

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021867.D
 Acq On : 14 Apr 2025 11:06
 Operator : SY/MD
 Sample : VY0414SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Quant Time: Apr 14 23:29:39 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	216010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	334525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	301802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	158163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118373	50.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.160%	
35) Dibromofluoromethane	7.634	113	114916	52.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.920%	
50) Toluene-d8	10.109	98	444302	53.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.408	95	151131	54.123	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	40054	17.890	ug/l	98
3) Chloromethane	2.068	50	57106	18.139	ug/l	97
4) Vinyl Chloride	2.202	62	63497	17.835	ug/l	99
5) Bromomethane	2.592	94	46064	18.970	ug/l	98
6) Chloroethane	2.733	64	43342	18.604	ug/l	98
7) Trichlorofluoromethane	3.056	101	87334	19.149	ug/l	100
8) Diethyl Ether	3.452	74	23594	19.023	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	47066	19.566	ug/l	98
10) Methyl Iodide	4.001	142	48946	18.548	ug/l	100
11) Tert butyl alcohol	4.866	59	12495	82.196	ug/l #	84
12) 1,1-Dichloroethene	3.793	96	42009	18.541	ug/l	97
13) Acrolein	3.653	56	11042	39.781	ug/l	93
14) Allyl chloride	4.379	41	65999	18.270	ug/l	99
15) Acrylonitrile	5.061	53	47202	91.147	ug/l	99
16) Acetone	3.873	43	41557	86.760	ug/l	94
17) Carbon Disulfide	4.104	76	131675	17.644	ug/l	99
18) Methyl Acetate	4.385	43	22312	18.795	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	103783	18.398	ug/l	98
20) Methylene Chloride	4.610	84	52740	20.196	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	48198	19.321	ug/l	96
22) Diisopropyl ether	6.019	45	146518	19.334	ug/l	98
23) Vinyl Acetate	5.958	43	393025	88.654	ug/l	97
24) 1,1-Dichloroethane	5.915	63	87762	19.368	ug/l	98
25) 2-Butanone	6.896	43	58067	84.875	ug/l	97
26) 2,2-Dichloropropane	6.884	77	80466	19.963	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	55969	19.950	ug/l	96
28) Bromochloromethane	7.244	49	37008	19.365	ug/l	97
29) Tetrahydrofuran	7.262	42	36847	83.685	ug/l	99
30) Chloroform	7.421	83	94079	19.961	ug/l	97
31) Cyclohexane	7.701	56	73610	17.820	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	83827	19.679	ug/l	98
36) 1,1-Dichloropropene	7.835	75	65141	19.708	ug/l	99
37) Ethyl Acetate	6.988	43	27182	17.425	ug/l	99
38) Carbon Tetrachloride	7.817	117	76529	20.216	ug/l	95
39) Methylcyclohexane	9.110	83	73981	18.737	ug/l	97
40) Benzene	8.079	78	200505	20.256	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	13421	16.201	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	53951	19.334	ug/l	99
43) Isopropyl Acetate	8.195	43	51125	17.295	ug/l	99
44) Trichloroethene	8.866	130	52215	20.703	ug/l	99
45) 1,2-Dichloropropane	9.146	63	47453	20.253	ug/l	99
46) Dibromomethane	9.231	93	27307	20.222	ug/l	97
47) Bromodichloromethane	9.427	83	72051	20.592	ug/l	94
48) Methyl methacrylate	9.225	41	23234	17.125	ug/l	96
49) 1,4-Dioxane	9.225	88	5471	378.208	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	136318	88.613	ug/l	99
52) Toluene	10.170	92	127076	20.577	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	59813	19.246	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	70823	19.317	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	35878	20.646	ug/l	97
56) Ethyl methacrylate	10.439	69	40810	18.392	ug/l	98
57) 1,3-Dichloropropane	10.719	76	60002	19.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	103796	95.891	ug/l	98
59) 2-Hexanone	10.762	43	88051	85.944	ug/l	99
60) Dibromochloromethane	10.914	129	47289	19.932	ug/l	99
61) 1,2-Dibromoethane	11.018	107	33081	20.294	ug/l	99
64) Tetrachloroethene	10.646	164	60092	21.862	ug/l	97
65) Chlorobenzene	11.444	112	138866	20.072	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	49969	20.357	ug/l	98
67) Ethyl Benzene	11.524	91	230909	19.464	ug/l	99
68) m/p-Xylenes	11.633	106	182436	40.159	ug/l	99
69) o-Xylene	11.957	106	81443	19.422	ug/l	98
70) Styrene	11.969	104	138284	19.778	ug/l	99
71) Bromoform	12.133	173	28102	20.071	ug/l #	99
73) Isopropylbenzene	12.255	105	221841	18.884	ug/l	99
74) N-amyl acetate	12.072	43	44442	16.120	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	37672	17.837	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	52977	33.791	ug/l #	100
77) Bromobenzene	12.536	156	53793	19.072	ug/l	97
78) n-propylbenzene	12.597	91	270970	19.186	ug/l	99
79) 2-Chlorotoluene	12.682	91	158892	19.370	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	186003	19.373	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11464	16.848	ug/l	96
82) 4-Chlorotoluene	12.780	91	164857	19.277	ug/l	98
83) tert-Butylbenzene	12.999	119	159804	18.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	188502	19.865	ug/l	100
85) sec-Butylbenzene	13.176	105	242157	19.377	ug/l	99
86) p-Isopropyltoluene	13.292	119	202698	19.624	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	110248	19.840	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	108605	19.781	ug/l	97
89) n-Butylbenzene	13.621	91	182734	19.129	ug/l	99
90) Hexachloroethane	13.883	117	44373	19.604	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	98004	20.260	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6051	18.485	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	54972	20.955	ug/l	98
94) Hexachlorobutadiene	15.029	225	36366	22.197	ug/l	97
95) Naphthalene	15.151	128	85351	19.629	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	47259	21.126	ug/l	100

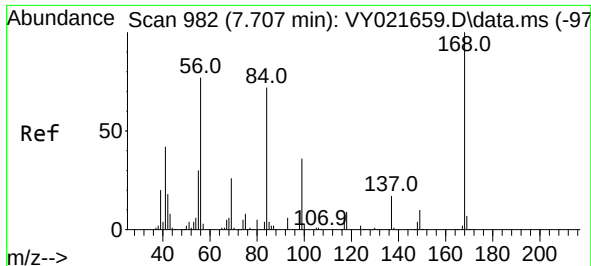
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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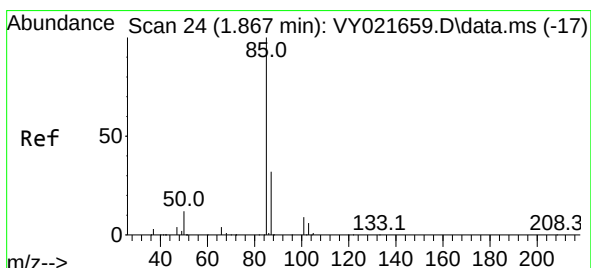
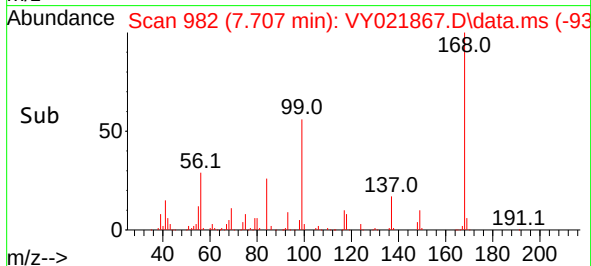
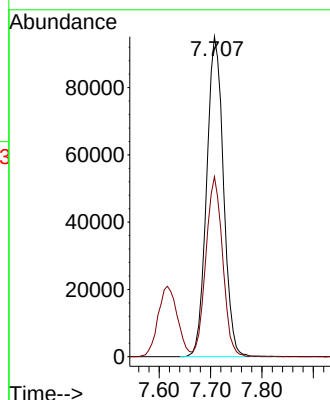
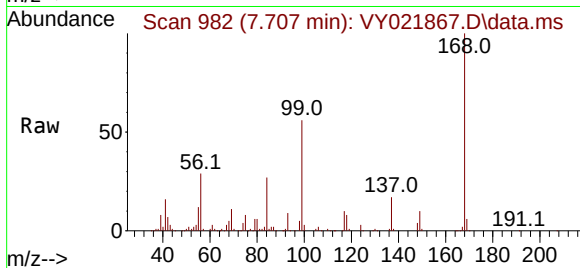
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

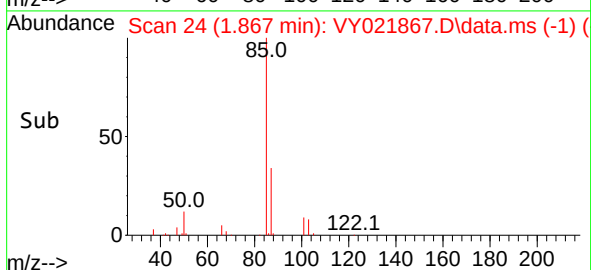
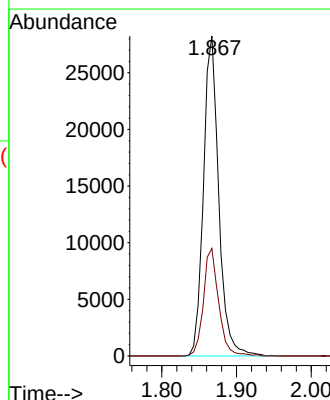
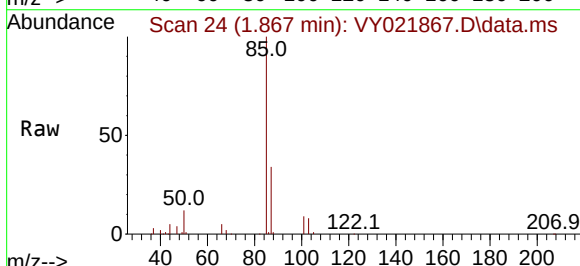
Instrument :
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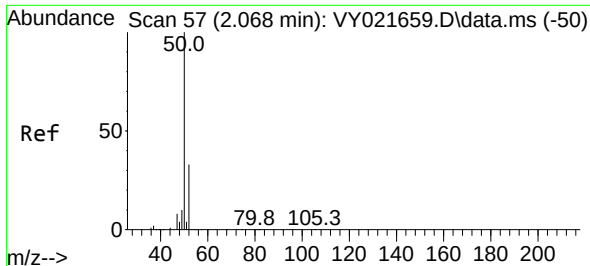
Tgt Ion:168 Resp: 216010
Ion Ratio Lower Upper
168 100
99 56.2 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 17.890 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 85 Resp: 40054
Ion Ratio Lower Upper
85 100
87 33.6 16.2 48.6

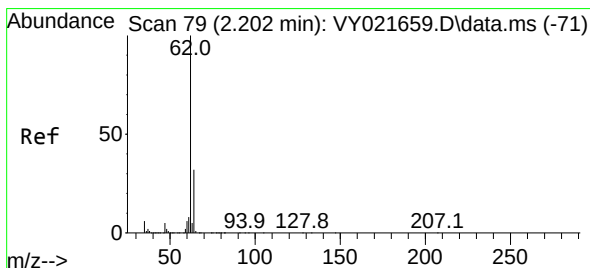
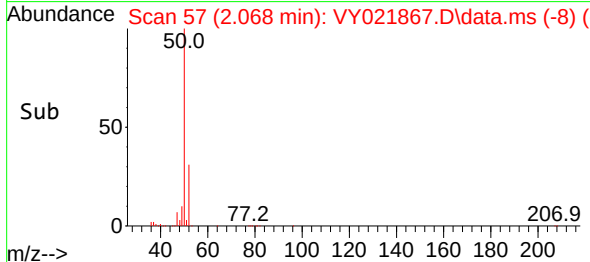
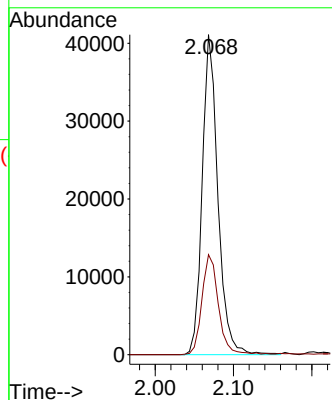
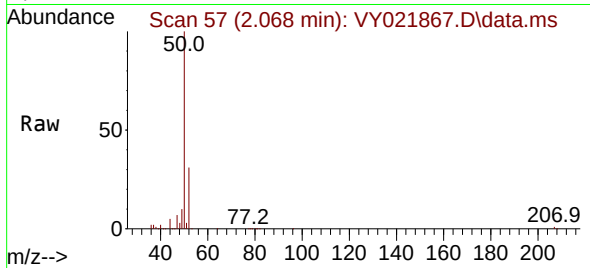




#3
Chloromethane
Concen: 18.139 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

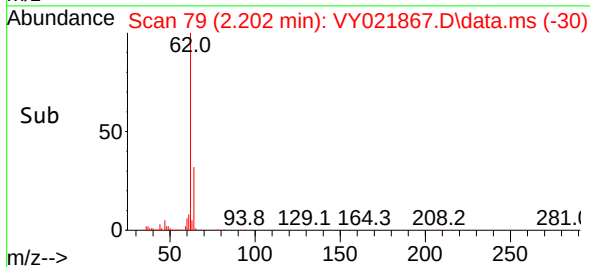
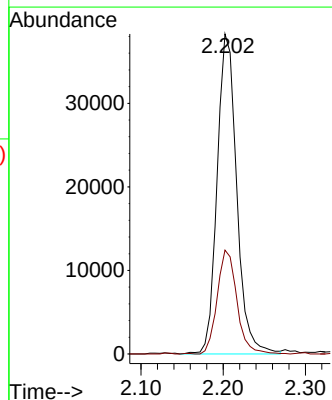
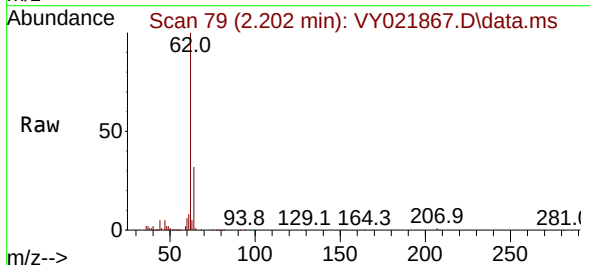
Instrument :
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ClientSampleId :
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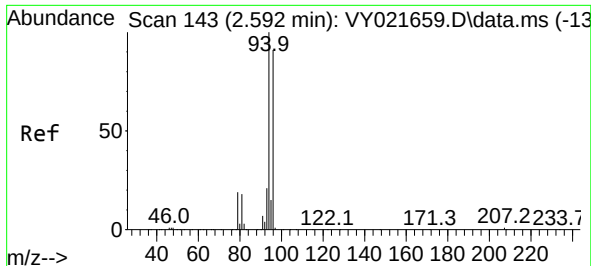
Tgt Ion: 50 Resp: 57106
Ion Ratio Lower Upper
50 100
52 31.2 26.3 39.5



#4
Vinyl Chloride
Concen: 17.835 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 62 Resp: 63497
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

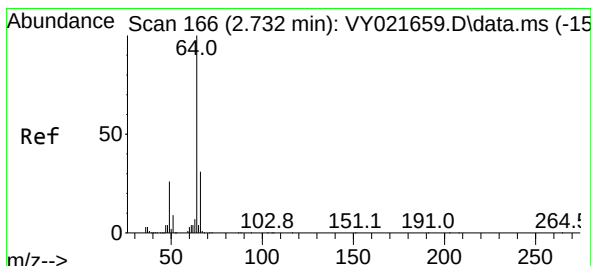
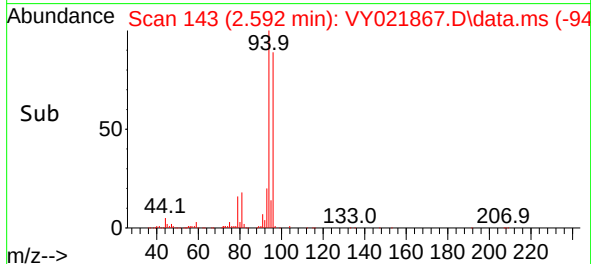
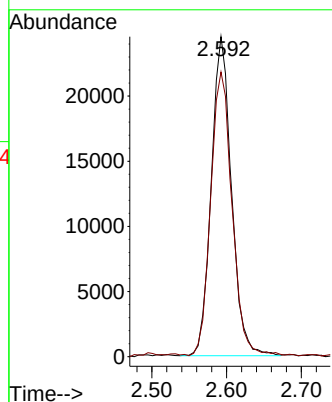
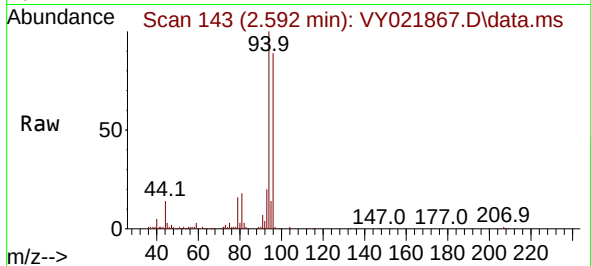




#5
Bromomethane
Concen: 18.970 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

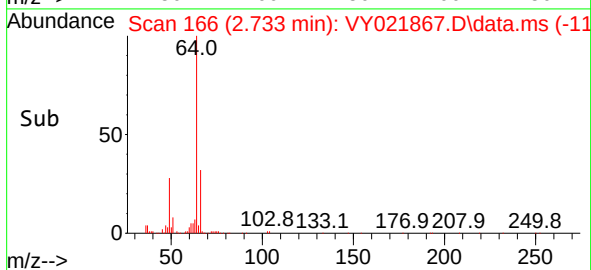
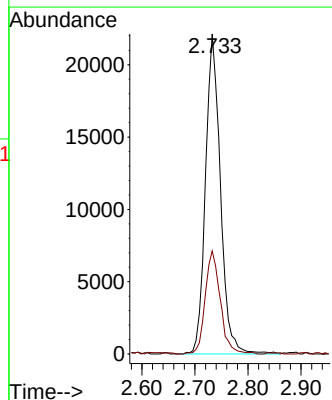
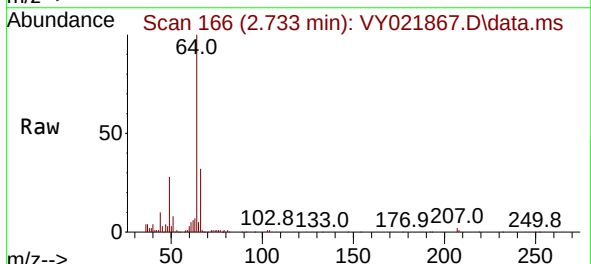
Instrument :
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ClientSampleId :
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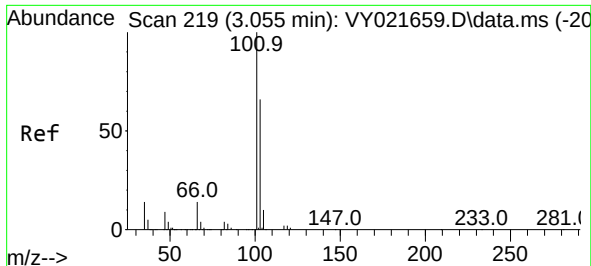
Tgt Ion: 94 Resp: 46064
Ion Ratio Lower Upper
94 100
96 88.7 72.8 109.2



#6
Chloroethane
Concen: 18.604 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 64 Resp: 43342
Ion Ratio Lower Upper
64 100
66 32.2 24.9 37.3

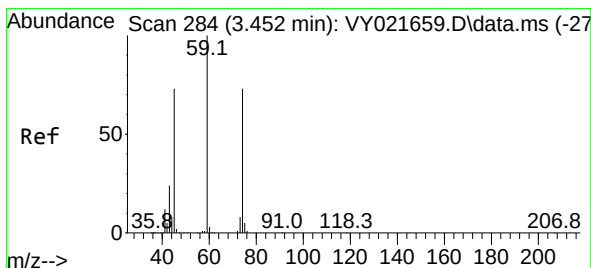
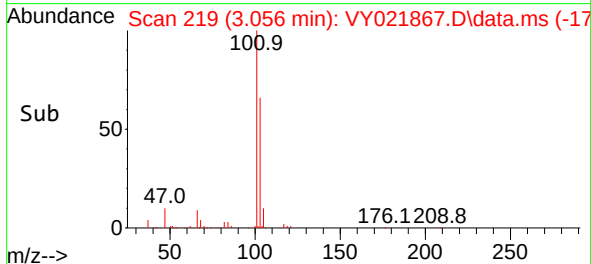
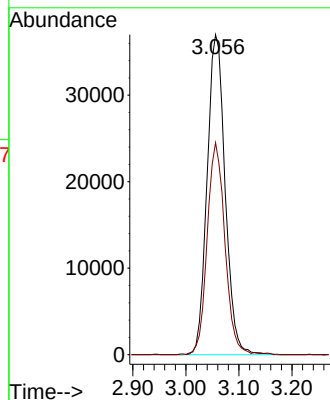
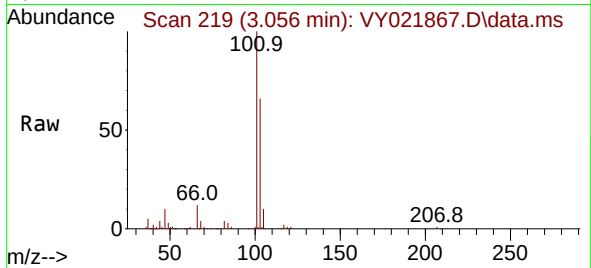




#7
 Trichlorofluoromethane
 Concen: 19.149 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

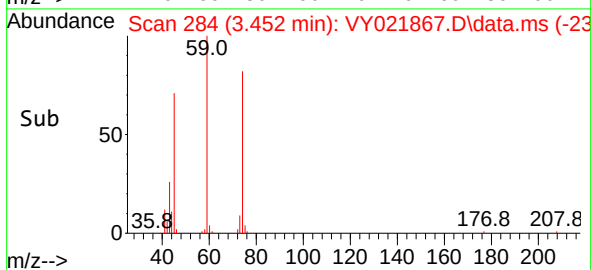
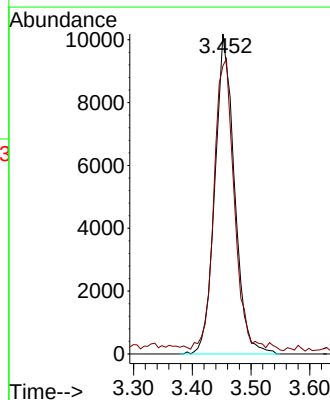
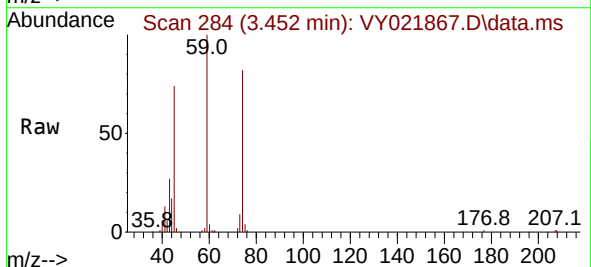
Instrument :
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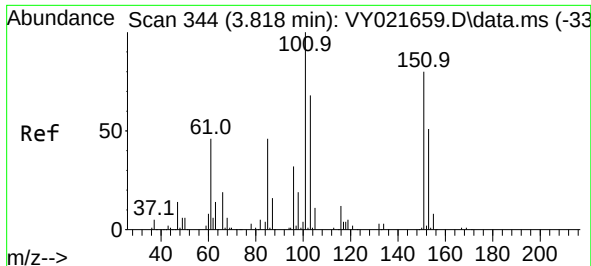
Tgt Ion:101 Resp: 87334
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.023 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

Tgt Ion: 74 Resp: 23594
 Ion Ratio Lower Upper
 74 100
 45 92.8 48.6 145.8

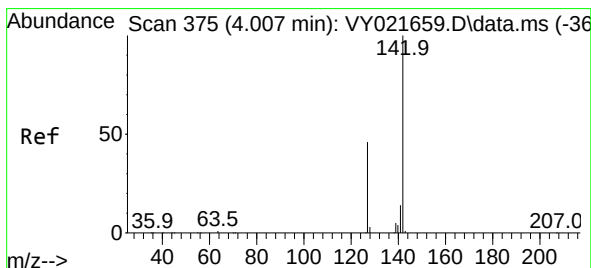
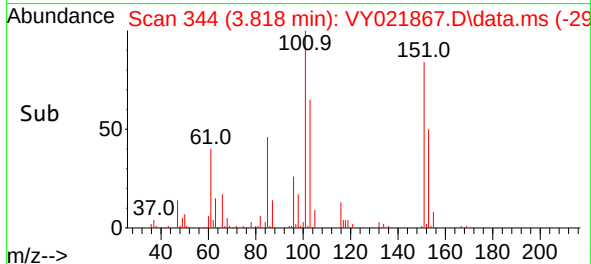
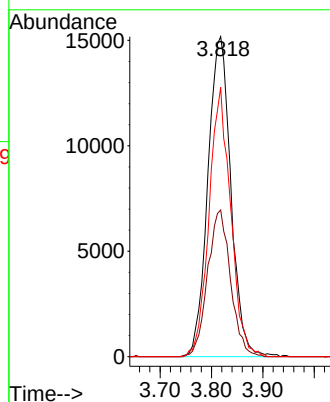
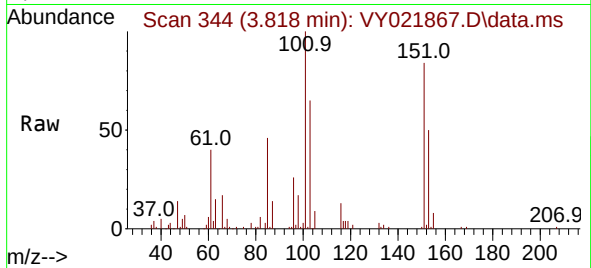




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.566 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021867.D
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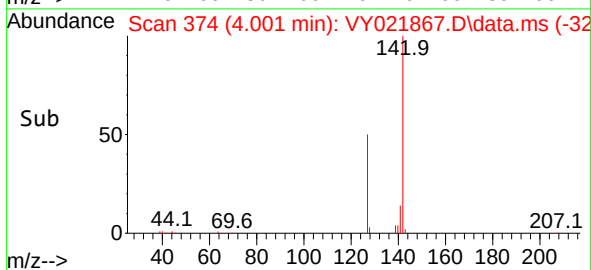
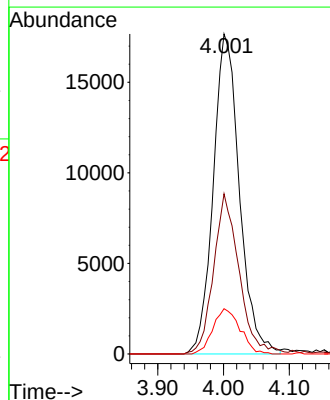
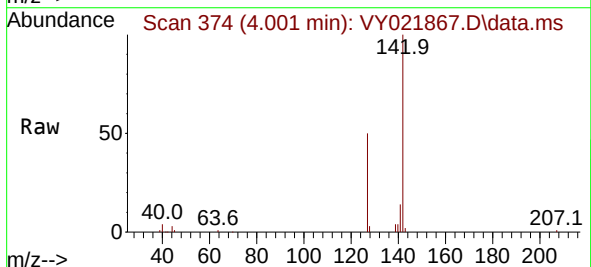
Instrument :
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ClientSampleId :
VY0414SBS01

