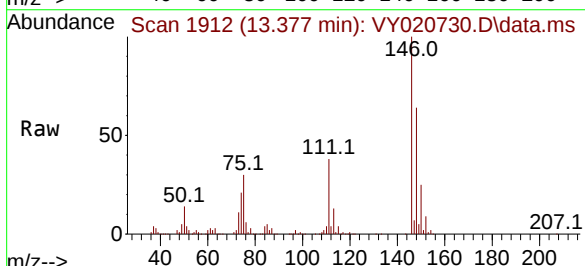
Tgt Ion:146 Resp: 121606

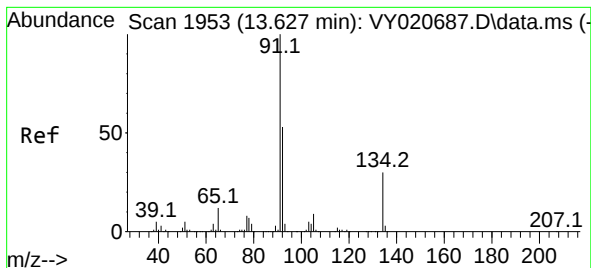
Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

148 63.6 32.8 98.3





#89

n-Butylbenzene

Concen: 51.106 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

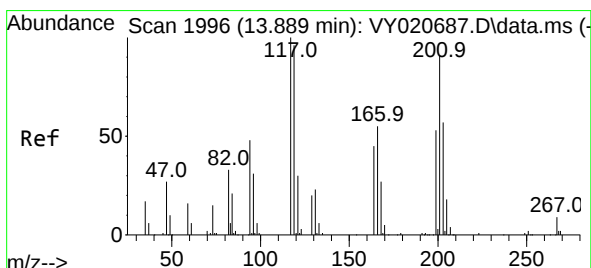
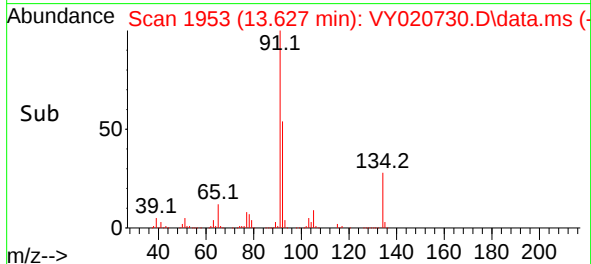
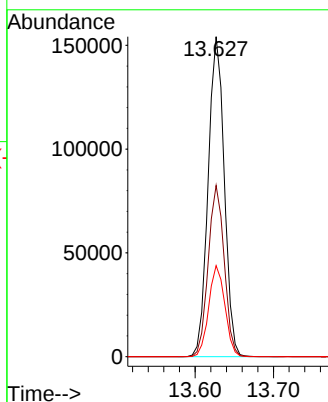
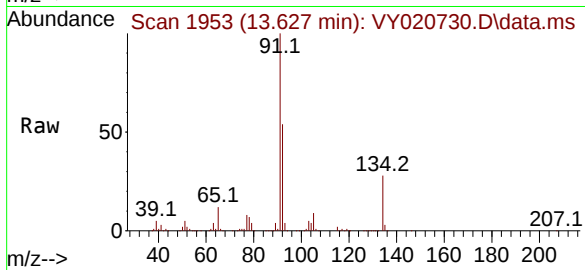
Tgt Ion: 91 Resp: 220197

