

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021030.D
 Acq On : 03 Feb 2025 15:17
 Operator : SY/MD
 Sample : VY0203SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBSD01

Quant Time: Feb 04 00:55:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	203811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	313701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	262239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	128240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	102274	48.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.960%
35) Dibromofluoromethane	7.640	113	97150	48.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.640%
50) Toluene-d8	10.109	98	384555	50.244	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.408	95	124160	49.655	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	35336	19.452	ug/l	98
3) Chloromethane	2.074	50	34075	19.010	ug/l	98
4) Vinyl Chloride	2.208	62	33649	18.650	ug/l	98
5) Bromomethane	2.592	94	21460	19.245	ug/l	100
6) Chloroethane	2.739	64	20314	18.914	ug/l	95
7) Trichlorofluoromethane	3.062	101	63427	19.296	ug/l	97
8) Diethyl Ether	3.458	74	19173	18.685	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	40722	19.740	ug/l	96
10) Methyl Iodide	4.013	142	40731	17.772	ug/l	93
11) Tert butyl alcohol	4.854	59	16277	115.025	ug/l	100
12) 1,1-Dichloroethene	3.793	96	38055	19.583	ug/l	88
13) Acrolein	3.653	56	20591	94.495	ug/l	98
14) Allyl chloride	4.391	41	62978	19.229	ug/l	96
15) Acrylonitrile	5.067	53	42298	98.991	ug/l	99
16) Acetone	3.872	43	31826	97.730	ug/l	94
17) Carbon Disulfide	4.110	76	115246	18.912	ug/l	100
18) Methyl Acetate	4.391	43	22107	19.338	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	96031	19.551	ug/l	98
20) Methylene Chloride	4.622	84	38991	19.260	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	40417	18.895	ug/l	93
22) Diisopropyl ether	6.024	45	132308	19.599	ug/l	97
23) Vinyl Acetate	5.964	43	364581	96.879	ug/l	98
24) 1,1-Dichloroethane	5.921	63	74128	18.742	ug/l	99
25) 2-Butanone	6.902	43	53128	99.280	ug/l	97
26) 2,2-Dichloropropane	6.890	77	71853	19.634	ug/l	96
27) cis-1,2-Dichloroethene	6.896	96	46845	19.026	ug/l	92
28) Bromochloromethane	7.244	49	28378	18.145	ug/l	99
29) Tetrahydrofuran	7.268	42	35907	99.162	ug/l	95
30) Chloroform	7.427	83	78127	19.231	ug/l	98
31) Cyclohexane	7.707	56	69517	19.518	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	73405	19.434	ug/l	99
36) 1,1-Dichloropropene	7.841	75	57574	19.335	ug/l	99
37) Ethyl Acetate	6.988	43	26043	19.936	ug/l	99
38) Carbon Tetrachloride	7.823	117	66761	19.188	ug/l	95
39) Methylcyclohexane	9.109	83	71757	19.701	ug/l	96
40) Benzene	8.085	78	169675	19.417	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11534	15.262	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	46850	19.327	ug/l	98
43) Isopropyl Acetate	8.201	43	51003	19.649	ug/l	98
44) Trichloroethene	8.865	130	43665	19.340	ug/l	90
45) 1,2-Dichloropropane	9.146	63	40381	19.469	ug/l	99
46) Dibromomethane	9.231	93	21652	18.854	ug/l	96
47) Bromodichloromethane	9.426	83	58105	18.866	ug/l	96
48) Methyl methacrylate	9.225	41	23908	20.221	ug/l	95
49) 1,4-Dioxane	9.231	88	4802	449.174	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	130407	99.907	ug/l	97
52) Toluene	10.170	92	108618	19.795	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	53855	19.474	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	62722	19.155	ug/l	93
55) 1,1,2-Trichloroethane	10.572	97	28643	19.261	ug/l	97
56) Ethyl methacrylate	10.438	69	38293	19.248	ug/l	93
57) 1,3-Dichloropropane	10.719	76	49212	19.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	87401	92.345	ug/l	99
59) 2-Hexanone	10.761	43	83488	99.341	ug/l	96
60) Dibromochloromethane	10.914	129	40055	19.180	ug/l	96
61) 1,2-Dibromoethane	11.018	107	26497	19.022	ug/l	97
64) Tetrachloroethene	10.646	164	38789	19.925	ug/l	92
65) Chlorobenzene	11.444	112	114877	19.673	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	40654	19.591	ug/l	97
67) Ethyl Benzene	11.517	91	205913	19.937	ug/l	100
68) m/p-Xylenes	11.627	106	155455	40.235	ug/l	98
69) o-Xylene	11.956	106	71181	19.760	ug/l	96
70) Styrene	11.975	104	120377	20.050	ug/l	98
71) Bromoform	12.133	173	23075	19.978	ug/l #	98
73) Isopropylbenzene	12.255	105	195561	19.522	ug/l	99
74) N-amyl acetate	12.072	43	42327	19.327	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	31960	19.184	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	42502	36.536	ug/l #	100
77) Bromobenzene	12.536	156	45033	19.481	ug/l	94
78) n-propylbenzene	12.596	91	236000	19.777	ug/l	99
79) 2-Chlorotoluene	12.682	91	131856	19.293	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	159660	19.658	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	10414	18.267	ug/l	92
82) 4-Chlorotoluene	12.779	91	134650	19.337	ug/l	100
83) tert-Butylbenzene	12.999	119	142840	19.349	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	157049	19.776	ug/l	100
85) sec-Butylbenzene	13.176	105	206803	19.461	ug/l	97
86) p-Isopropyltoluene	13.291	119	173840	19.693	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	86944	19.479	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	84756	19.285	ug/l	98
89) n-Butylbenzene	13.621	91	157518	19.560	ug/l	99
90) Hexachloroethane	13.883	117	35386	19.216	ug/l	86
91) 1,2-Dichlorobenzene	13.663	146	74806	19.309	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4709	18.915	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	40804	18.922	ug/l	98
94) Hexachlorobutadiene	15.029	225	27082	18.952	ug/l	98
95) Naphthalene	15.151	128	64732	18.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	34588	19.274	ug/l	99

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ALS Vial : 12 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0203SBSD01

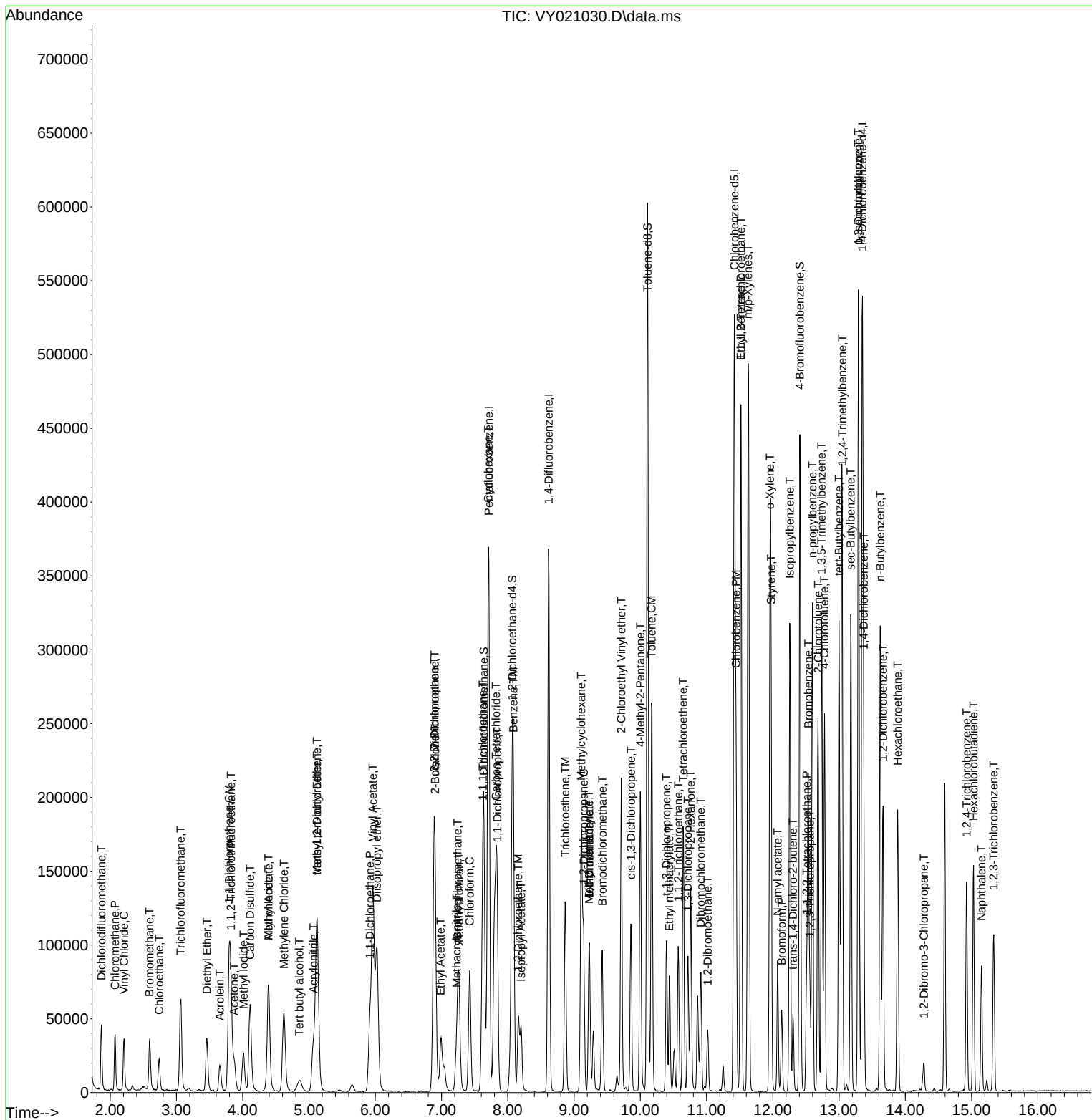
Quant Time: Feb 04 00:55:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

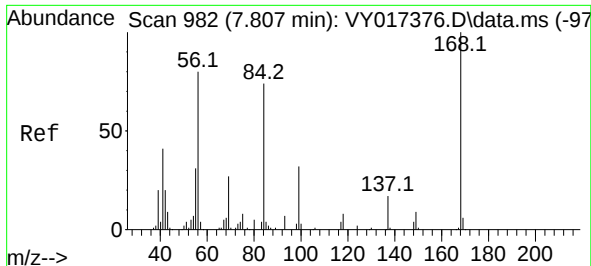
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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ClientSampleId :
VY0203SBSD01

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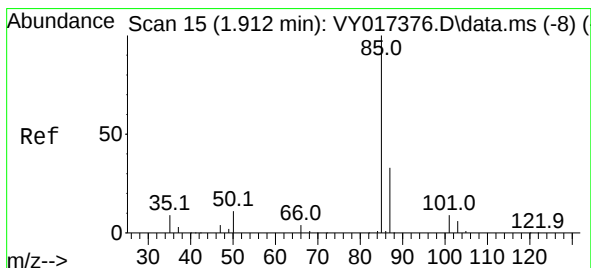
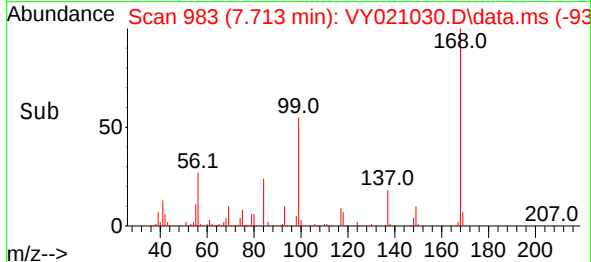
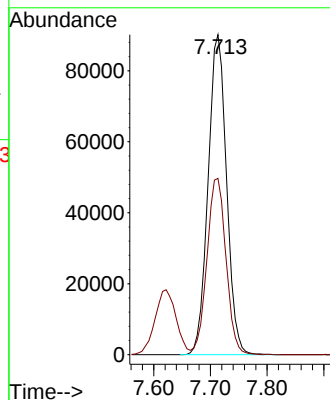
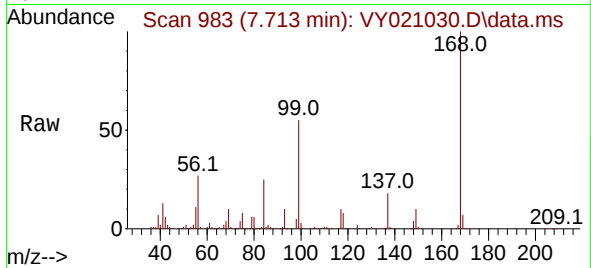




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021030.D
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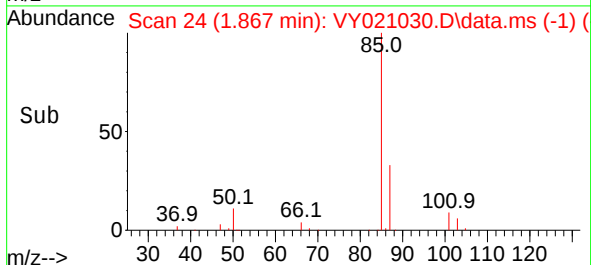
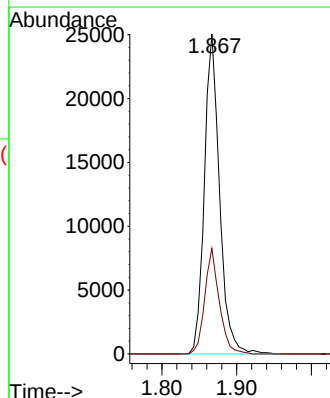
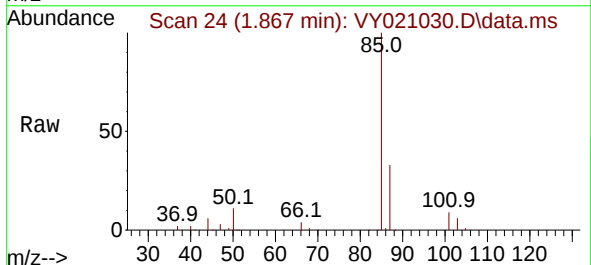
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

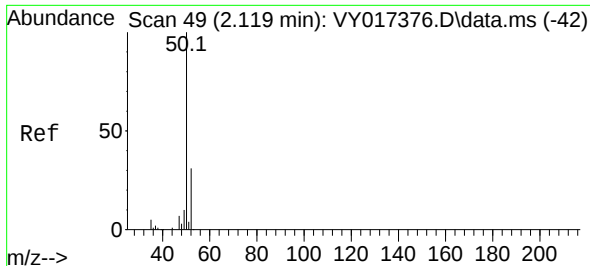
Tgt Ion:168 Resp: 203811
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.452 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

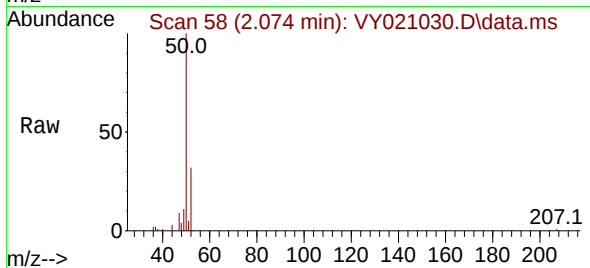
Tgt Ion: 85 Resp: 35336
Ion Ratio Lower Upper
85 100
87 32.9 17.1 51.3



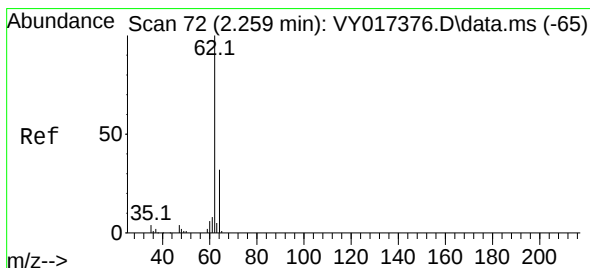
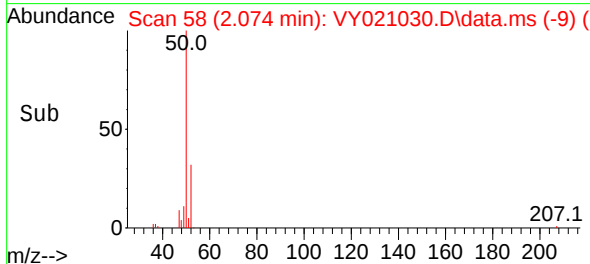
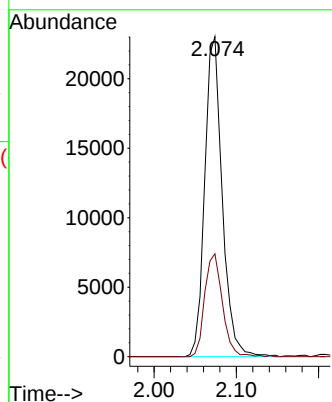


#3
Chloromethane
Concen: 19.010 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

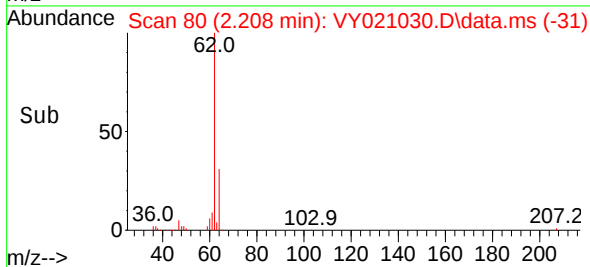
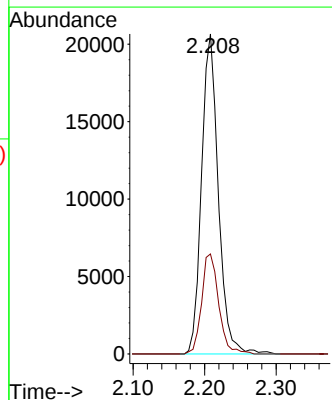
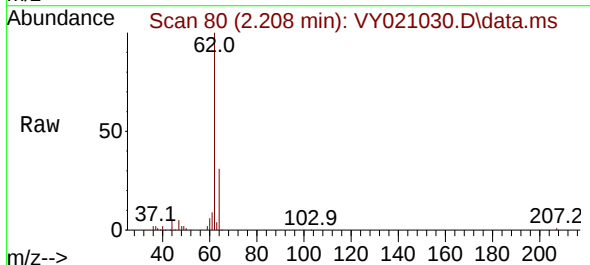


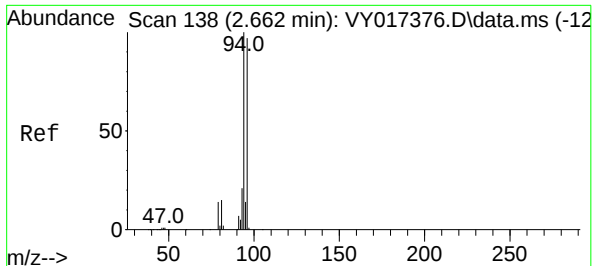
Tgt Ion: 50 Resp: 34075
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1



#4
Vinyl Chloride
Concen: 18.650 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 62 Resp: 33649
Ion Ratio Lower Upper
62 100
64 31.2 25.7 38.5

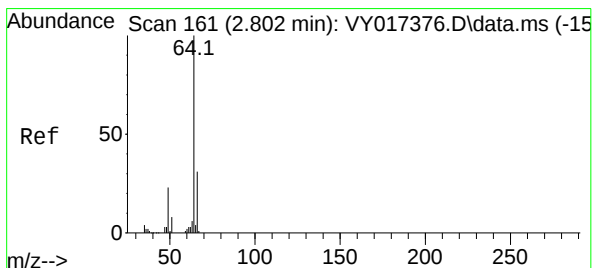
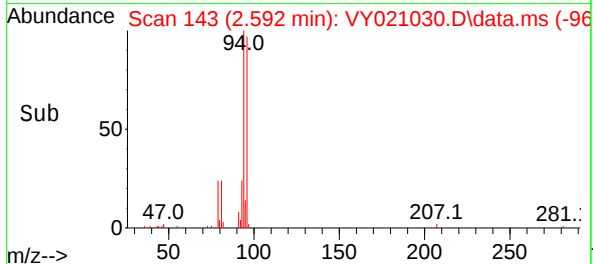
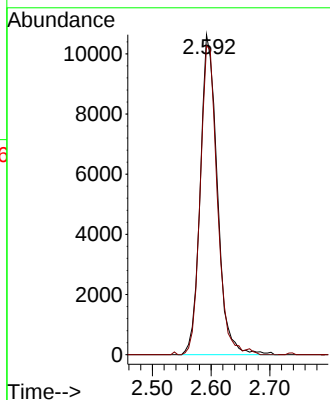
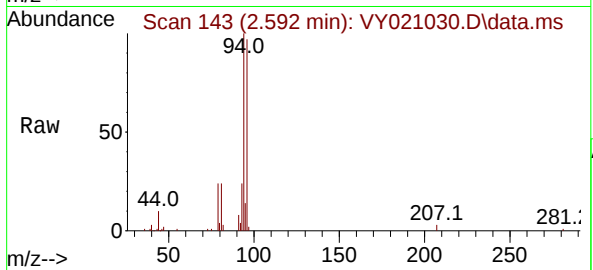




#5
Bromomethane
Concen: 19.245 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

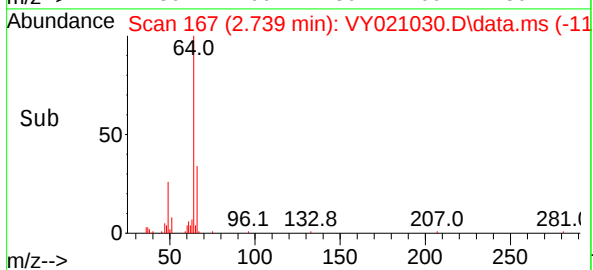
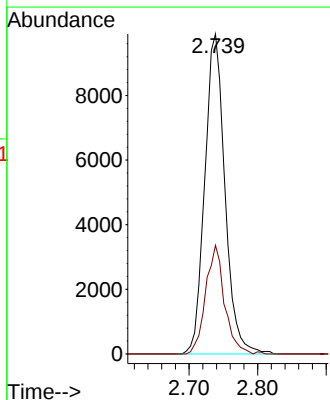
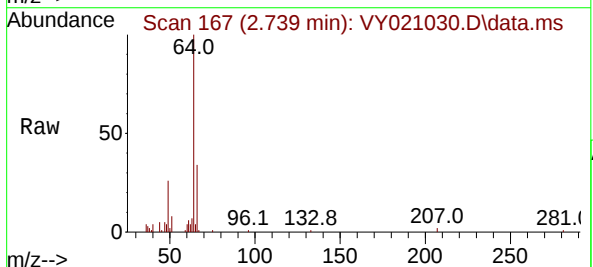
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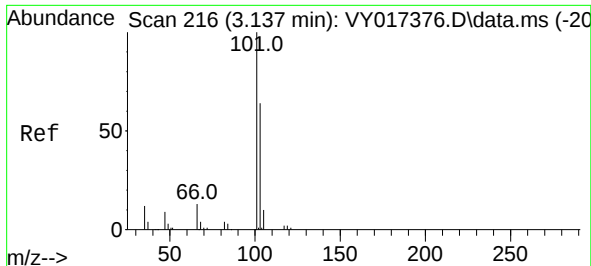
Tgt Ion: 94 Resp: 21460
Ion Ratio Lower Upper
94 100
96 96.5 77.3 115.9



#6
Chloroethane
Concen: 18.914 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 64 Resp: 20314
Ion Ratio Lower Upper
64 100
66 33.9 25.1 37.7

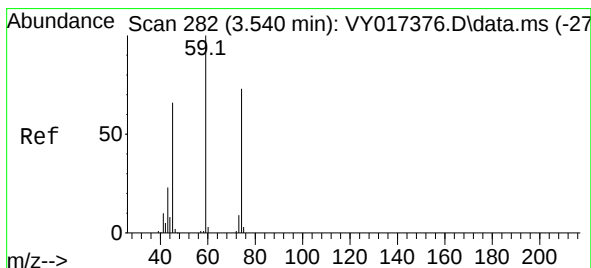
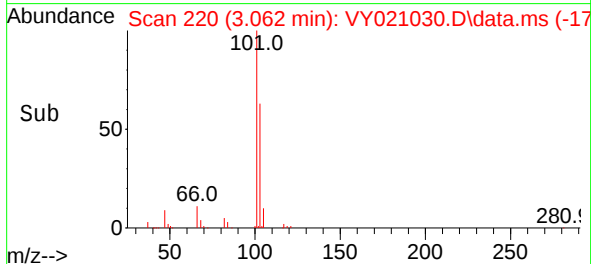
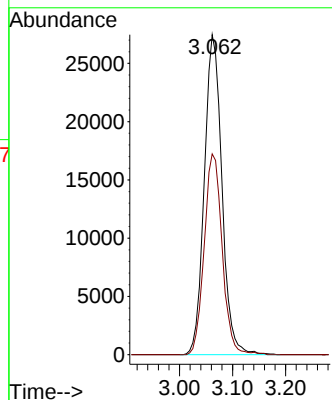
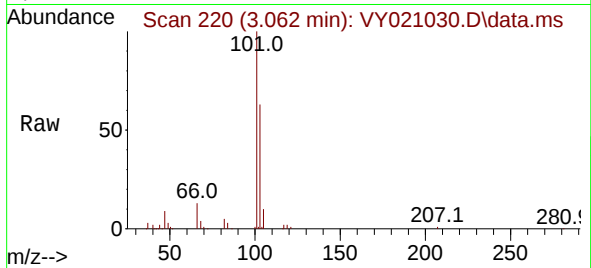




#7
 Trichlorofluoromethane
 Concen: 19.296 ug/l
 RT: 3.062 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY021030.D
 Acq: 03 Feb 2025 15:17

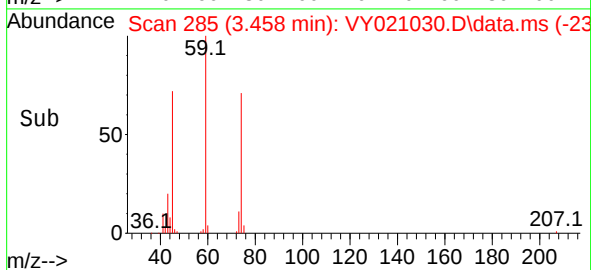
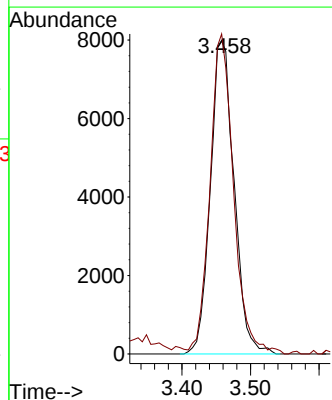
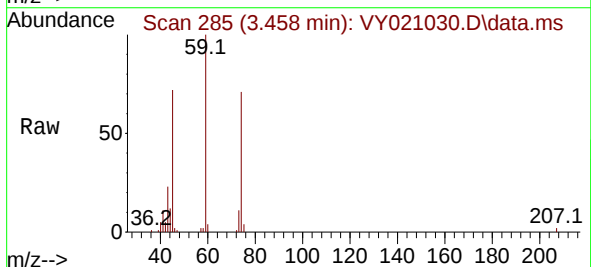
Instrument :
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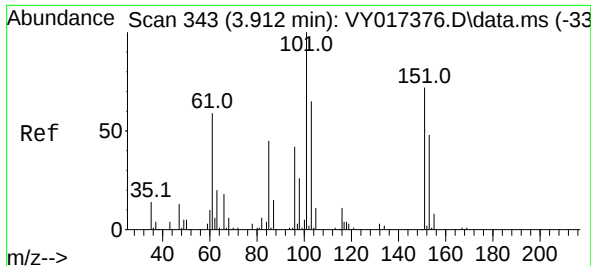
Tgt Ion:101 Resp: 63427
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.9 77.9