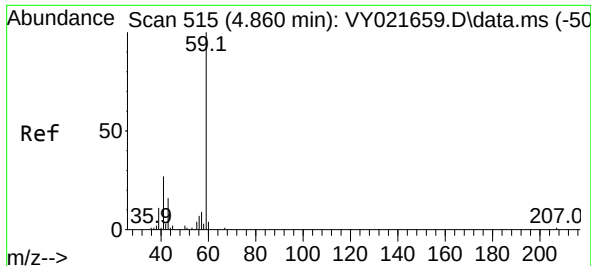
Tgt Ion:	101	Resp:	47066
Ion	Ratio	Lower	Upper
101	100		
85	45.8	36.3	54.5
151	79.2	61.3	91.9



#10
Methyl Iodide
Concen: 18.548 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion:	142	Resp:	48946
Ion	Ratio	Lower	Upper
142	100		
127	48.7	38.7	58.1
141	14.7	11.5	17.3

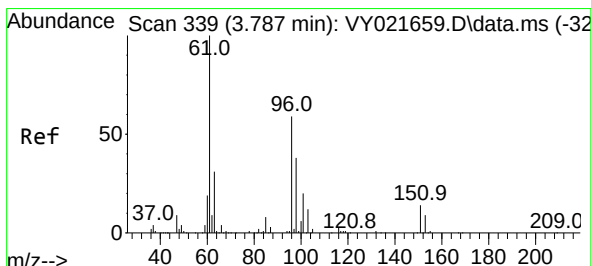
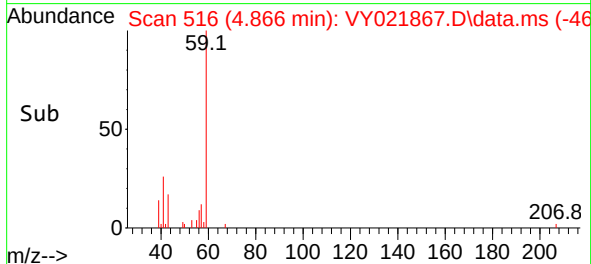
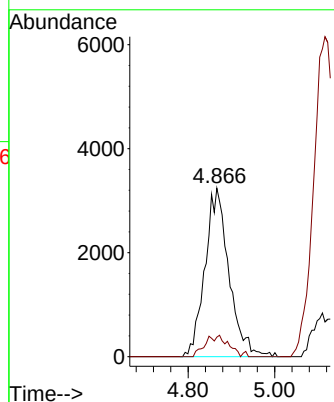
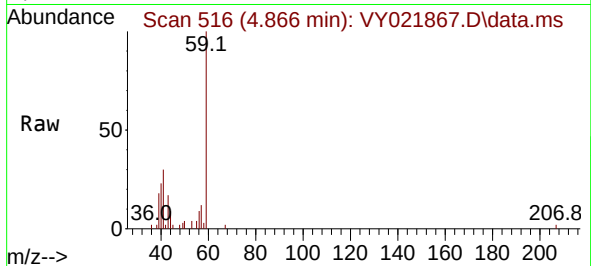




#11
Tert butyl alcohol
Concen: 82.196 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

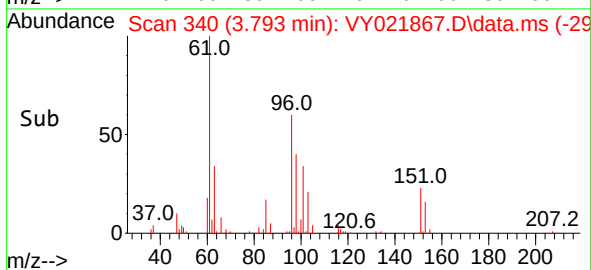
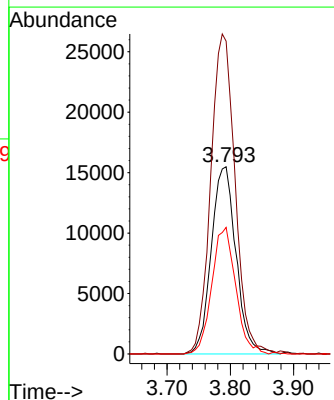
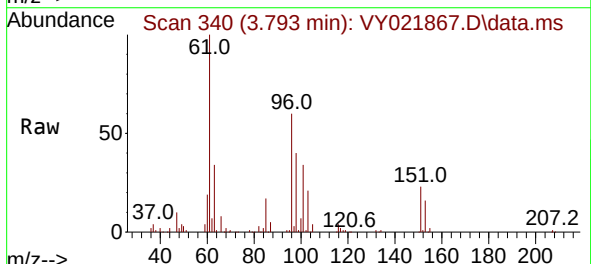
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

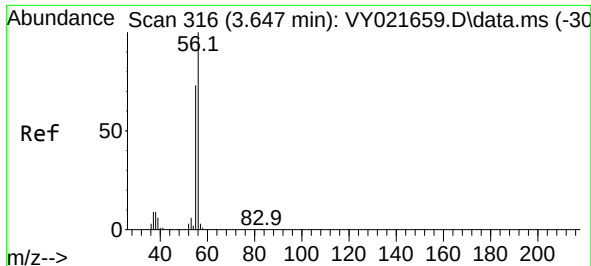
Tgt Ion: 59 Resp: 12495
Ion Ratio Lower Upper
59 100
57 5.5 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 18.541 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 96 Resp: 42009
Ion Ratio Lower Upper
96 100
61 167.1 136.6 204.8
98 67.6 52.3 78.5





#13

Acrolein

Concen: 39.781 ug/l

RT: 3.653 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

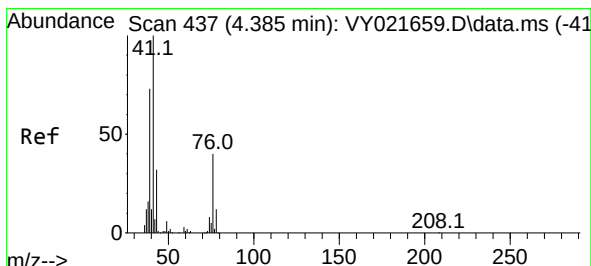
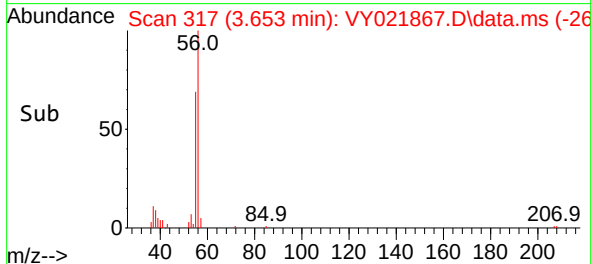
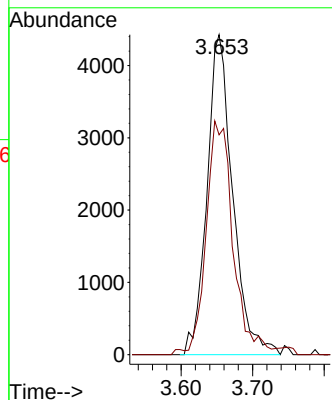
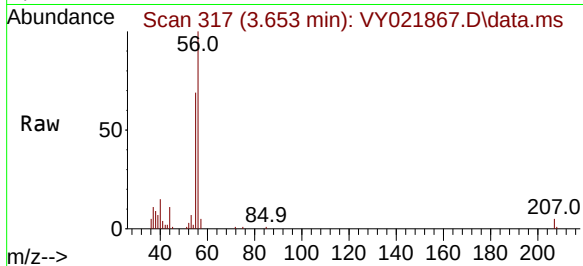
VY0414SBS01

Tgt Ion: 56 Resp: 11042

Ion Ratio Lower Upper

56 100

55 76.5 56.6 85.0



#14

Allyl chloride

Concen: 18.270 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

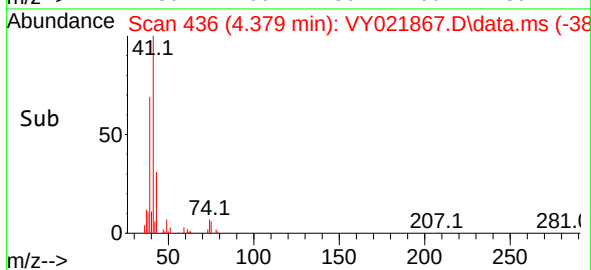
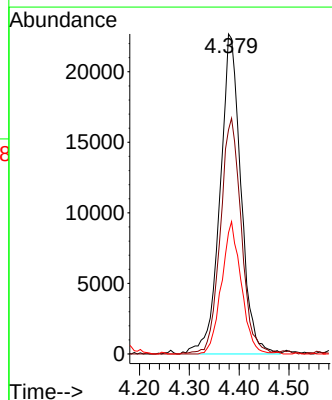
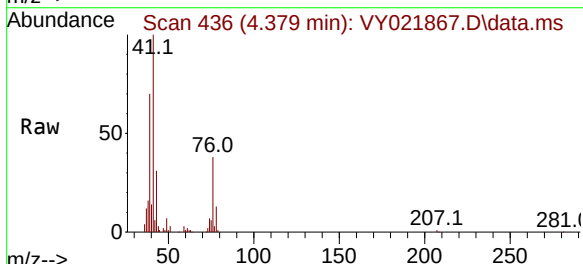
Tgt Ion: 41 Resp: 65999

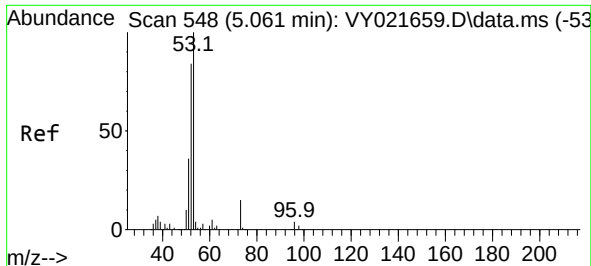
Ion Ratio Lower Upper

41 100

39 73.9 58.6 88.0

76 39.1 30.3 45.5

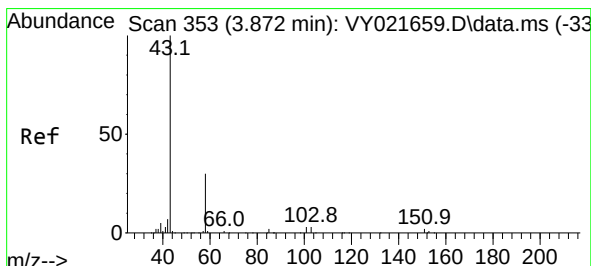
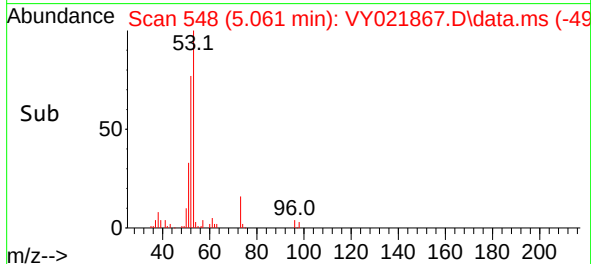
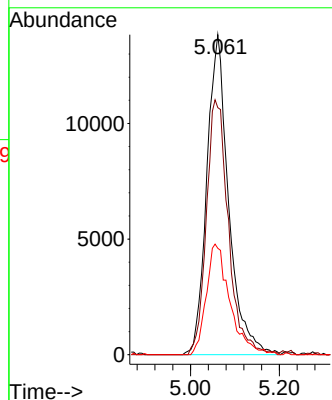
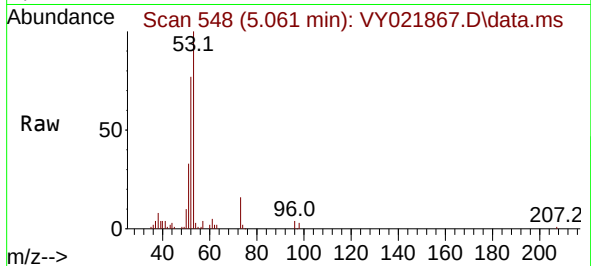




#15
Acrylonitrile
Concen: 91.147 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

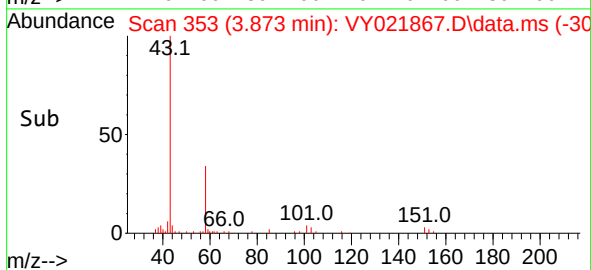
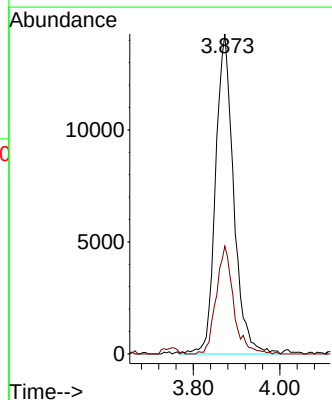
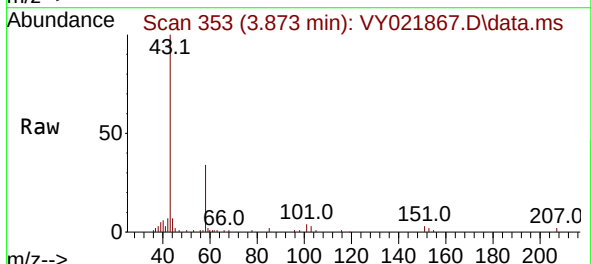
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

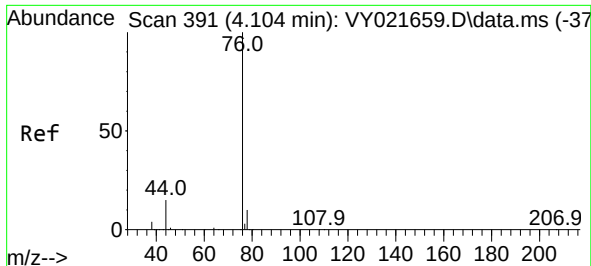
Tgt Ion: 53 Resp: 47202
Ion Ratio Lower Upper
53 100
52 80.5 64.9 97.3
51 37.6 30.2 45.2



#16
Acetone
Concen: 86.760 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 43 Resp: 41557
Ion Ratio Lower Upper
43 100
58 33.7 24.2 36.4

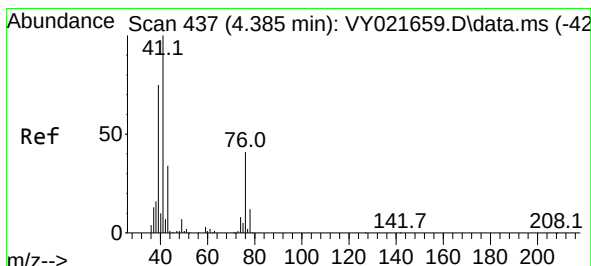
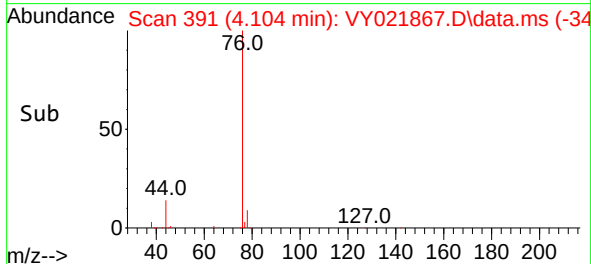
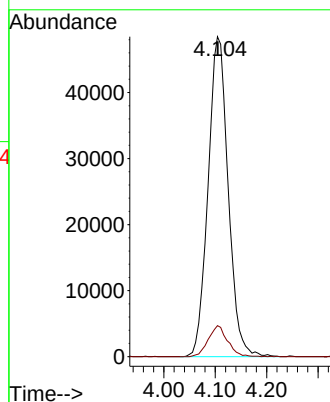
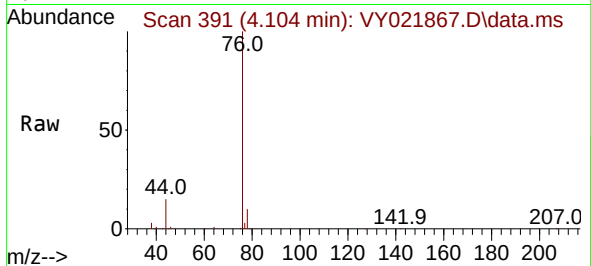




#17
Carbon Disulfide
Concen: 17.644 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

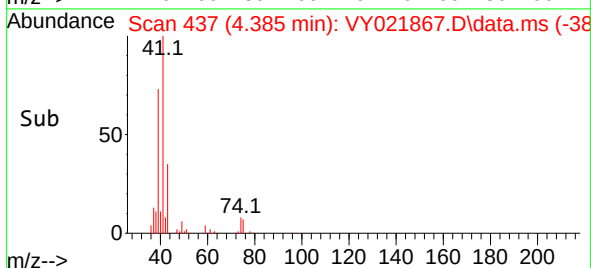
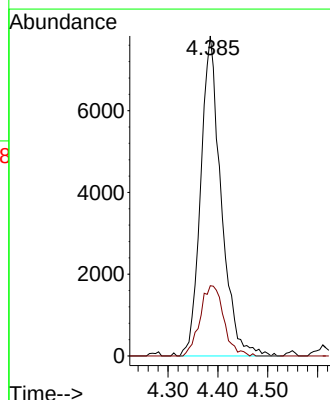
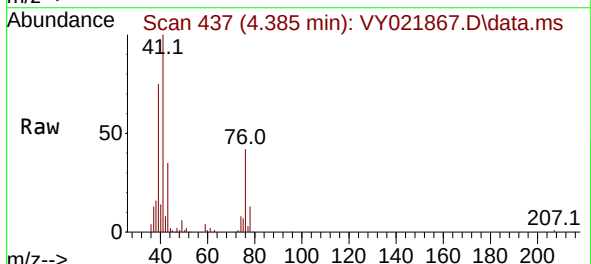
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

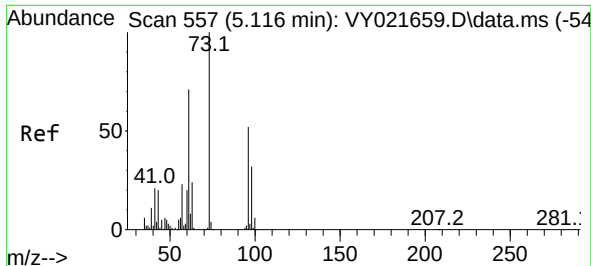
Tgt Ion: 76 Resp: 131675
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4



#18
Methyl Acetate
Concen: 18.795 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 43 Resp: 22312
Ion Ratio Lower Upper
43 100
74 25.4 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 18.398 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

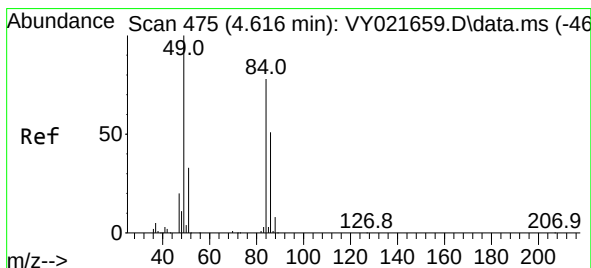
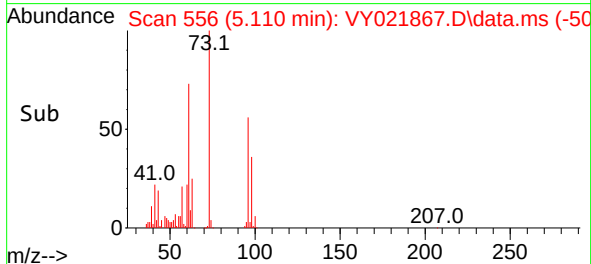
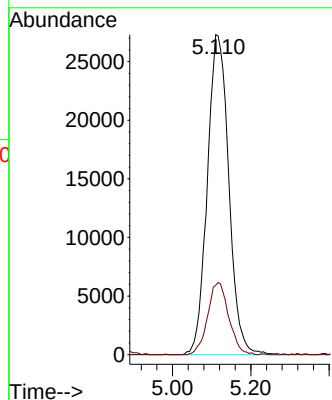
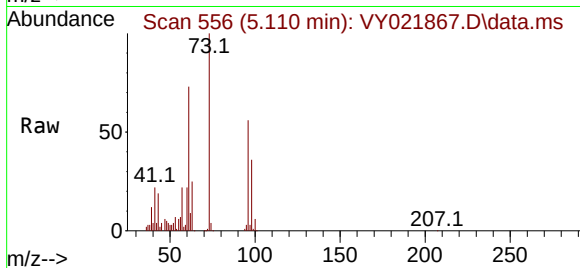
VY0414SBS01

Tgt Ion: 73 Resp: 103783

Ion Ratio Lower Upper

73 100

57 21.7 18.1 27.1



#20

Methylene Chloride

Concen: 20.196 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Tgt Ion: 84 Resp: 52740

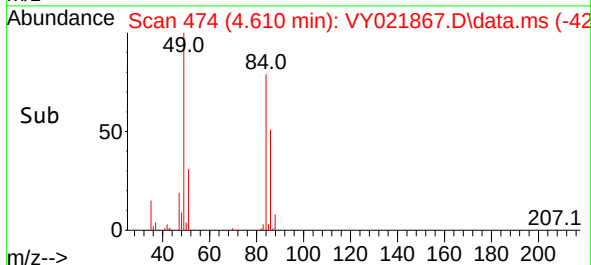
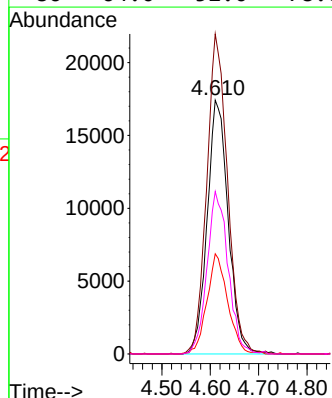
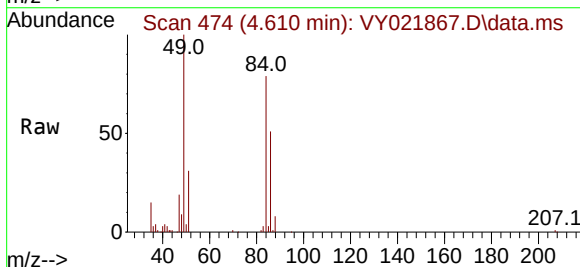
Ion Ratio Lower Upper

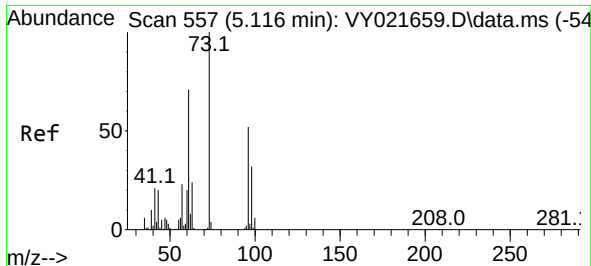
84 100

49 126.1 102.8 154.2

51 39.5 33.5 50.3

86 64.0 52.0 78.0

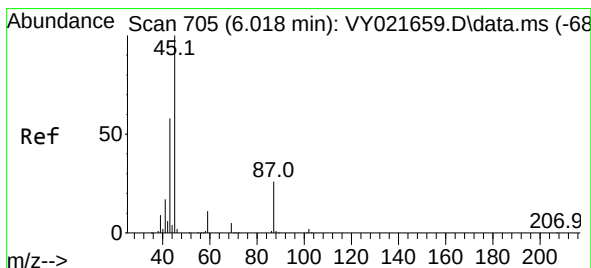
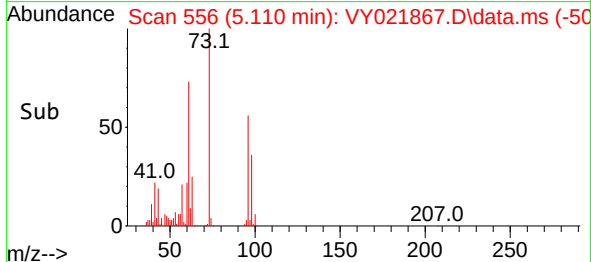
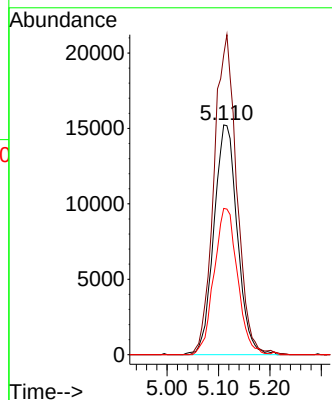
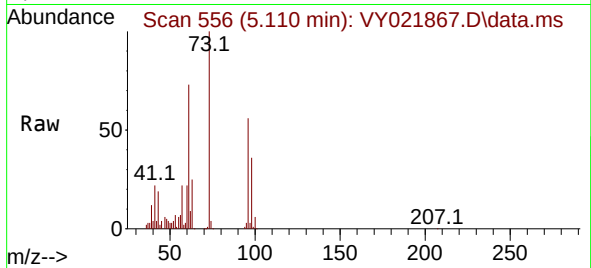




#21
trans-1,2-Dichloroethene
Concen: 19.321 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.006 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

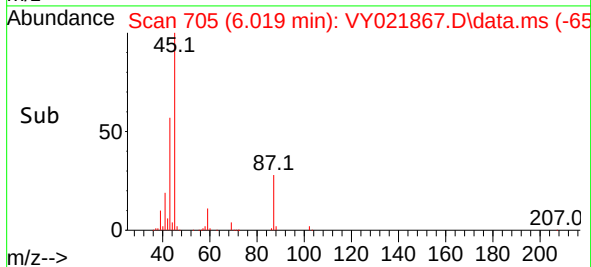
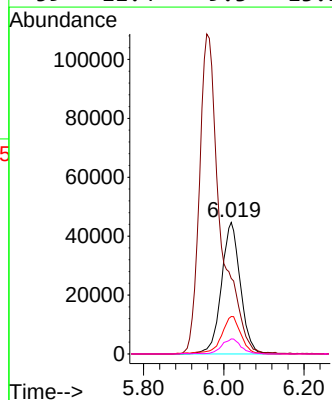
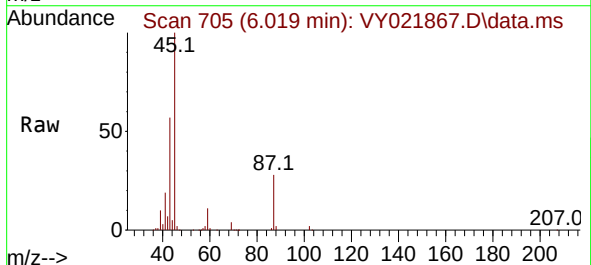
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

