

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021903.D
 Acq On : 17 Apr 2025 10:28
 Operator : SY/MD
 Sample : VY0417SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Quant Time: Apr 18 03:55:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	203142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	318060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	284542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	149017	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114888	52.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.400%	
35) Dibromofluoromethane	7.634	113	109878	53.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.520%	
50) Toluene-d8	10.109	98	418869	53.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.740%	
62) 4-Bromofluorobenzene	12.408	95	142343	53.615	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.220%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	39100	18.570	ug/l	99
3) Chloromethane	2.062	50	58724	19.835	ug/l	98
4) Vinyl Chloride	2.202	62	63109	18.848	ug/l	100
5) Bromomethane	2.592	94	48775	21.359	ug/l	100
6) Chloroethane	2.733	64	42317	19.315	ug/l	99
7) Trichlorofluoromethane	3.056	101	85354	19.900	ug/l	96
8) Diethyl Ether	3.452	74	22782	19.532	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	47070	20.807	ug/l	98
10) Methyl Iodide	4.007	142	49402	19.906	ug/l	98
11) Tert butyl alcohol	4.879	59	13328	93.229	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	41260	19.364	ug/l	94
13) Acrolein	3.653	56	10423	39.929	ug/l	96
14) Allyl chloride	4.385	41	65438	19.262	ug/l	99
15) Acrylonitrile	5.061	53	49726	102.103	ug/l	99
16) Acetone	3.879	43	41808	92.813	ug/l	98
17) Carbon Disulfide	4.104	76	124694	17.767	ug/l	97
18) Methyl Acetate	4.391	43	23812	21.329	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	105716	19.928	ug/l	100
20) Methylene Chloride	4.622	84	49172	19.987	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	45909	19.569	ug/l	96
22) Diisopropyl ether	6.019	45	147751	20.732	ug/l	94
23) Vinyl Acetate	5.964	43	403600	96.806	ug/l	97
24) 1,1-Dichloroethane	5.915	63	86017	20.185	ug/l	99
25) 2-Butanone	6.903	43	61941	96.273	ug/l	93
26) 2,2-Dichloropropane	6.884	77	76083	20.071	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	53491	20.275	ug/l	98
28) Bromochloromethane	7.244	49	37613	20.929	ug/l	97
29) Tetrahydrofuran	7.268	42	40423	97.622	ug/l	100
30) Chloroform	7.421	83	92341	20.834	ug/l	100
31) Cyclohexane	7.701	56	72498	18.663	ug/l #	93
32) 1,1,1-Trichloroethane	7.616	97	81198	20.269	ug/l	99
36) 1,1-Dichloropropene	7.835	75	63431	20.184	ug/l	99
37) Ethyl Acetate	6.988	43	29089	19.613	ug/l	99
38) Carbon Tetrachloride	7.823	117	74707	20.756	ug/l	95
39) Methylcyclohexane	9.110	83	73096	19.471	ug/l	98
40) Benzene	8.079	78	193348	20.544	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	15919	20.211	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	55264	20.829	ug/l	100
43) Isopropyl Acetate	8.201	43	55743	19.833	ug/l	99
44) Trichloroethene	8.866	130	51023	21.278	ug/l	95
45) 1,2-Dichloropropane	9.140	63	45788	20.554	ug/l	99
46) Dibromomethane	9.231	93	26755	20.839	ug/l	98
47) Bromodichloromethane	9.427	83	69684	20.947	ug/l	97
48) Methyl methacrylate	9.219	41	24779	19.209	ug/l	98
49) 1,4-Dioxane	9.231	88	5318	386.662	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	149095	101.936	ug/l	100
52) Toluene	10.170	92	121376	20.671	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	59545	20.151	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	71422	20.488	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	34480	20.869	ug/l	99
56) Ethyl methacrylate	10.439	69	42089	19.950	ug/l	98
57) 1,3-Dichloropropane	10.719	76	59440	20.831	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	110303	107.177	ug/l	99
59) 2-Hexanone	10.762	43	96845	99.421	ug/l	99
60) Dibromochloromethane	10.914	129	47863	21.218	ug/l	99
61) 1,2-Dibromoethane	11.018	107	32484	20.959	ug/l	100
64) Tetrachloroethene	10.646	164	58091	22.416	ug/l	97
65) Chlorobenzene	11.444	112	133358	20.445	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	48802	21.088	ug/l	99
67) Ethyl Benzene	11.518	91	223994	20.026	ug/l	100
68) m/p-Xylenes	11.627	106	176371	41.179	ug/l	99
69) o-Xylene	11.957	106	80317	20.315	ug/l	100
70) Styrene	11.969	104	135980	20.628	ug/l	99
71) Bromoform	12.133	173	28584	21.653	ug/l #	99
73) Isopropylbenzene	12.255	105	214928	19.419	ug/l	100
74) N-amyl acetate	12.072	43	47816	18.408	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	37612	18.901	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	53382	36.139	ug/l #	100
77) Bromobenzene	12.530	156	52488	19.751	ug/l	99
78) n-propylbenzene	12.597	91	263960	19.837	ug/l	99
79) 2-Chlorotoluene	12.676	91	152672	19.754	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	178345	19.716	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12495	19.491	ug/l	96
82) 4-Chlorotoluene	12.780	91	160205	19.883	ug/l	99
83) tert-Butylbenzene	12.999	119	157393	19.535	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	179927	20.125	ug/l	100
85) sec-Butylbenzene	13.176	105	236700	20.103	ug/l	99
86) p-Isopropyltoluene	13.292	119	196169	20.158	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	106425	20.327	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	105957	20.483	ug/l	98
89) n-Butylbenzene	13.615	91	178098	19.788	ug/l	99
90) Hexachloroethane	13.877	117	43793	20.535	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	94315	20.694	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6112	19.817	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	51865	20.984	ug/l	99
94) Hexachlorobutadiene	15.023	225	33165	21.485	ug/l	100
95) Naphthalene	15.145	128	83223	20.314	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	45333	21.509	ug/l	99

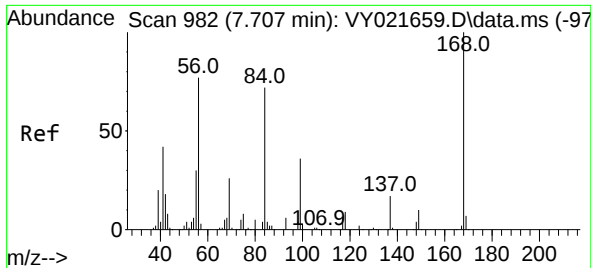
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
Data File : VY021903.D
Acq On : 17 Apr 2025 10:28
Operator : SY/MD
Sample : VY0417SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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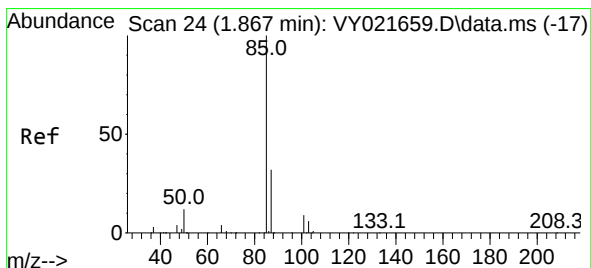
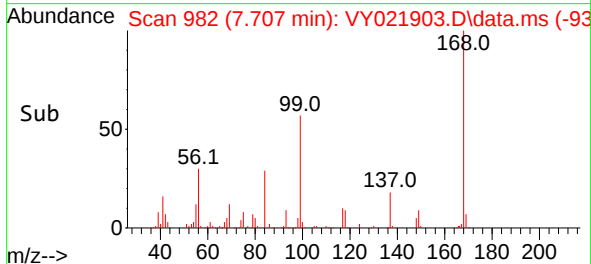
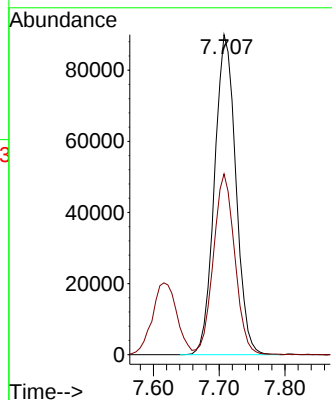
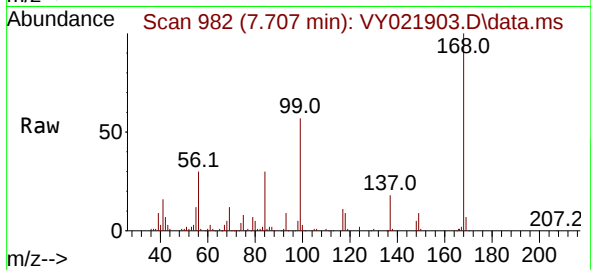
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

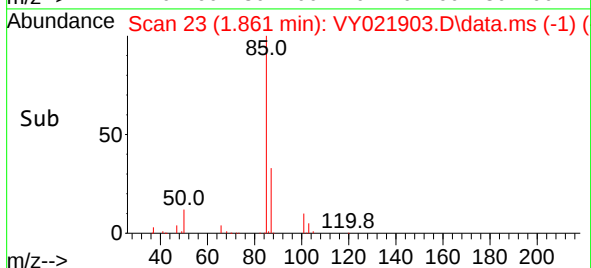
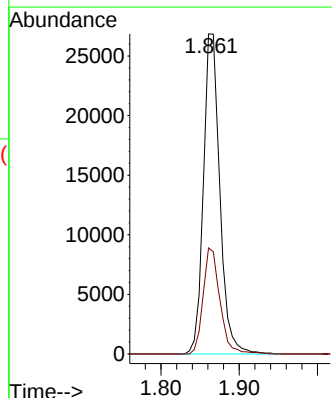
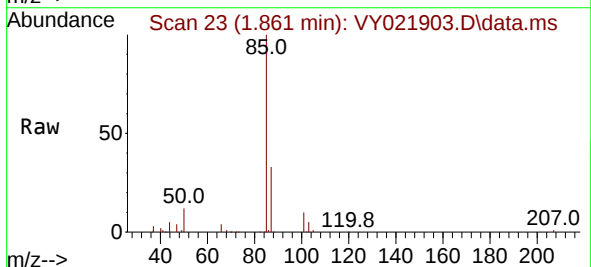
Instrument :
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VY0417SBSD01

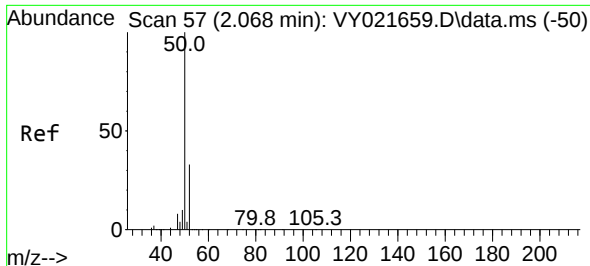
Tgt Ion:168 Resp: 203142
Ion Ratio Lower Upper
168 100
99 56.4 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 18.570 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 85 Resp: 39100
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6

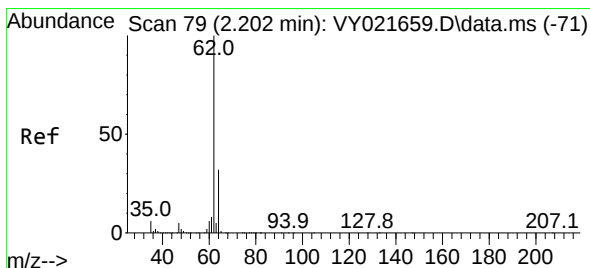
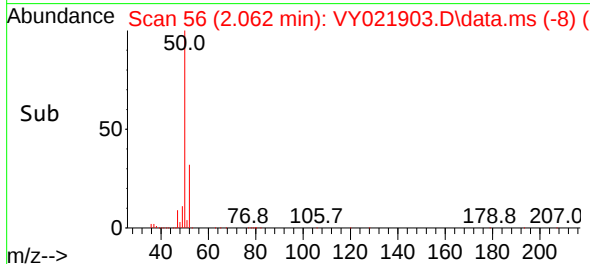
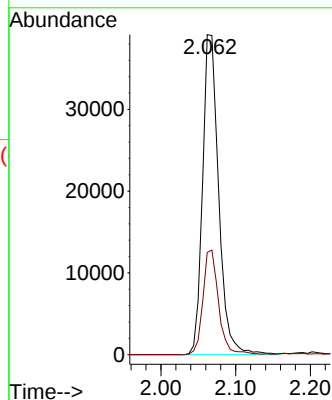
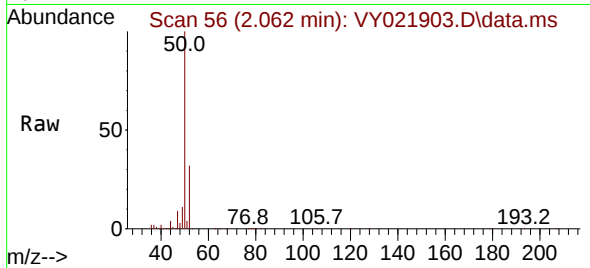




#3
Chloromethane
Concen: 19.835 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

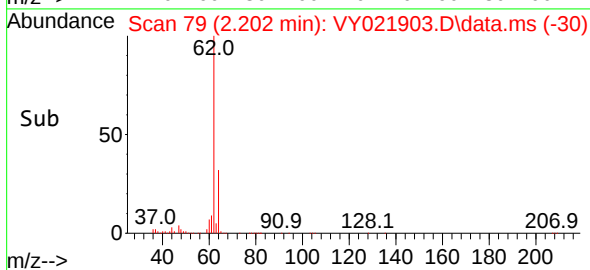
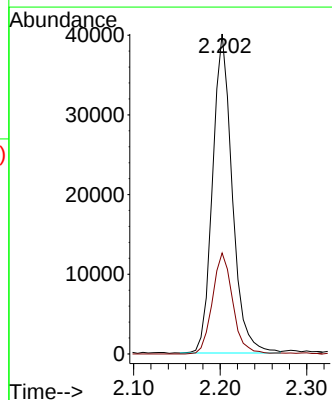
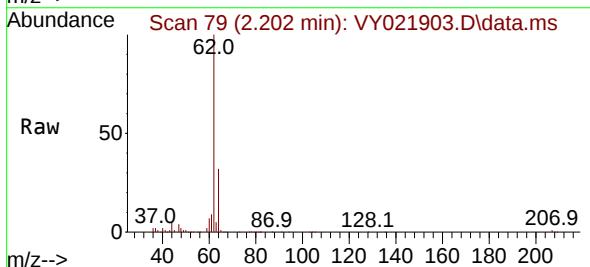
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

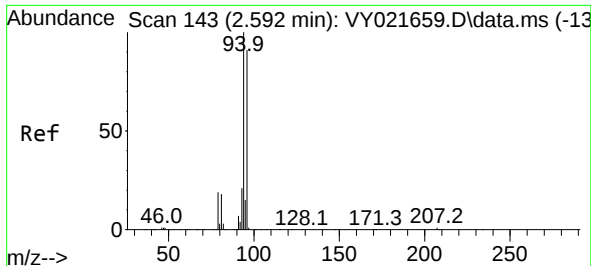
Tgt Ion: 50 Resp: 58724
Ion Ratio Lower Upper
50 100
52 32.0 26.3 39.5



#4
Vinyl Chloride
Concen: 18.848 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 62 Resp: 63109
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

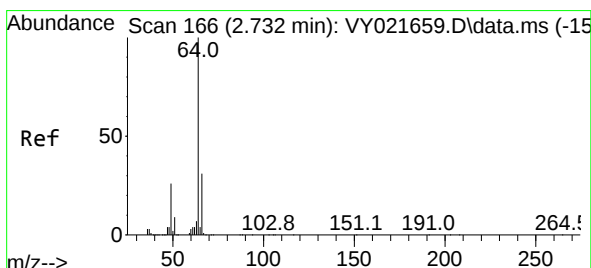
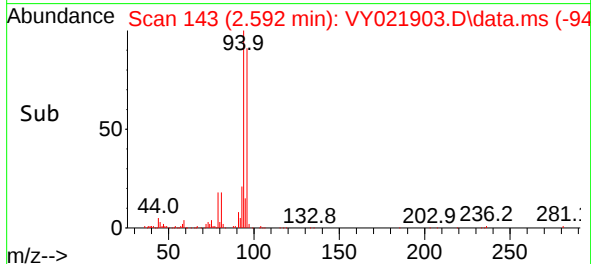
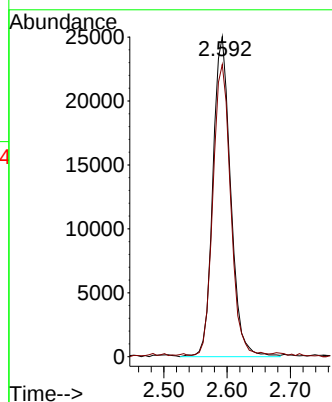
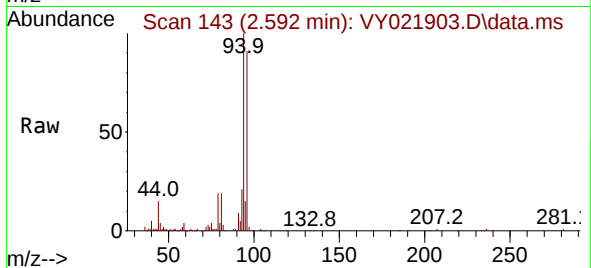




#5
Bromomethane
Concen: 21.359 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

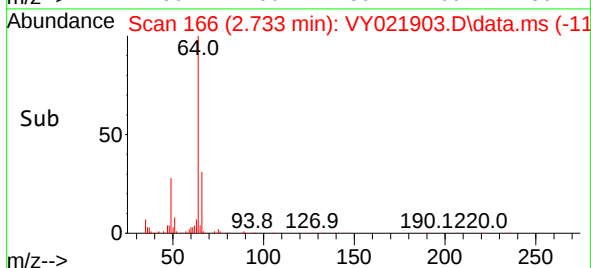
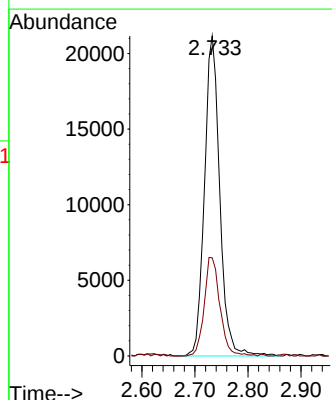
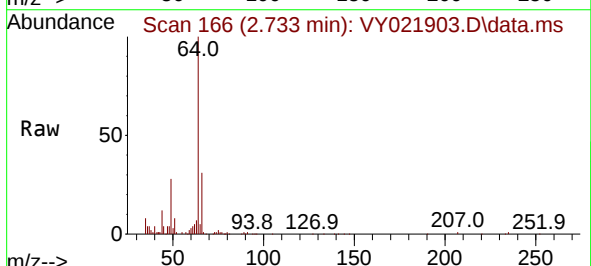
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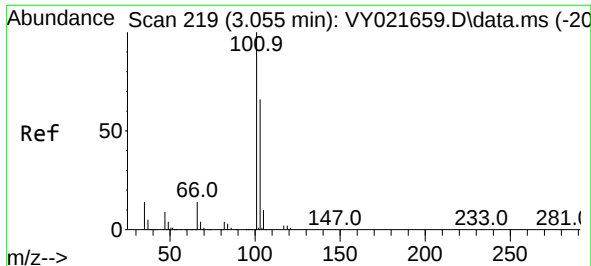
Tgt Ion: 94 Resp: 48775
Ion Ratio Lower Upper
94 100
96 90.6 72.8 109.2



#6
Chloroethane
Concen: 19.315 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 64 Resp: 42317
Ion Ratio Lower Upper
64 100
66 30.7 24.9 37.3

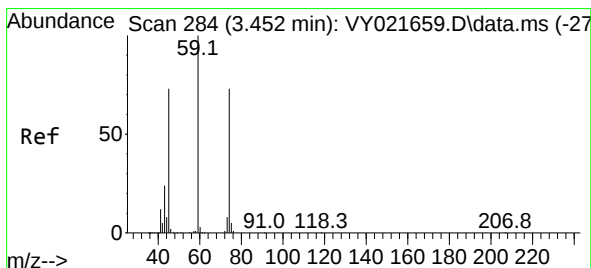
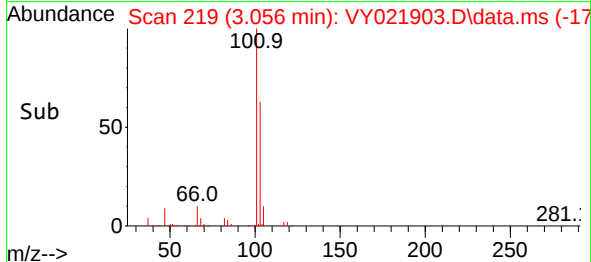
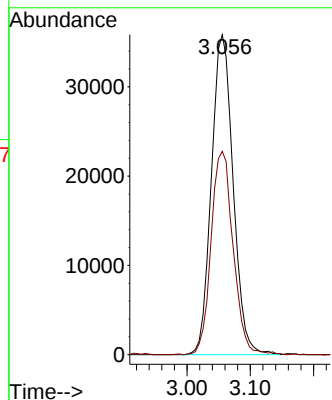
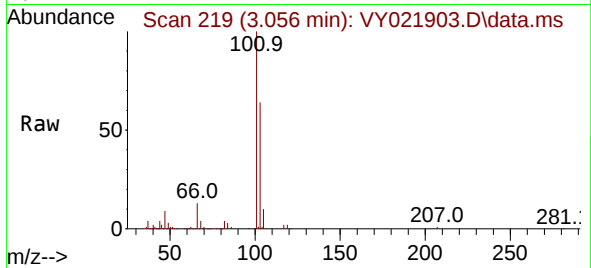




#7
 Trichlorofluoromethane
 Concen: 19.900 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

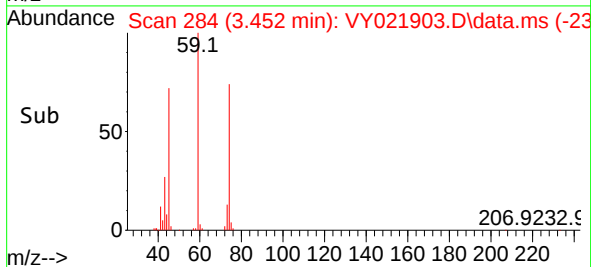
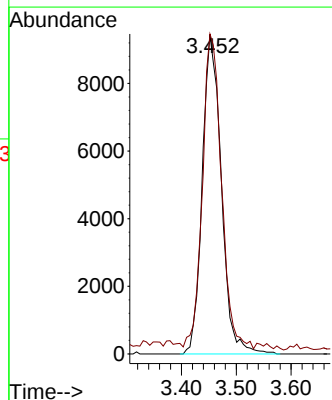
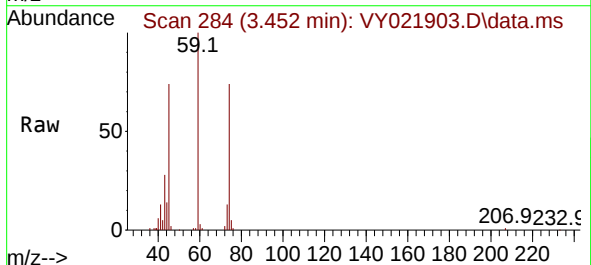
Instrument :
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 ClientSampleId :
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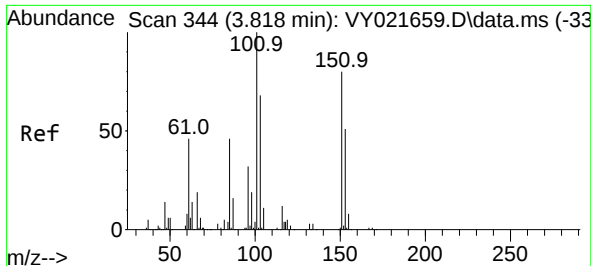
Tgt Ion:101 Resp: 85354
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.532 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

Tgt Ion: 74 Resp: 22782
 Ion Ratio Lower Upper
 74 100
 45 98.3 48.6 145.8

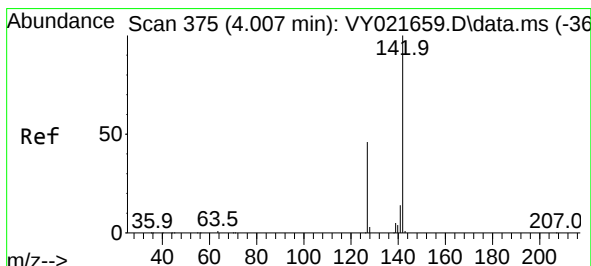
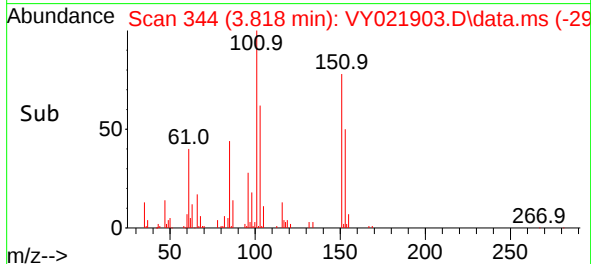
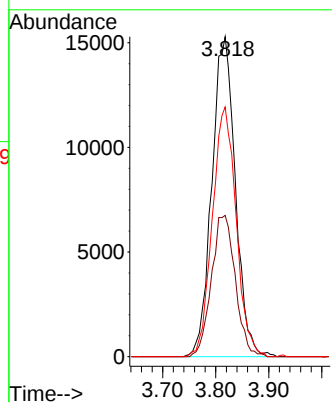
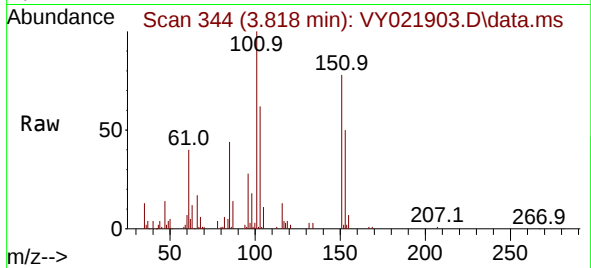




