

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021685.D
 Acq On : 28 Mar 2025 12:24
 Operator : SY/MD
 Sample : VY0328SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

Quant Time: Mar 28 23:41:29 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	207709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	328404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	287498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	141596	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116773	51.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.780%	
35) Dibromofluoromethane	7.634	113	110855	52.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.080%	
50) Toluene-d8	10.103	98	433321	53.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.940%	
62) 4-Bromofluorobenzene	12.408	95	142421	51.955	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	43849	20.368	ug/l	94
3) Chloromethane	2.068	50	61842	20.429	ug/l	97
4) Vinyl Chloride	2.202	62	69470	20.292	ug/l	99
5) Bromomethane	2.592	94	48787	20.894	ug/l	98
6) Chloroethane	2.733	64	44480	19.855	ug/l	97
7) Trichlorofluoromethane	3.056	101	94636	21.579	ug/l	97
8) Diethyl Ether	3.452	74	23218	19.468	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	48344	20.901	ug/l	99
10) Methyl Iodide	4.001	142	48820	19.239	ug/l	100
11) Tert butyl alcohol	4.866	59	12491	85.453	ug/l	95
12) 1,1-Dichloroethene	3.787	96	43800	20.104	ug/l	87
13) Acrolein	3.647	56	22589	84.633	ug/l	94
14) Allyl chloride	4.385	41	69248	19.935	ug/l	98
15) Acrylonitrile	5.061	53	48523	97.442	ug/l	100
16) Acetone	3.866	43	46418	100.781	ug/l	99
17) Carbon Disulfide	4.104	76	142838	19.905	ug/l	97
18) Methyl Acetate	4.385	43	21555	18.883	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	102708	18.935	ug/l	98
20) Methylene Chloride	4.616	84	53224	21.404	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	49255	20.533	ug/l	99
22) Diisopropyl ether	6.019	45	147419	20.231	ug/l	98
23) Vinyl Acetate	5.958	43	412885	96.856	ug/l	98
24) 1,1-Dichloroethane	5.915	63	90869	20.855	ug/l	98
25) 2-Butanone	6.890	43	64185	97.567	ug/l	99
26) 2,2-Dichloropropane	6.884	77	79614	20.541	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	54438	20.180	ug/l	98
28) Bromochloromethane	7.244	49	37051	20.163	ug/l	98
29) Tetrahydrofuran	7.262	42	39638	93.621	ug/l	99
30) Chloroform	7.421	83	93336	20.595	ug/l	98
31) Cyclohexane	7.701	56	79052	19.903	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	82948	20.251	ug/l	98
36) 1,1-Dichloropropene	7.835	75	65839	20.291	ug/l	99
37) Ethyl Acetate	6.982	43	28313	18.489	ug/l	98
38) Carbon Tetrachloride	7.817	117	76662	20.628	ug/l	93
39) Methylcyclohexane	9.109	83	78364	20.217	ug/l	98
40) Benzene	8.079	78	198341	20.411	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	15982	19.652	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	54766	19.992	ug/l	99
43) Isopropyl Acetate	8.195	43	54618	18.821	ug/l	98
44) Trichloroethene	8.866	130	50135	20.249	ug/l	97
45) 1,2-Dichloropropane	9.140	63	47844	20.800	ug/l	97
46) Dibromomethane	9.225	93	26127	19.709	ug/l	98
47) Bromodichloromethane	9.420	83	69350	20.190	ug/l	99
48) Methyl methacrylate	9.219	41	24730	18.567	ug/l	99
49) 1,4-Dioxane	9.225	88	5301	373.286	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	141065	93.408	ug/l	98
52) Toluene	10.170	92	124458	20.528	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	60164	19.719	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	71842	19.960	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	33126	19.418	ug/l	99
56) Ethyl methacrylate	10.438	69	39885	18.310	ug/l	99
57) 1,3-Dichloropropane	10.719	76	56862	19.300	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	99990	94.096	ug/l	98
59) 2-Hexanone	10.762	43	93943	93.404	ug/l	100
60) Dibromochloromethane	10.914	129	46418	19.929	ug/l	99
61) 1,2-Dibromoethane	11.012	107	31664	19.786	ug/l	98
64) Tetrachloroethene	10.646	164	54052	20.643	ug/l	97
65) Chlorobenzene	11.444	112	132626	20.124	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	48186	20.607	ug/l	99
67) Ethyl Benzene	11.518	91	226725	20.062	ug/l	99
68) m/p-Xylenes	11.627	106	176980	40.897	ug/l	99
69) o-Xylene	11.957	106	80393	20.125	ug/l	99
70) Styrene	11.969	104	135552	20.352	ug/l	99
71) Bromoform	12.133	173	25811	19.352	ug/l #	97
73) Isopropylbenzene	12.255	105	212230	20.180	ug/l	100
74) N-amyl acetate	12.072	43	45076	18.263	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	36931	19.532	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	49871	35.531	ug/l #	100
77) Bromobenzene	12.530	156	50428	19.971	ug/l	98
78) n-propylbenzene	12.597	91	265059	20.964	ug/l	100
79) 2-Chlorotoluene	12.676	91	152672	20.789	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	179200	20.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11206	18.396	ug/l	96
82) 4-Chlorotoluene	12.780	91	157484	20.570	ug/l	99
83) tert-Butylbenzene	12.999	119	154934	20.237	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	176911	20.825	ug/l	99
85) sec-Butylbenzene	13.176	105	232679	20.797	ug/l	100
86) p-Isopropyltoluene	13.292	119	191285	20.686	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	100629	20.227	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	100368	20.420	ug/l	98
89) n-Butylbenzene	13.615	91	176171	20.600	ug/l	98
90) Hexachloroethane	13.877	117	41719	20.588	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	89015	20.554	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5393	18.402	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	44225	18.831	ug/l	100
94) Hexachlorobutadiene	15.023	225	29078	19.825	ug/l	99
95) Naphthalene	15.145	128	66363	17.048	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	35990	17.971	ug/l	97

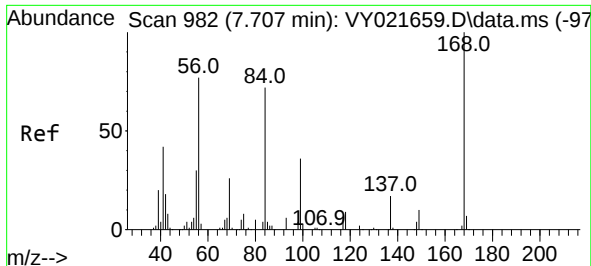
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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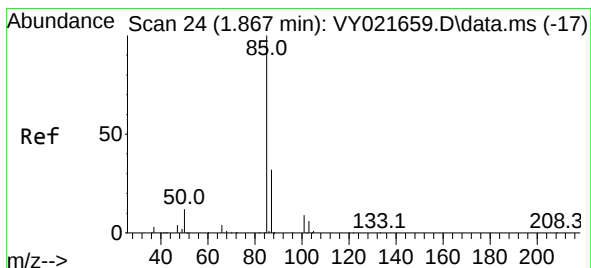
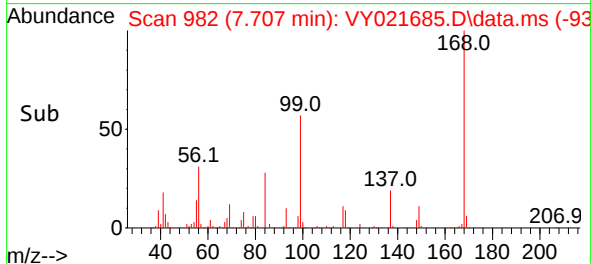
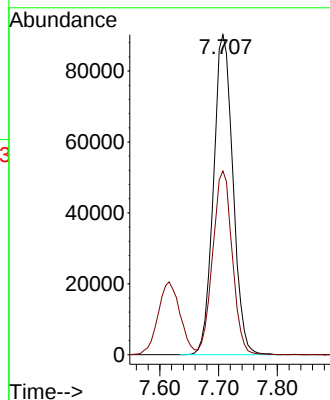
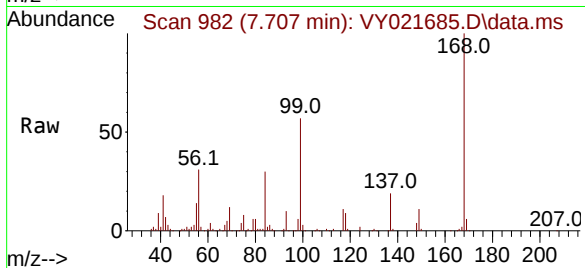
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

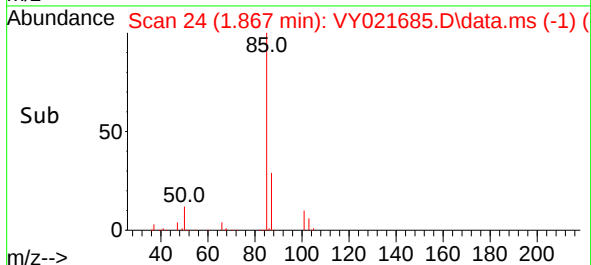
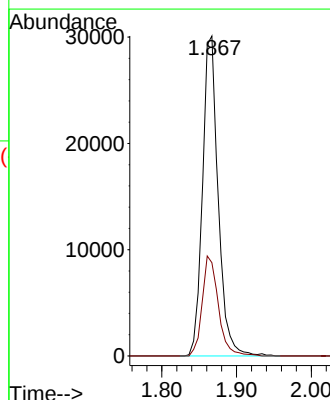
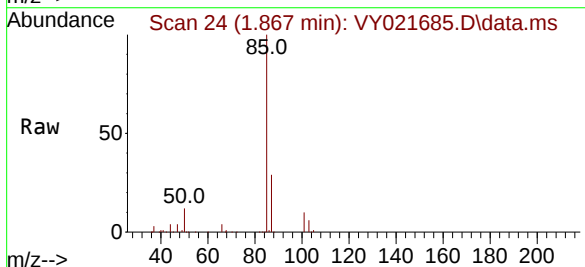
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ClientSampleId :
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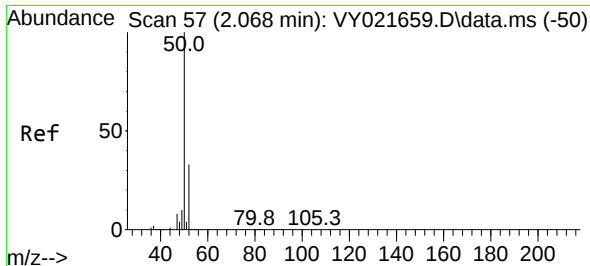
Tgt Ion:168 Resp: 207709
Ion Ratio Lower Upper
168 100
99 57.4 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 20.368 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 85 Resp: 43849
Ion Ratio Lower Upper
85 100
87 29.2 16.2 48.6

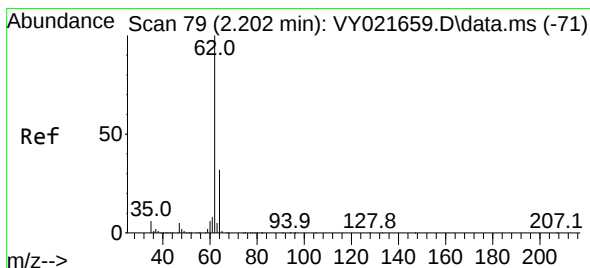
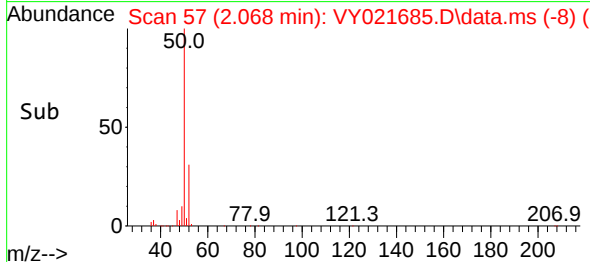
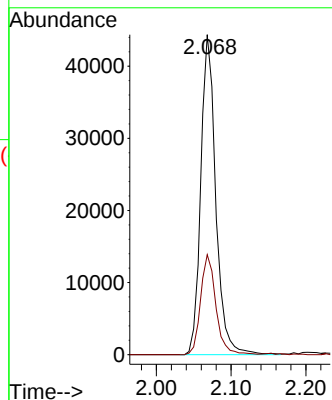
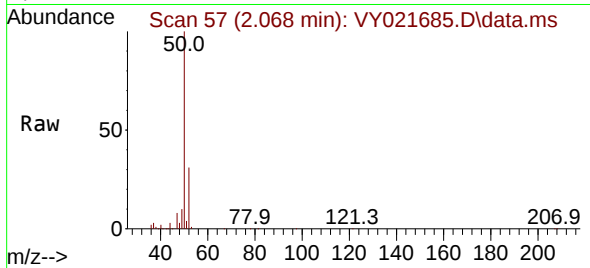




#3
Chloromethane
Concen: 20.429 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

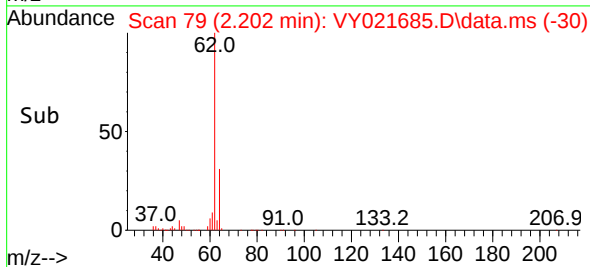
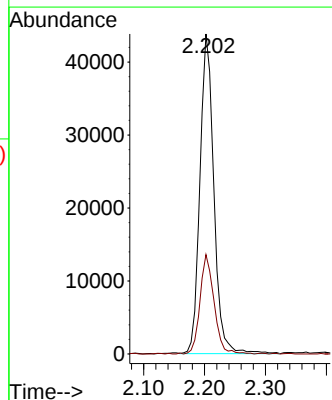
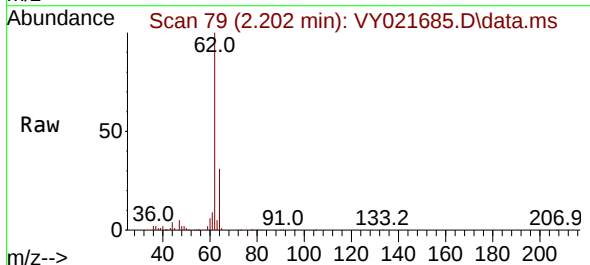
Instrument :
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ClientSampleId :
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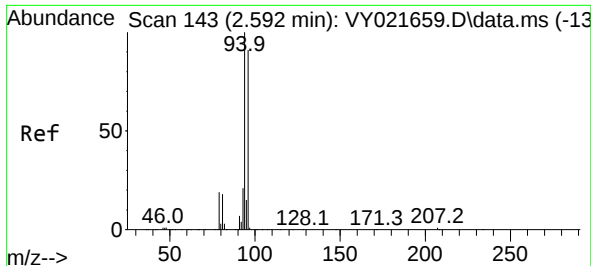
Tgt Ion: 50 Resp: 61842
Ion Ratio Lower Upper
50 100
52 31.2 26.3 39.5



#4
Vinyl Chloride
Concen: 20.292 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 62 Resp: 69470
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3

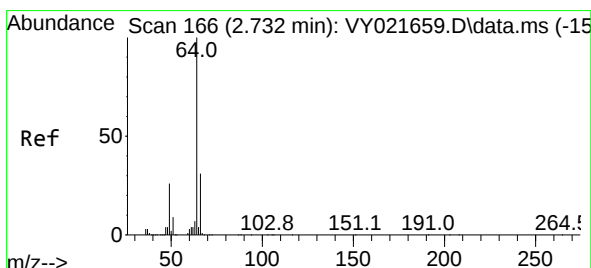
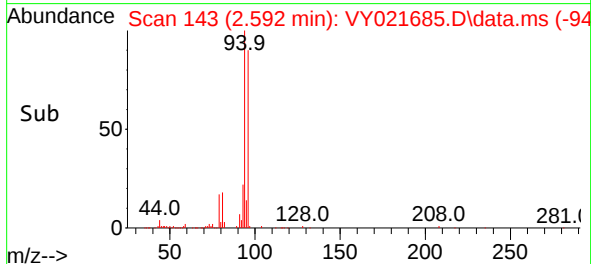
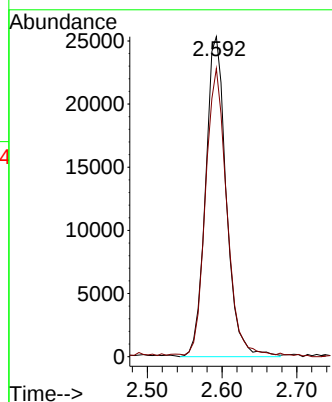
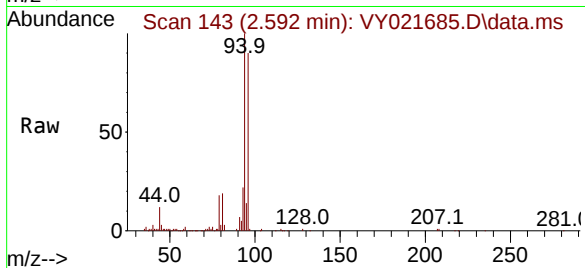




#5
Bromomethane
Concen: 20.894 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

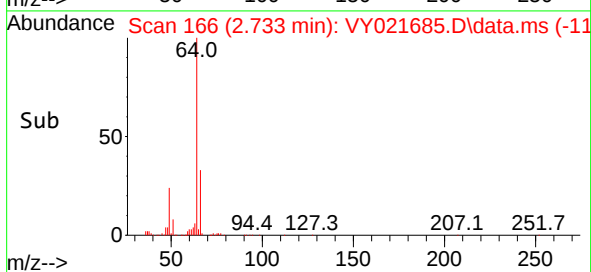
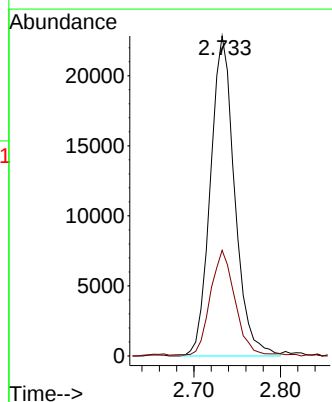
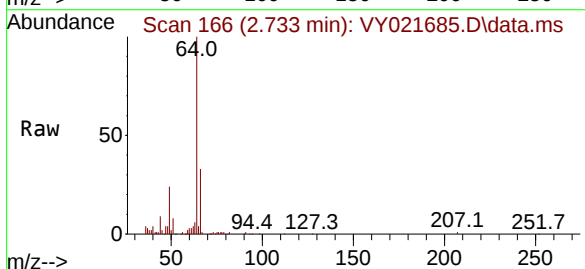
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 48787
Ion Ratio Lower Upper
94 100
96 89.3 72.8 109.2



#6
Chloroethane
Concen: 19.855 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 64 Resp: 44480
Ion Ratio Lower Upper
64 100
66 32.6 24.9 37.3

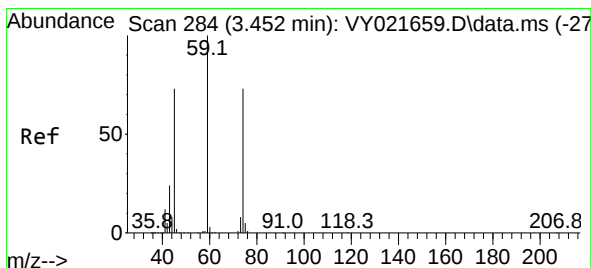
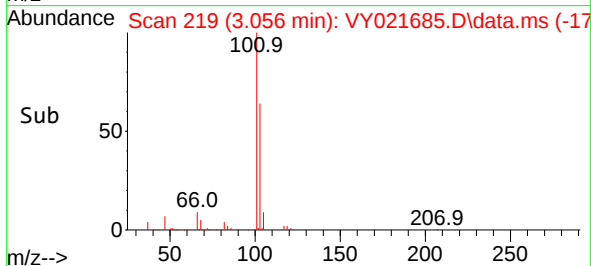
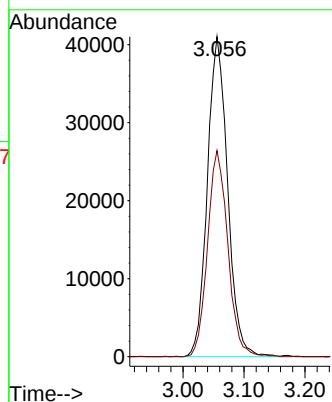
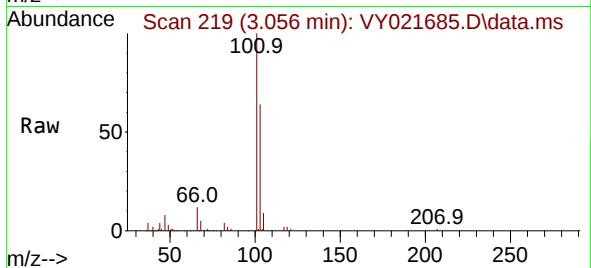




#7
 Trichlorofluoromethane
 Concen: 21.579 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

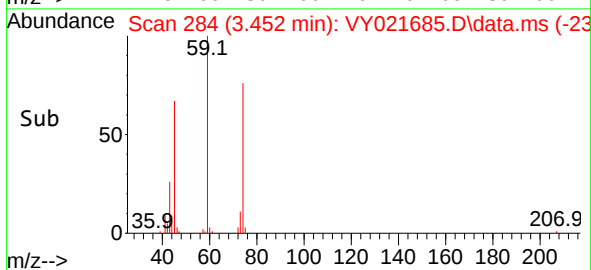
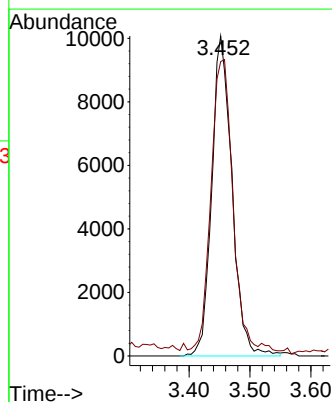
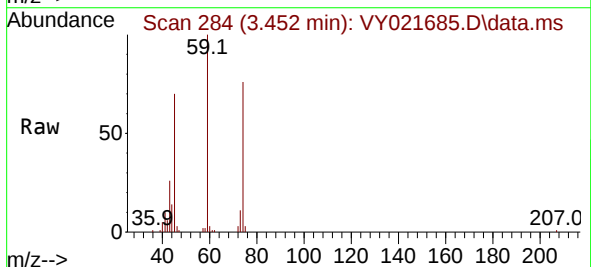
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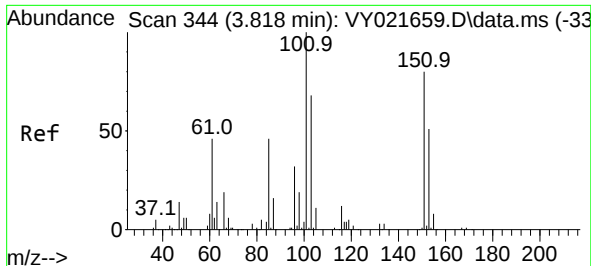
Tgt Ion:101 Resp: 94636
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.468 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

Tgt Ion: 74 Resp: 23218
 Ion Ratio Lower Upper
 74 100
 45 96.1 48.6 145.8

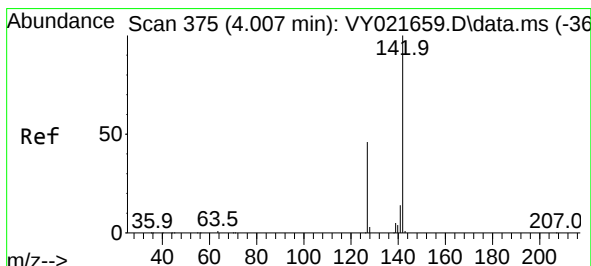
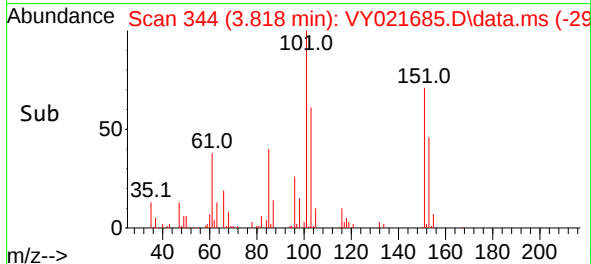
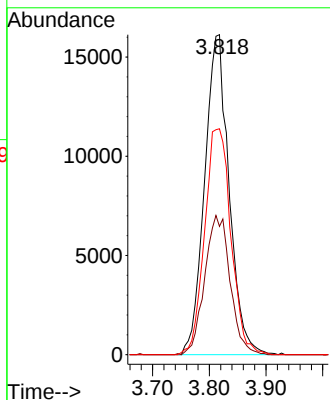
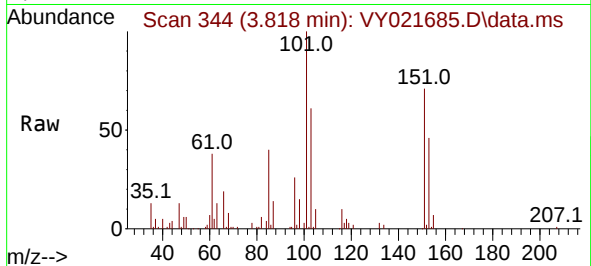