#8
 Diethyl Ether
 Concen: 18.685 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY021030.D
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Tgt Ion: 74 Resp: 19173
 Ion Ratio Lower Upper
 74 100
 45 101.7 47.9 143.7

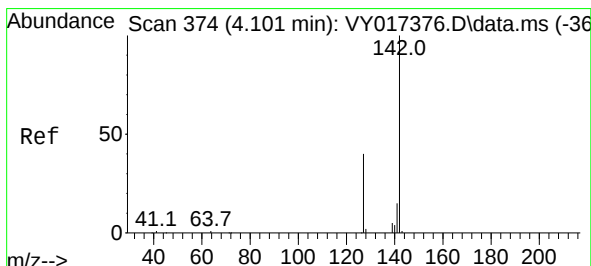
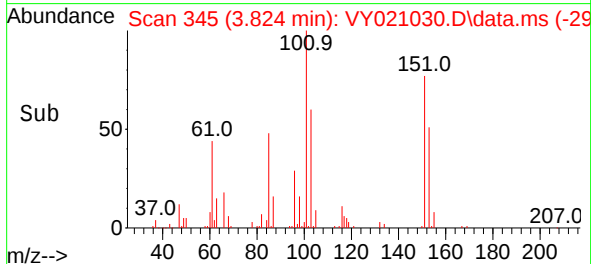
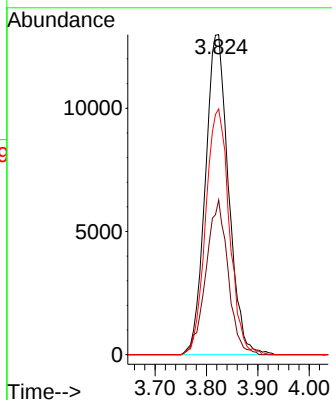
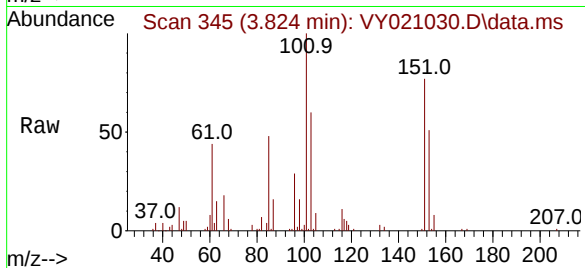




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.740 ug/l
RT: 3.824 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

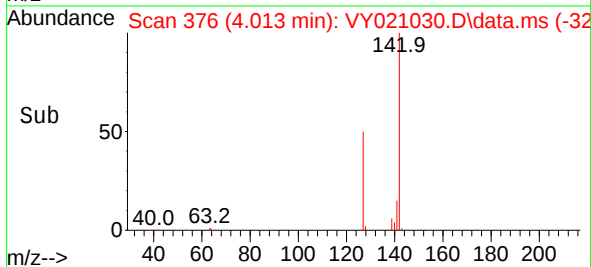
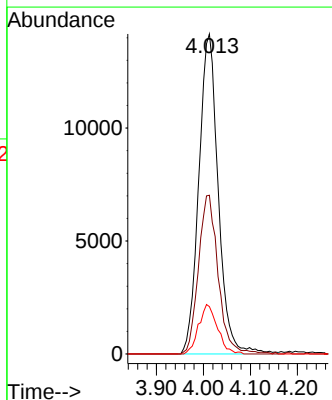
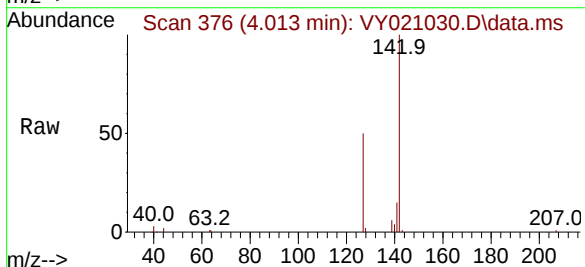
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

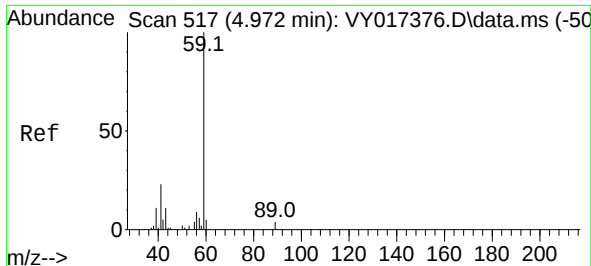
Tgt Ion:101 Resp: 40722
Ion Ratio Lower Upper
101 100
85 45.9 35.8 53.6
151 78.0 58.6 88.0



#10
Methyl Iodide
Concen: 17.772 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion:142 Resp: 40731
Ion Ratio Lower Upper
142 100
127 50.2 35.1 52.7
141 14.9 11.8 17.6





#11

Tert butyl alcohol

Concen: 115.025 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.019 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

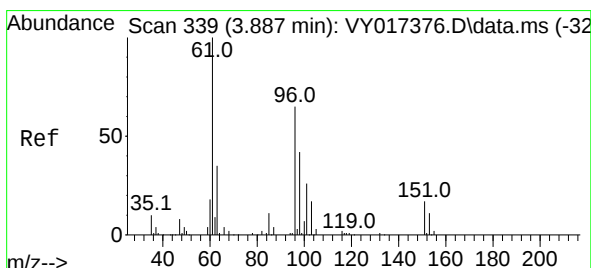
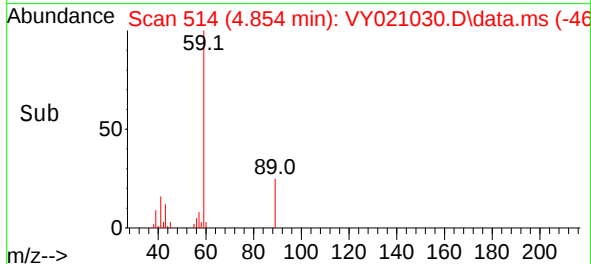
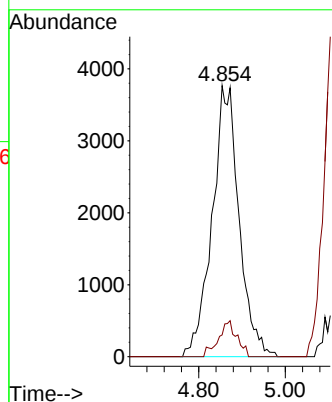
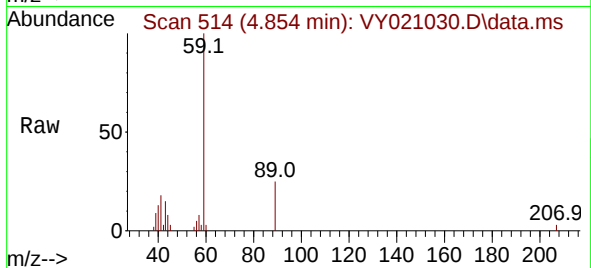
VY0203SBS01

Tgt Ion: 59 Resp: 16277

Ion Ratio Lower Upper

59 100

57 9.0 7.4 11.0



#12

1,1-Dichloroethene

Concen: 19.583 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

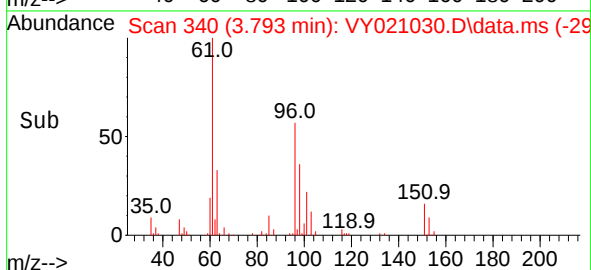
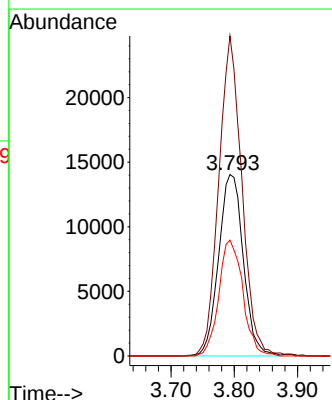
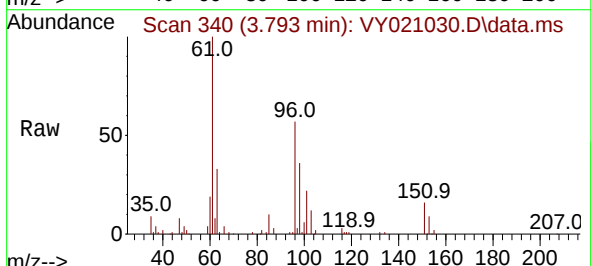
Tgt Ion: 96 Resp: 38055

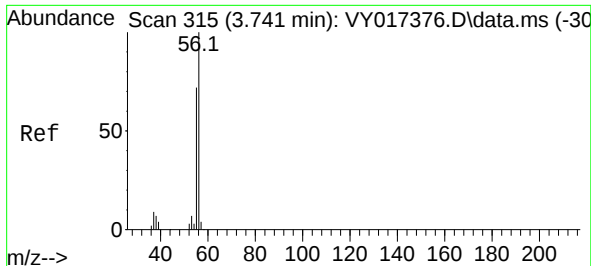
Ion Ratio Lower Upper

96 100

61 176.3 124.2 186.2

98 63.9 52.6 79.0

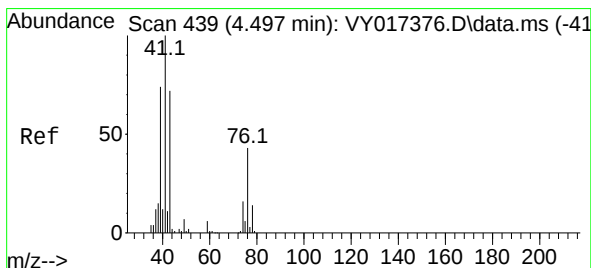
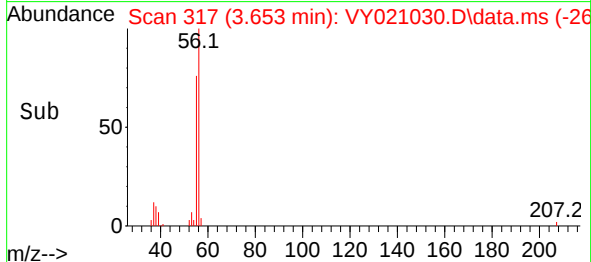
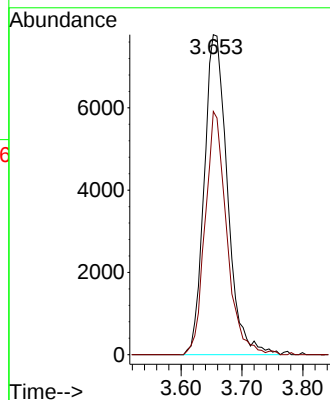
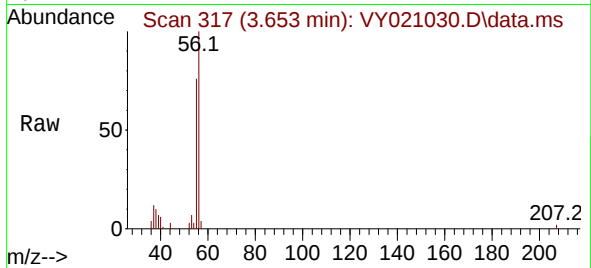




#13
Acrolein
Concen: 94.495 ug/l
RT: 3.653 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

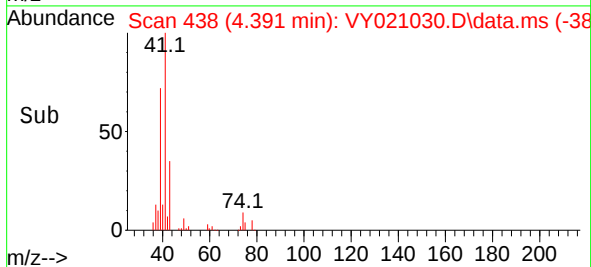
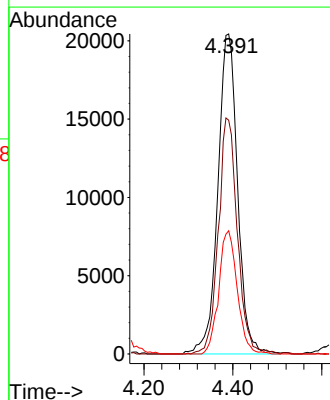
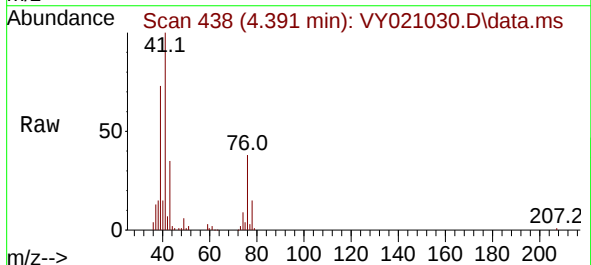
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

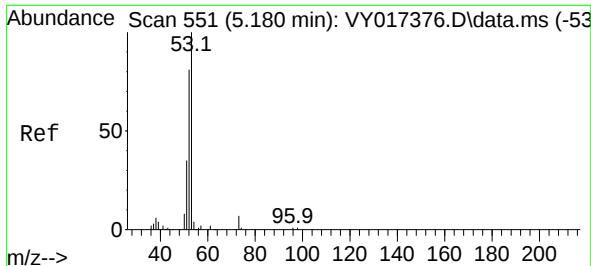
Tgt Ion: 56 Resp: 20591
Ion Ratio Lower Upper
56 100
55 70.6 55.4 83.0



#14
Allyl chloride
Concen: 19.229 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 41 Resp: 62978
Ion Ratio Lower Upper
41 100
39 71.0 54.7 82.1
76 36.1 31.8 47.6

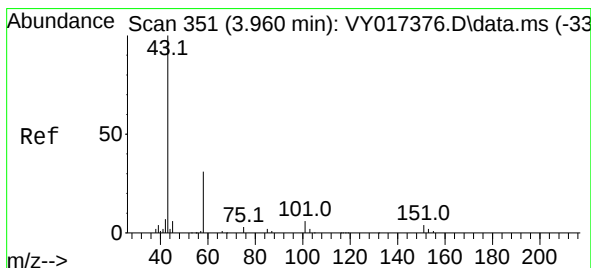
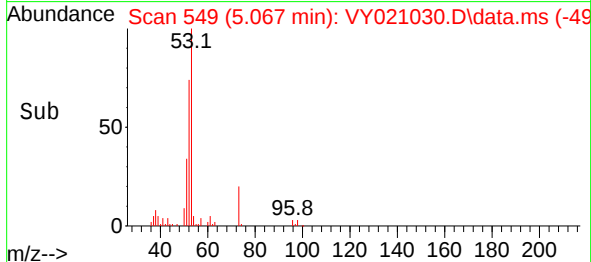
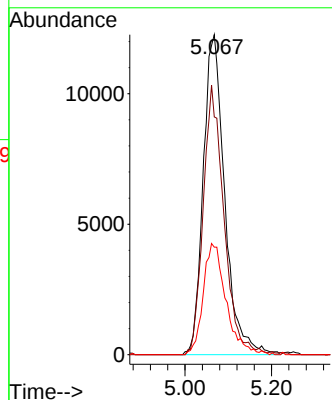
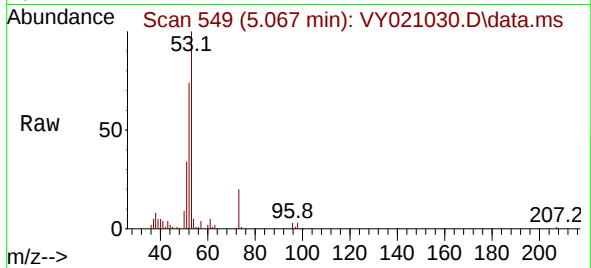




#15
Acrylonitrile
Concen: 98.991 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

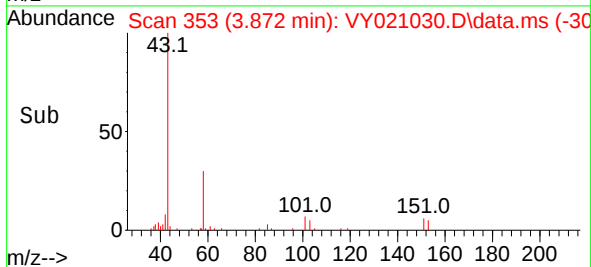
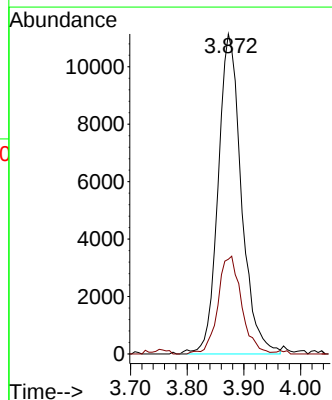
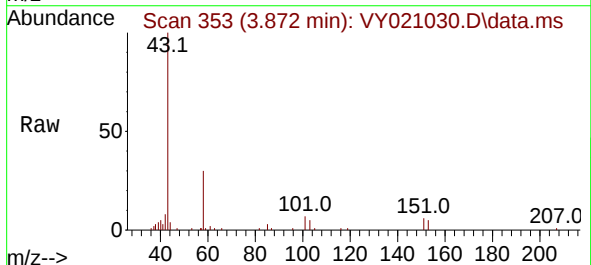
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

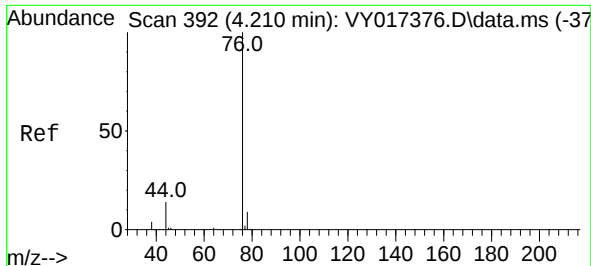
Tgt Ion: 53 Resp: 42298
Ion Ratio Lower Upper
53 100
52 81.0 65.1 97.7
51 36.6 29.0 43.4



#16
Acetone
Concen: 97.730 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 43 Resp: 31826
Ion Ratio Lower Upper
43 100
58 29.6 26.6 39.8

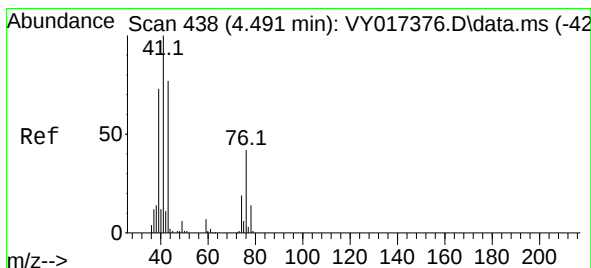
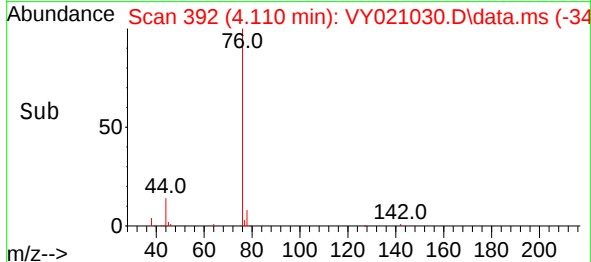
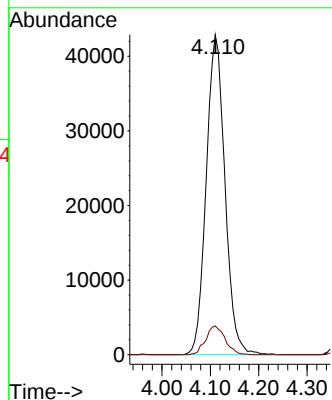
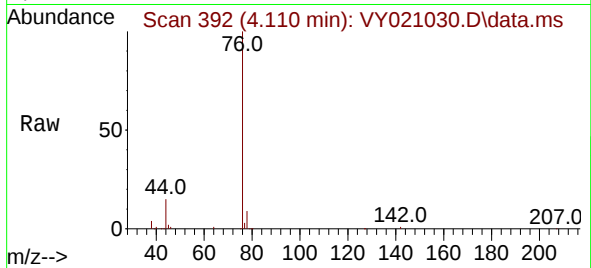




#17
Carbon Disulfide
Concen: 18.912 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

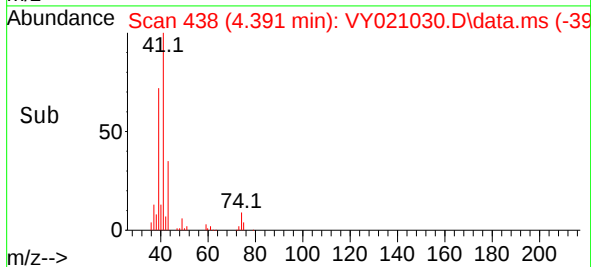
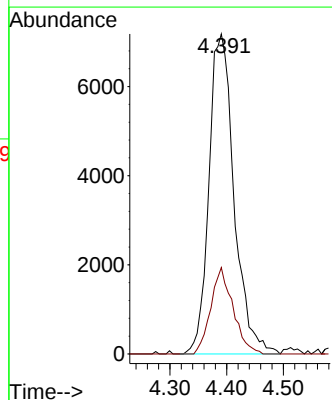
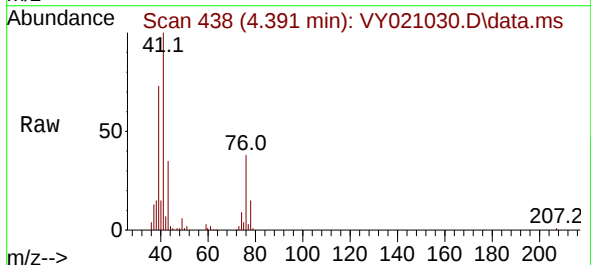
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

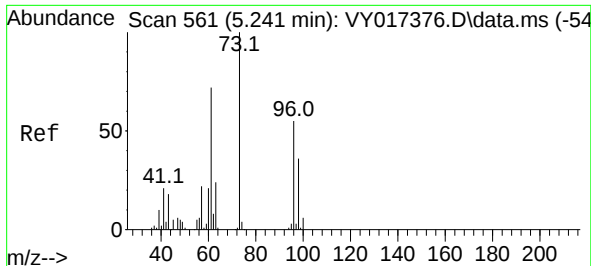
Tgt Ion: 76 Resp: 115246
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 19.338 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 43 Resp: 22107
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.551 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

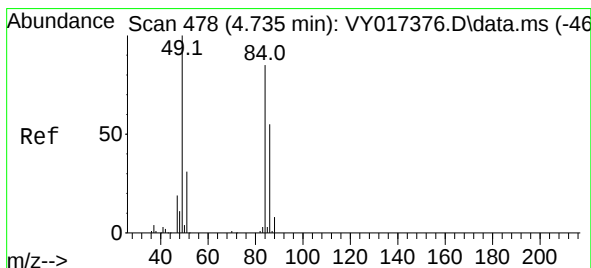
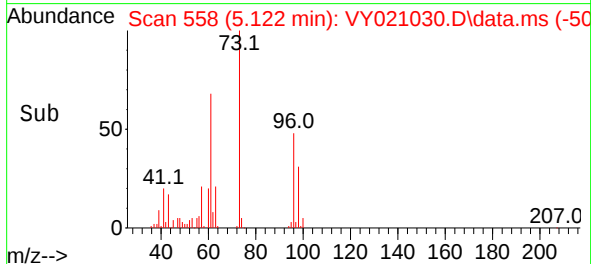
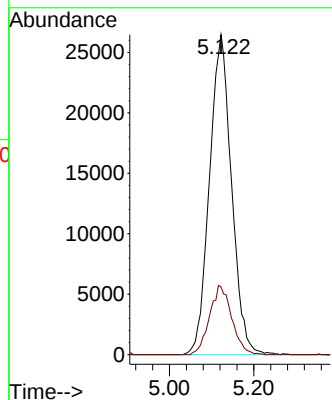
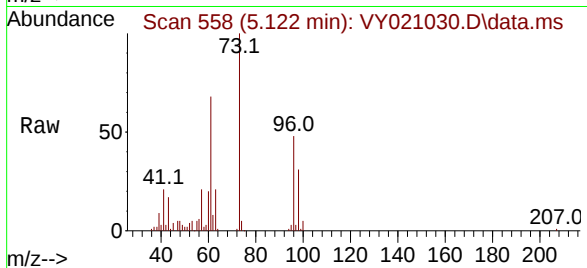
VY0203SBSD01

Tgt Ion: 73 Resp: 96031

Ion Ratio Lower Upper

73 100

57 21.2 17.7 26.5



#20

Methylene Chloride

Concen: 19.260 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Tgt Ion: 84 Resp: 38991

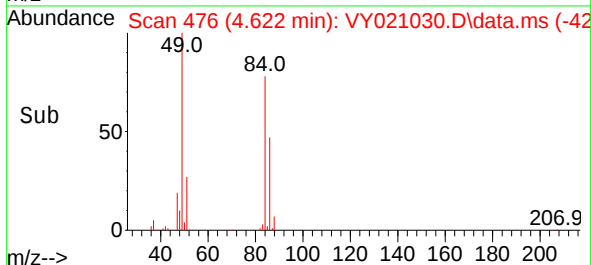
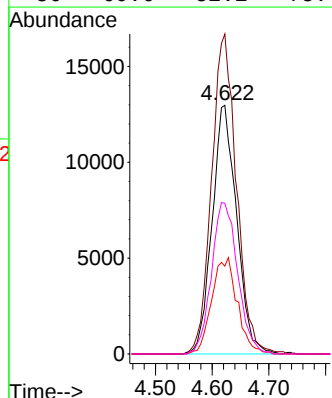
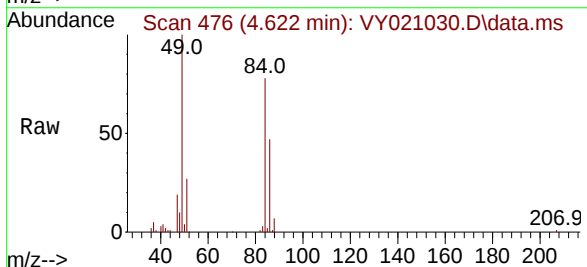
Ion Ratio Lower Upper