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.807 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021903.D
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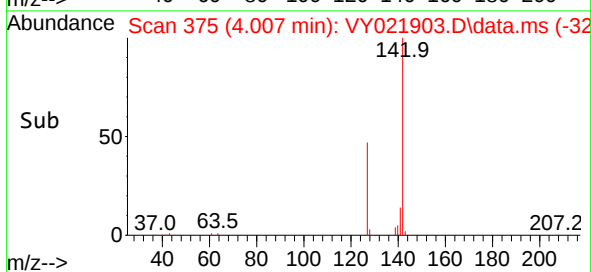
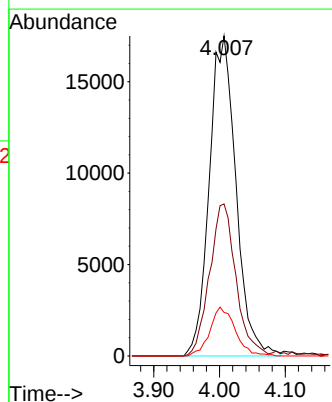
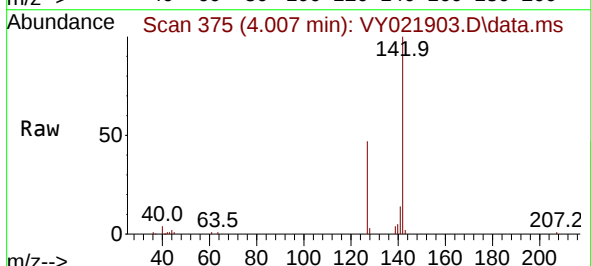
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

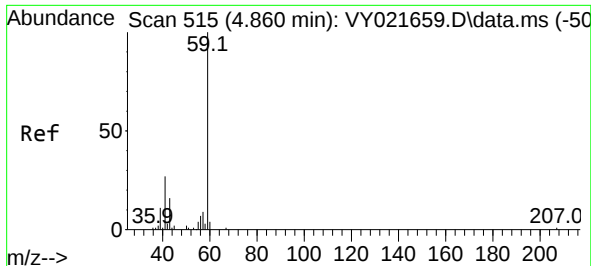
Tgt Ion:101 Resp: 47070
Ion Ratio Lower Upper
101 100
85 44.9 36.3 54.5
151 79.0 61.3 91.9



#10
Methyl Iodide
Concen: 19.906 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion:142 Resp: 49402
Ion Ratio Lower Upper
142 100
127 46.9 38.7 58.1
141 14.5 11.5 17.3

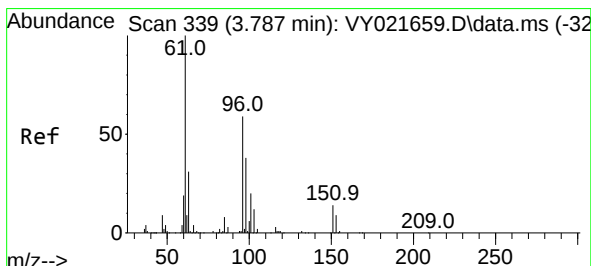
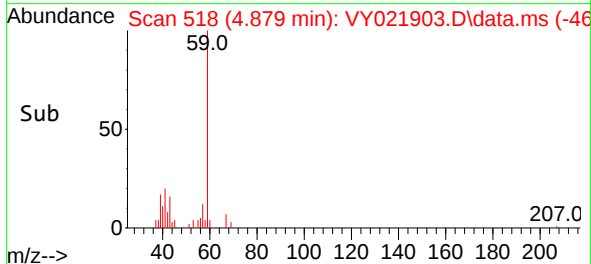
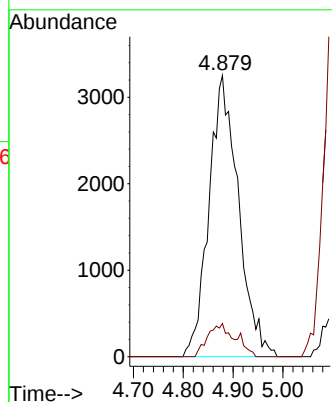
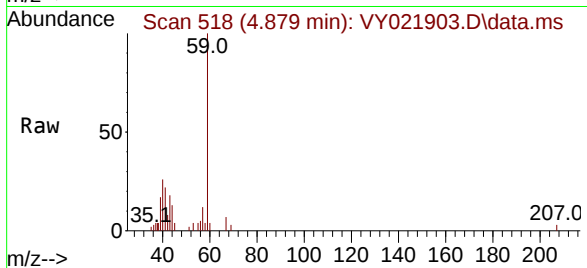




#11
Tert butyl alcohol
Concen: 93.229 ug/l
RT: 4.879 min Scan# 515
Delta R.T. 0.019 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

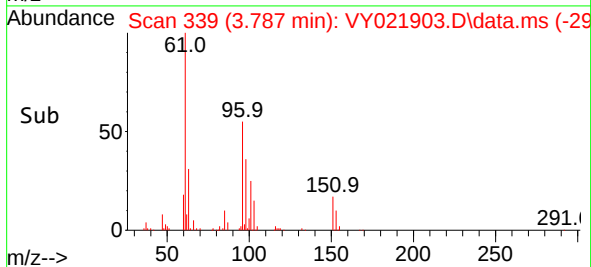
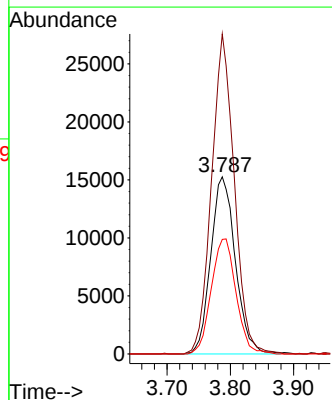
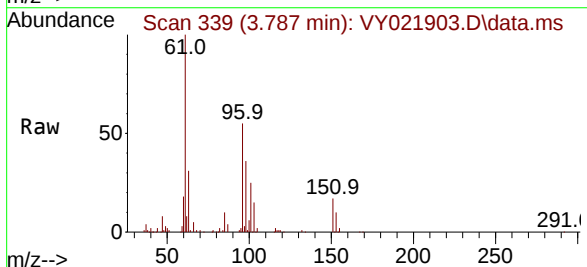
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

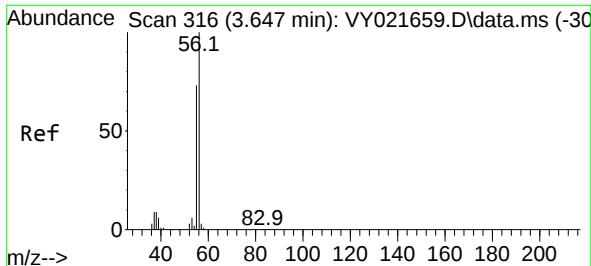
Tgt Ion: 59 Resp: 13328
Ion Ratio Lower Upper
59 100
57 8.8 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 19.364 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 96 Resp: 41260
Ion Ratio Lower Upper
96 100
61 180.7 136.6 204.8
98 64.7 52.3 78.5





#13

Acrolein

Concen: 39.929 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

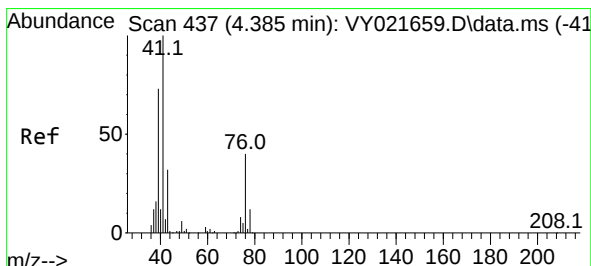
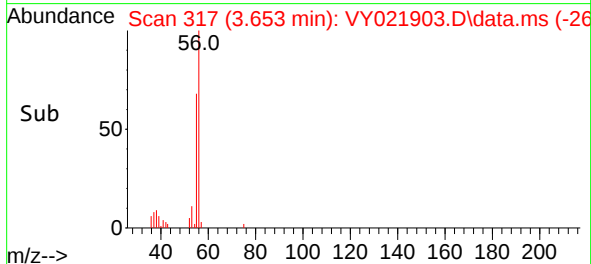
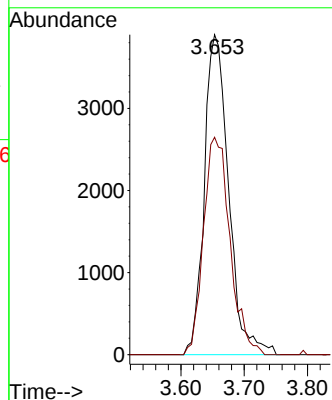
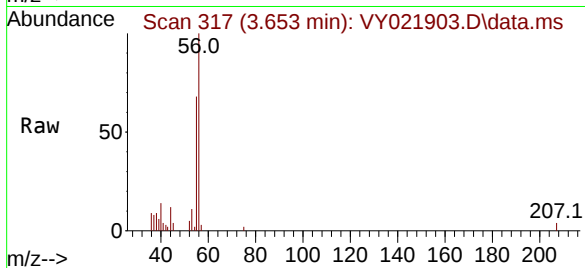
VY0417SBSD01

Tgt Ion: 56 Resp: 10423

Ion Ratio Lower Upper

56 100

55 73.9 56.6 85.0



#14

Allyl chloride

Concen: 19.262 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

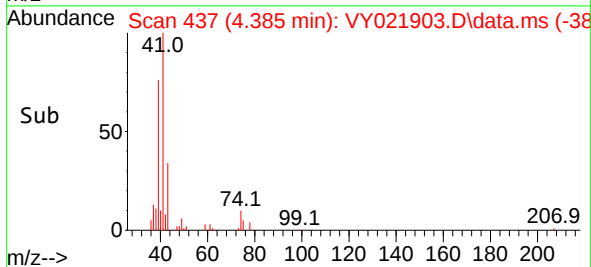
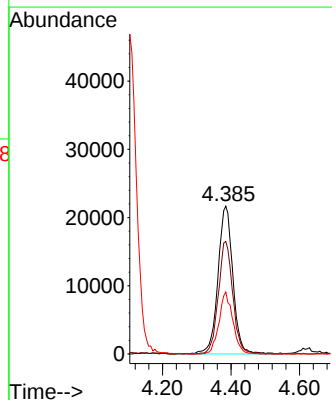
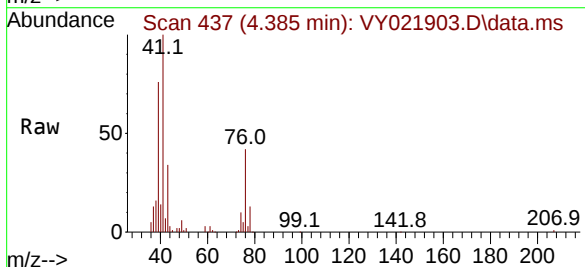
Tgt Ion: 41 Resp: 65438

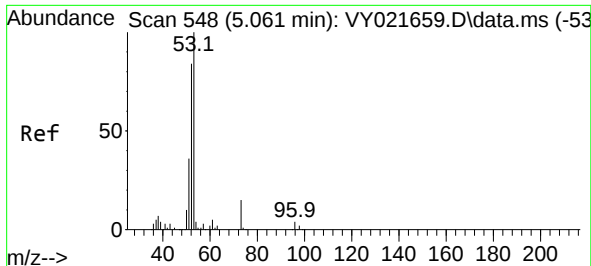
Ion Ratio Lower Upper

41 100

39 73.7 58.6 88.0

76 38.6 30.3 45.5

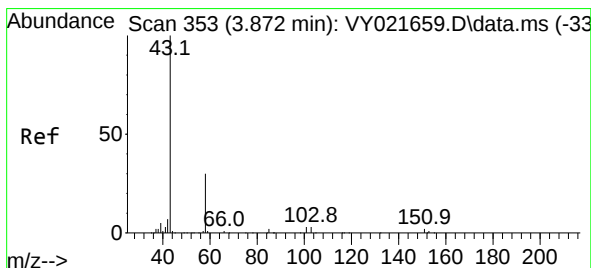
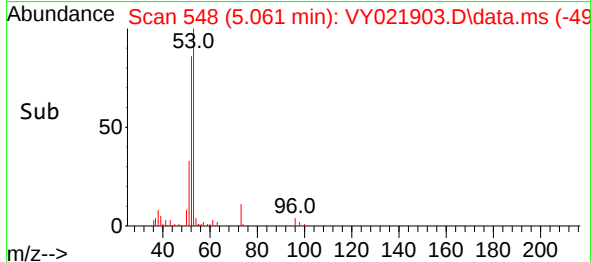
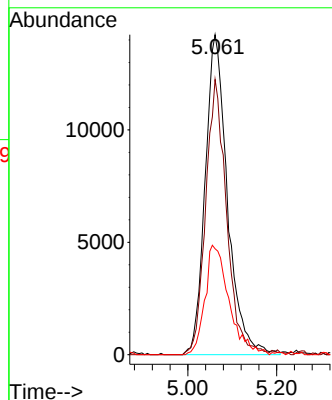
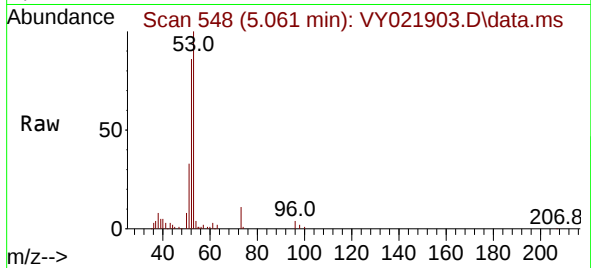




#15
Acrylonitrile
Concen: 102.103 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

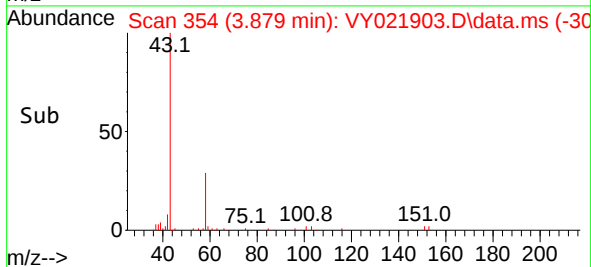
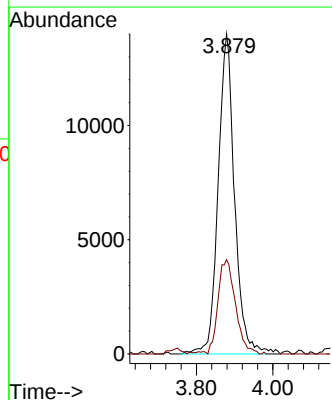
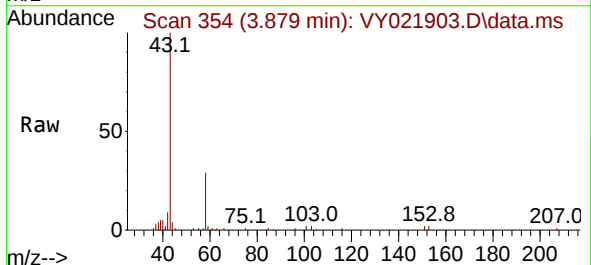
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

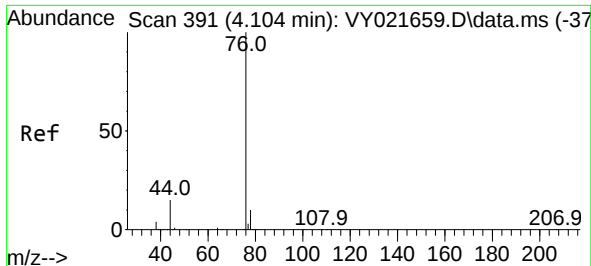
Tgt Ion: 53 Resp: 49726
Ion Ratio Lower Upper
53 100
52 80.4 64.9 97.3
51 36.8 30.2 45.2



#16
Acetone
Concen: 92.813 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 43 Resp: 41808
Ion Ratio Lower Upper
43 100
58 29.4 24.2 36.4

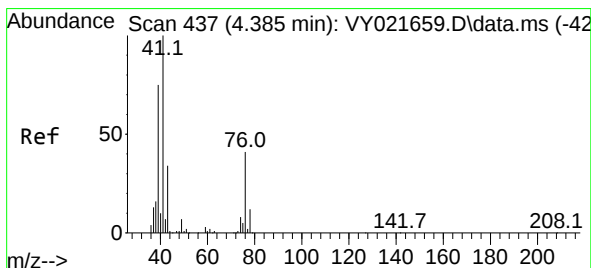
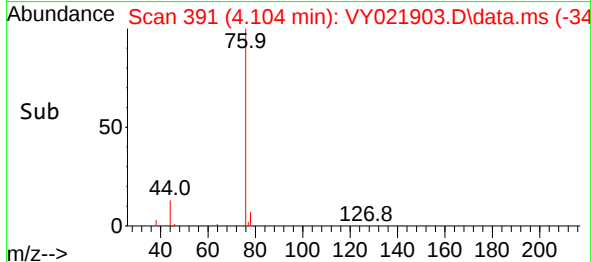
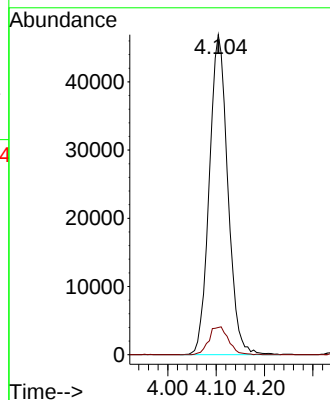
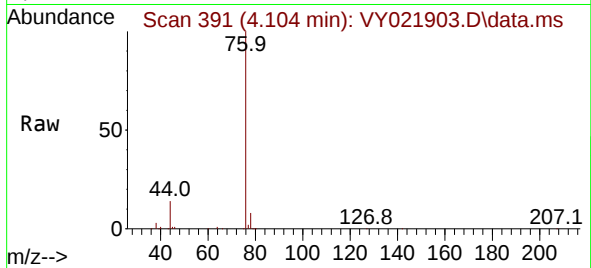




#17
Carbon Disulfide
Concen: 17.767 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

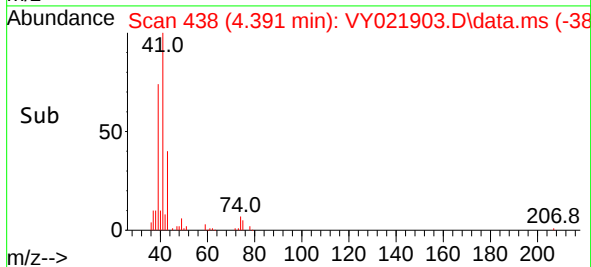
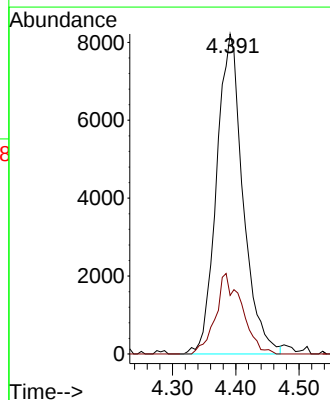
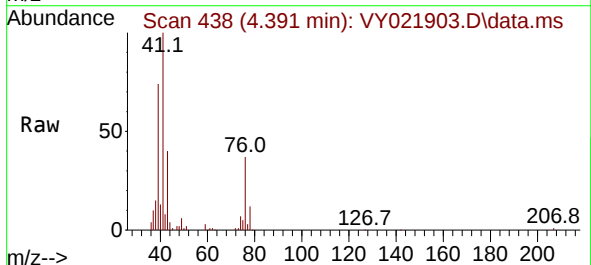
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

Tgt Ion: 76 Resp: 124694
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 21.329 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 43 Resp: 23812
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.928 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

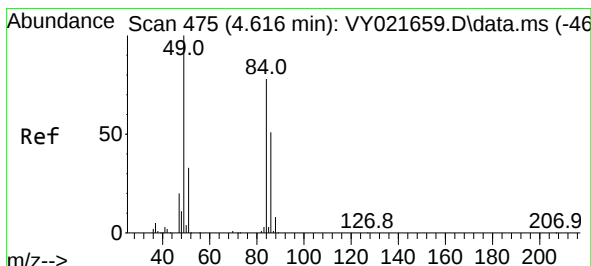
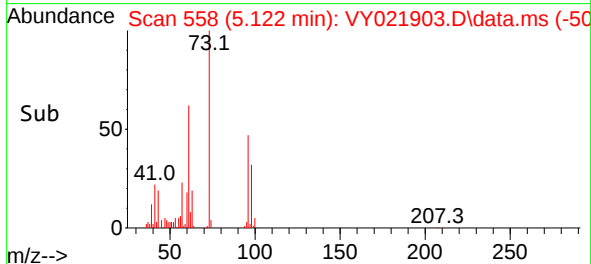
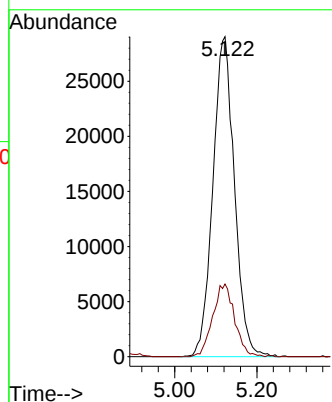
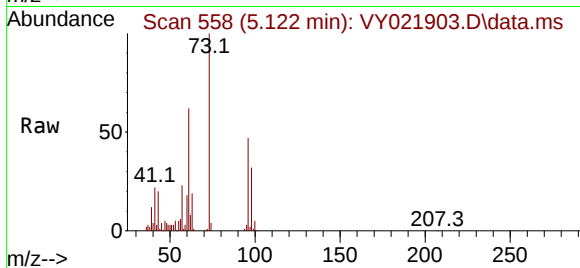
VY0417SBS01

Tgt Ion: 73 Resp: 105716

Ion Ratio Lower Upper

73 100

57 22.7 18.1 27.1



#20

Methylene Chloride

Concen: 19.987 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Tgt Ion: 84 Resp: 49172

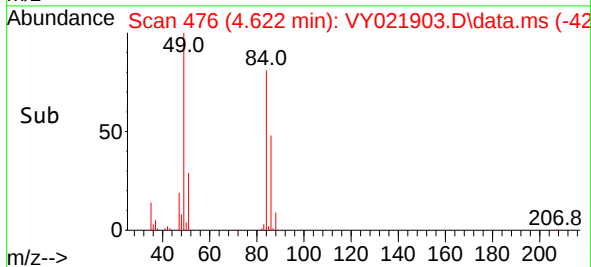
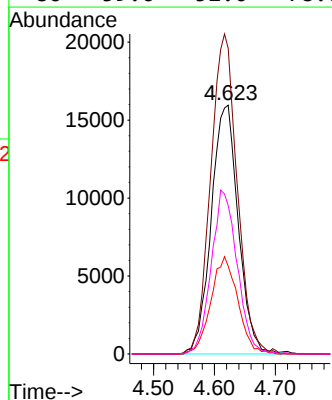
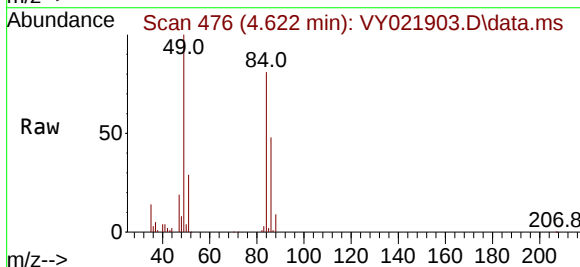
Ion Ratio Lower Upper

84 100

49 122.9 102.8 154.2

51 35.3 33.5 50.3

86 59.6 52.0 78.0

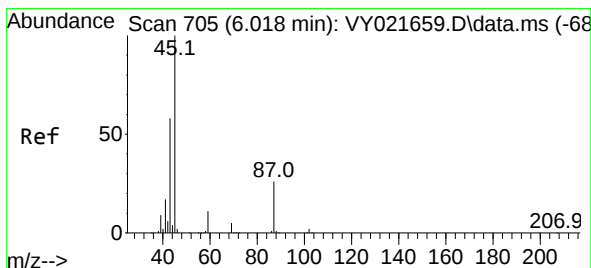
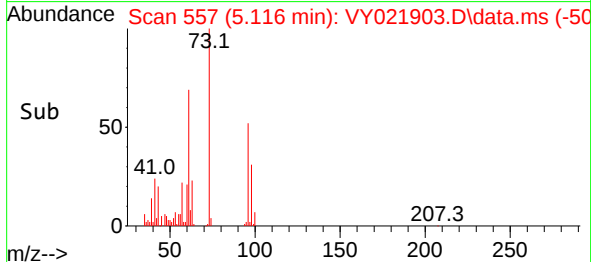
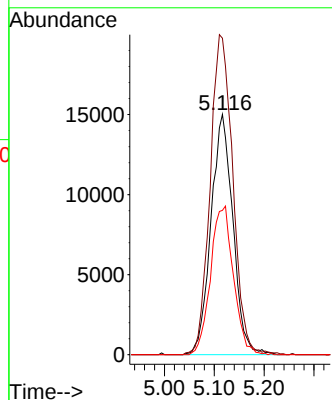
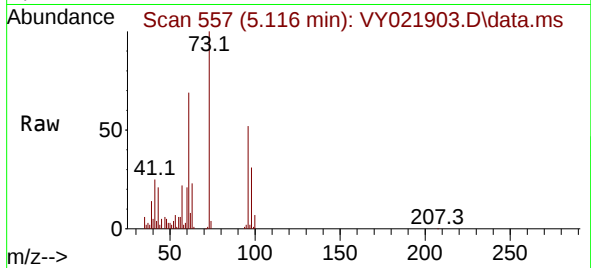




#21
trans-1,2-Dichloroethene
Concen: 19.569 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

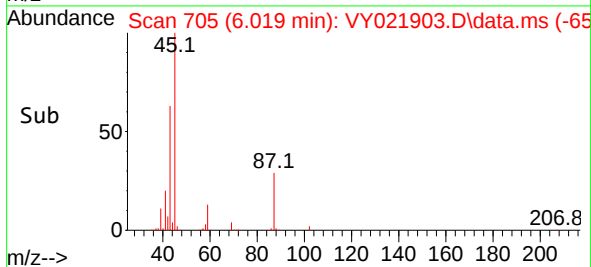
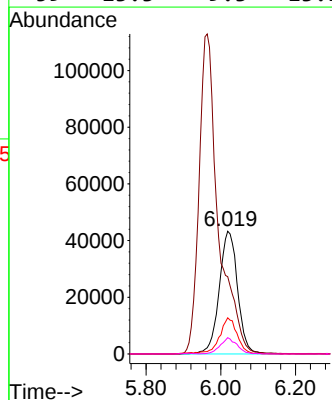
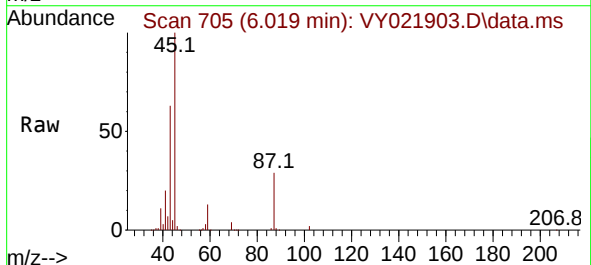
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