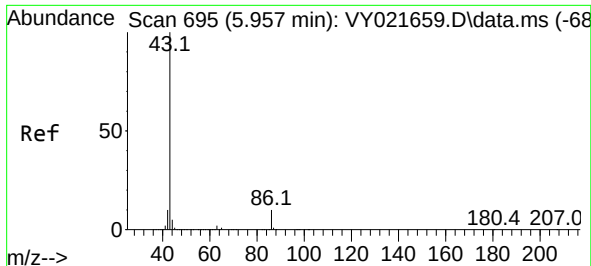
Tgt Ion: 96 Resp: 48198
Ion Ratio Lower Upper
96 100
61 130.5 109.4 164.0
98 63.7 50.2 75.2



#22
Diisopropyl ether
Concen: 19.334 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 45 Resp: 146518
Ion Ratio Lower Upper
45 100
43 57.1 46.6 69.8
87 28.4 20.7 31.1
59 11.4 9.3 13.9

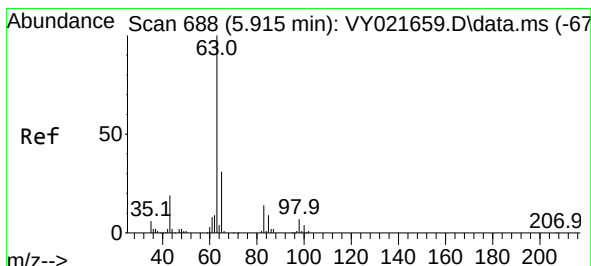
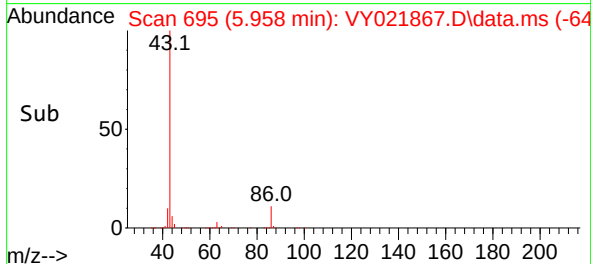
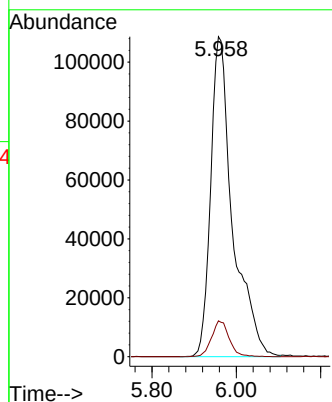
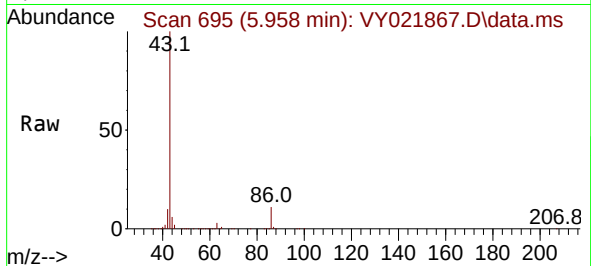




#23
 Vinyl Acetate
 Concen: 88.654 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

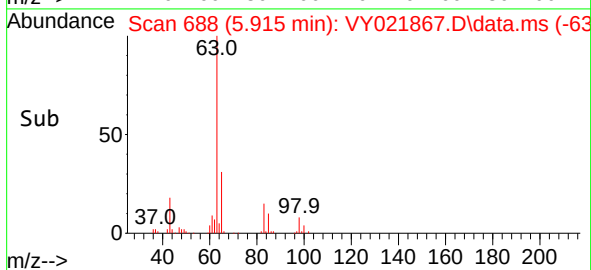
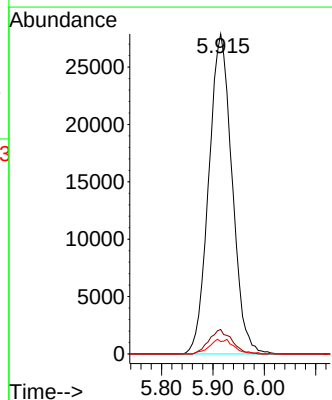
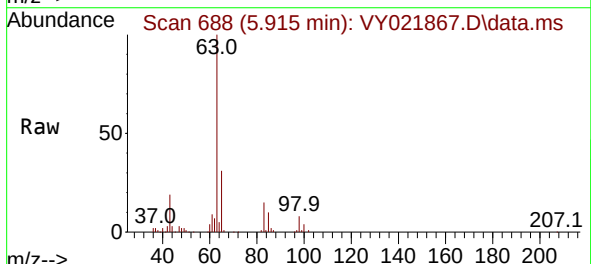
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

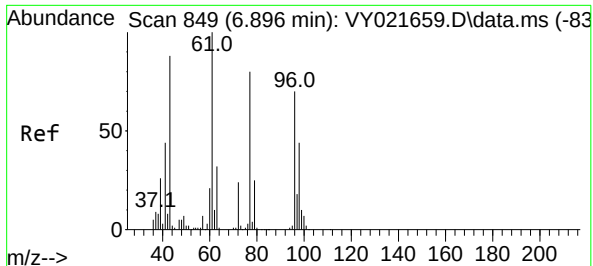
Tgt Ion: 43 Resp: 393025
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.368 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

Tgt Ion: 63 Resp: 87762
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 3.9 2.2 6.6

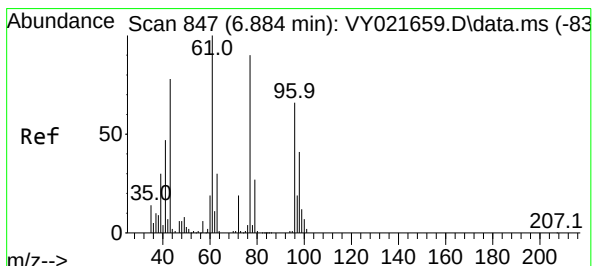
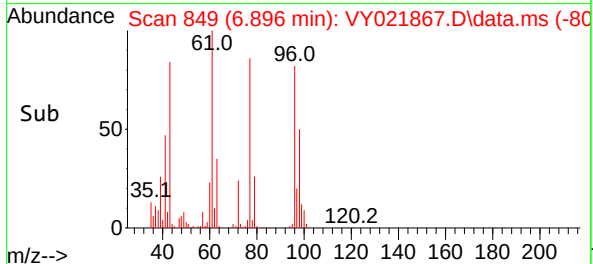
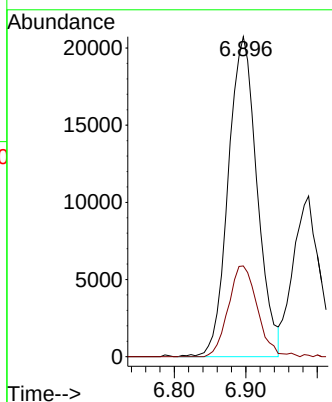
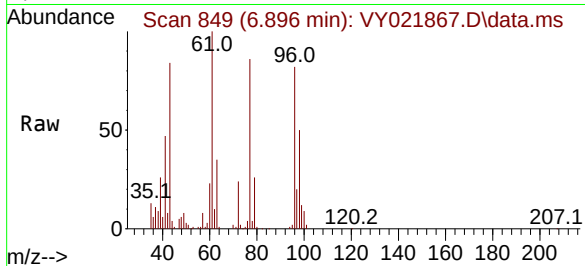




#25
2-Butanone
Concen: 84.875 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

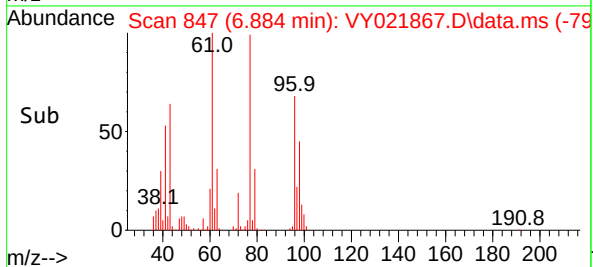
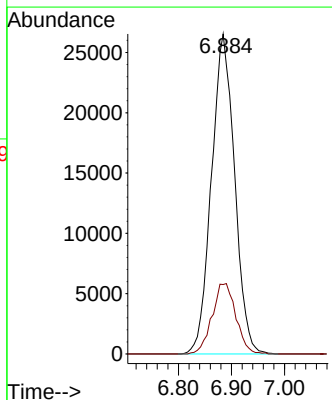
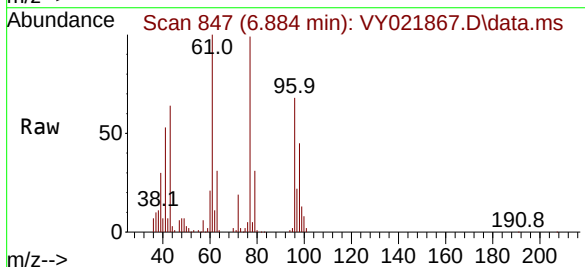
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

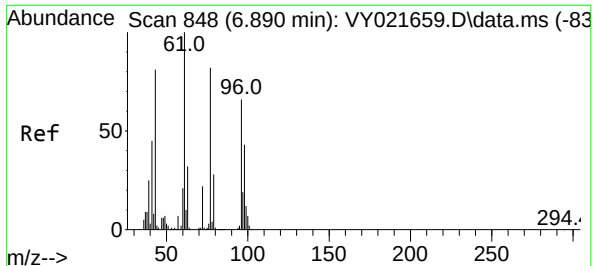
Tgt Ion: 43 Resp: 58067
Ion Ratio Lower Upper
43 100
72 28.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.963 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 77 Resp: 80466
Ion Ratio Lower Upper
77 100
97 22.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.950 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

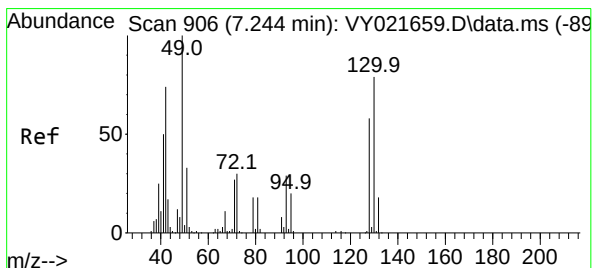
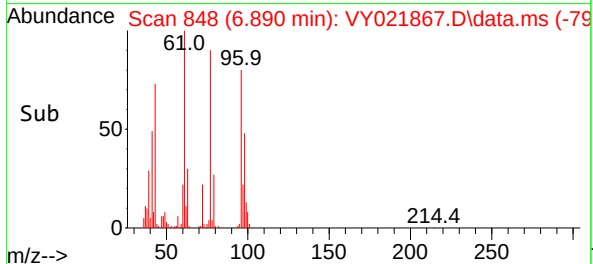
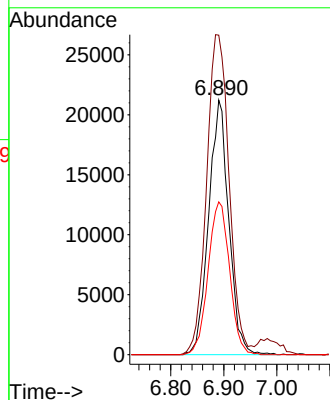
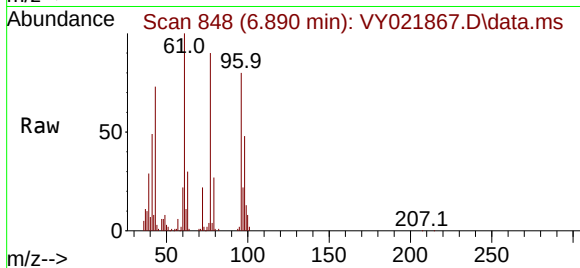
Tgt Ion: 96 Resp: 55969

Ion Ratio Lower Upper

96 100

61 141.0 0.0 296.4

98 64.0 0.0 128.0



#28

Bromochloromethane

Concen: 19.365 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

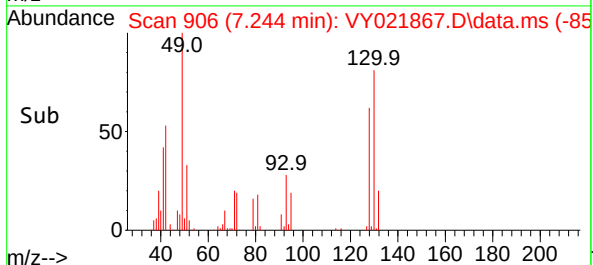
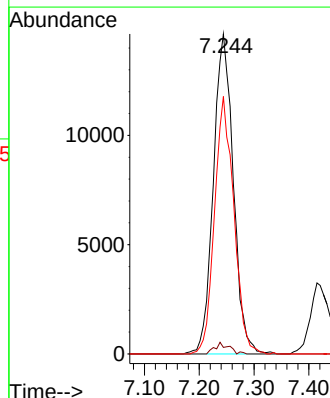
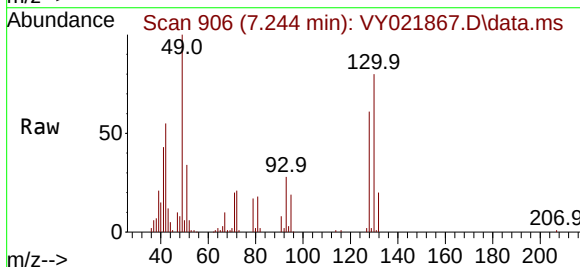
Tgt Ion: 49 Resp: 37008

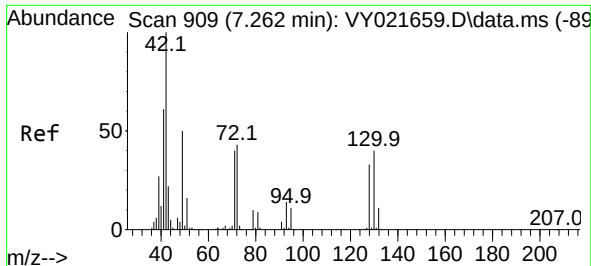
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.4

130 78.0 60.1 90.1





#29

Tetrahydrofuran

Concen: 83.685 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

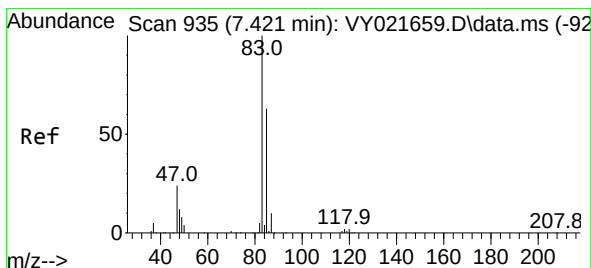
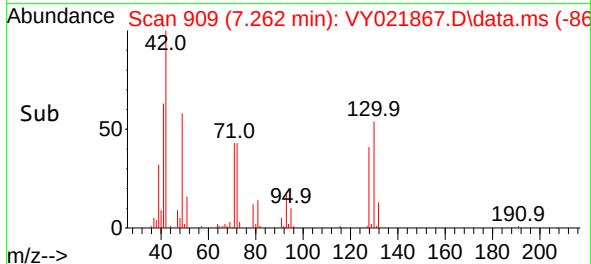
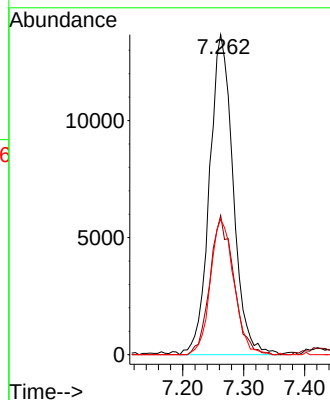
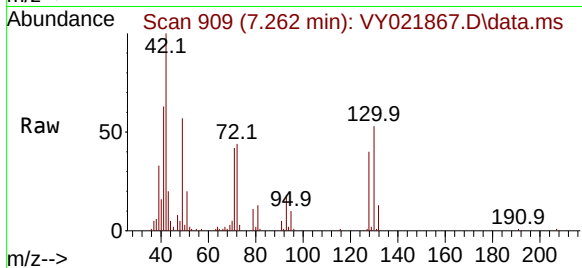
Tgt Ion: 42 Resp: 36847

Ion Ratio Lower Upper

42 100

72 43.7 34.6 52.0

71 42.1 32.5 48.7



#30

Chloroform

Concen: 19.961 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021867.D

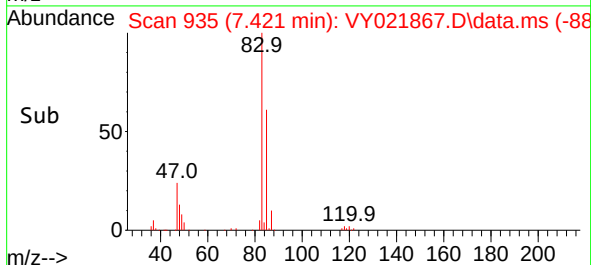
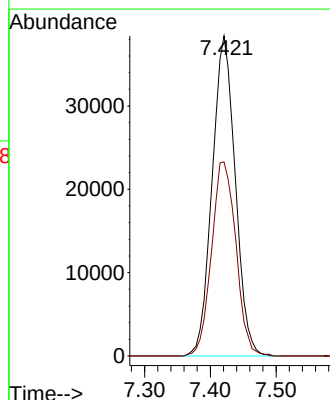
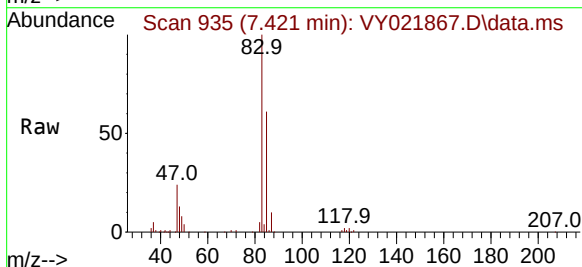
Acq: 14 Apr 2025 11:06

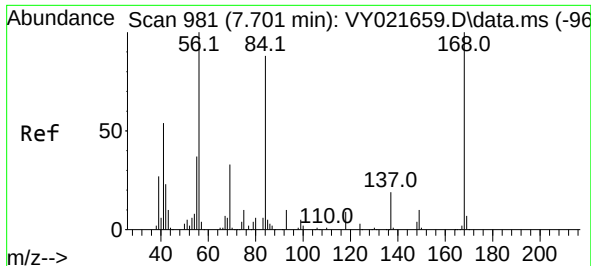
Tgt Ion: 83 Resp: 94079

Ion Ratio Lower Upper

83 100

85 60.7 50.6 75.8

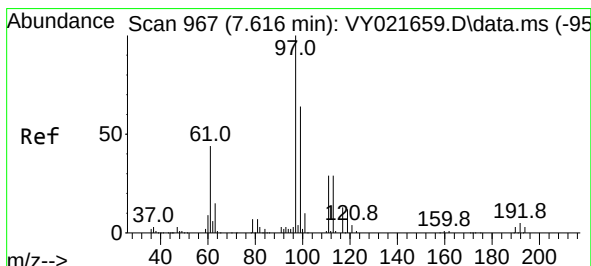
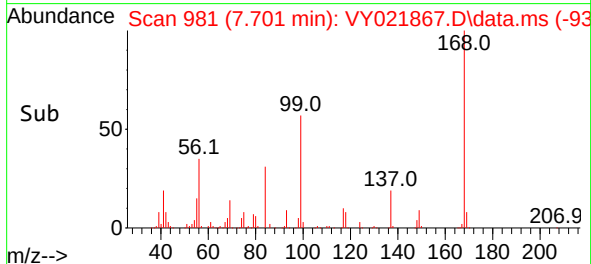
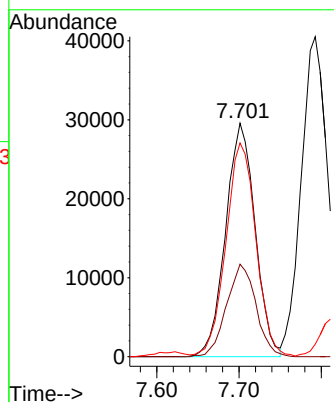
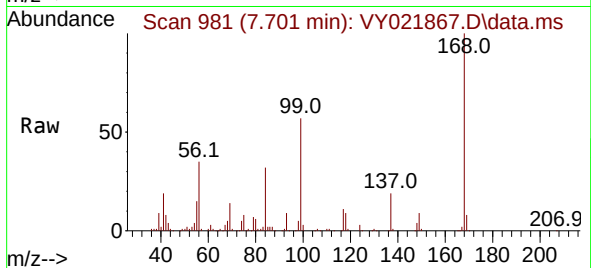




#31
Cyclohexane
Concen: 17.820 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

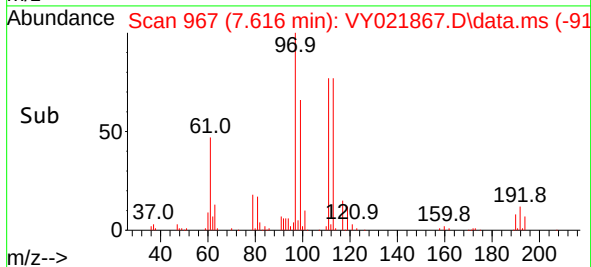
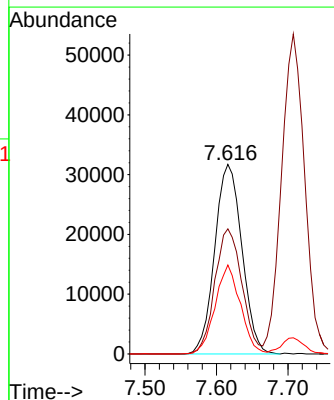
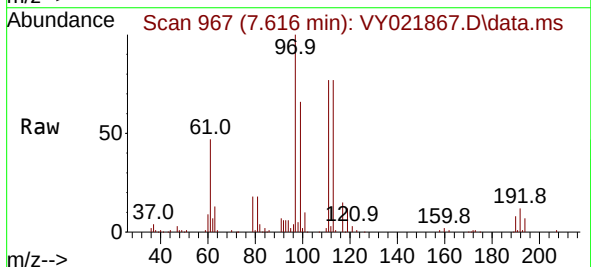
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

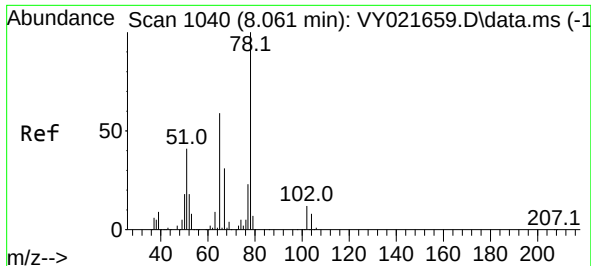
Tgt Ion: 56 Resp: 73610
Ion Ratio Lower Upper
56 100
69 39.6 26.6 40.0
84 90.0 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.679 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 97 Resp: 83827
Ion Ratio Lower Upper
97 100
99 65.9 50.7 76.1
61 43.7 35.2 52.8

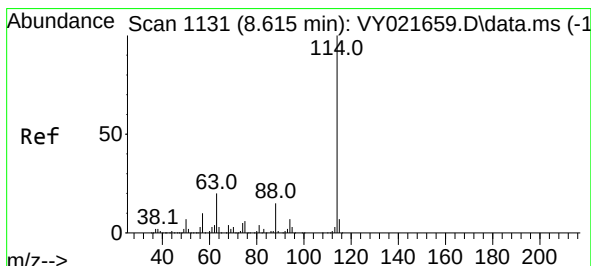
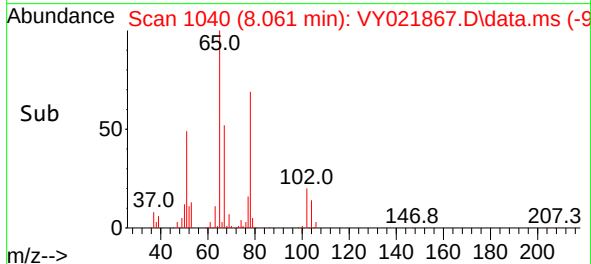
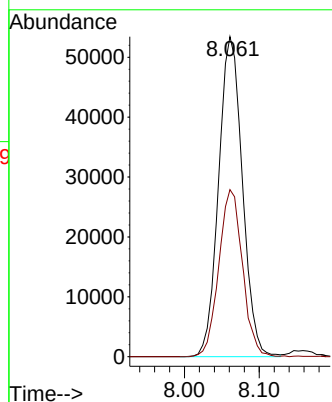
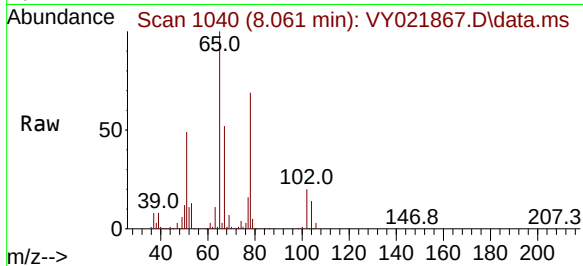




#33
 1,2-Dichloroethane-d4
 Concen: 50.578 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

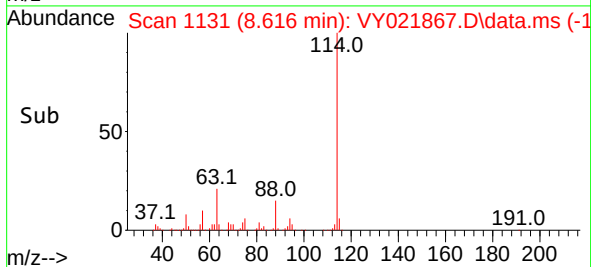
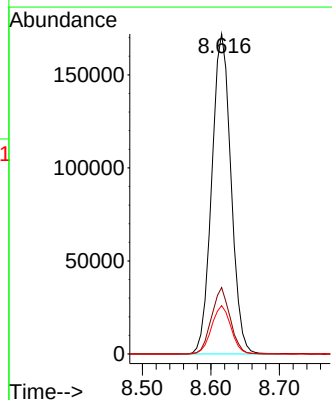
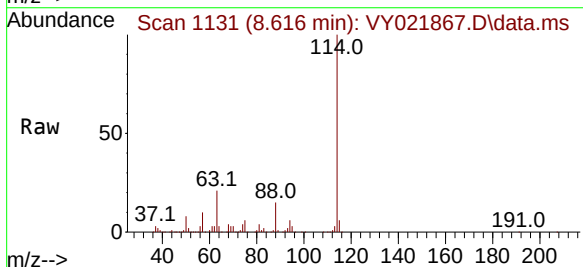
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