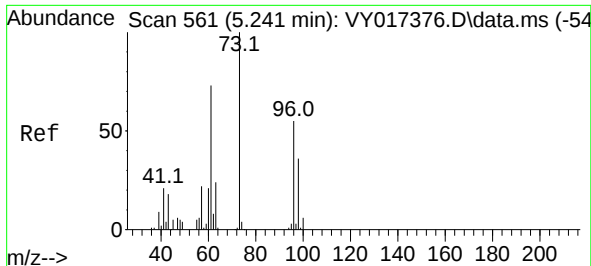
84 100

49 128.7 95.2 142.8

51 35.3 29.9 44.9

86 60.6 52.2 78.4

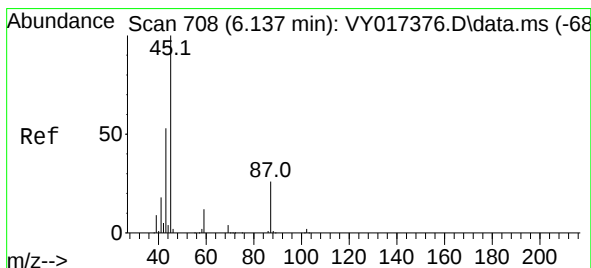
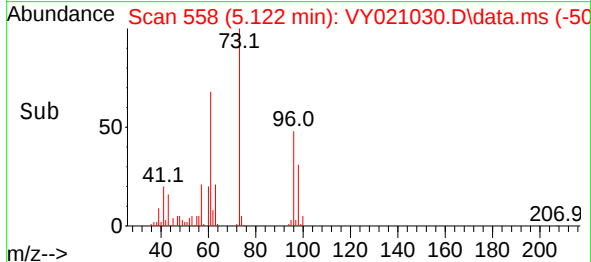
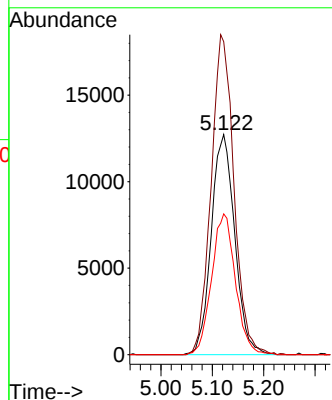
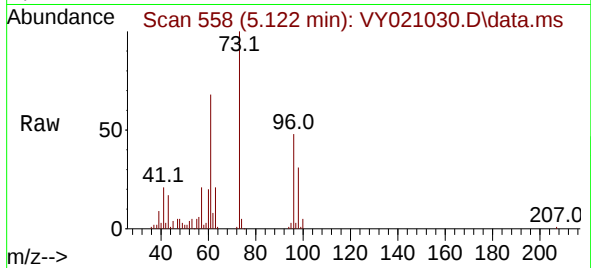




#21
trans-1,2-Dichloroethene
Concen: 18.895 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

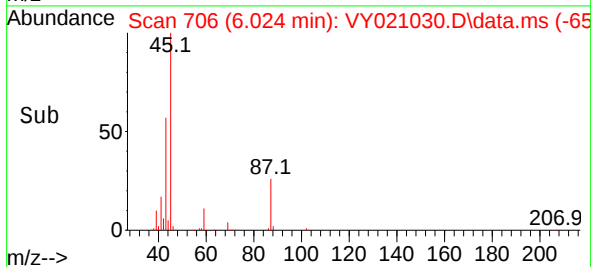
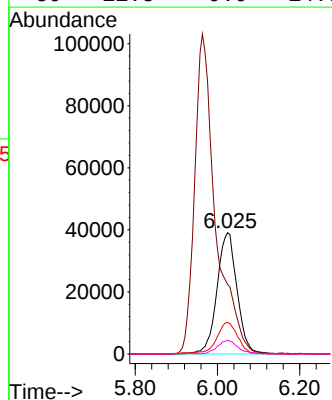
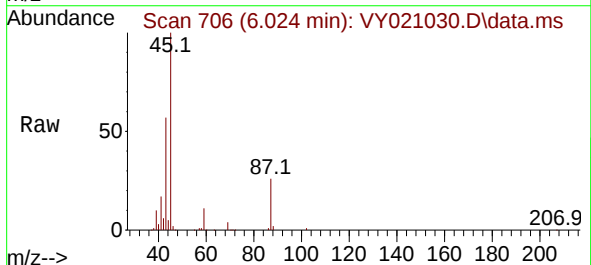
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

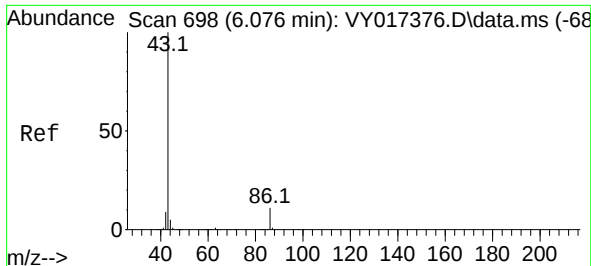
Tgt Ion: 96 Resp: 40417
Ion Ratio Lower Upper
96 100
61 142.1 104.6 156.8
98 63.9 50.9 76.3



#22
Diisopropyl ether
Concen: 19.599 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 45 Resp: 132308
Ion Ratio Lower Upper
45 100
43 56.7 46.8 70.2
87 26.0 22.2 33.2
59 11.5 9.9 14.9

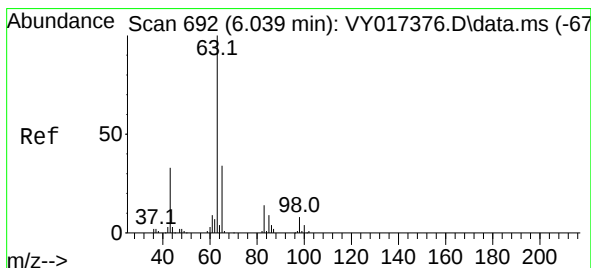
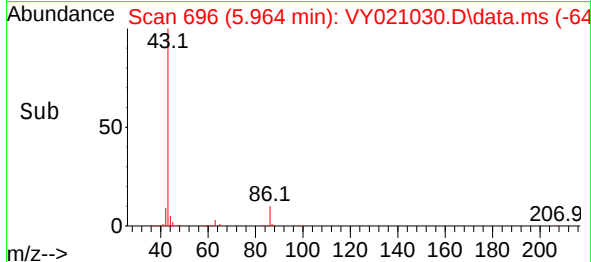
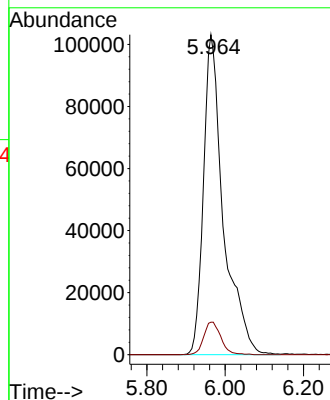
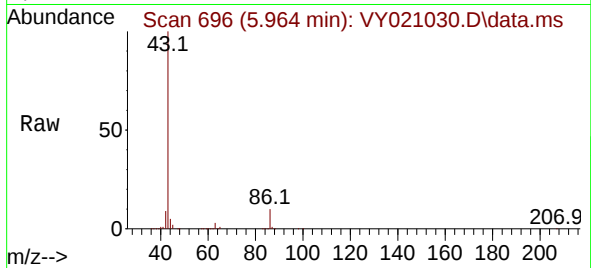




#23
 Vinyl Acetate
 Concen: 96.879 ug/l
 RT: 5.964 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: VY021030.D
 Acq: 03 Feb 2025 15:17

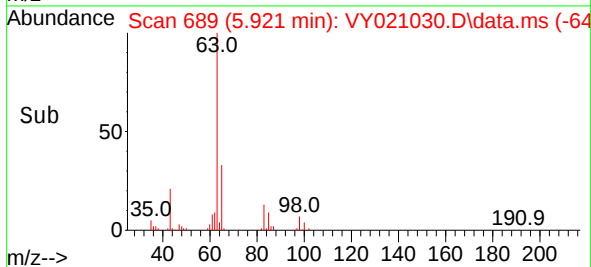
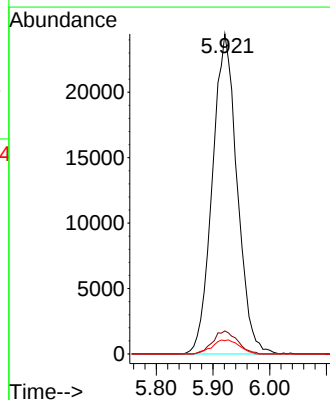
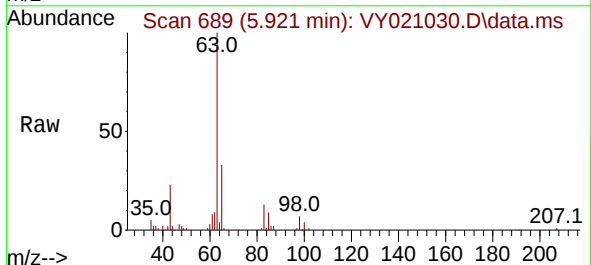
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

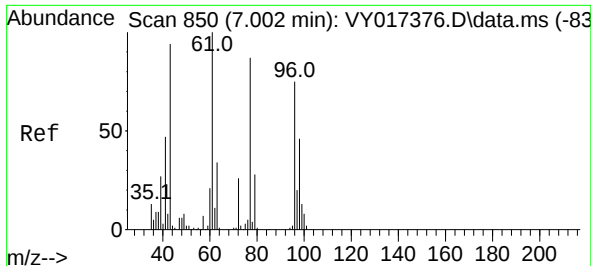
Tgt Ion: 43 Resp: 364581
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 18.742 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY021030.D
 Acq: 03 Feb 2025 15:17

Tgt Ion: 63 Resp: 74128
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.2 2.1 6.2

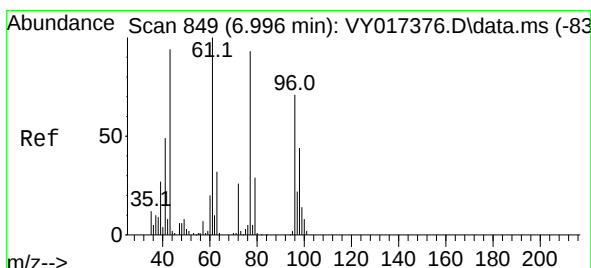
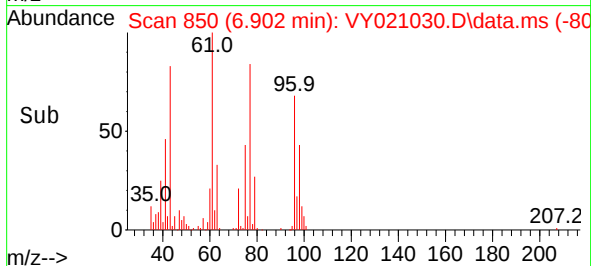
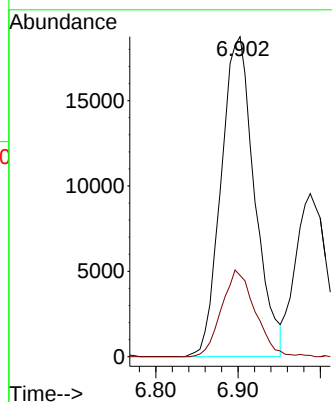
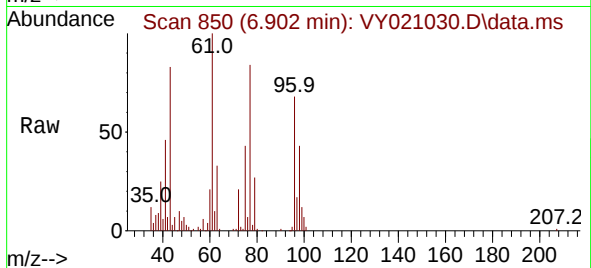




#25
2-Butanone
Concen: 99.280 ug/l
RT: 6.902 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

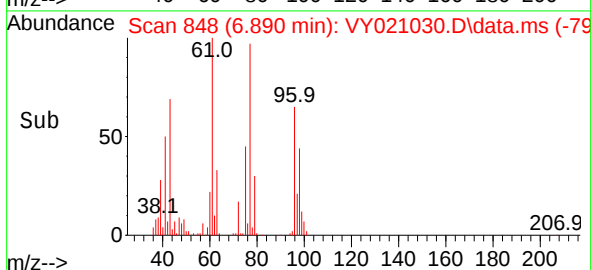
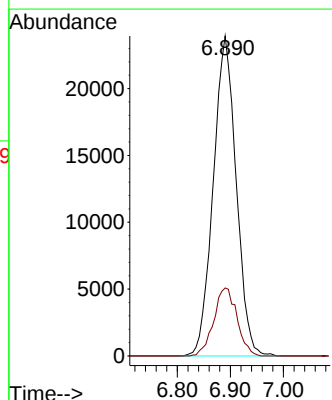
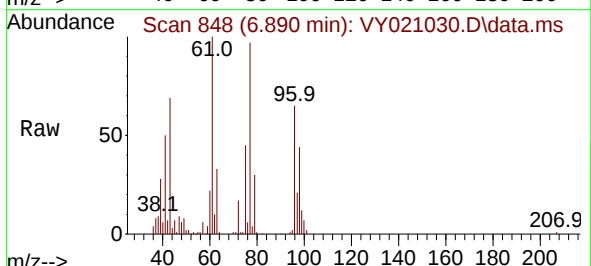
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

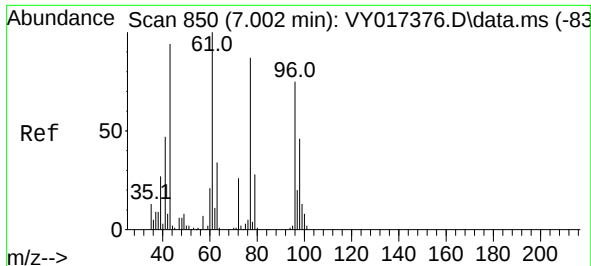
Tgt Ion: 43 Resp: 53128
Ion Ratio Lower Upper
43 100
72 25.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.634 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 77 Resp: 71853
Ion Ratio Lower Upper
77 100
97 21.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.026 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

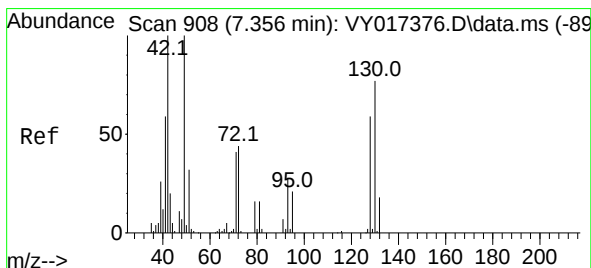
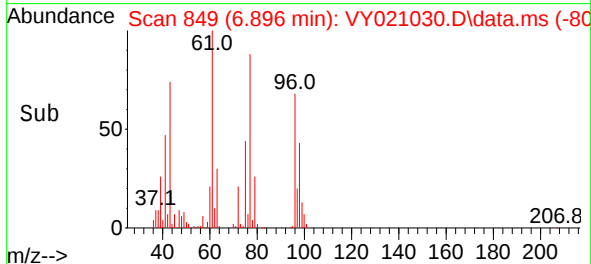
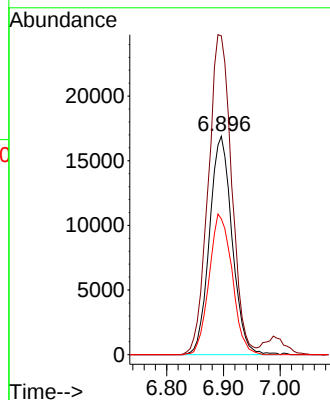
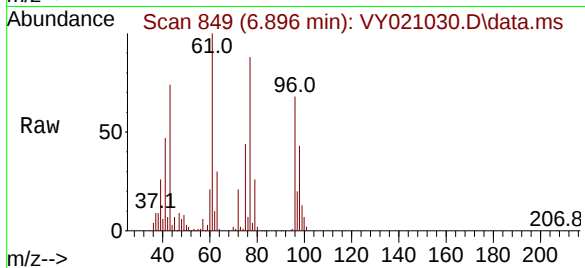
Tgt Ion: 96 Resp: 46845

Ion Ratio Lower Upper

96 100

61 151.4 0.0 278.8

98 65.4 0.0 127.0



#28

Bromochloromethane

Concen: 18.145 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

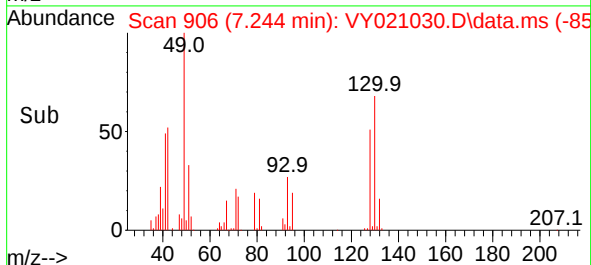
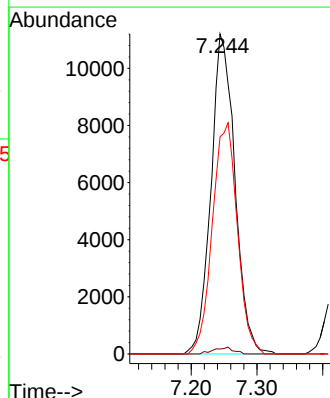
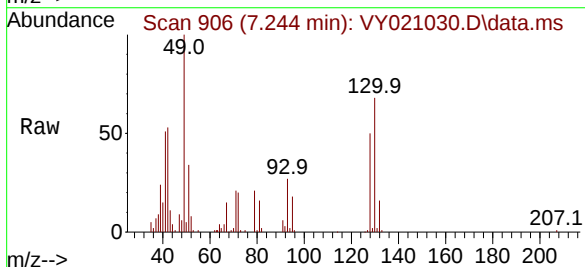
Tgt Ion: 49 Resp: 28378

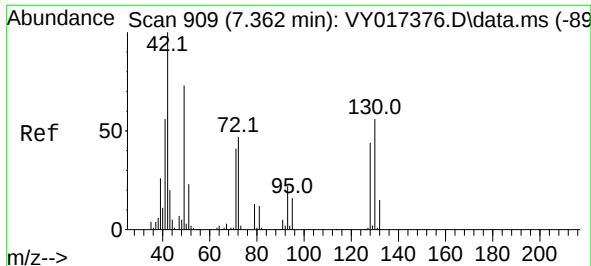
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 75.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 99.162 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

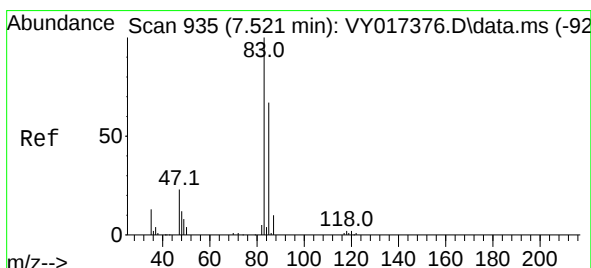
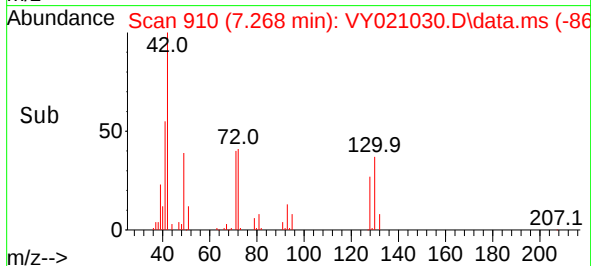
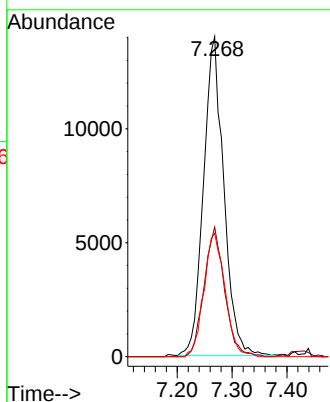
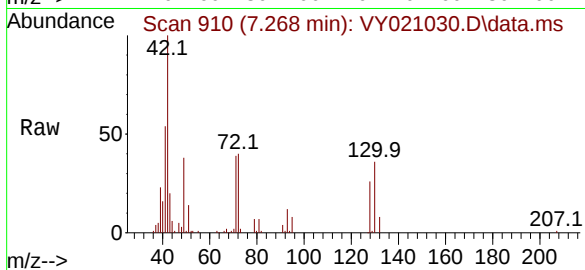
Tgt Ion: 42 Resp: 35907

Ion Ratio Lower Upper

42 100

72 41.1 36.6 54.8

71 40.3 33.8 50.6



#30

Chloroform

Concen: 19.231 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY021030.D

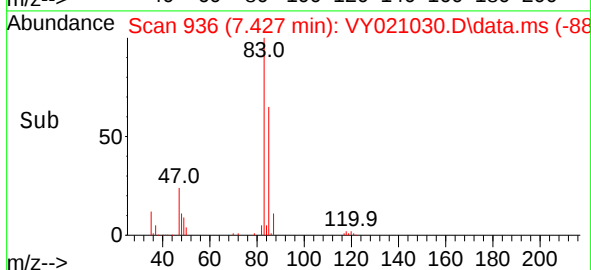
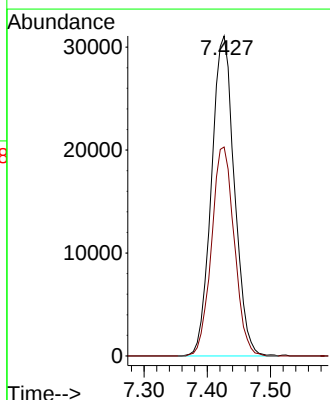
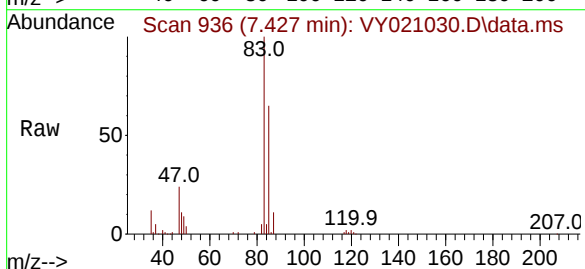
Acq: 03 Feb 2025 15:17

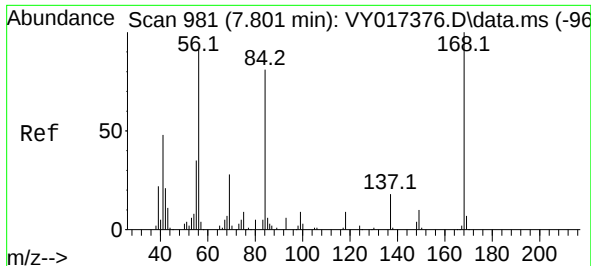
Tgt Ion: 83 Resp: 78127

Ion Ratio Lower Upper

83 100

85 65.3 51.2 76.8

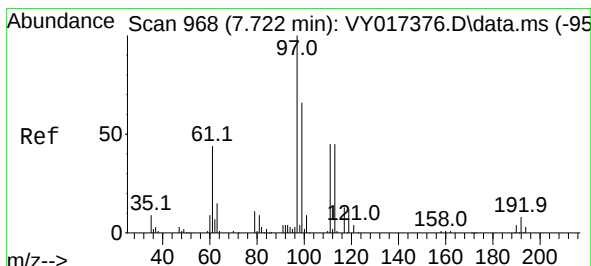
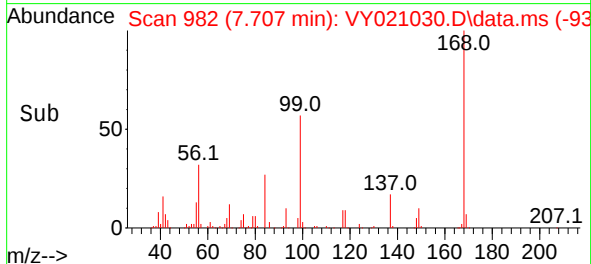
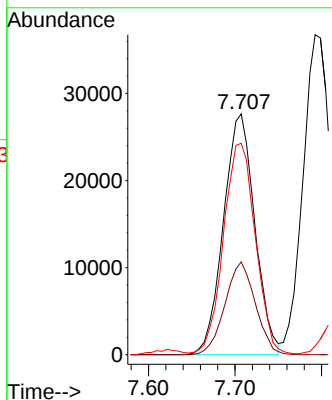
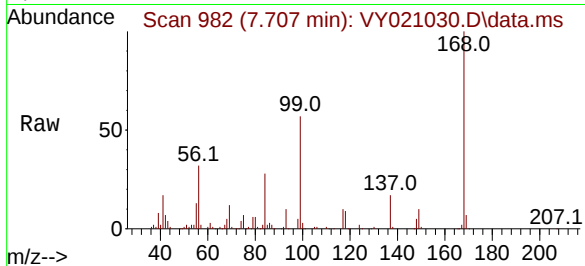




#31
Cyclohexane
Concen: 19.518 ug/l
RT: 7.707 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

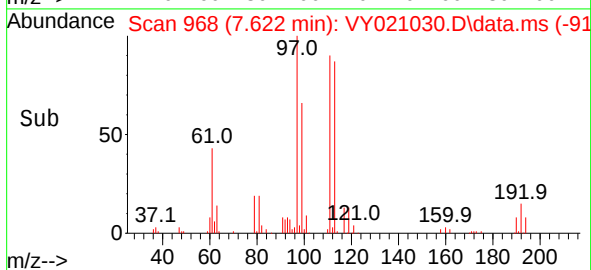
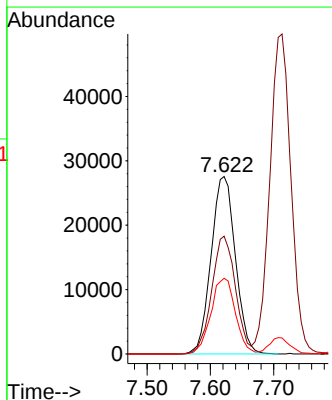
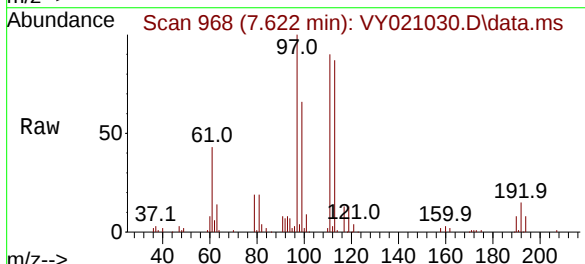
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

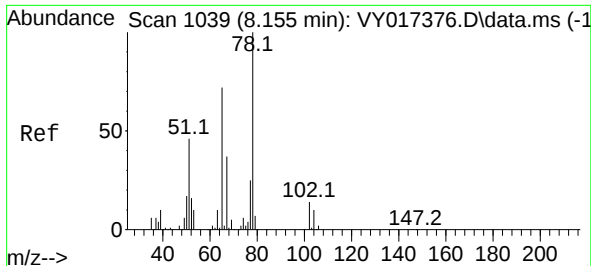
Tgt Ion: 56 Resp: 69517
Ion Ratio Lower Upper
56 100
69 38.5 27.0 40.6
84 86.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.434 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 97 Resp: 73405
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 43.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 48.977 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