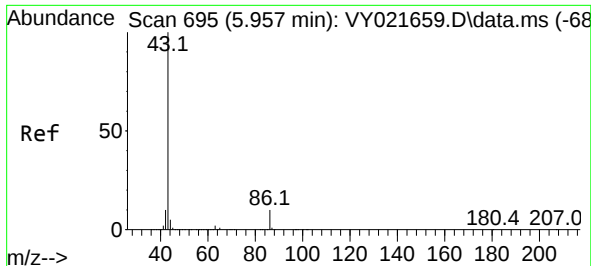
Tgt Ion: 96 Resp: 45909
Ion Ratio Lower Upper
96 100
61 131.7 109.4 164.0
98 60.0 50.2 75.2



#22
Diisopropyl ether
Concen: 20.732 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 45 Resp: 147751
Ion Ratio Lower Upper
45 100
43 62.9 46.6 69.8
87 29.4 20.7 31.1
59 13.3 9.3 13.9

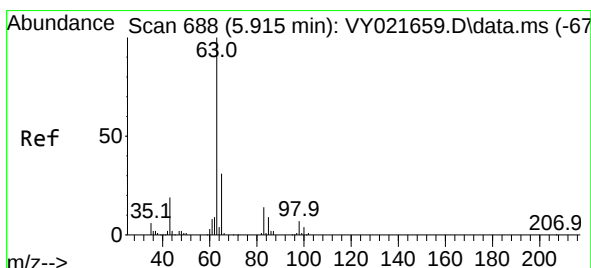
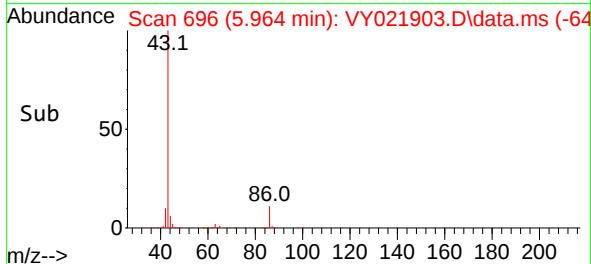
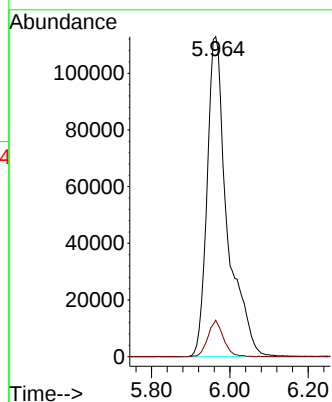
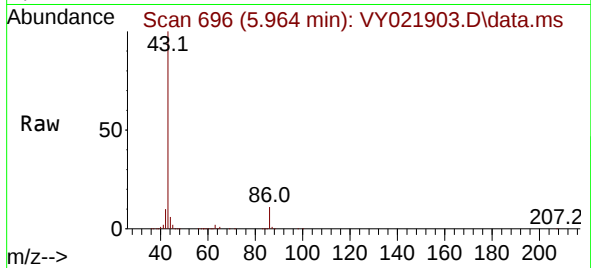




#23
 Vinyl Acetate
 Concen: 96.806 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

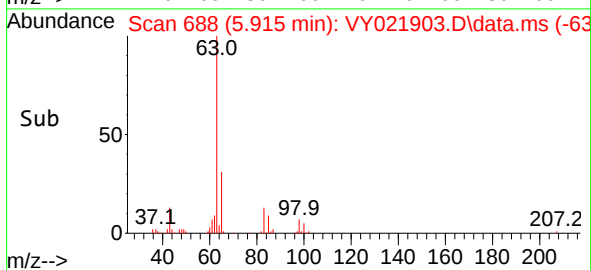
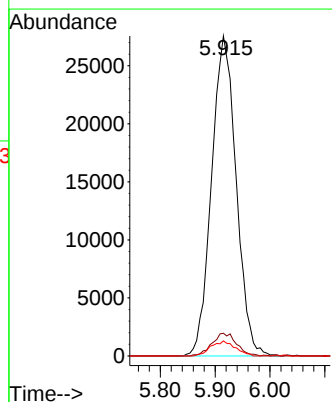
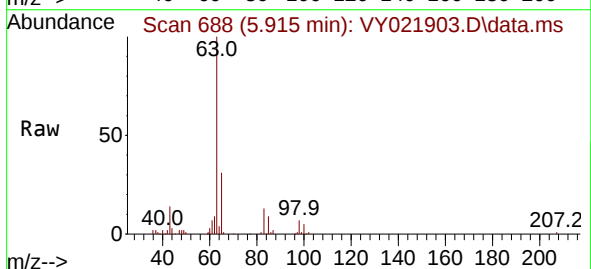
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

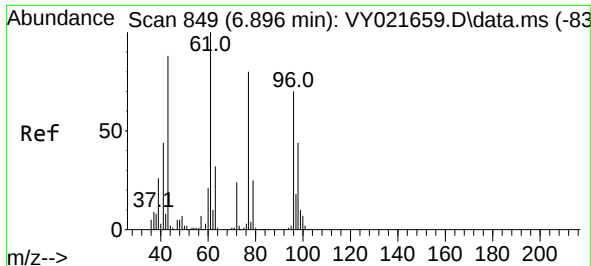
Tgt Ion: 43 Resp: 403600
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.185 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

Tgt Ion: 63 Resp: 86017
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.7 2.2 6.6

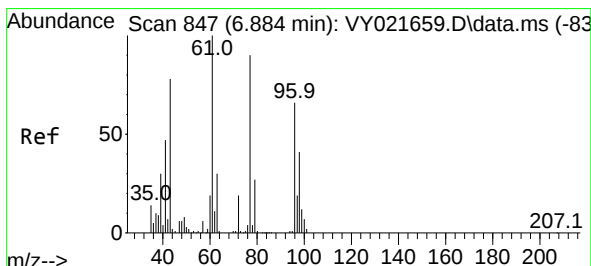
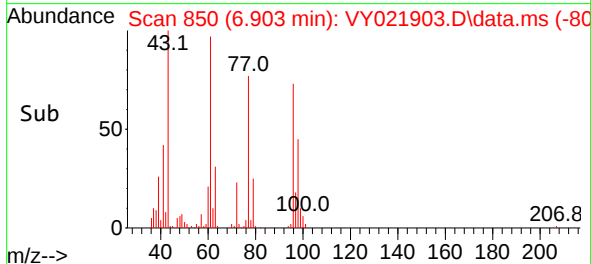
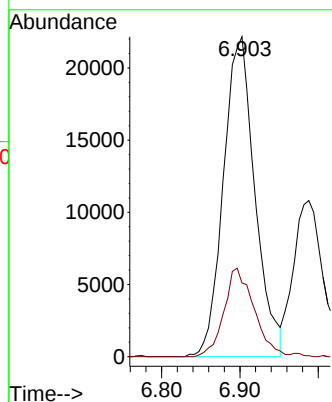
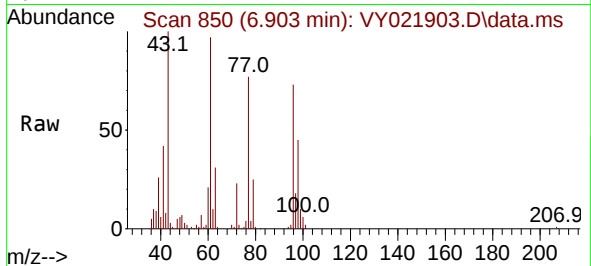




#25
2-Butanone
Concen: 96.273 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

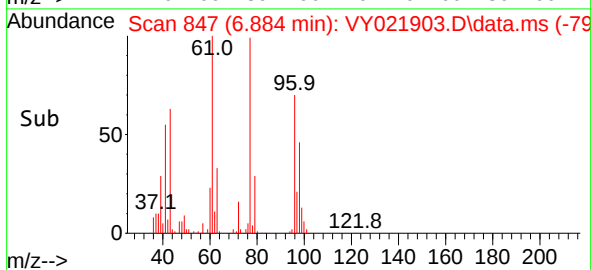
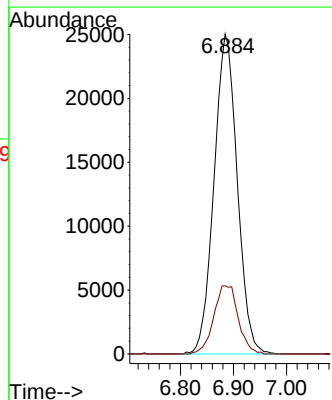
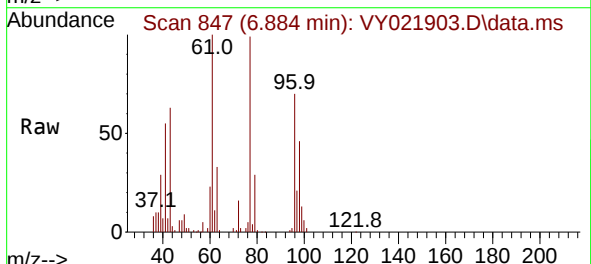
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

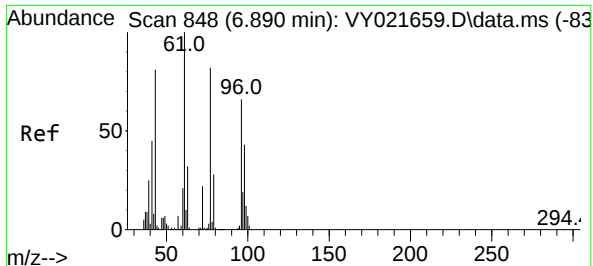
Tgt Ion: 43 Resp: 61941
Ion Ratio Lower Upper
43 100
72 23.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.071 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 77 Resp: 76083
Ion Ratio Lower Upper
77 100
97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.275 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBSD01

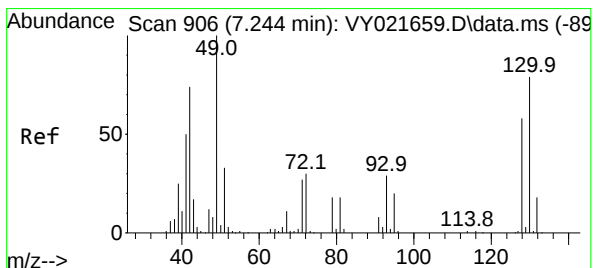
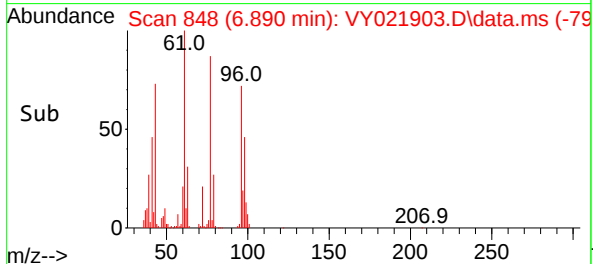
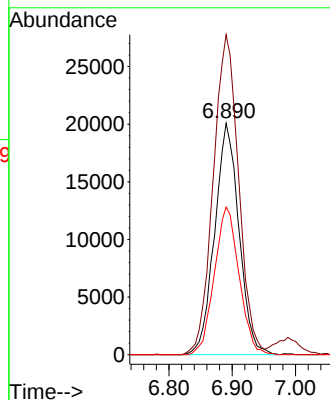
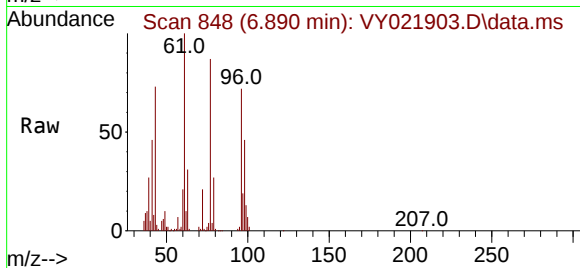
Tgt Ion: 96 Resp: 53491

Ion Ratio Lower Upper

96 100

61 144.5 0.0 296.4

98 65.0 0.0 128.0



#28

Bromochloromethane

Concen: 20.929 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

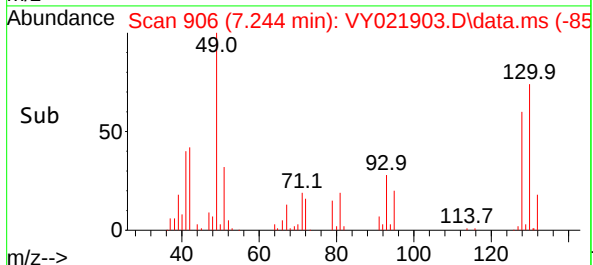
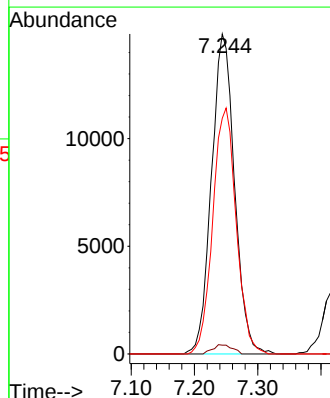
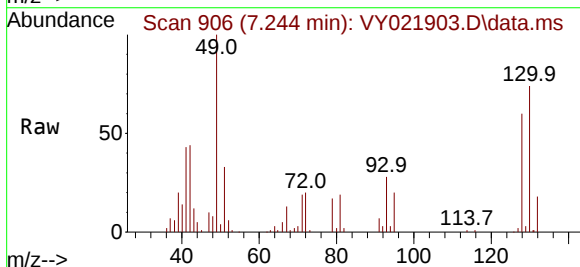
Tgt Ion: 49 Resp: 37613

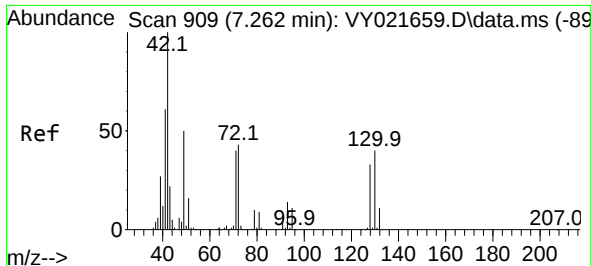
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 78.1 60.1 90.1





#29

Tetrahydrofuran

Concen: 97.622 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBSD01

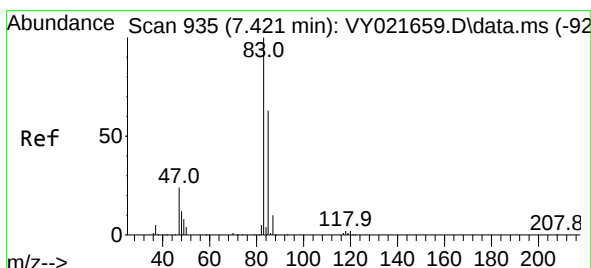
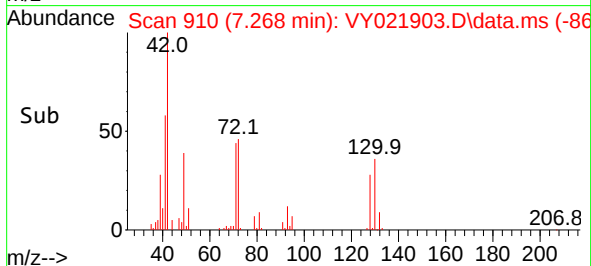
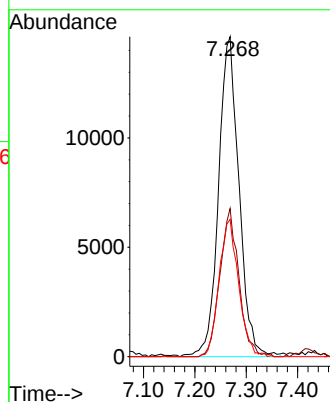
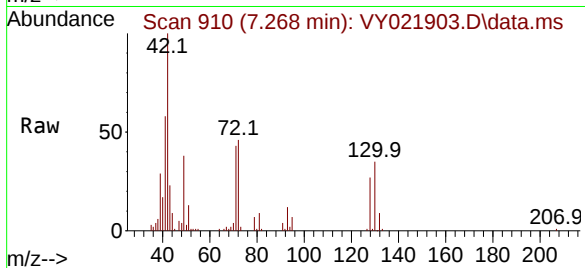
Tgt Ion: 42 Resp: 40423

Ion Ratio Lower Upper

42 100

72 43.1 34.6 52.0

71 41.0 32.5 48.7



#30

Chloroform

Concen: 20.834 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021903.D

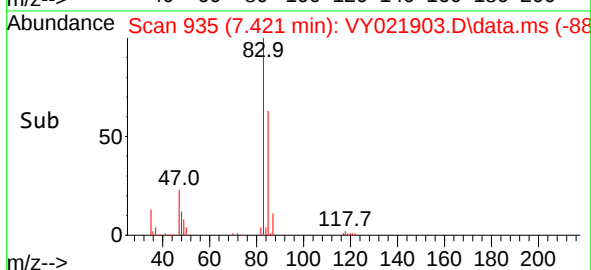
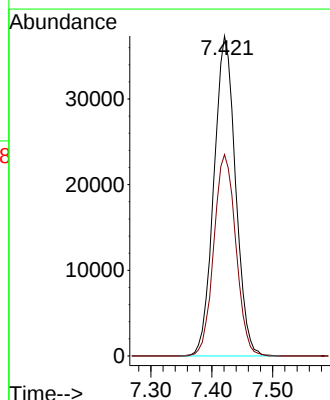
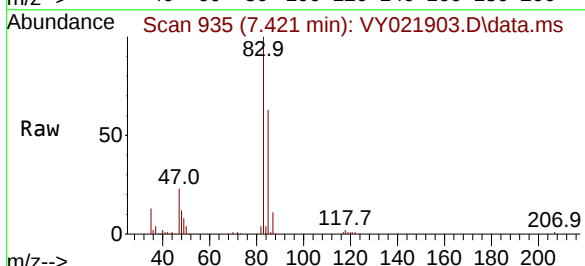
Acq: 17 Apr 2025 10:28

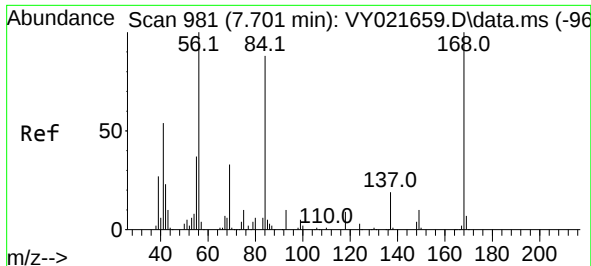
Tgt Ion: 83 Resp: 92341

Ion Ratio Lower Upper

83 100

85 63.0 50.6 75.8

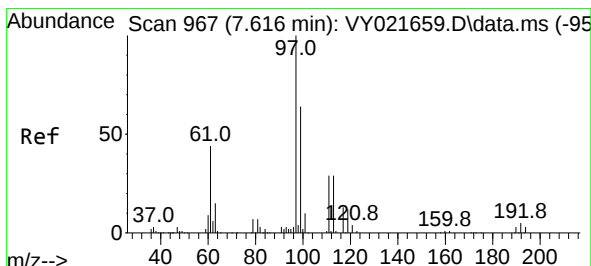
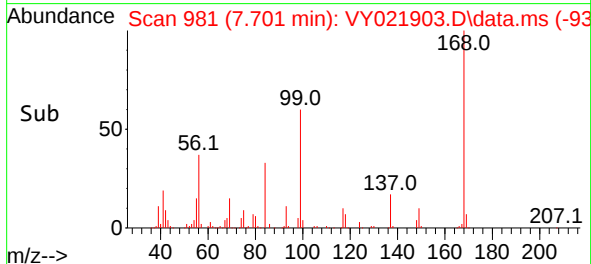
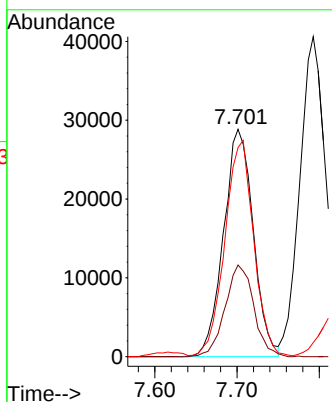
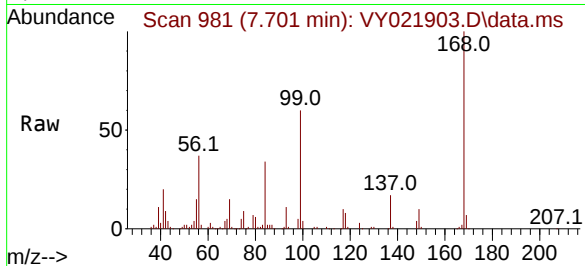




#31
Cyclohexane
Concen: 18.663 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

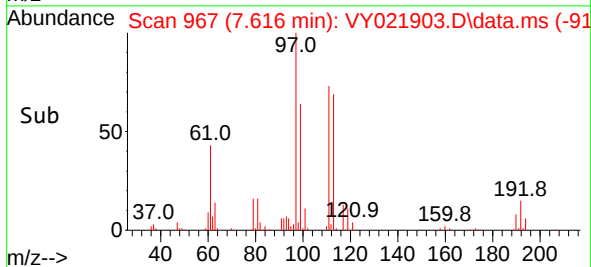
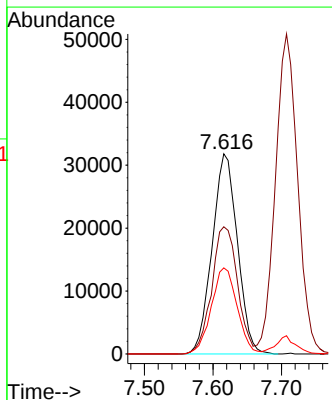
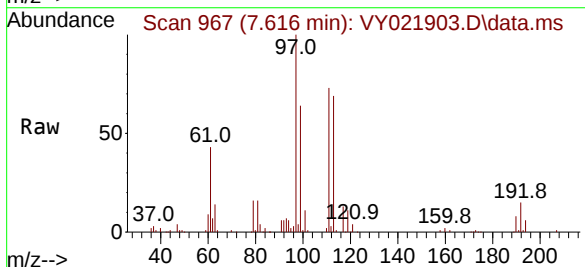
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

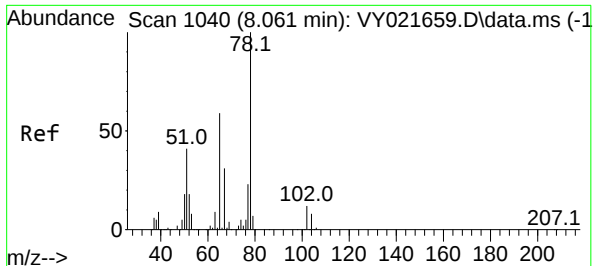
Tgt Ion: 56 Resp: 72498
Ion Ratio Lower Upper
56 100
69 40.3 26.6 40.0#
84 90.3 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 20.269 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 97 Resp: 81198
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 44.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.198 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

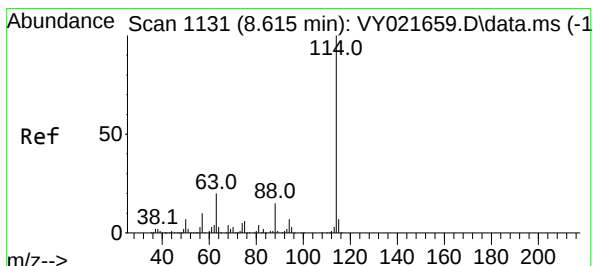
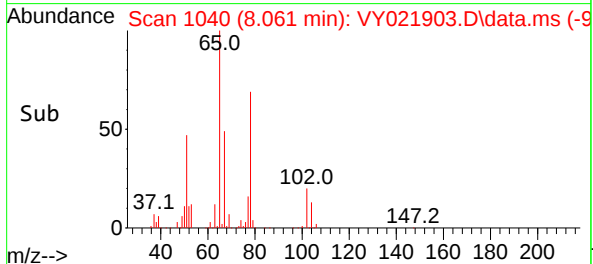
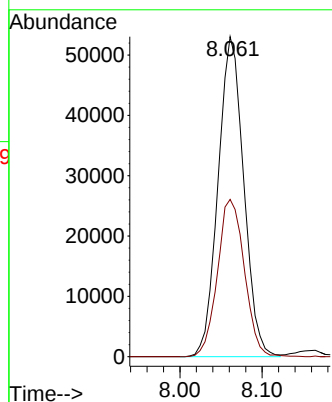
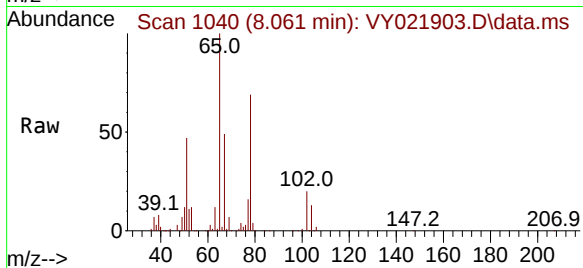
VY0417SBS01

Tgt Ion: 65 Resp: 114888

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

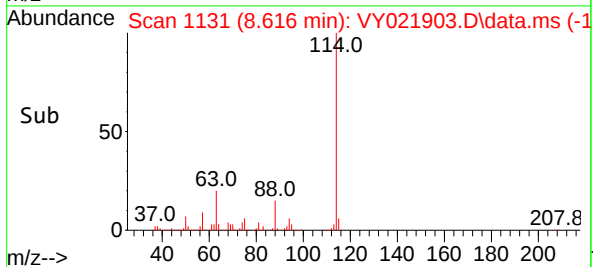
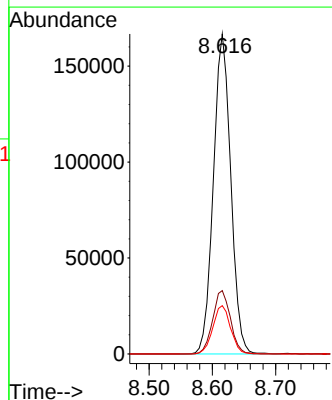
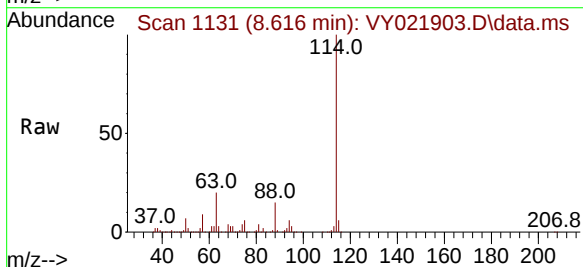
Tgt Ion: 114 Resp: 318060