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.901 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

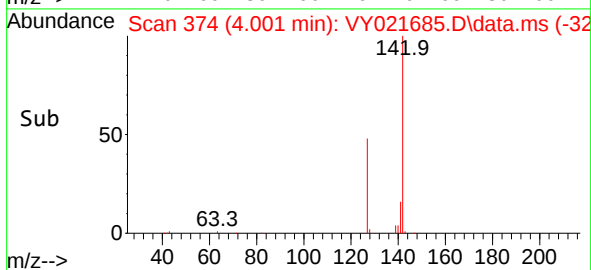
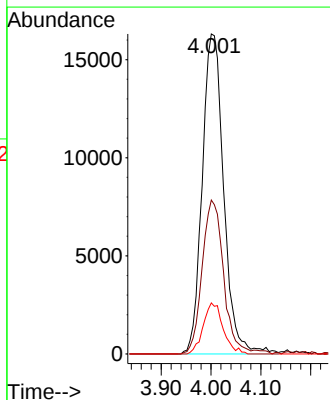
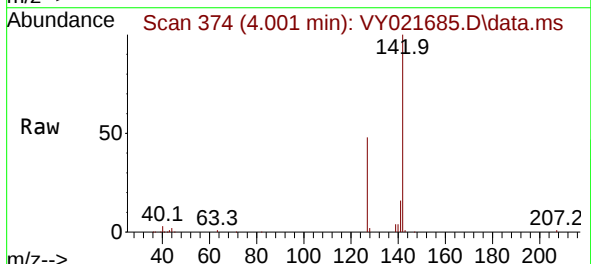
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ClientSampleId :
VY0328SBSD01

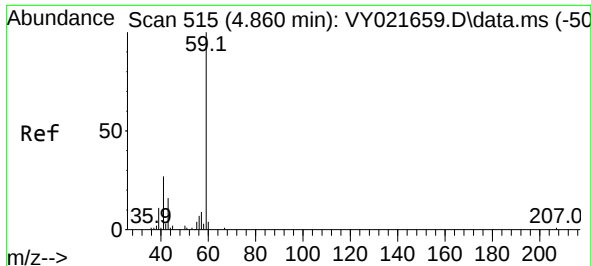
Tgt Ion:101 Resp: 48344
Ion Ratio Lower Upper
101 100
85 45.3 36.3 54.5
151 76.0 61.3 91.9



#10
Methyl Iodide
Concen: 19.239 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion:142 Resp: 48820
Ion Ratio Lower Upper
142 100
127 48.3 38.7 58.1
141 14.8 11.5 17.3

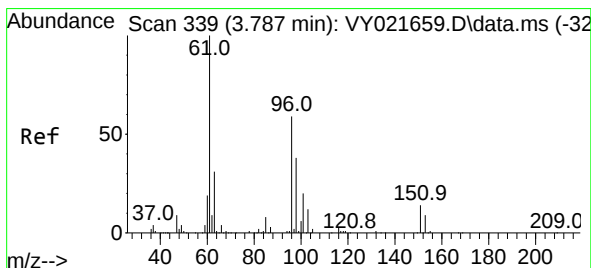
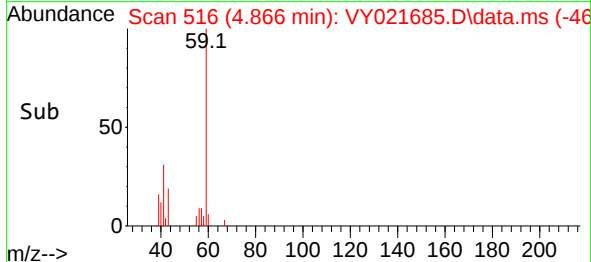
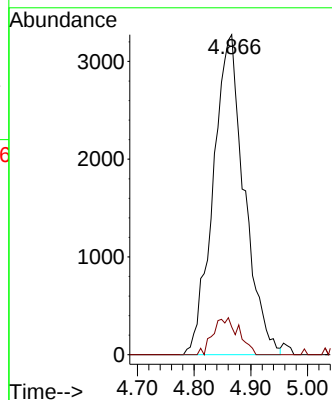
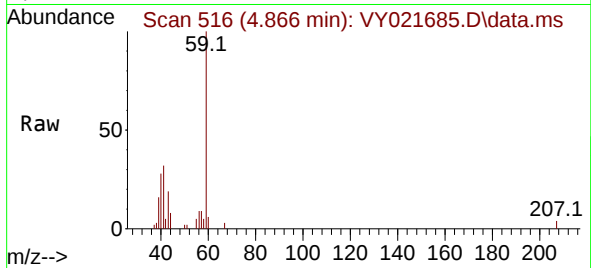




#11
Tert butyl alcohol
Concen: 85.453 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

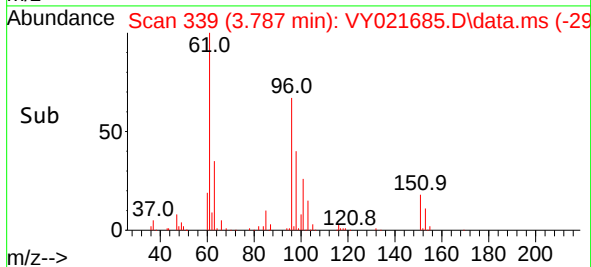
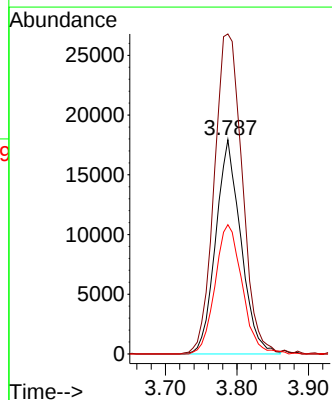
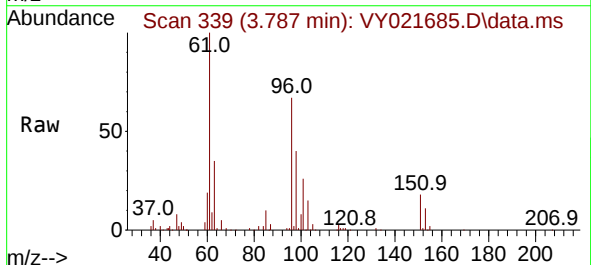
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

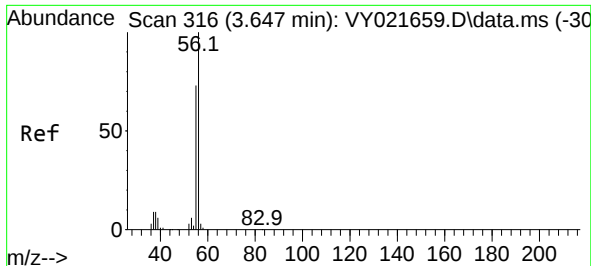
Tgt Ion: 59 Resp: 12491
Ion Ratio Lower Upper
59 100
57 9.6 9.2 13.8



#12
1,1-Dichloroethene
Concen: 20.104 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 96 Resp: 43800
Ion Ratio Lower Upper
96 100
61 149.3 136.6 204.8
98 60.3 52.3 78.5

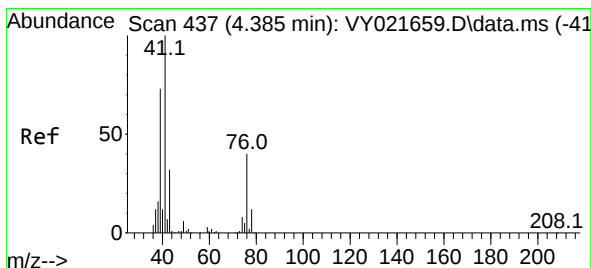
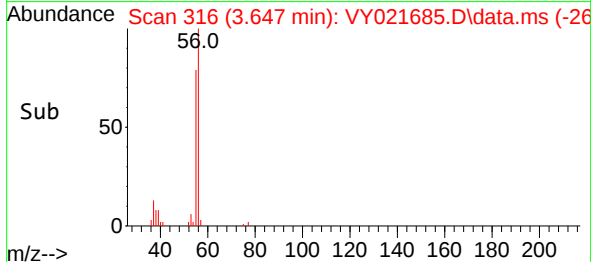
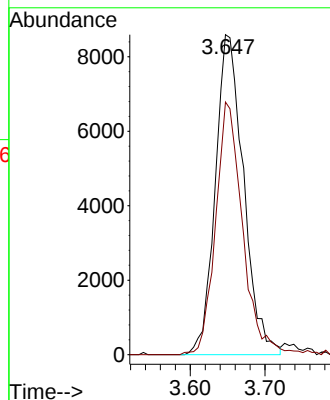
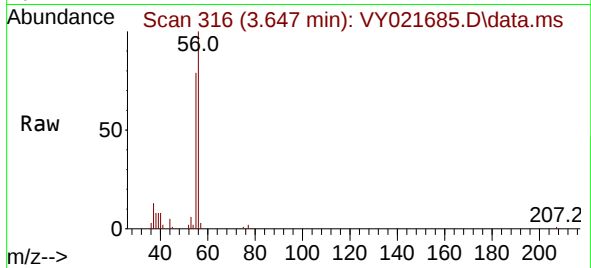




#13
Acrolein
Concen: 84.633 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

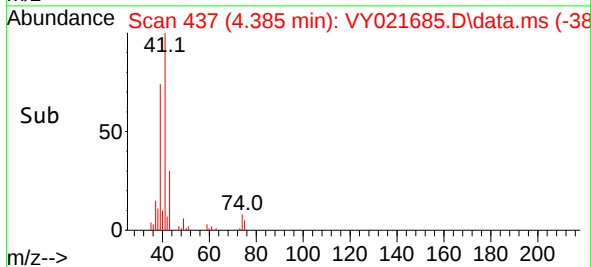
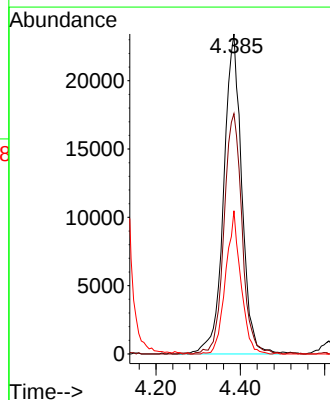
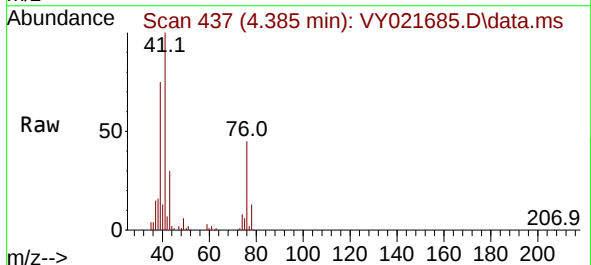
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

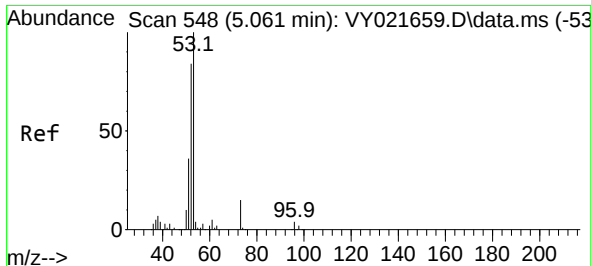
Tgt Ion: 56 Resp: 22589
Ion Ratio Lower Upper
56 100
55 75.4 56.6 85.0



#14
Allyl chloride
Concen: 19.935 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 41 Resp: 69248
Ion Ratio Lower Upper
41 100
39 75.2 58.6 88.0
76 37.8 30.3 45.5

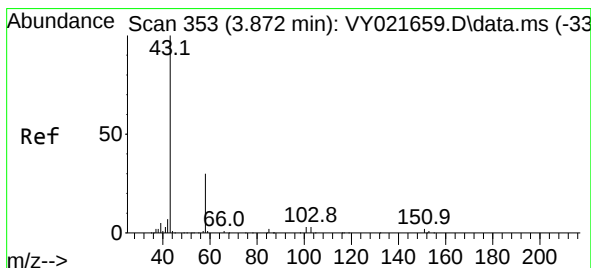
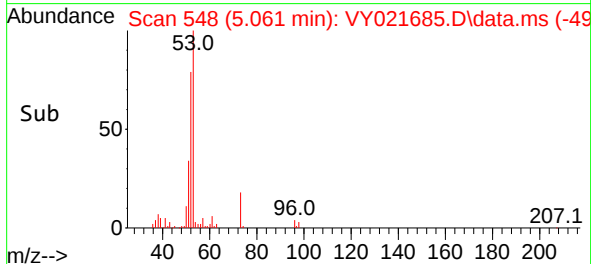
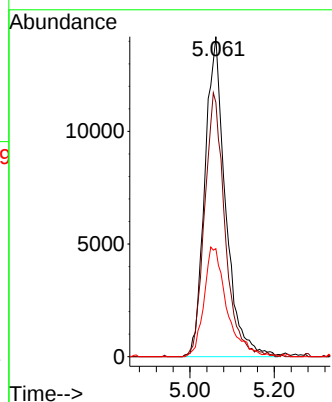
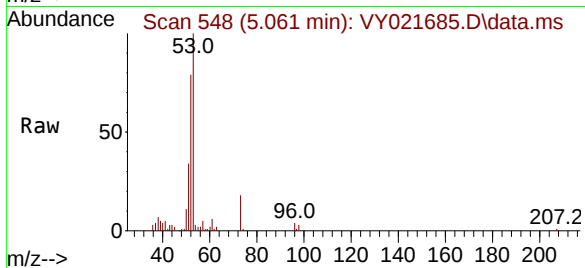




#15
Acrylonitrile
Concen: 97.442 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

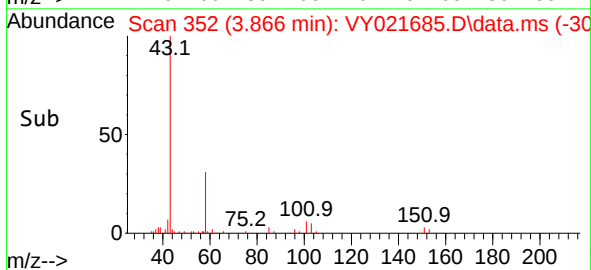
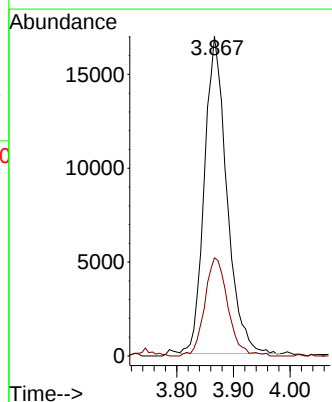
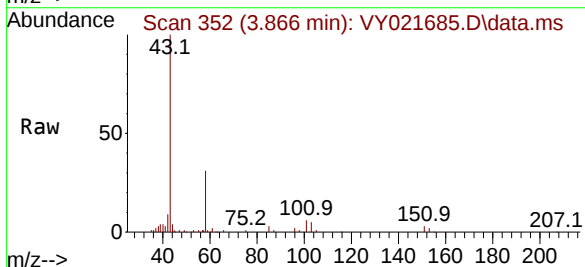
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

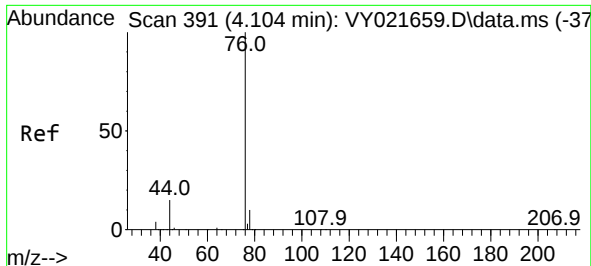
Tgt Ion: 53 Resp: 48523
Ion Ratio Lower Upper
53 100
52 81.2 64.9 97.3
51 37.8 30.2 45.2



#16
Acetone
Concen: 100.781 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 43 Resp: 46418
Ion Ratio Lower Upper
43 100
58 30.9 24.2 36.4

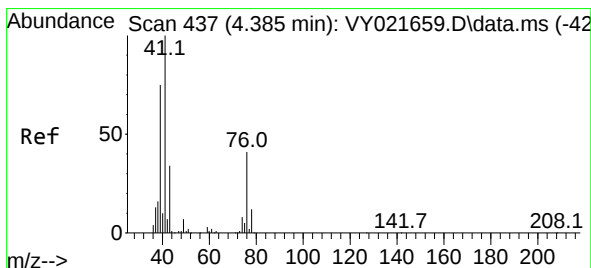
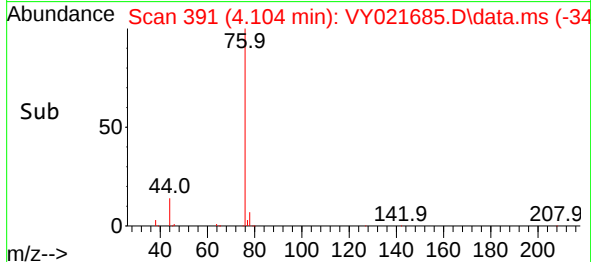
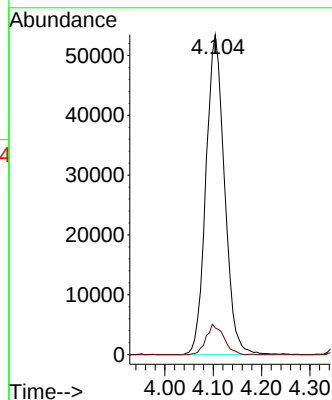
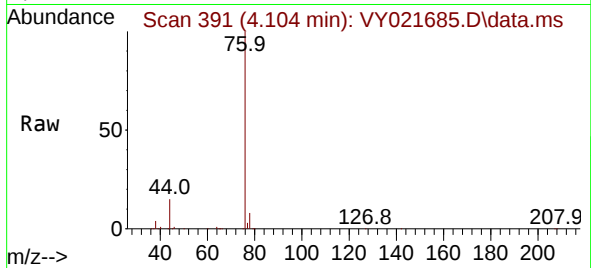




#17
Carbon Disulfide
Concen: 19.905 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

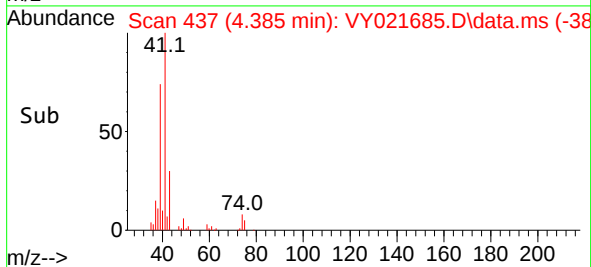
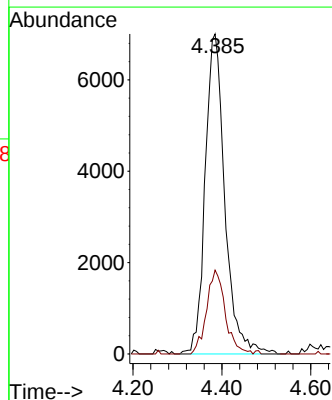
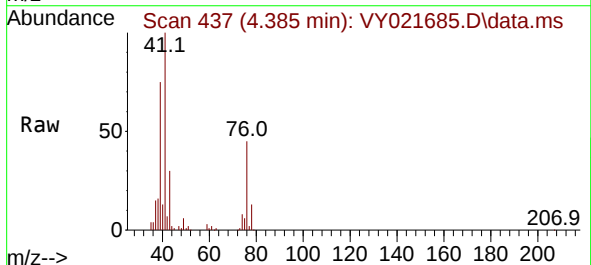
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

Tgt Ion: 76 Resp: 142838
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



#18
Methyl Acetate
Concen: 18.883 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 43 Resp: 21555
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 18.935 ug/l

RT: 5.116 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

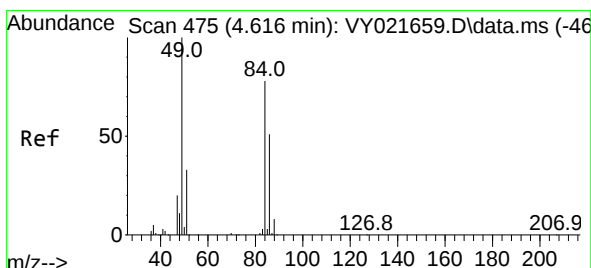
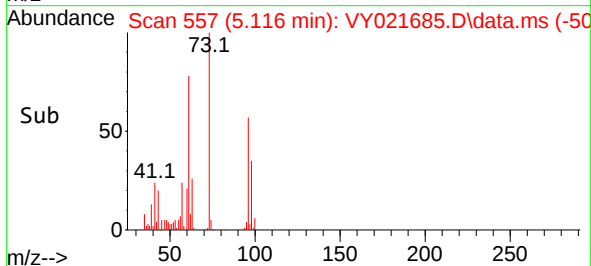
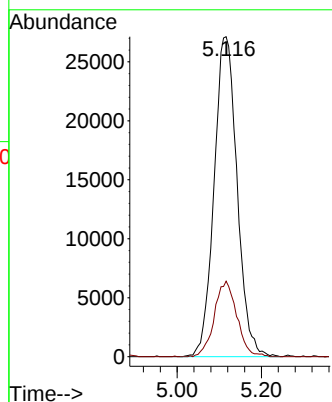
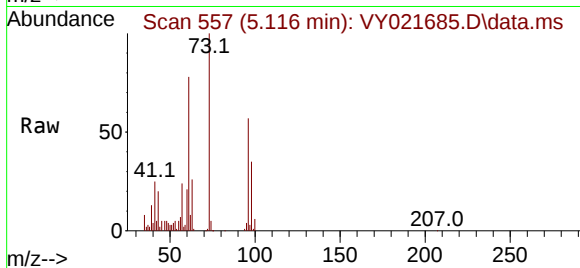
VY0328SBS01

Tgt Ion: 73 Resp: 102708

Ion Ratio Lower Upper

73 100

57 23.6 18.1 27.1



#20

Methylene Chloride

Concen: 21.404 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Tgt Ion: 84 Resp: 53224

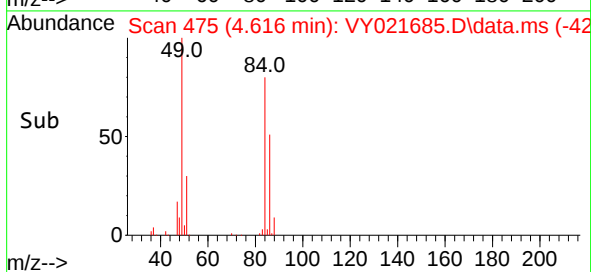
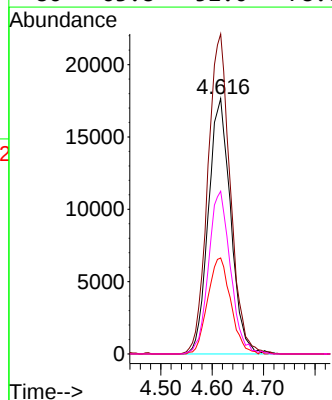
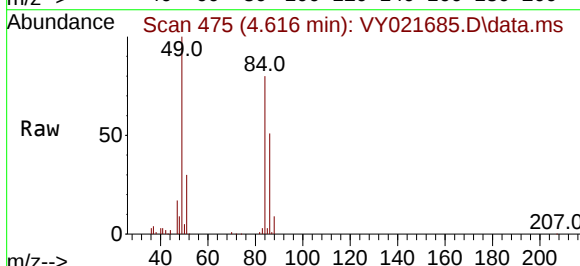
Ion Ratio Lower Upper