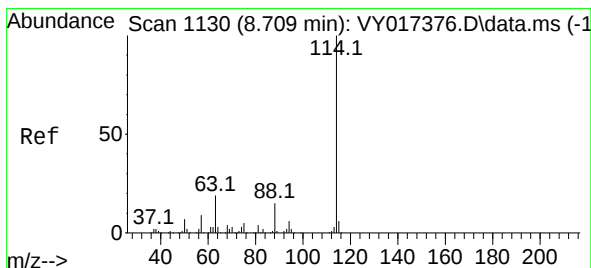
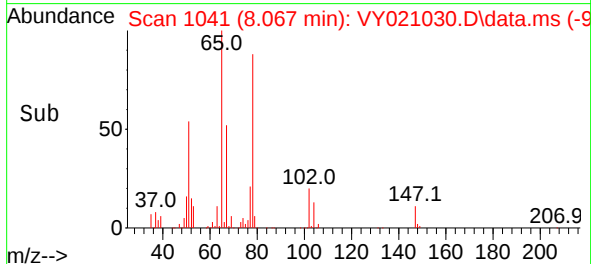
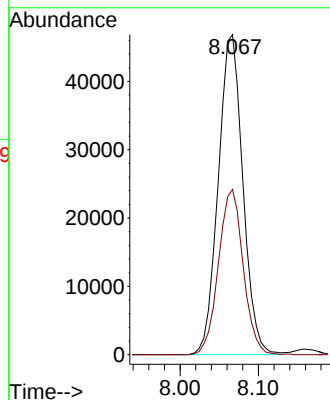
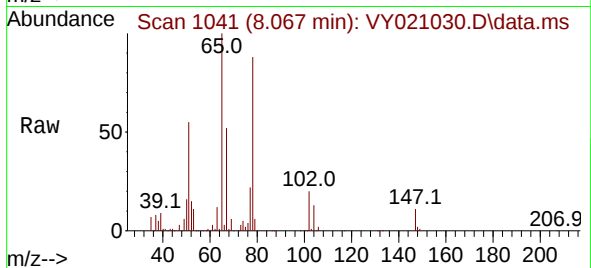
VY0203SBSD01

Tgt Ion: 65 Resp: 102274

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

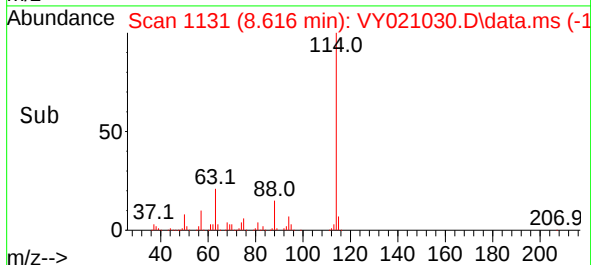
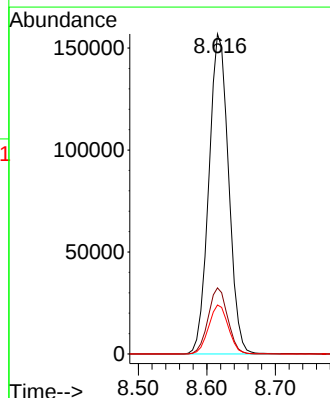
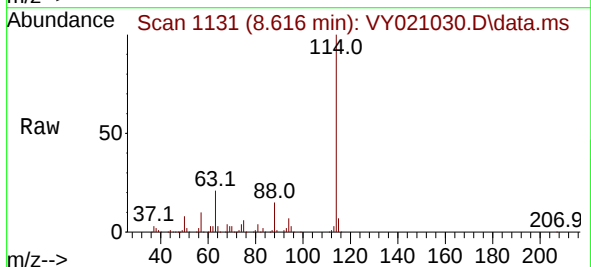
Tgt Ion:114 Resp: 313701

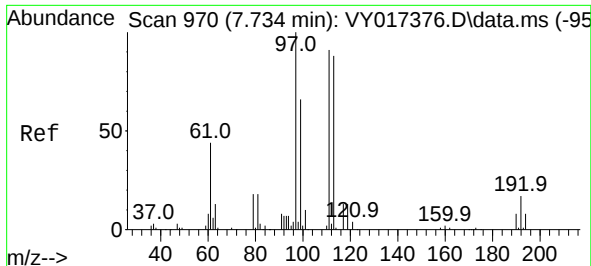
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.3 0.0 29.0

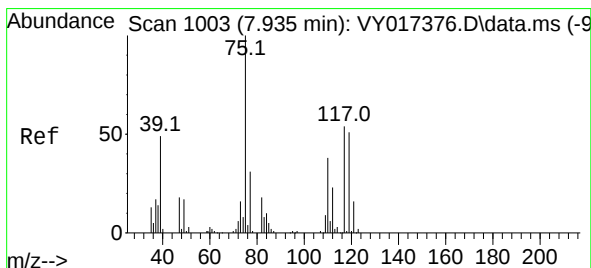
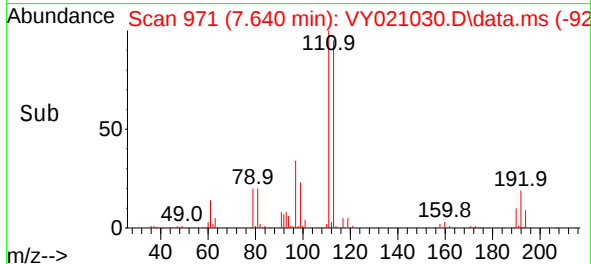
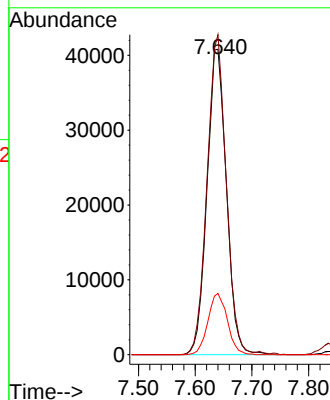
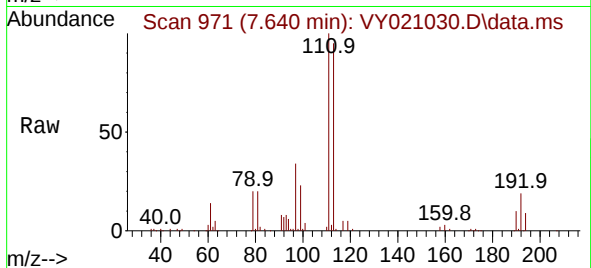




#35
Dibromofluoromethane
Concen: 48.324 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

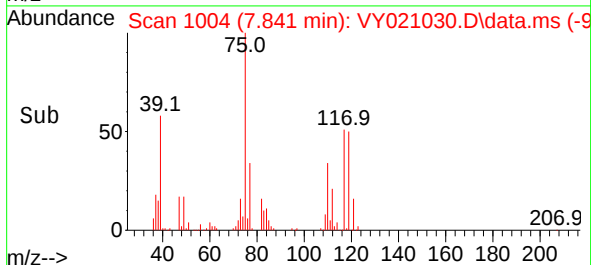
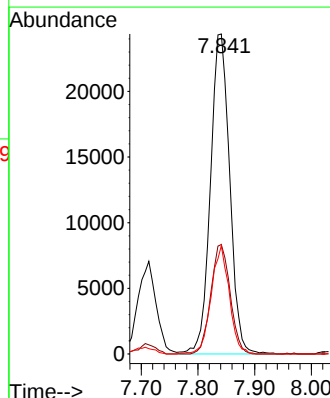
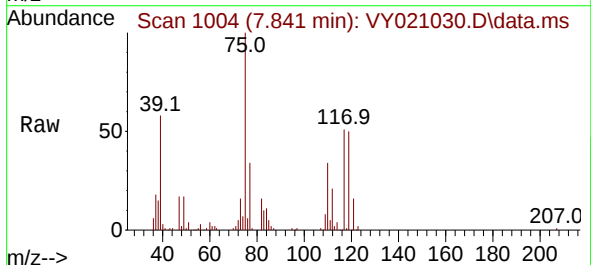
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

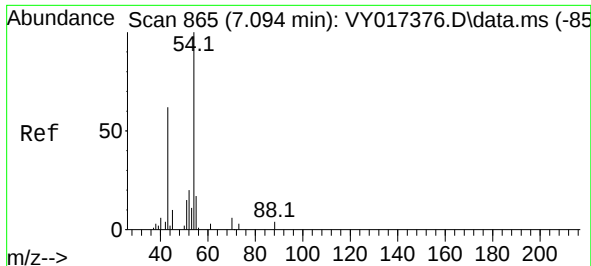
Tgt Ion:113 Resp: 97150
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 20.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.335 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 75 Resp: 57574
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.3
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 19.936 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

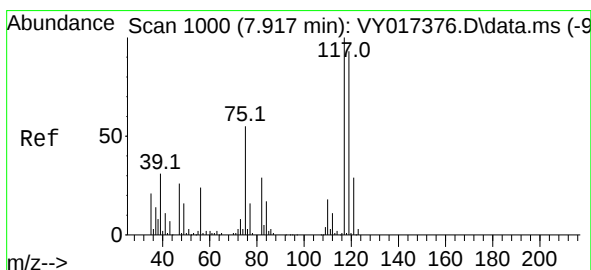
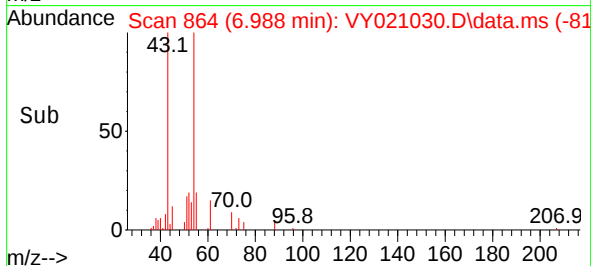
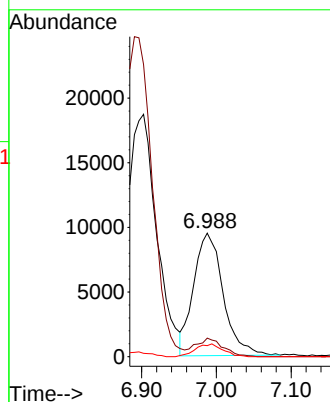
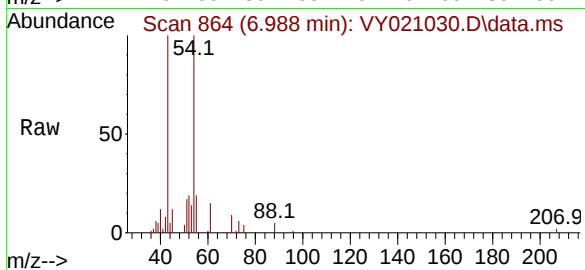
Tgt Ion: 43 Resp: 26043

Ion Ratio Lower Upper

43 100

61 14.1 11.0 16.6

70 9.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.188 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

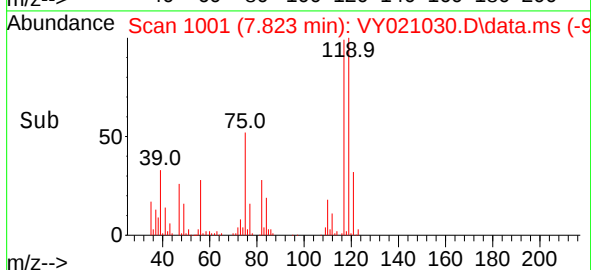
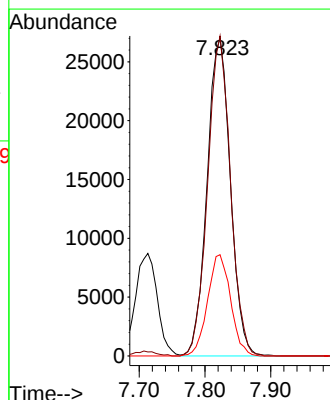
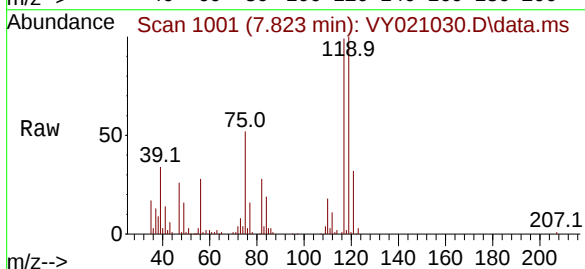
Tgt Ion: 117 Resp: 66761

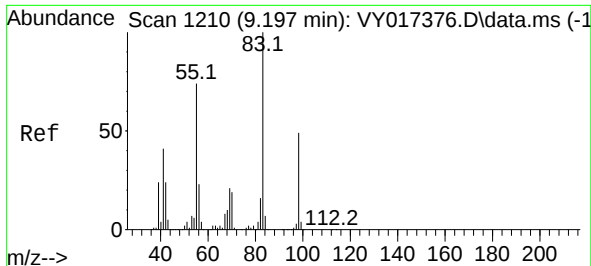
Ion Ratio Lower Upper

117 100

119 100.7 76.0 114.0

121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 19.701 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

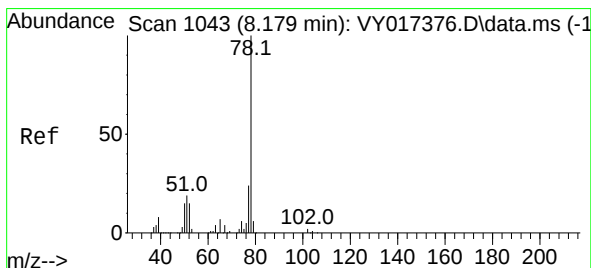
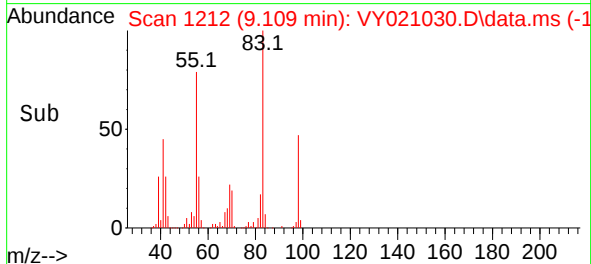
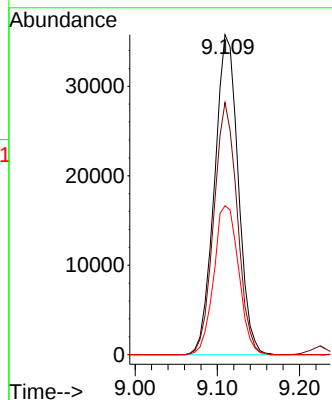
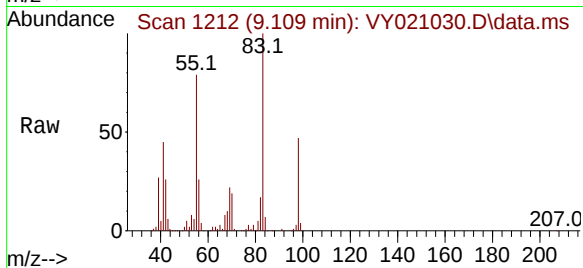
Tgt Ion: 83 Resp: 71757

Ion Ratio Lower Upper

83 100

55 78.8 59.7 89.5

98 46.5 38.0 57.0



#40

Benzene

Concen: 19.417 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021030.D

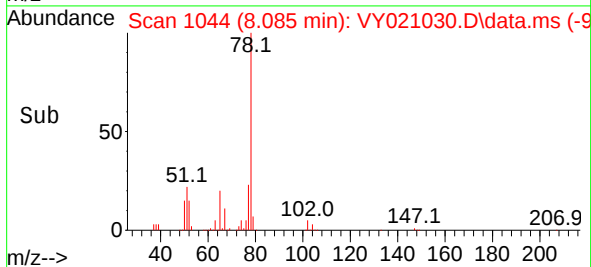
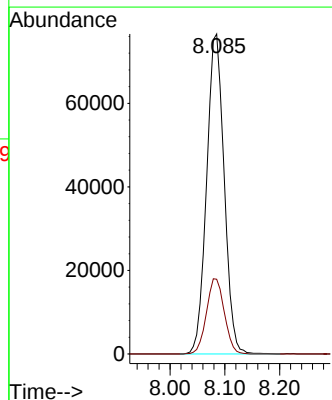
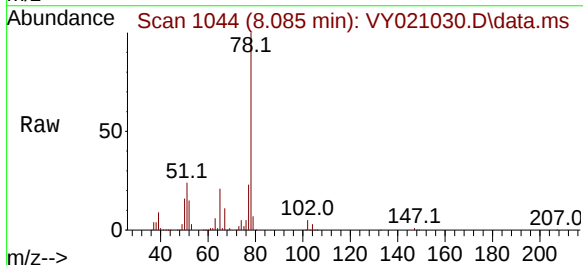
Acq: 03 Feb 2025 15:17

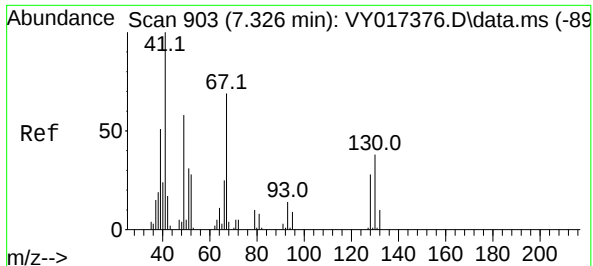
Tgt Ion: 78 Resp: 169675

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

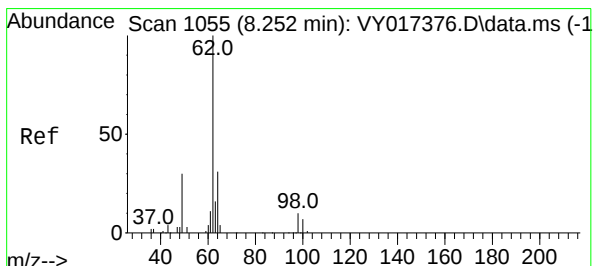
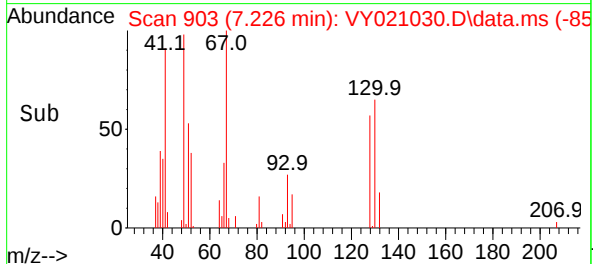
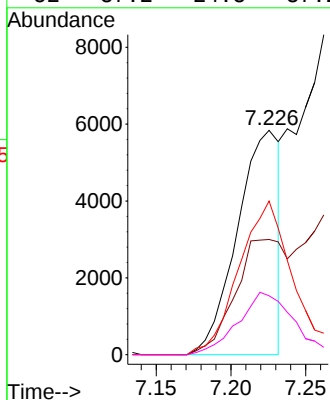
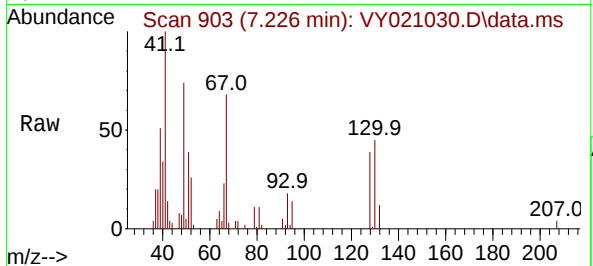




#41
Methacrylonitrile
Concen: 15.262 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

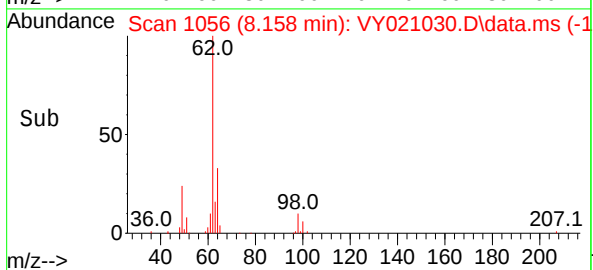
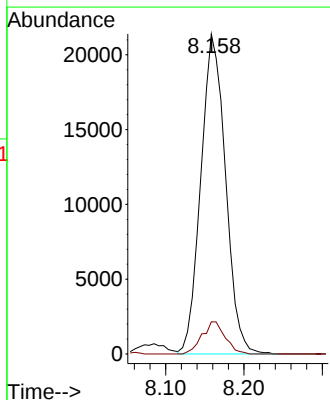
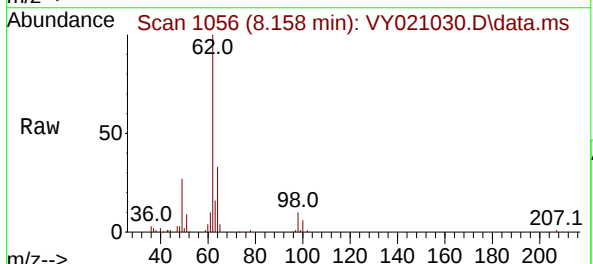
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

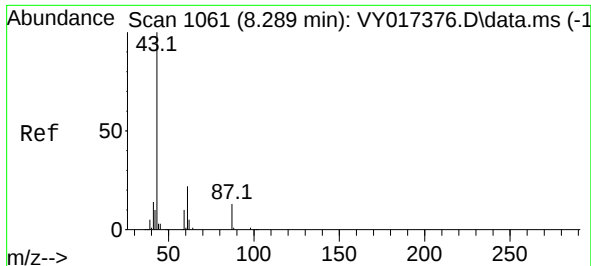
Tgt Ion:	41	Resp:	11534
Ion	Ratio	Lower	Upper
41	100		
39	61.6	41.9	62.9
67	87.6	59.8	89.6
52	37.2	24.8	37.2



#42
1,2-Dichloroethane
Concen: 19.327 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion:	62	Resp:	46850
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.649 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

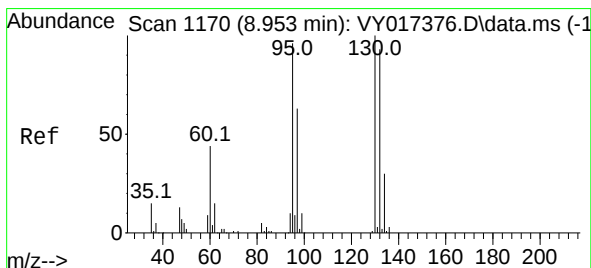
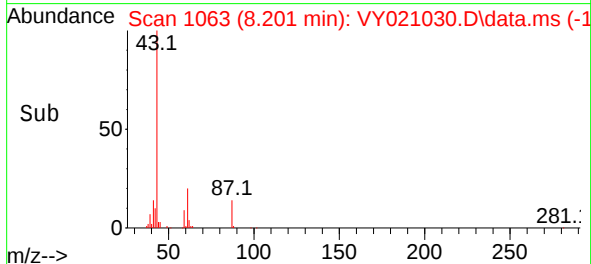
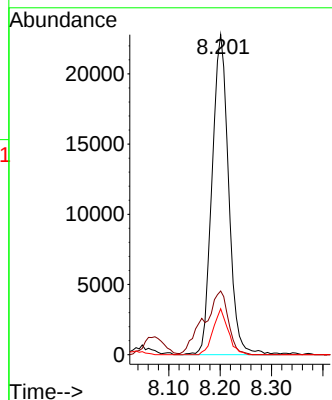
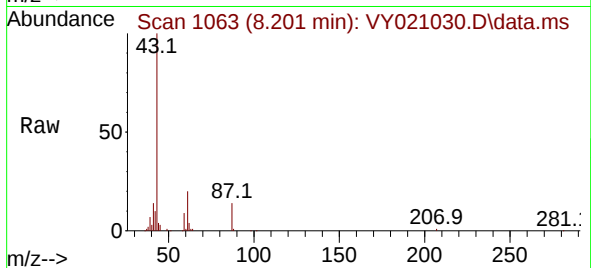
Tgt Ion: 43 Resp: 51003

Ion Ratio Lower Upper

43 100

61 29.3 24.8 37.2

87 13.0 10.7 16.1



#44

Trichloroethene

Concen: 19.340 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VY021030.D

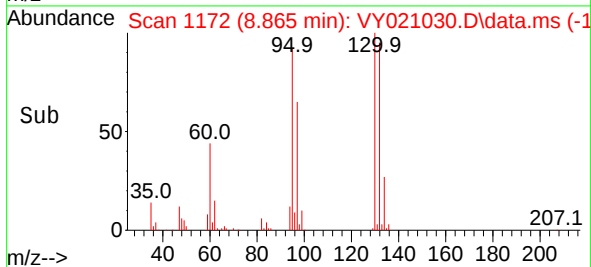
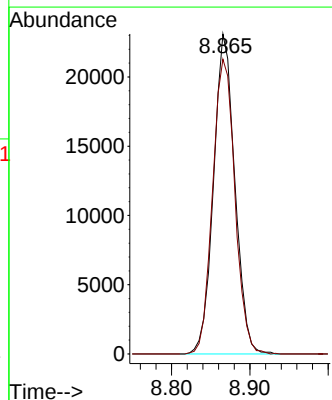
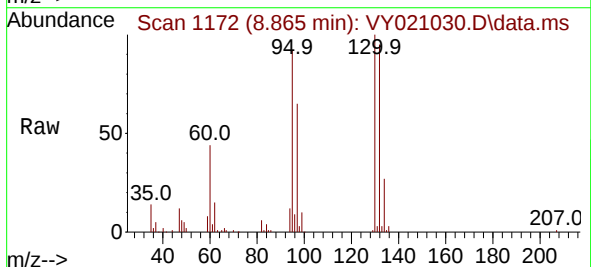
Acq: 03 Feb 2025 15:17

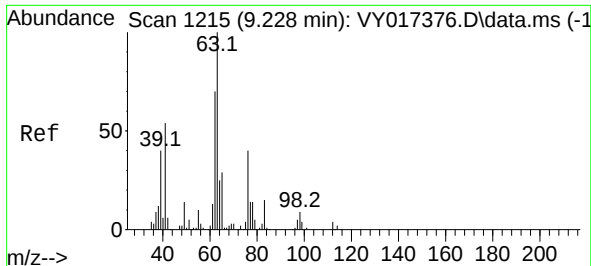
Tgt Ion:130 Resp: 43665

Ion Ratio Lower Upper

130 100

95 92.1 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.469 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

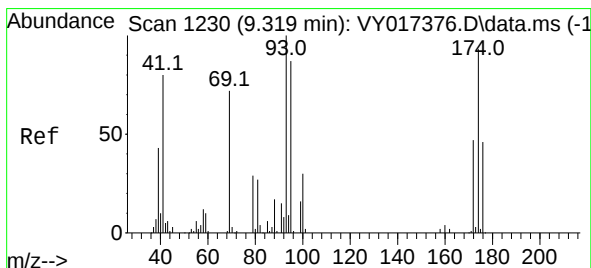
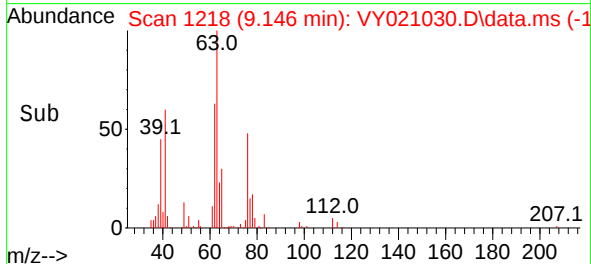
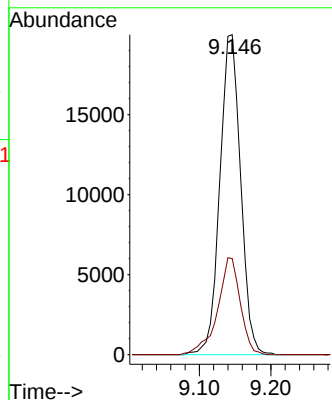
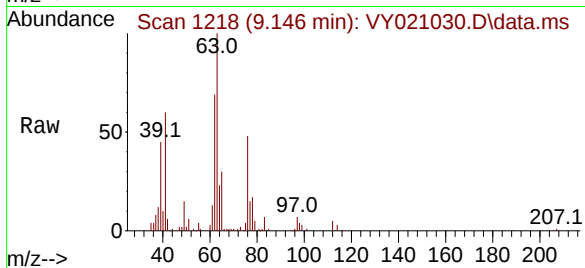
VY0203SBSD01