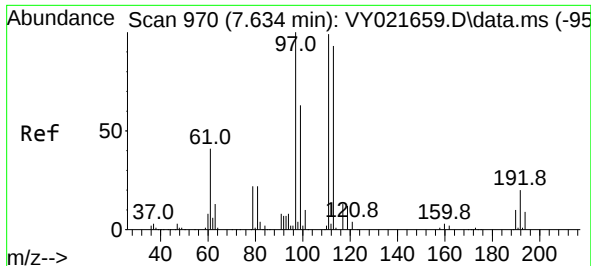
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.1 0.0 29.8

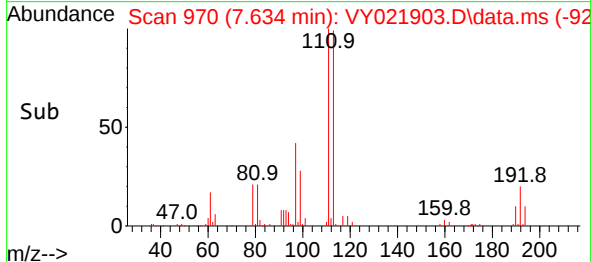
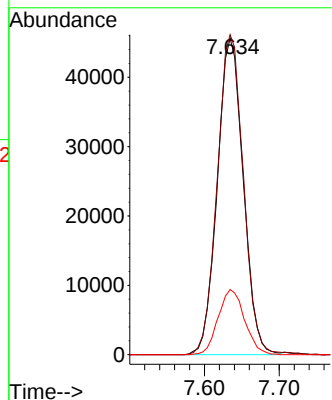
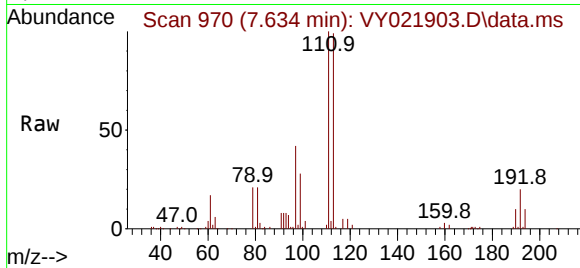




#35
Dibromofluoromethane
Concen: 53.256 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

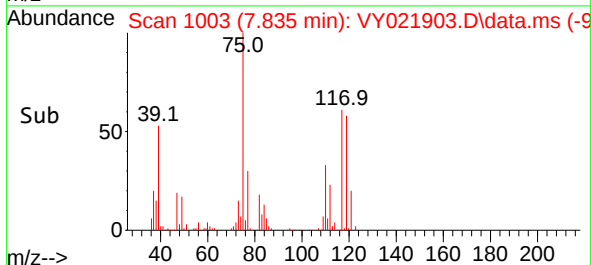
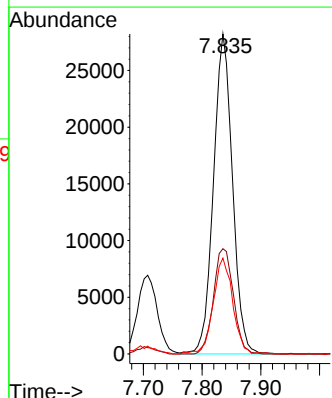
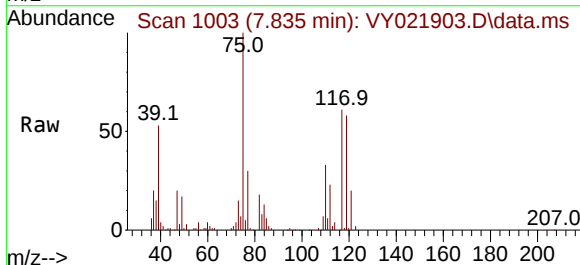
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

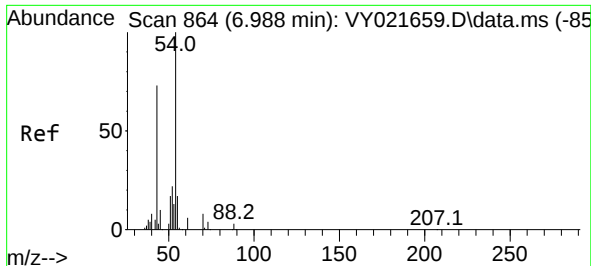
Tgt Ion:113 Resp: 109878
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 21.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.184 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 75 Resp: 63431
Ion Ratio Lower Upper
75 100
110 34.5 17.0 50.9
77 30.6 24.8 37.2





#37

Ethyl Acetate

Concen: 19.613 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

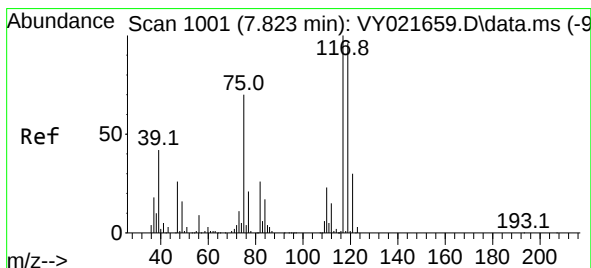
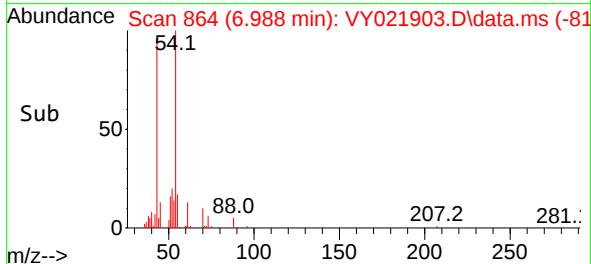
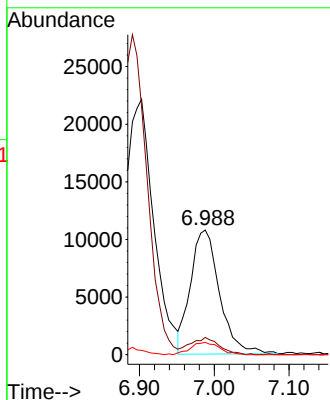
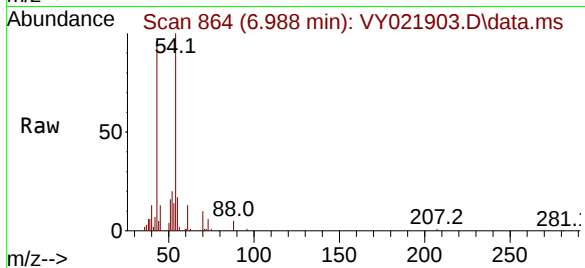
Tgt Ion: 43 Resp: 29089

Ion Ratio Lower Upper

43 100

61 14.0 11.0 16.6

70 9.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.756 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

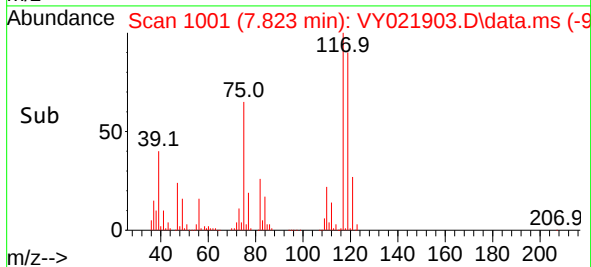
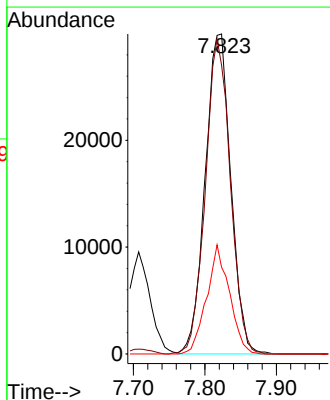
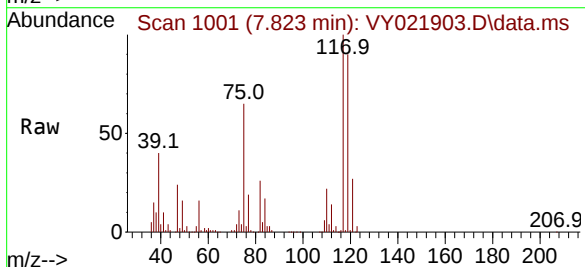
Tgt Ion: 117 Resp: 74707

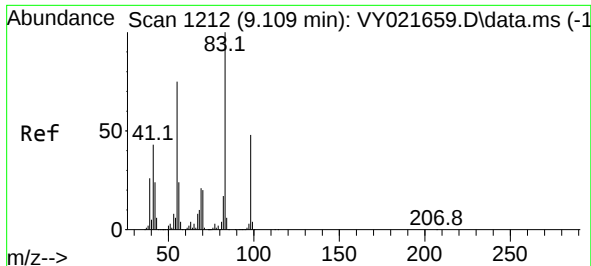
Ion Ratio Lower Upper

117 100

119 90.3 76.2 114.4

121 27.1 24.2 36.4





#39

Methylcyclohexane

Concen: 19.471 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBSD01

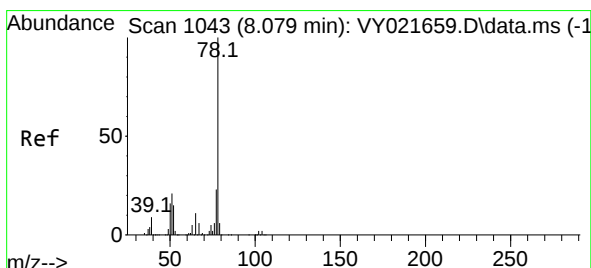
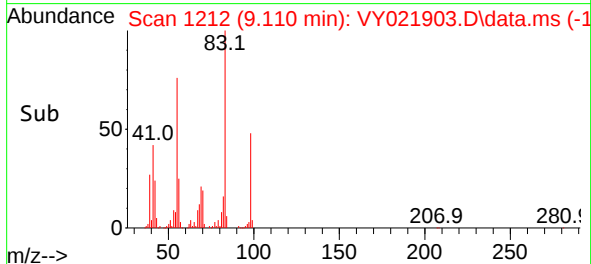
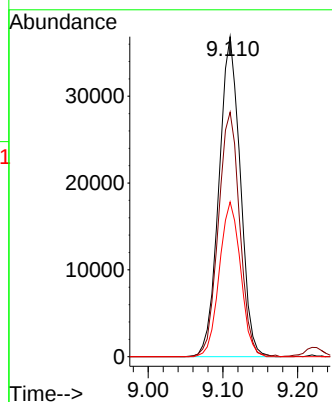
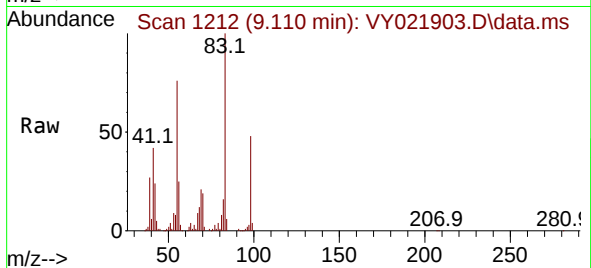
Tgt Ion: 83 Resp: 73096

Ion Ratio Lower Upper

83 100

55 76.4 59.7 89.5

98 48.4 38.3 57.5



#40

Benzene

Concen: 20.544 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021903.D

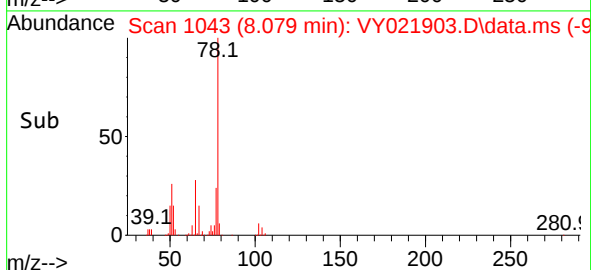
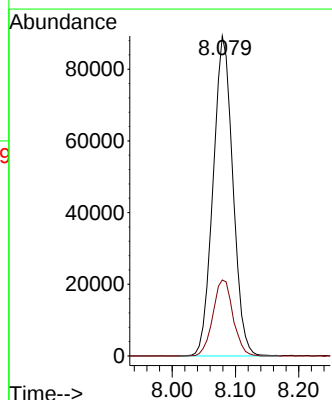
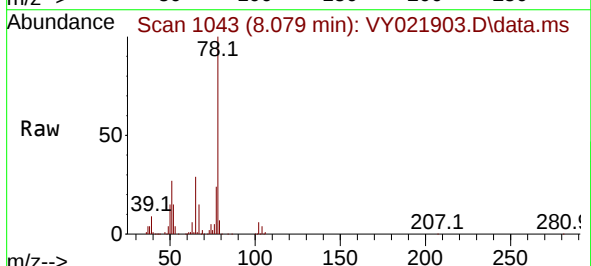
Acq: 17 Apr 2025 10:28

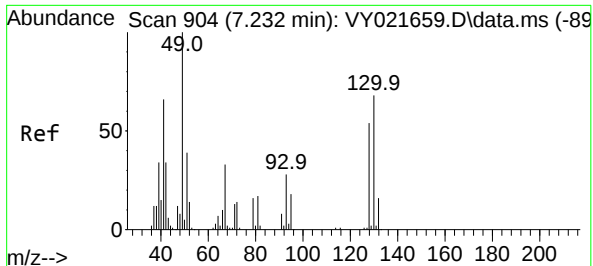
Tgt Ion: 78 Resp: 193348

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

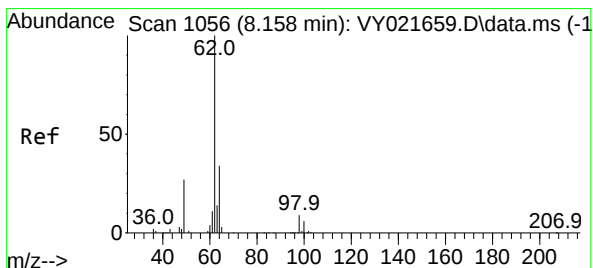
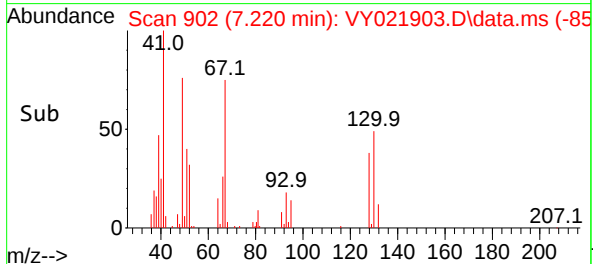
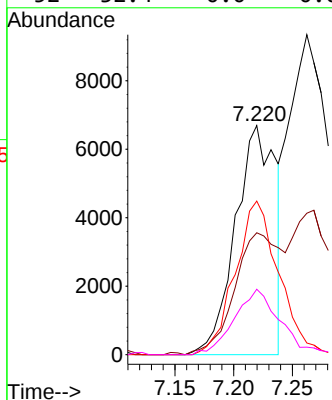
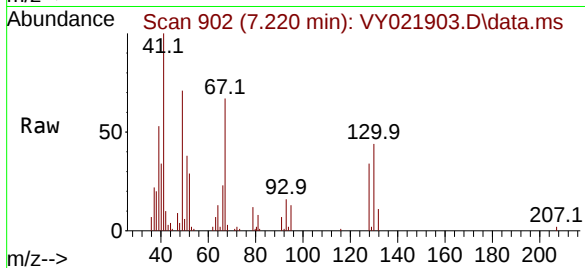




#41
Methacrylonitrile
Concen: 20.211 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

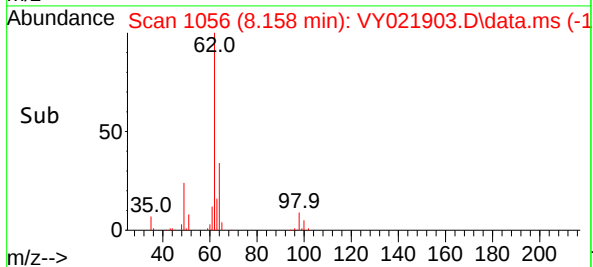
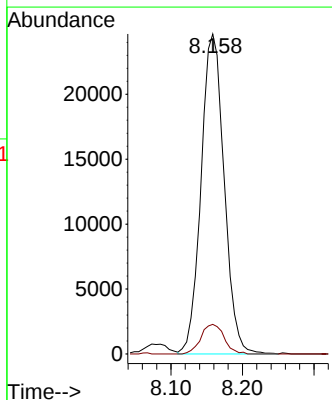
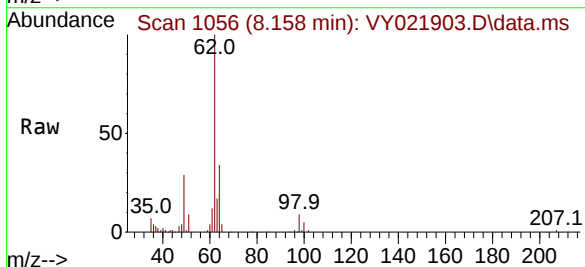
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

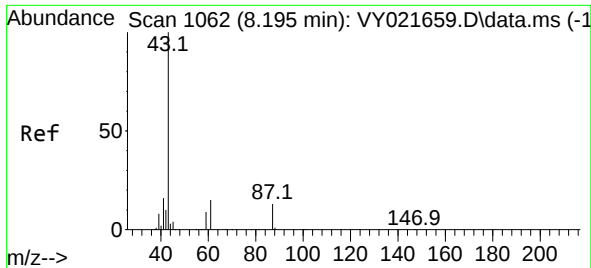
Tgt Ion: 41 Resp: 15919
Ion Ratio Lower Upper
41 100
39 63.2 0.0 0.0#
67 73.0 0.0 0.0#
52 32.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.829 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 62 Resp: 55264
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 19.833 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBSD01

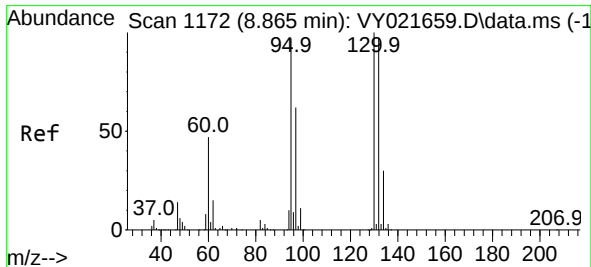
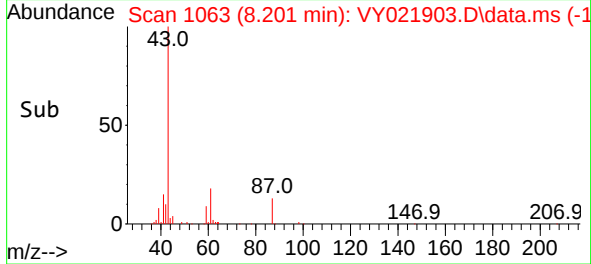
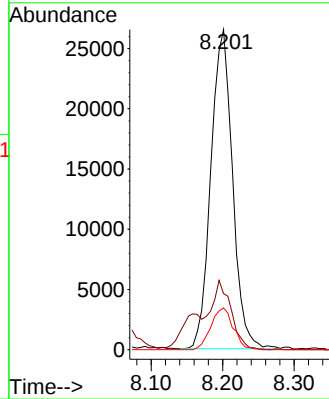
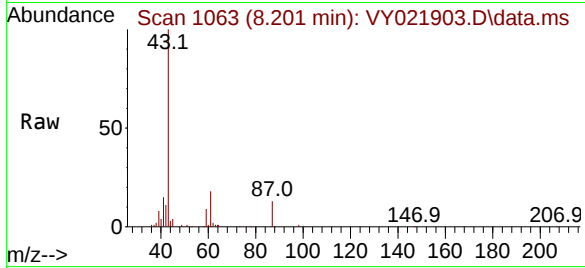
Tgt Ion: 43 Resp: 55743

Ion Ratio Lower Upper

43 100

61 20.6 15.9 23.9

87 13.5 10.4 15.6



#44

Trichloroethene

Concen: 21.278 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021903.D

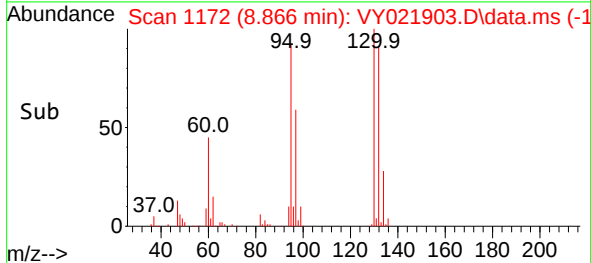
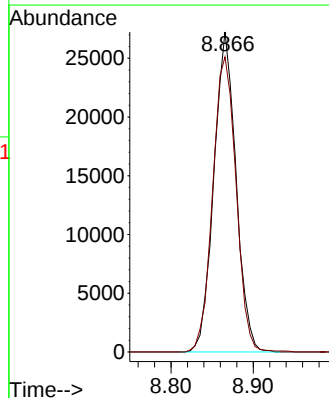
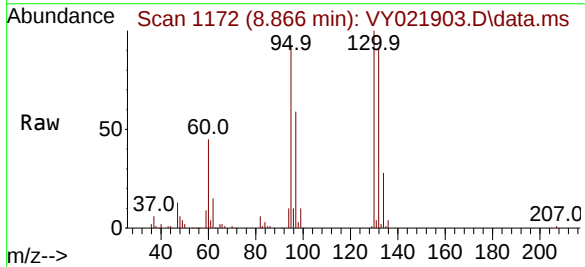
Acq: 17 Apr 2025 10:28

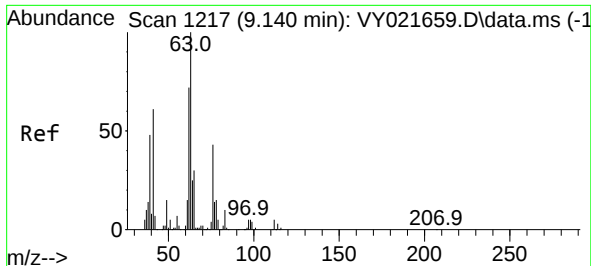
Tgt Ion:130 Resp: 51023

Ion Ratio Lower Upper

130 100

95 92.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.554 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

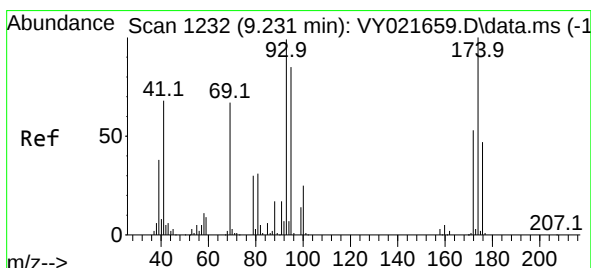
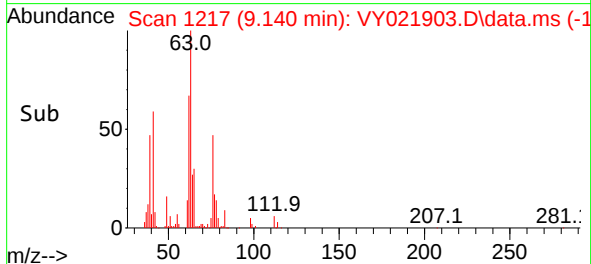
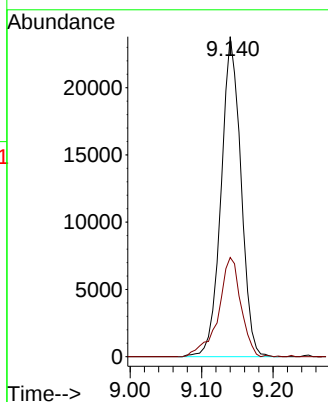
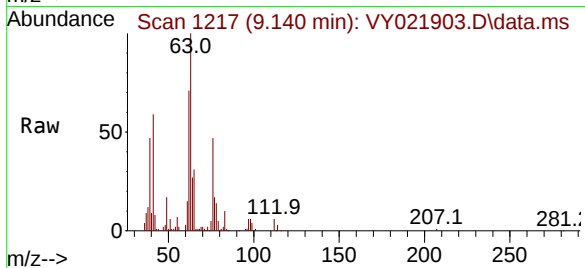
VY0417SBSD01

Tgt Ion: 63 Resp: 45788

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



#46

Dibromomethane

Concen: 20.839 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

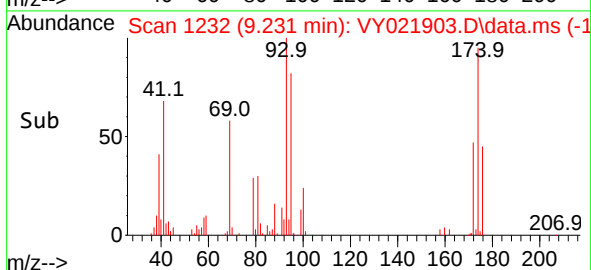
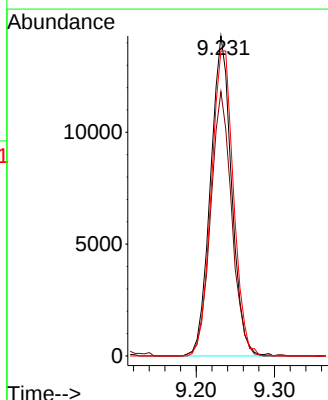
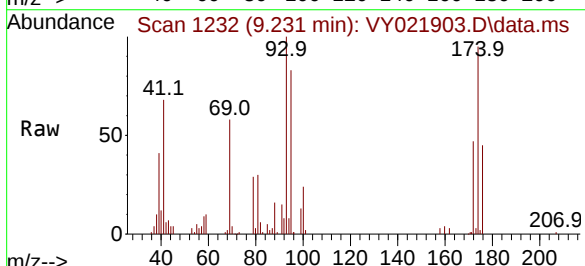
Tgt Ion: 93 Resp: 26755