84 100

49 125.3 102.8 154.2

51 37.6 33.5 50.3

86 63.8 52.0 78.0

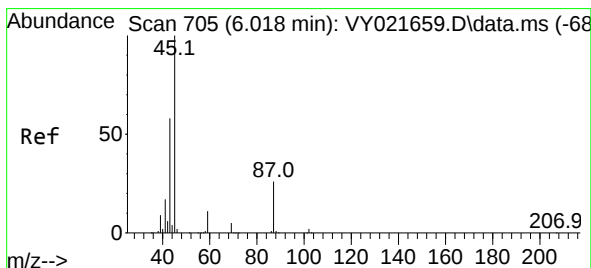
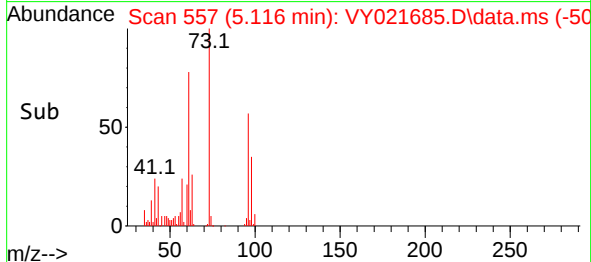
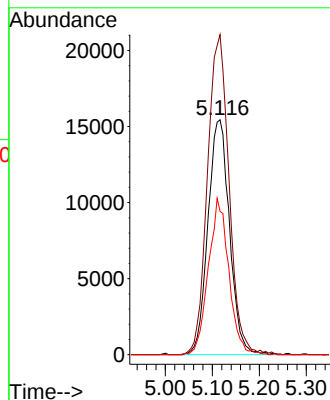
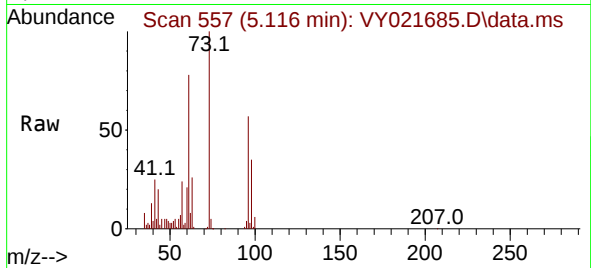




#21
trans-1,2-Dichloroethene
Concen: 20.533 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

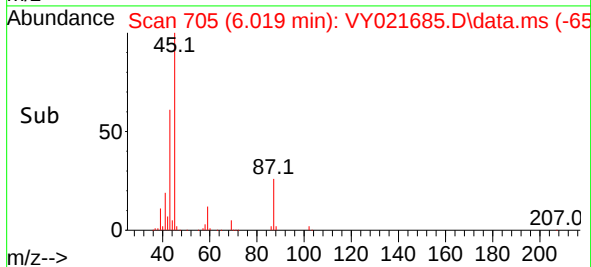
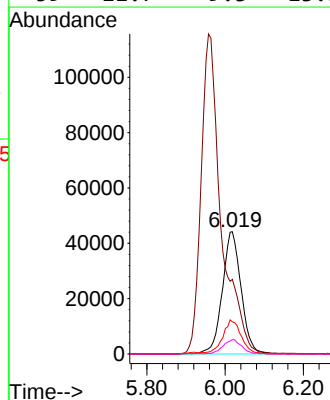
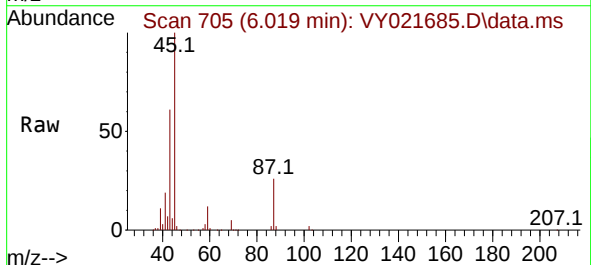
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

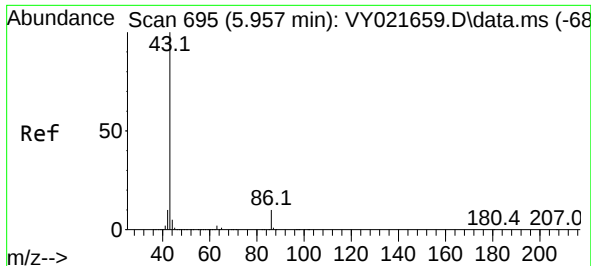
Tgt Ion: 96 Resp: 49255
Ion Ratio Lower Upper
96 100
61 136.2 109.4 164.0
98 61.0 50.2 75.2



#22
Diisopropyl ether
Concen: 20.231 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 45 Resp: 147419
Ion Ratio Lower Upper
45 100
43 60.8 46.6 69.8
87 26.2 20.7 31.1
59 11.7 9.3 13.9

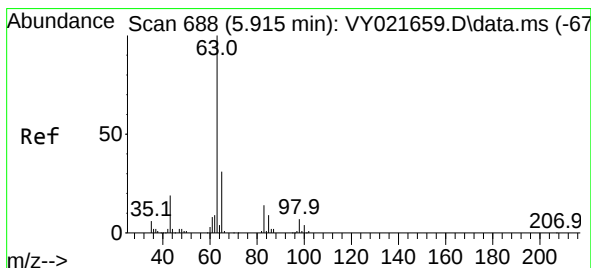
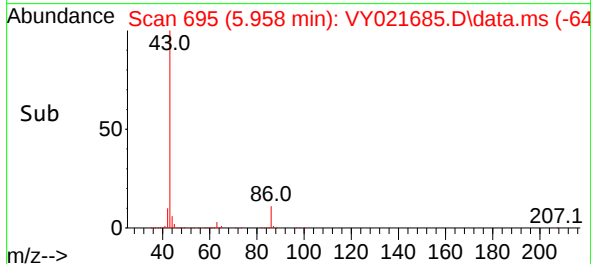
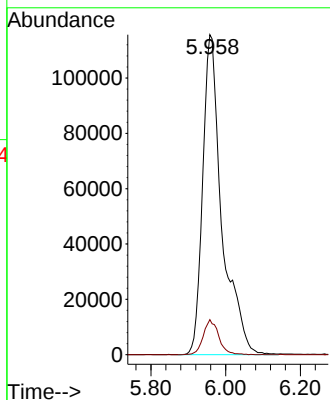
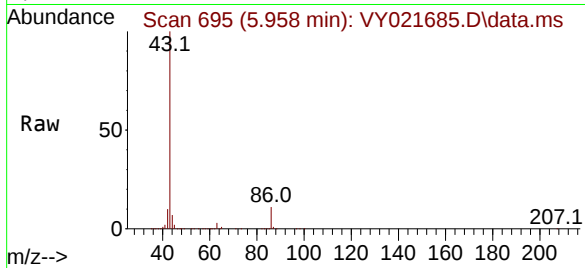




#23
 Vinyl Acetate
 Concen: 96.856 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

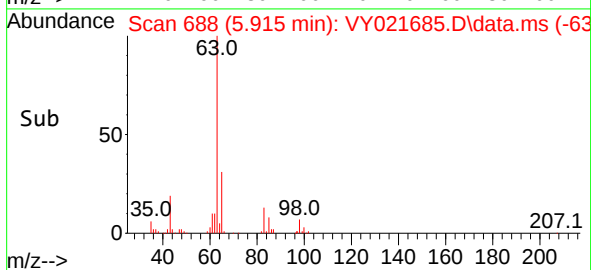
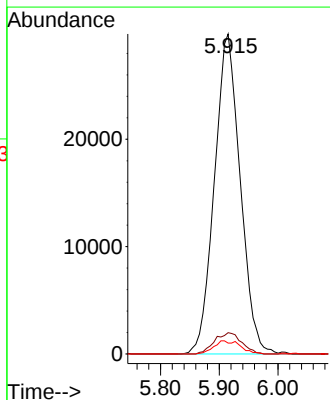
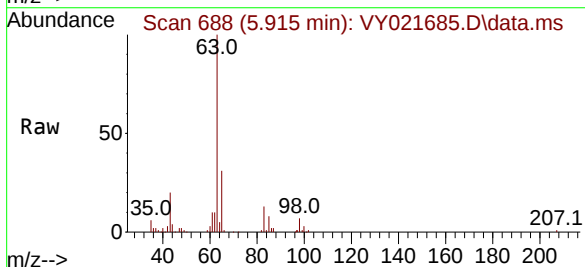
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

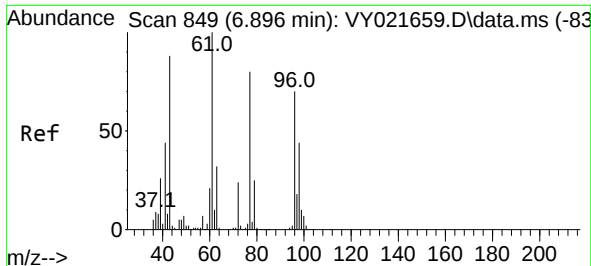
Tgt Ion: 43 Resp: 412885
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.855 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

Tgt Ion: 63 Resp: 90869
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 3.4 2.2 6.6

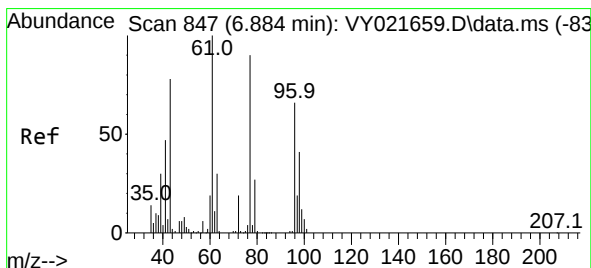
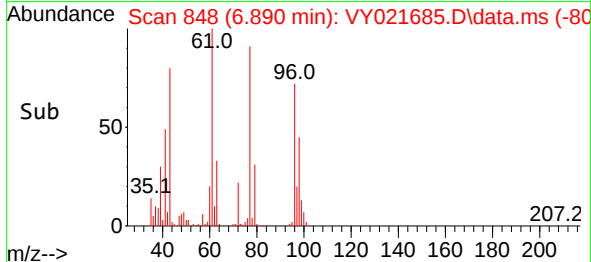
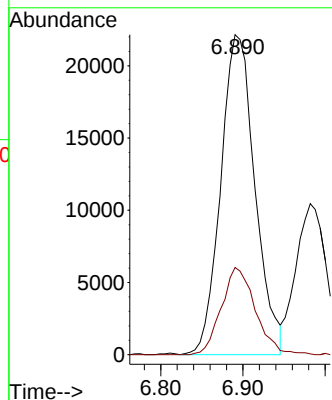
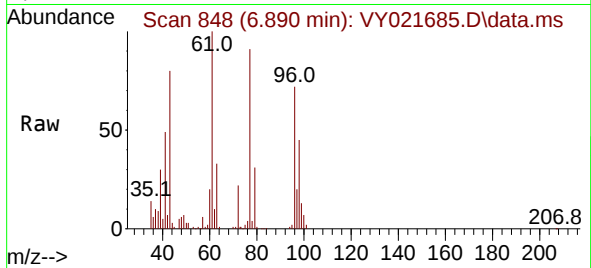




#25
2-Butanone
Concen: 97.567 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

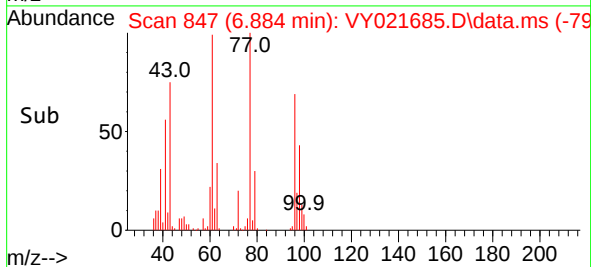
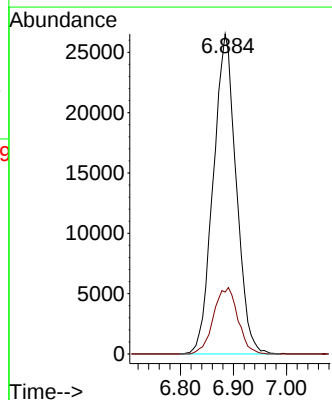
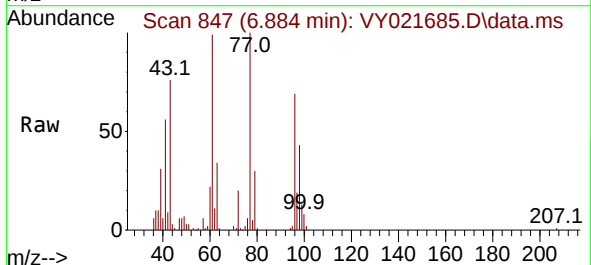
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBSD01

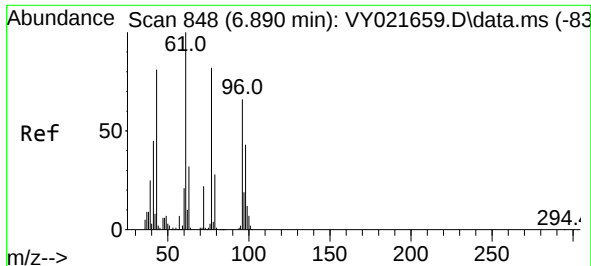
Tgt Ion: 43 Resp: 64185
Ion Ratio Lower Upper
43 100
72 27.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.541 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 77 Resp: 79614
Ion Ratio Lower Upper
77 100
97 22.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.180 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

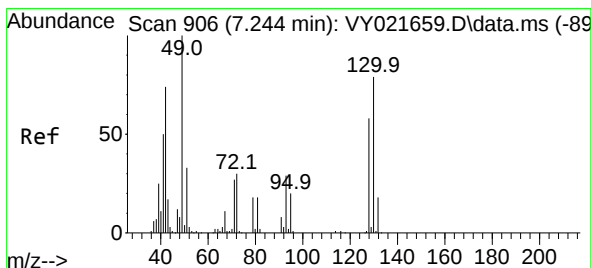
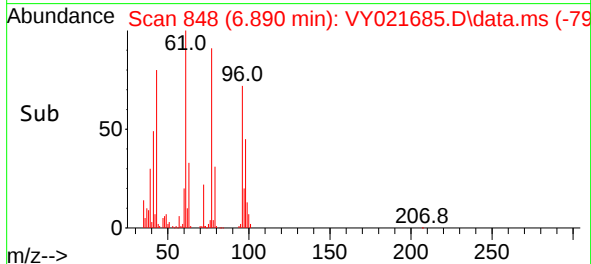
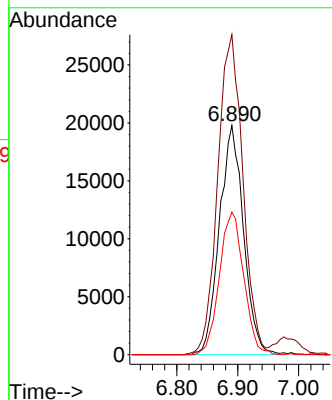
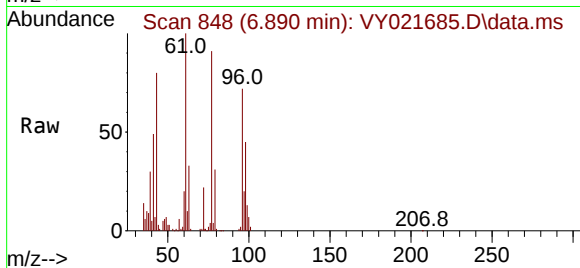
Tgt Ion: 96 Resp: 54438

Ion Ratio Lower Upper

96 100

61 145.0 0.0 296.4

98 62.8 0.0 128.0



#28

Bromochloromethane

Concen: 20.163 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

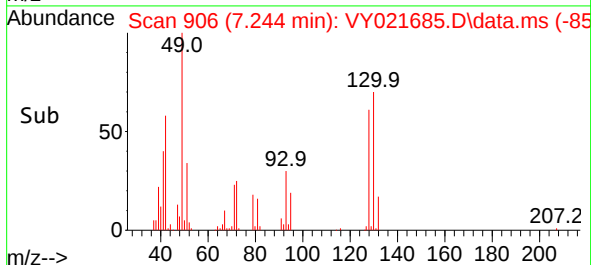
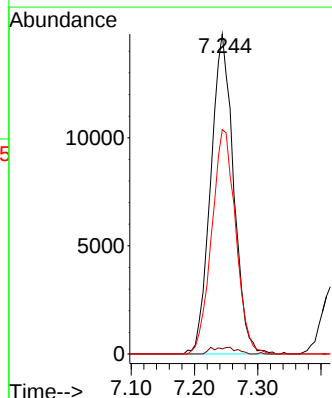
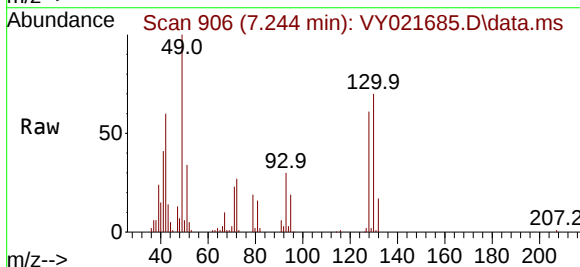
Tgt Ion: 49 Resp: 37051

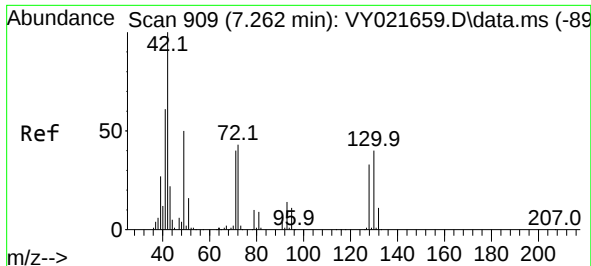
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 73.4 60.1 90.1





#29

Tetrahydrofuran

Concen: 93.621 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

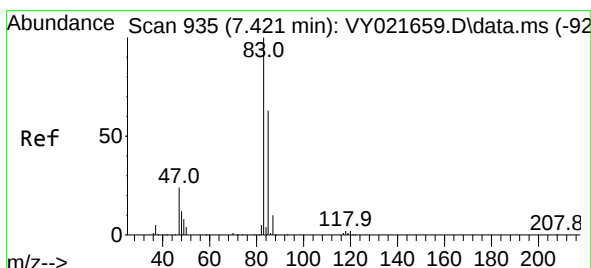
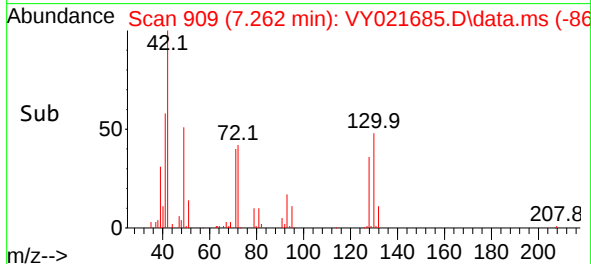
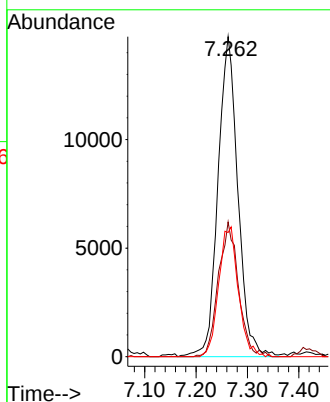
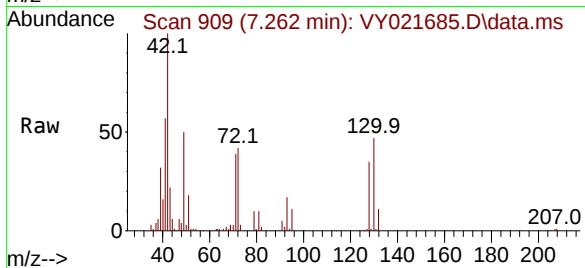
Tgt Ion: 42 Resp: 39638

Ion Ratio Lower Upper

42 100

72 42.4 34.6 52.0

71 40.0 32.5 48.7



#30

Chloroform

Concen: 20.595 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021685.D

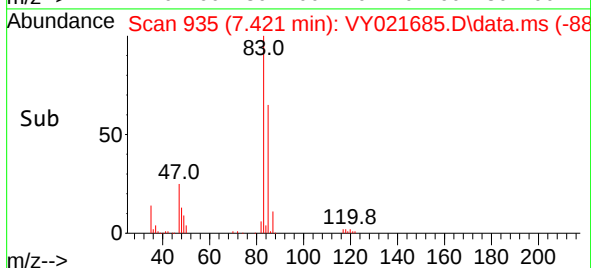
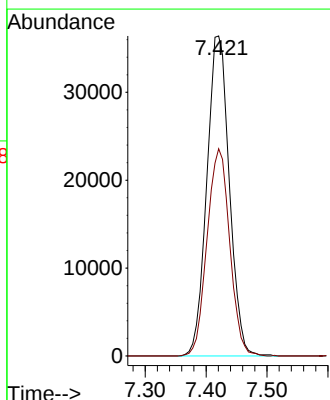
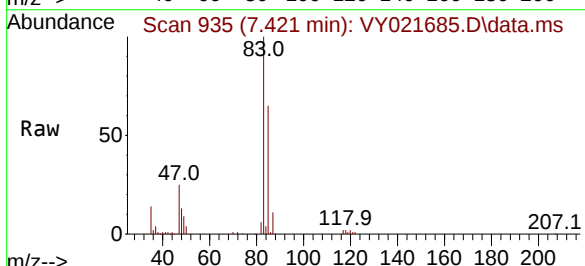
Acq: 28 Mar 2025 12:24

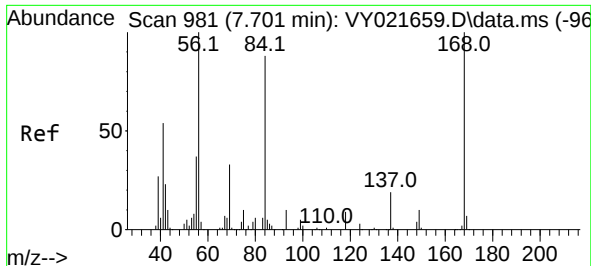
Tgt Ion: 83 Resp: 93336

Ion Ratio Lower Upper

83 100

85 64.7 50.6 75.8

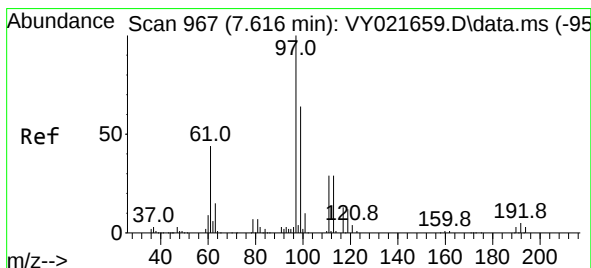
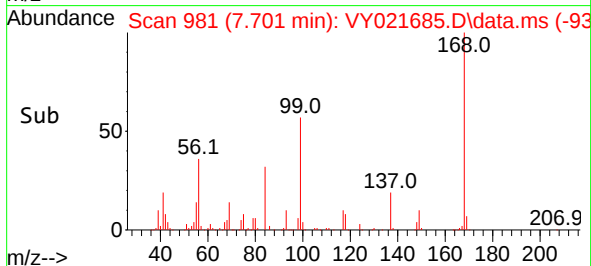
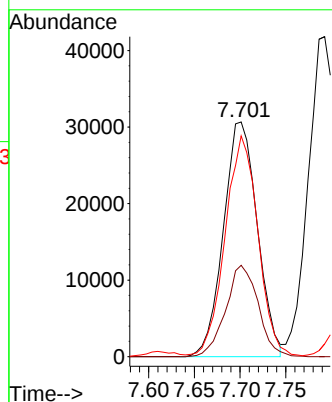
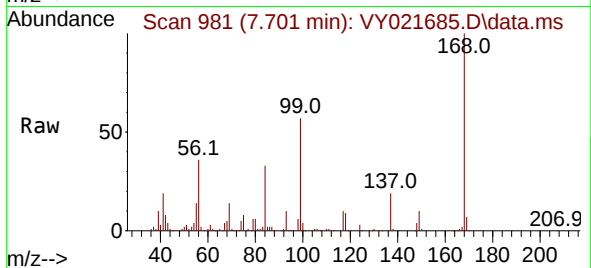




#31
Cyclohexane
Concen: 19.903 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

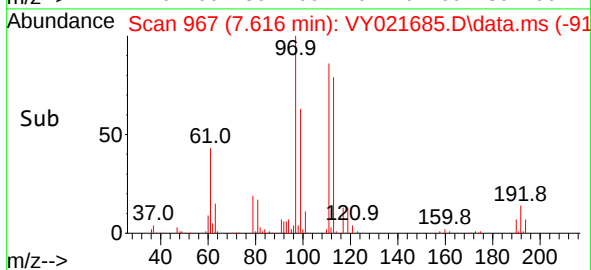
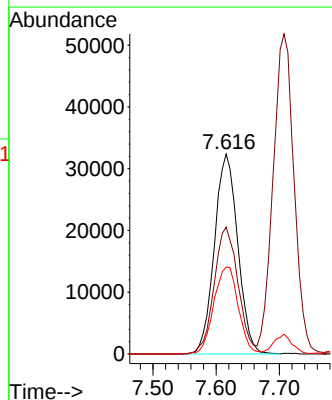
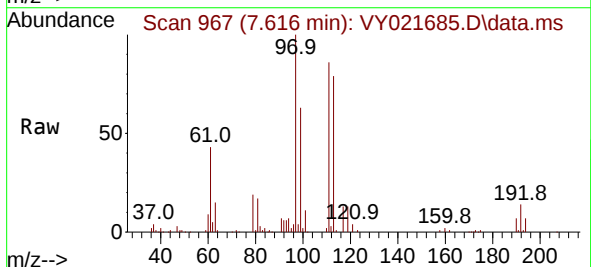
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