Tgt Ion: 63 Resp: 40381

Ion Ratio Lower Upper

63 100

65 30.0 24.6 36.8



#46

Dibromomethane

Concen: 18.854 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

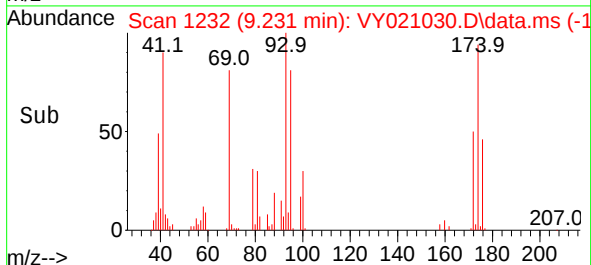
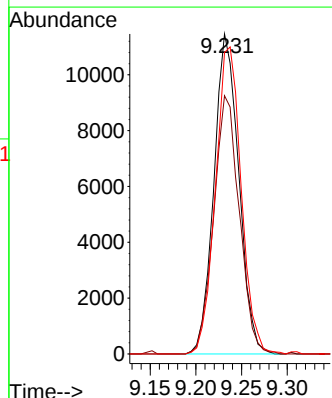
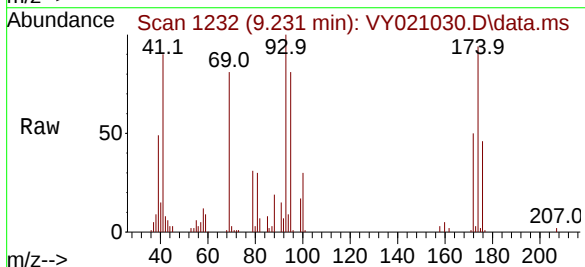
Tgt Ion: 93 Resp: 21652

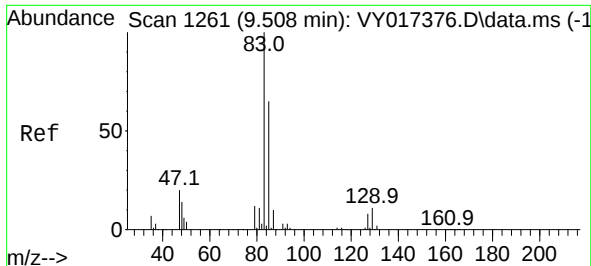
Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

174 99.6 73.8 110.6





#47

Bromodichloromethane

Concen: 18.866 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

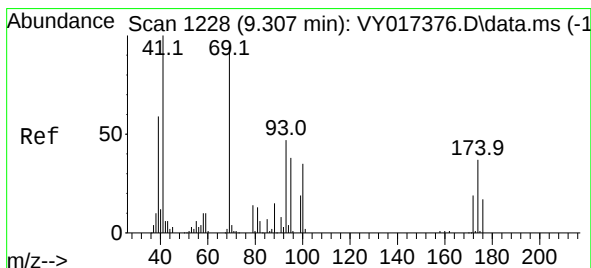
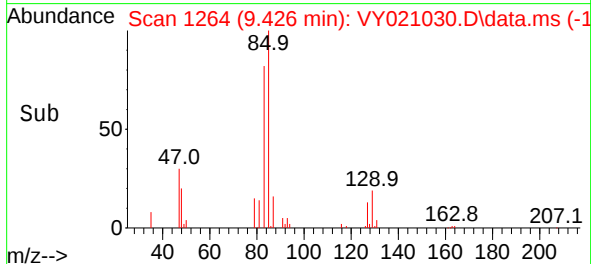
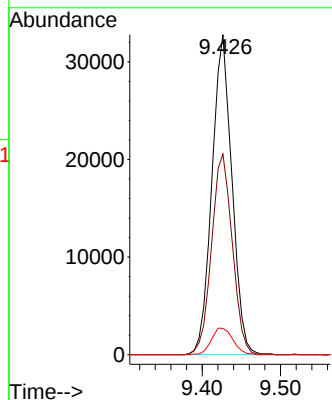
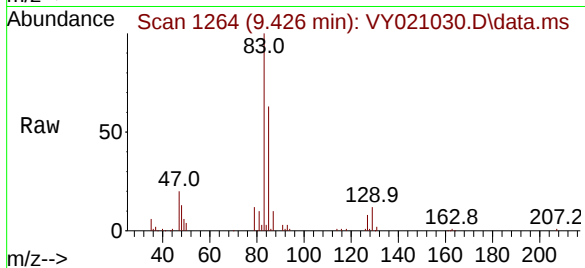
Tgt Ion: 83 Resp: 58105

Ion Ratio Lower Upper

83 100

85 62.7 53.2 79.8

127 8.2 6.4 9.6



#48

Methyl methacrylate

Concen: 20.221 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

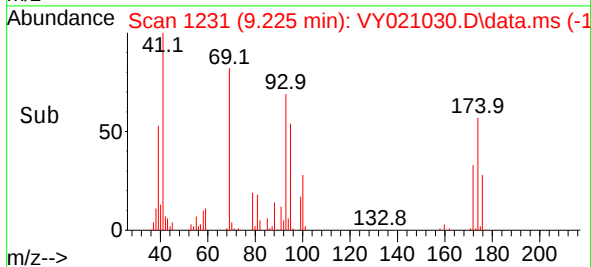
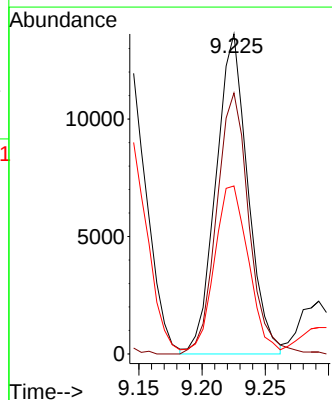
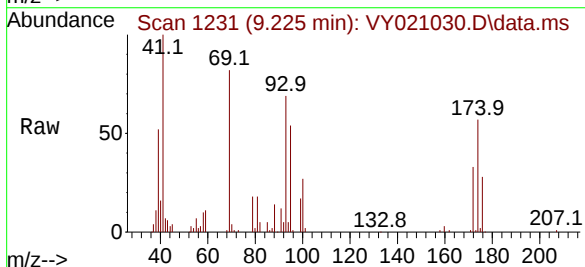
Tgt Ion: 41 Resp: 23908

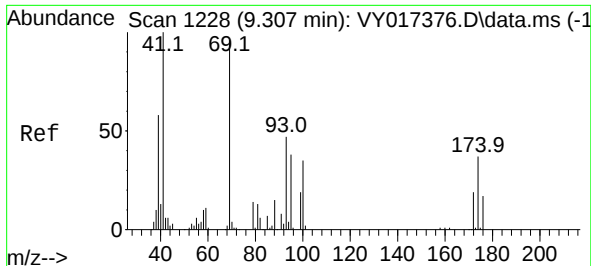
Ion Ratio Lower Upper

41 100

69 82.9 72.1 108.1

39 53.7 42.8 64.2





#49

1,4-Dioxane

Concen: 449.174 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

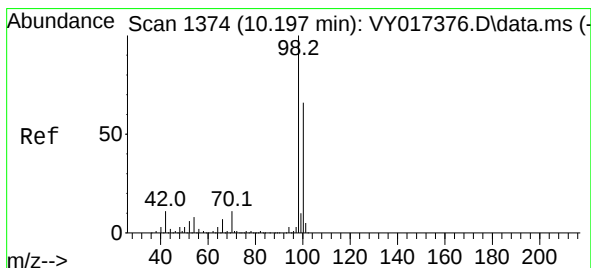
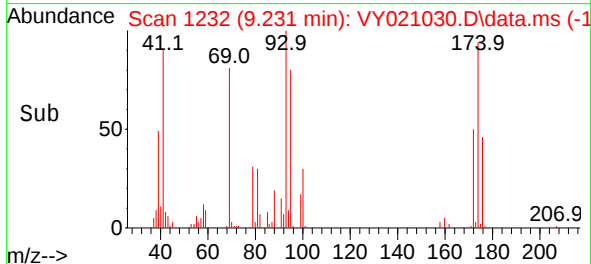
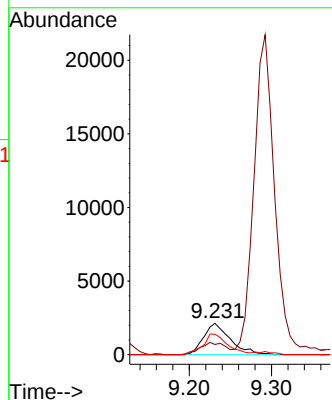
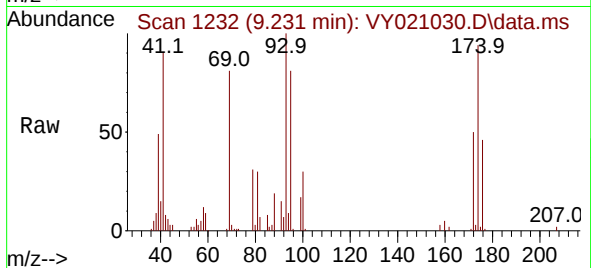
Tgt Ion: 88 Resp: 4802

Ion Ratio Lower Upper

88 100

43 36.6 28.2 42.4

58 61.1 52.2 78.2



#50

Toluene-d8

Concen: 50.244 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021030.D

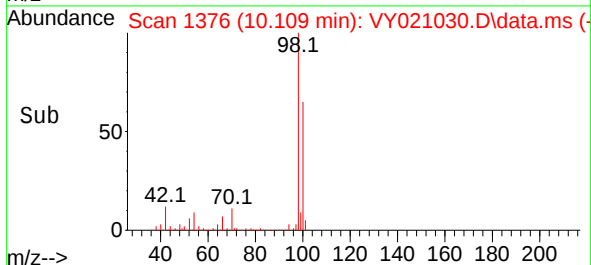
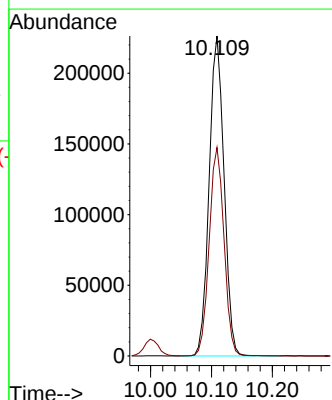
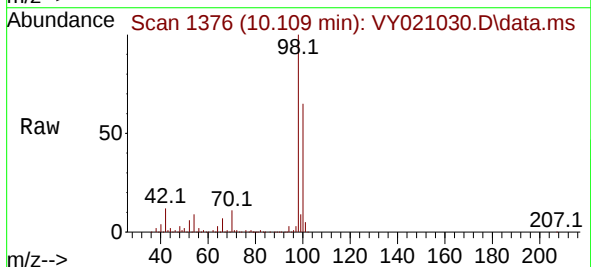
Acq: 03 Feb 2025 15:17

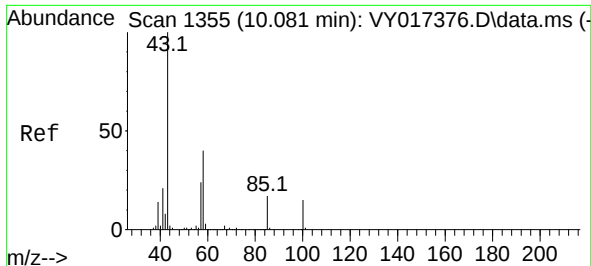
Tgt Ion: 98 Resp: 384555

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5

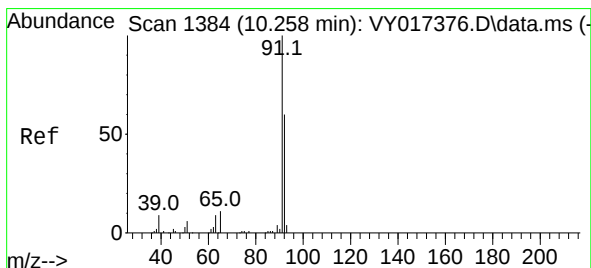
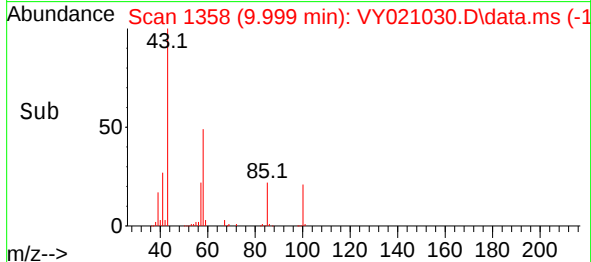
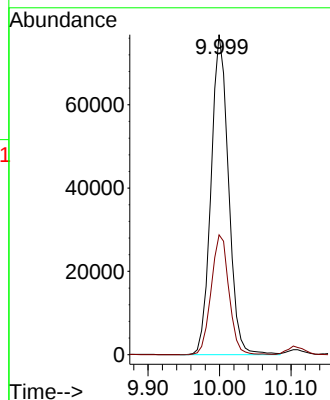
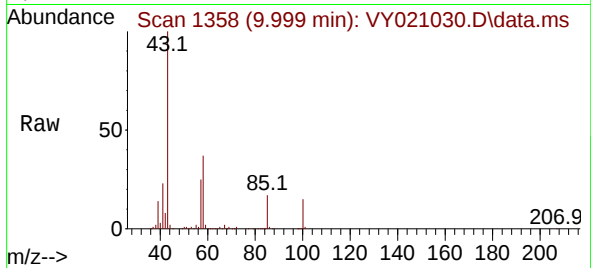




#51
4-Methyl-2-Pentanone
Concen: 99.907 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

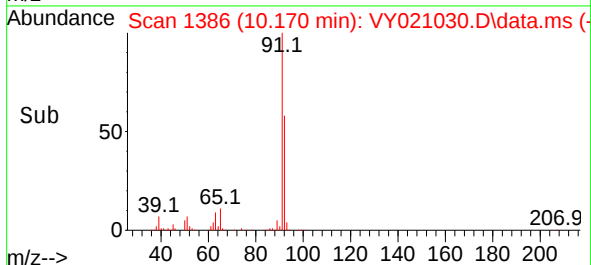
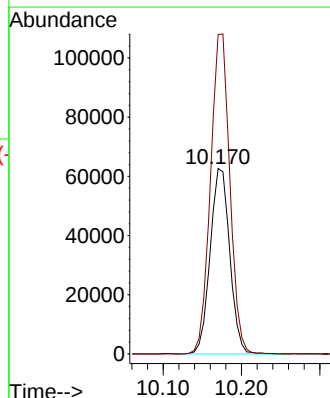
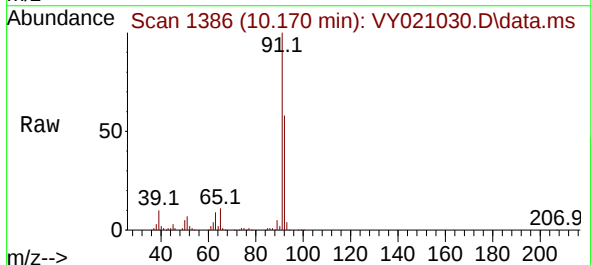
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBS01

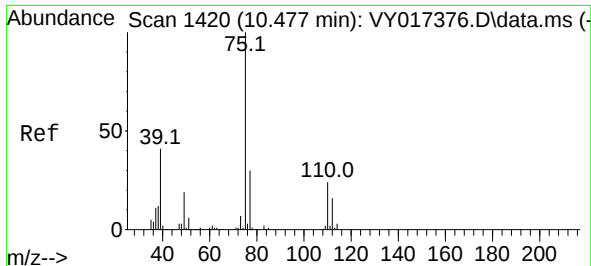
Tgt Ion: 43 Resp: 130407
Ion Ratio Lower Upper
43 100
58 38.1 32.2 48.2



#52
Toluene
Concen: 19.795 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 92 Resp: 108618
Ion Ratio Lower Upper
92 100
91 171.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.474 ug/l

RT: 10.396 min Scan# 1420

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

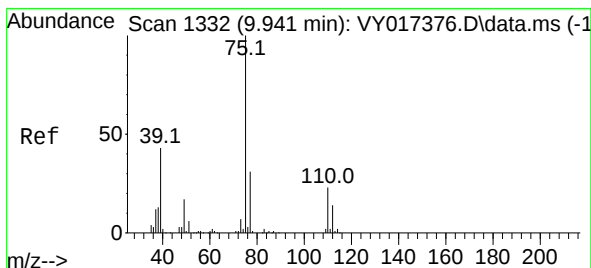
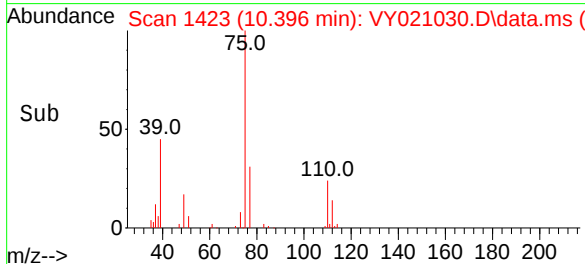
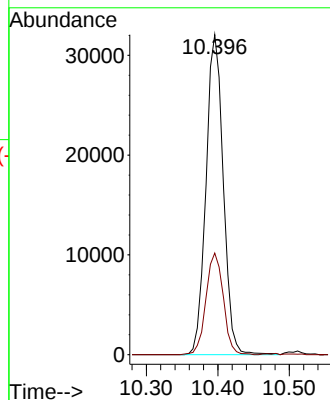
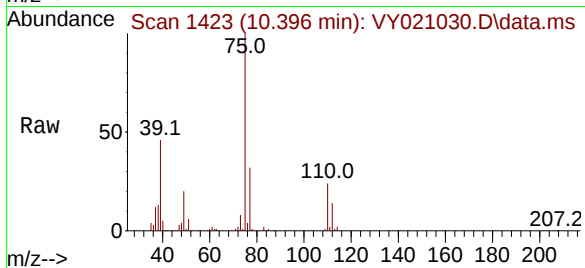
VY0203SBSD01

Tgt Ion: 75 Resp: 53855

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 19.155 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

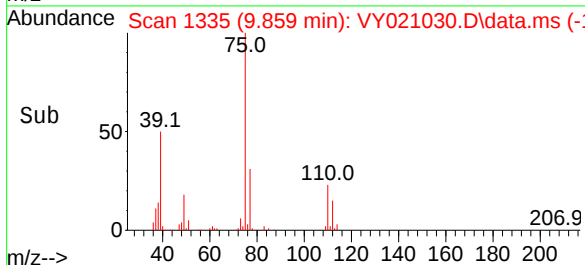
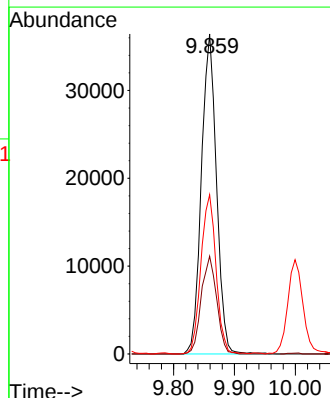
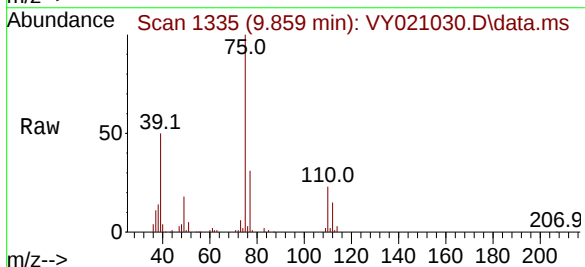
Tgt Ion: 75 Resp: 62722

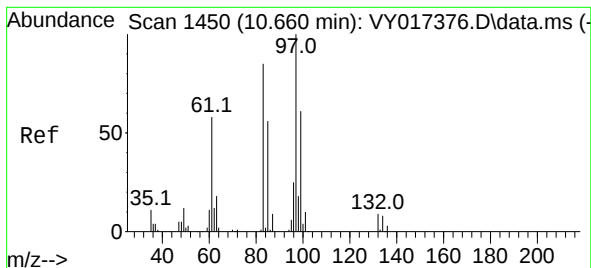
Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 49.7 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 19.261 ug/l

RT: 10.572 min Scan# 1450

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

Tgt Ion: 97 Resp: 28643

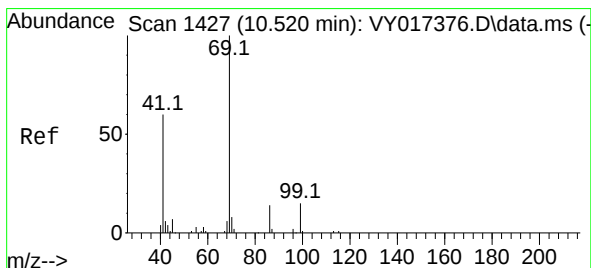
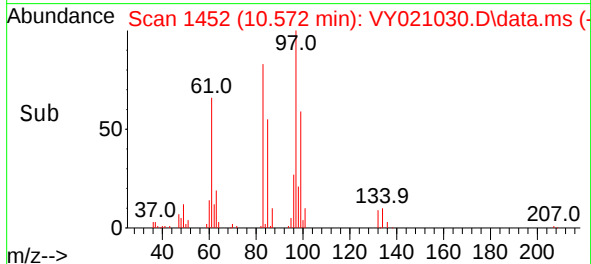
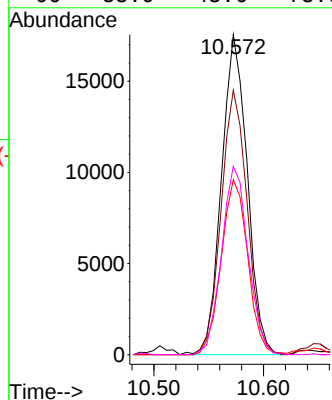
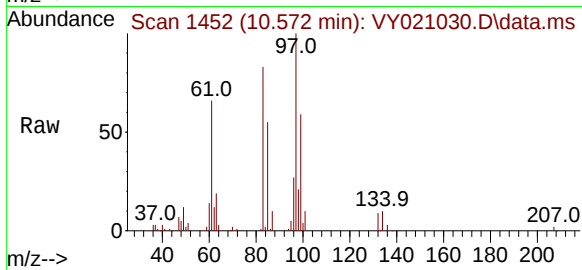
Ion Ratio Lower Upper

97 100

83 82.6 69.4 104.2

85 54.7 43.9 65.9

99 58.9 48.6 73.0



#56

Ethyl methacrylate

Concen: 19.248 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

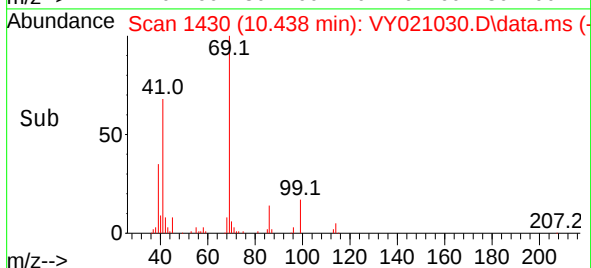
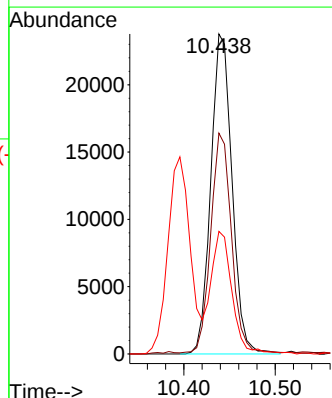
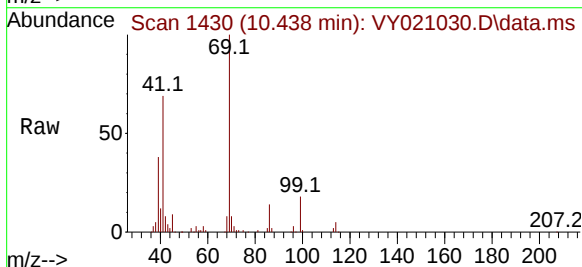
Tgt Ion: 69 Resp: 38293

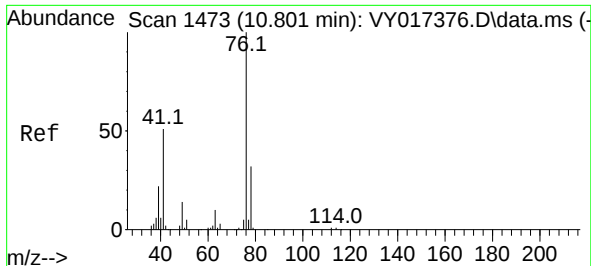
Ion Ratio Lower Upper

69 100

41 66.7 49.2 73.8

39 38.0 26.8 40.2





#57

1,3-Dichloropropane

Concen: 19.119 ug/l

RT: 10.719 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

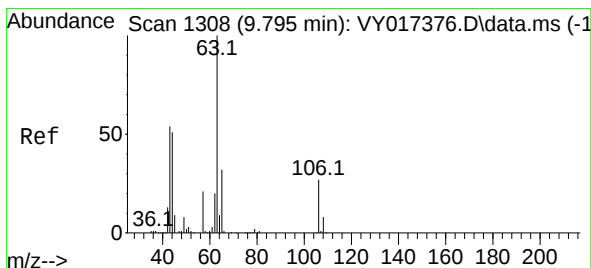
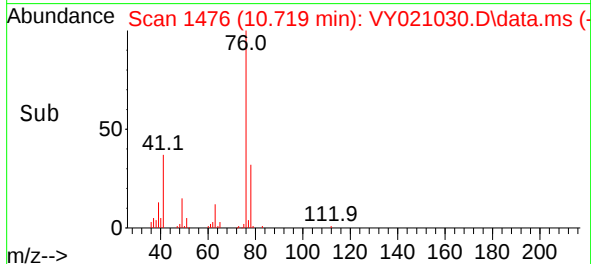
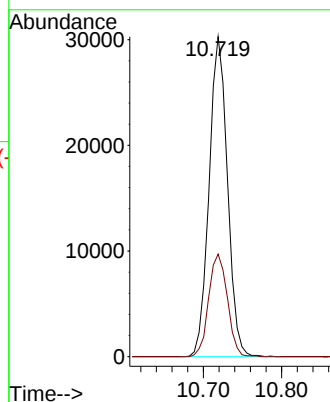
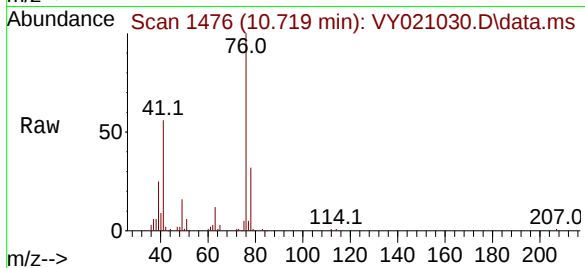
VY0203SBSD01

Tgt Ion: 76 Resp: 49212

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 92.345 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021030.D

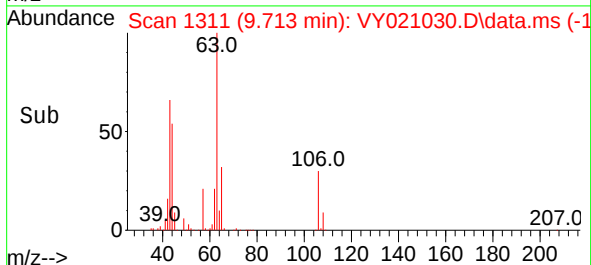
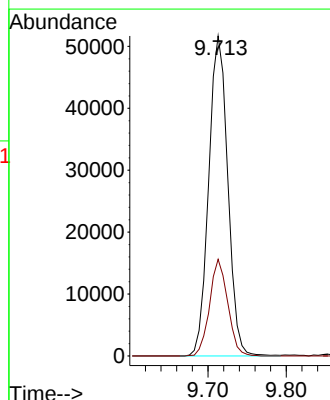
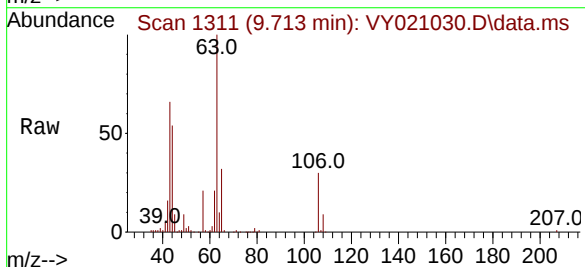
Acq: 03 Feb 2025 15:17