Ion Ratio Lower Upper

91 100

92 53.1 26.1 78.2

134 28.5 14.8 44.4



#90

Hexachloroethane

Concen: 49.082 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY020730.D

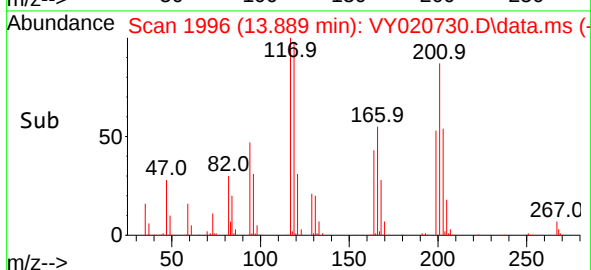
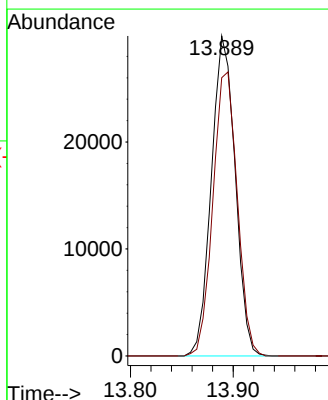
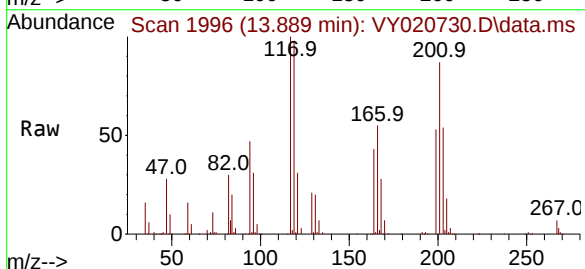
Acq: 27 Dec 2024 10:20

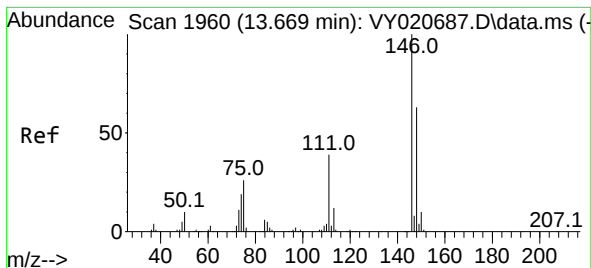
Tgt Ion: 117 Resp: 48174

Ion Ratio Lower Upper

117 100

201 90.5 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 50.053 ug/l

RT: 13.669 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

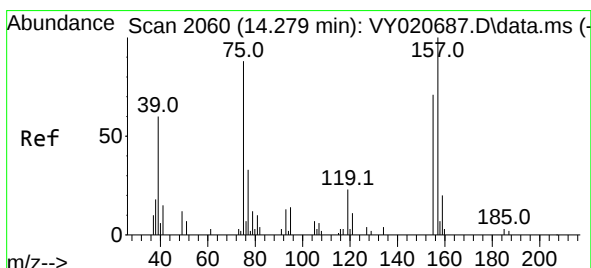
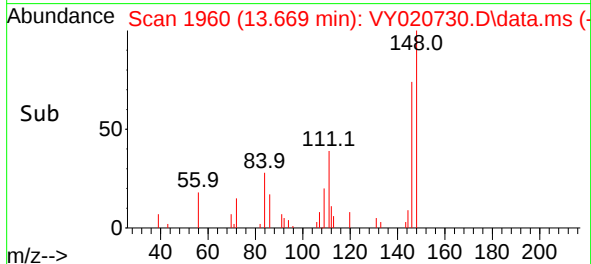
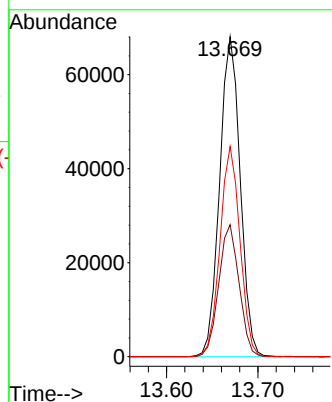
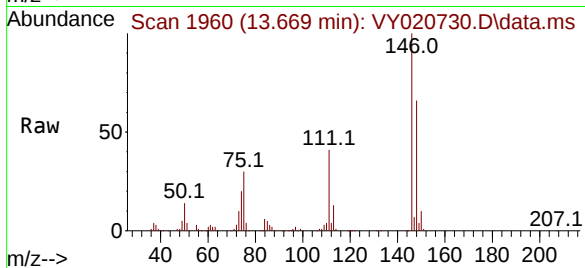
Tgt Ion:146 Resp: 106646

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 63.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.188 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