Ion Ratio Lower Upper

93 100

95 82.4 68.1 102.1

174 100.4 80.9 121.3

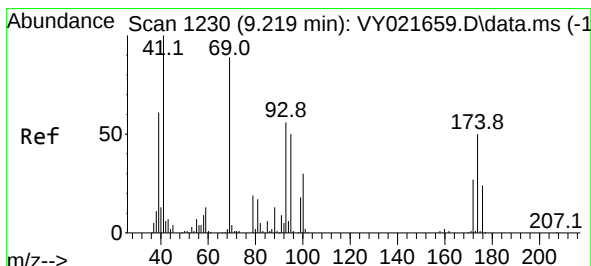
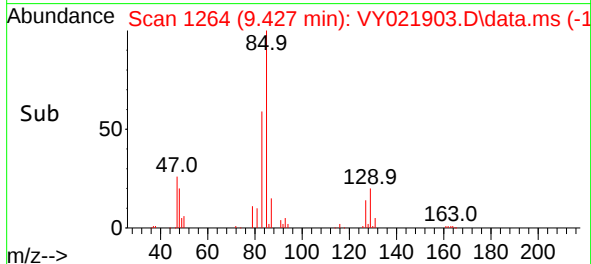
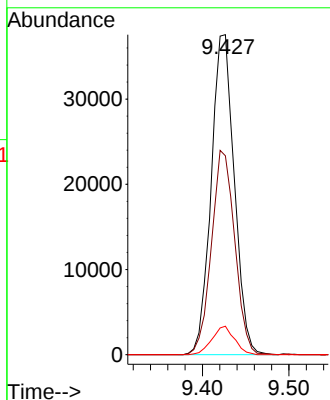
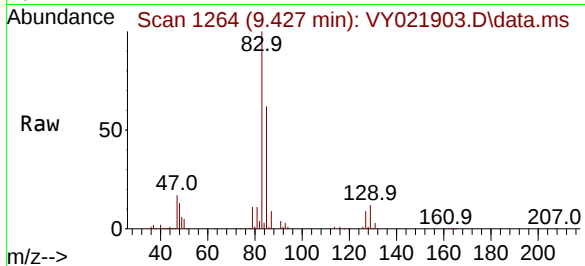




#47
Bromodichloromethane
Concen: 20.947 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

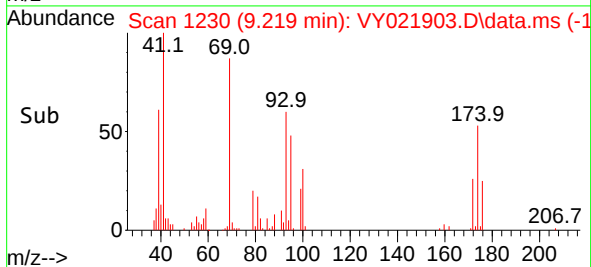
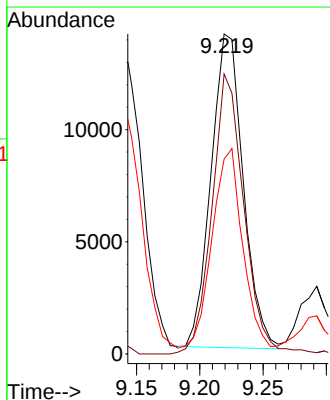
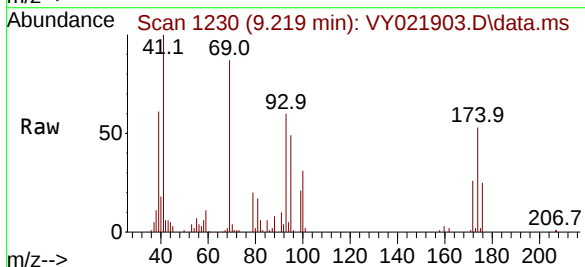
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

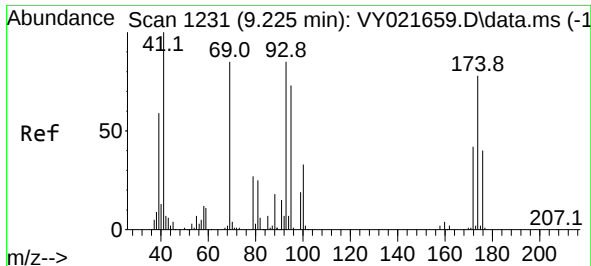
Tgt Ion: 83 Resp: 69684
Ion Ratio Lower Upper
83 100
85 62.2 51.8 77.6
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 19.209 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 41 Resp: 24779
Ion Ratio Lower Upper
41 100
69 88.8 69.8 104.8
39 61.1 47.2 70.8





#49

1,4-Dioxane

Concen: 386.662 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBSD01

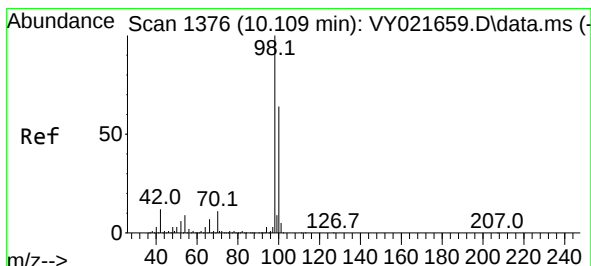
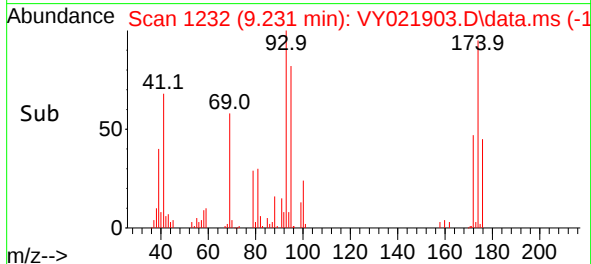
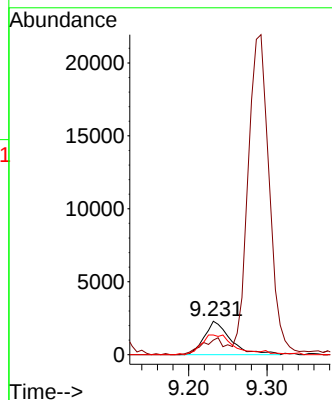
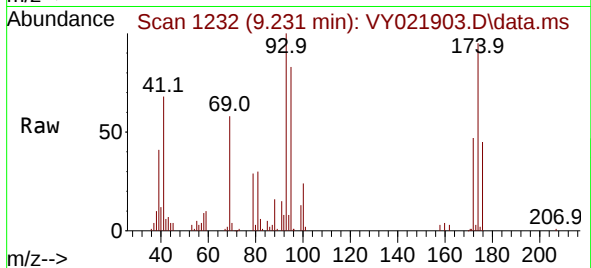
Tgt Ion: 88 Resp: 5318

Ion Ratio Lower Upper

88 100

43 37.0 28.8 43.2

58 76.7 59.4 89.2



#50

Toluene-d8

Concen: 53.366 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021903.D

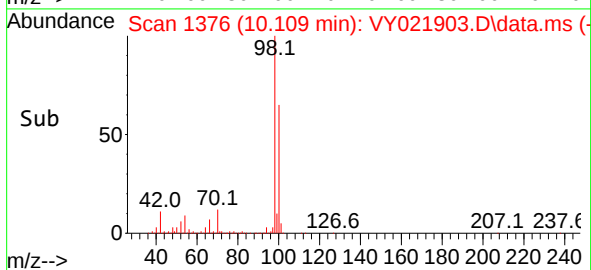
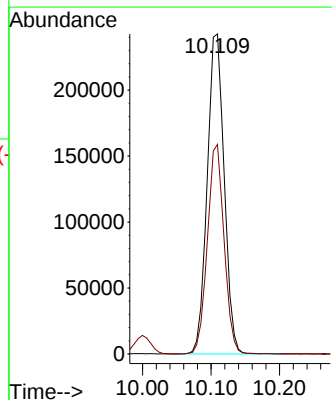
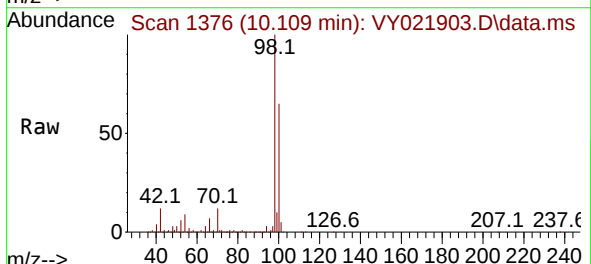
Acq: 17 Apr 2025 10:28

Tgt Ion: 98 Resp: 418869

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 101.936 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

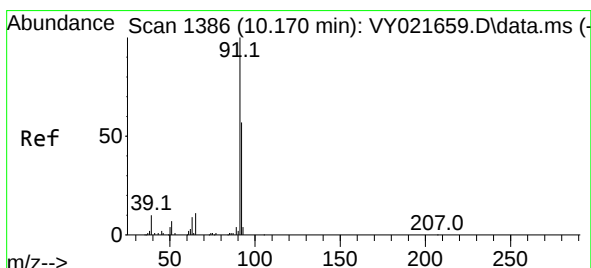
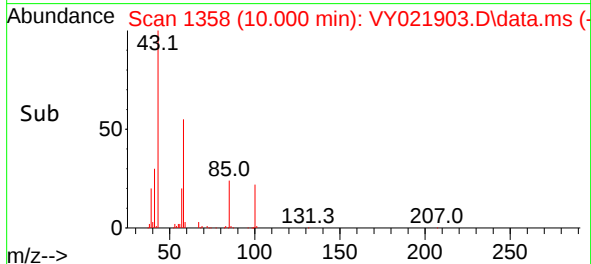
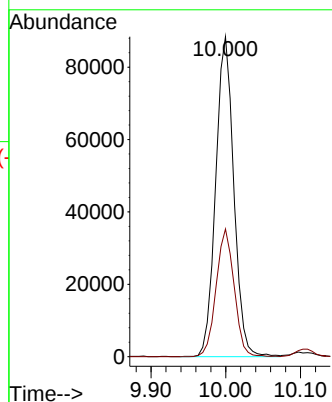
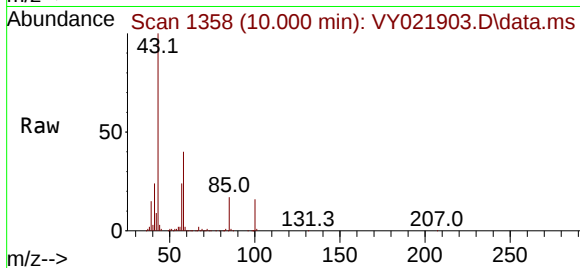
VY0417SBS01

Tgt Ion: 43 Resp: 149095

Ion Ratio Lower Upper

43 100

58 39.6 31.5 47.3



#52

Toluene

Concen: 20.671 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021903.D

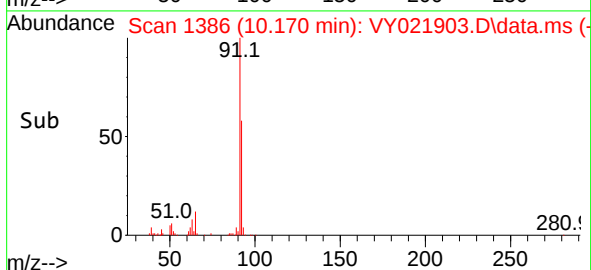
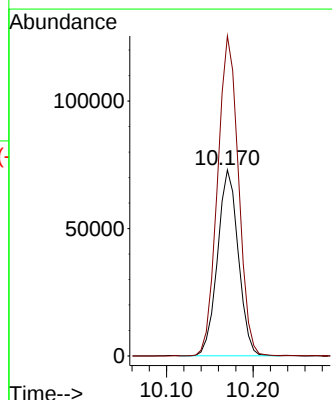
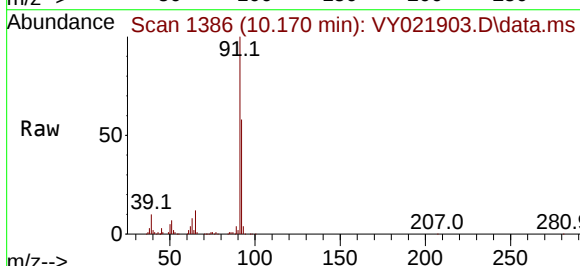
Acq: 17 Apr 2025 10:28

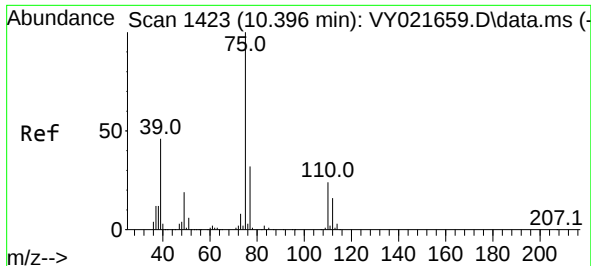
Tgt Ion: 92 Resp: 121376

Ion Ratio Lower Upper

92 100

91 174.0 138.6 207.8

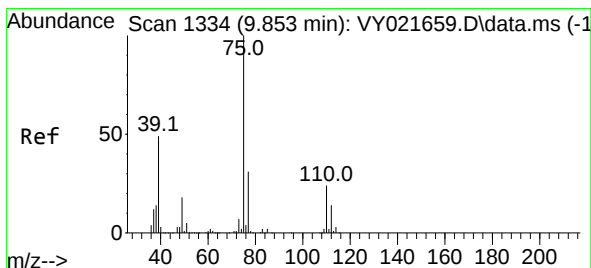
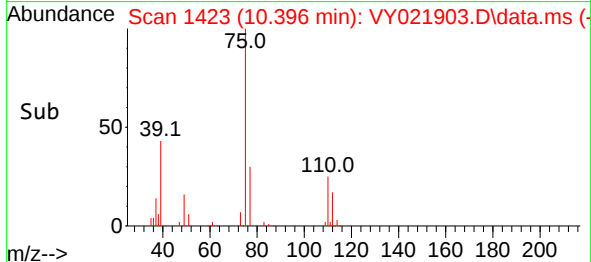
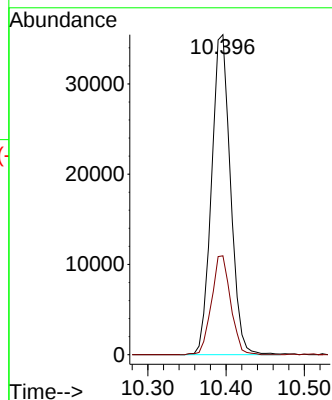
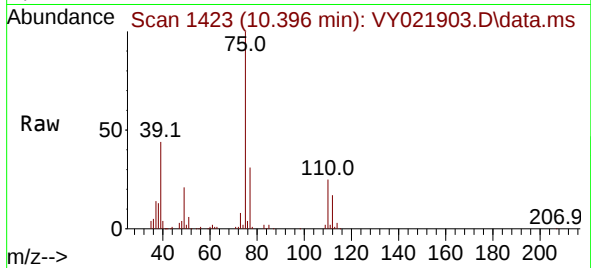




#53
 t-1,3-Dichloropropene
 Concen: 20.151 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

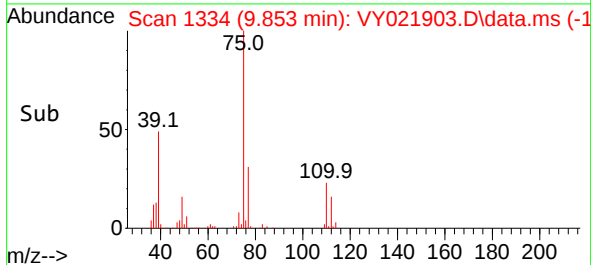
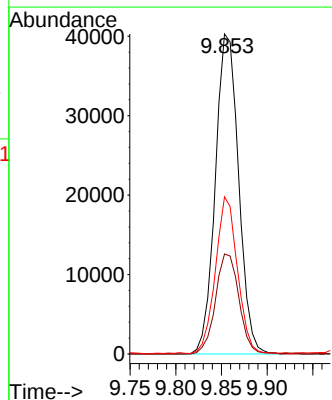
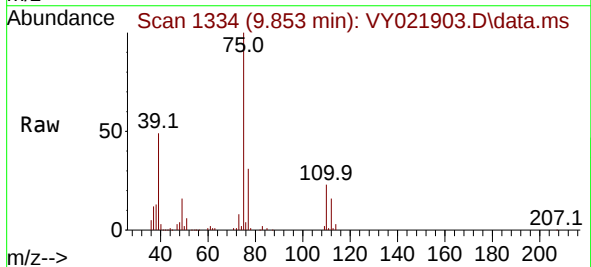
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBSD01

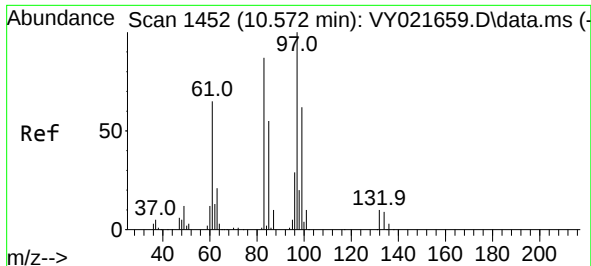
Tgt Ion: 75 Resp: 59545
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.488 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

Tgt Ion: 75 Resp: 71422
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3
 39 48.9 39.2 58.8

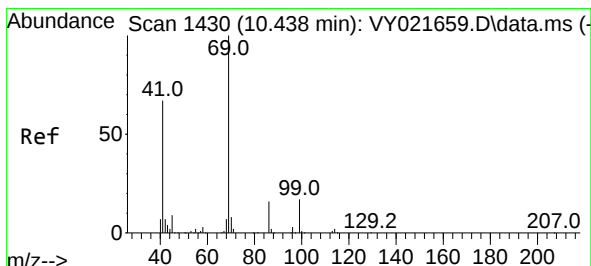
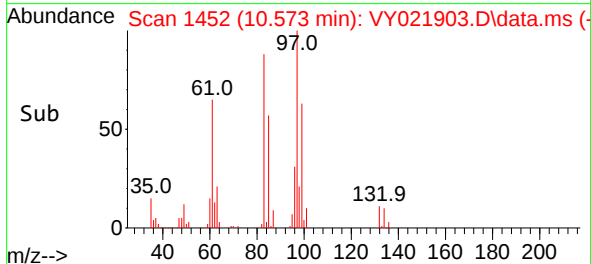
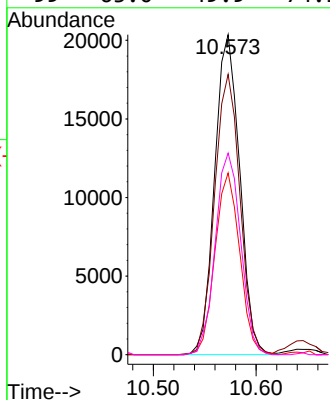
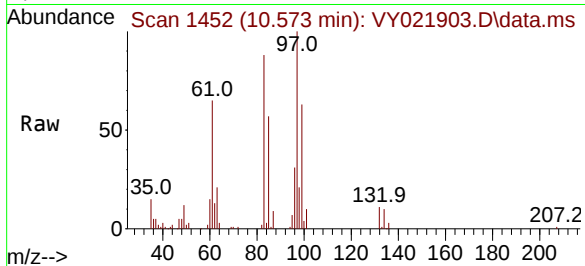




#55
1,1,2-Trichloroethane
Concen: 20.869 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

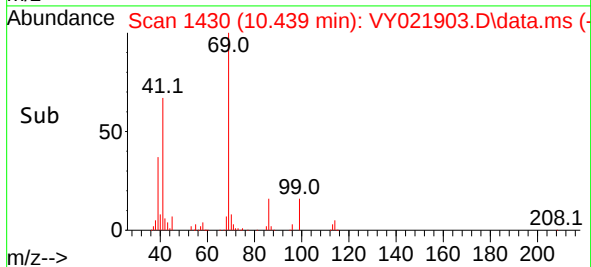
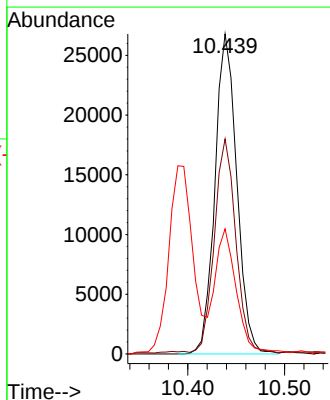
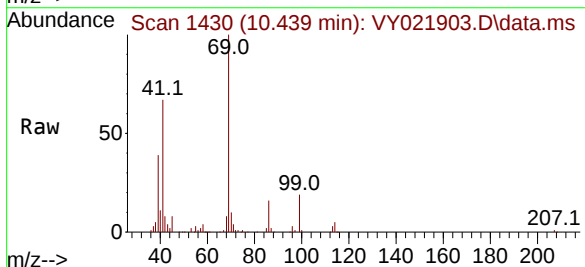
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

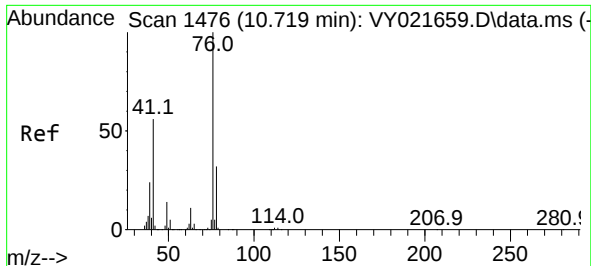
Tgt Ion: 97	Resp: 34480
Ion Ratio	Lower Upper
97 100	
83 87.6	69.5 104.3
85 56.8	43.9 65.9
99 63.0	49.9 74.9



#56
Ethyl methacrylate
Concen: 19.950 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 69	Resp: 42089
Ion Ratio	Lower Upper
69 100	
41 65.2	53.8 80.6
39 36.8	29.6 44.4





#57

1,3-Dichloropropane

Concen: 20.831 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

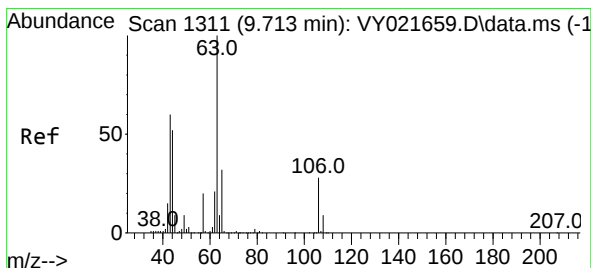
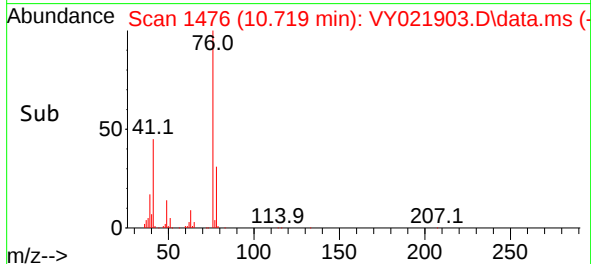
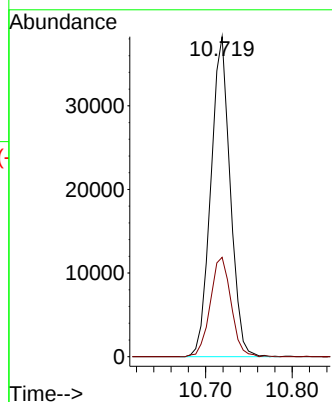
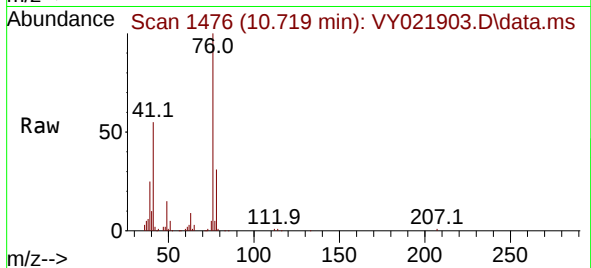
VY0417SBSD01

Tgt Ion: 76 Resp: 59440

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 107.177 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021903.D

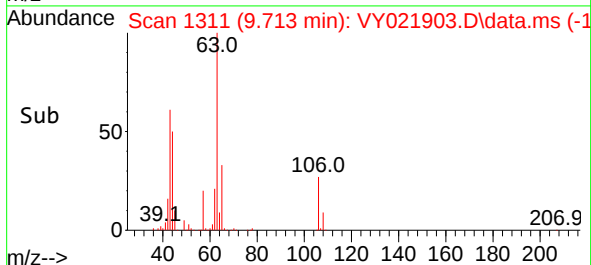
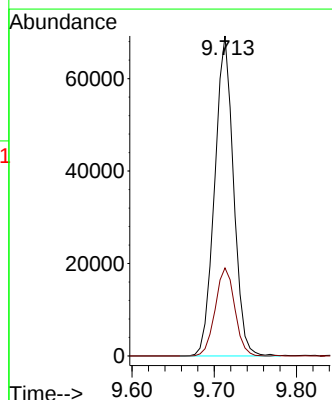
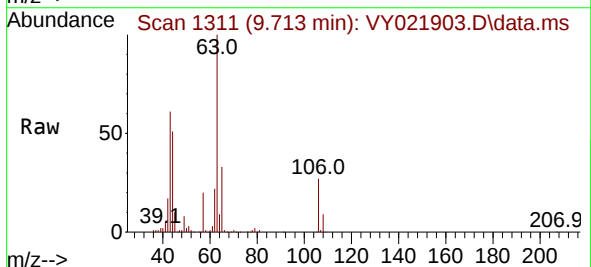
Acq: 17 Apr 2025 10:28

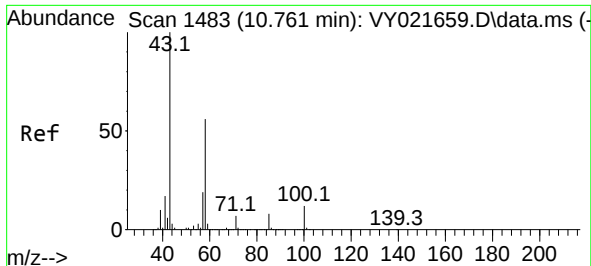
Tgt Ion: 63 Resp: 110303

Ion Ratio Lower Upper

63 100

106 28.4 22.4 33.6

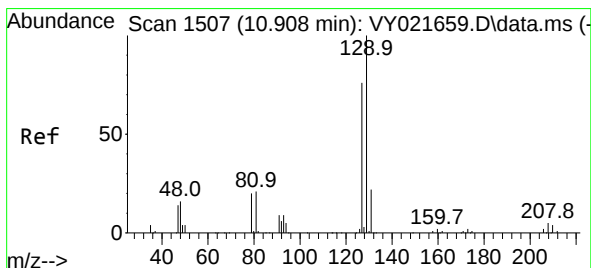
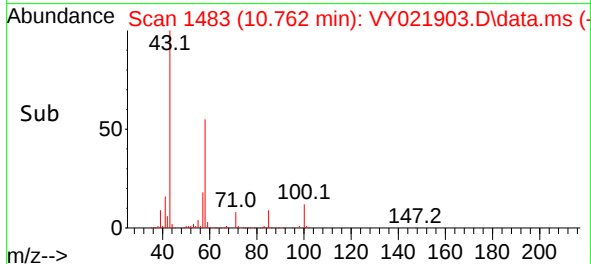
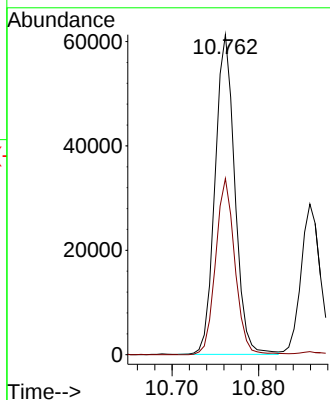
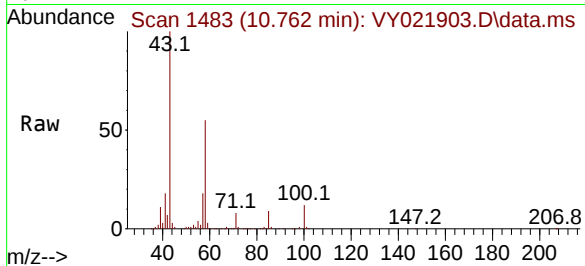