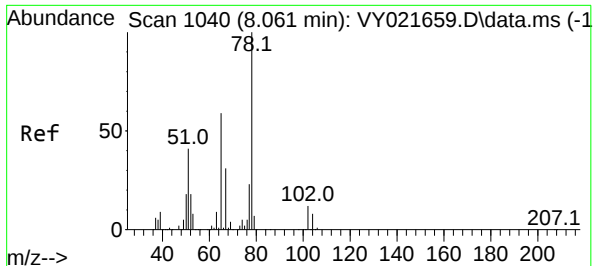
Tgt Ion: 56 Resp: 79052
Ion Ratio Lower Upper
56 100
69 39.0 26.6 40.0
84 93.3 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 20.251 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 97 Resp: 82948
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 45.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.888 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

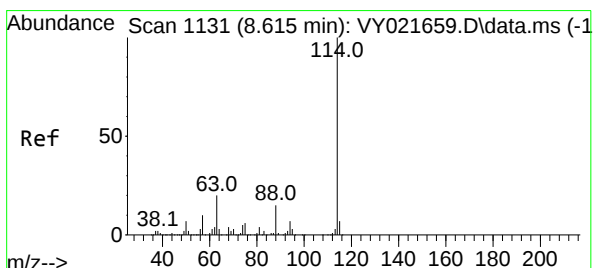
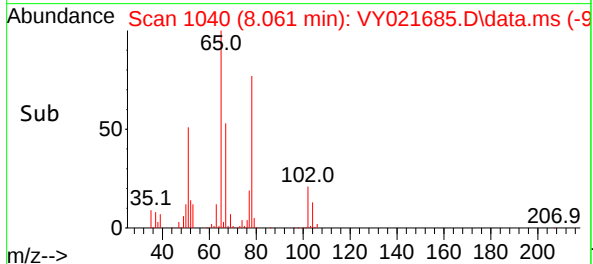
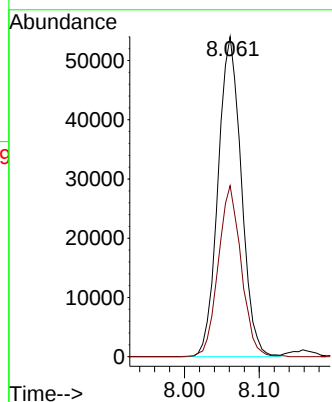
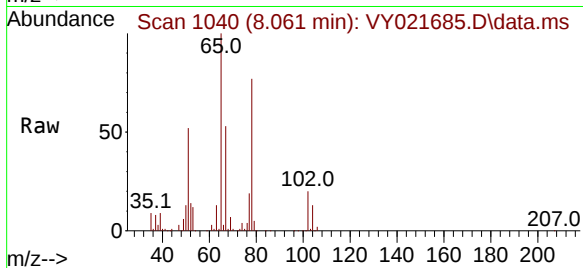
VY0328SBS01

Tgt Ion: 65 Resp: 116773

Ion Ratio Lower Upper

65 100

67 52.7 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: VY021685.D

Acq: 28 Mar 2025 12:24

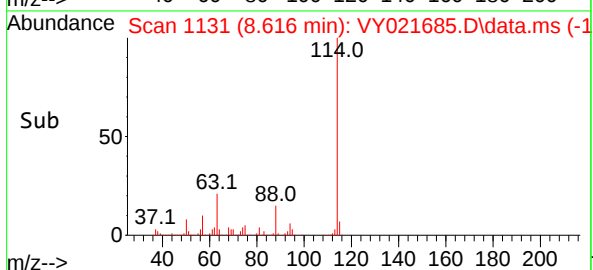
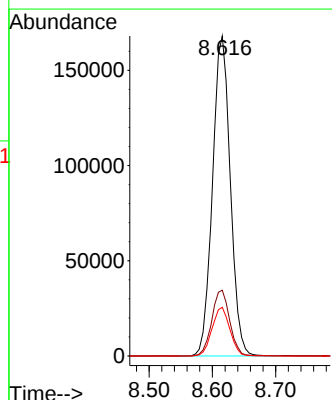
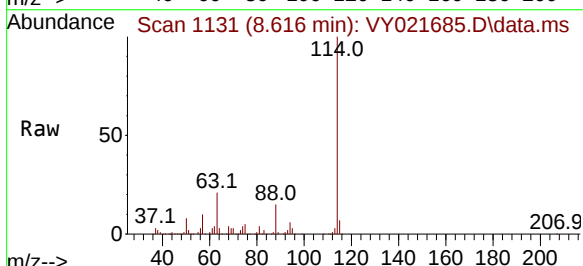
Tgt Ion: 114 Resp: 328404

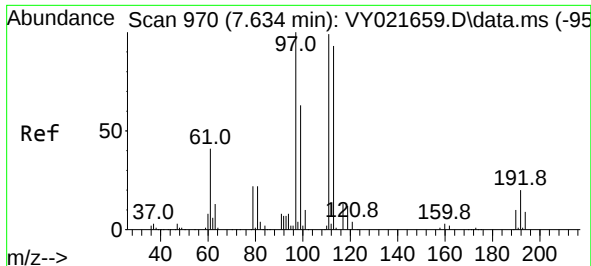
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.2 0.0 29.8

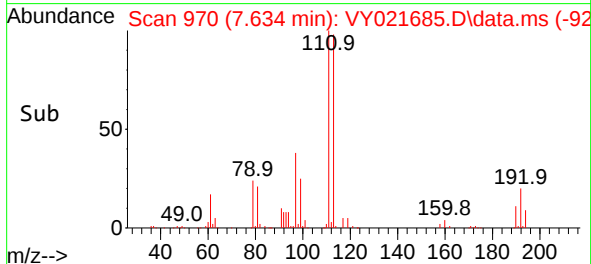
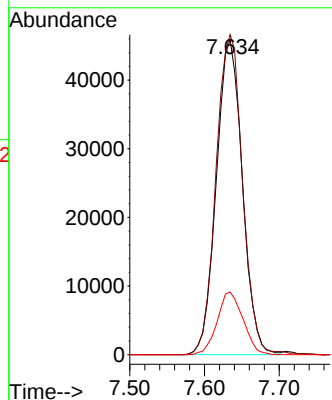
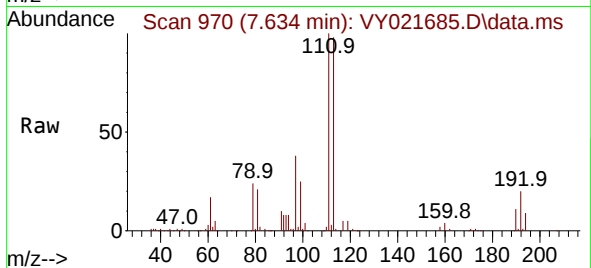




#35
Dibromofluoromethane
Concen: 52.037 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

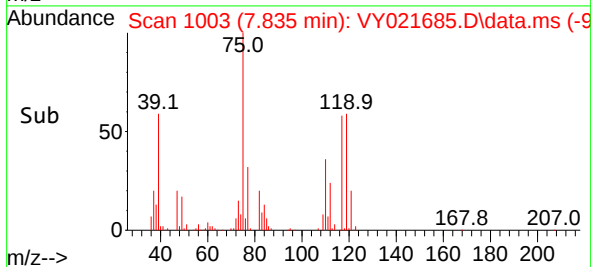
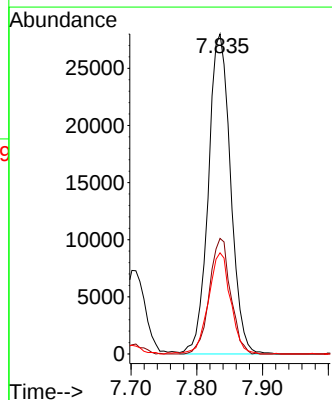
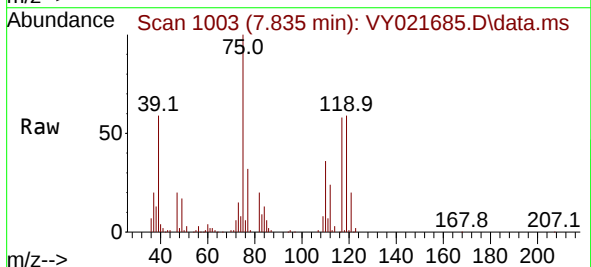
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

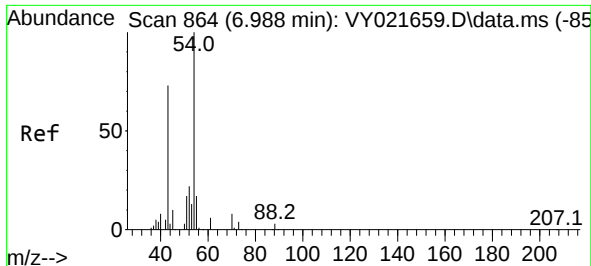
Tgt Ion:113 Resp: 110855
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.291 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 75 Resp: 65839
Ion Ratio Lower Upper
75 100
110 34.5 17.0 50.9
77 31.6 24.8 37.2

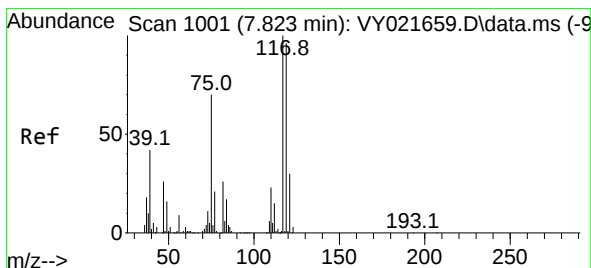
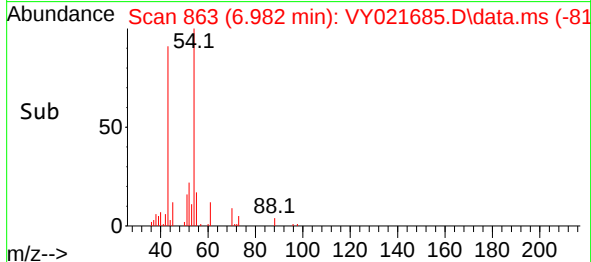
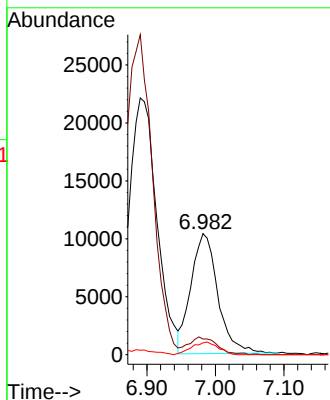
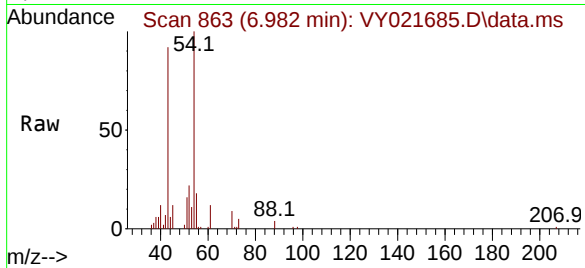




#37
Ethyl Acetate
Concen: 18.489 ug/l
RT: 6.982 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

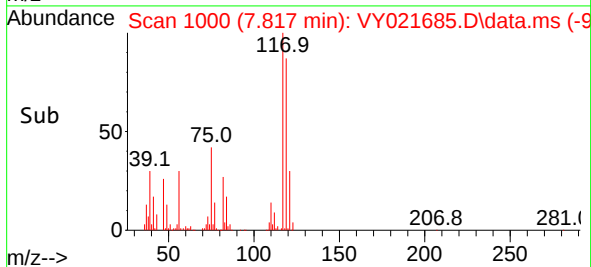
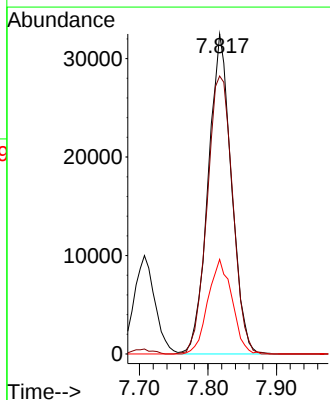
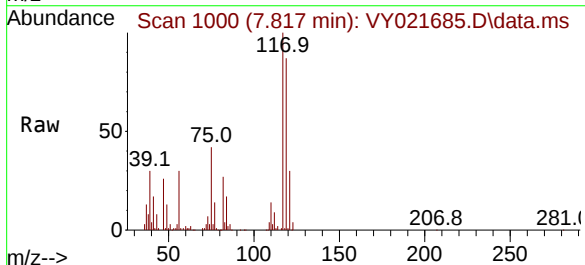
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

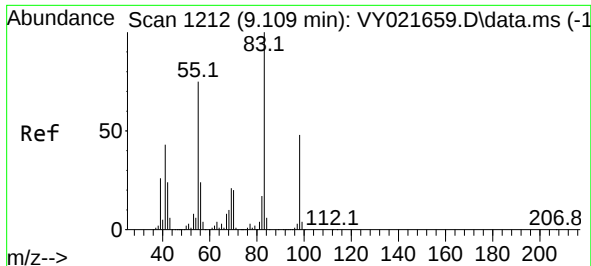
Tgt Ion: 43 Resp: 28313
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.6
70 10.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.628 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 117 Resp: 76662
Ion Ratio Lower Upper
117 100
119 86.9 76.2 114.4
121 29.5 24.2 36.4

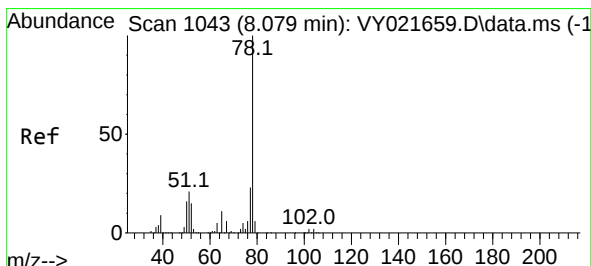
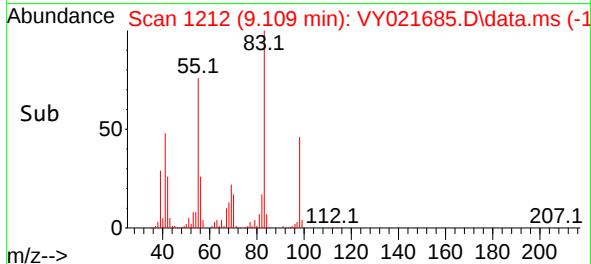
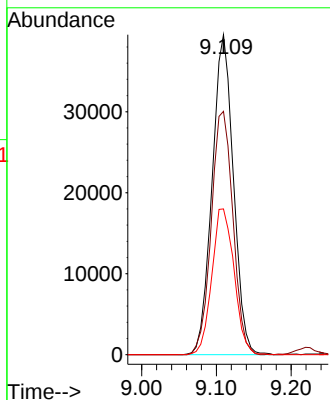
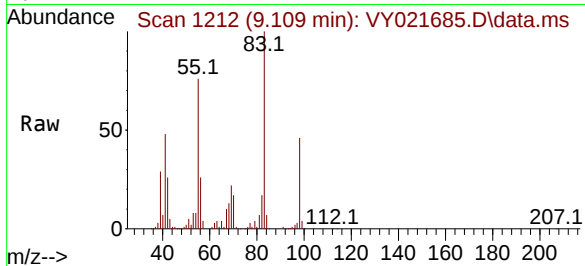




#39
Methylcyclohexane
Concen: 20.217 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

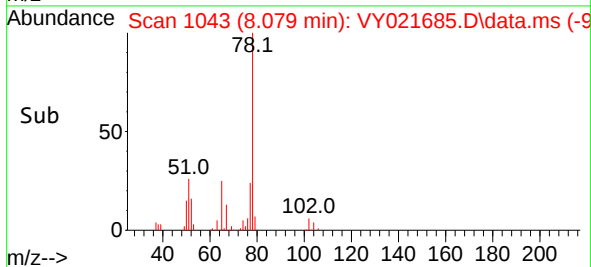
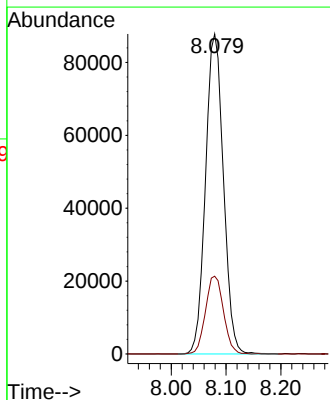
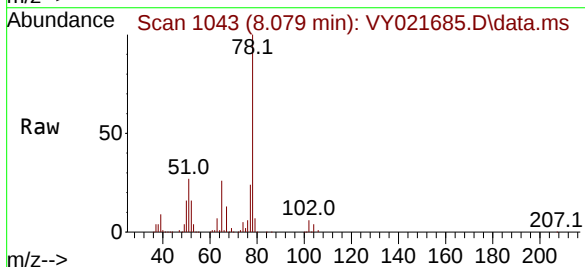
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

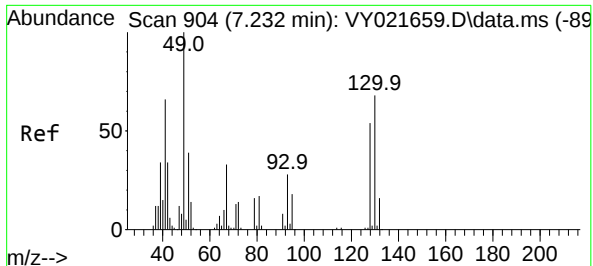
Tgt Ion: 83 Resp: 78364
Ion Ratio Lower Upper
83 100
55 76.1 59.7 89.5
98 45.6 38.3 57.5



#40
Benzene
Concen: 20.411 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 78 Resp: 198341
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2

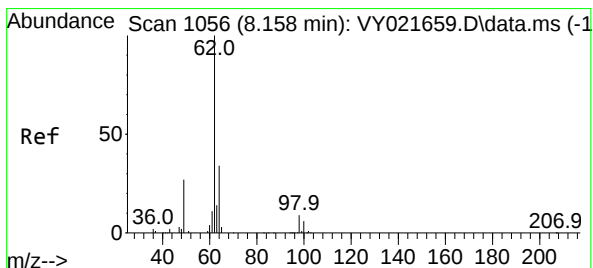
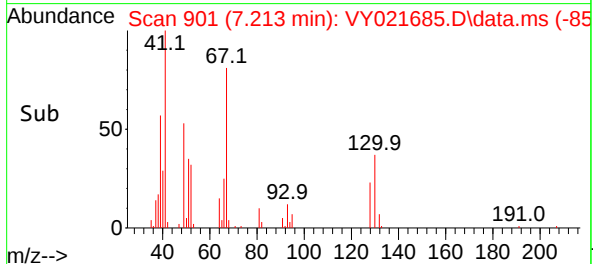
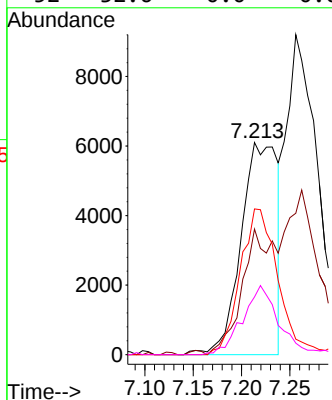
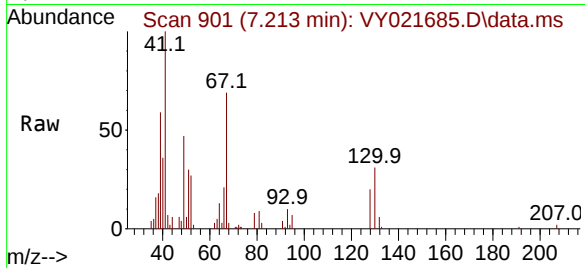




#41
Methacrylonitrile
Concen: 19.652 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

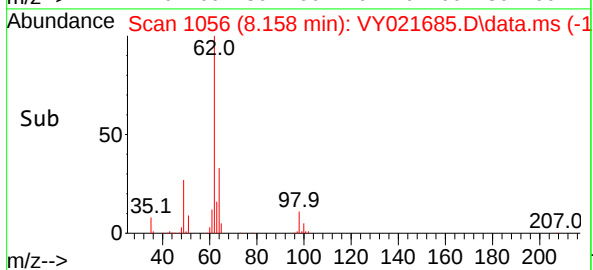
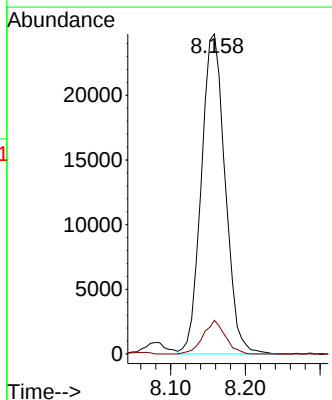
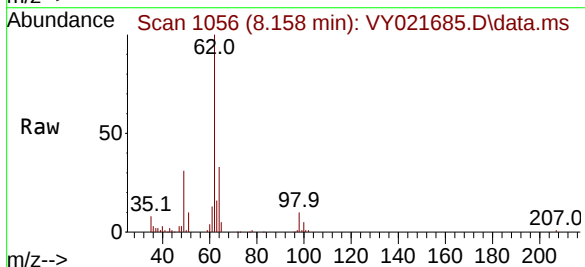
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

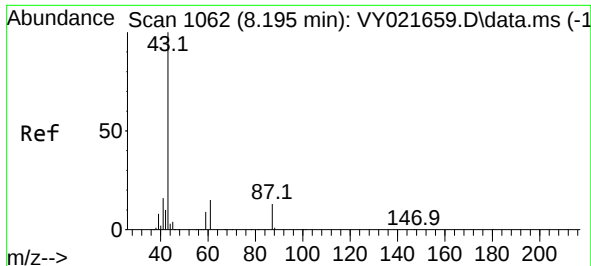
Tgt Ion: 41 Resp: 15982
Ion Ratio Lower Upper
41 100
39 39.5 0.0 0.0#
67 70.9 0.0 0.0#
52 32.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.992 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 62 Resp: 54766
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.4

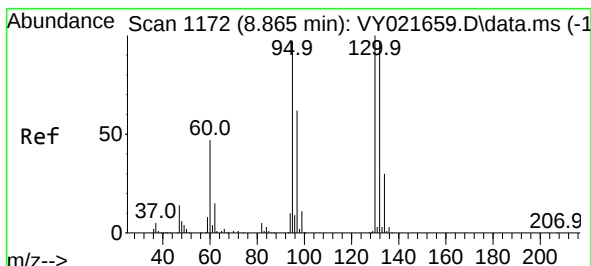
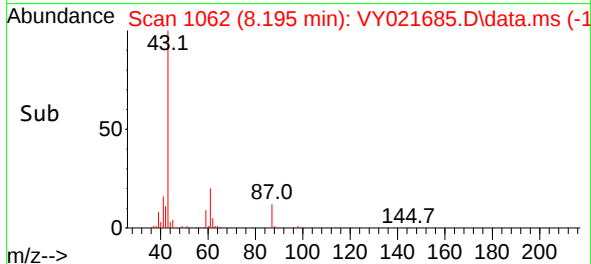
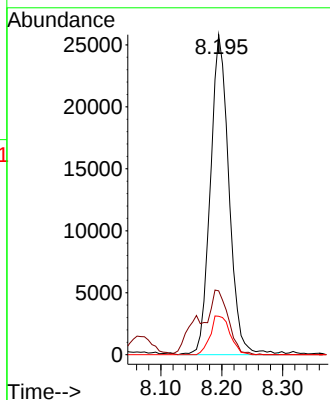
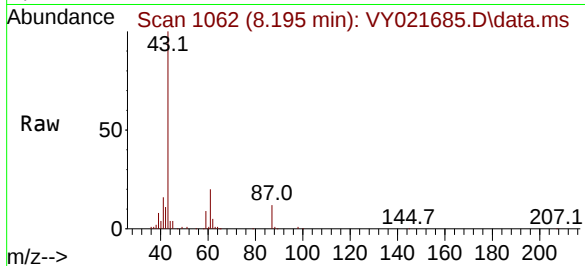




#43
Isopropyl Acetate
Concen: 18.821 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