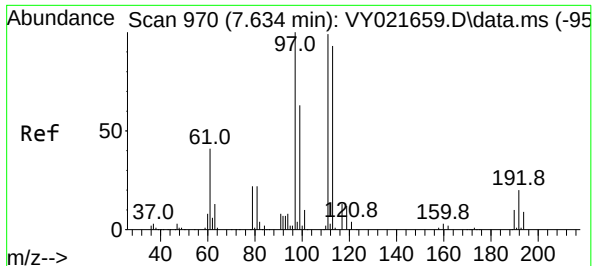
Tgt Ion: 65 Resp: 118373
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

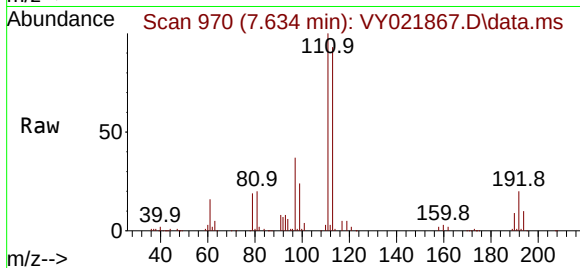
Tgt Ion: 114 Resp: 334525
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.1 0.0 29.8



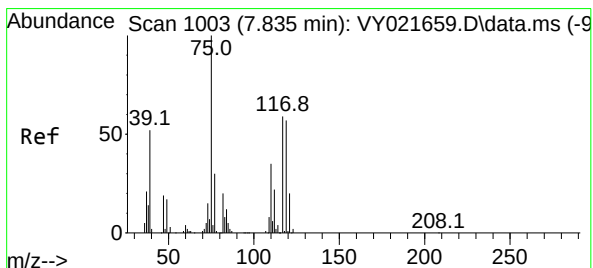
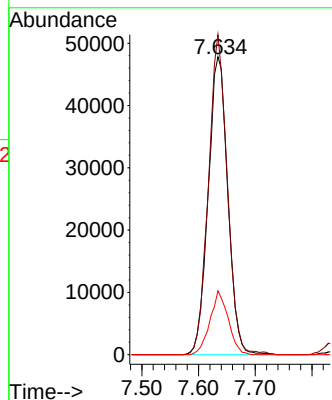
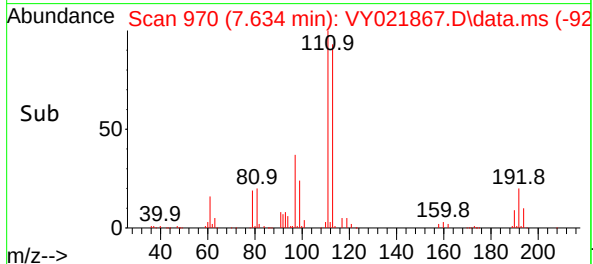


#35
Dibromofluoromethane
Concen: 52.956 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

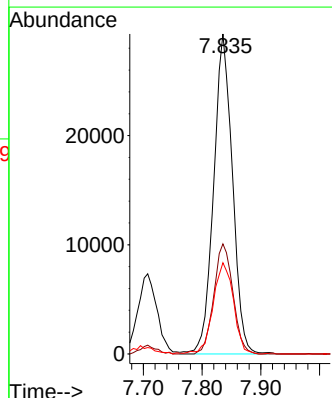
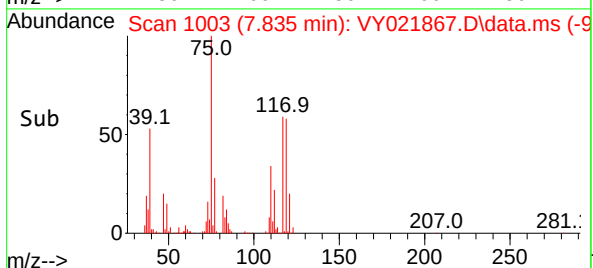
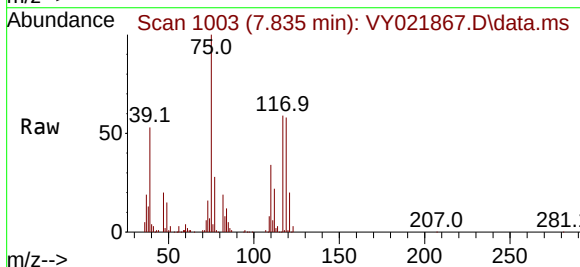


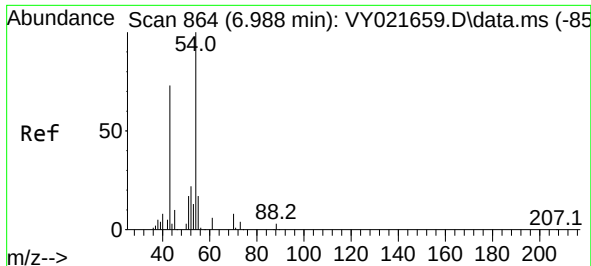
Tgt Ion:113 Resp: 114916
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 20.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.708 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 75 Resp: 65141
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 30.9 24.8 37.2

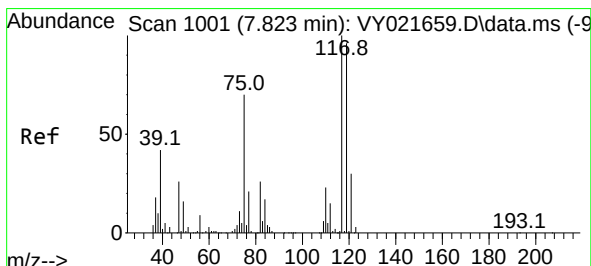
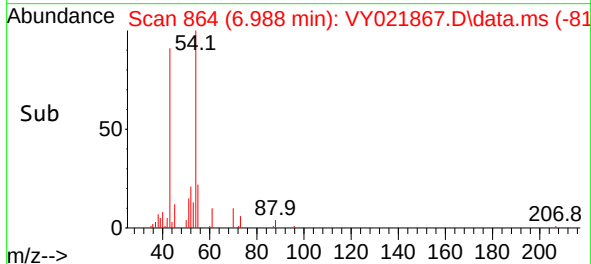
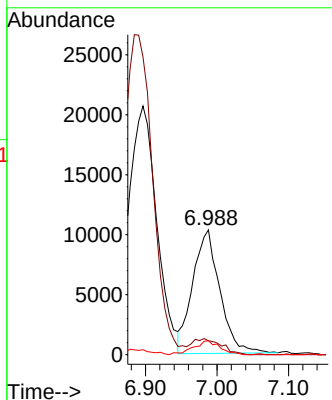
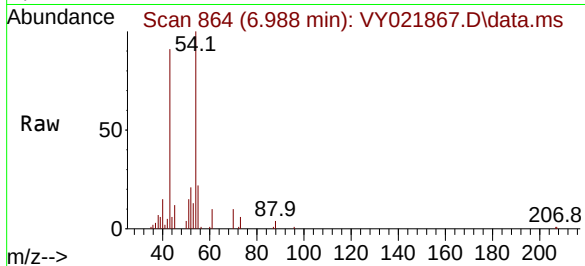




#37
Ethyl Acetate
Concen: 17.425 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

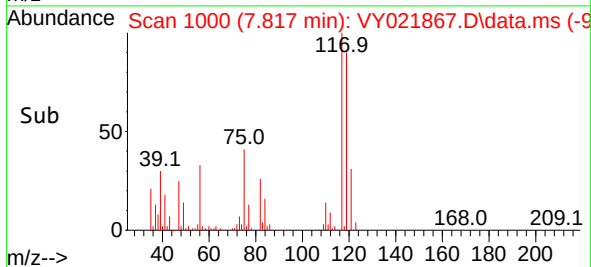
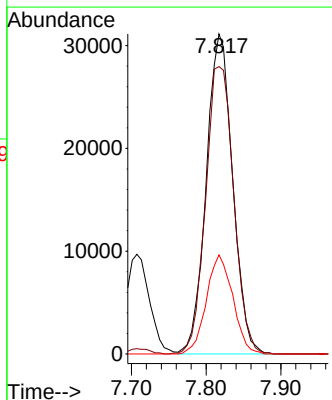
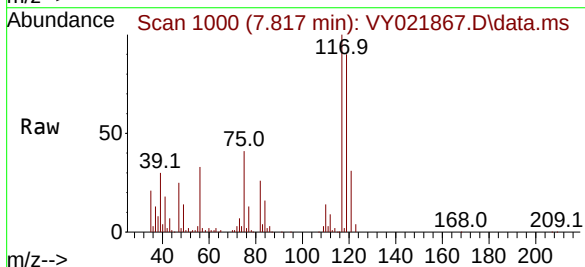
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

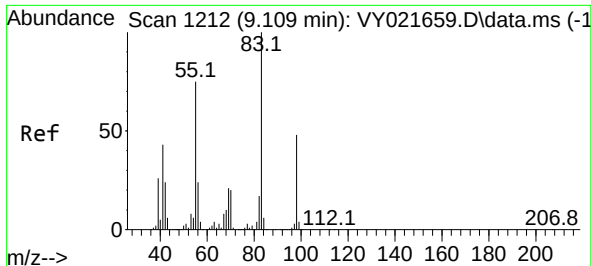
Tgt Ion:	43	Resp:	27182
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	10.9	8.1	12.1



#38
Carbon Tetrachloride
Concen: 20.216 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion:	117	Resp:	76529
Ion	Ratio	Lower	Upper
117	100		
119	89.8	76.2	114.4
121	30.9	24.2	36.4





#39

Methylcyclohexane

Concen: 18.737 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

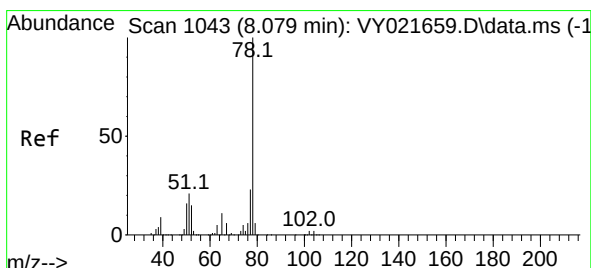
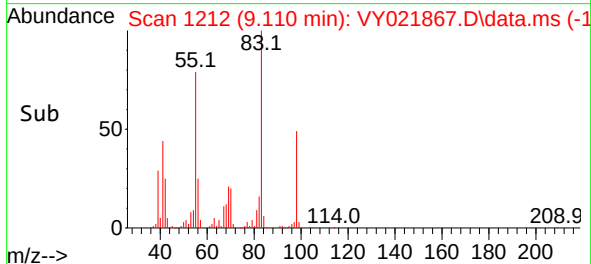
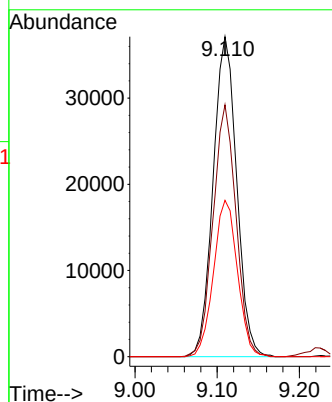
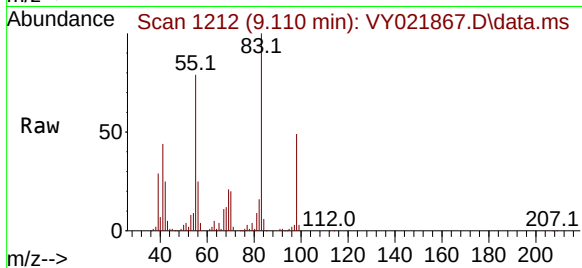
Tgt Ion: 83 Resp: 73981

Ion Ratio Lower Upper

83 100

55 78.7 59.7 89.5

98 48.8 38.3 57.5



#40

Benzene

Concen: 20.256 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021867.D

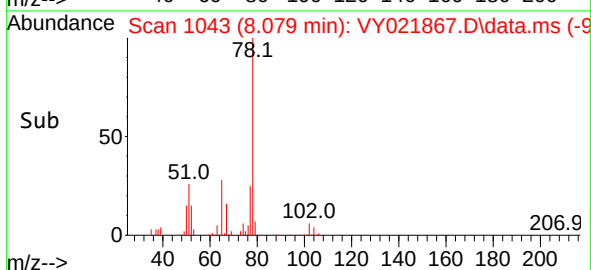
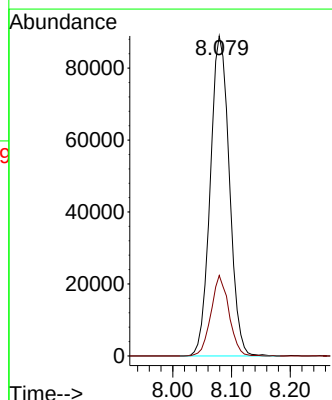
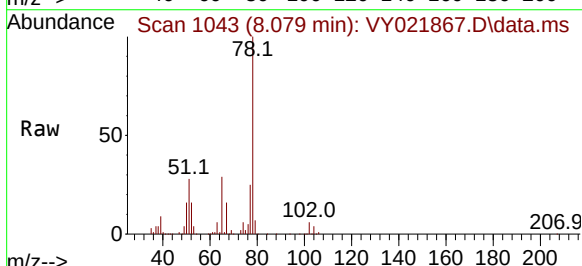
Acq: 14 Apr 2025 11:06

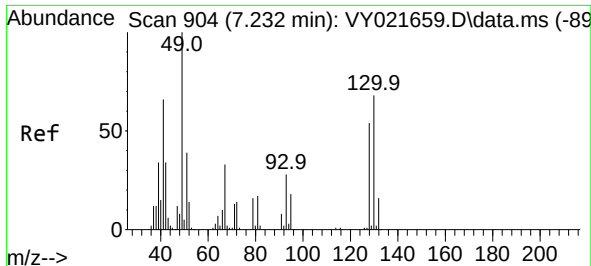
Tgt Ion: 78 Resp: 200505

Ion Ratio Lower Upper

78 100

77 25.1 18.8 28.2

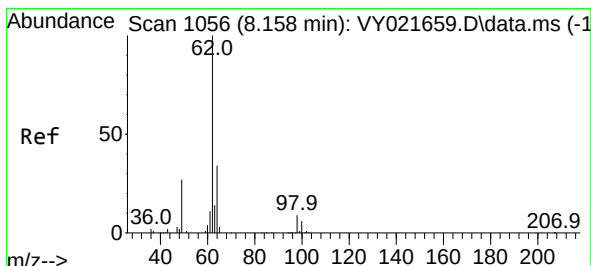
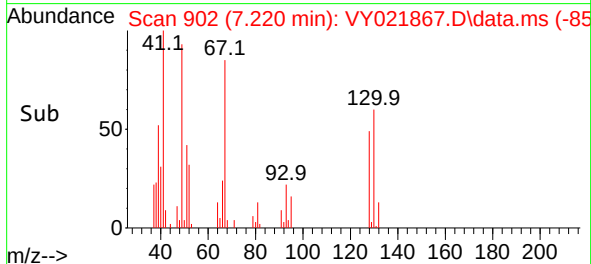
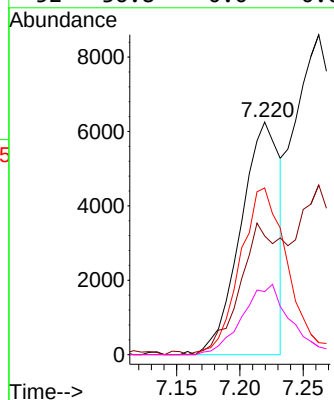
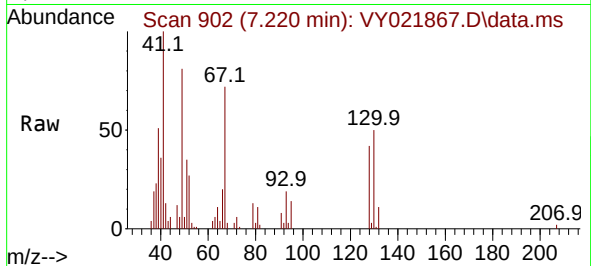




#41
Methacrylonitrile
Concen: 16.201 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

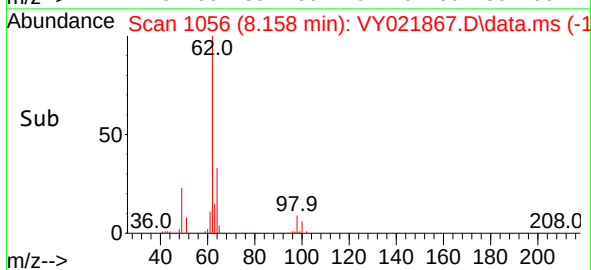
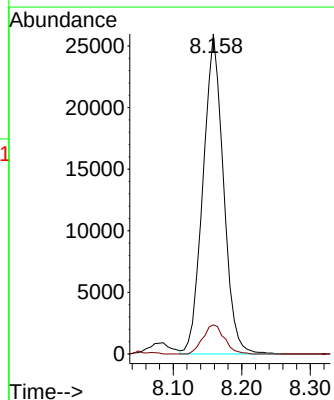
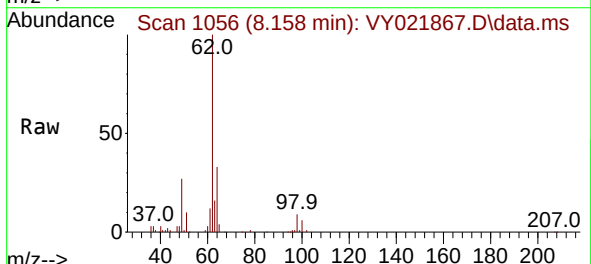
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

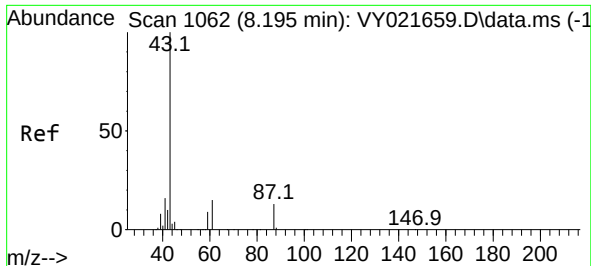
Tgt Ion:	41	Resp:	13421
Ion	Ratio	Lower	Upper
41	100		
39	64.1	0.0	0.0#
67	88.0	0.0	0.0#
52	36.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.334 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion:	62	Resp:	53951
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4

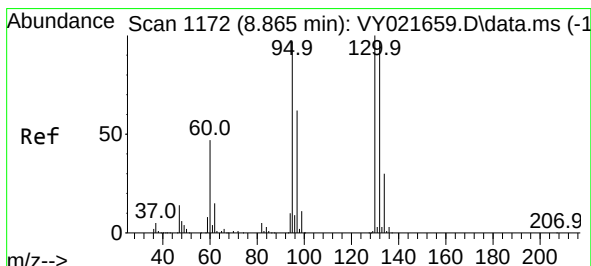
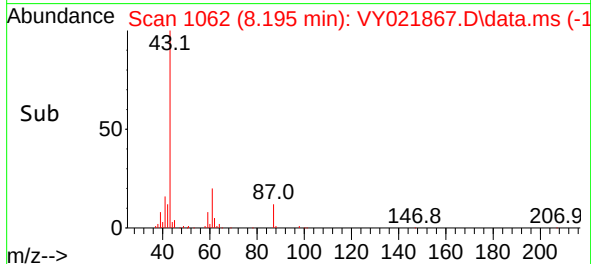
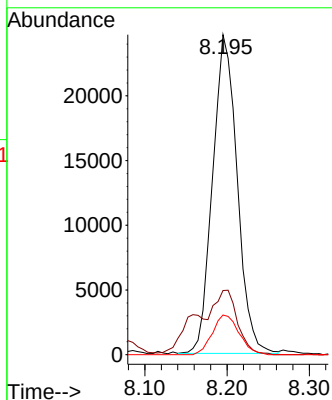
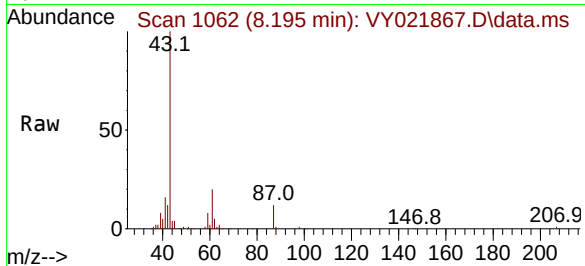




#43
Isopropyl Acetate
Concen: 17.295 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

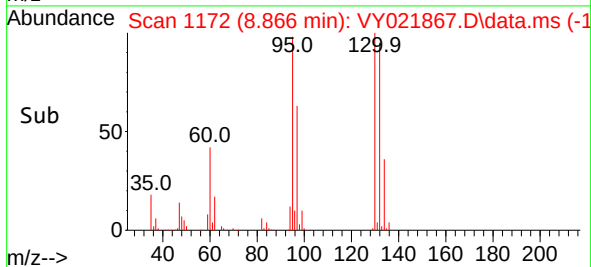
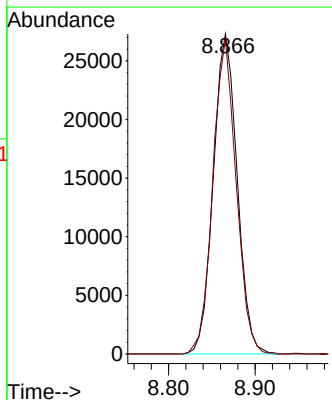
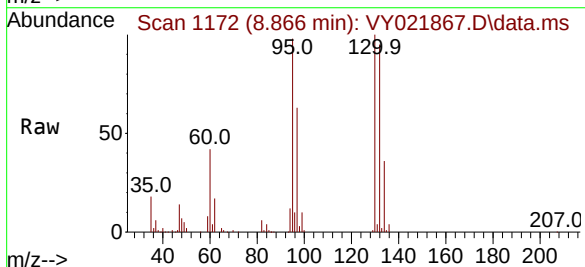
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

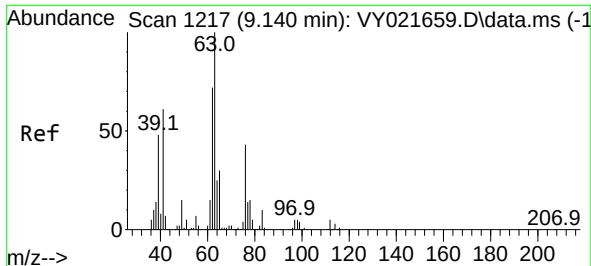
Tgt Ion: 43 Resp: 51125
Ion Ratio Lower Upper
43 100
61 19.4 15.9 23.9
87 13.5 10.4 15.6



#44
Trichloroethene
Concen: 20.703 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 130 Resp: 52215
Ion Ratio Lower Upper
130 100
95 98.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.253 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

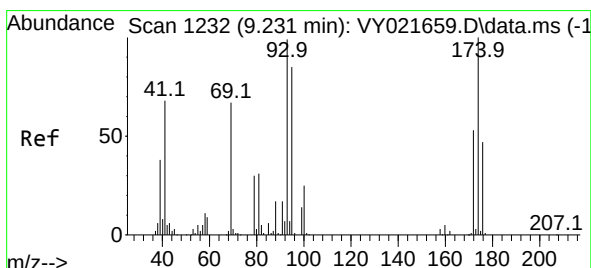
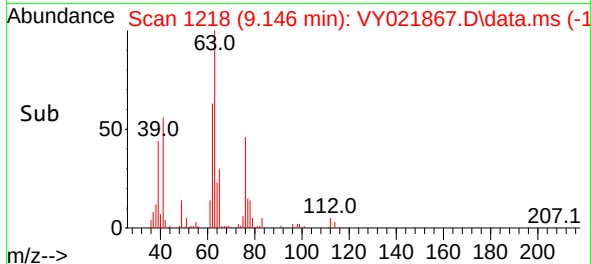
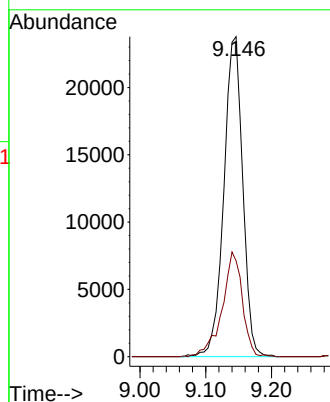
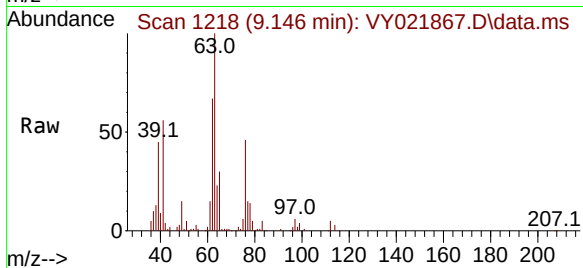
VY0414SBS01

Tgt Ion: 63 Resp: 47453

Ion Ratio Lower Upper

63 100

65 30.0 24.4 36.6



#46

Dibromomethane

Concen: 20.222 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

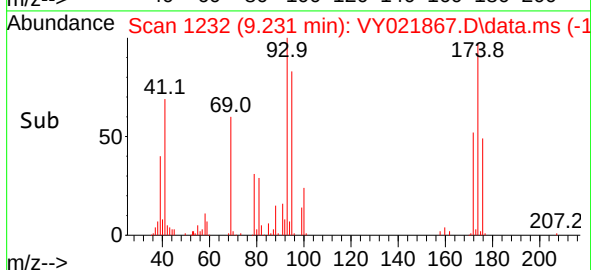
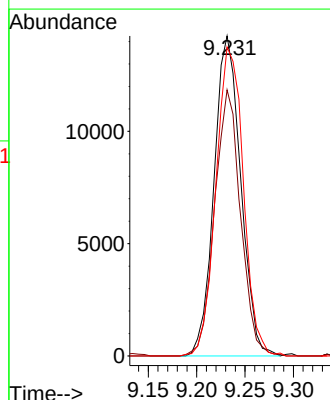
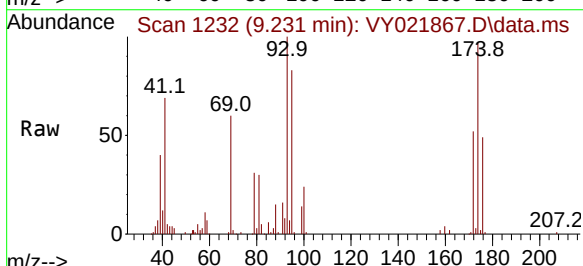
Tgt Ion: 93 Resp: 27307