#59
2-Hexanone
Concen: 99.421 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

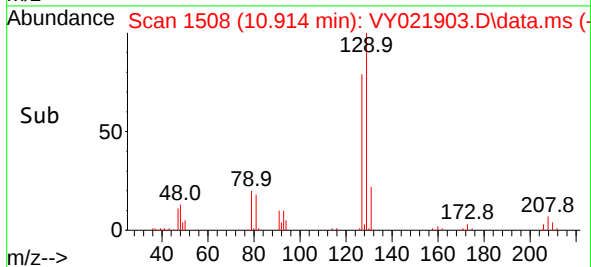
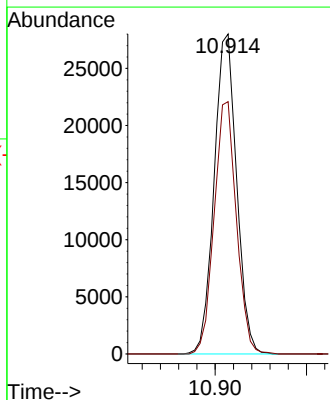
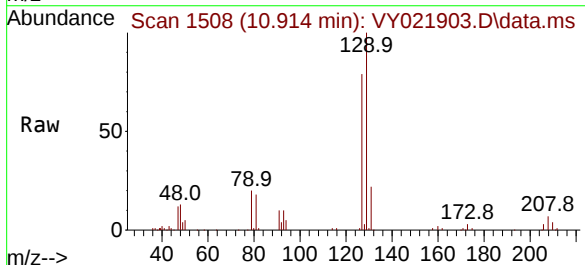
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

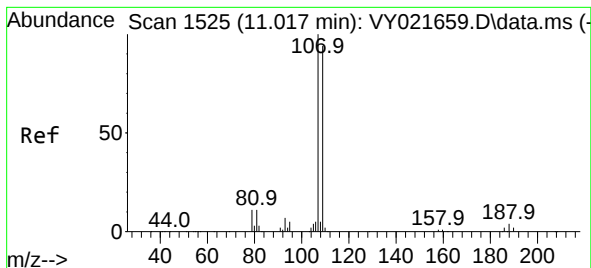
Tgt Ion: 43 Resp: 96845
Ion Ratio Lower Upper
43 100
58 53.9 27.2 81.5



#60
Dibromochloromethane
Concen: 21.218 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 129 Resp: 47863
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 20.959 ug/l

RT: 11.018 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

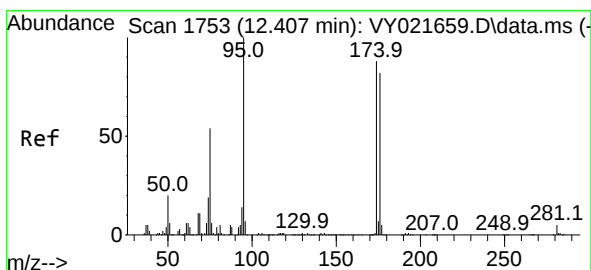
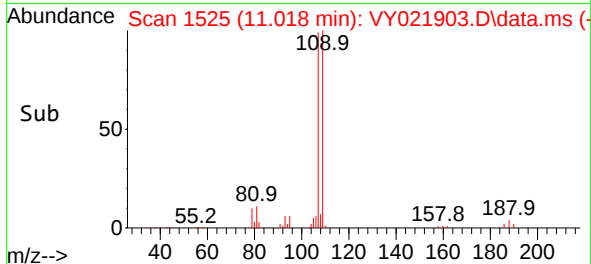
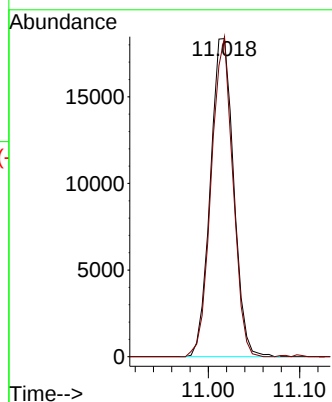
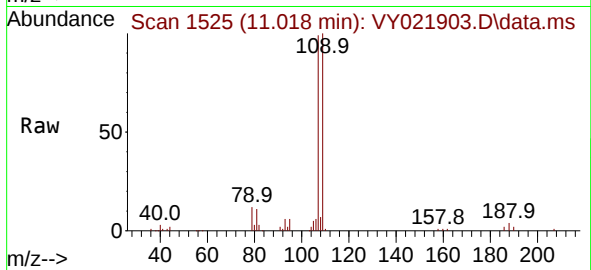
VY0417SBS01

Tgt Ion:107 Resp: 32484

Ion Ratio Lower Upper

107 100

109 93.2 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 53.615 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

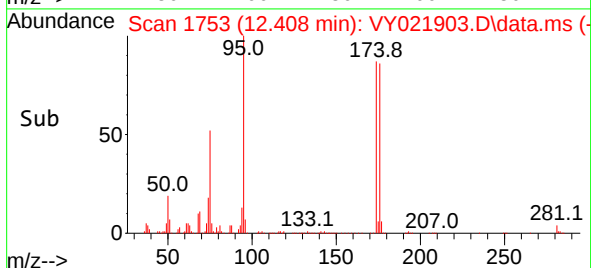
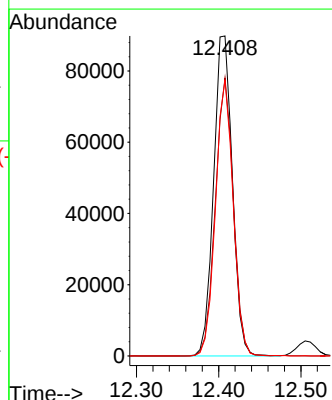
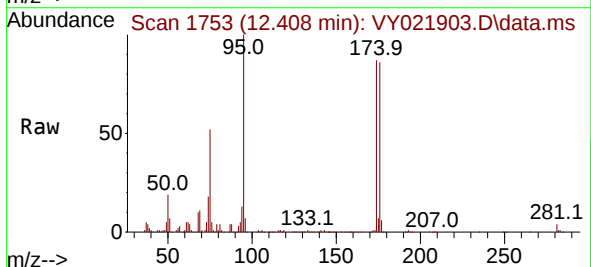
Tgt Ion: 95 Resp: 142343

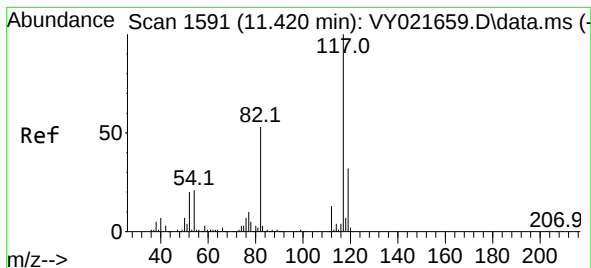
Ion Ratio Lower Upper

95 100

174 83.8 0.0 170.8

176 81.3 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBSD01

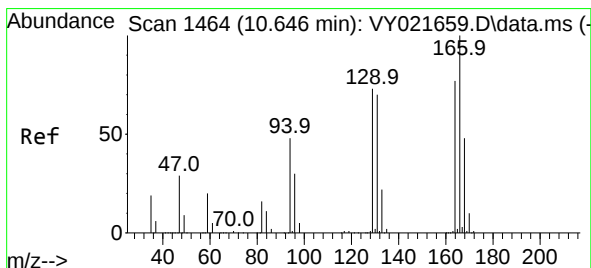
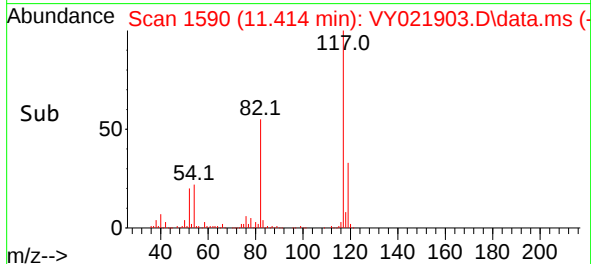
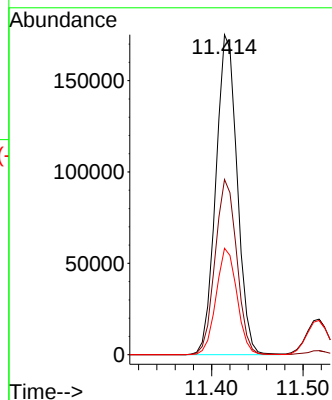
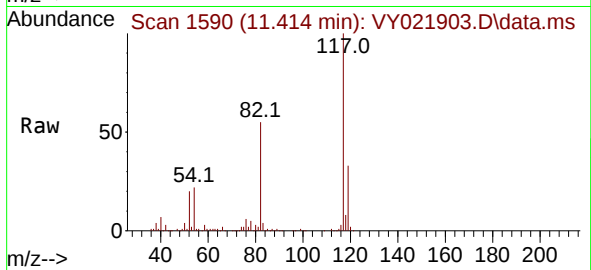
Tgt Ion:117 Resp: 284542

Ion Ratio Lower Upper

117 100

82 54.7 42.8 64.2

119 33.3 25.7 38.5



#64

Tetrachloroethene

Concen: 22.416 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Tgt Ion:164 Resp: 58091

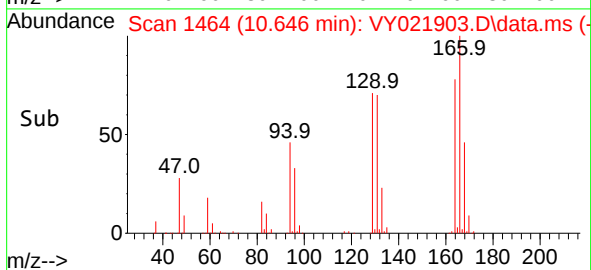
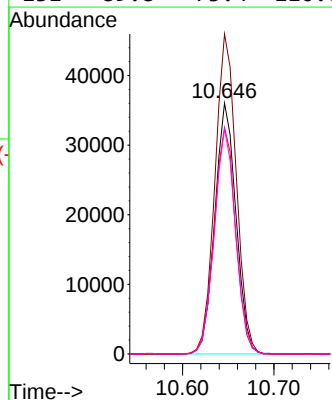
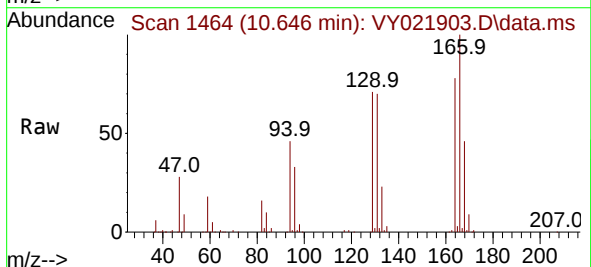
Ion Ratio Lower Upper

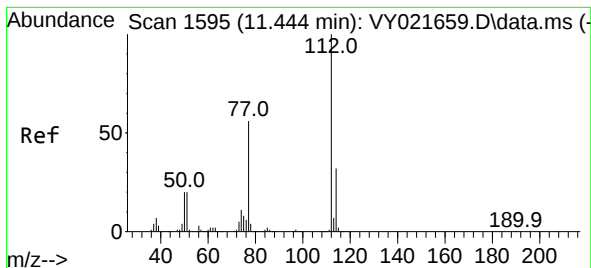
164 100

166 127.5 104.6 156.8

129 90.2 76.6 114.8

131 89.8 73.4 110.0





#65

Chlorobenzene

Concen: 20.445 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

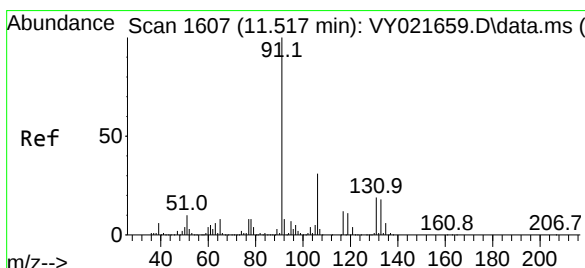
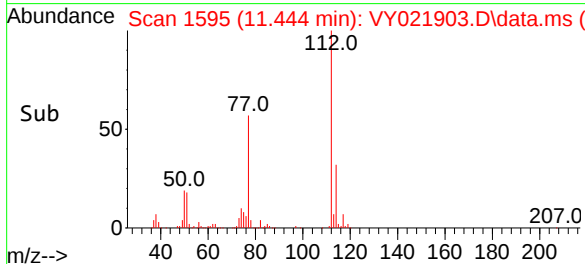
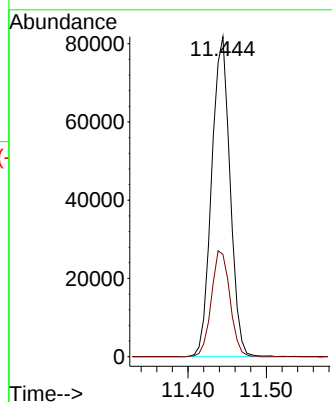
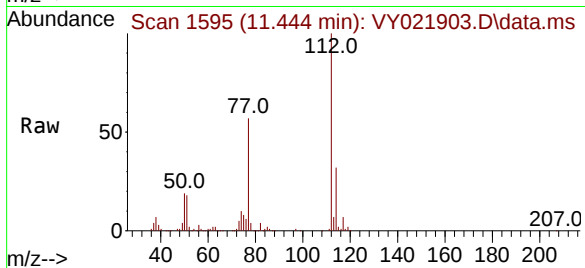
VY0417SBS01

Tgt Ion:112 Resp: 133358

Ion Ratio Lower Upper

112 100

114 32.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 21.088 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

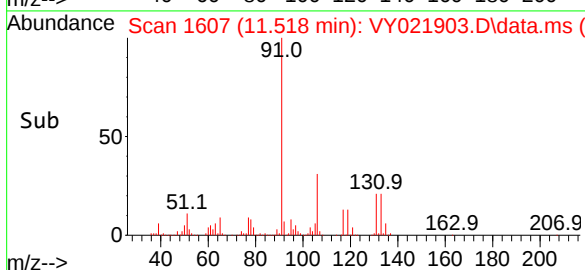
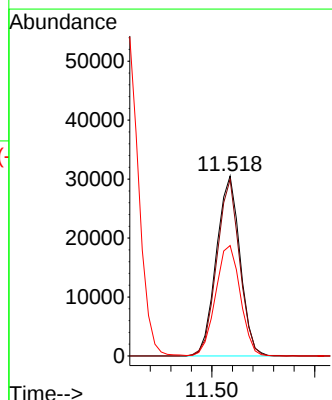
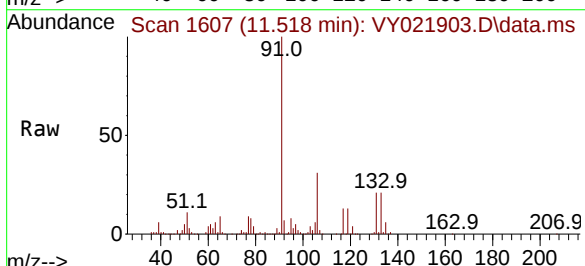
Tgt Ion:131 Resp: 48802

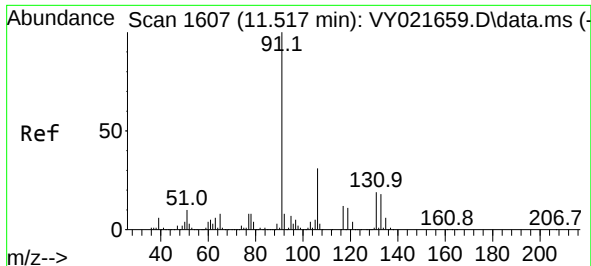
Ion Ratio Lower Upper

131 100

133 94.4 47.3 141.8

119 64.1 31.6 95.0





#67

Ethyl Benzene

Concen: 20.026 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

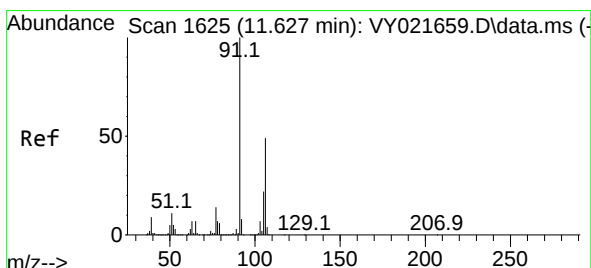
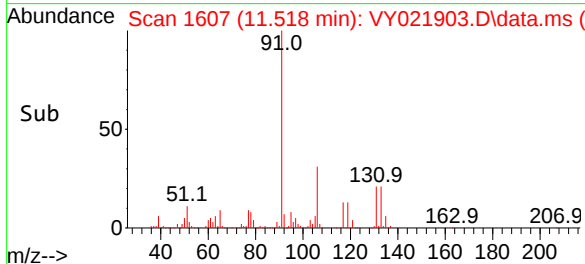
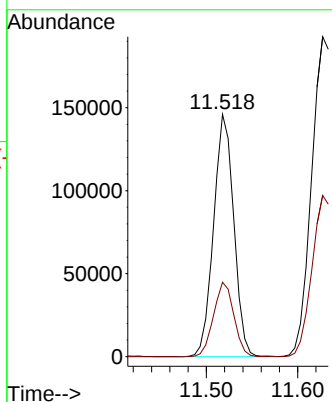
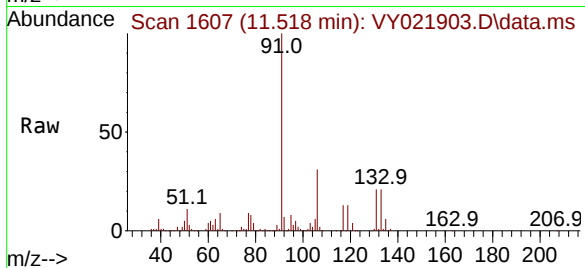
VY0417SBS01

Tgt Ion: 91 Resp: 223994

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 41.179 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021903.D

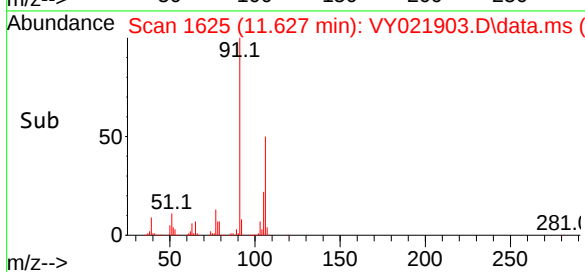
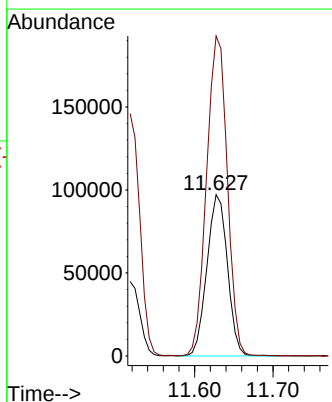
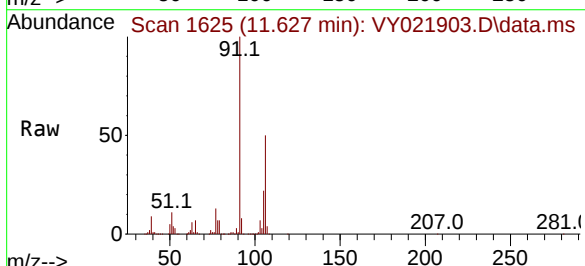
Acq: 17 Apr 2025 10:28

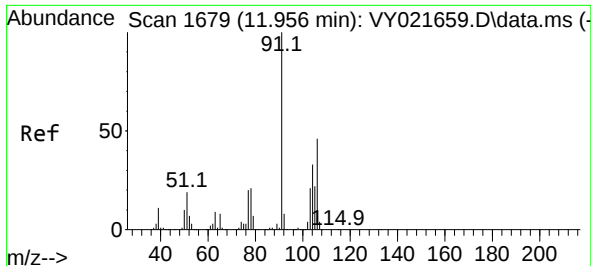
Tgt Ion:106 Resp: 176371

Ion Ratio Lower Upper

106 100

91 200.7 162.4 243.6

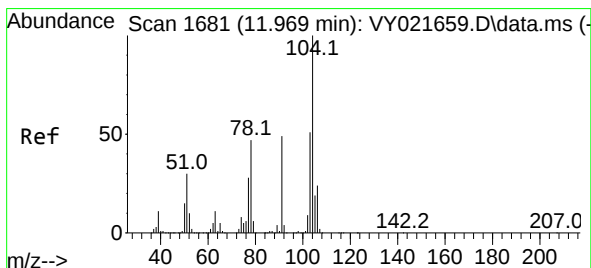
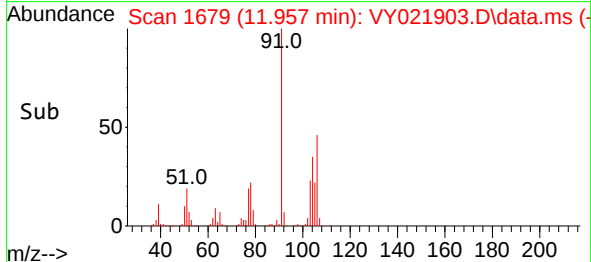
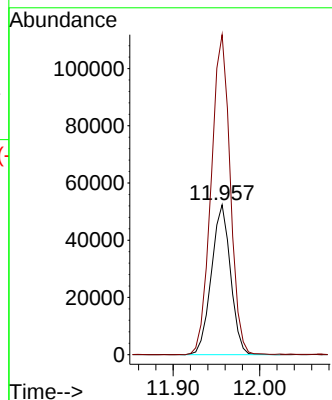
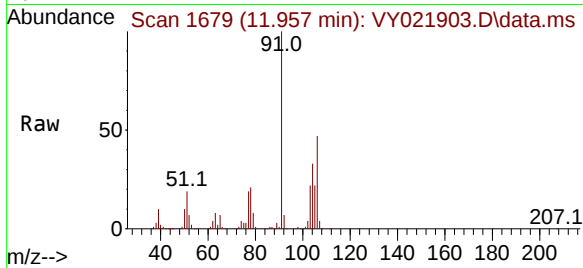




#69
o-Xylene
Concen: 20.315 ug/l
RT: 11.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

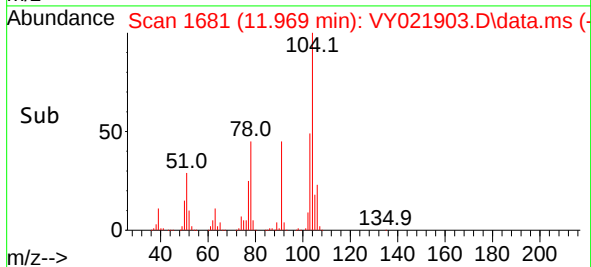
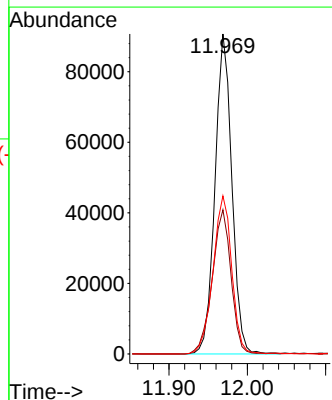
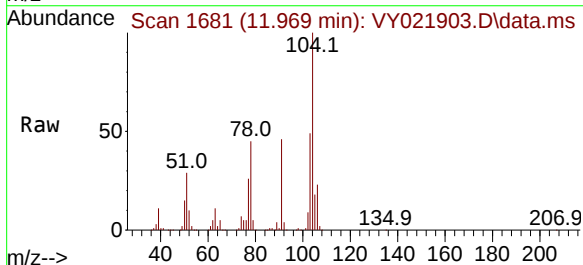
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

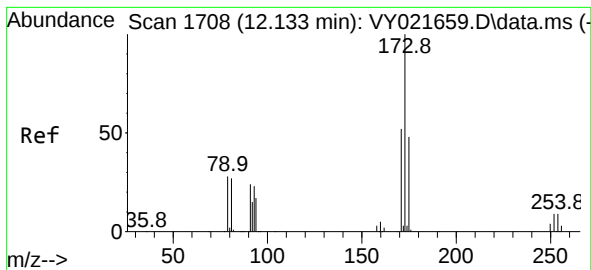
Tgt Ion:106 Resp: 80317
Ion Ratio Lower Upper
106 100
91 213.0 106.7 319.9



#70
Styrene
Concen: 20.628 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion:104 Resp: 135980
Ion Ratio Lower Upper
104 100
78 50.0 40.8 61.2
103 54.8 44.2 66.2