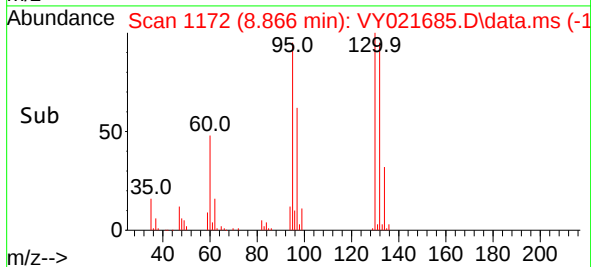
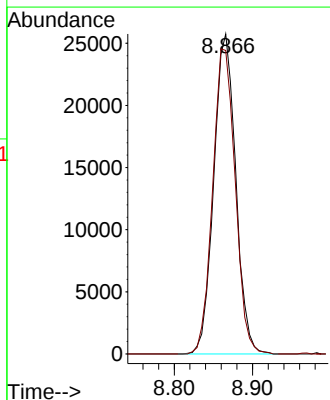
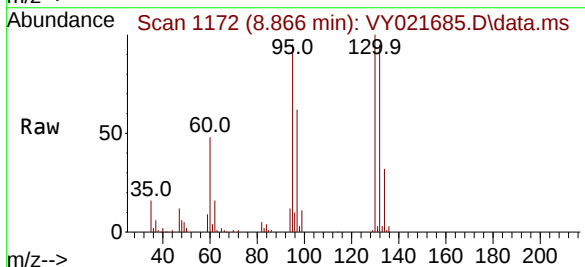
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

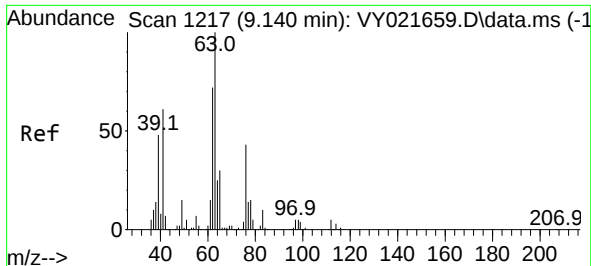
Tgt Ion:	43	Resp:	54618
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.9	23.9
87	12.9	10.4	15.6



#44
Trichloroethene
Concen: 20.249 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion:	130	Resp:	50135
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	194.8





#45

1,2-Dichloropropane

Concen: 20.800 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

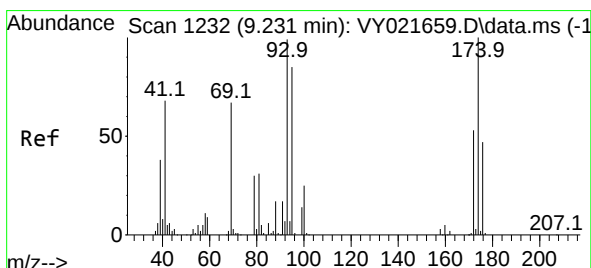
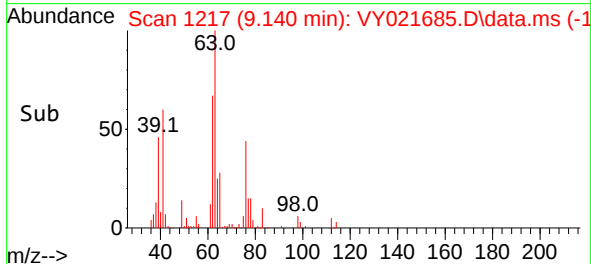
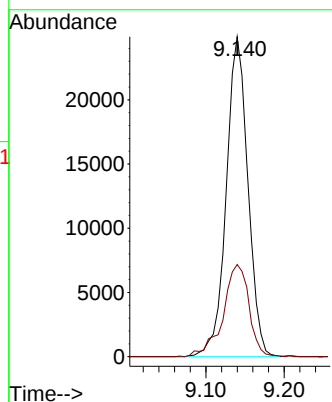
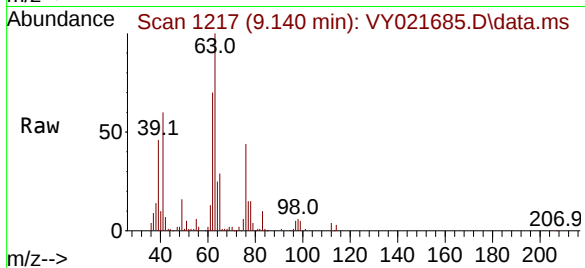
VY0328SBS01

Tgt Ion: 63 Resp: 47844

Ion Ratio Lower Upper

63 100

65 28.6 24.4 36.6



#46

Dibromomethane

Concen: 19.709 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

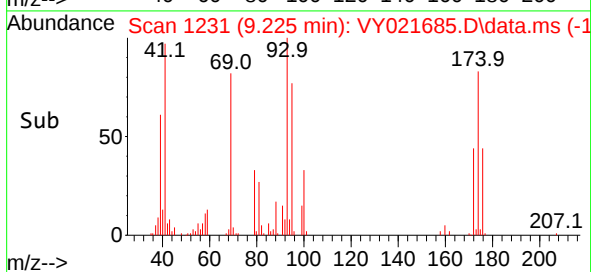
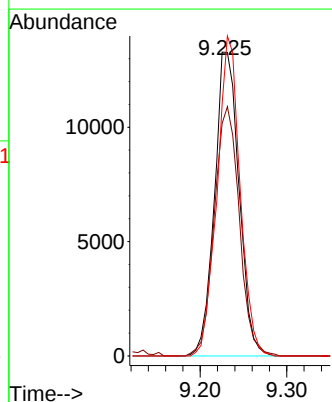
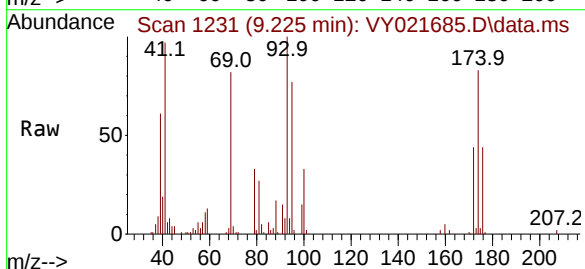
Tgt Ion: 93 Resp: 26127

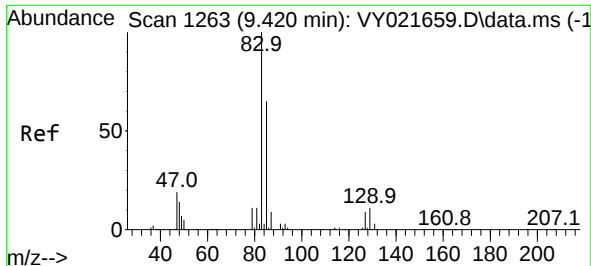
Ion Ratio Lower Upper

93 100

95 83.6 68.1 102.1

174 98.5 80.9 121.3

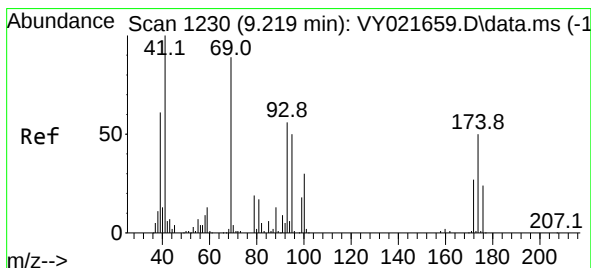
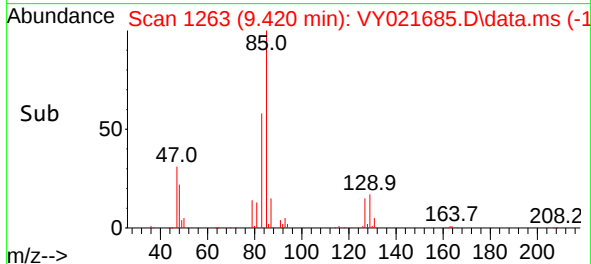
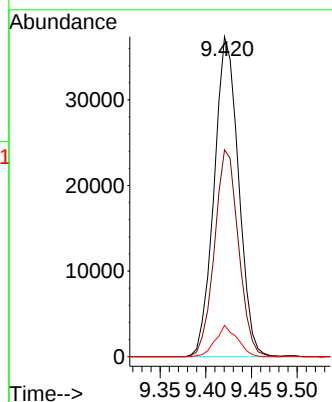
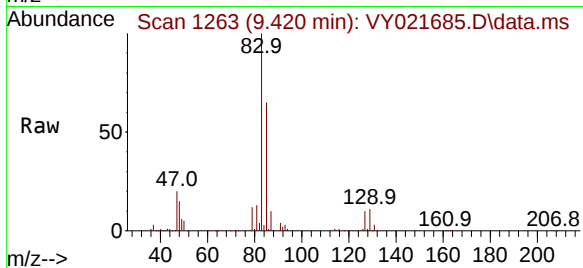




#47
Bromodichloromethane
Concen: 20.190 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

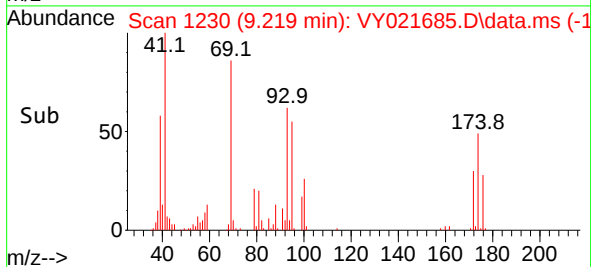
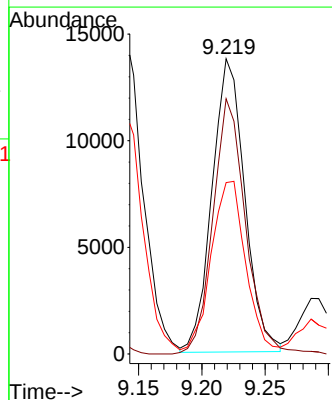
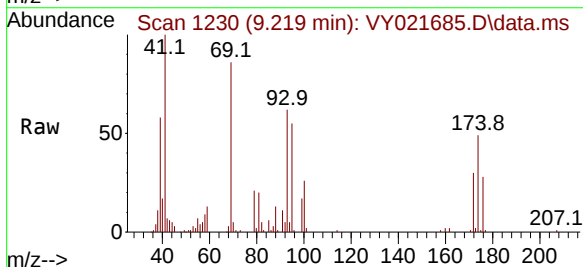
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

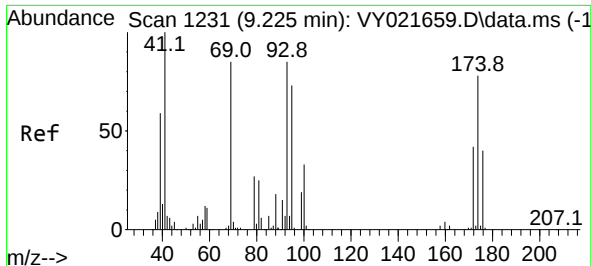
Tgt Ion: 83 Resp: 69350
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6
127 9.8 6.8 10.2



#48
Methyl methacrylate
Concen: 18.567 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 41 Resp: 24730
Ion Ratio Lower Upper
41 100
69 86.7 69.8 104.8
39 59.7 47.2 70.8

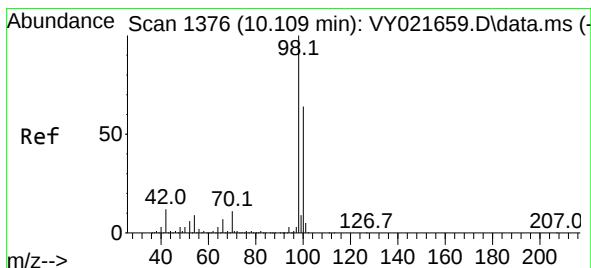
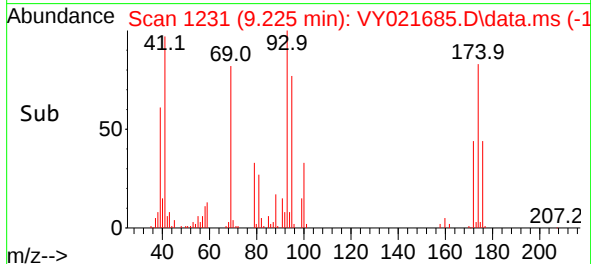
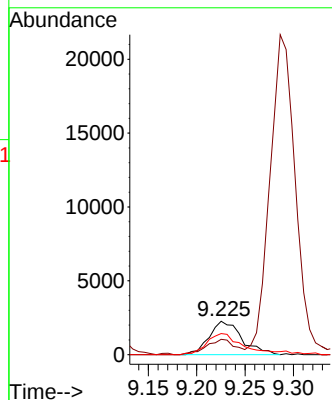
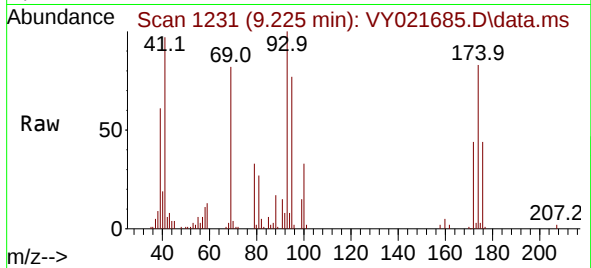




#49
1,4-Dioxane
Concen: 373.286 ug/l
RT: 9.225 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

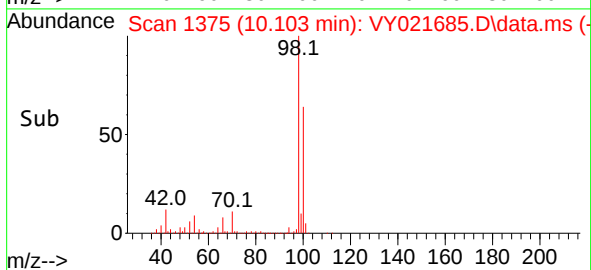
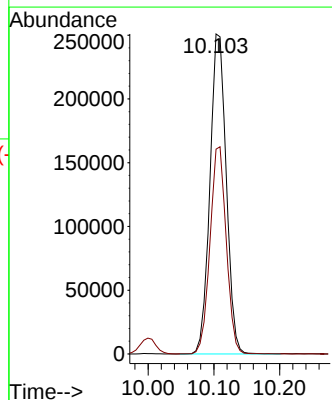
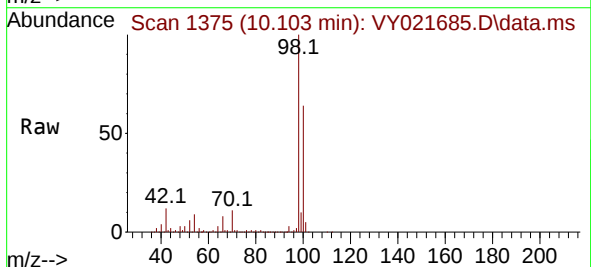
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

Tgt Ion: 88 Resp: 5301
Ion Ratio Lower Upper
88 100
43 40.9 28.8 43.2
58 74.3 59.4 89.2



#50
Toluene-d8
Concen: 53.468 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 98 Resp: 433321
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 93.408 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

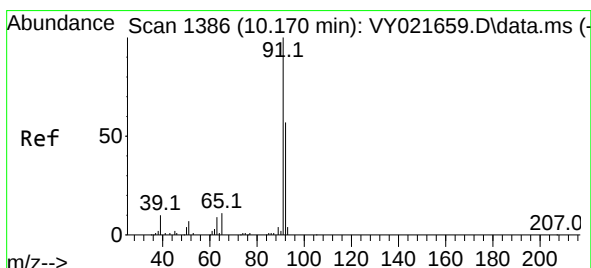
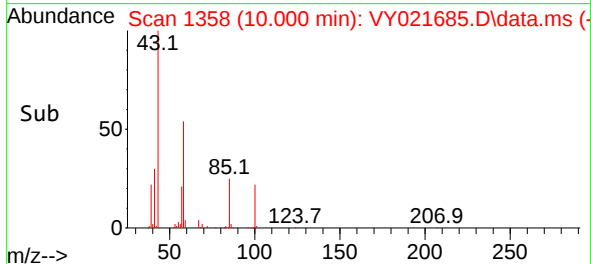
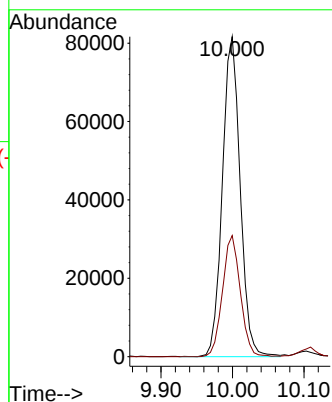
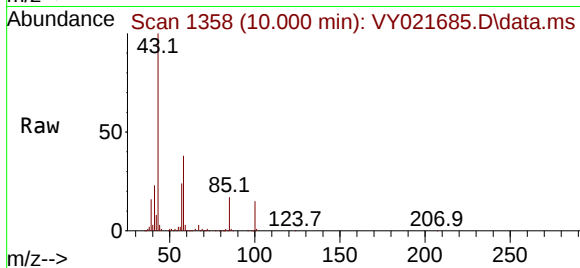
VY0328SBS01

Tgt Ion: 43 Resp: 141065

Ion Ratio Lower Upper

43 100

58 38.1 31.5 47.3



#52

Toluene

Concen: 20.528 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021685.D

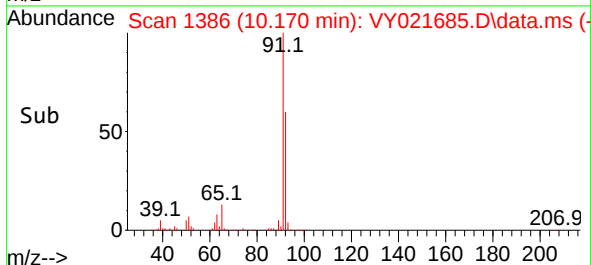
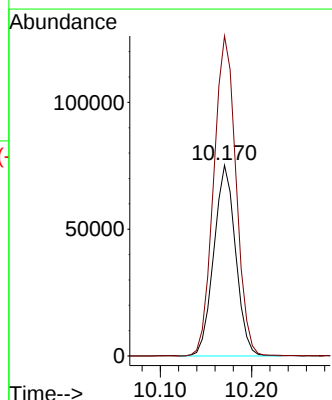
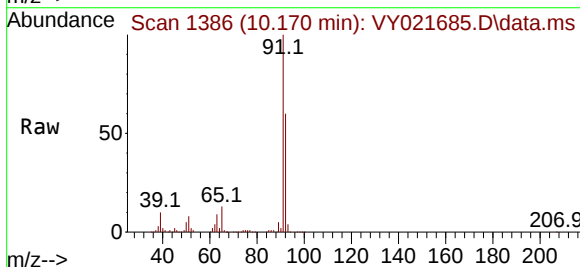
Acq: 28 Mar 2025 12:24

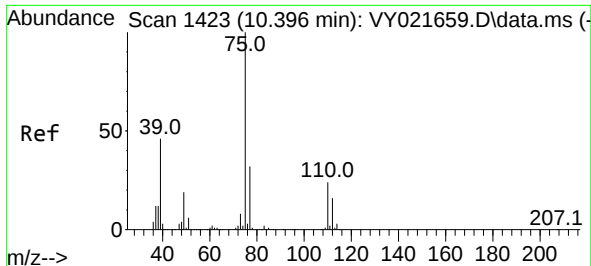
Tgt Ion: 92 Resp: 124458

Ion Ratio Lower Upper

92 100

91 172.6 138.6 207.8

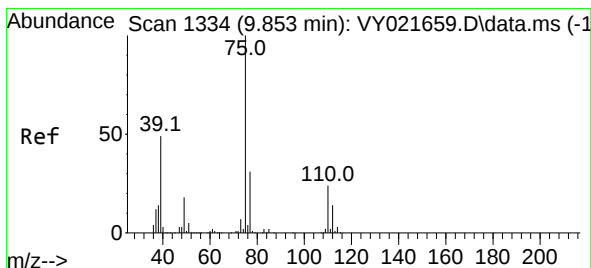
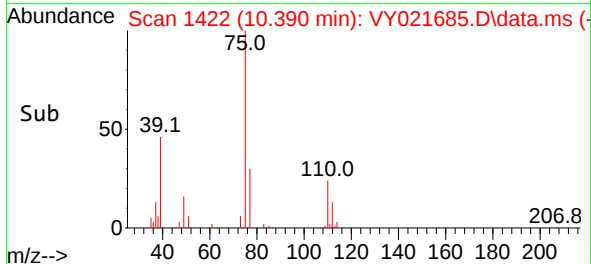
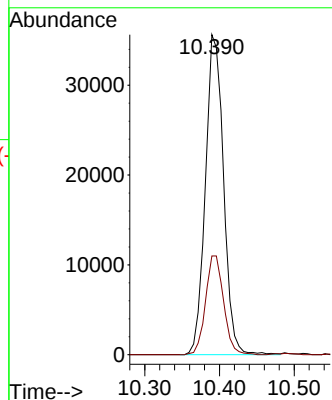
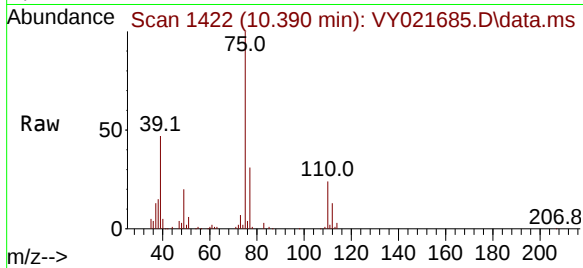




#53
 t-1,3-Dichloropropene
 Concen: 19.719 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

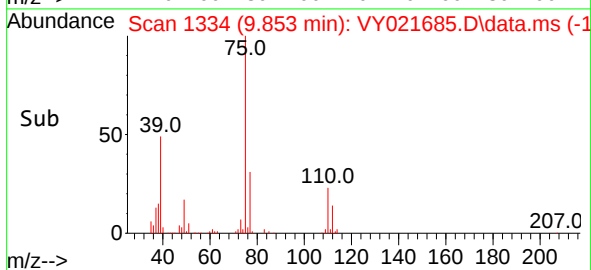
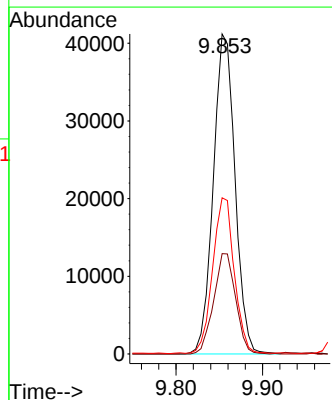
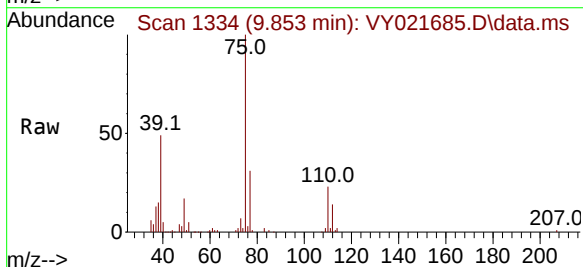
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

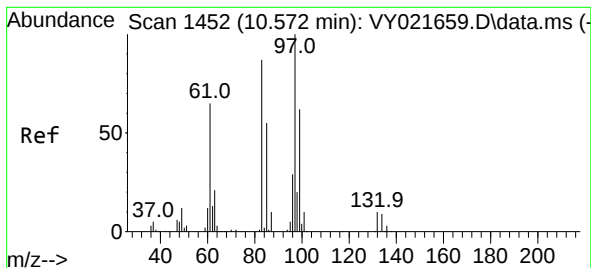
Tgt Ion: 75 Resp: 60164
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.960 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

Tgt Ion: 75 Resp: 71842
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.9 37.3
 39 48.4 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 19.418 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

Tgt Ion: 97 Resp: 33126

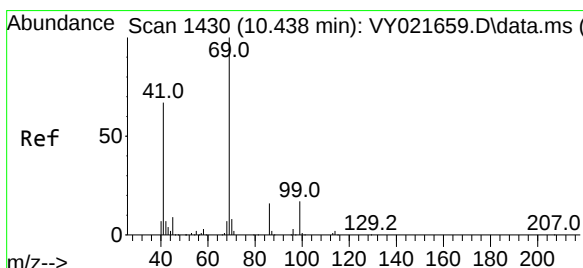
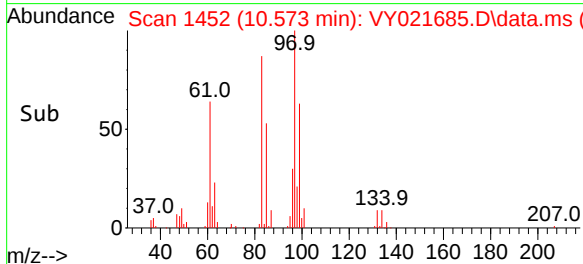
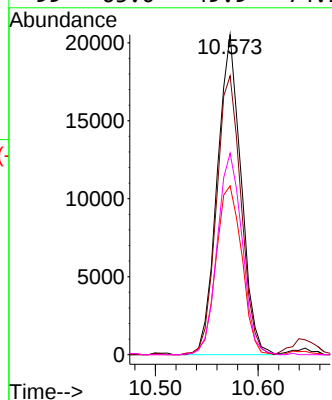
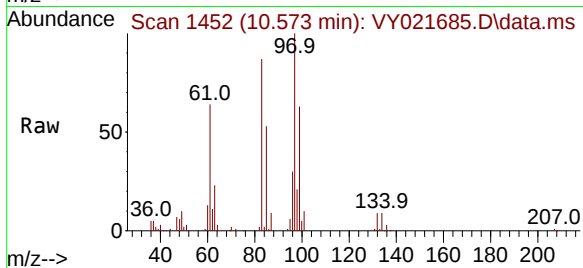
Ion Ratio Lower Upper