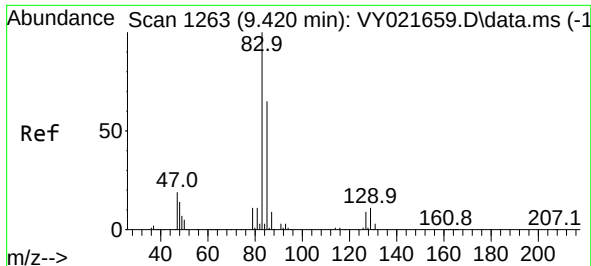
Ion Ratio Lower Upper

93 100

95 80.6 68.1 102.1

174 99.3 80.9 121.3

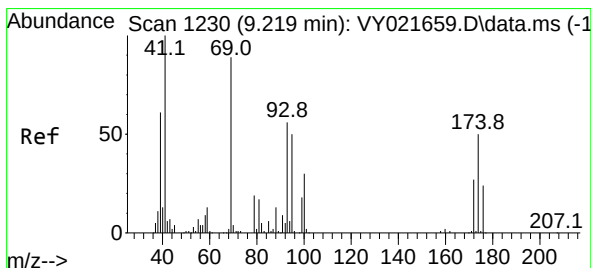
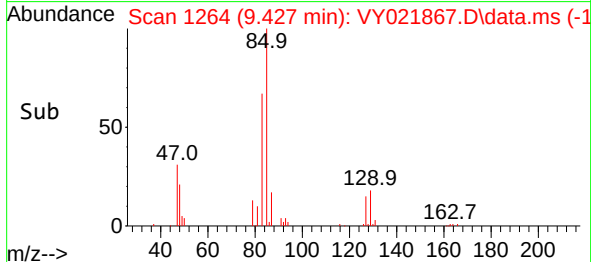
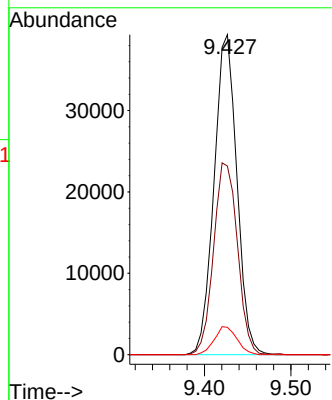
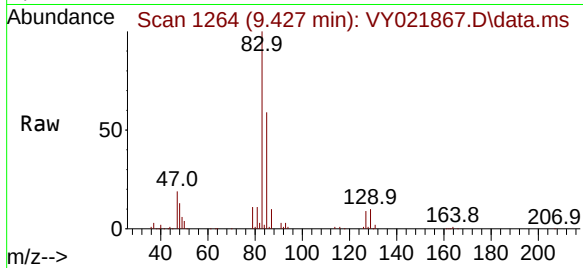




#47
Bromodichloromethane
Concen: 20.592 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

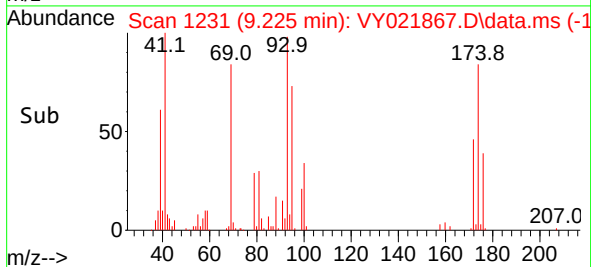
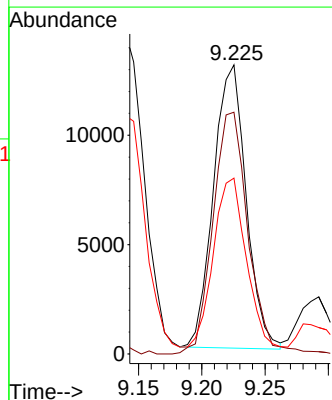
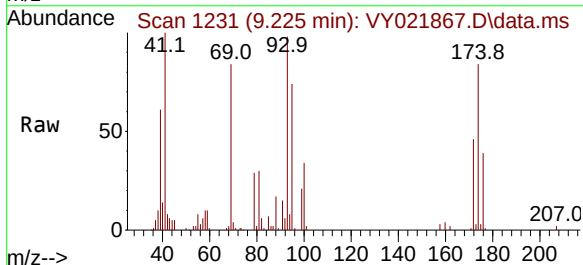
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

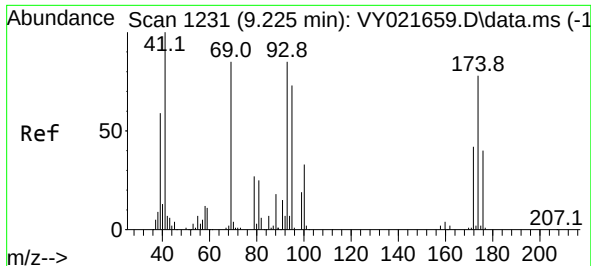
Tgt Ion: 83 Resp: 72051
Ion Ratio Lower Upper
83 100
85 59.0 51.8 77.6
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 17.125 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

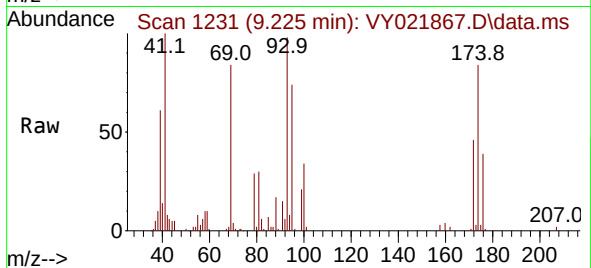
Tgt Ion: 41 Resp: 23234
Ion Ratio Lower Upper
41 100
69 91.7 69.8 104.8
39 60.4 47.2 70.8



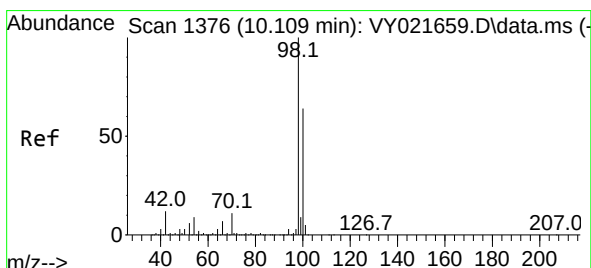
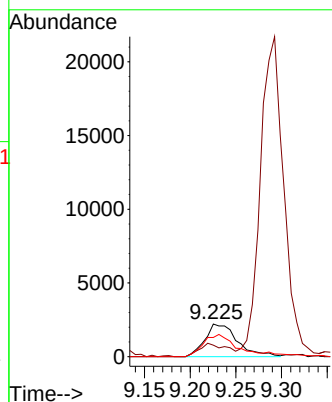
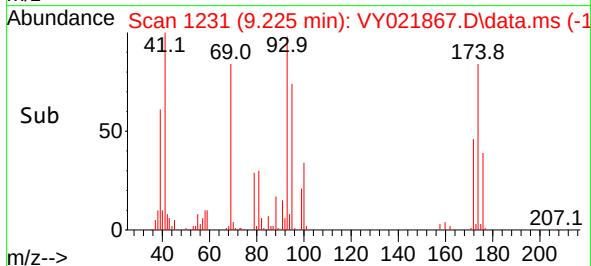


#49
1,4-Dioxane
Concen: 378.208 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

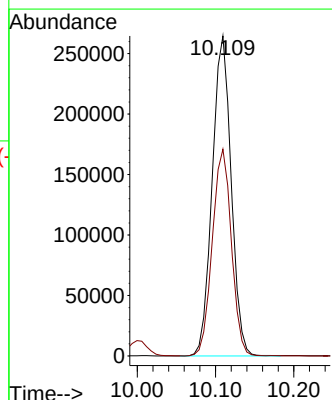
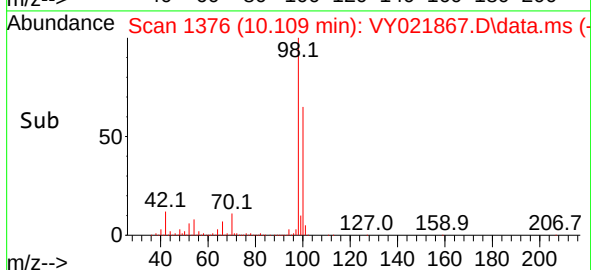
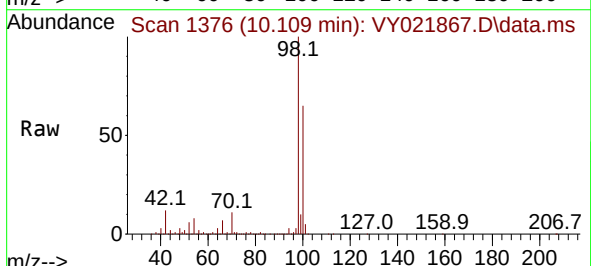


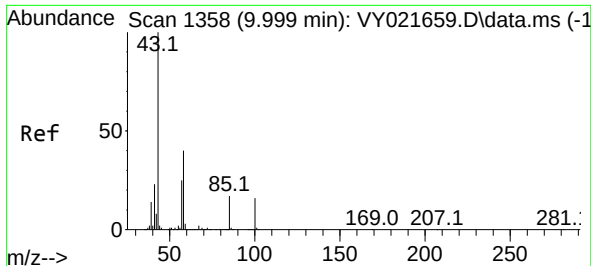
Tgt Ion: 88 Resp: 5471
Ion Ratio Lower Upper
88 100
43 34.2 28.8 43.2
58 77.6 59.4 89.2



#50
Toluene-d8
Concen: 53.820 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 98 Resp: 444302
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

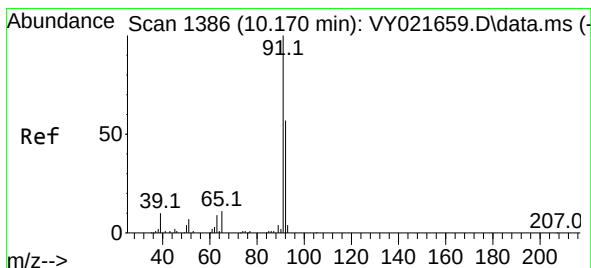
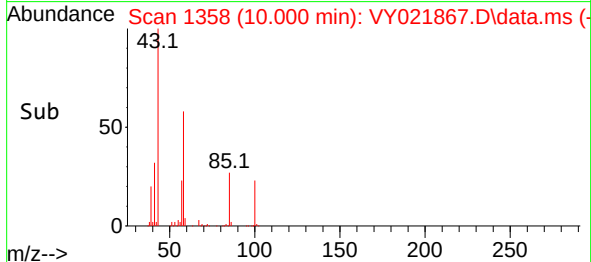
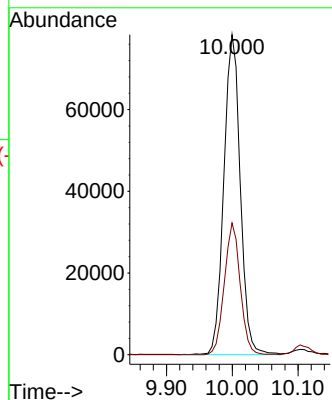
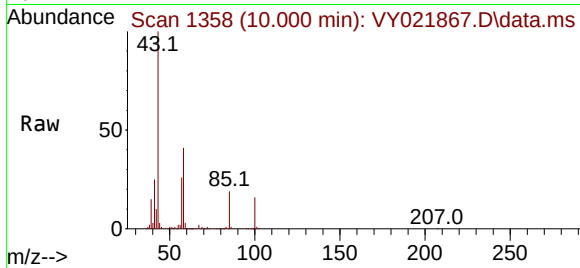




#51
4-Methyl-2-Pentanone
Concen: 88.613 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

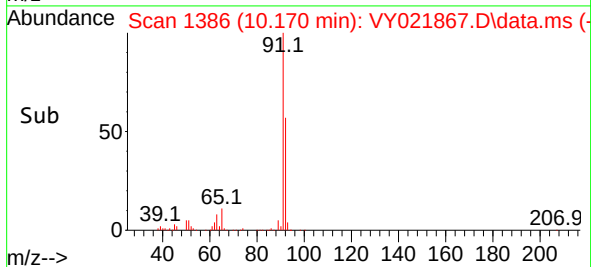
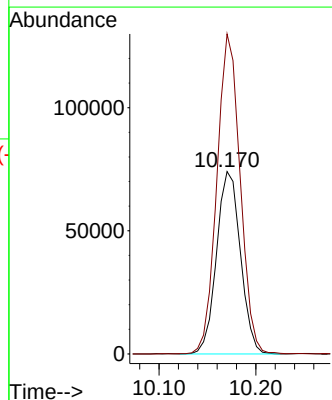
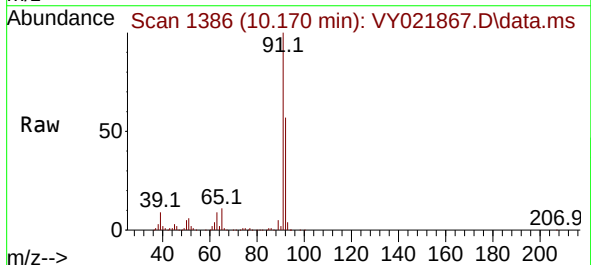
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

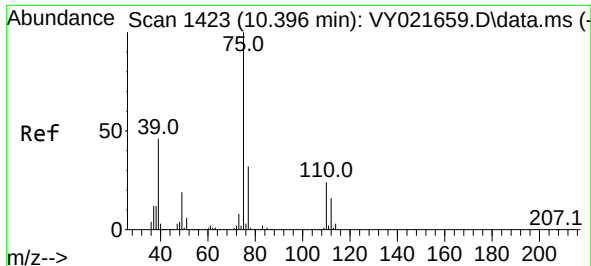
Tgt Ion: 43 Resp: 136318
Ion Ratio Lower Upper
43 100
58 39.8 31.5 47.3



#52
Toluene
Concen: 20.577 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 92 Resp: 127076
Ion Ratio Lower Upper
92 100
91 171.0 138.6 207.8

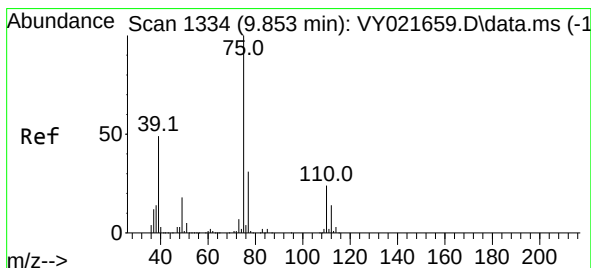
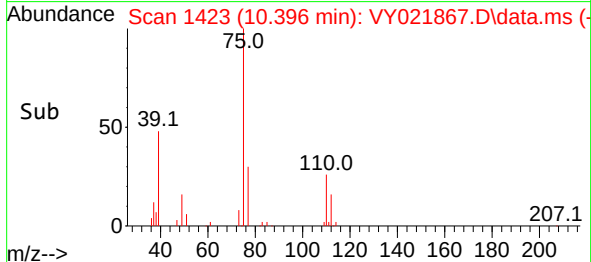
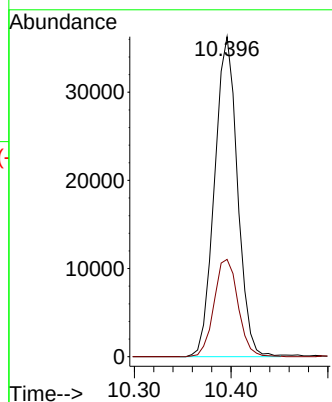
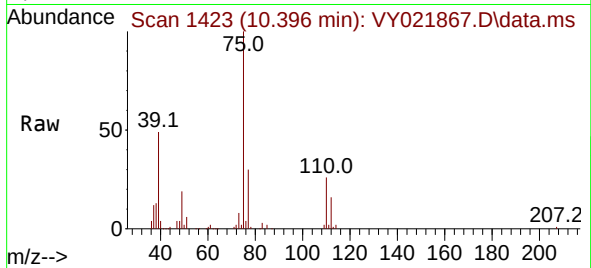




#53
 t-1,3-Dichloropropene
 Concen: 19.246 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

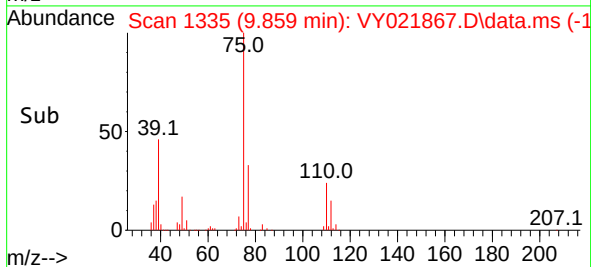
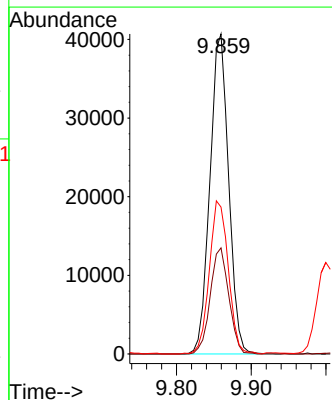
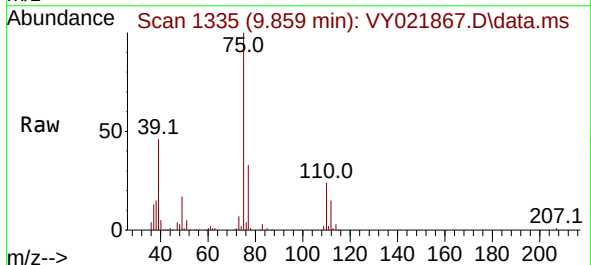
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

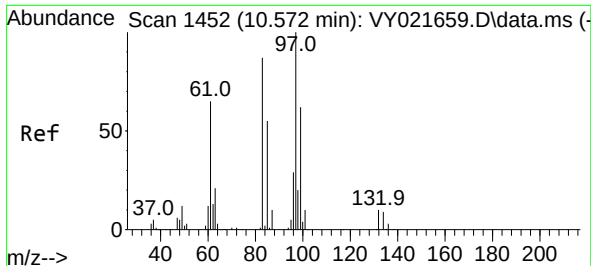
Tgt Ion: 75 Resp: 59813
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.317 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

Tgt Ion: 75 Resp: 70823
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.9 37.3
 39 45.9 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.646 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tgt Ion: 97 Resp: 35878

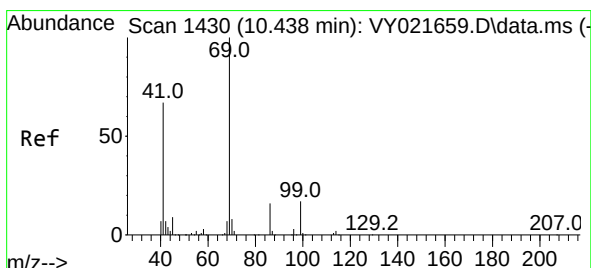
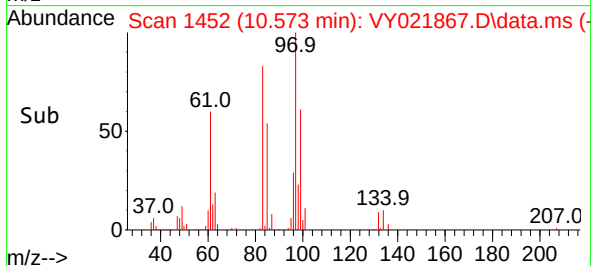
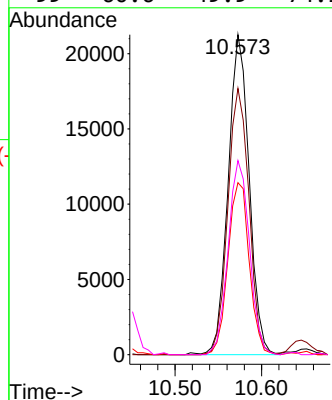
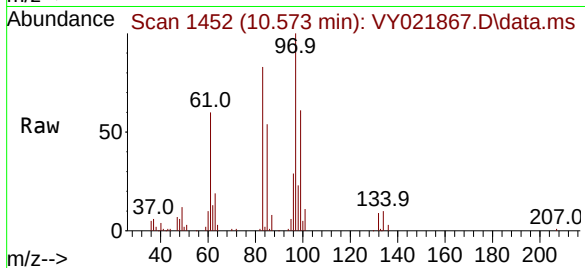
Ion Ratio Lower Upper

97 100

83 83.2 69.5 104.3

85 53.8 43.9 65.9

99 60.6 49.9 74.9



#56

Ethyl methacrylate

Concen: 18.392 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

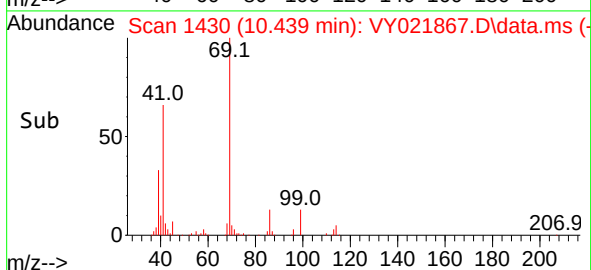
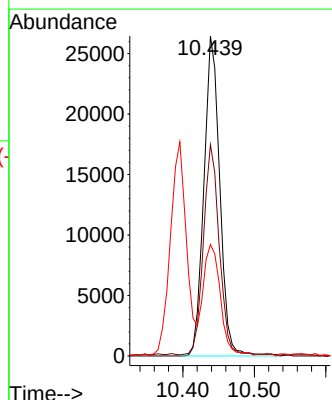
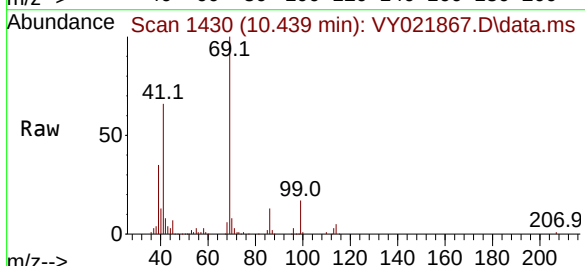
Tgt Ion: 69 Resp: 40810

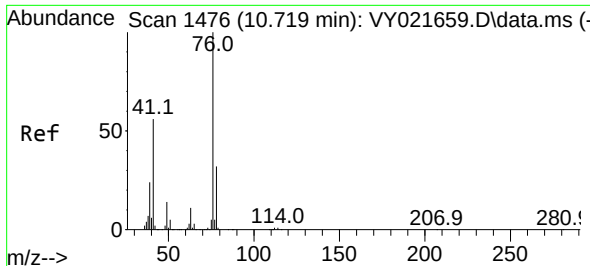
Ion Ratio Lower Upper

69 100

41 65.1 53.8 80.6

39 36.0 29.6 44.4





#57

1,3-Dichloropropane

Concen: 19.993 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

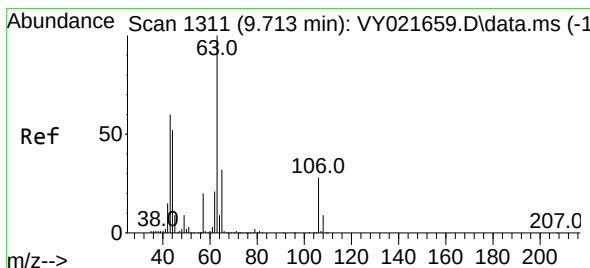
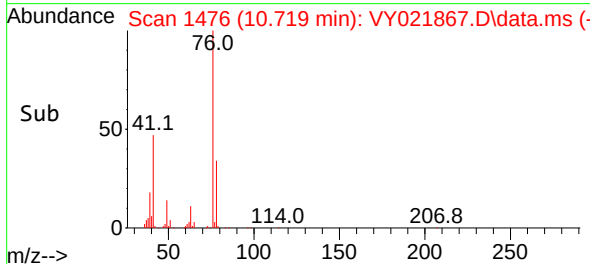
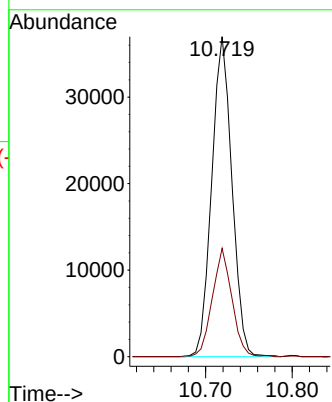
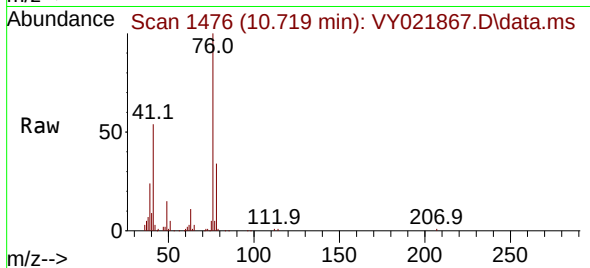
VY0414SBS01

Tgt Ion: 76 Resp: 60002

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.891 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021867.D

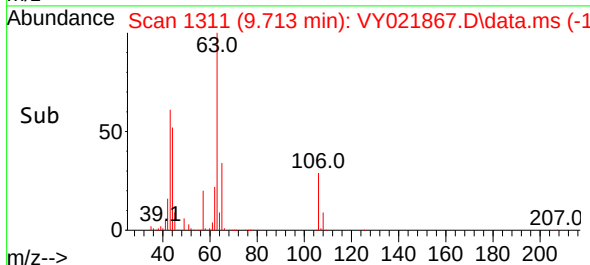
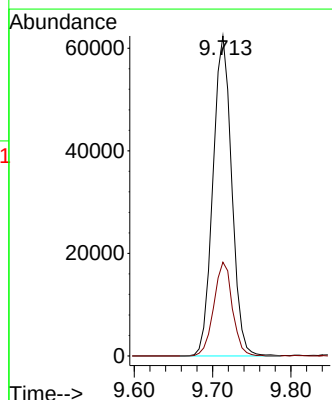
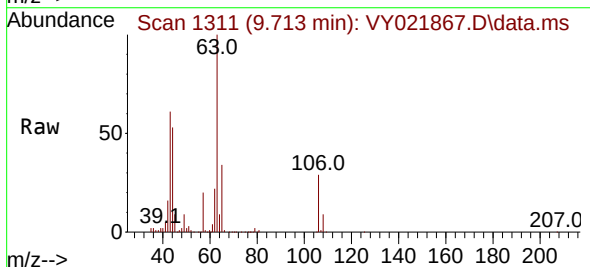
Acq: 14 Apr 2025 11:06