#71

Bromoform

Concen: 21.653 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBSD01

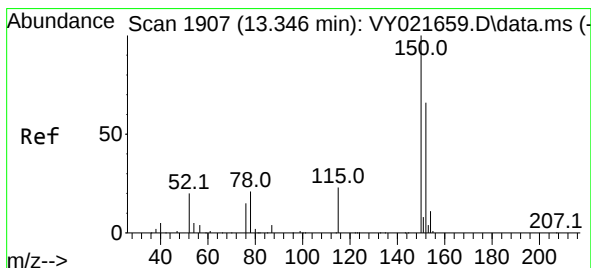
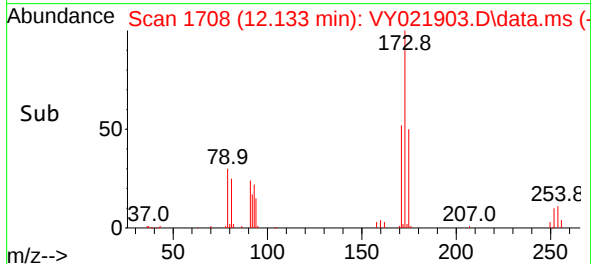
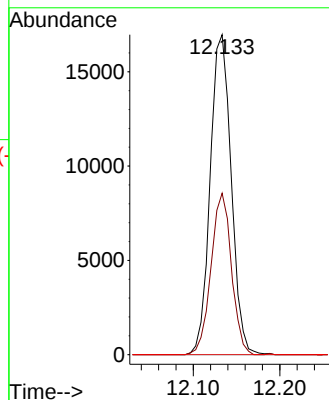
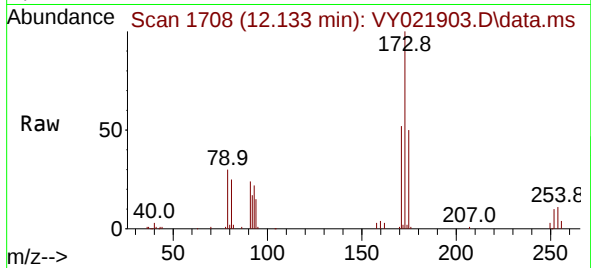
Tgt Ion:173 Resp: 28584

Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

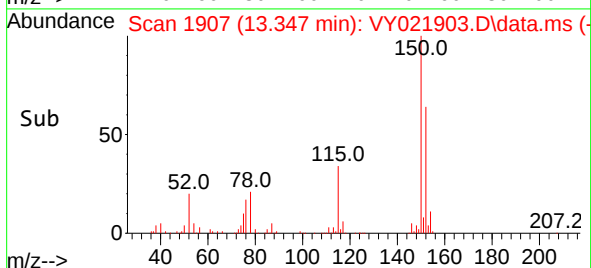
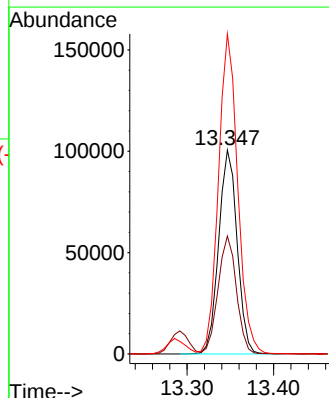
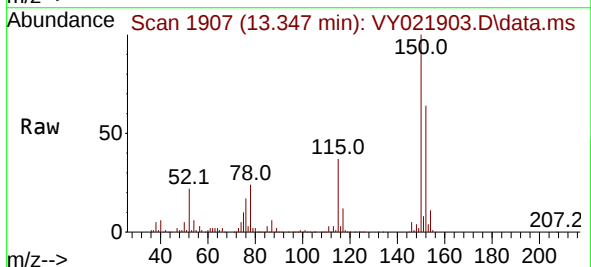
Tgt Ion:152 Resp: 149017

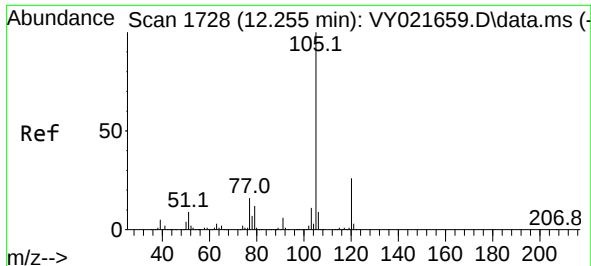
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 163.2 0.0 348.4

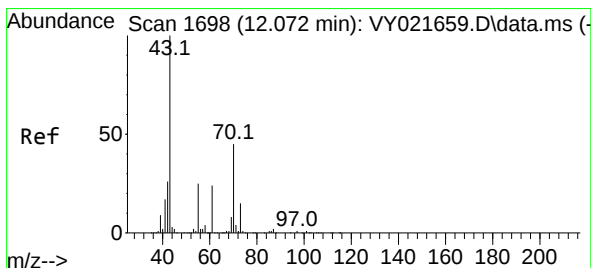
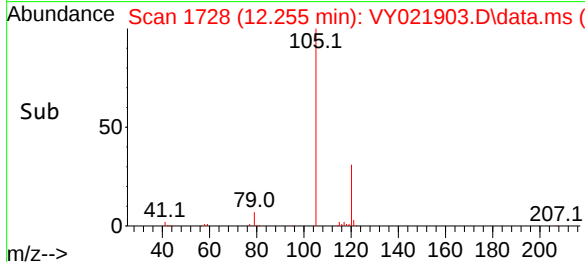
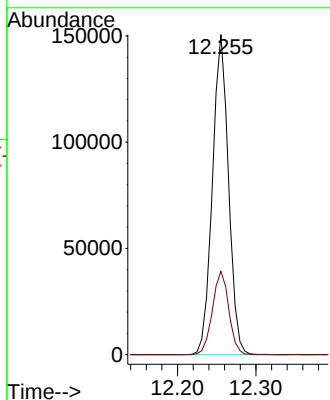
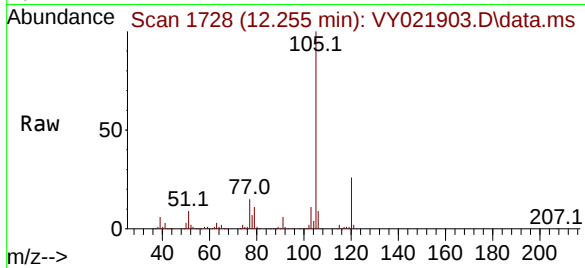




#73
Isopropylbenzene
Concen: 19.419 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

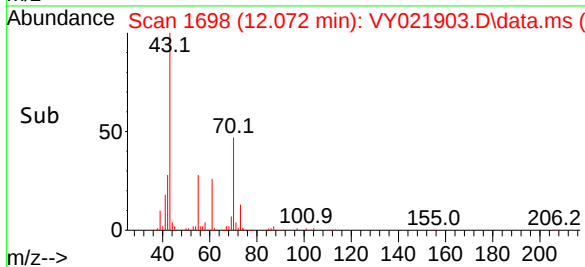
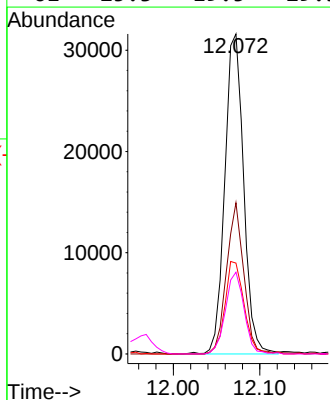
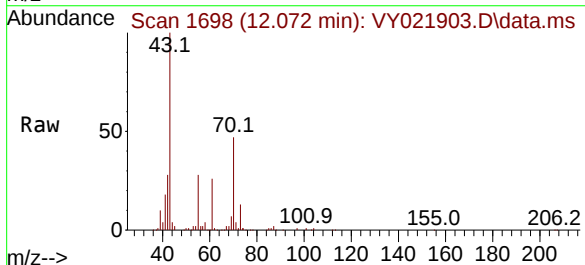
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

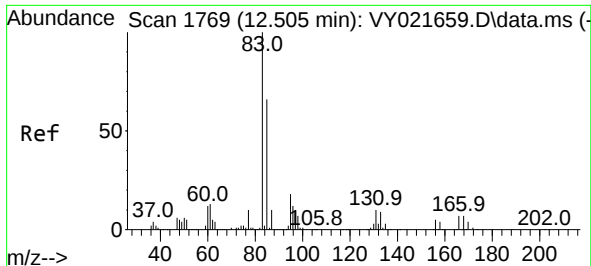
Tgt Ion:105 Resp: 214928
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#74
N-ethyl acetate
Concen: 18.408 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 43 Resp: 47816
Ion Ratio Lower Upper
43 100
70 43.8 34.7 52.1
55 29.5 21.2 31.8
61 25.3 19.5 29.3

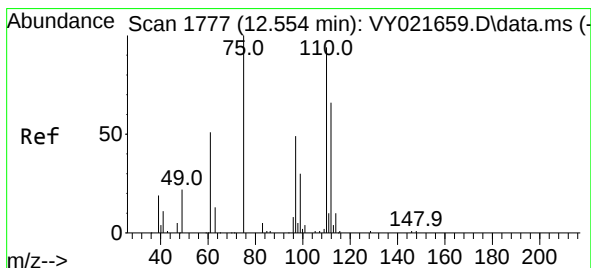
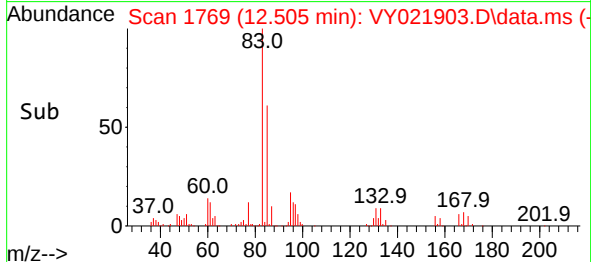
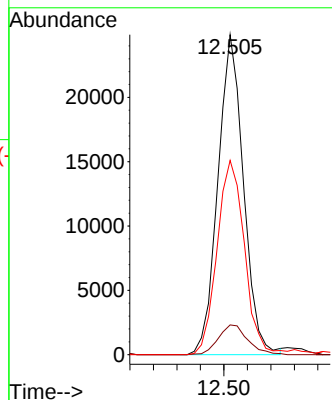
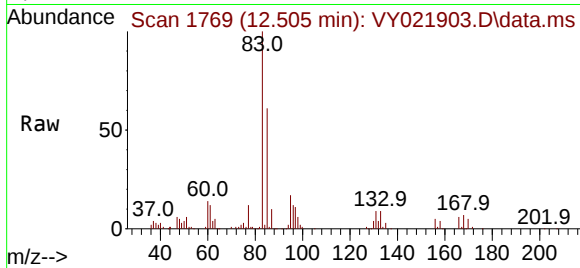




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.901 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

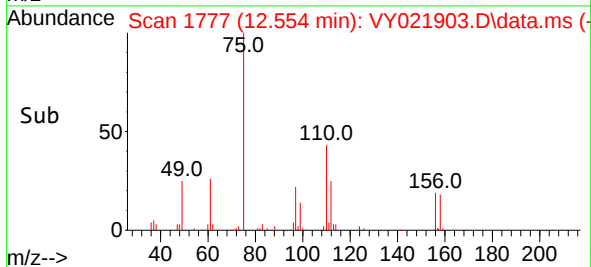
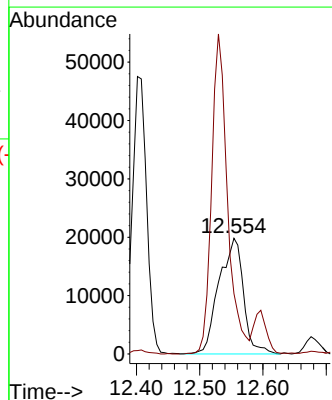
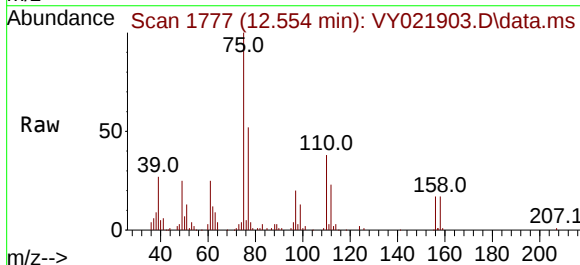
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBSD01

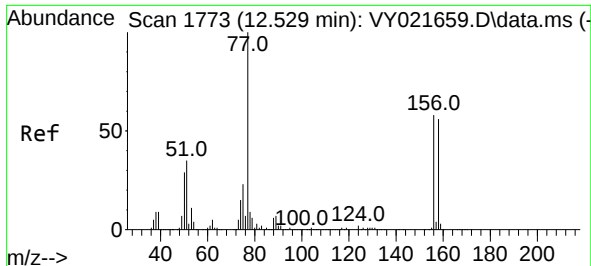
Tgt Ion: 83 Resp: 37612
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.1 15.3
 85 65.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 36.139 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

Tgt Ion: 75 Resp: 53382
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

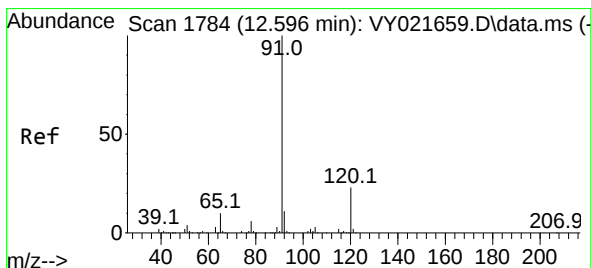
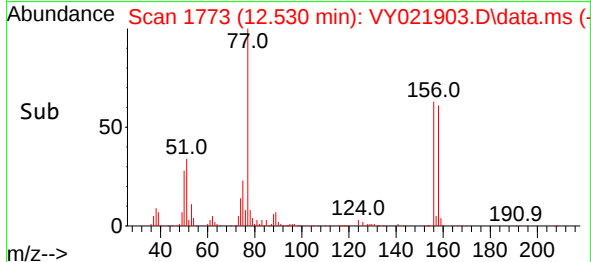
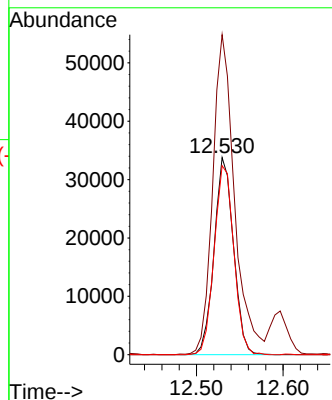
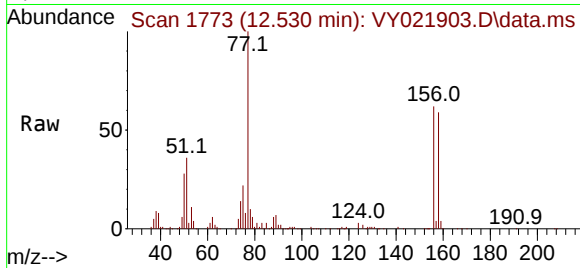




#77
Bromobenzene
Concen: 19.751 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

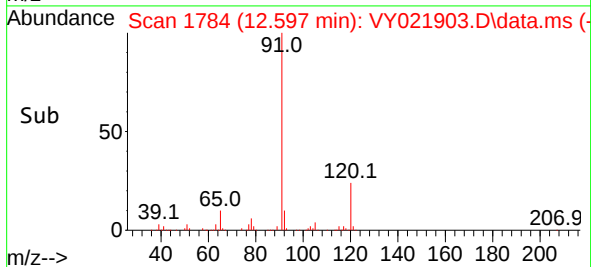
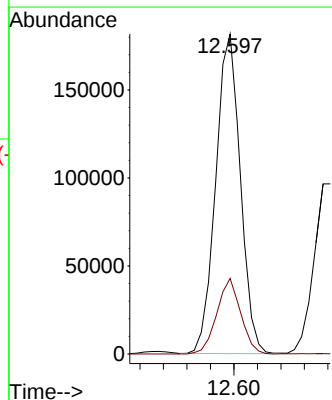
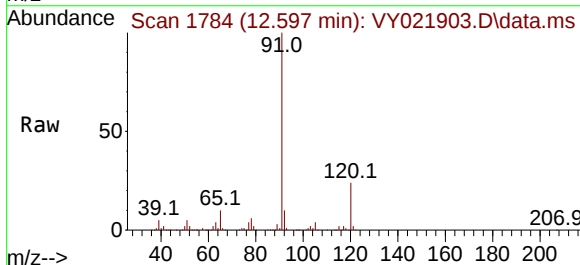
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

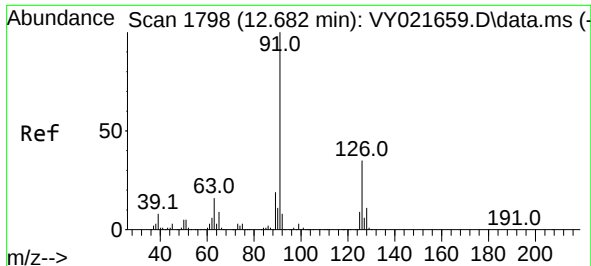
Tgt Ion:156 Resp: 52488
Ion Ratio Lower Upper
156 100
77 182.6 92.8 278.3
158 97.4 48.5 145.6



#78
n-propylbenzene
Concen: 19.837 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 91 Resp: 263960
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.754 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

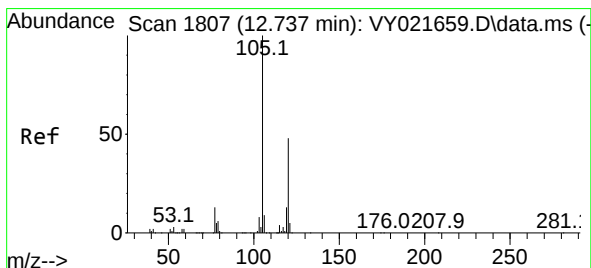
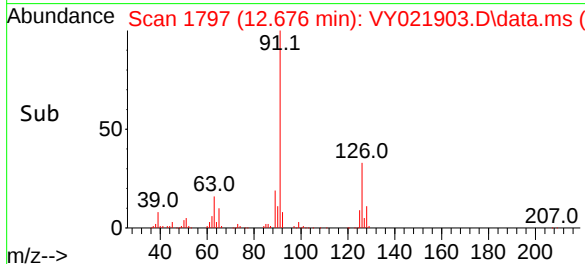
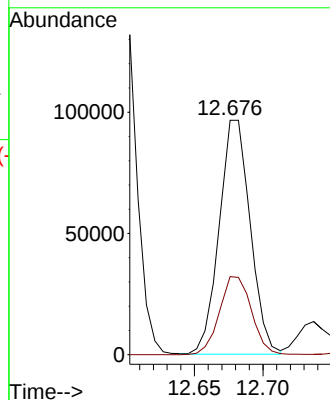
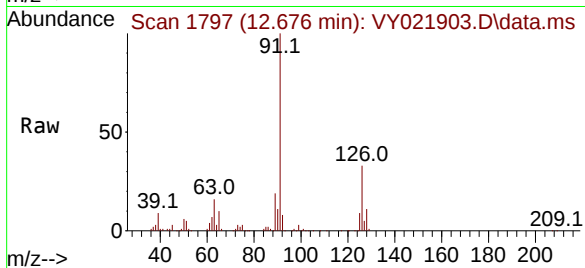
VY0417SBSD01

Tgt Ion: 91 Resp: 152672

Ion Ratio Lower Upper

91 100

126 34.4 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 19.716 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021903.D

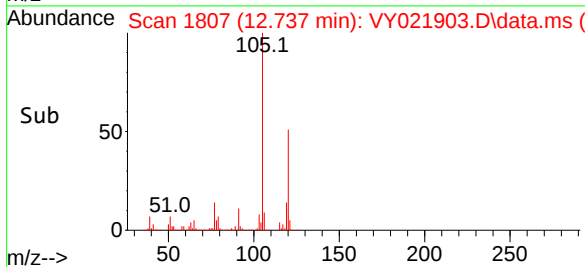
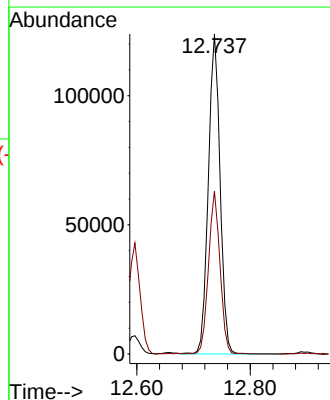
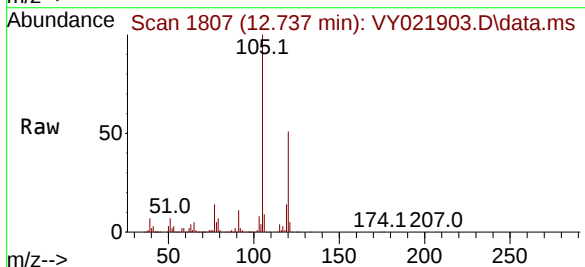
Acq: 17 Apr 2025 10:28

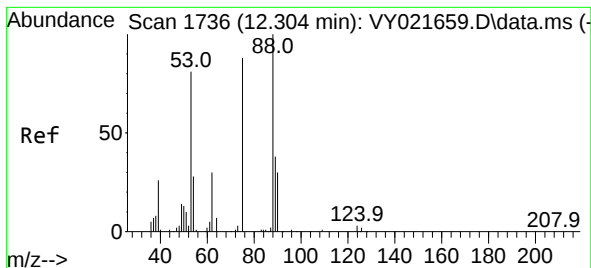
Tgt Ion: 105 Resp: 178345

Ion Ratio Lower Upper

105 100

120 49.9 24.5 73.5

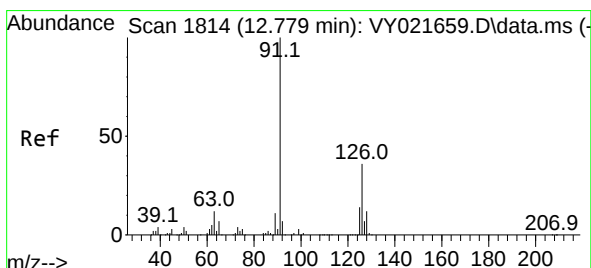
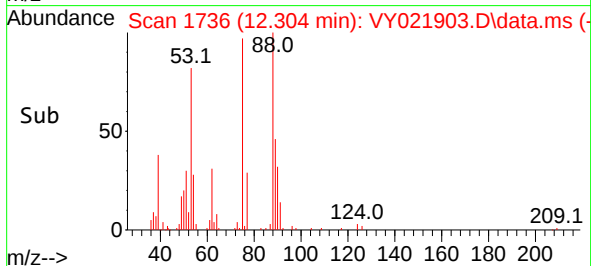
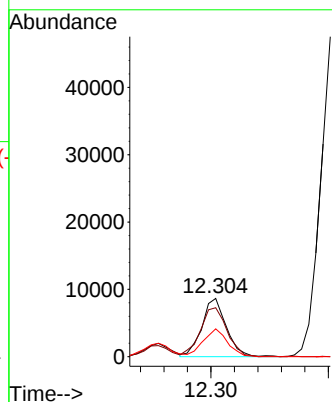
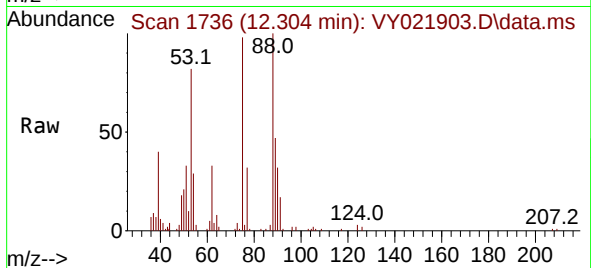




#81
trans-1,4-Dichloro-2-butene
Concen: 19.491 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

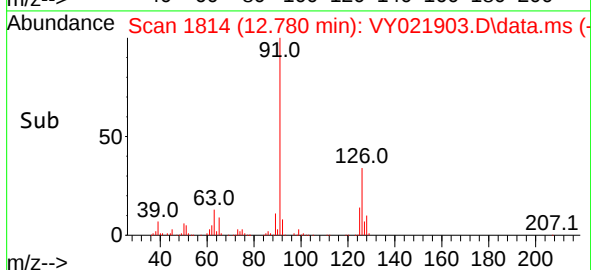
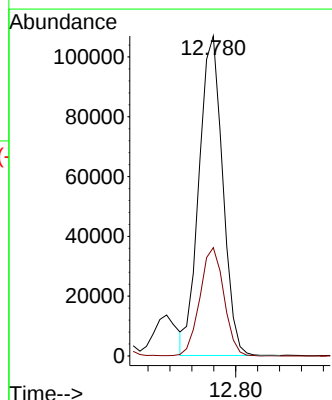
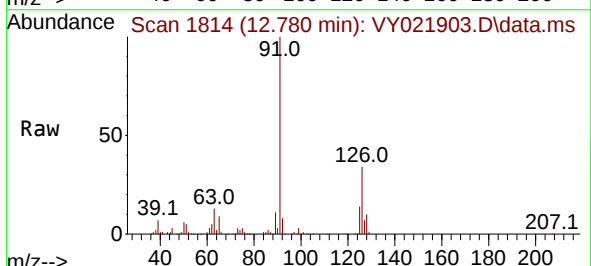
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

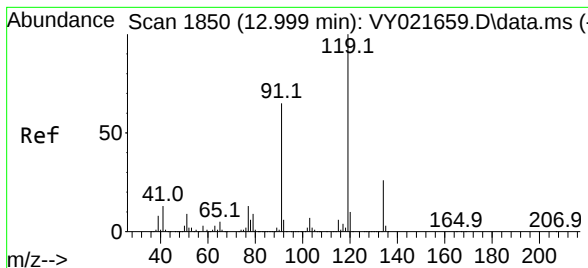
Tgt Ion: 75 Resp: 12495
Ion Ratio Lower Upper
75 100
53 90.5 76.1 114.1
89 47.0 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.883 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion: 91 Resp: 160205
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.535 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBSD01

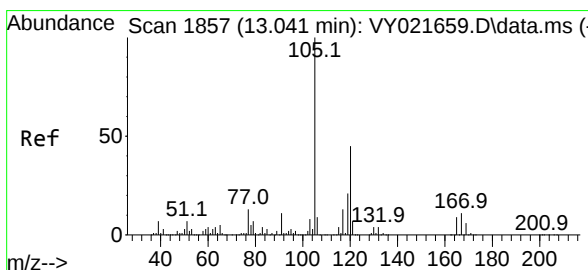
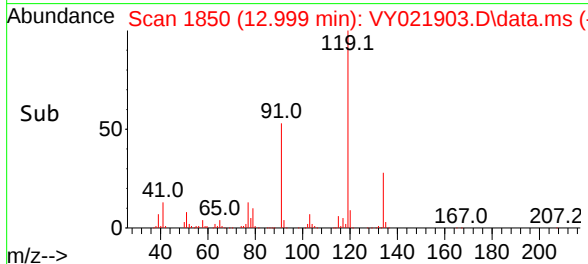
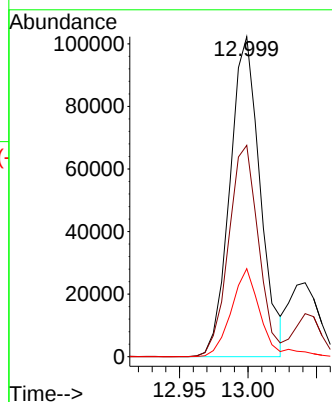
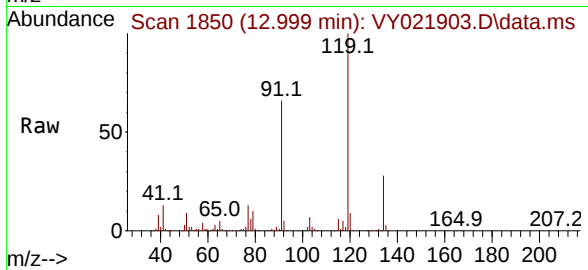
Tgt Ion:119 Resp: 157393