97 100

83 87.1 69.5 104.3

85 52.8 43.9 65.9

99 63.0 49.9 74.9



#56

Ethyl methacrylate

Concen: 18.310 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

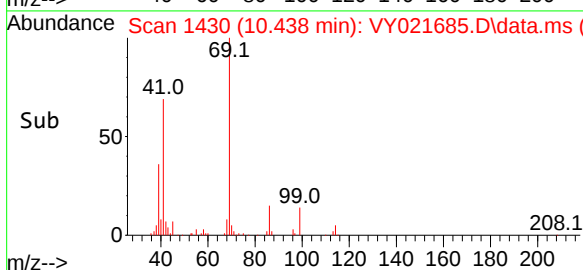
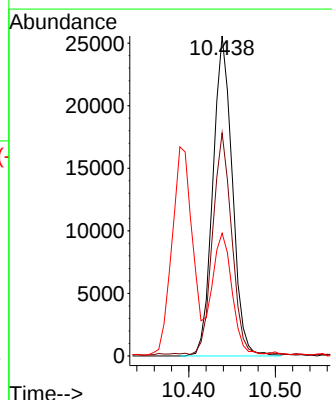
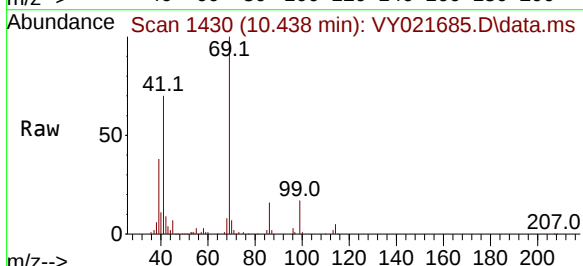
Tgt Ion: 69 Resp: 39885

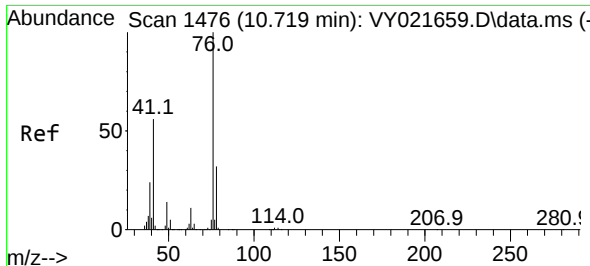
Ion Ratio Lower Upper

69 100

41 67.5 53.8 80.6

39 38.7 29.6 44.4





#57

1,3-Dichloropropane

Concen: 19.300 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

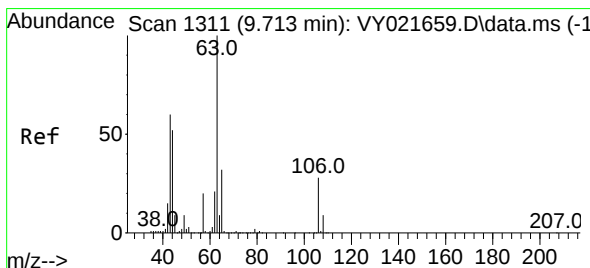
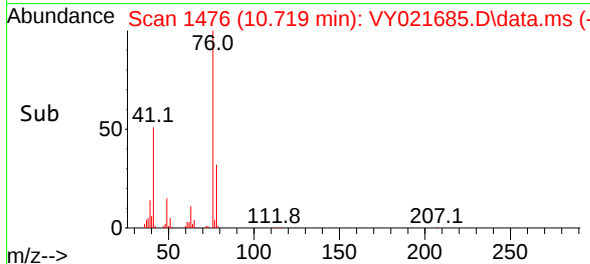
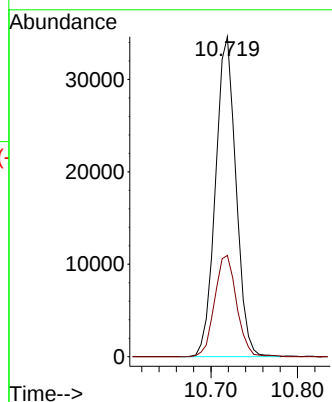
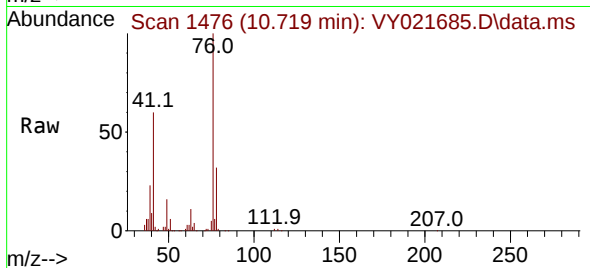
VY0328SBSD01

Tgt Ion: 76 Resp: 56862

Ion Ratio Lower Upper

76 100

78 34.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.096 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021685.D

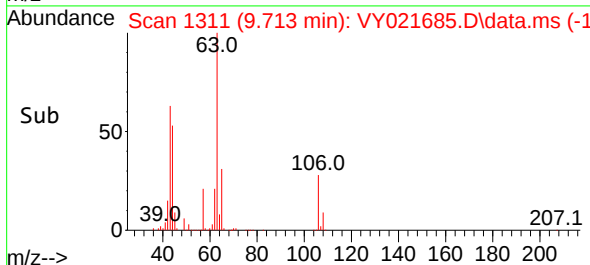
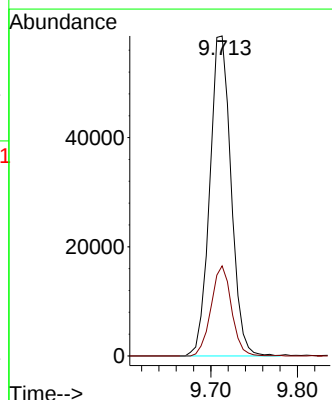
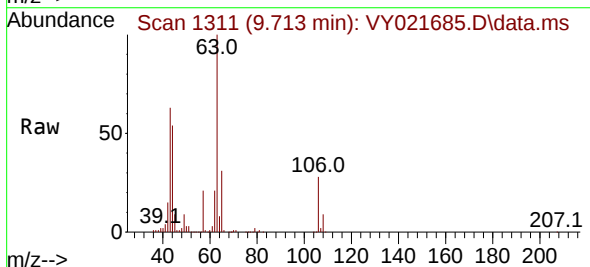
Acq: 28 Mar 2025 12:24

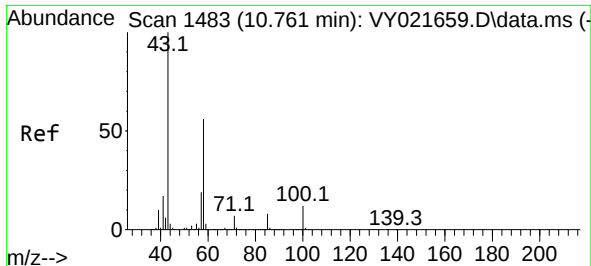
Tgt Ion: 63 Resp: 99990

Ion Ratio Lower Upper

63 100

106 27.1 22.4 33.6

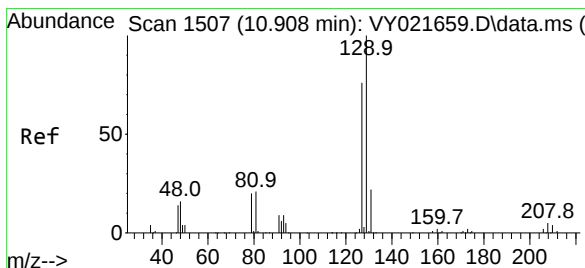
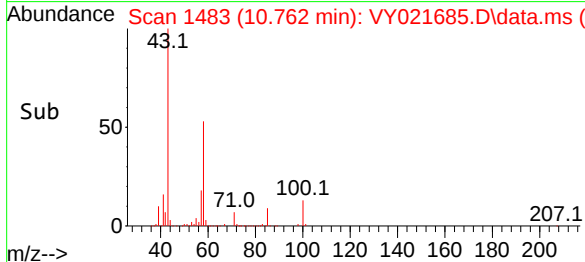
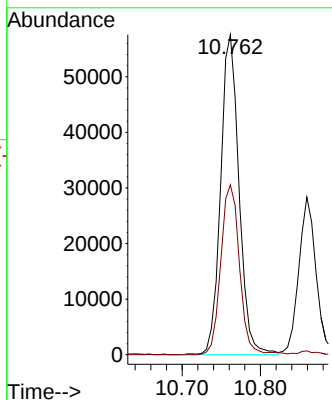
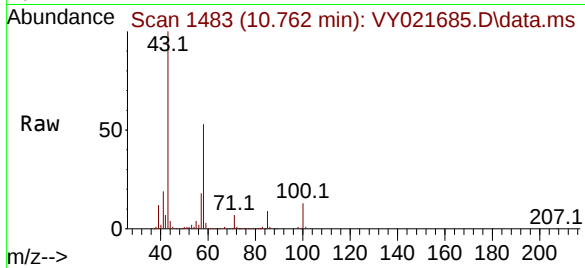




#59
2-Hexanone
Concen: 93.404 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

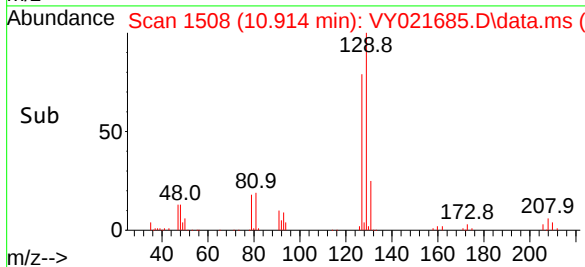
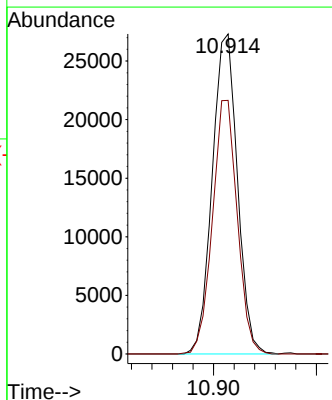
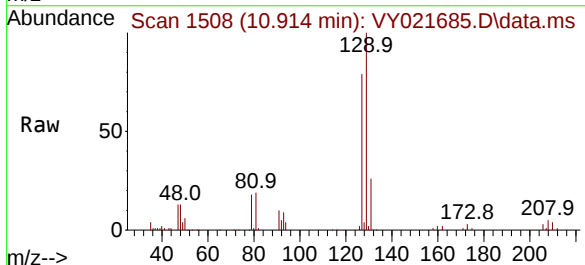
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

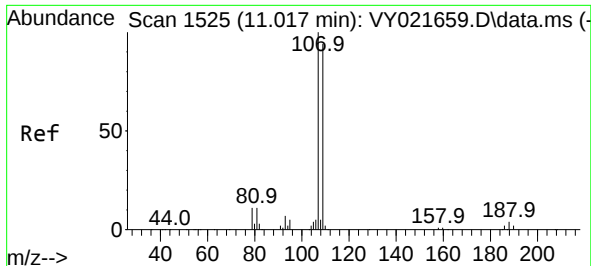
Tgt Ion: 43 Resp: 93943
Ion Ratio Lower Upper
43 100
58 54.0 27.2 81.5



#60
Dibromochloromethane
Concen: 19.929 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 129 Resp: 46418
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

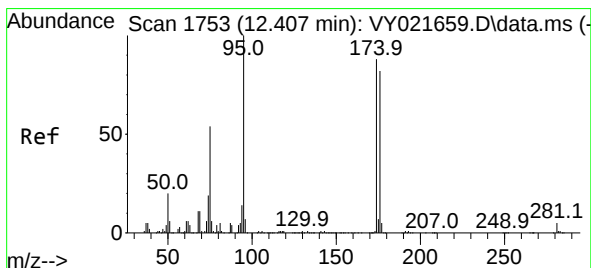
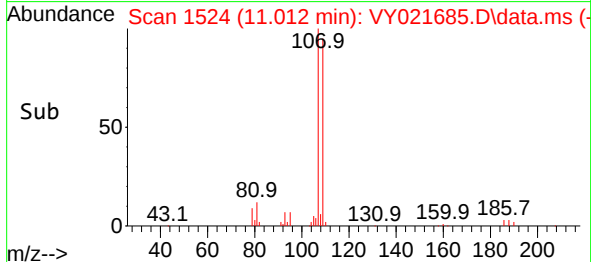
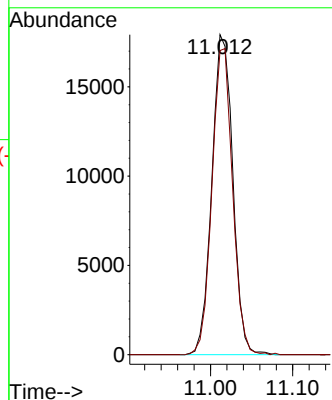
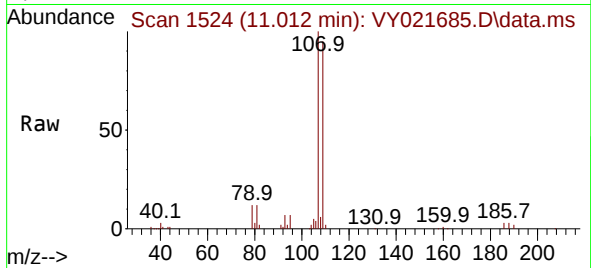




#61
1,2-Dibromoethane
Concen: 19.786 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

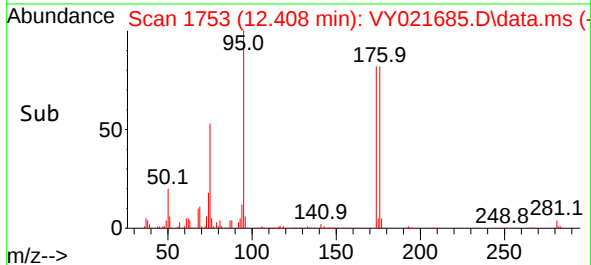
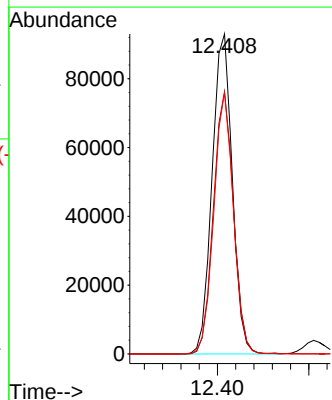
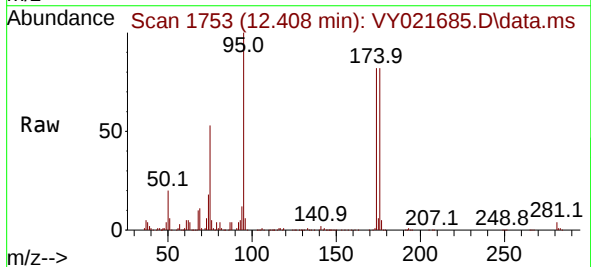
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

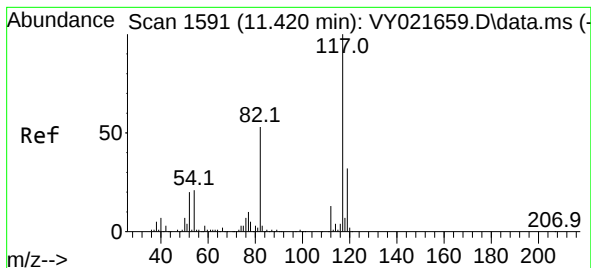
Tgt Ion:107 Resp: 31664
Ion Ratio Lower Upper
107 100
109 94.5 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 51.955 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 95 Resp: 142421
Ion Ratio Lower Upper
95 100
174 81.6 0.0 170.8
176 79.6 0.0 162.0

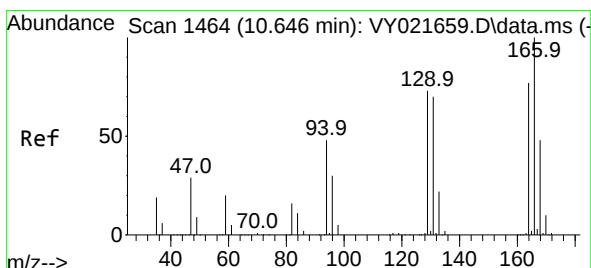
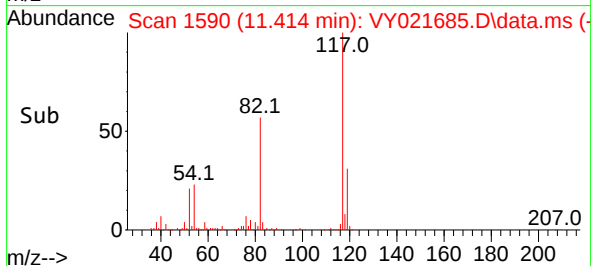
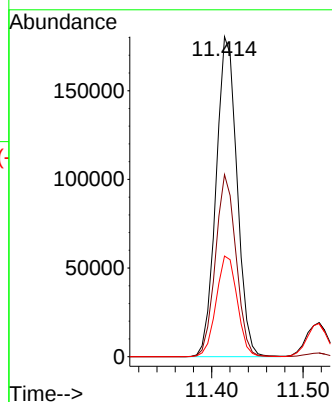
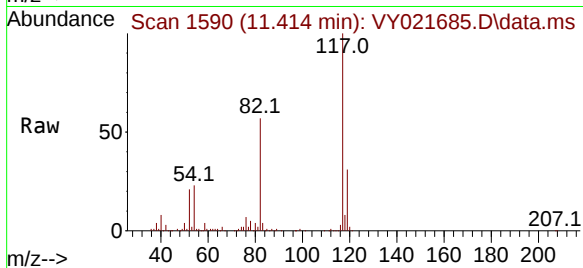




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

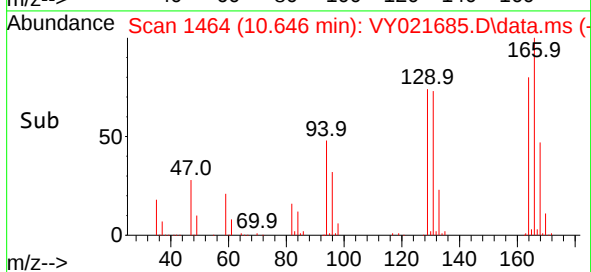
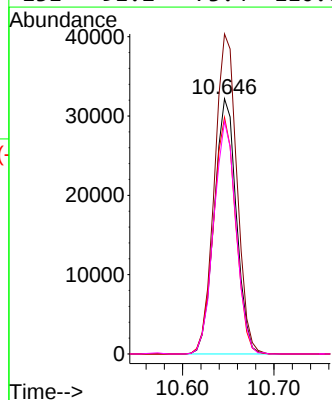
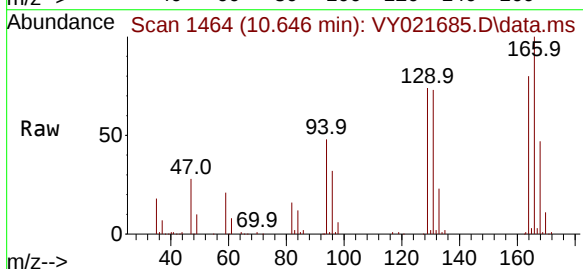
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

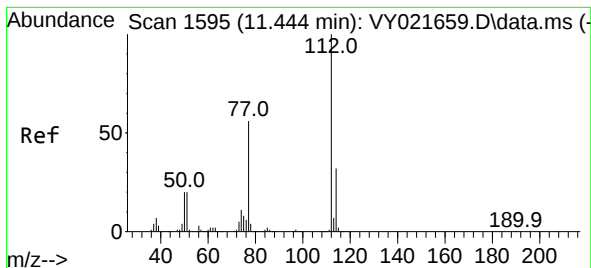
Tgt Ion:117 Resp: 287498
Ion Ratio Lower Upper
117 100
82 56.9 42.8 64.2
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 20.643 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion:164 Resp: 54052
Ion Ratio Lower Upper
164 100
166 125.4 104.6 156.8
129 92.7 76.6 114.8
131 91.2 73.4 110.0





#65

Chlorobenzene

Concen: 20.124 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

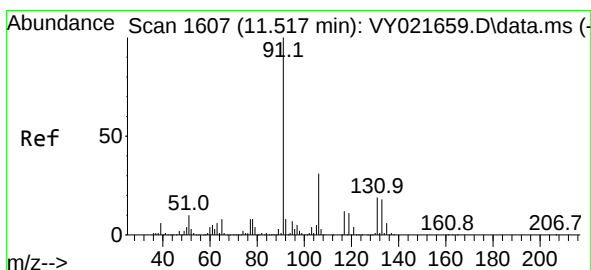
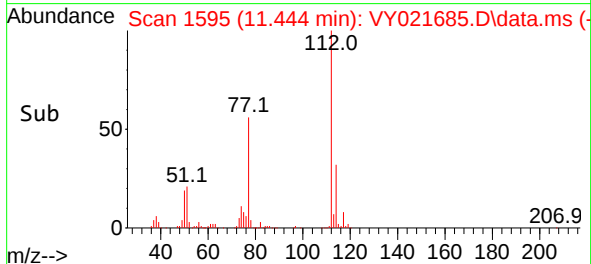
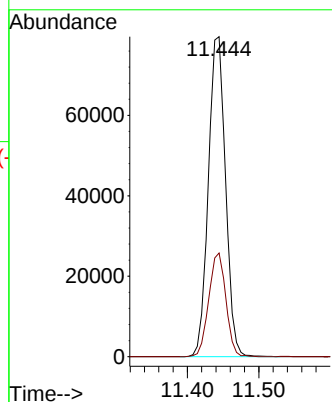
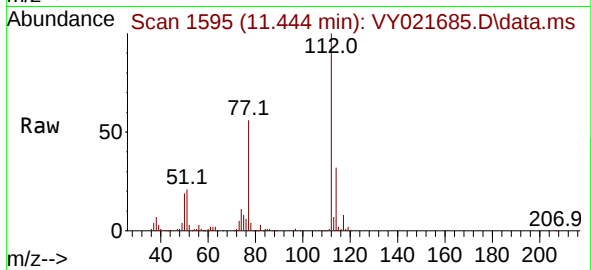
VY0328SBS01

Tgt Ion:112 Resp: 132626

Ion Ratio Lower Upper

112 100

114 32.4 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.607 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

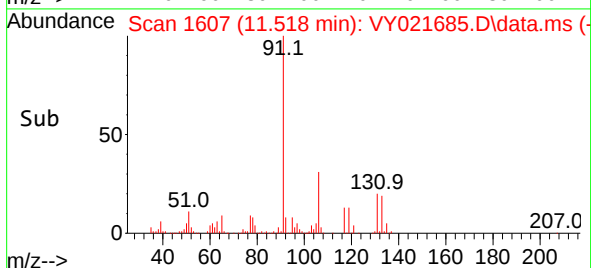
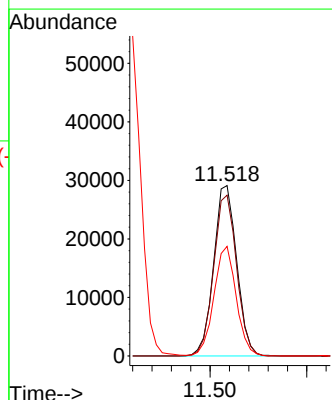
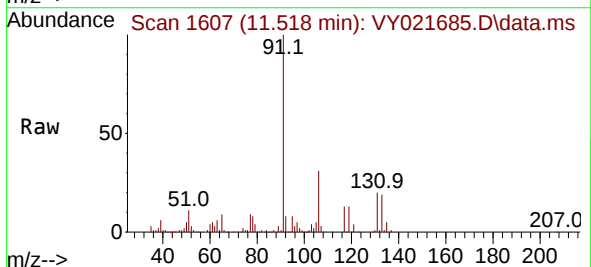
Tgt Ion:131 Resp: 48186