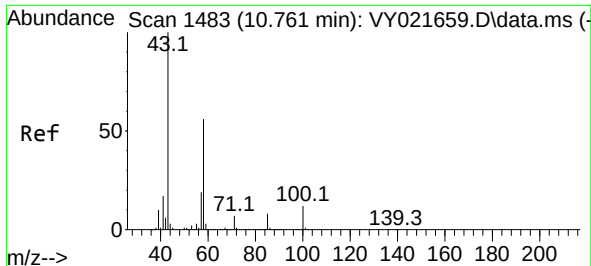
Tgt Ion: 63 Resp: 103796

Ion Ratio Lower Upper

63 100

106 29.0 22.4 33.6

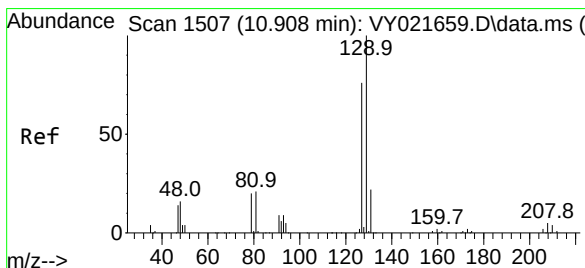
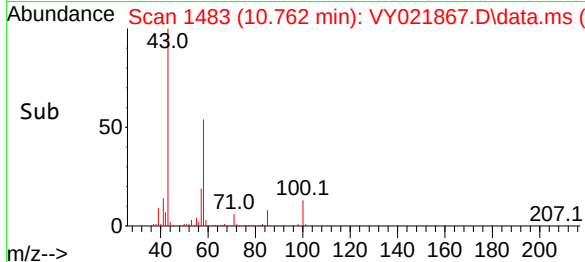
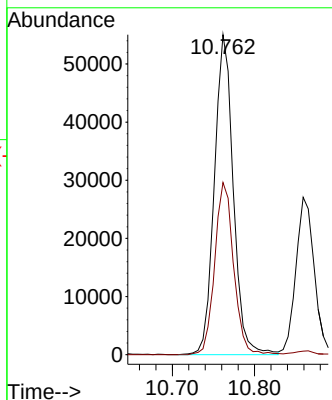
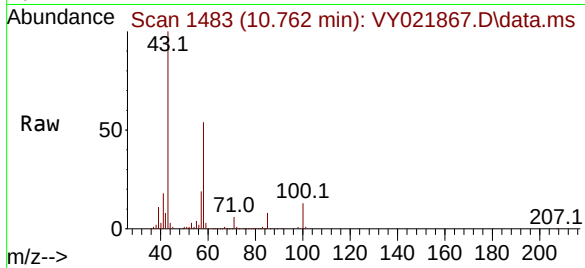




#59
2-Hexanone
Concen: 85.944 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

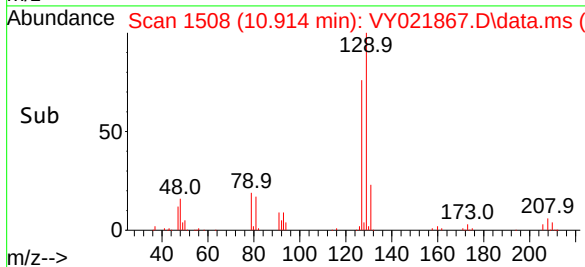
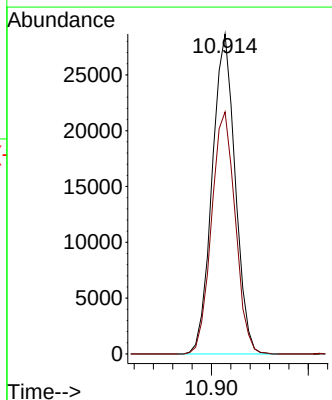
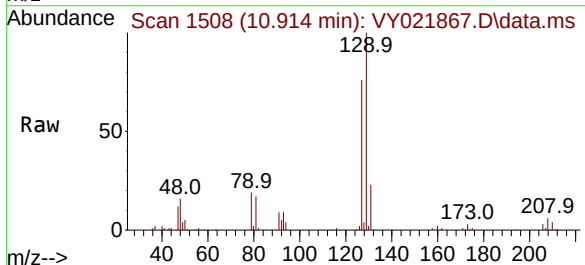
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

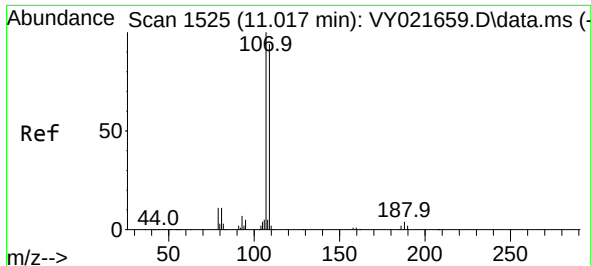
Tgt Ion: 43 Resp: 88051
Ion Ratio Lower Upper
43 100
58 53.8 27.2 81.5



#60
Dibromochloromethane
Concen: 19.932 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 129 Resp: 47289
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

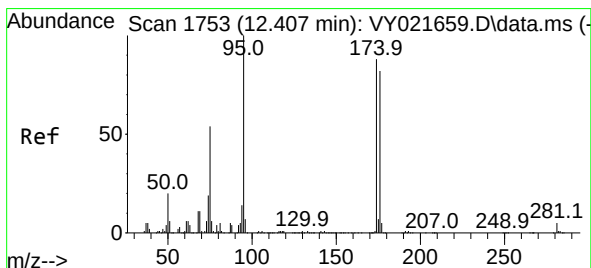
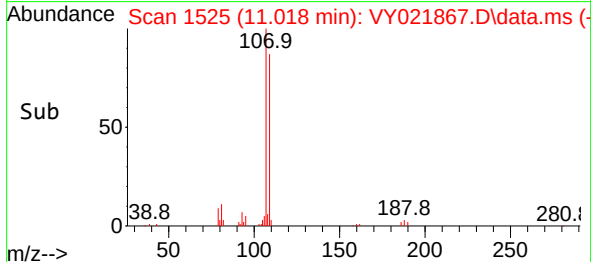
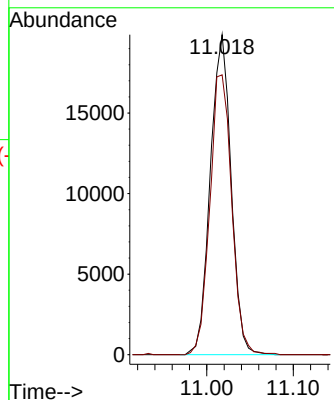
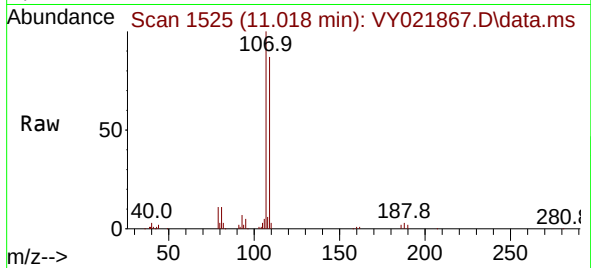




#61
1,2-Dibromoethane
Concen: 20.294 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

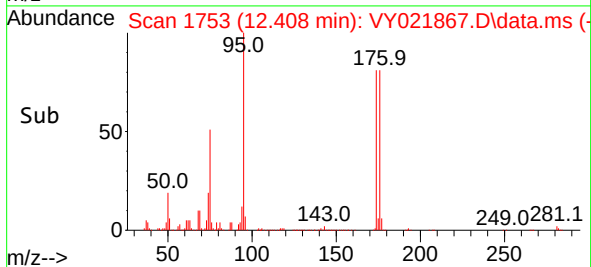
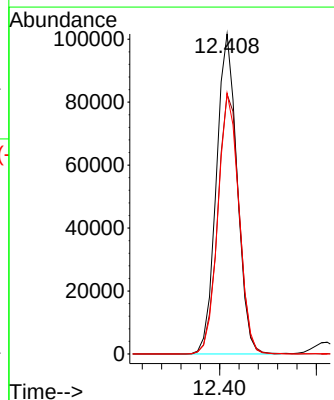
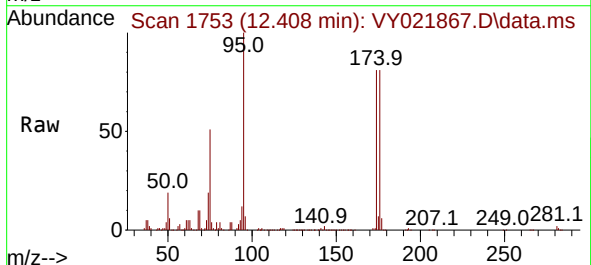
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

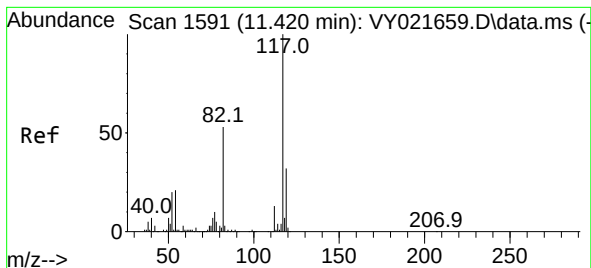
Tgt Ion:107 Resp: 33081
Ion Ratio Lower Upper
107 100
109 92.0 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.123 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 95 Resp: 151131
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.8
176 82.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

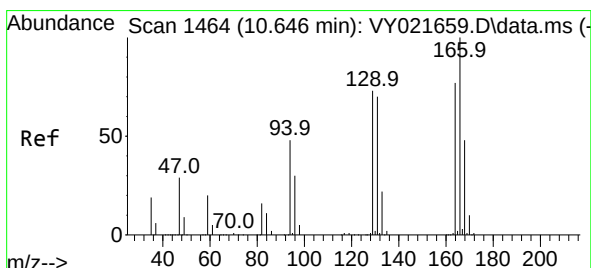
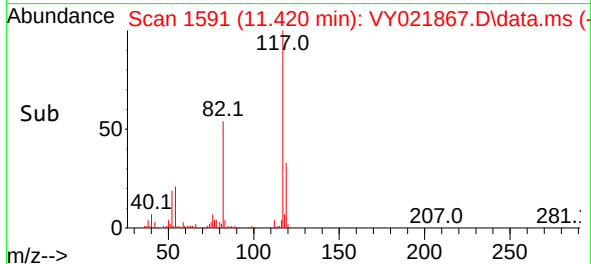
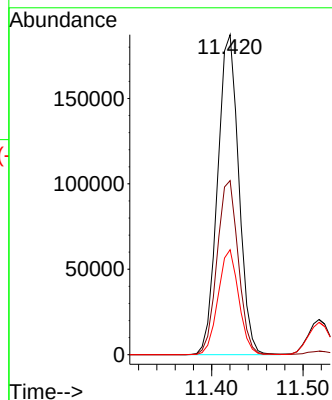
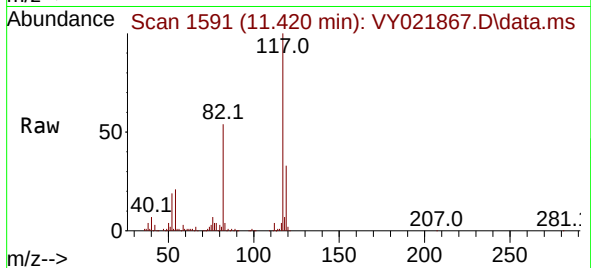
Tgt Ion:117 Resp: 301802

Ion Ratio Lower Upper

117 100

82 54.4 42.8 64.2

119 32.8 25.7 38.5



#64

Tetrachloroethene

Concen: 21.862 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Tgt Ion:164 Resp: 60092

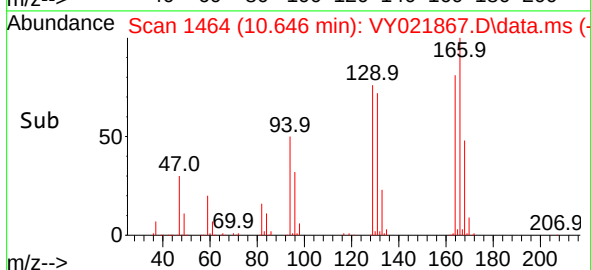
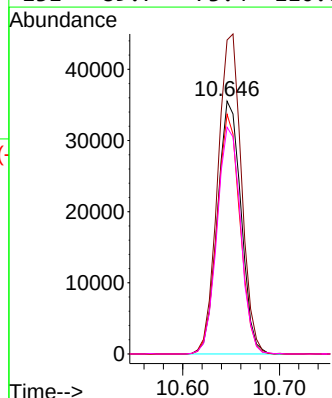
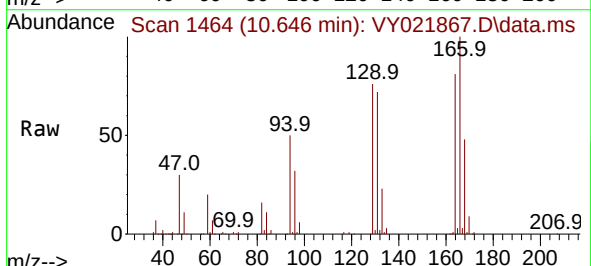
Ion Ratio Lower Upper

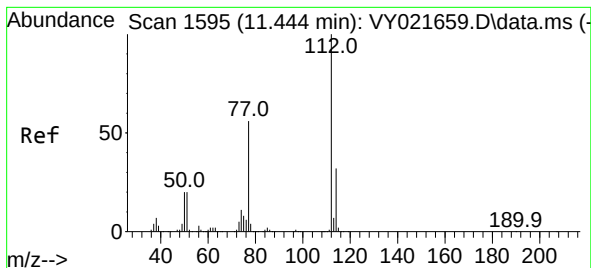
164 100

166 124.2 104.6 156.8

129 94.8 76.6 114.8

131 89.7 73.4 110.0





#65

Chlorobenzene

Concen: 20.072 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

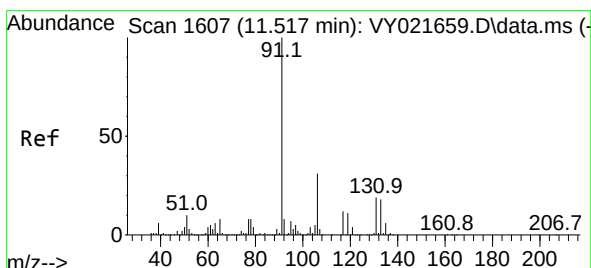
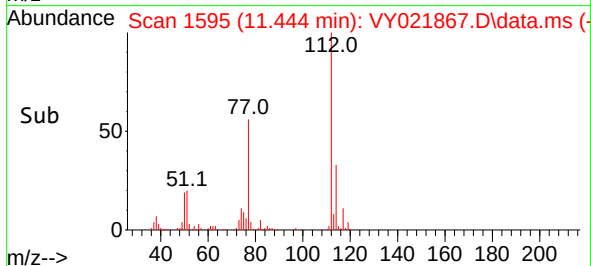
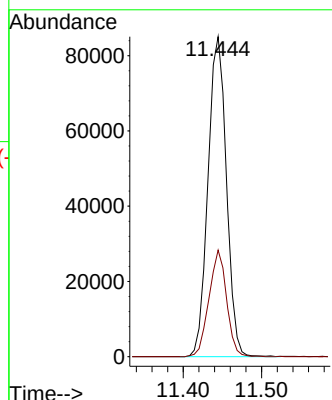
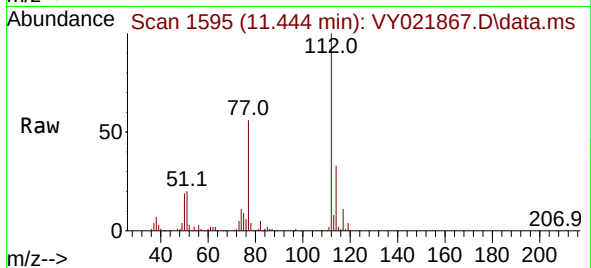
VY0414SBS01

Tgt Ion:112 Resp: 138866

Ion Ratio Lower Upper

112 100

114 33.3 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.357 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

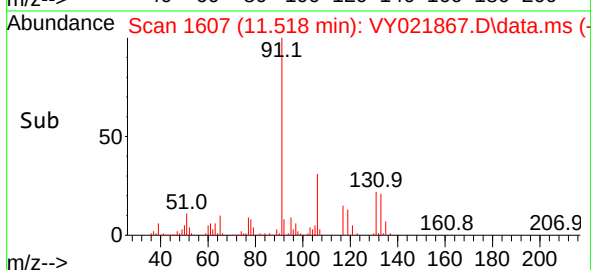
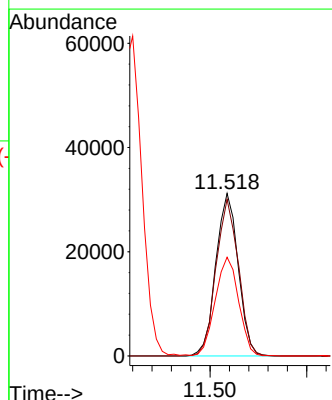
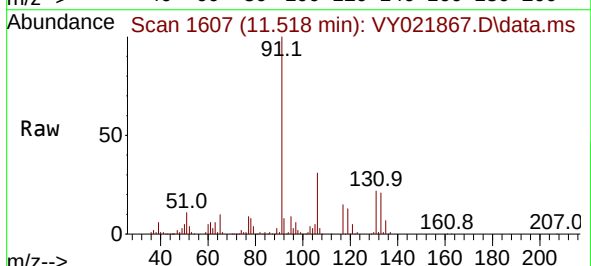
Tgt Ion:131 Resp: 49969

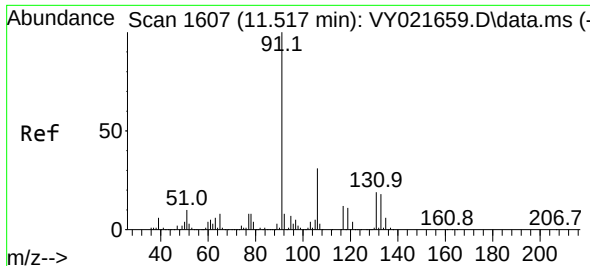
Ion Ratio Lower Upper

131 100

133 96.7 47.3 141.8

119 63.7 31.6 95.0





#67

Ethyl Benzene

Concen: 19.464 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

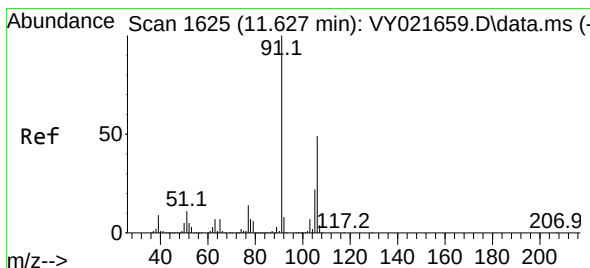
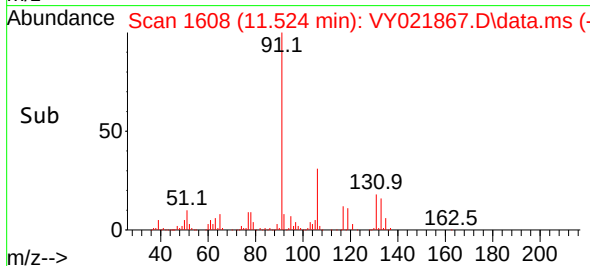
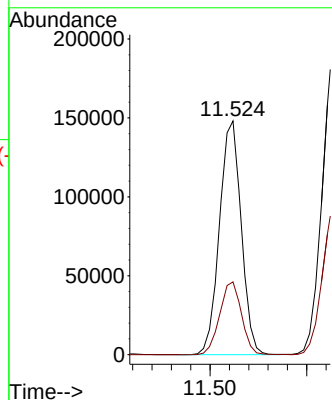
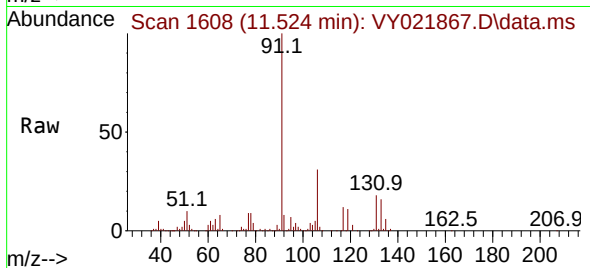
VY0414SBS01

Tgt Ion: 91 Resp: 230909

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 40.159 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021867.D

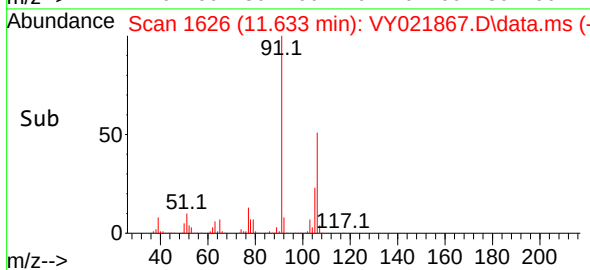
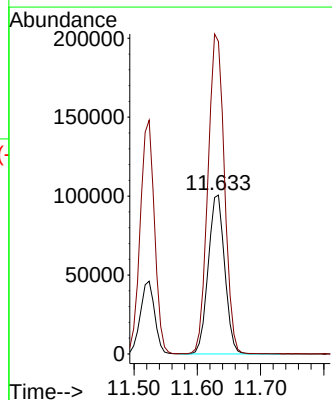
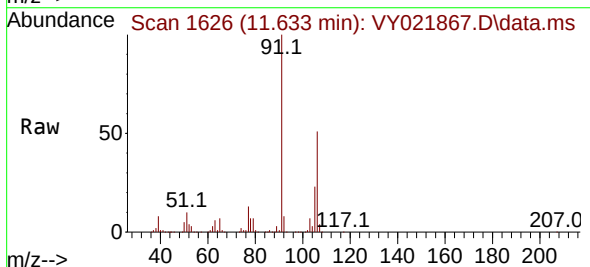
Acq: 14 Apr 2025 11:06

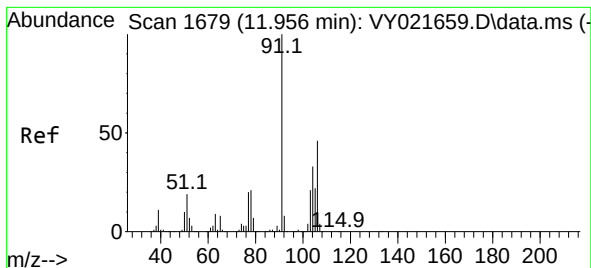
Tgt Ion:106 Resp: 182436

Ion Ratio Lower Upper

106 100

91 201.5 162.4 243.6





#69

o-Xylene

Concen: 19.422 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

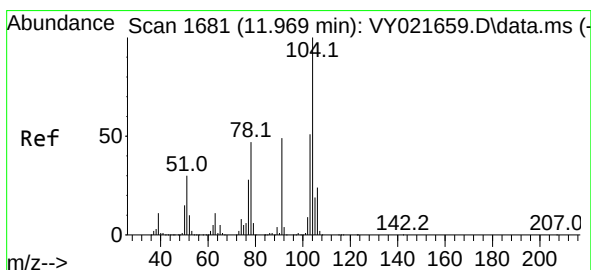
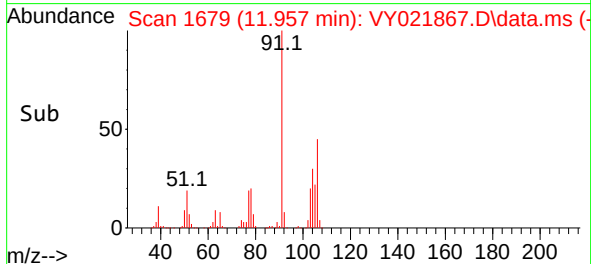
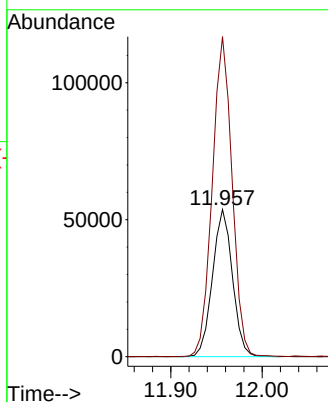
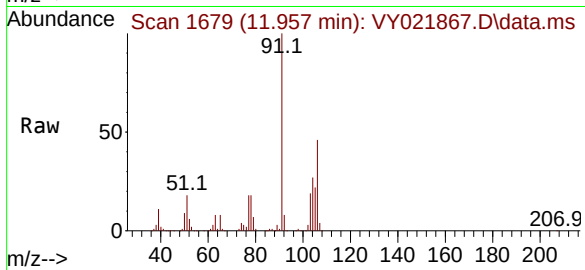
VY0414SBS01

Tgt Ion:106 Resp: 81443

Ion Ratio Lower Upper

106 100

91 216.1 106.7 319.9



#70

Styrene

Concen: 19.778 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

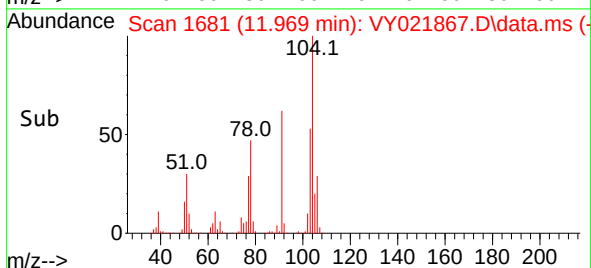
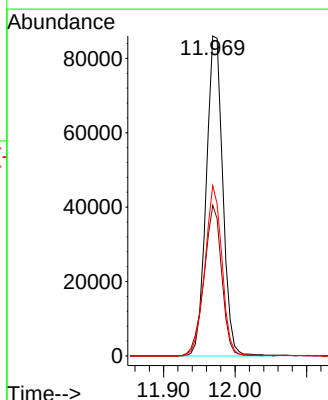
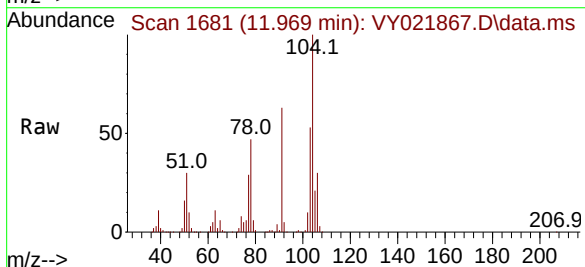
Tgt Ion:104 Resp: 138284