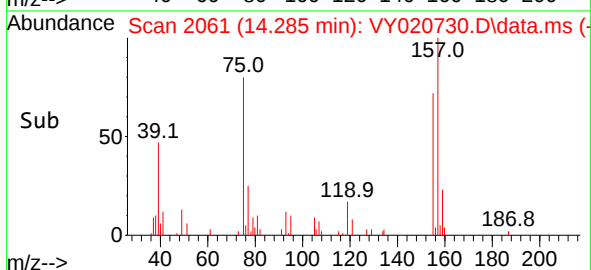
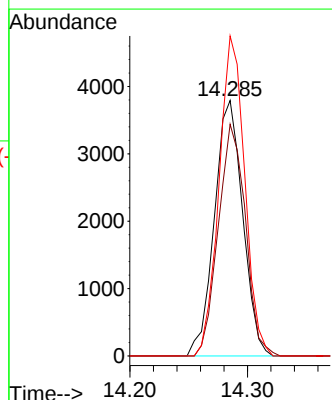
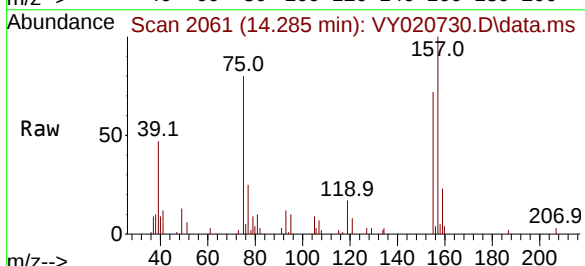
Tgt Ion: 75 Resp: 6343

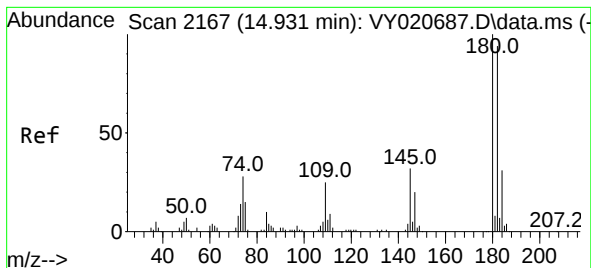
Ion Ratio Lower Upper

75 100

155 87.0 43.4 130.2

157 113.6 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 48.435 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

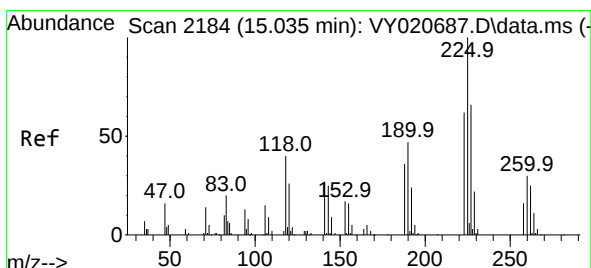
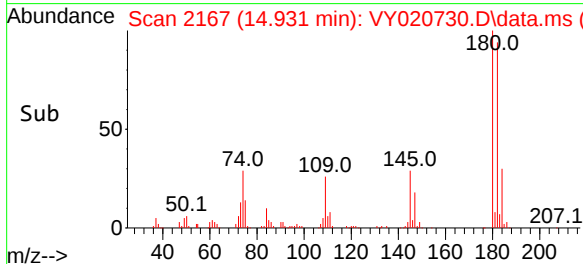
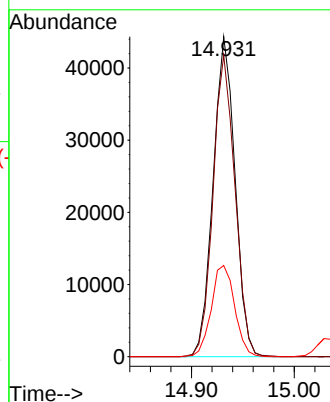
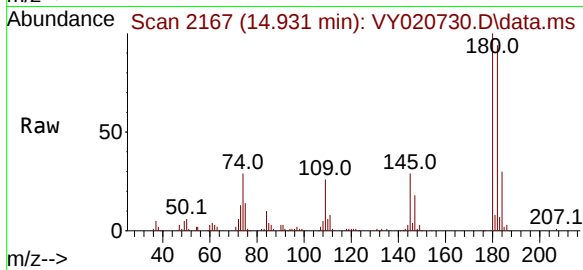
Tgt Ion:180 Resp: 65595