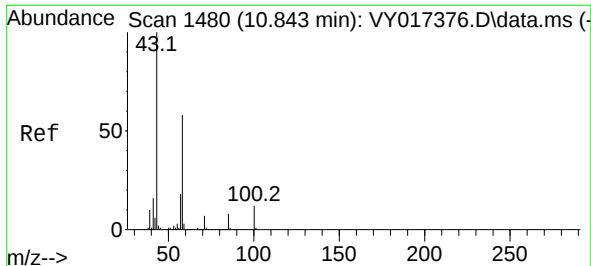
Tgt Ion: 63 Resp: 87401

Ion Ratio Lower Upper

63 100

106 28.7 22.4 33.6





#59

2-Hexanone

Concen: 99.341 ug/l

RT: 10.761 min Scan# 1480

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

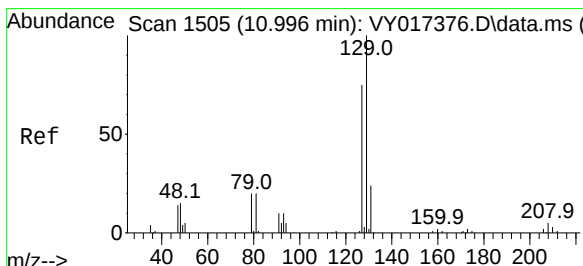
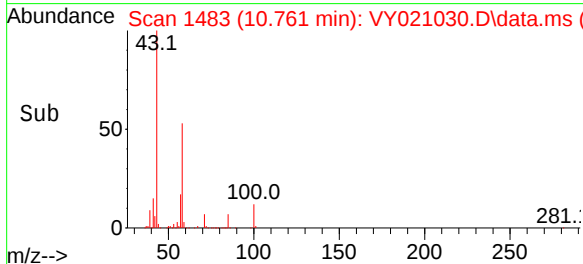
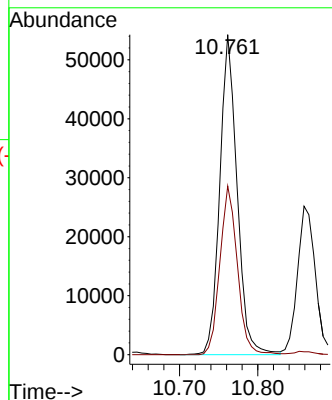
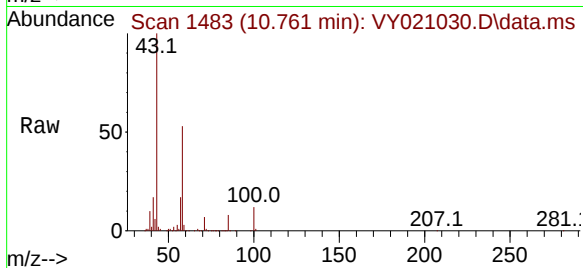
VY0203SBS01

Tgt Ion: 43 Resp: 83488

Ion Ratio Lower Upper

43 100

58 53.3 28.1 84.3



#60

Dibromochloromethane

Concen: 19.180 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VY021030.D

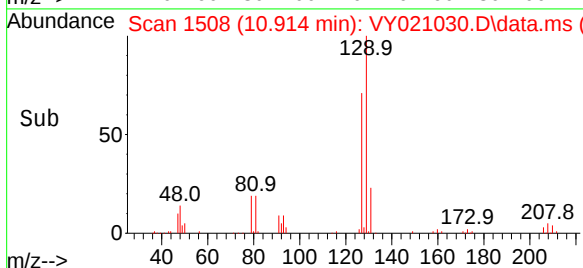
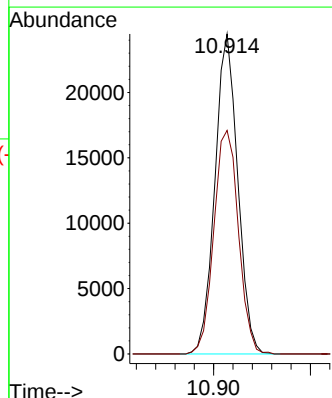
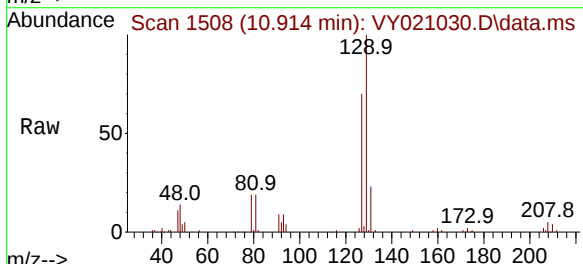
Acq: 03 Feb 2025 15:17

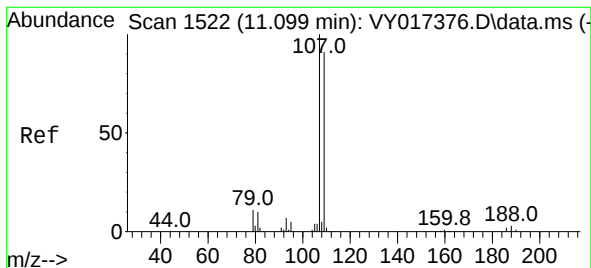
Tgt Ion:129 Resp: 40055

Ion Ratio Lower Upper

129 100

127 75.3 39.2 117.6

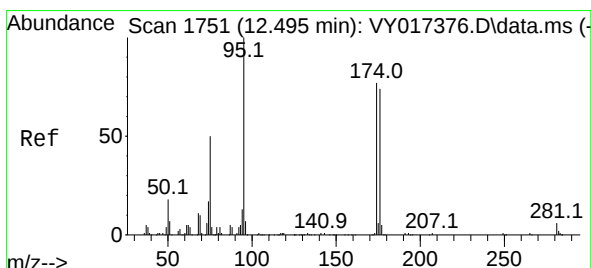
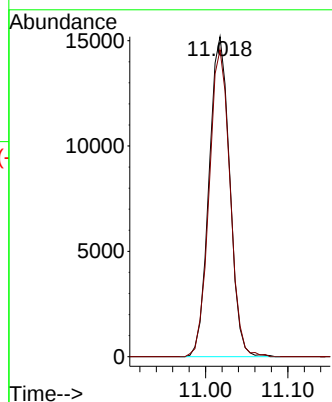
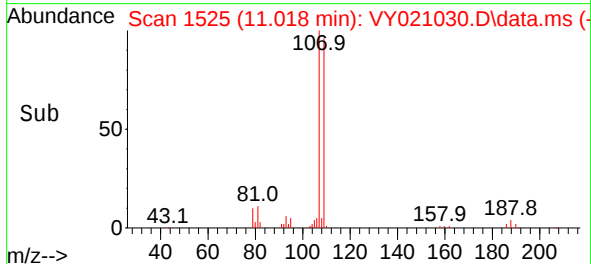
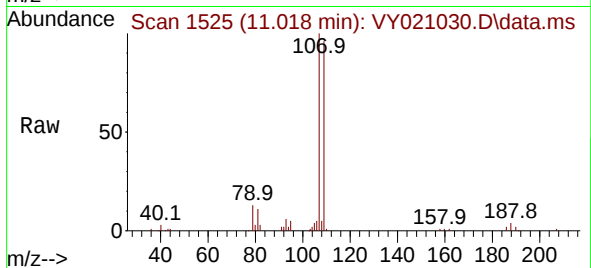




#61
1,2-Dibromoethane
Concen: 19.022 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

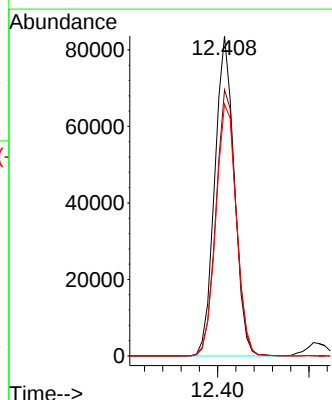
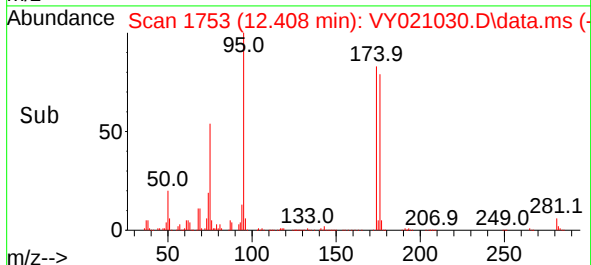
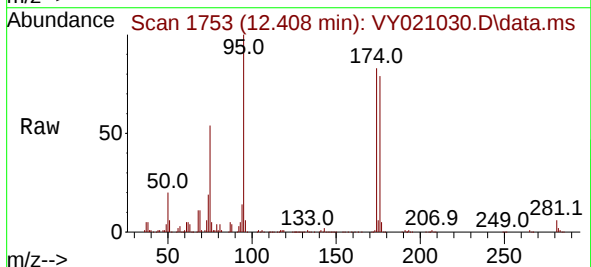
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

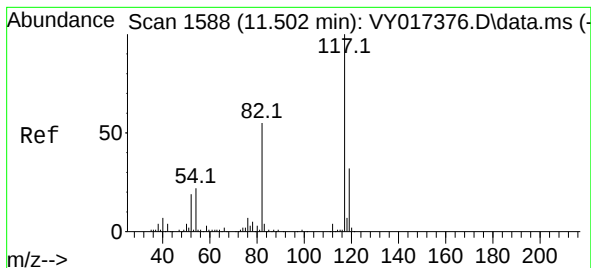
Tgt Ion:107 Resp: 26497
Ion Ratio Lower Upper
107 100
109 96.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.655 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 95 Resp: 124160
Ion Ratio Lower Upper
95 100
174 85.7 0.0 160.0
176 82.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

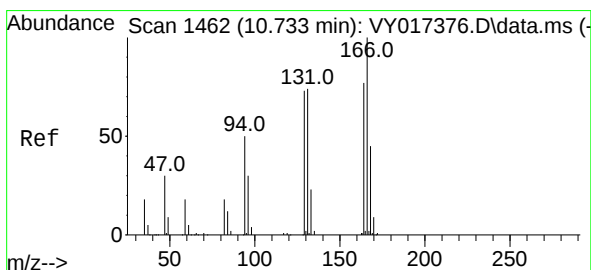
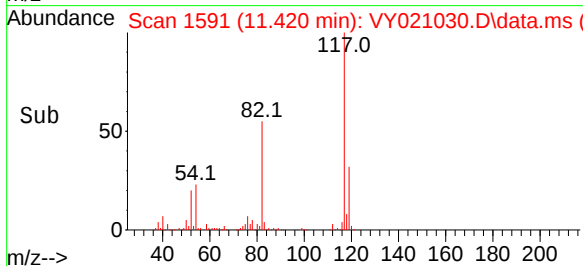
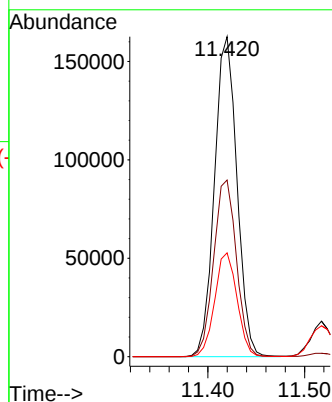
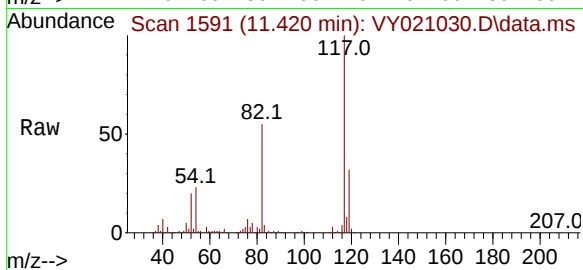
Tgt Ion:117 Resp: 262239

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

119 32.4 26.5 39.7



#64

Tetrachloroethene

Concen: 19.925 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Tgt Ion:164 Resp: 38789

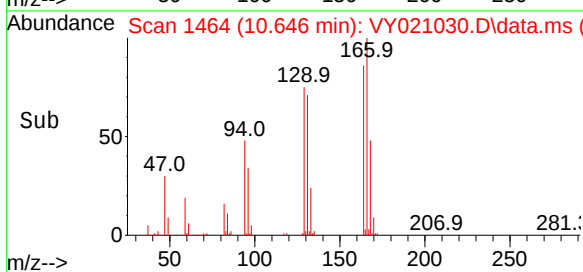
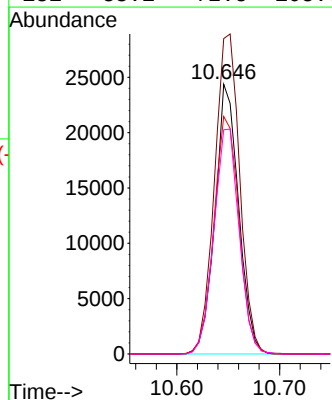
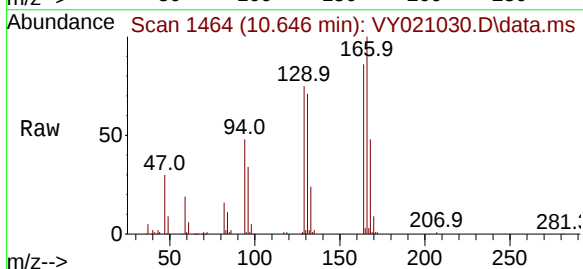
Ion Ratio Lower Upper

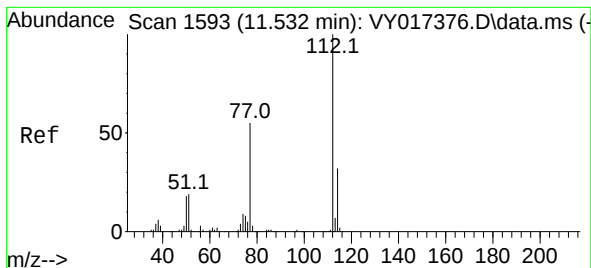
164 100

166 116.9 98.8 148.2

129 88.1 78.9 118.3

131 83.1 72.5 108.7

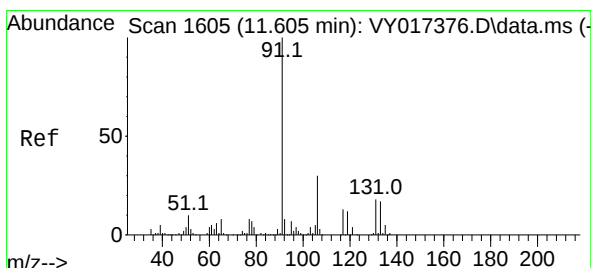
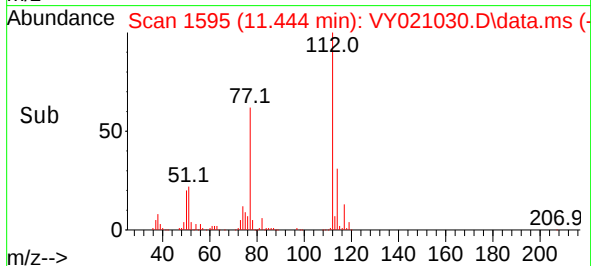
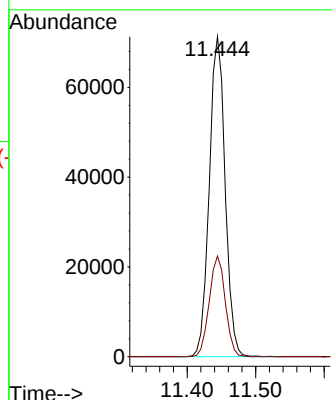
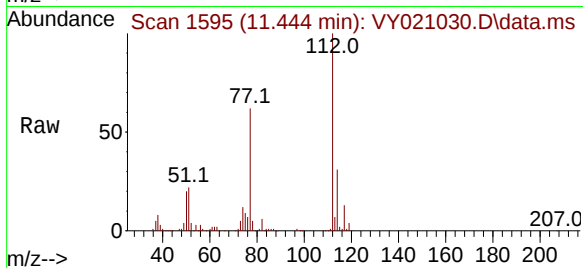




#65
Chlorobenzene
Concen: 19.673 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

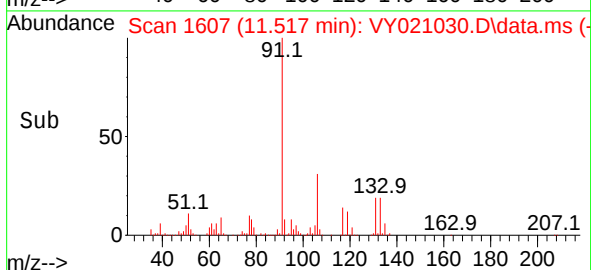
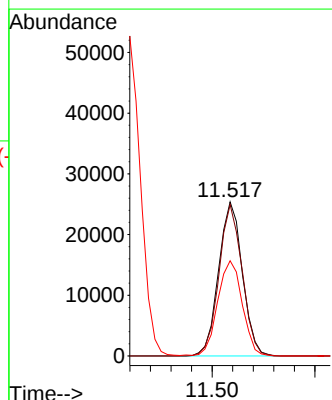
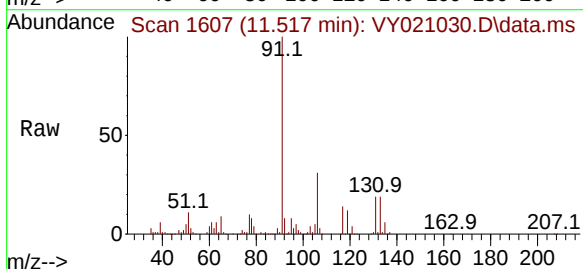
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

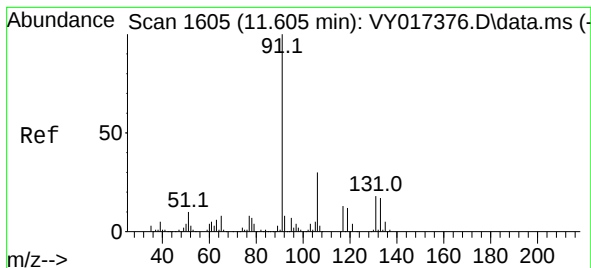
Tgt Ion:112 Resp: 114877
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.591 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion:131 Resp: 40654
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.0
119 63.9 33.3 99.9





#67

Ethyl Benzene

Concen: 19.937 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

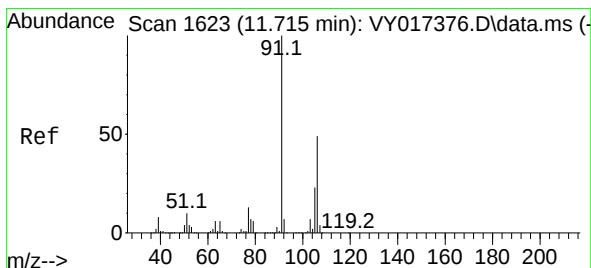
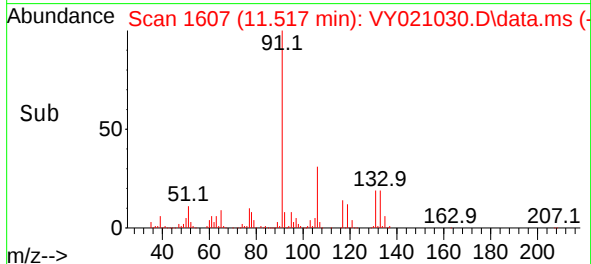
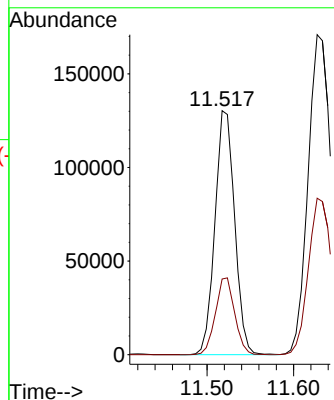
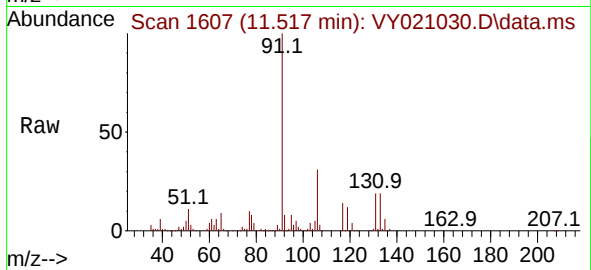
VY0203SBSD01

Tgt Ion: 91 Resp: 205913

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 40.235 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021030.D

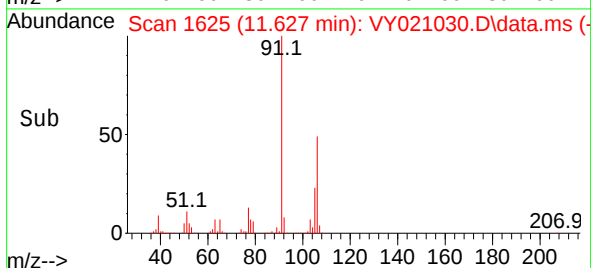
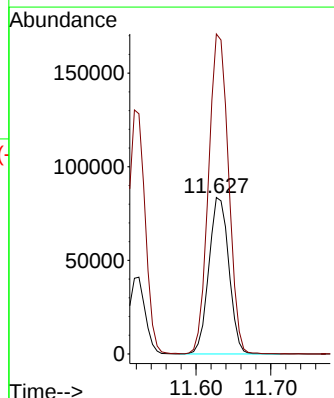
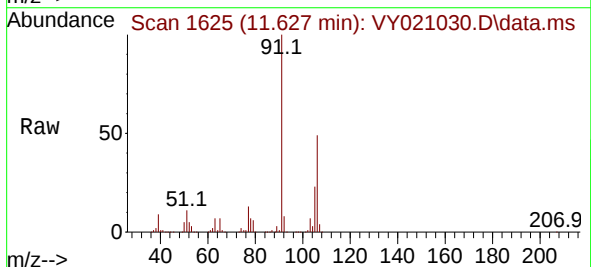
Acq: 03 Feb 2025 15:17

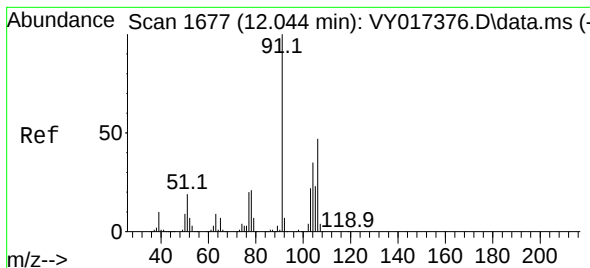
Tgt Ion:106 Resp: 155455

Ion Ratio Lower Upper

106 100

91 204.5 160.7 241.1





#69

o-Xylene

Concen: 19.760 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

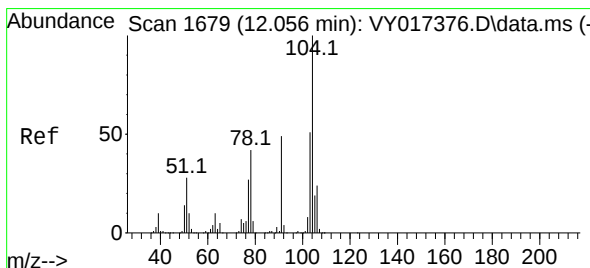
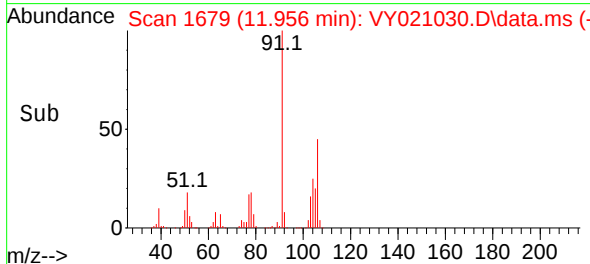
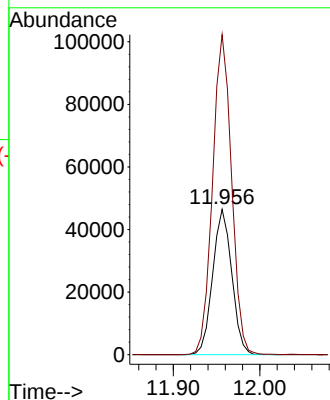
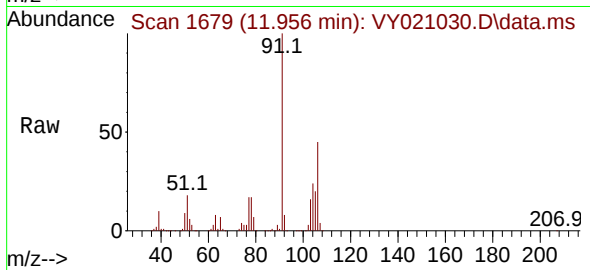
VY0203SBSD01

Tgt Ion:106 Resp: 71181

Ion Ratio Lower Upper

106 100

91 219.1 106.5 319.5



#70

Styrene

Concen: 20.050 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

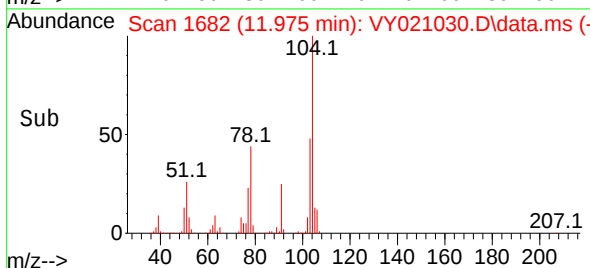
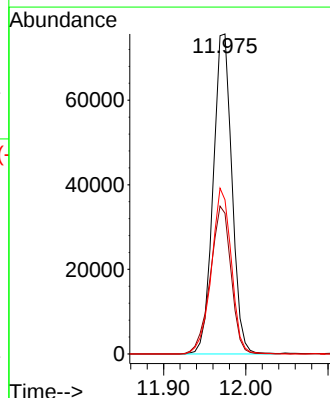
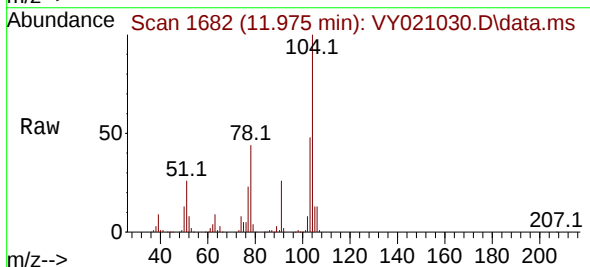
Tgt Ion:104 Resp: 120377