Ion Ratio Lower Upper

119 100

91 65.4 32.6 97.7

134 26.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.125 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021903.D

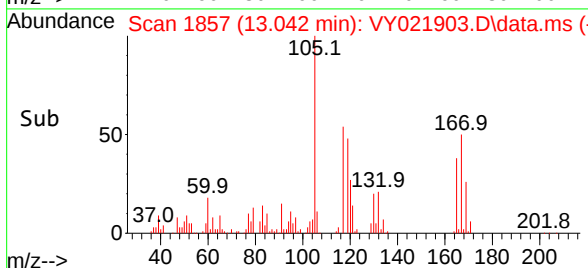
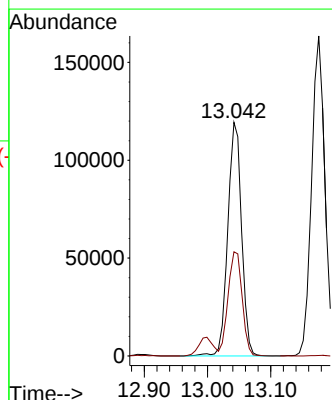
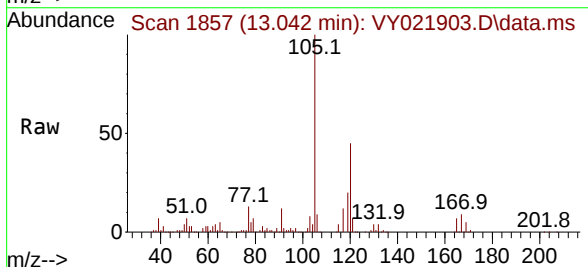
Acq: 17 Apr 2025 10:28

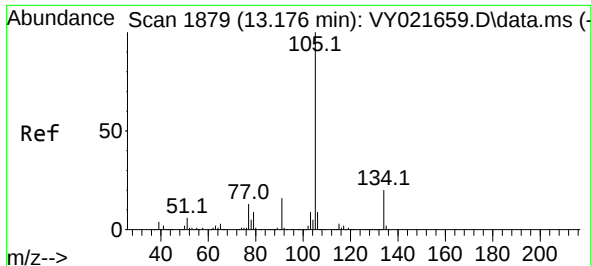
Tgt Ion:105 Resp: 179927

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1

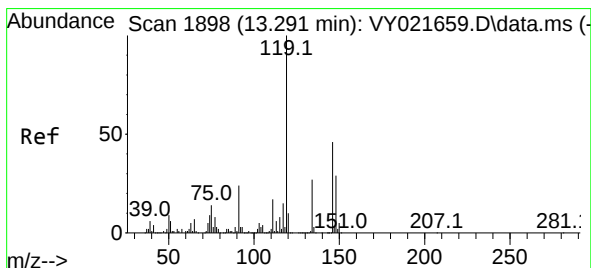
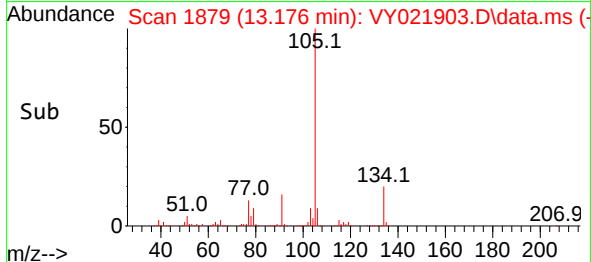
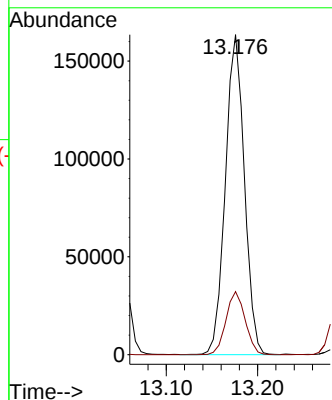
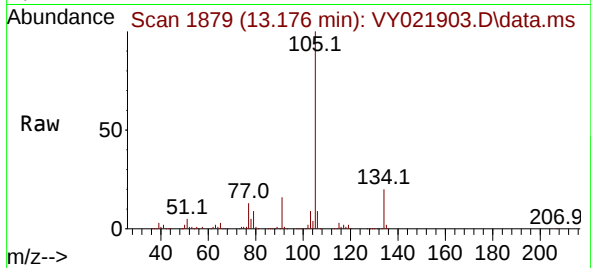




#85
 sec-Butylbenzene
 Concen: 20.103 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

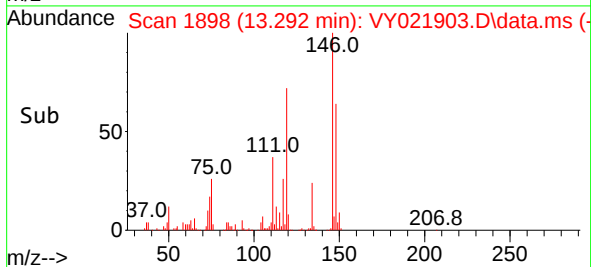
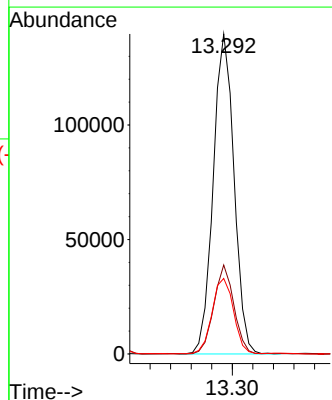
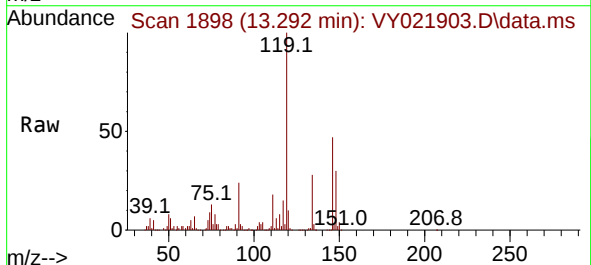
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBSD01

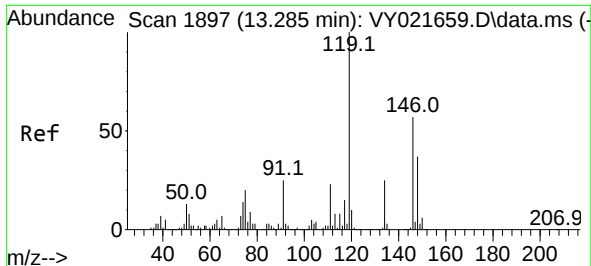
Tgt Ion:105 Resp: 236700
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.158 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

Tgt Ion:119 Resp: 196169
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 24.4 12.0 36.0

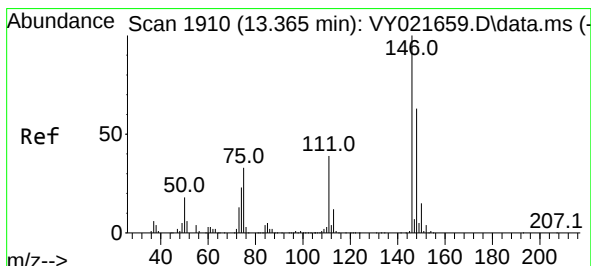
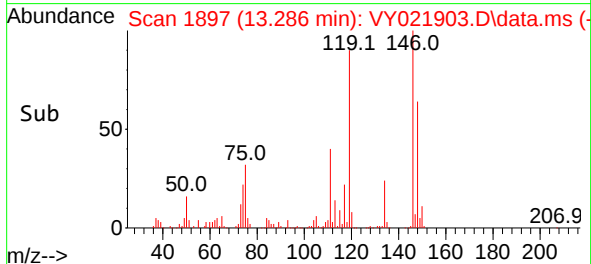
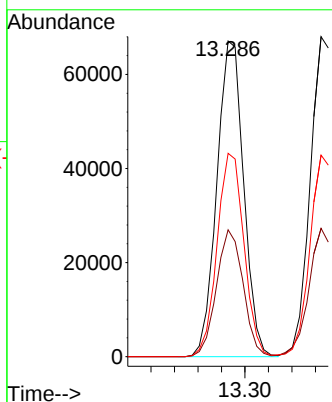
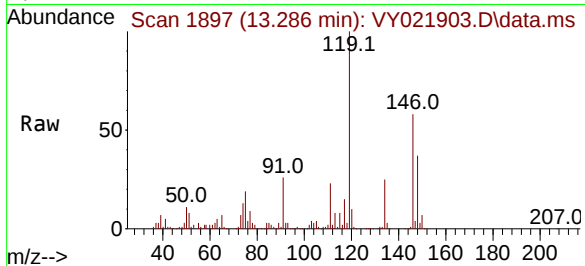




#87
 1,3-Dichlorobenzene
 Concen: 20.327 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

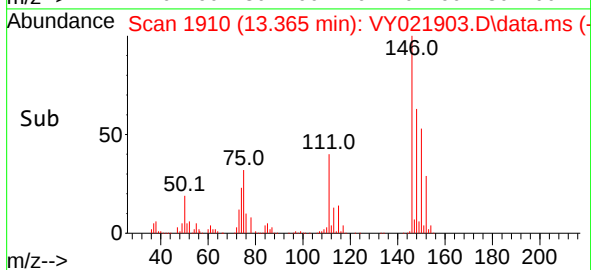
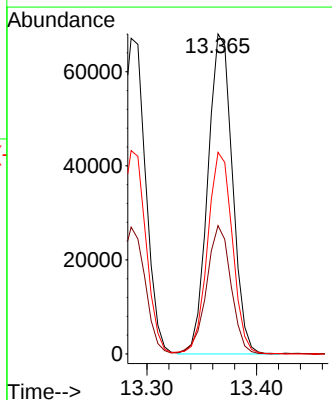
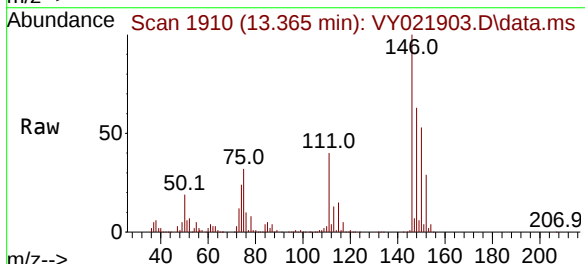
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBSD01

Tgt Ion:146 Resp: 106425
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 60.0
 148 64.5 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.483 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021903.D
 Acq: 17 Apr 2025 10:28

Tgt Ion:146 Resp: 105957
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.1 57.1
 148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 19.788 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBSD01

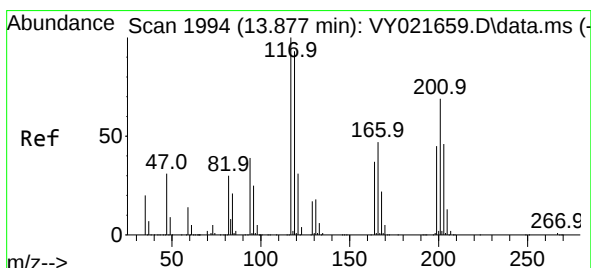
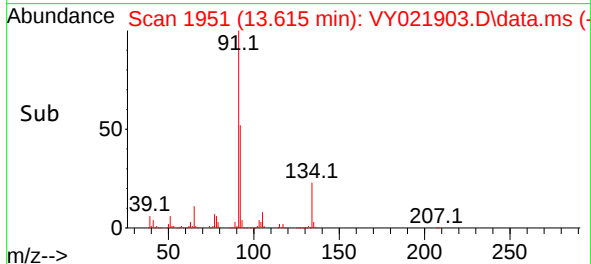
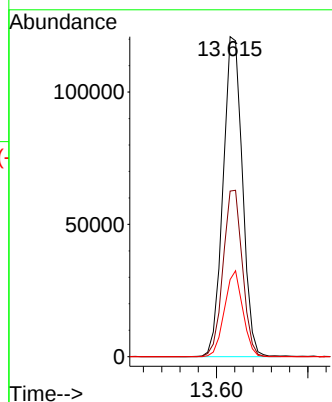
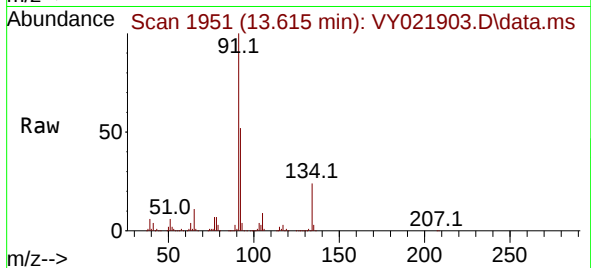
Tgt Ion: 91 Resp: 178098

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 25.4 12.8 38.4



#90

Hexachloroethane

Concen: 20.535 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021903.D

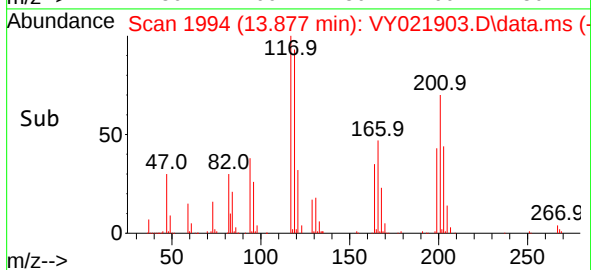
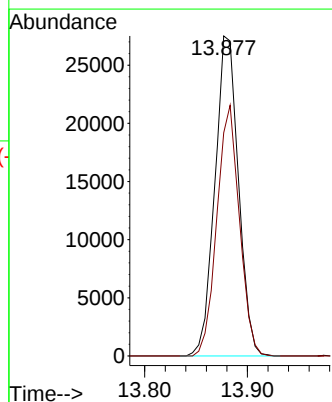
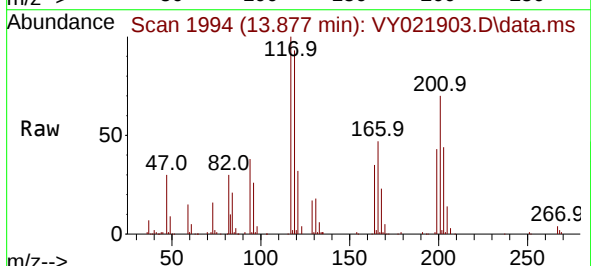
Acq: 17 Apr 2025 10:28

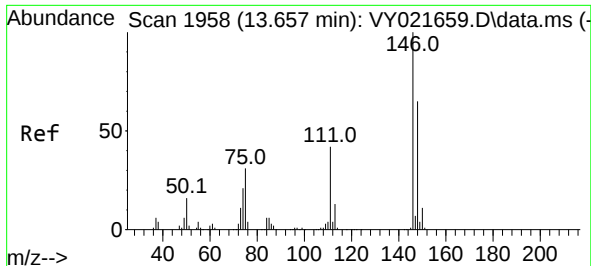
Tgt Ion: 117 Resp: 43793

Ion Ratio Lower Upper

117 100

201 74.8 37.4 112.1

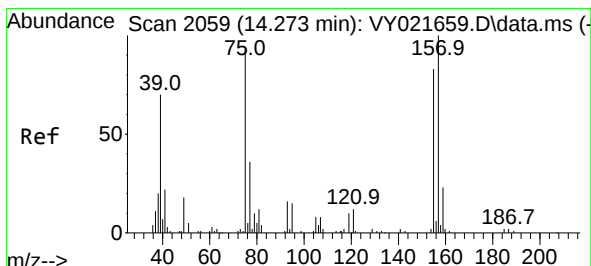
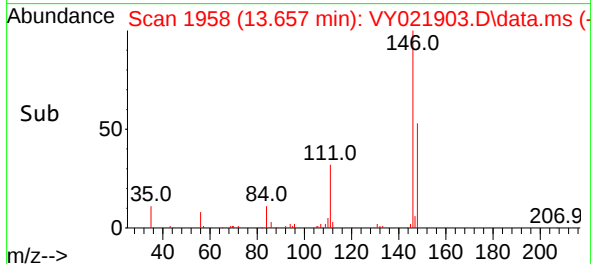
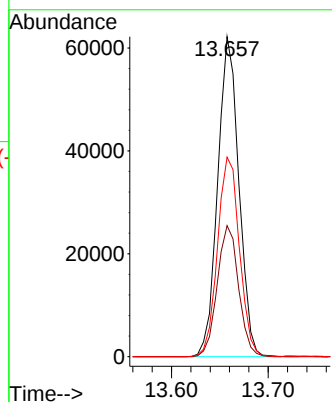
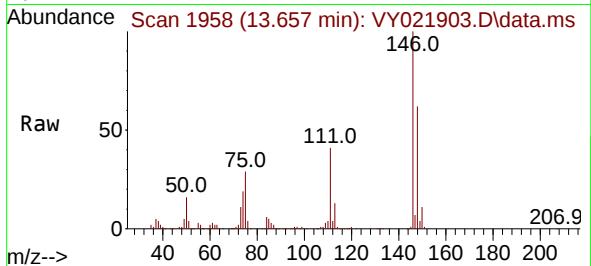




#91
1,2-Dichlorobenzene
Concen: 20.694 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

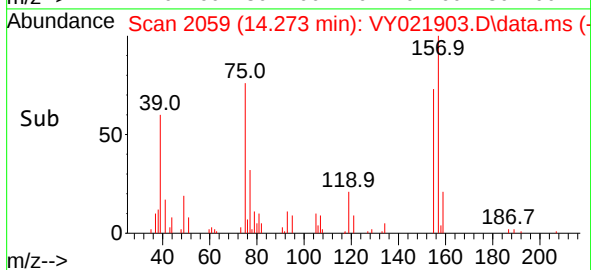
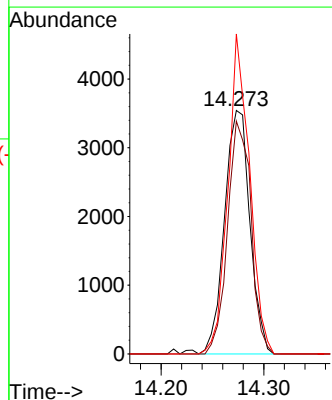
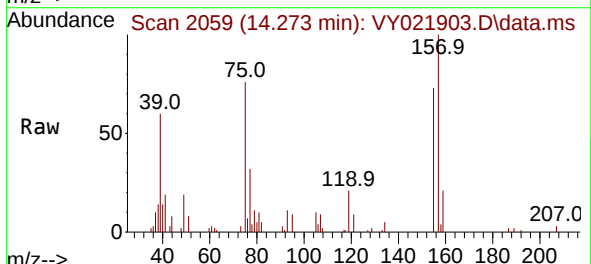
Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBSD01

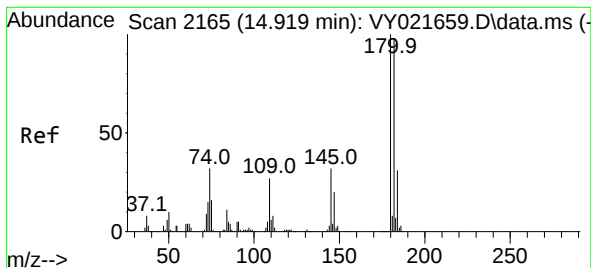
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.7	62.1
148	64.6	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.817 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021903.D
Acq: 17 Apr 2025 10:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	43.0	128.8
157	111.3	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.984 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

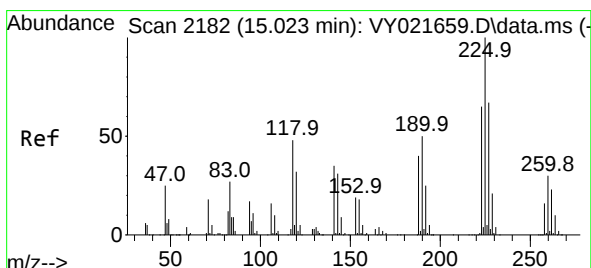
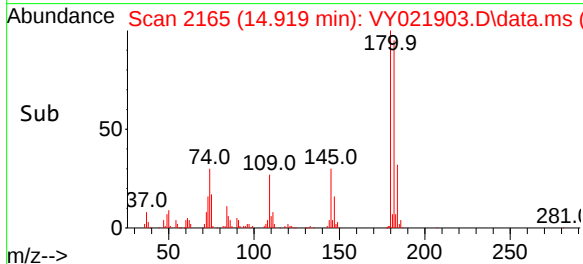
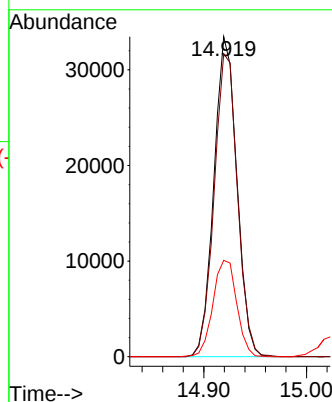
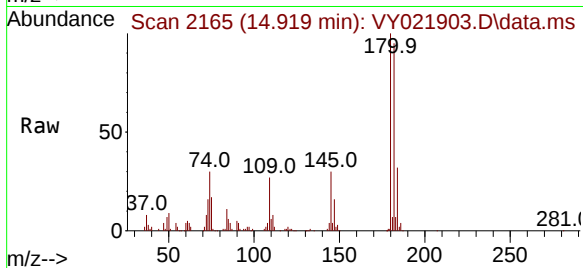
Tgt Ion:180 Resp: 51865

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.6

145 31.2 14.9 44.9



#94

Hexachlorobutadiene

Concen: 21.485 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

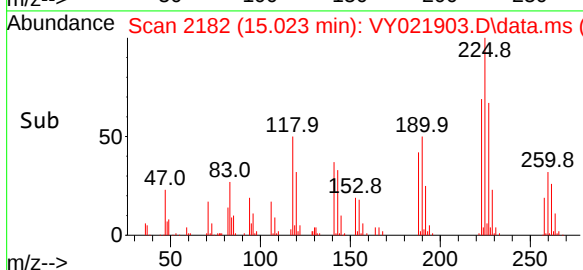
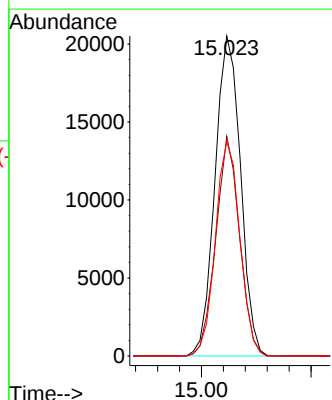
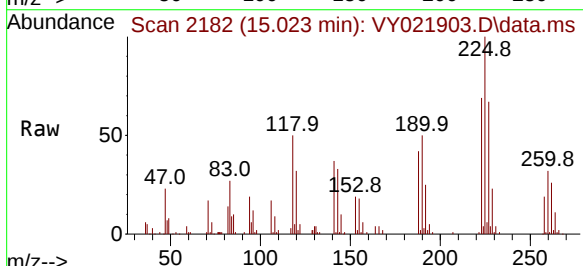
Tgt Ion:225 Resp: 33165

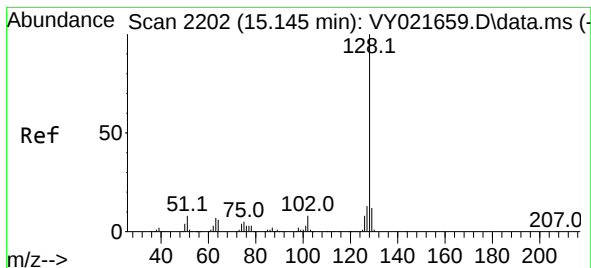
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.7

227 64.3 32.4 97.0





#95

Naphthalene

Concen: 20.314 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBSD01

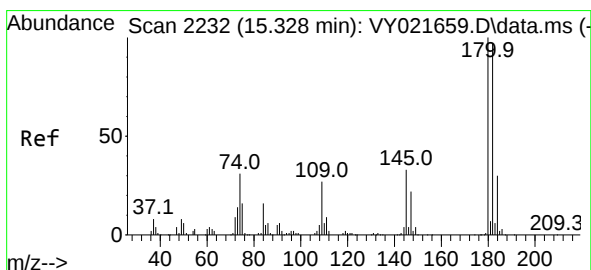
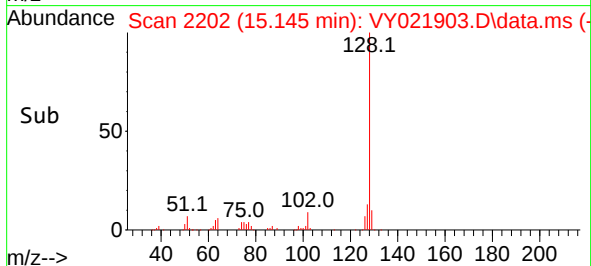
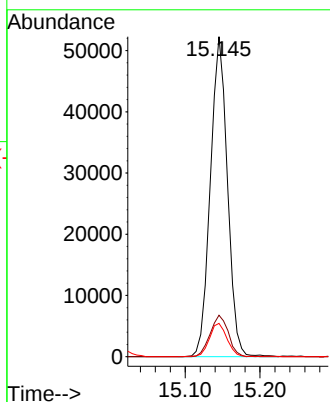
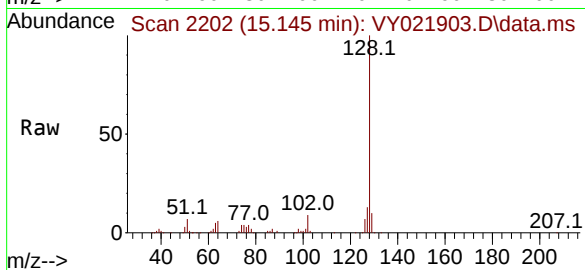
Tgt Ion:128 Resp: 83223

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.509 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021903.D

Acq: 17 Apr 2025 10:28

Tgt Ion:180 Resp: 45333

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.5

145 31.5 15.9 47.7