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 30.4 15.6 46.8



#94

Hexachlorobutadiene

Concen: 48.539 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

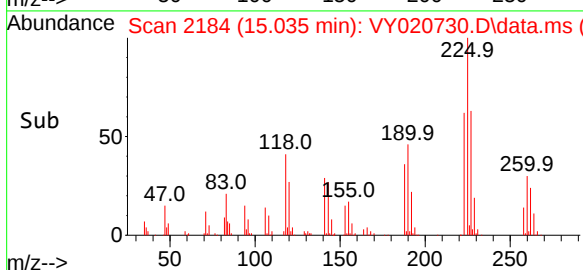
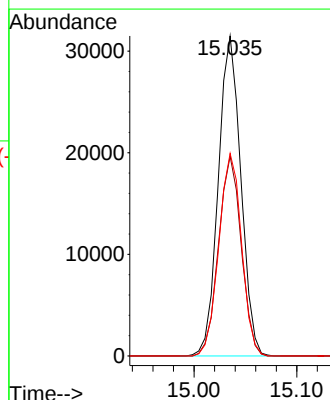
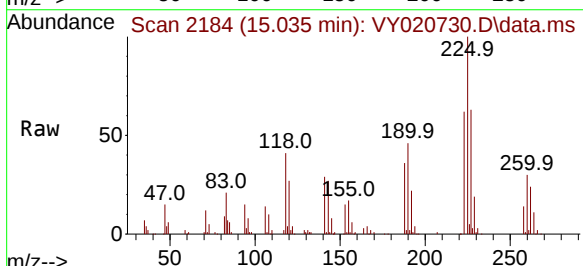
Tgt Ion:225 Resp: 47909

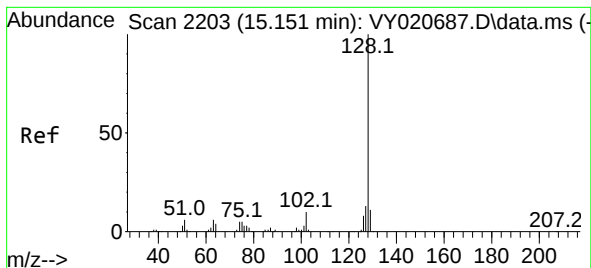
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

227 63.6 32.1 96.5





#95

Naphthalene

Concen: 46.361 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Instrument :

MSVOA_Y

ClientSampleId :

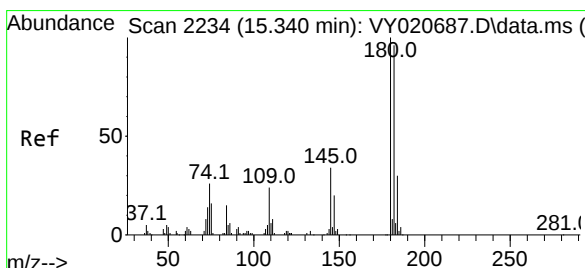
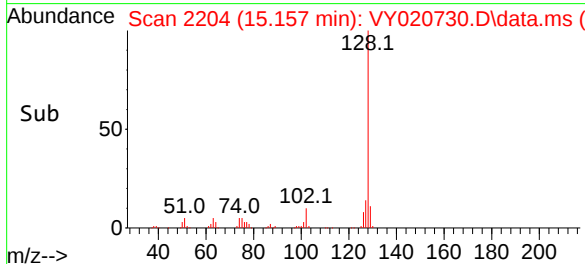
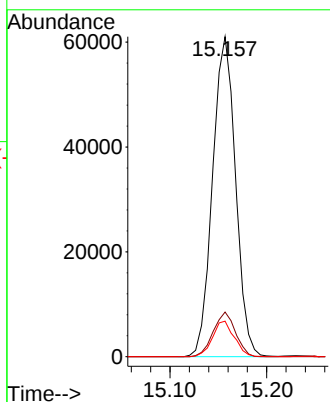
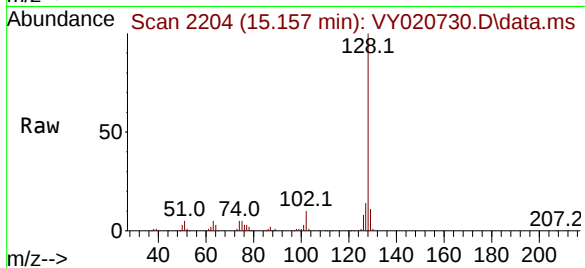
Tgt Ion:128 Resp: 100561

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.236 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.000 min

Lab File: VY020730.D

Acq: 27 Dec 2024 10:20

Tgt Ion:180 Resp: 53264

Ion Ratio Lower Upper

180 100

182 95.8 47.4 142.2

145 32.7 16.7 50.1