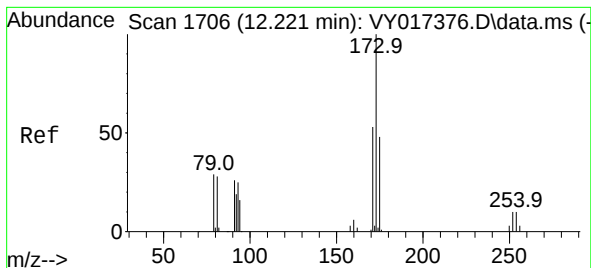
Ion Ratio Lower Upper

104 100

78 51.1 39.2 58.8

103 54.9 43.8 65.6





#71

Bromoform

Concen: 19.978 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

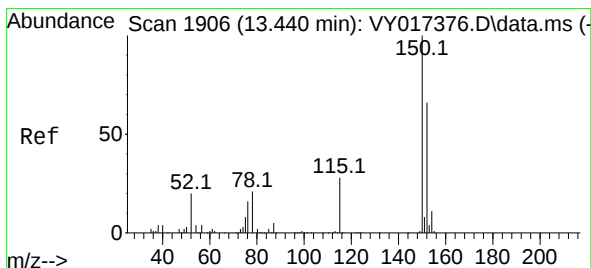
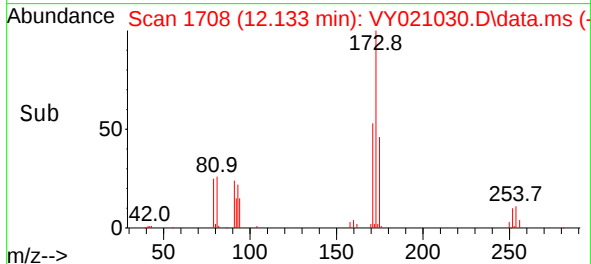
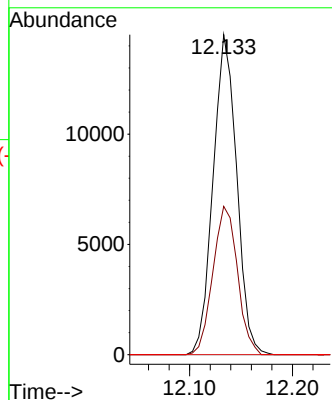
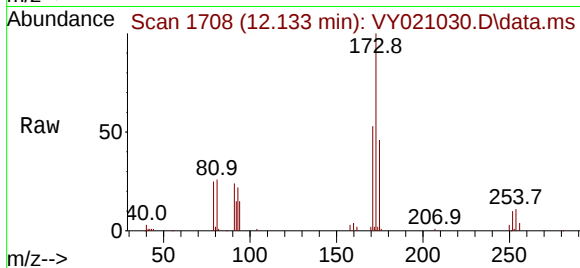
Tgt Ion:173 Resp: 23075

Ion Ratio Lower Upper

173 100

175 48.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

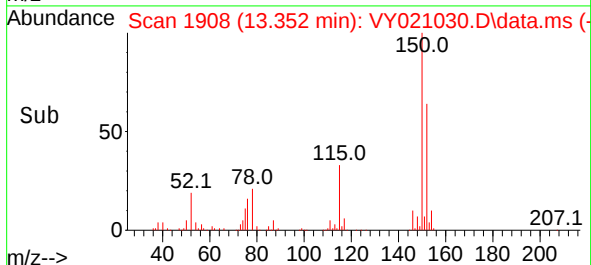
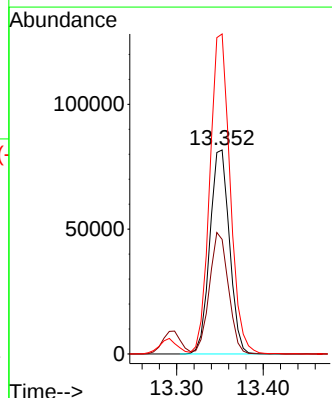
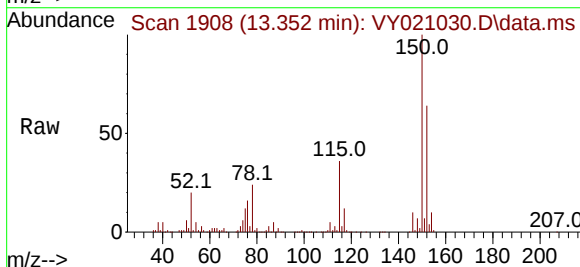
Tgt Ion:152 Resp: 128240

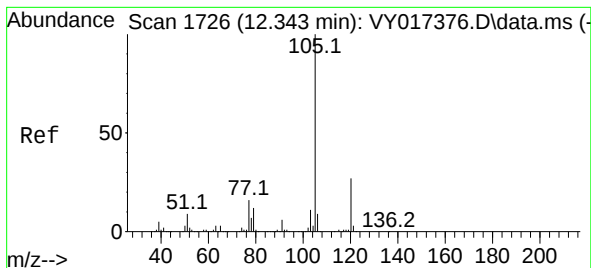
Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.0

150 162.5 0.0 344.6





#73

Isopropylbenzene

Concen: 19.522 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

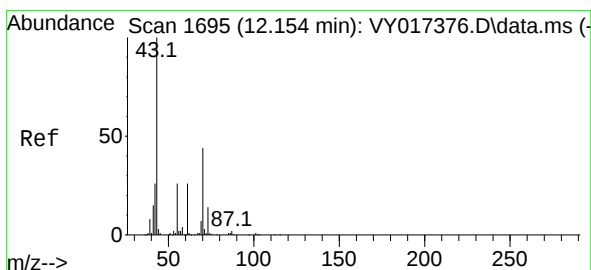
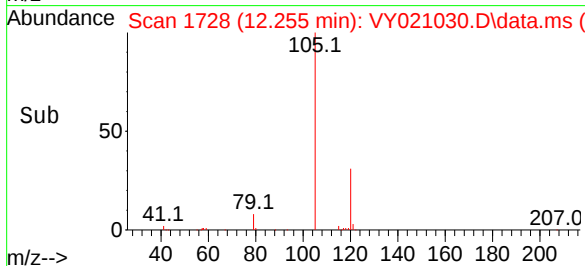
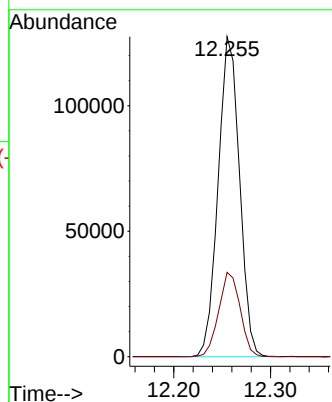
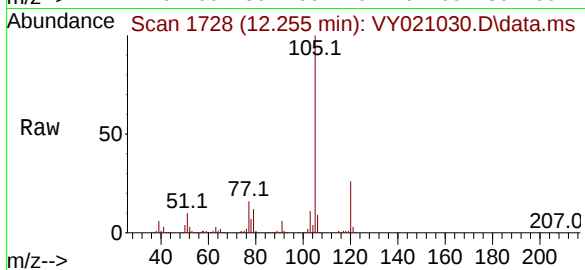
VY0203SBSD01

Tgt Ion:105 Resp: 195561

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 19.327 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Tgt Ion: 43 Resp: 42327

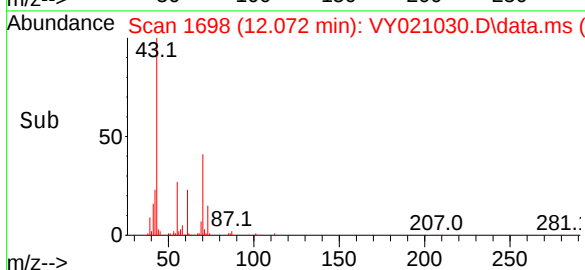
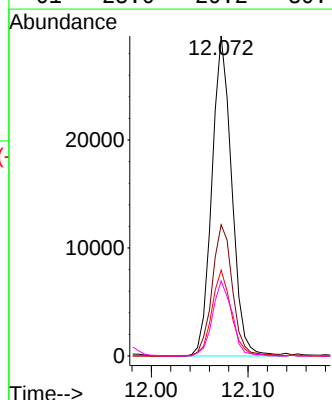
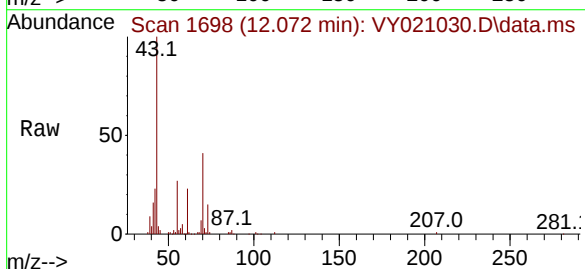
Ion Ratio Lower Upper

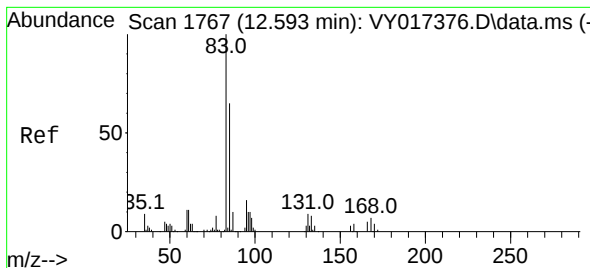
43 100

70 41.9 36.6 55.0

55 26.4 22.2 33.4

61 23.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.184 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBS01

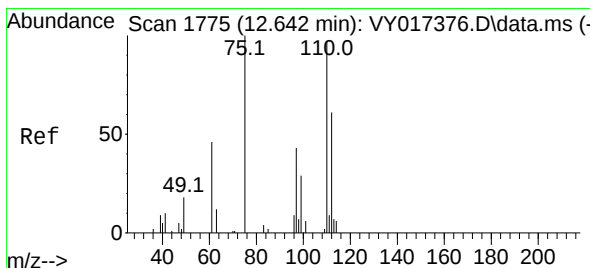
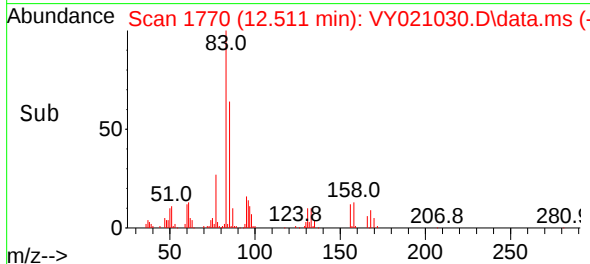
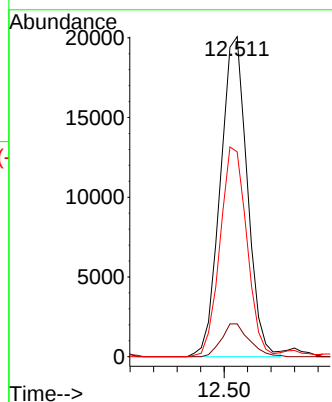
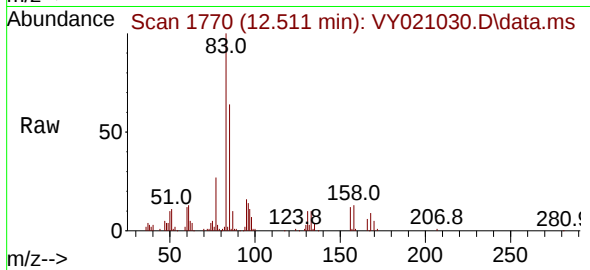
Tgt Ion: 83 Resp: 31960

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.6

85 65.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 36.536 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021030.D

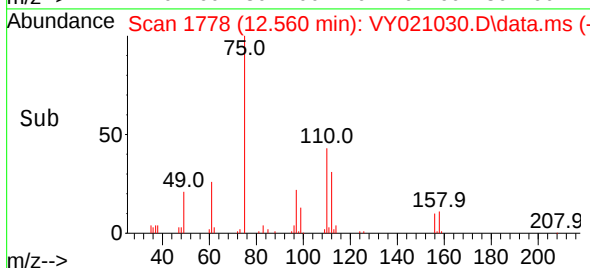
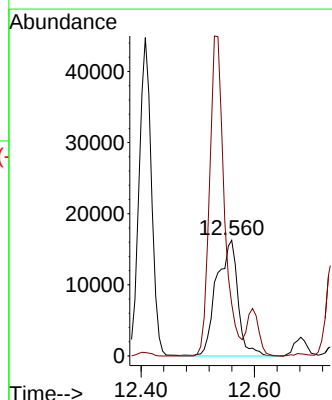
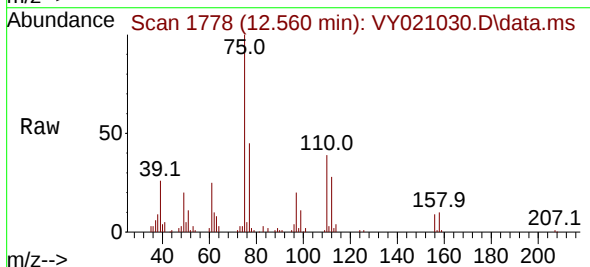
Acq: 03 Feb 2025 15:17

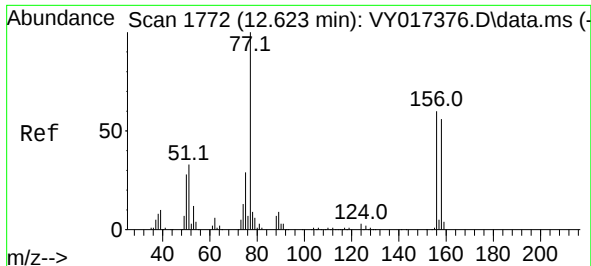
Tgt Ion: 75 Resp: 42502

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

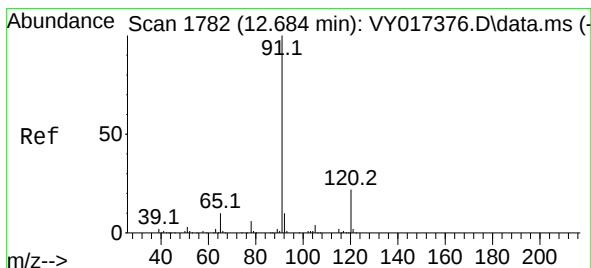
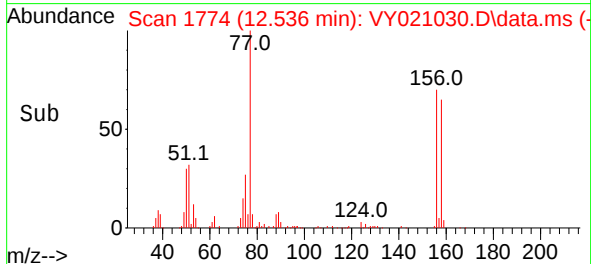
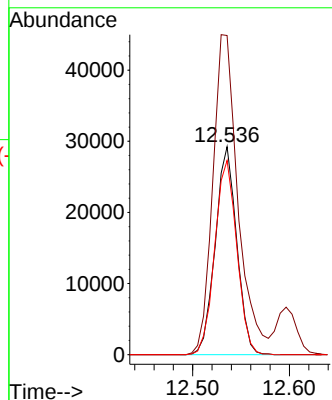
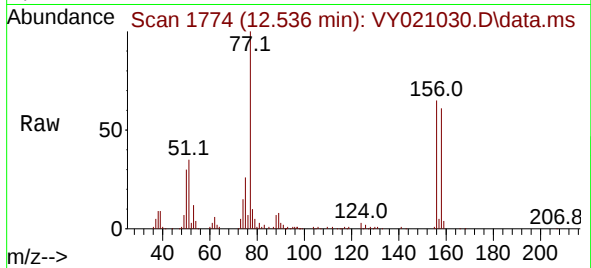




#77
Bromobenzene
Concen: 19.481 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

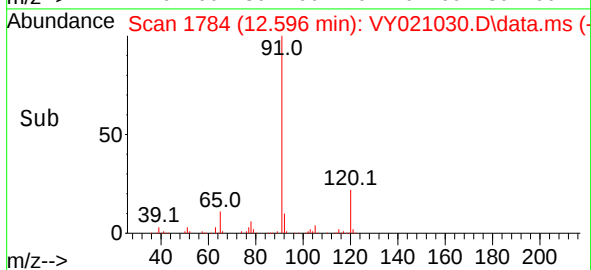
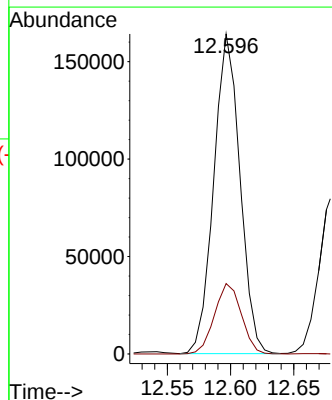
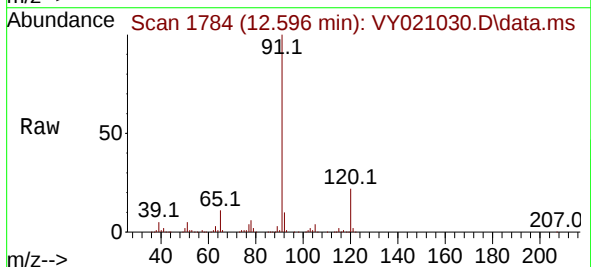
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

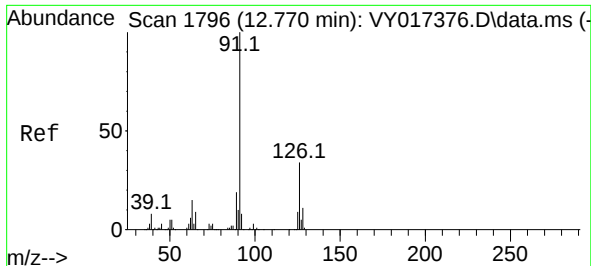
Tgt Ion:156 Resp: 45033
Ion Ratio Lower Upper
156 100
77 181.1 97.3 291.8
158 96.1 48.4 145.0



#78
n-propylbenzene
Concen: 19.777 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 91 Resp: 236000
Ion Ratio Lower Upper
91 100
120 22.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 19.293 ug/l

RT: 12.682 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

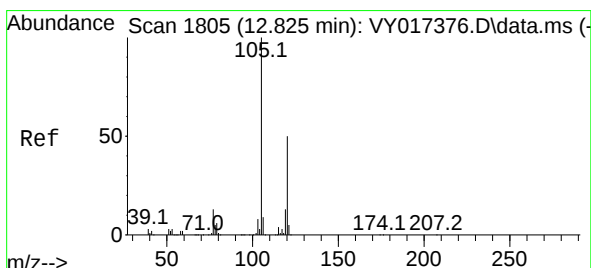
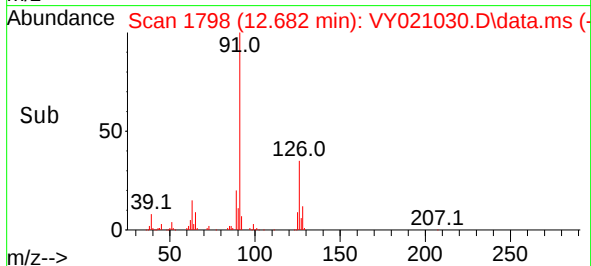
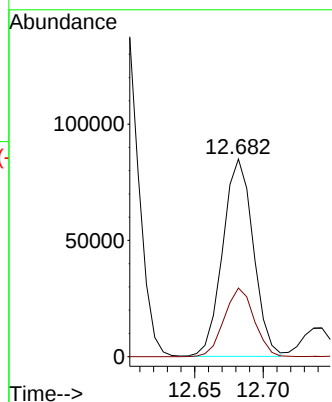
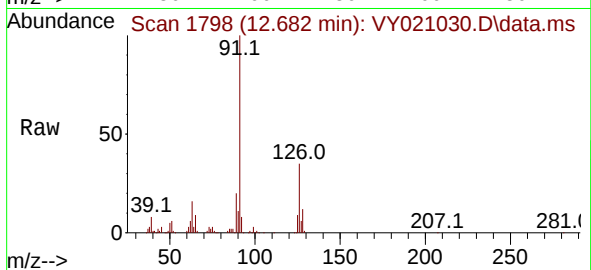
VY0203SBS01

Tgt Ion: 91 Resp: 131856

Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 19.658 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021030.D

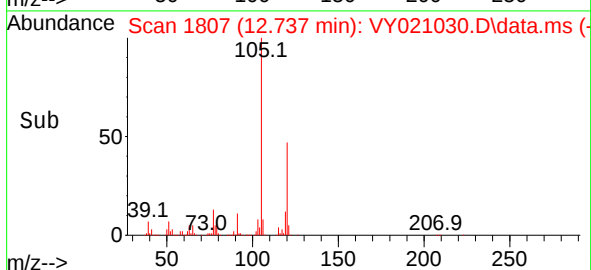
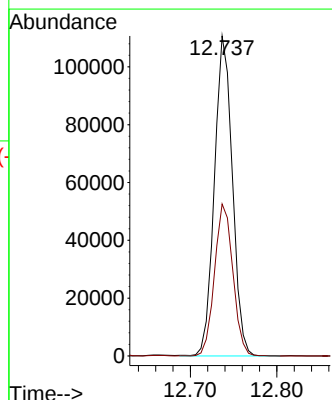
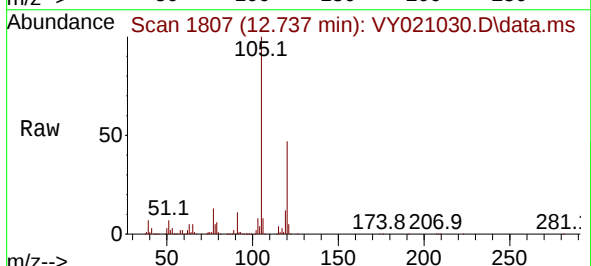
Acq: 03 Feb 2025 15:17

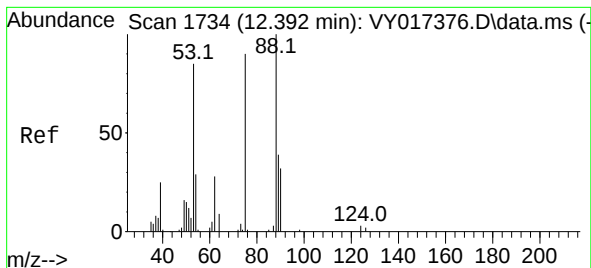
Tgt Ion: 105 Resp: 159660

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

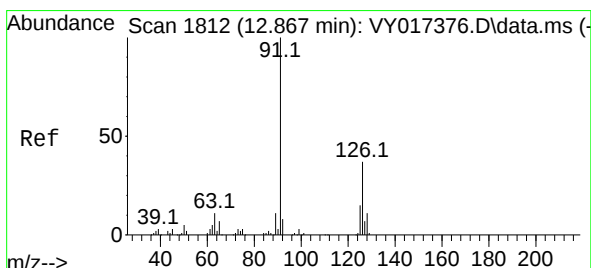
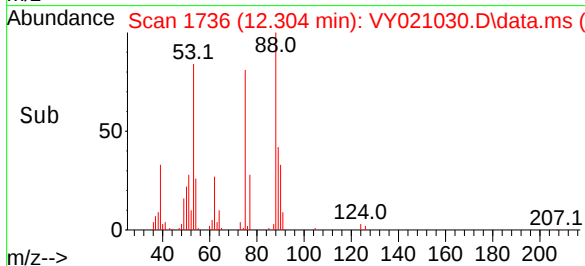
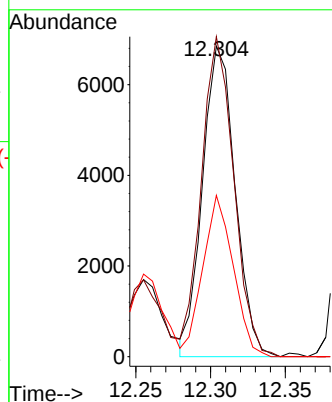
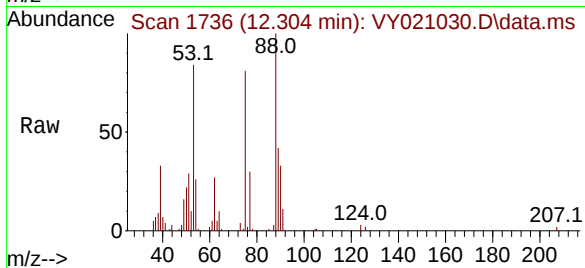




#81
trans-1,4-Dichloro-2-butene
Concen: 18.267 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

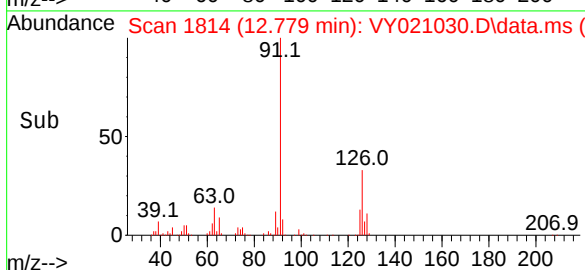
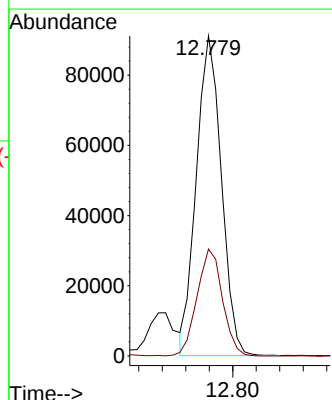
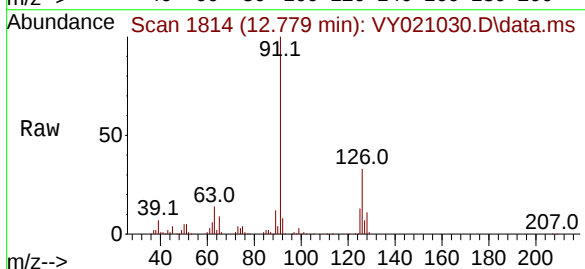
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

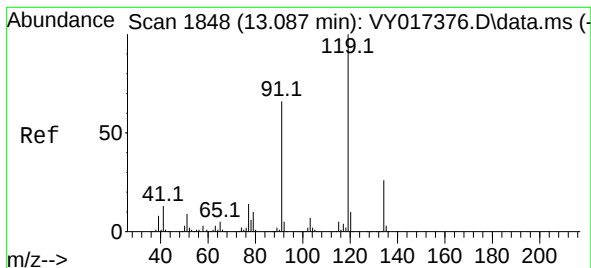
Tgt Ion: 75 Resp: 10414
Ion Ratio Lower Upper
75 100
53 101.9 74.0 111.0
89 48.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.337 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion: 91 Resp: 134650
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.349 ug/l

RT: 12.999 min Scan# 1848

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

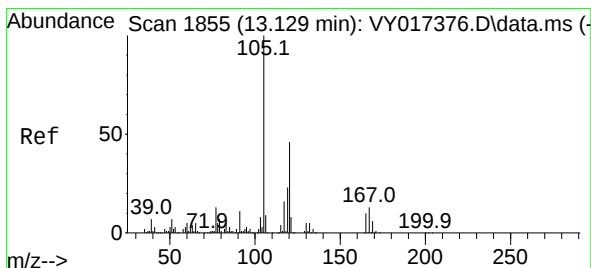
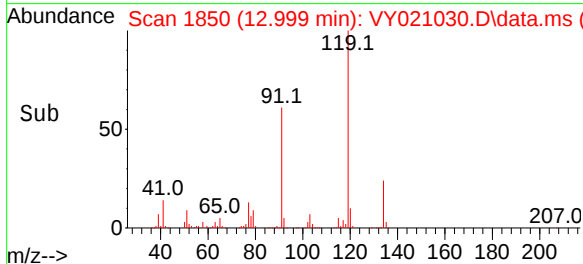
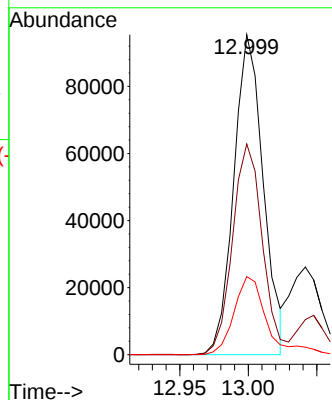
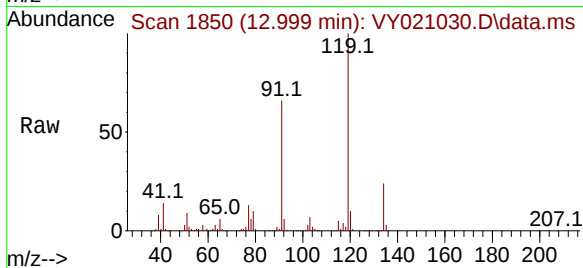
Tgt Ion:119 Resp: 142840