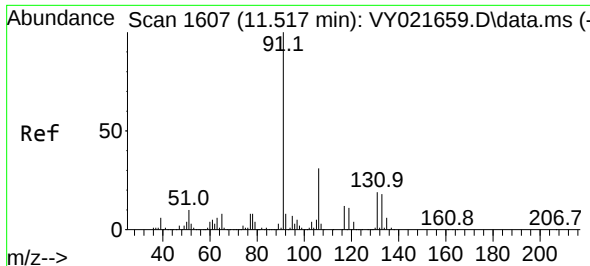
Ion Ratio Lower Upper

131 100

133 94.4 47.3 141.8

119 62.3 31.6 95.0

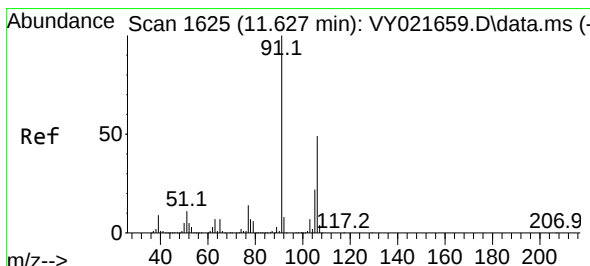
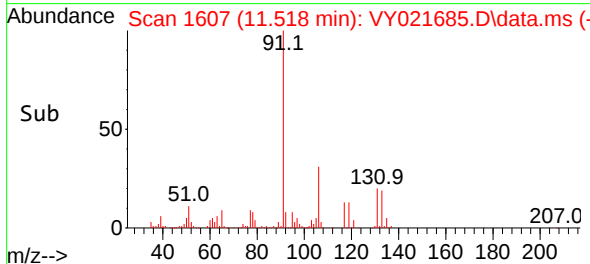
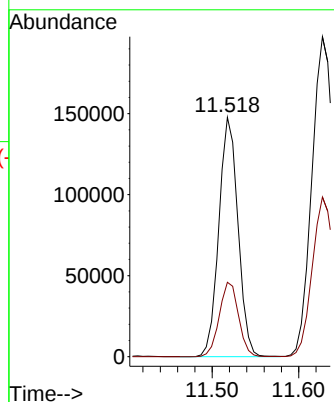
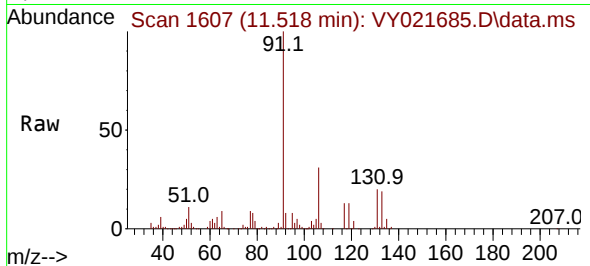




#67
Ethyl Benzene
Concen: 20.062 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

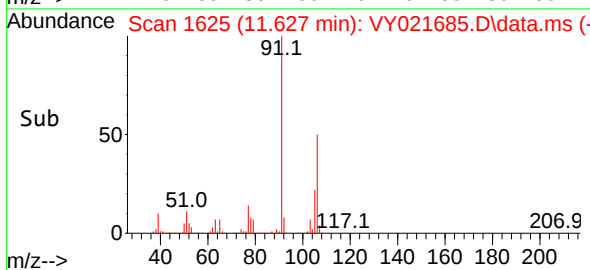
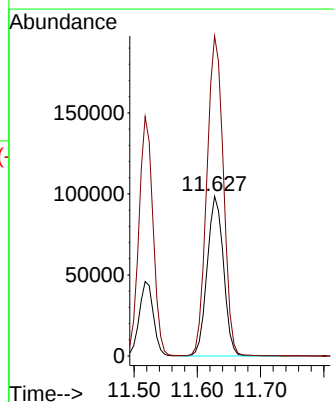
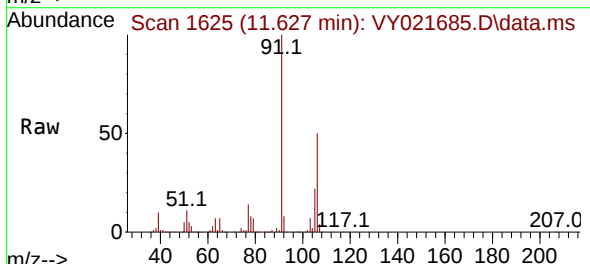
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

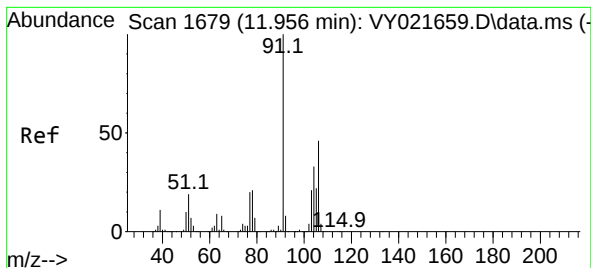
Tgt Ion: 91 Resp: 226725
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 40.897 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 106 Resp: 176980
Ion Ratio Lower Upper
106 100
91 202.1 162.4 243.6

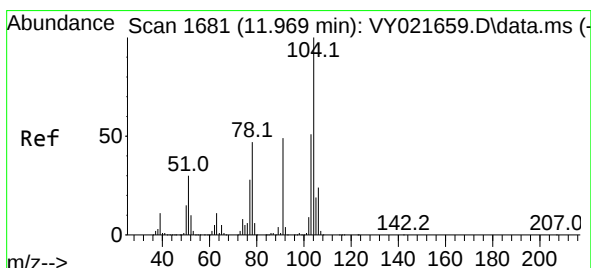
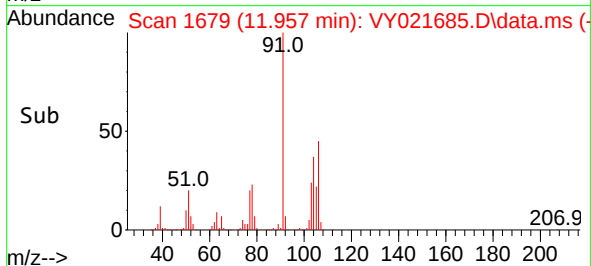
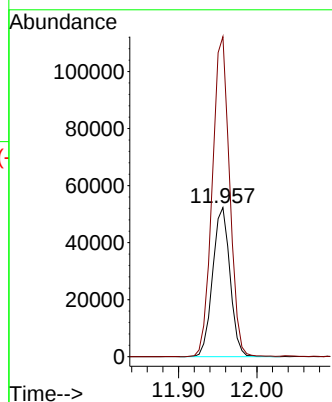
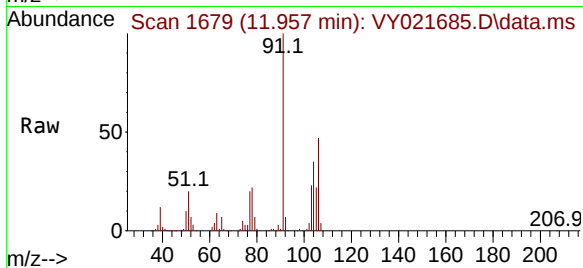




#69
o-Xylene
Concen: 20.125 ug/l
RT: 11.957 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

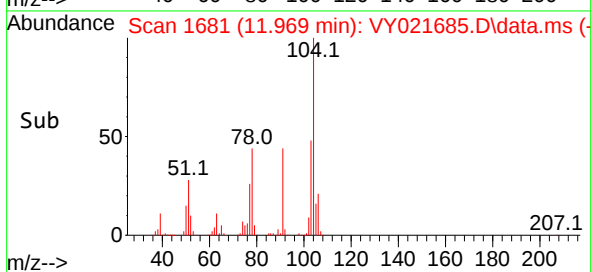
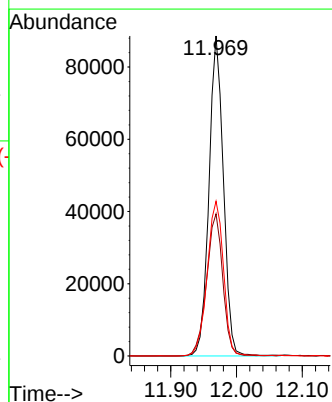
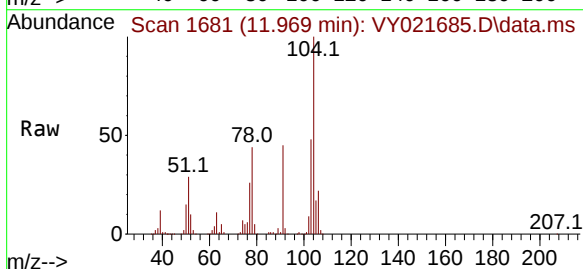
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

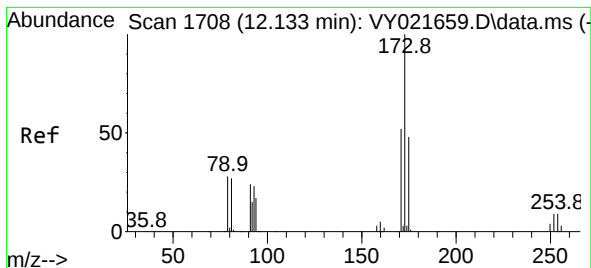
Tgt Ion:106 Resp: 80393
Ion Ratio Lower Upper
106 100
91 214.6 106.7 319.9



#70
Styrene
Concen: 20.352 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion:104 Resp: 135552
Ion Ratio Lower Upper
104 100
78 49.9 40.8 61.2
103 54.8 44.2 66.2





#71

Bromoform

Concen: 19.352 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

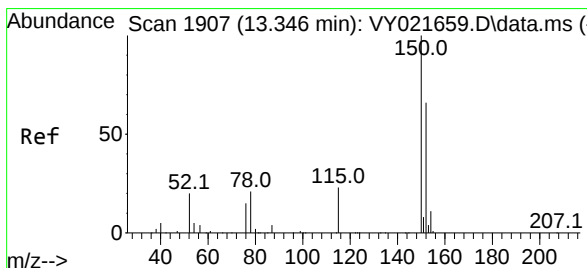
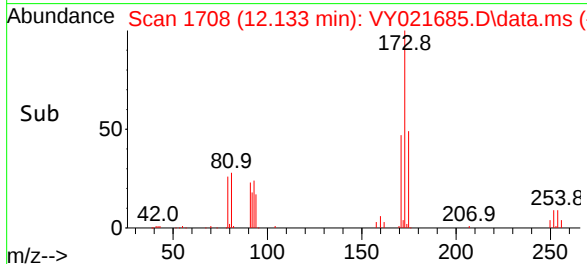
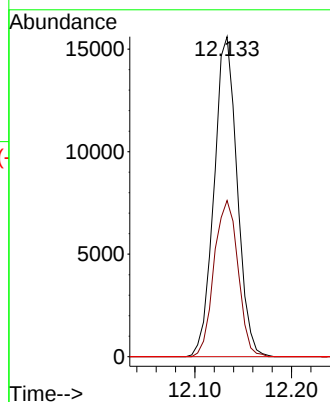
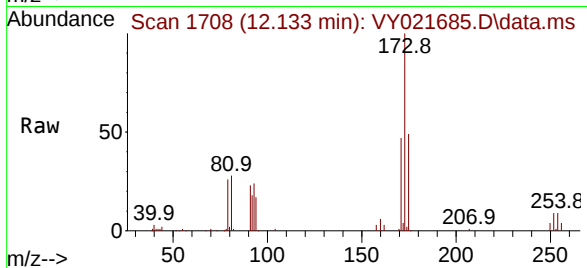
Tgt Ion:173 Resp: 25811

Ion Ratio Lower Upper

173 100

175 50.7 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

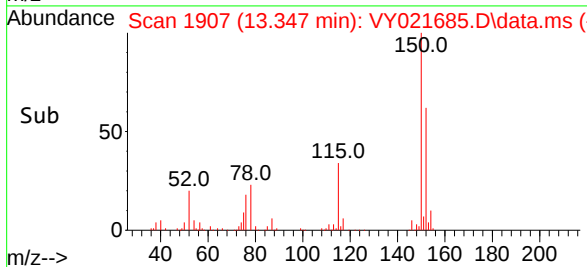
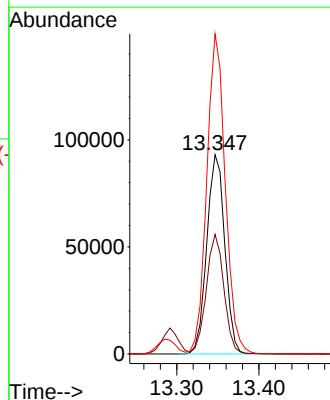
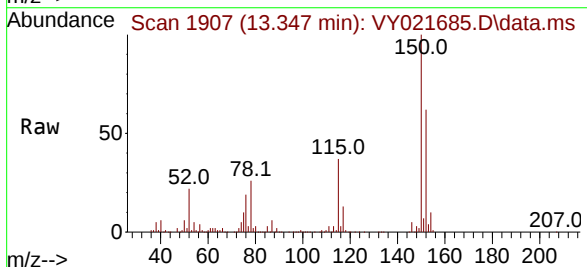
Tgt Ion:152 Resp: 141596

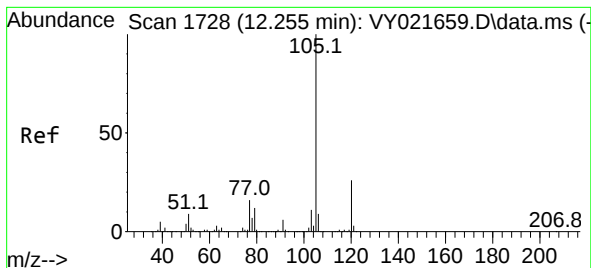
Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 165.0 0.0 348.4





#73

Isopropylbenzene

Concen: 20.180 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

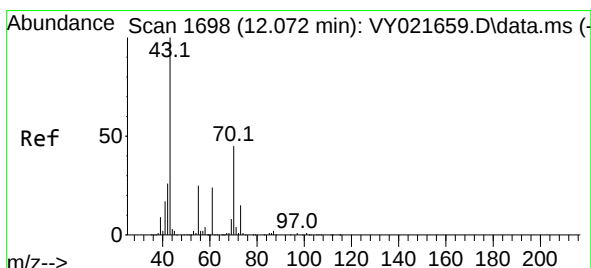
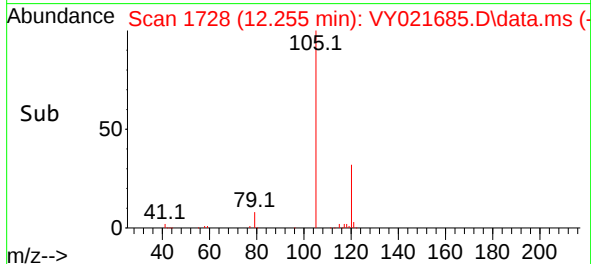
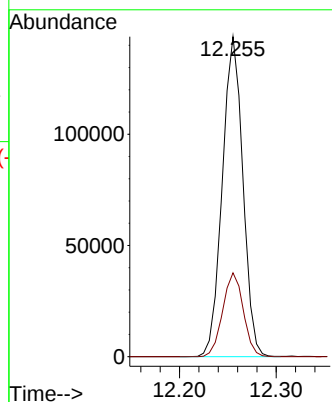
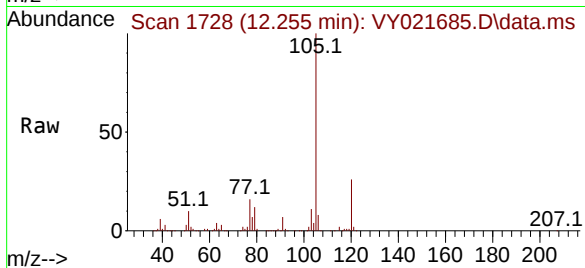
VY0328SBS01

Tgt Ion:105 Resp: 212230

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 18.263 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Tgt Ion: 43 Resp: 45076

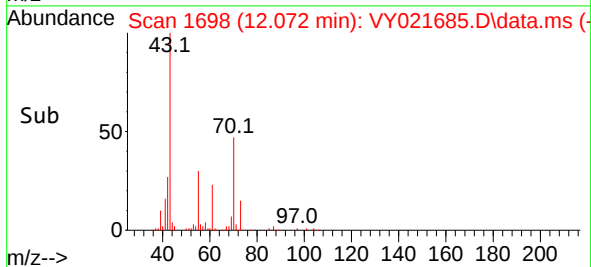
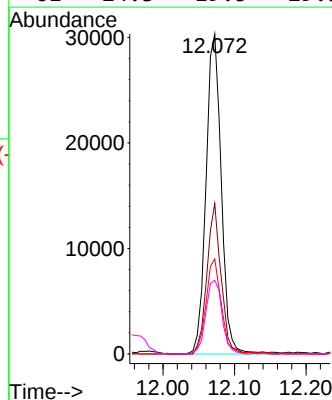
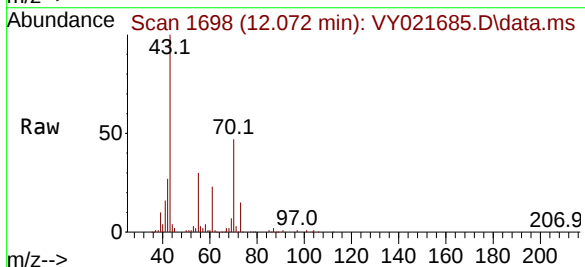
Ion Ratio Lower Upper

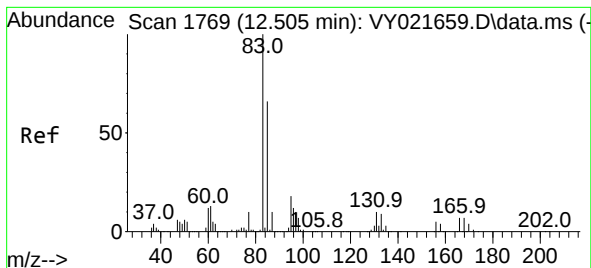
43 100

70 43.7 34.7 52.1

55 29.9 21.2 31.8

61 24.3 19.5 29.3

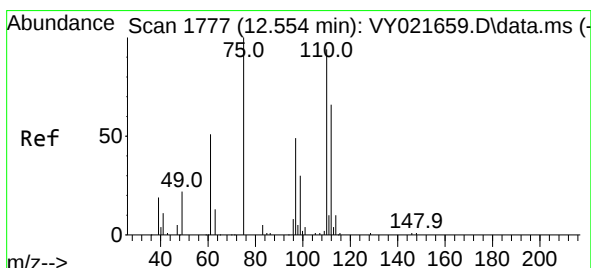
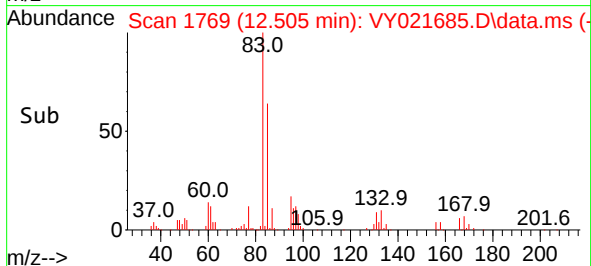
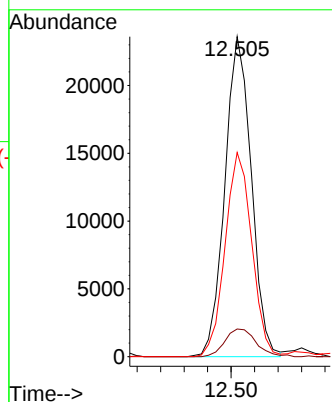
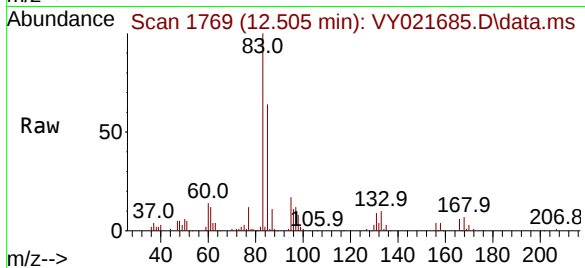




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.532 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

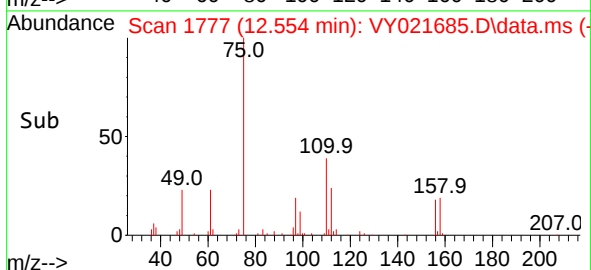
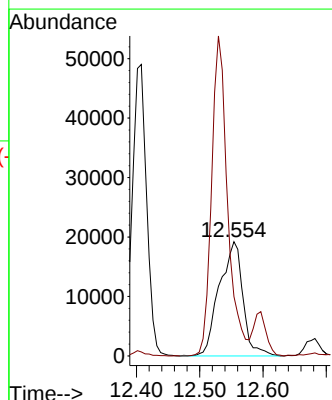
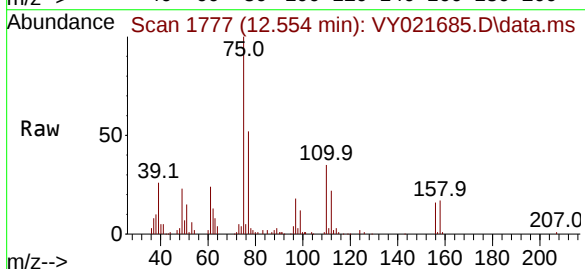
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBSD01

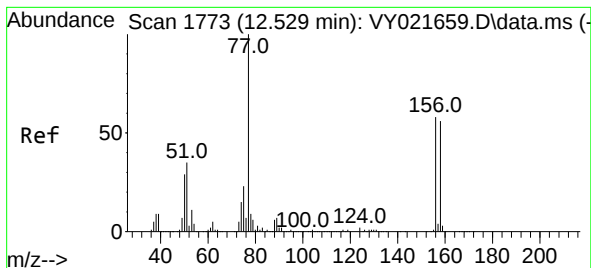
Tgt Ion: 83 Resp: 36931
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 35.531 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

Tgt Ion: 75 Resp: 49871
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.971 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

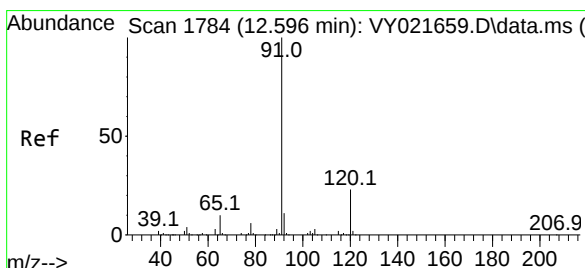
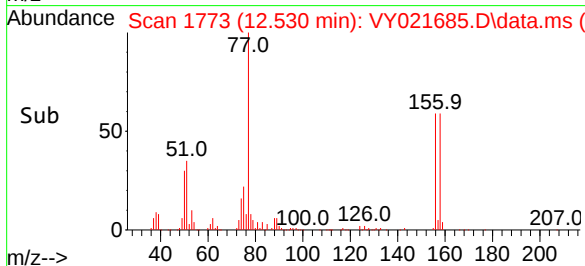
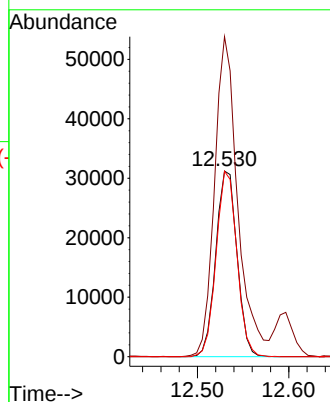
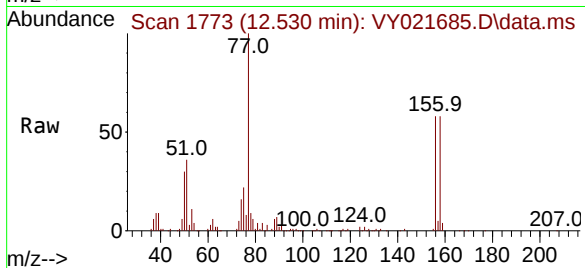
Tgt Ion:156 Resp: 50428

Ion Ratio Lower Upper

156 100

77 188.5 92.8 278.3

158 97.8 48.5 145.6



#78

n-propylbenzene

Concen: 20.964 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021685.D

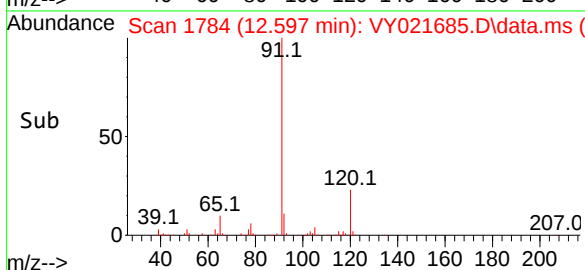
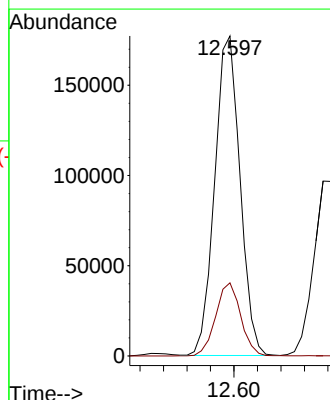
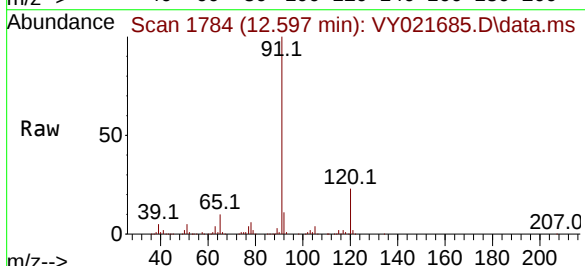
Acq: 28 Mar 2025 12:24