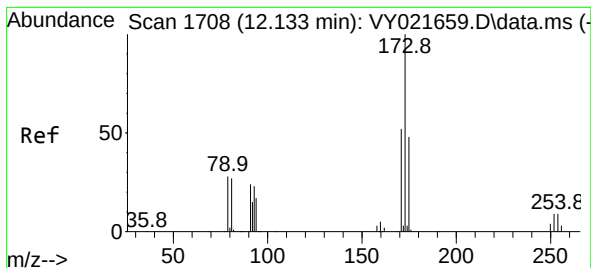
Ion Ratio Lower Upper

104 100

78 50.4 40.8 61.2

103 55.3 44.2 66.2





#71

Bromoform

Concen: 20.071 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

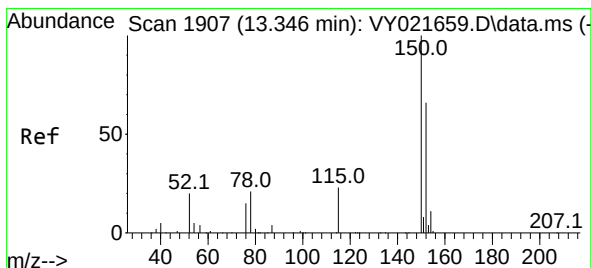
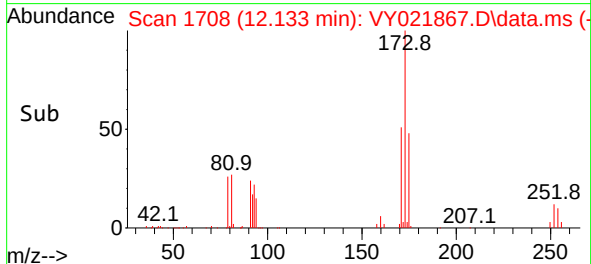
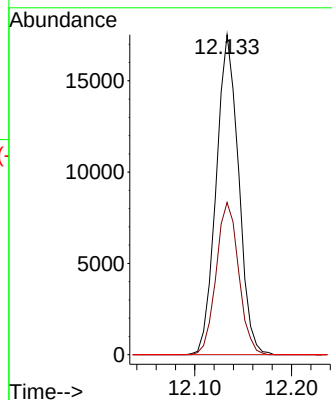
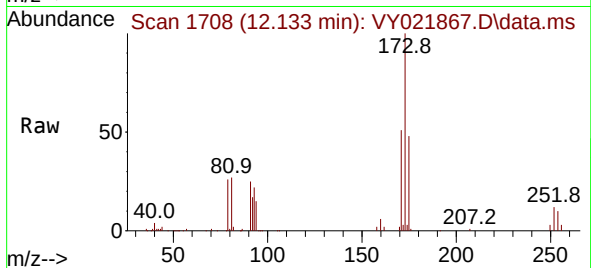
Tgt Ion:173 Resp: 28102

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

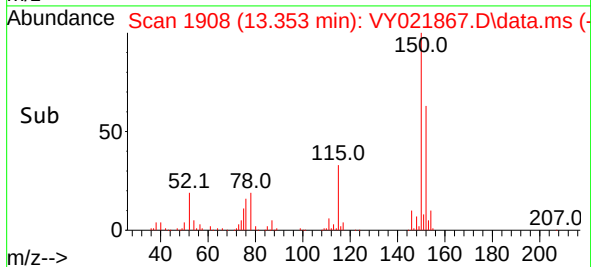
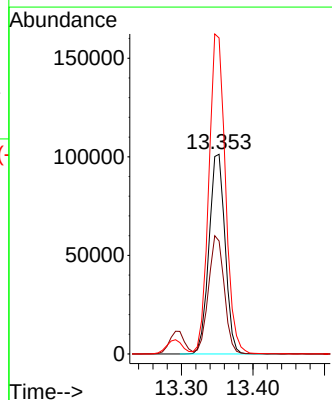
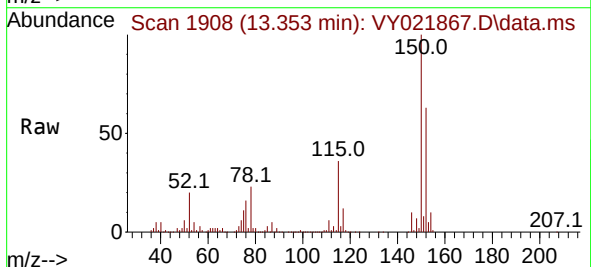
Tgt Ion:152 Resp: 158163

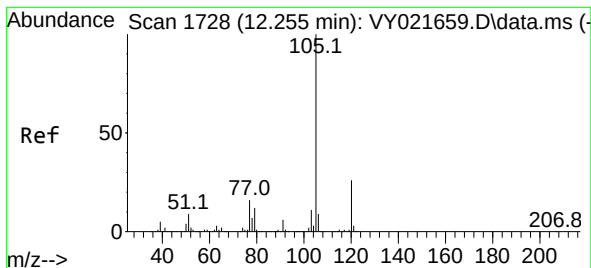
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 165.2 0.0 348.4





#73

Isopropylbenzene

Concen: 18.884 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

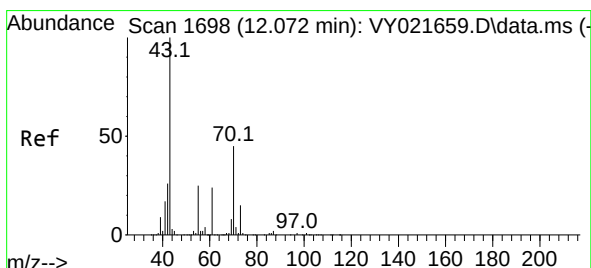
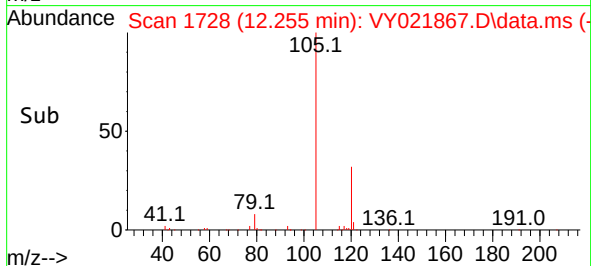
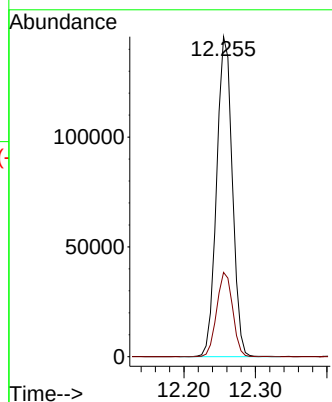
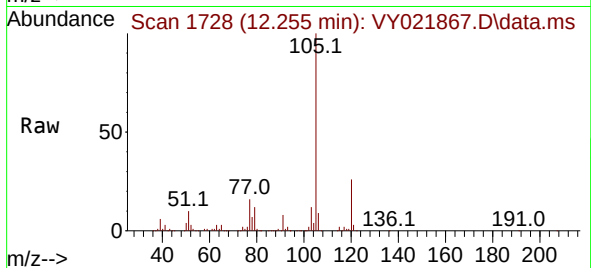
VY0414SBS01

Tgt Ion:105 Resp: 221841

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 16.120 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Tgt Ion: 43 Resp: 44442

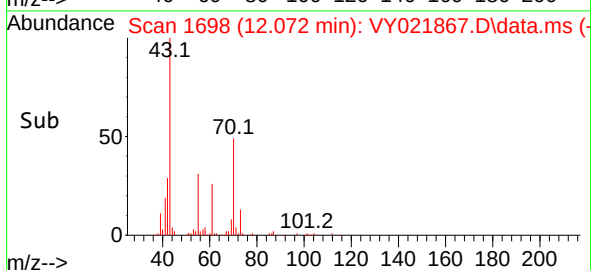
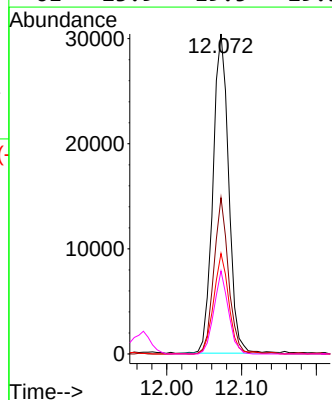
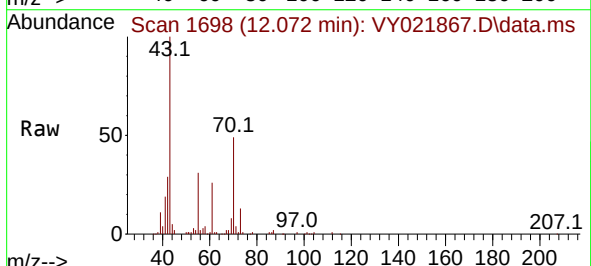
Ion Ratio Lower Upper

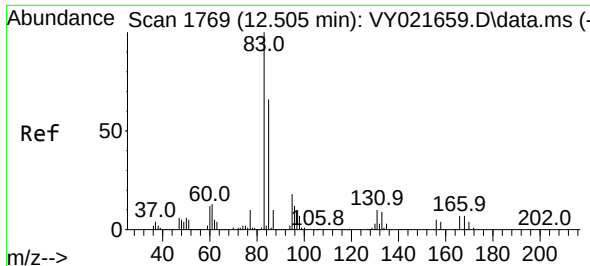
43 100

70 45.7 34.7 52.1

55 30.6 21.2 31.8

61 23.9 19.5 29.3

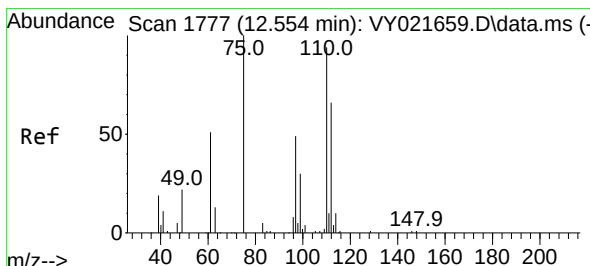
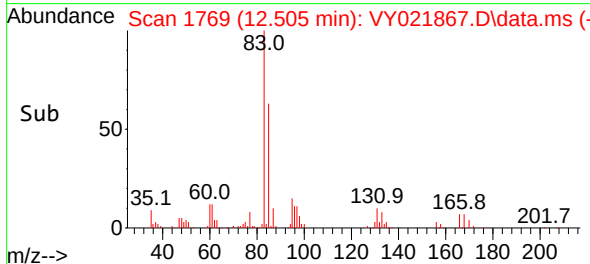
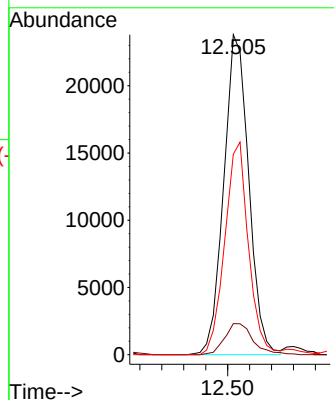
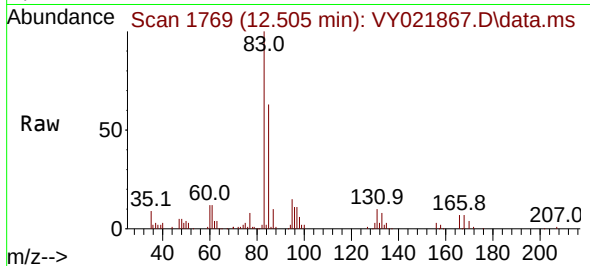




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.837 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

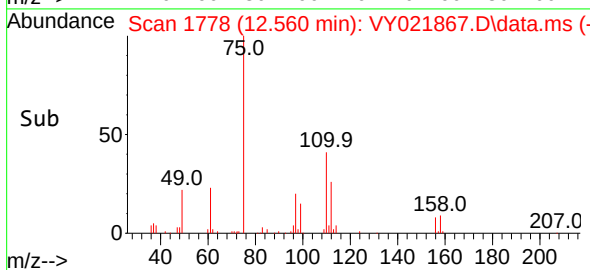
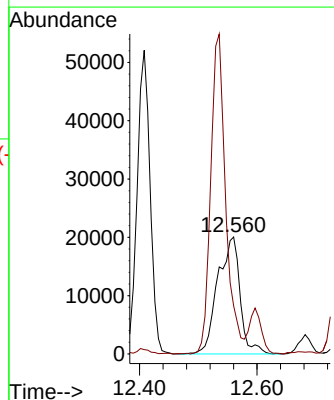
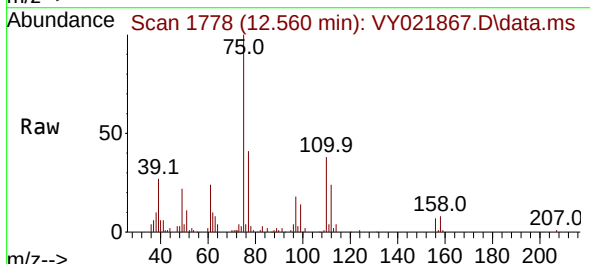
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

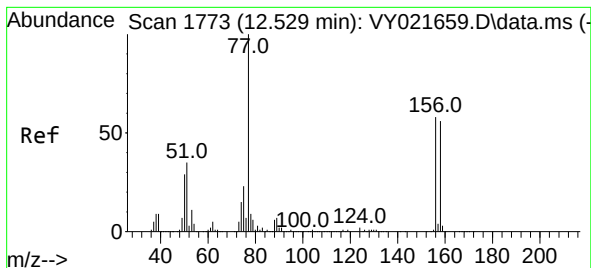
Tgt Ion: 83 Resp: 37672
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.3
 85 62.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.791 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

Tgt Ion: 75 Resp: 52977
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.072 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

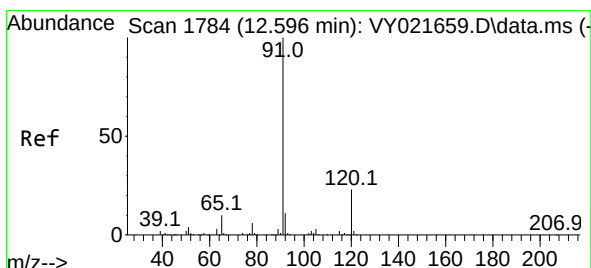
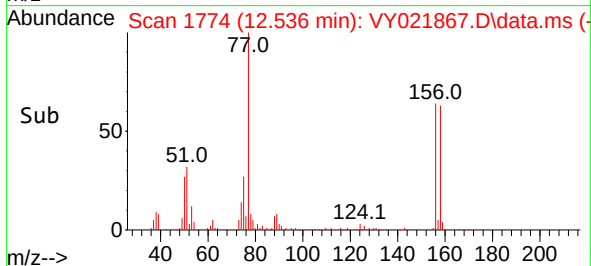
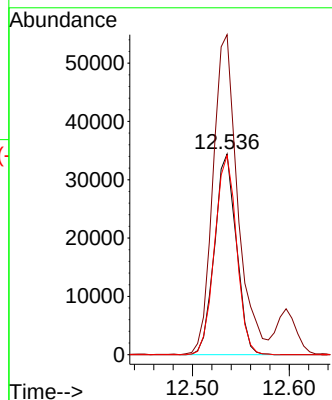
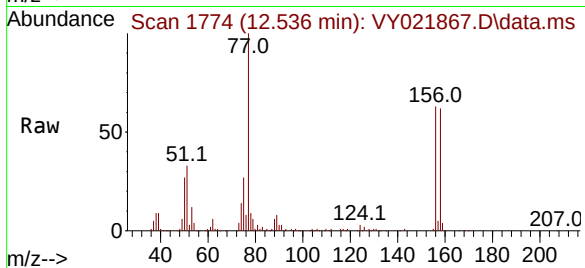
Tgt Ion:156 Resp: 53793

Ion Ratio Lower Upper

156 100

77 181.5 92.8 278.3

158 99.7 48.5 145.6



#78

n-propylbenzene

Concen: 19.186 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021867.D

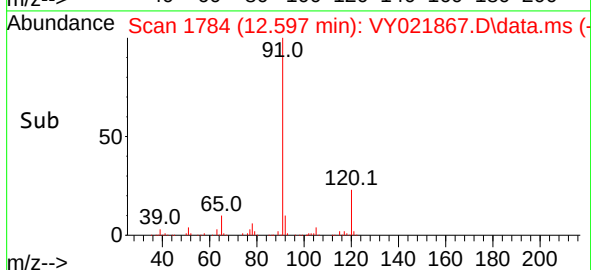
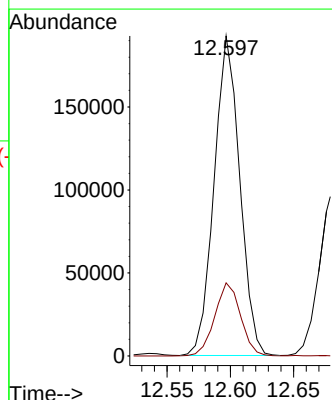
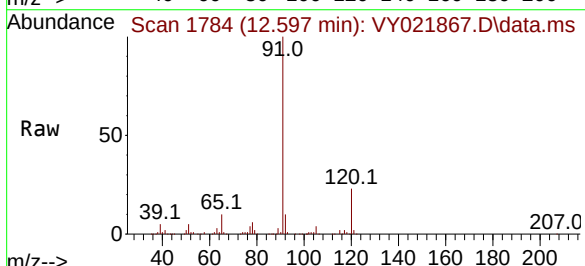
Acq: 14 Apr 2025 11:06

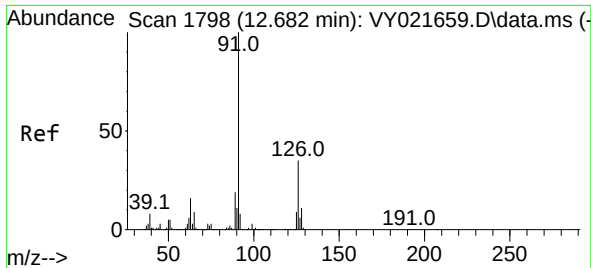
Tgt Ion: 91 Resp: 270970

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.9

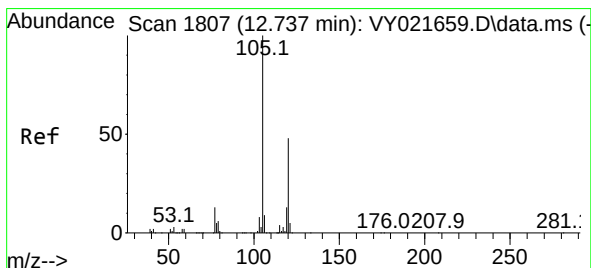
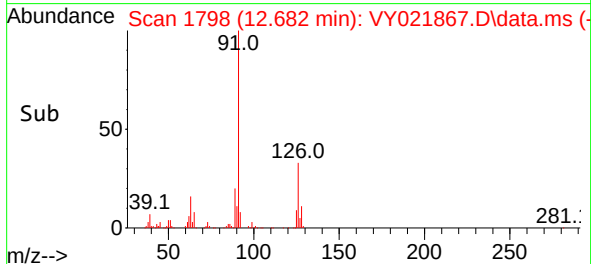
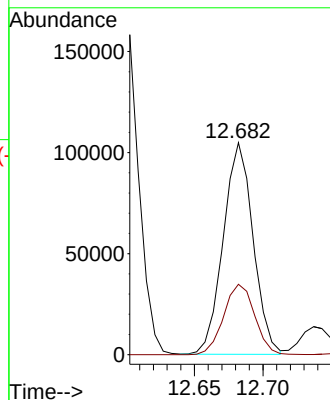
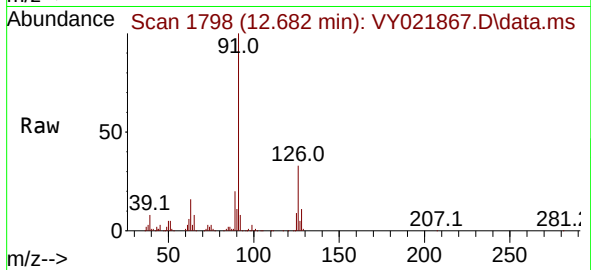




#79
2-Chlorotoluene
Concen: 19.370 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

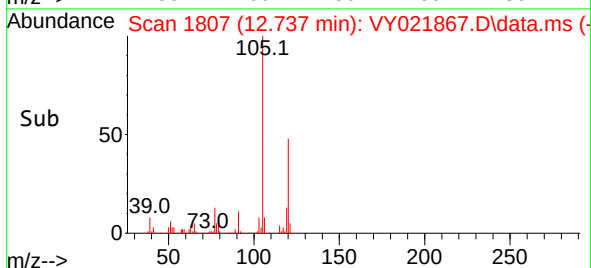
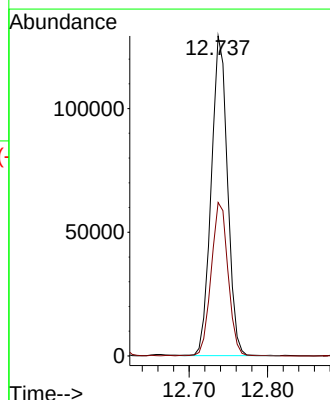
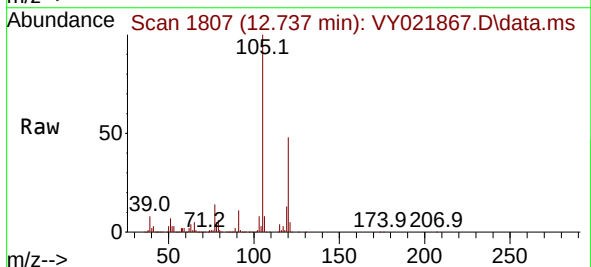
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

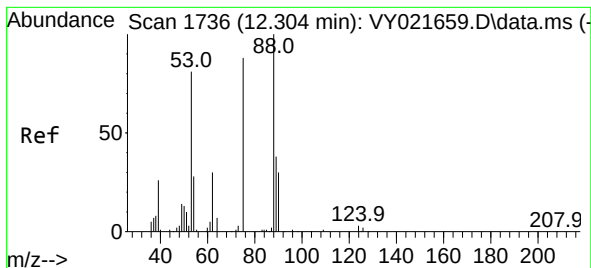
Tgt Ion: 91 Resp: 158892
Ion Ratio Lower Upper
91 100
126 34.5 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 19.373 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 105 Resp: 186003
Ion Ratio Lower Upper
105 100
120 49.9 24.5 73.5

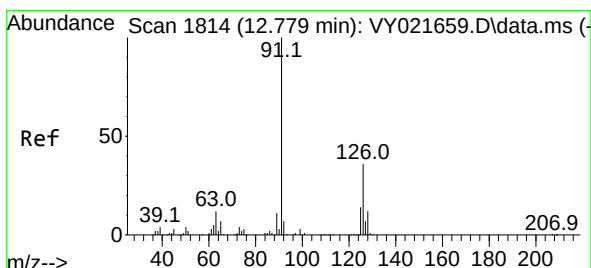
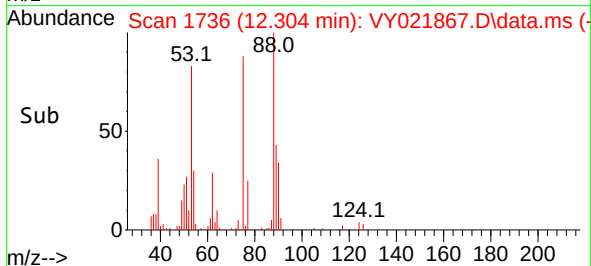
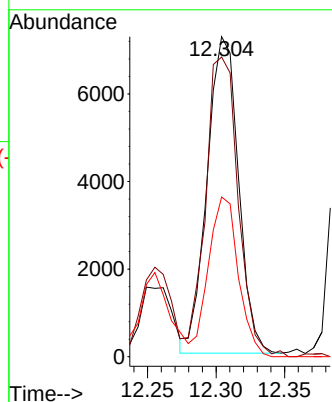
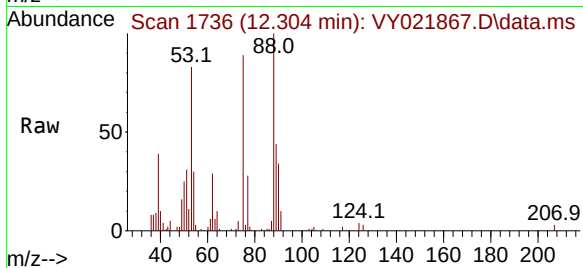




#81
trans-1,4-Dichloro-2-butene
Concen: 16.848 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

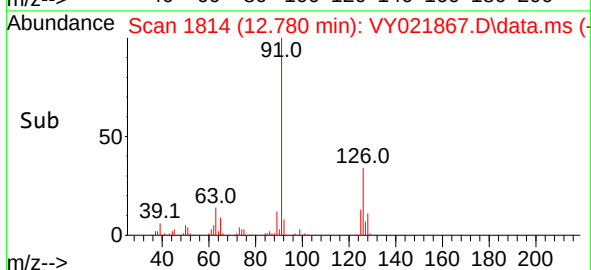
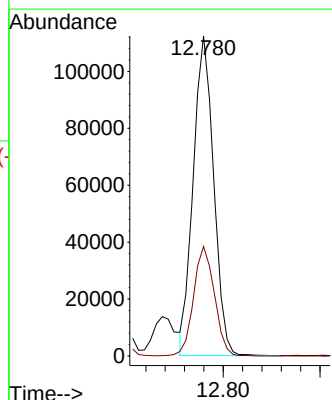
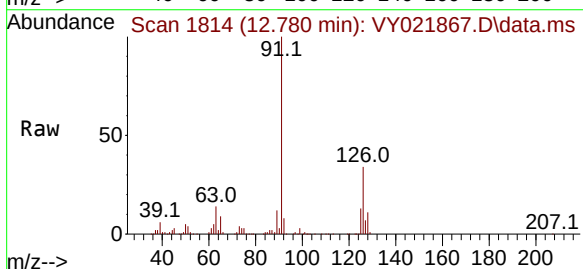
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

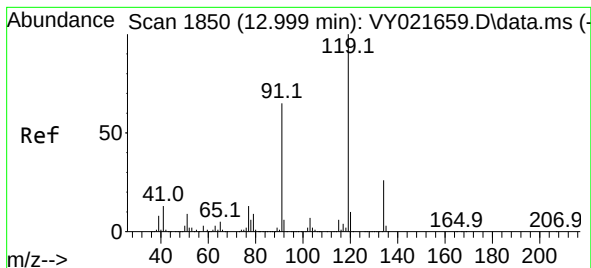
Tgt Ion: 75 Resp: 11464
Ion Ratio Lower Upper
75 100
53 99.2 76.1 114.1
89 48.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.277 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 91 Resp: 164857
Ion Ratio Lower Upper
91 100
126 35.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.687 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

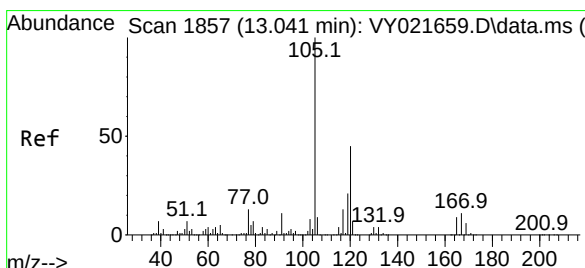
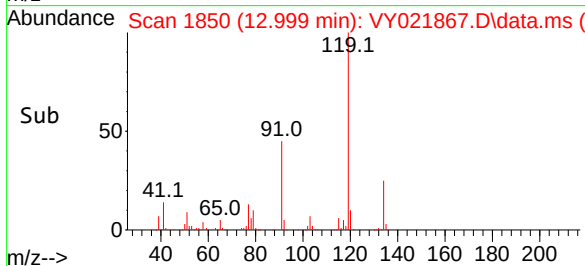
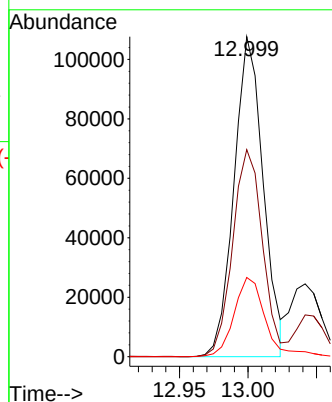
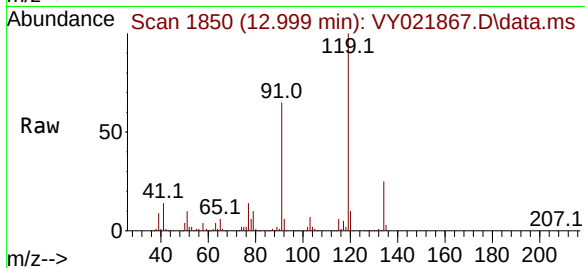
Tgt Ion:119 Resp: 159804