Ion Ratio Lower Upper

119 100

91 67.0 31.5 94.5

134 27.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.776 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021030.D

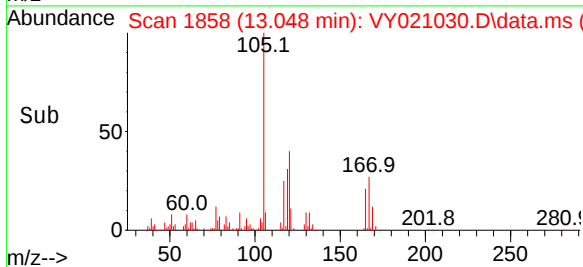
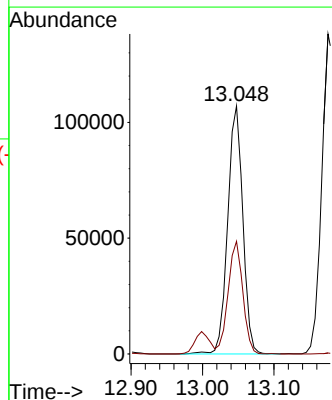
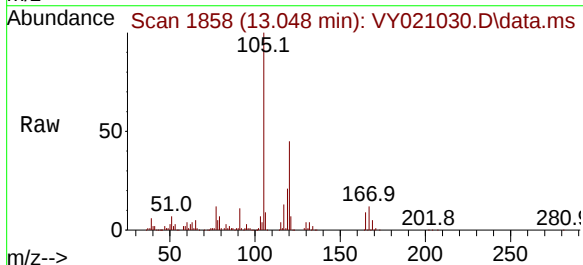
Acq: 03 Feb 2025 15:17

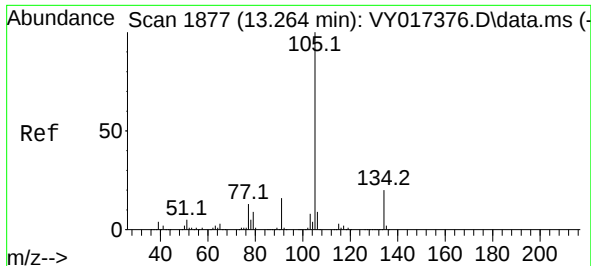
Tgt Ion:105 Resp: 157049

Ion Ratio Lower Upper

105 100

120 44.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.461 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

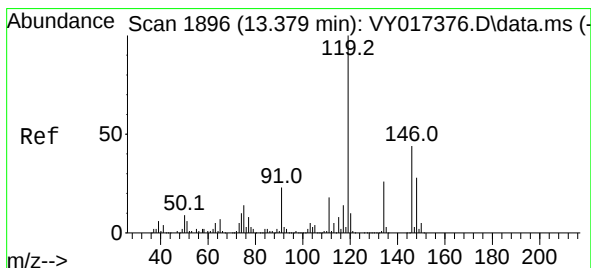
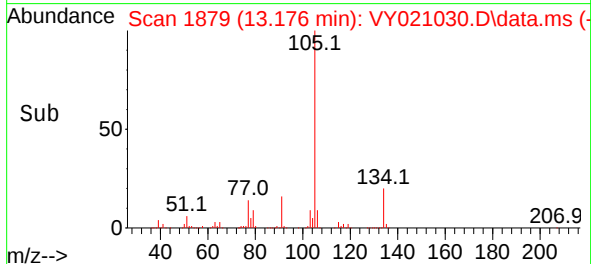
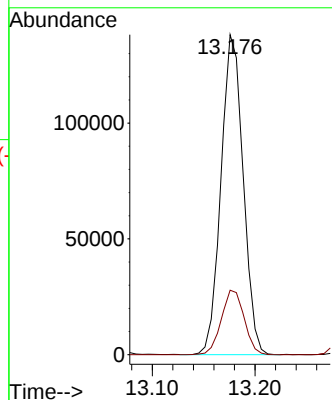
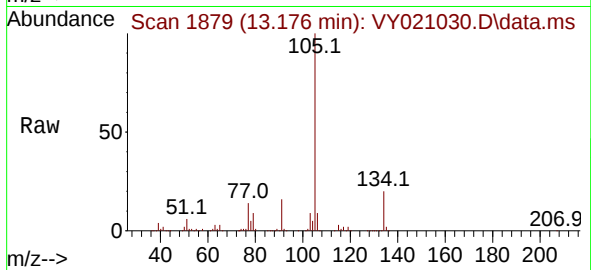
VY0203SBSD01

Tgt Ion:105 Resp: 206803

Ion Ratio Lower Upper

105 100

134 20.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.693 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

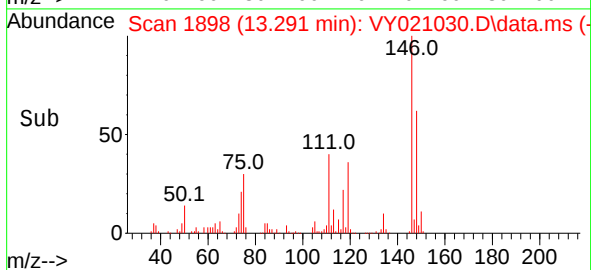
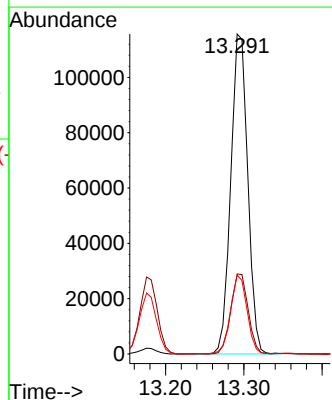
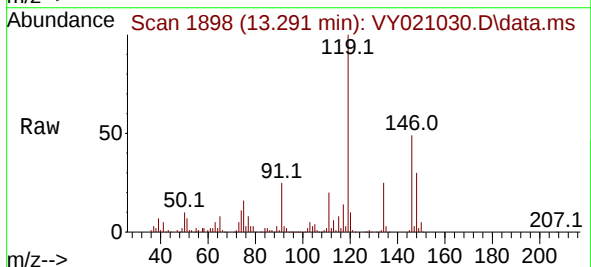
Tgt Ion:119 Resp: 173840

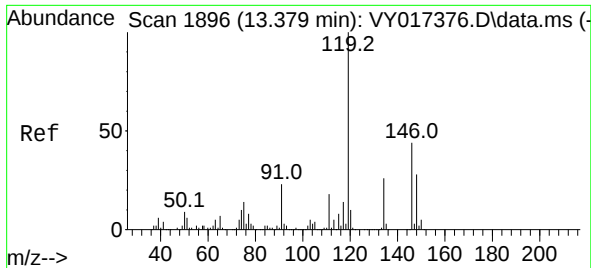
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.1

91 24.2 11.7 35.0

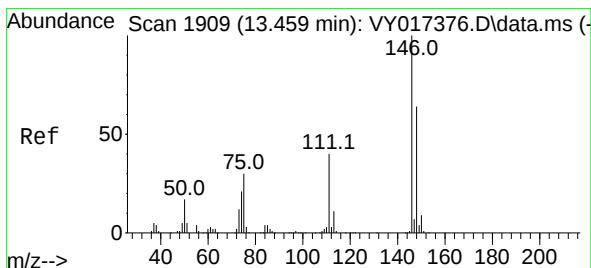
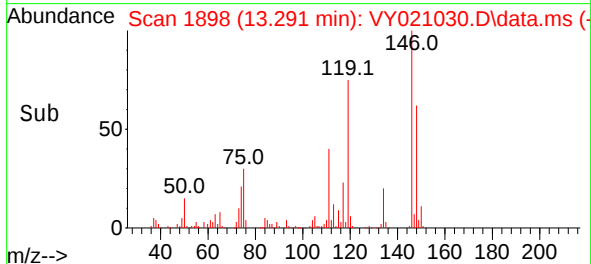
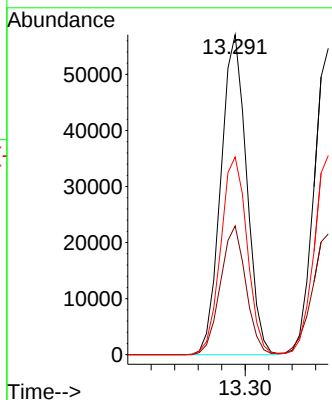
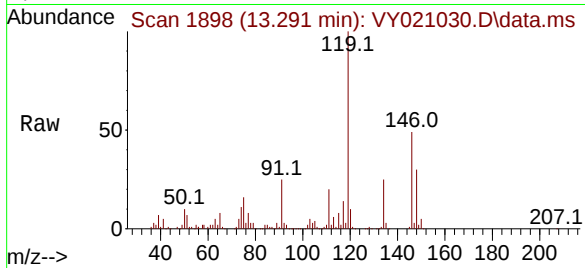




#87
1,3-Dichlorobenzene
Concen: 19.479 ug/l
RT: 13.291 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

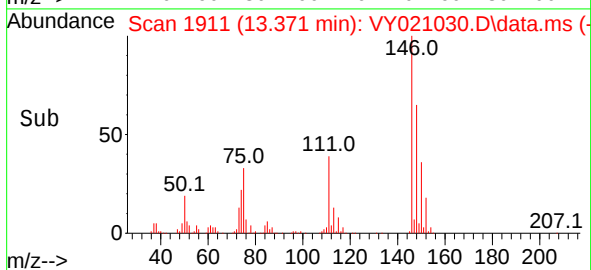
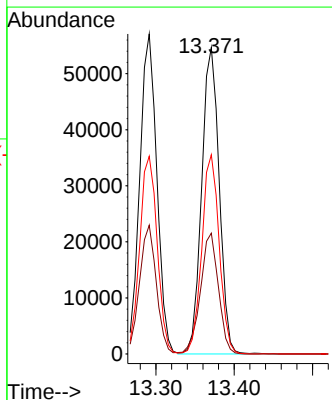
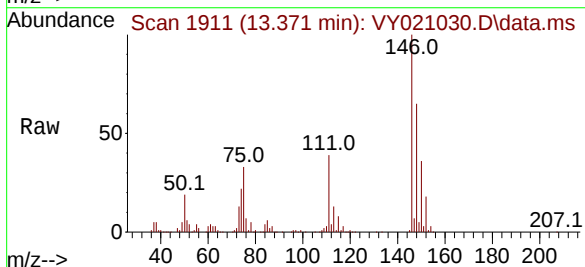
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBSD01

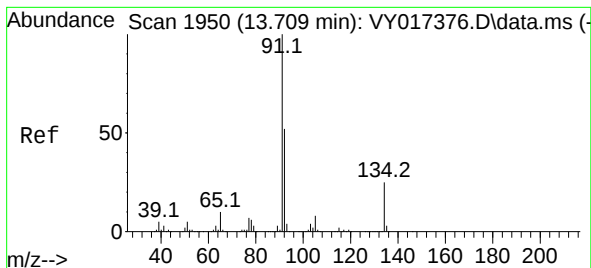
Tgt Ion:146 Resp: 86944
Ion Ratio Lower Upper
146 100
111 39.6 20.2 60.5
148 63.3 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 19.285 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021030.D
Acq: 03 Feb 2025 15:17

Tgt Ion:146 Resp: 84756
Ion Ratio Lower Upper
146 100
111 40.4 19.3 57.9
148 64.8 31.6 94.7





#89

n-Butylbenzene

Concen: 19.560 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

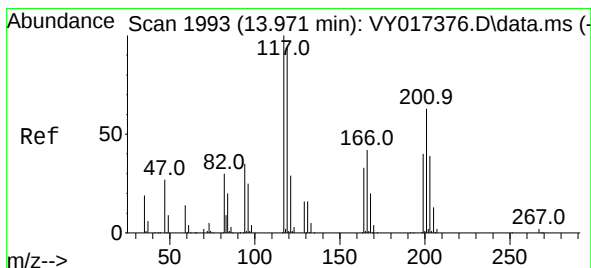
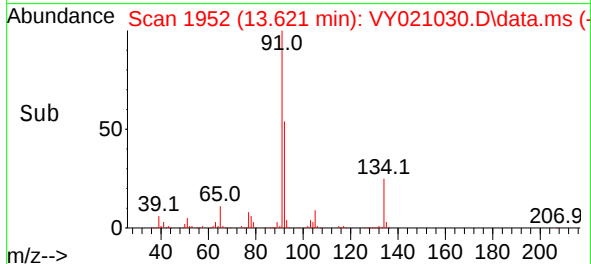
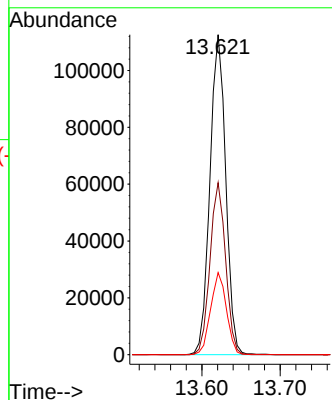
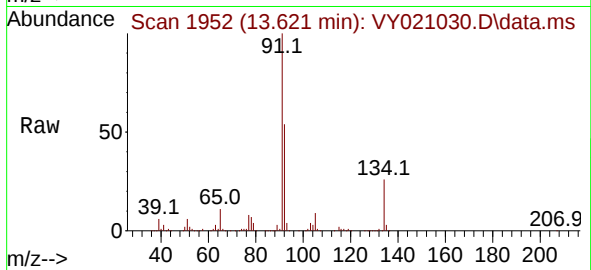
Tgt Ion: 91 Resp: 157518

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

134 25.7 12.3 36.8



#90

Hexachloroethane

Concen: 19.216 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY021030.D

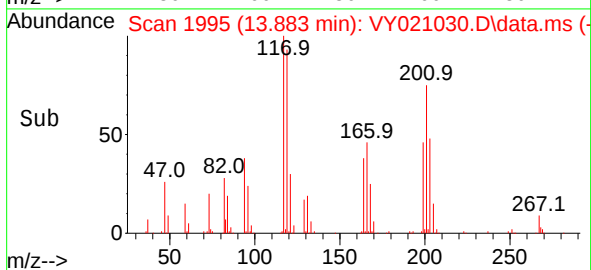
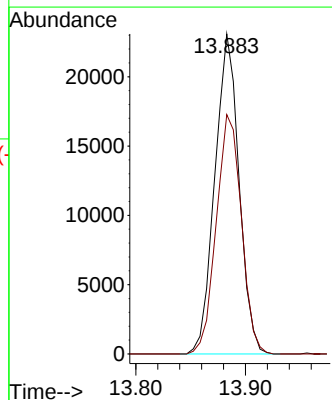
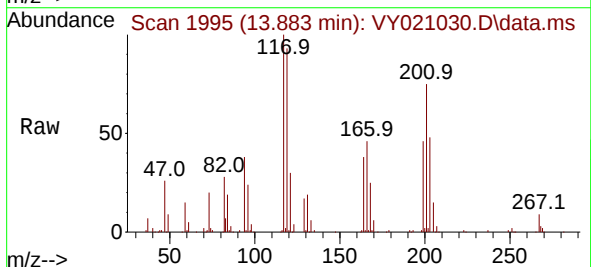
Acq: 03 Feb 2025 15:17

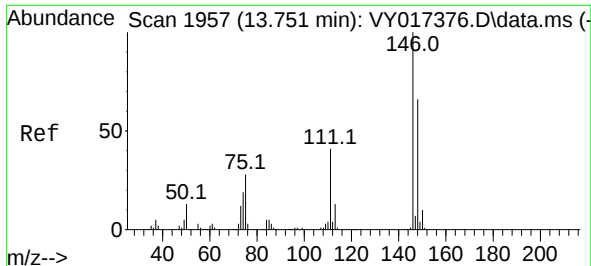
Tgt Ion:117 Resp: 35386

Ion Ratio Lower Upper

117 100

201 77.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 19.309 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

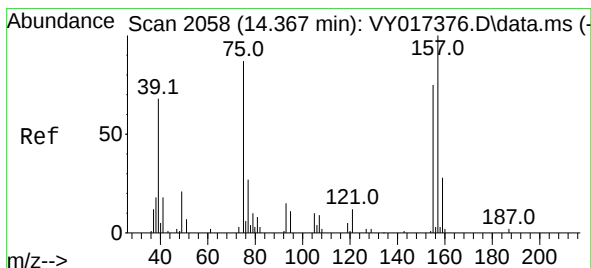
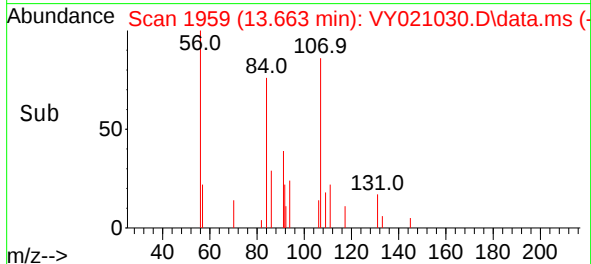
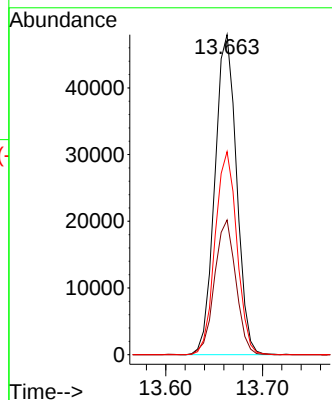
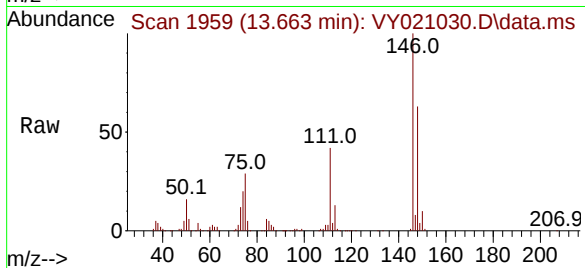
Tgt Ion:146 Resp: 74806

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.6

148 63.6 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.915 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

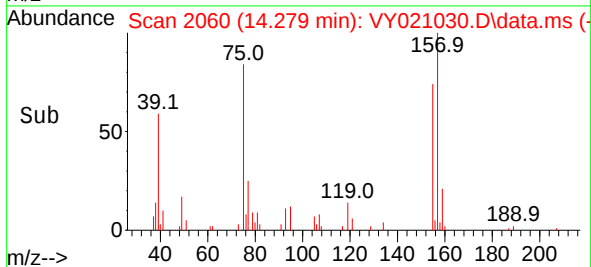
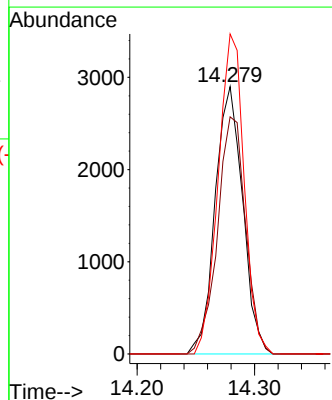
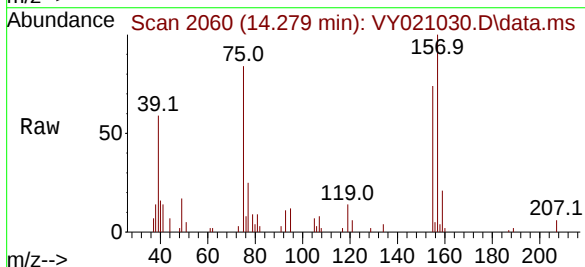
Tgt Ion: 75 Resp: 4709

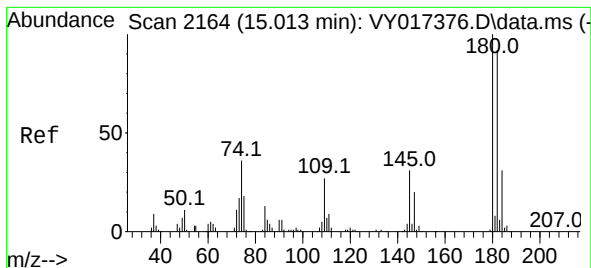
Ion Ratio Lower Upper

75 100

155 90.7 42.1 126.3

157 113.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 18.922 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

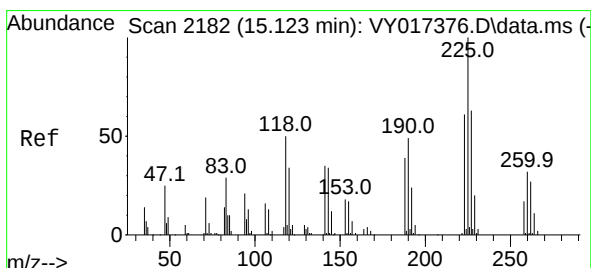
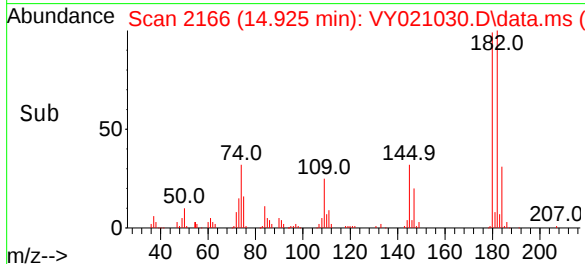
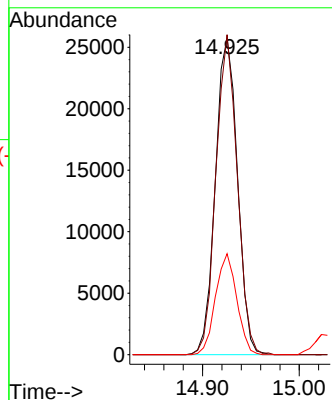
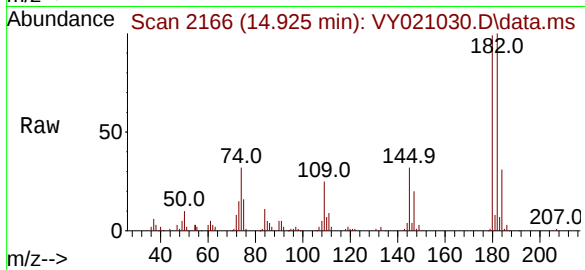
Tgt Ion:180 Resp: 40804

Ion Ratio Lower Upper

180 100

182 97.4 47.9 143.7

145 30.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 18.952 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

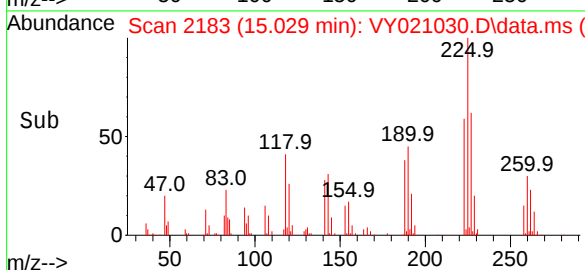
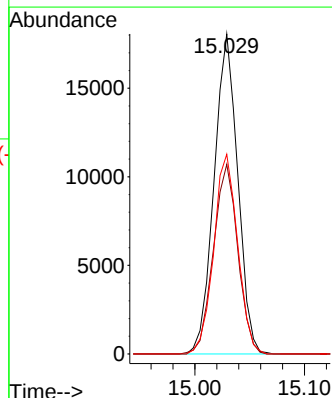
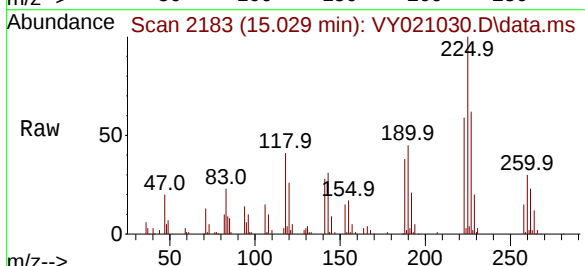
Tgt Ion:225 Resp: 27082

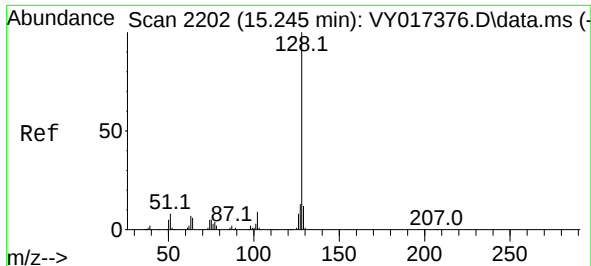
Ion Ratio Lower Upper

225 100

223 61.1 31.4 94.3

227 63.2 32.3 96.8





#95

Naphthalene

Concen: 18.763 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBSD01

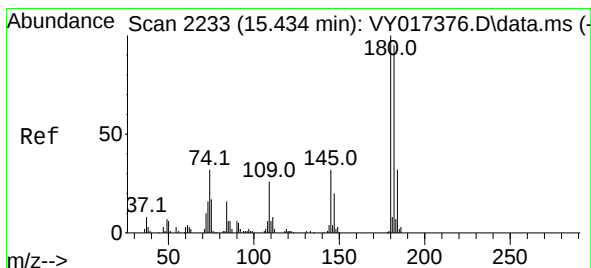
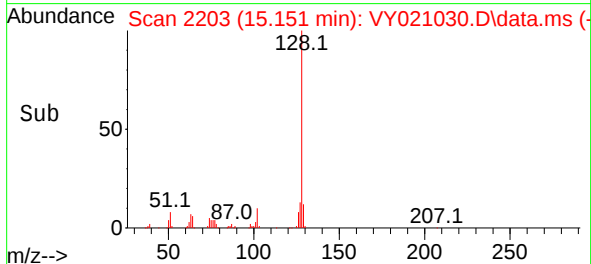
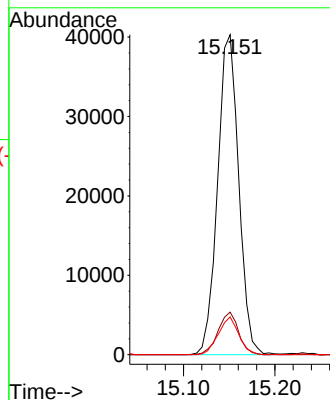
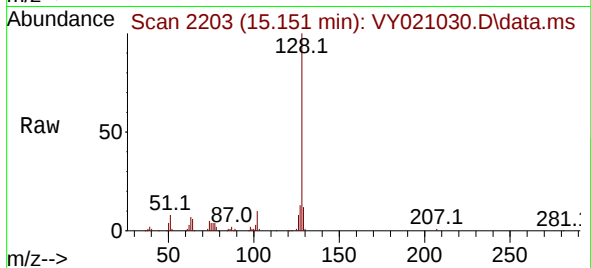
Tgt Ion:128 Resp: 64732

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.274 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021030.D

Acq: 03 Feb 2025 15:17

Tgt Ion:180 Resp: 34588

Ion Ratio Lower Upper

180 100

182 93.8 46.3 138.8

145 31.6 16.1 48.2