Ion Ratio Lower Upper

119 100

91 65.8 32.6 97.7

134 26.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.865 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021867.D

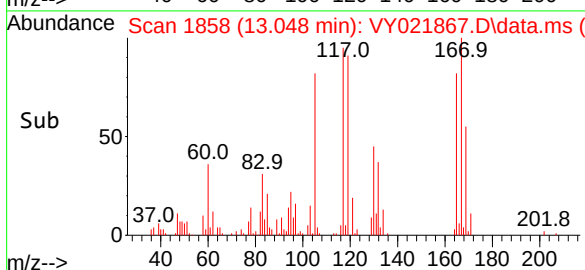
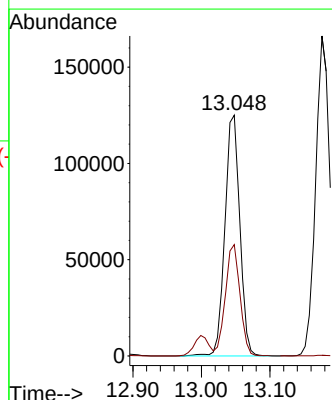
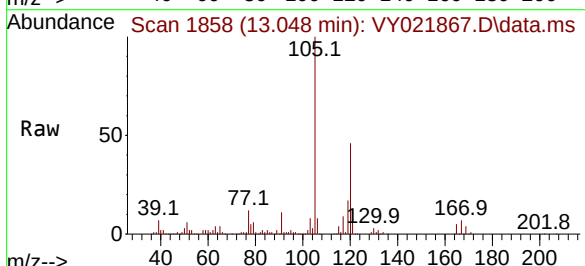
Acq: 14 Apr 2025 11:06

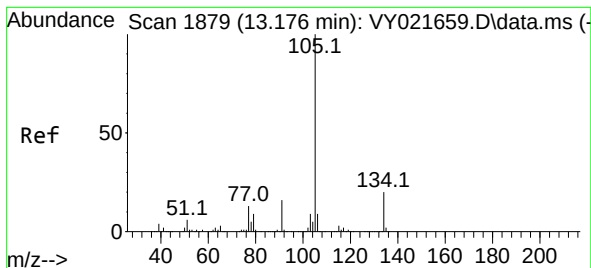
Tgt Ion:105 Resp: 188502

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.377 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

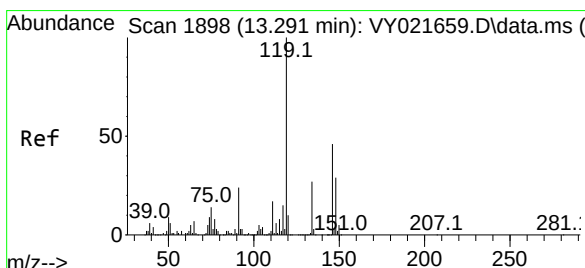
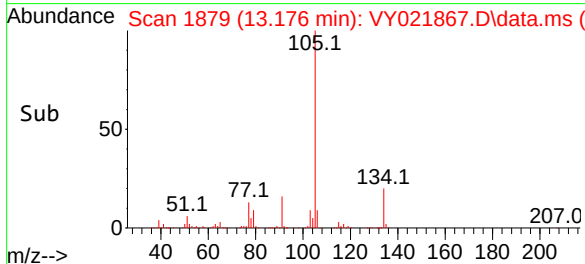
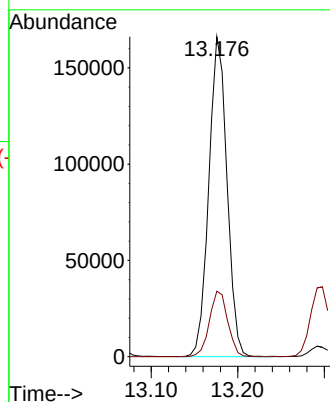
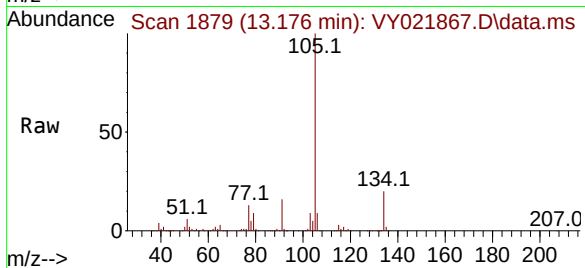
VY0414SBS01

Tgt Ion:105 Resp: 242157

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.624 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

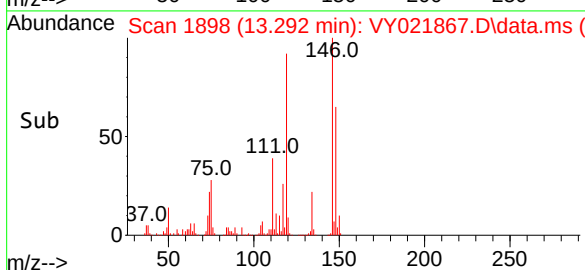
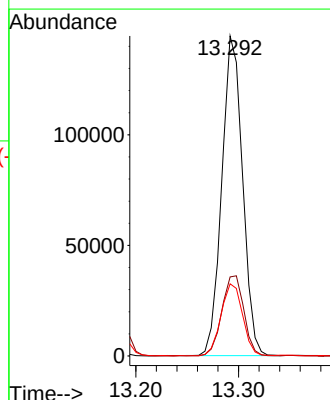
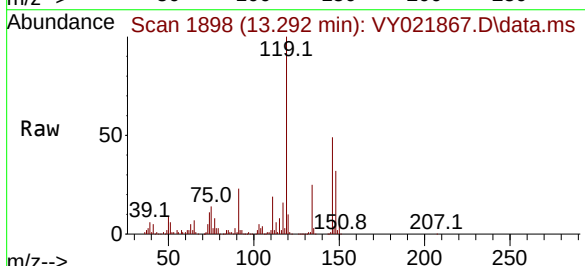
Tgt Ion:119 Resp: 202698

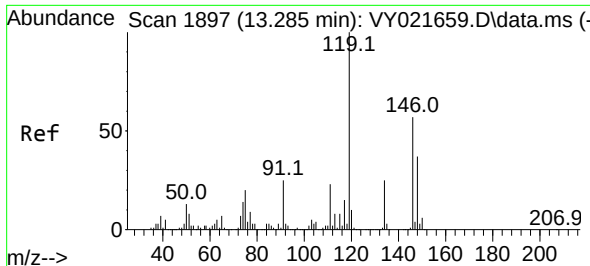
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 23.4 12.0 36.0

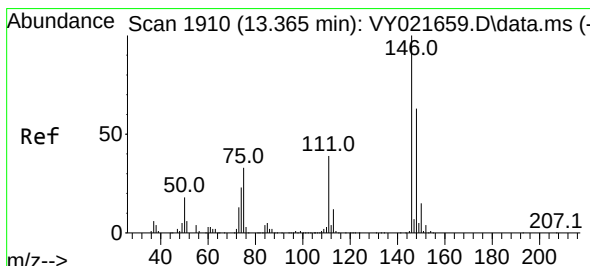
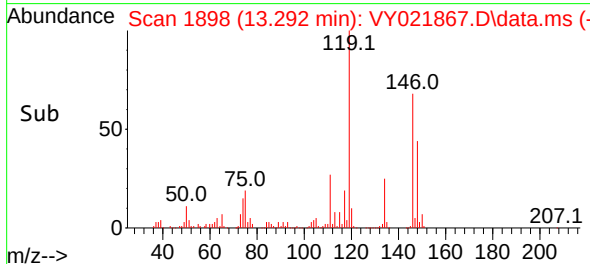
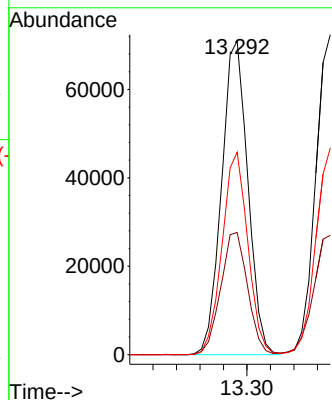
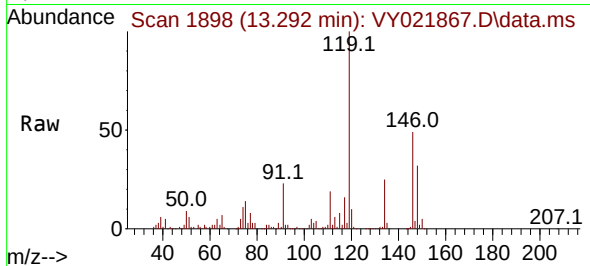




#87
1,3-Dichlorobenzene
Concen: 19.840 ug/l
RT: 13.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

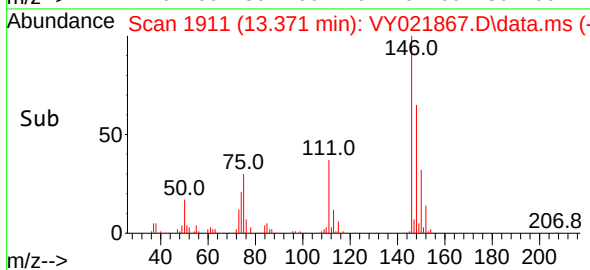
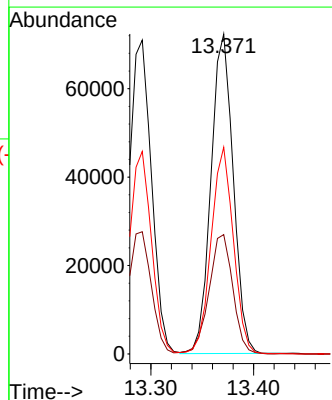
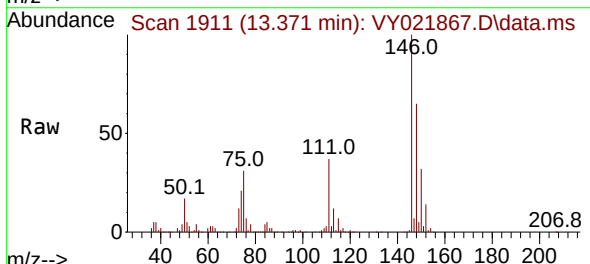
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

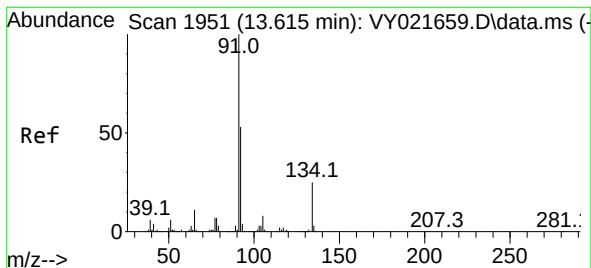
Tgt Ion:146 Resp: 110248
Ion Ratio Lower Upper
146 100
111 39.9 20.0 60.0
148 63.4 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 19.781 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021867.D
Acq: 14 Apr 2025 11:06

Tgt Ion:146 Resp: 108605
Ion Ratio Lower Upper
146 100
111 40.1 19.1 57.1
148 65.0 31.5 94.5





#89

n-Butylbenzene

Concen: 19.129 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

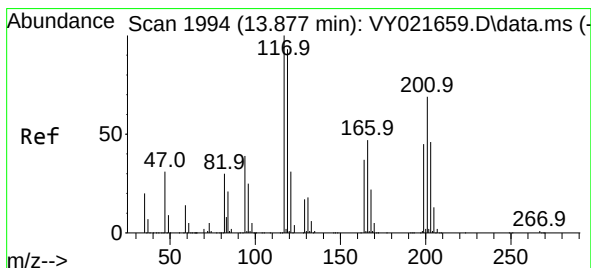
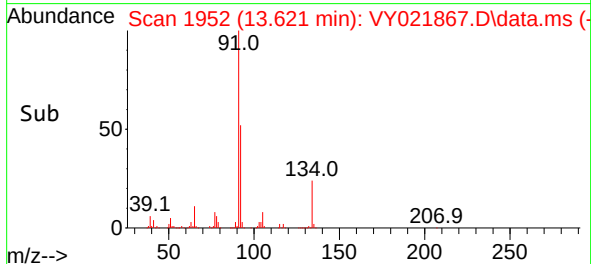
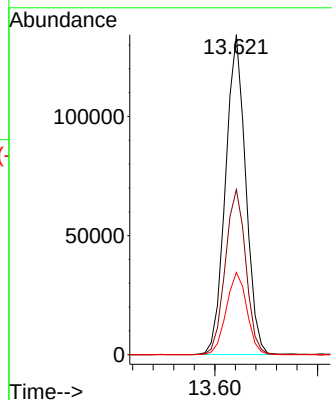
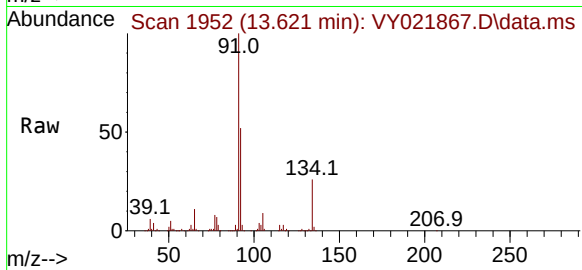
Tgt Ion: 91 Resp: 182734

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 26.3 12.8 38.4



#90

Hexachloroethane

Concen: 19.604 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021867.D

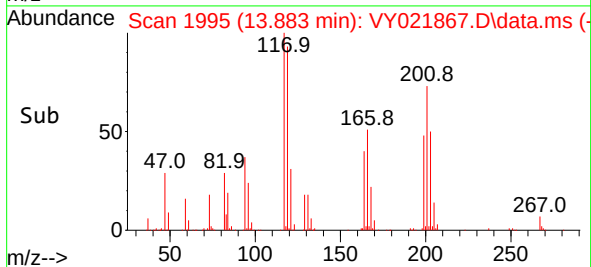
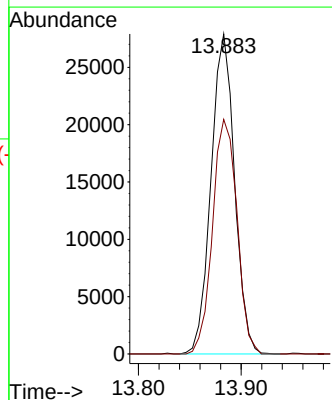
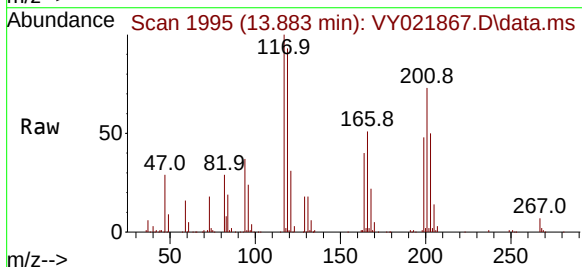
Acq: 14 Apr 2025 11:06

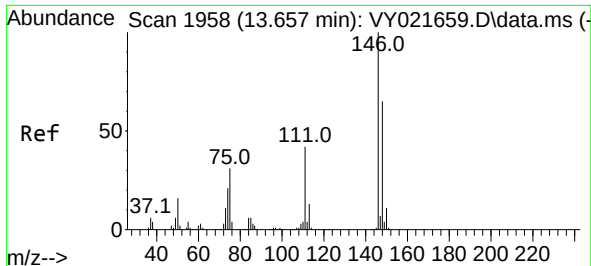
Tgt Ion: 117 Resp: 44373

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.1

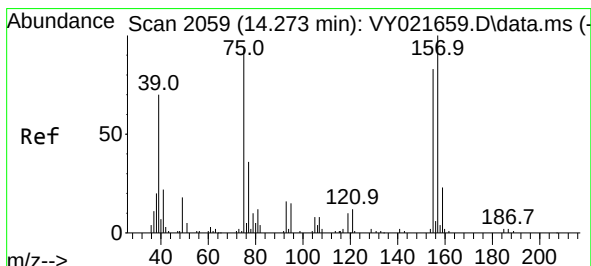
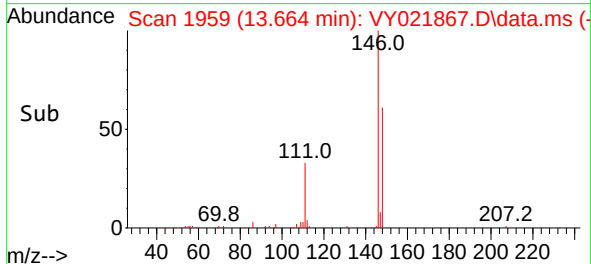
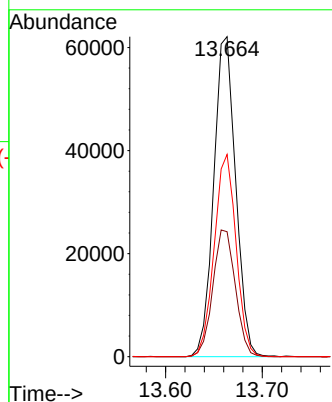
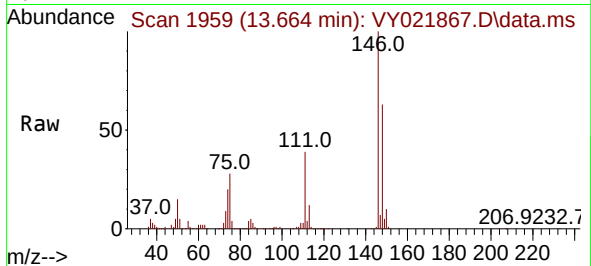




#91
 1,2-Dichlorobenzene
 Concen: 20.260 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

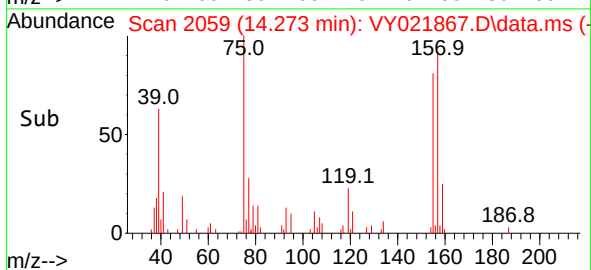
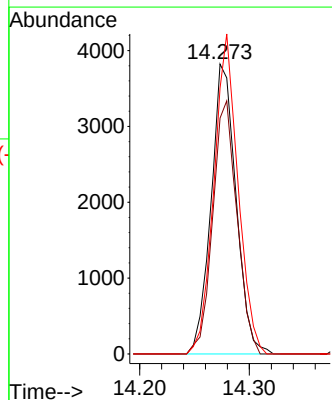
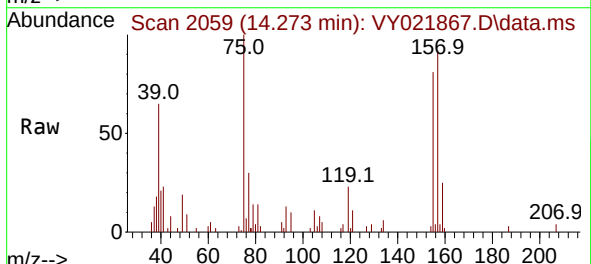
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

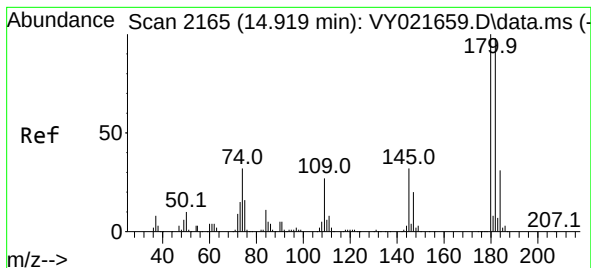
Tgt Ion:146 Resp: 98004
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.7 62.1
 148 62.8 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.485 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY021867.D
 Acq: 14 Apr 2025 11:06

Tgt Ion: 75 Resp: 6051
 Ion Ratio Lower Upper
 75 100
 155 84.7 43.0 128.8
 157 106.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.955 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

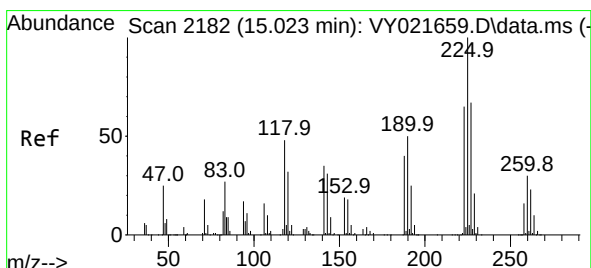
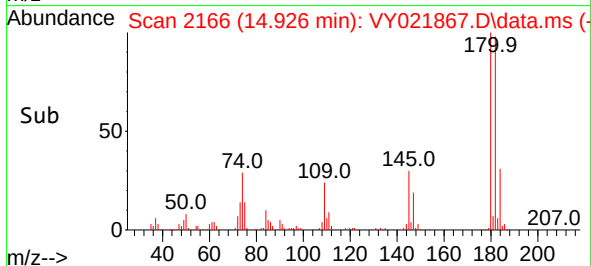
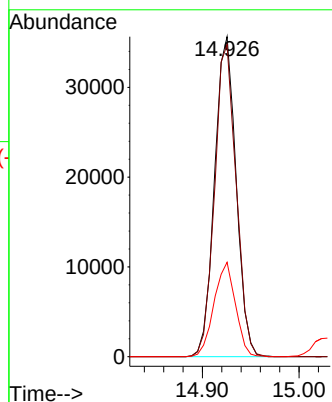
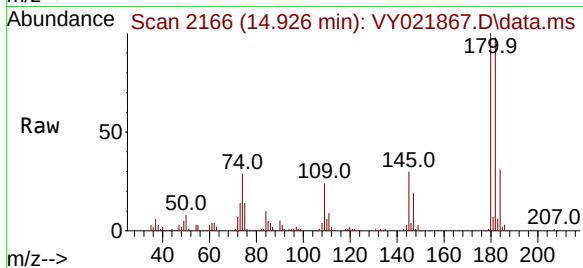
Tgt Ion:180 Resp: 54972

Ion Ratio Lower Upper

180 100

182 97.4 47.5 142.6

145 29.5 14.9 44.9



#94

Hexachlorobutadiene

Concen: 22.197 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

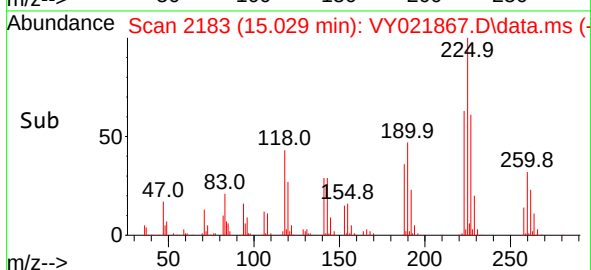
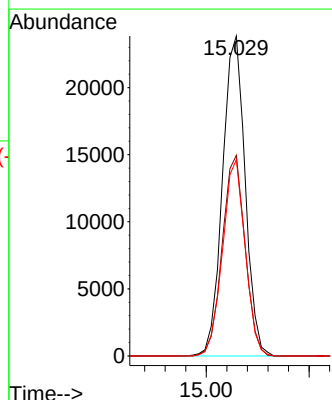
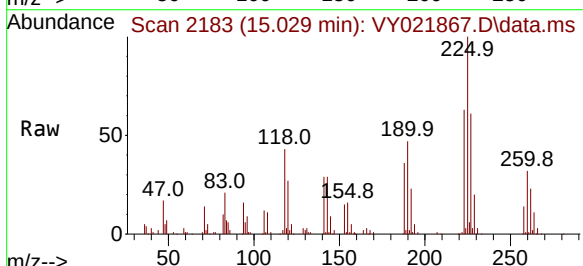
Tgt Ion:225 Resp: 36366

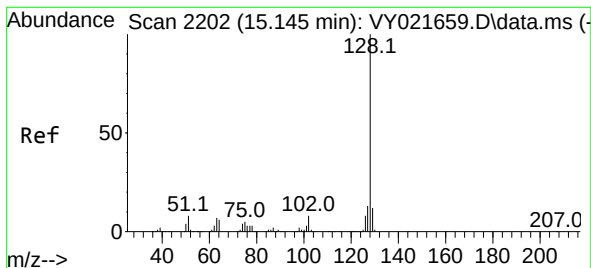
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.7

227 61.2 32.4 97.0





#95

Naphthalene

Concen: 19.629 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

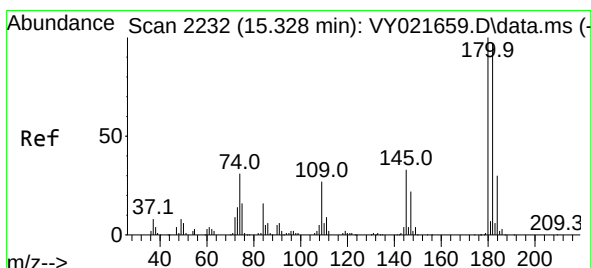
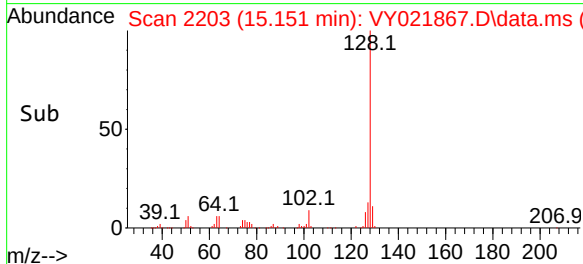
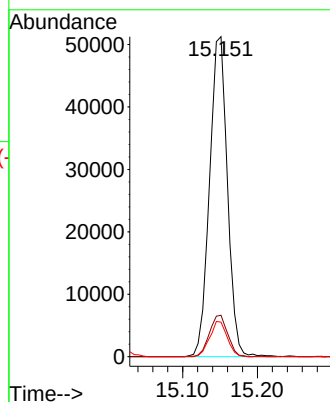
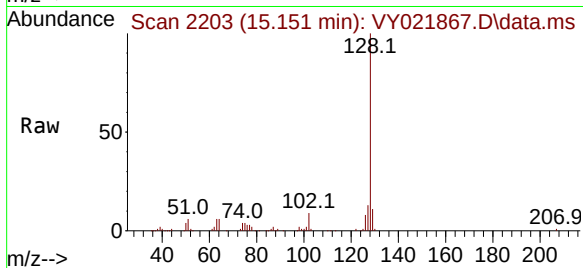
Tgt Ion:128 Resp: 85351

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.126 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021867.D

Acq: 14 Apr 2025 11:06

Tgt Ion:180 Resp: 47259

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.5

145 32.0 15.9 47.7