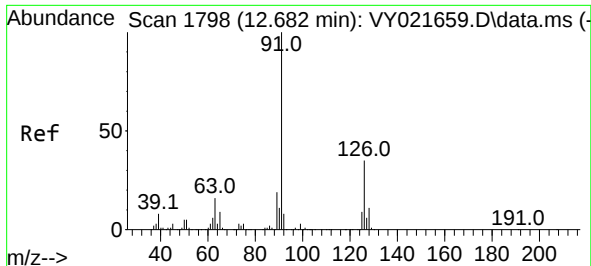
Tgt Ion: 91 Resp: 265059

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 20.789 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

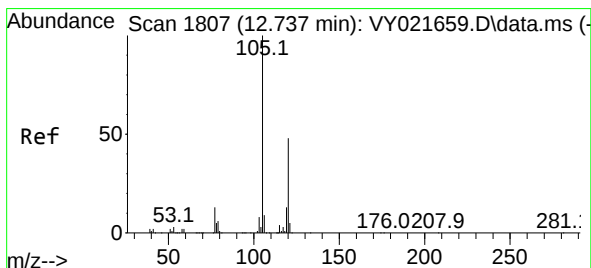
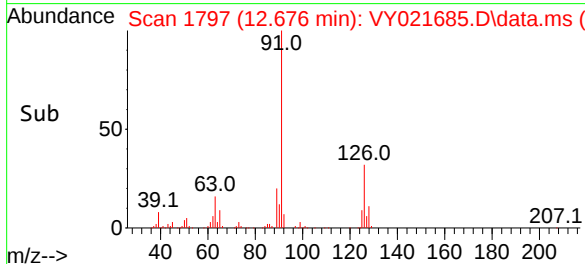
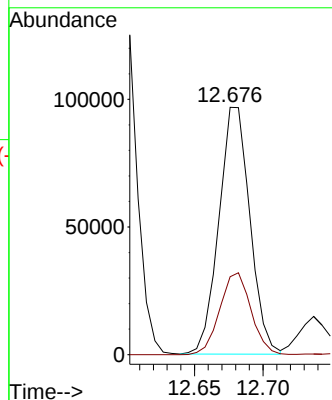
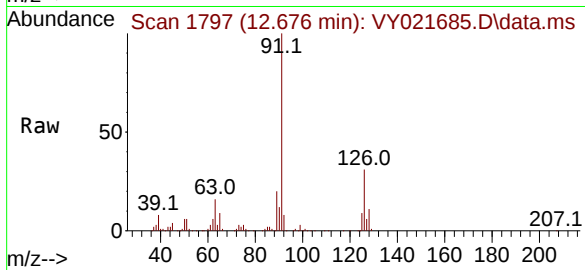
VY0328SBS01

Tgt Ion: 91 Resp: 152672

Ion Ratio Lower Upper

91 100

126 33.3 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 20.848 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021685.D

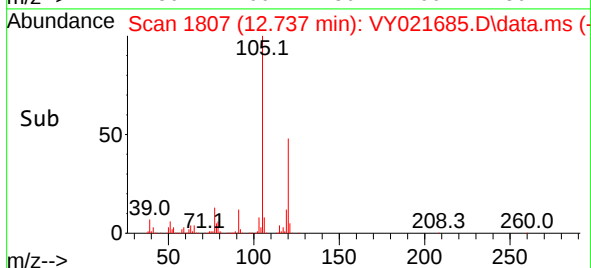
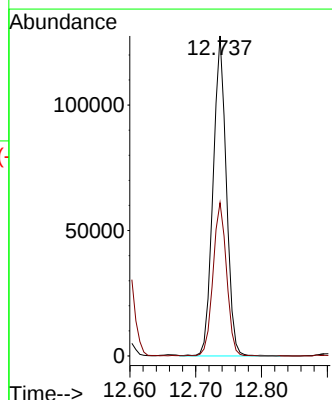
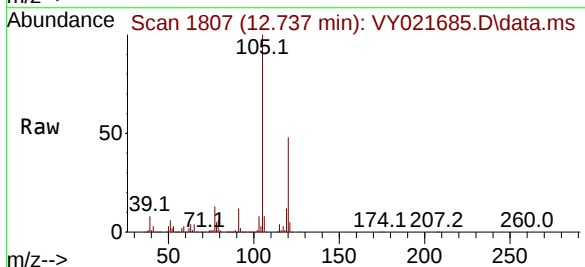
Acq: 28 Mar 2025 12:24

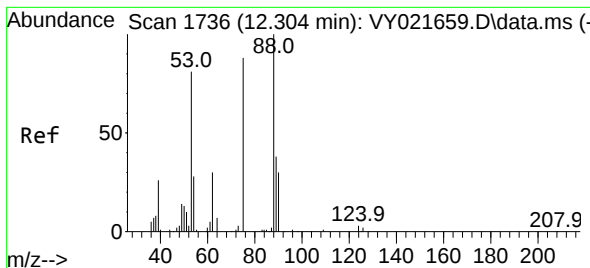
Tgt Ion:105 Resp: 179200

Ion Ratio Lower Upper

105 100

120 48.9 24.5 73.5

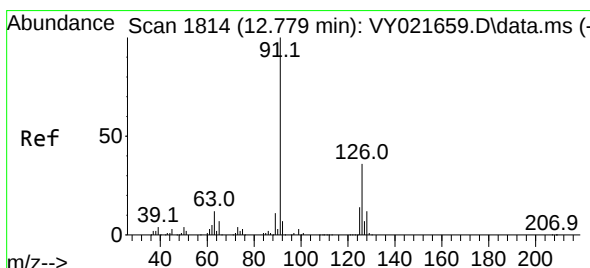
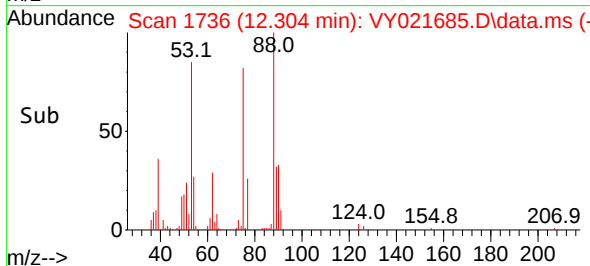
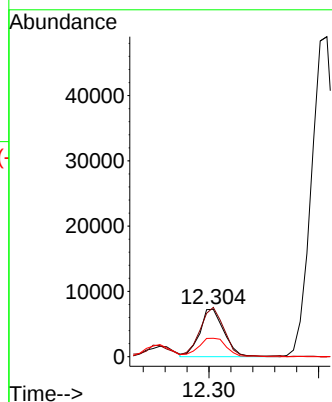
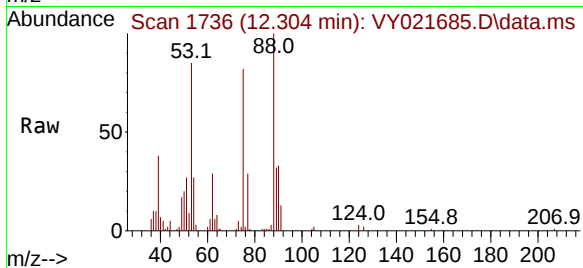




#81
trans-1,4-Dichloro-2-butene
Concen: 18.396 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

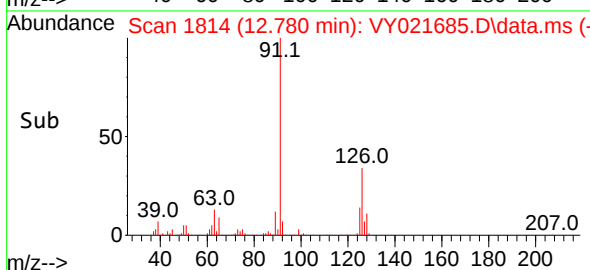
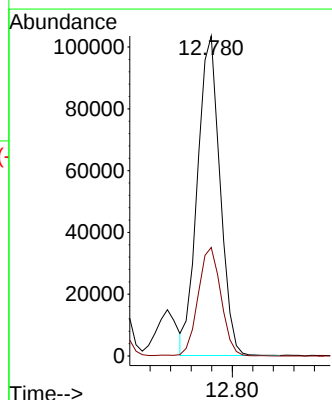
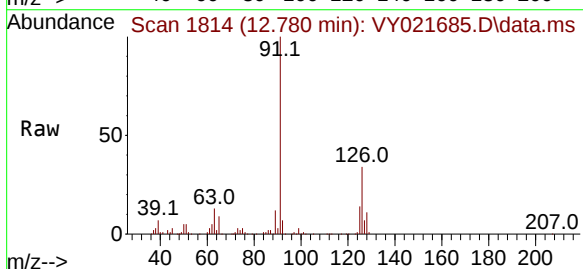
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBSD01

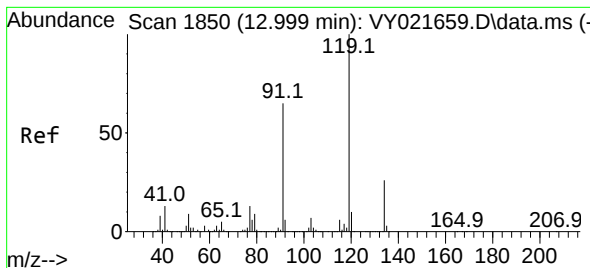
Tgt Ion: 75 Resp: 11206
Ion Ratio Lower Upper
75 100
53 100.7 76.1 114.1
89 44.5 36.2 54.4



#82
4-Chlorotoluene
Concen: 20.570 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 91 Resp: 157484
Ion Ratio Lower Upper
91 100
126 34.6 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.237 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

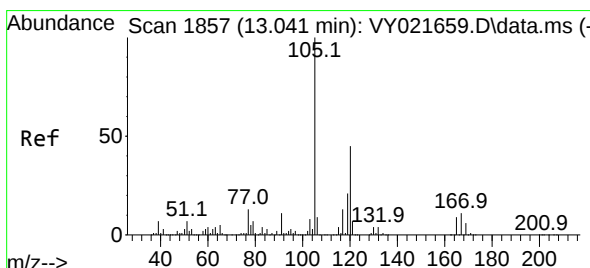
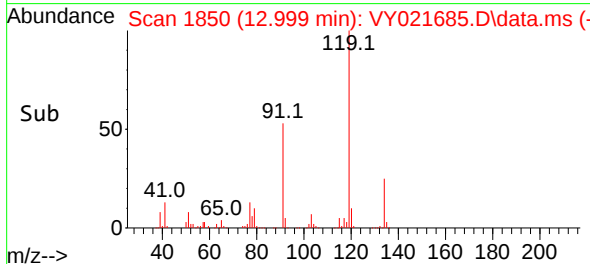
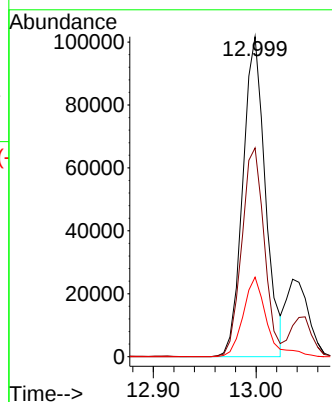
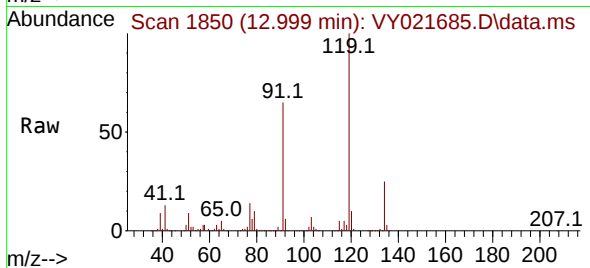
Tgt Ion:119 Resp: 154934

Ion Ratio Lower Upper

119 100

91 65.4 32.6 97.7

134 25.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.825 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021685.D

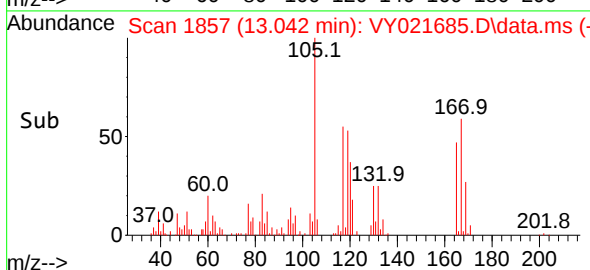
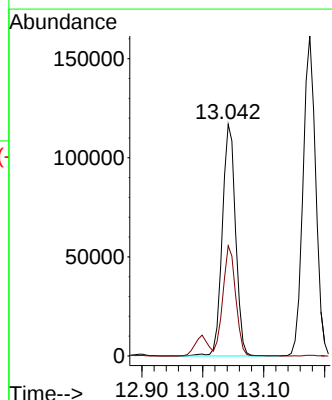
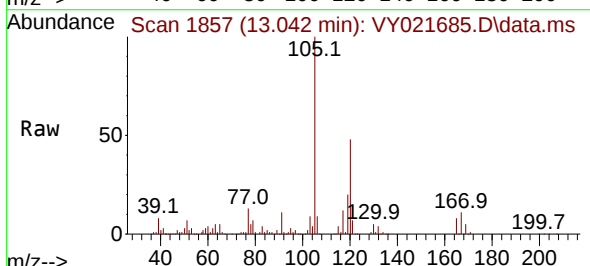
Acq: 28 Mar 2025 12:24

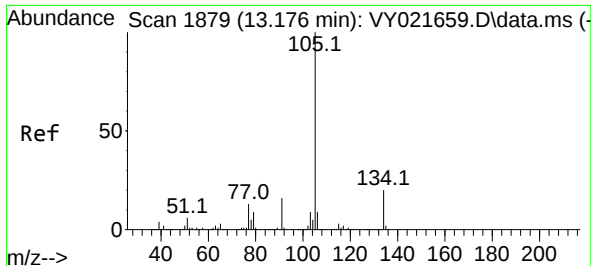
Tgt Ion:105 Resp: 176911

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1

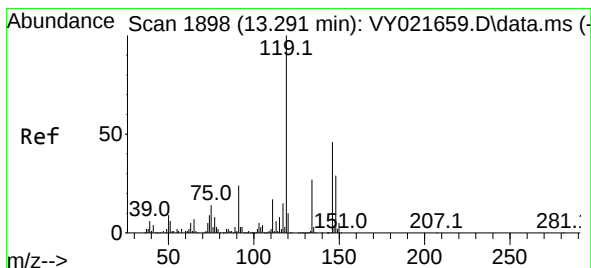
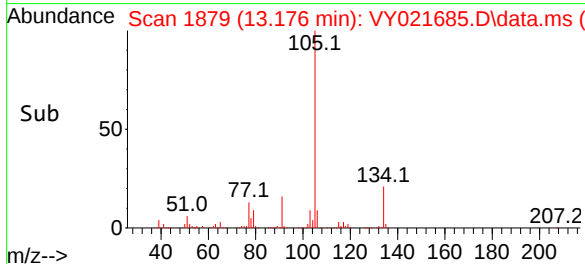
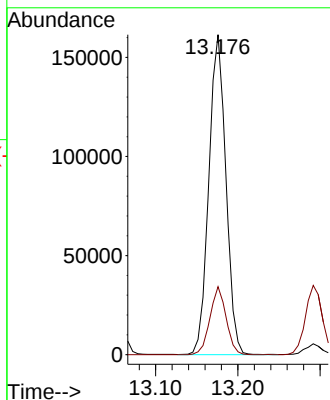
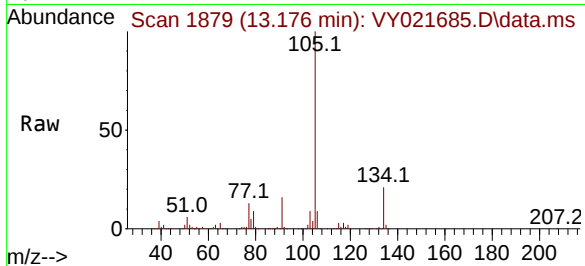




#85
 sec-Butylbenzene
 Concen: 20.797 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

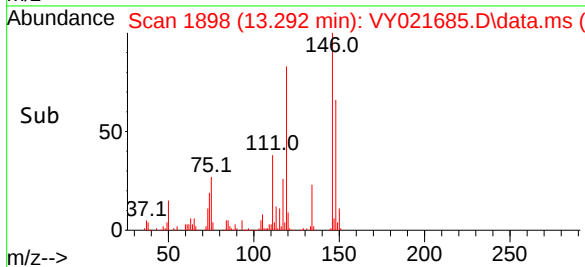
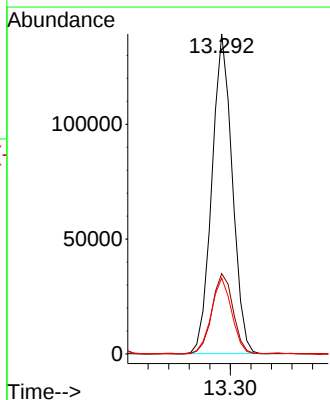
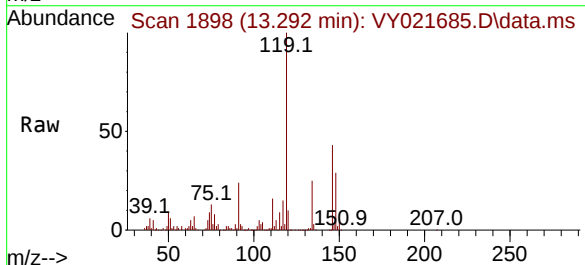
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBSD01

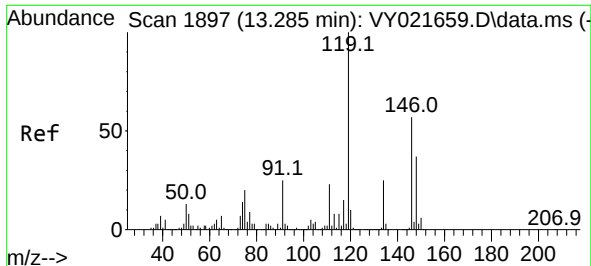
Tgt Ion:105 Resp: 232679
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.686 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

Tgt Ion:119 Resp: 191285
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 23.7 12.0 36.0

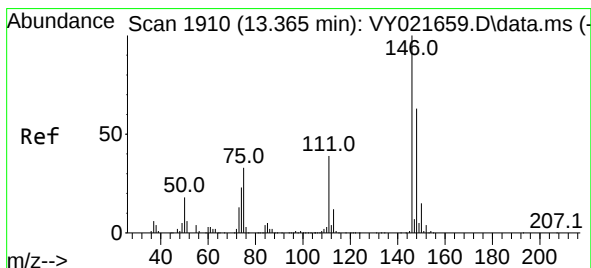
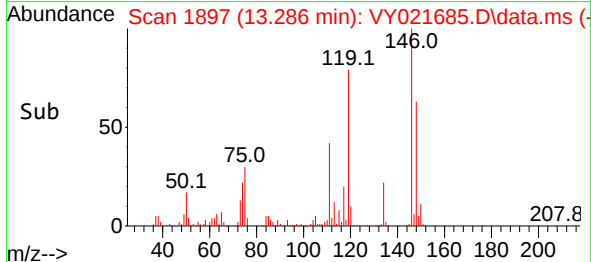
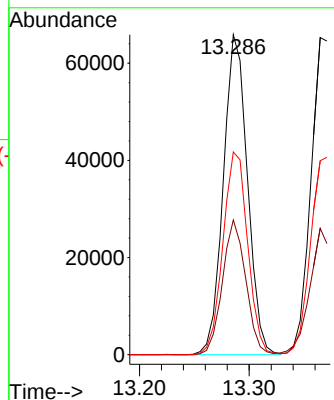
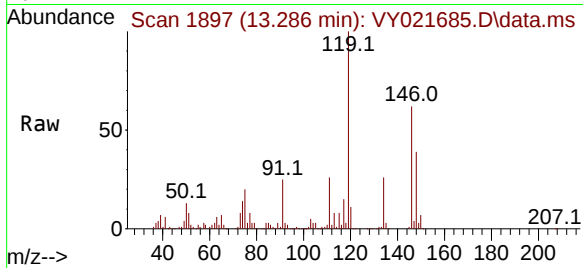




#87
1,3-Dichlorobenzene
Concen: 20.227 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

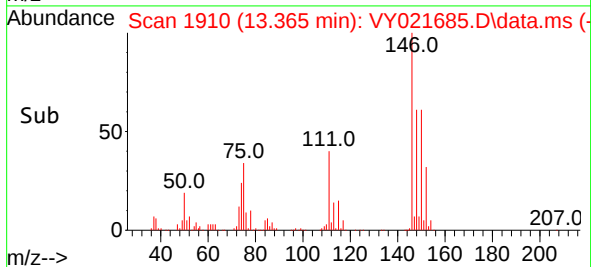
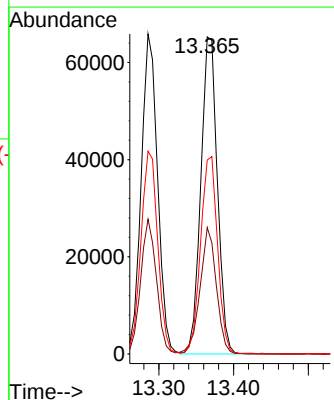
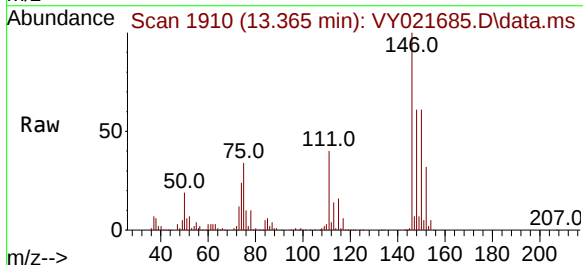
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

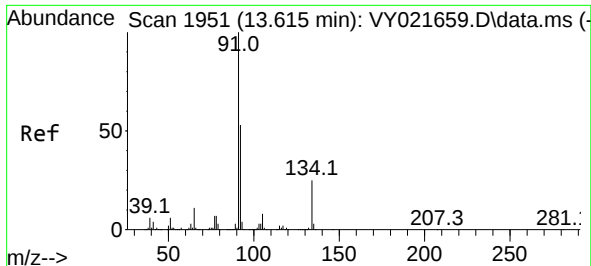
Tgt Ion:146 Resp: 100629
Ion Ratio Lower Upper
146 100
111 40.6 20.0 60.0
148 65.0 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.420 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion:146 Resp: 100368
Ion Ratio Lower Upper
146 100
111 39.4 19.1 57.1
148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 20.600 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

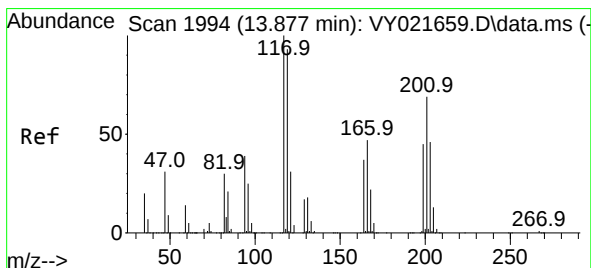
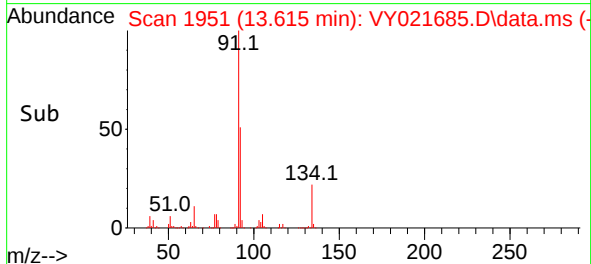
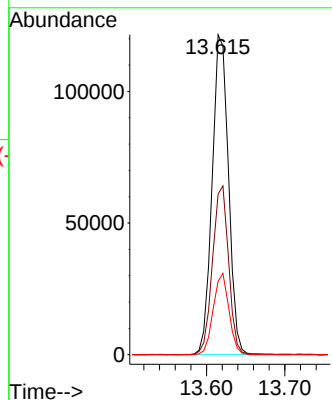
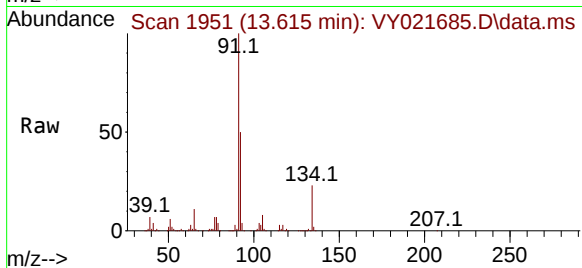
Tgt Ion: 91 Resp: 176171

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.2

134 24.4 12.8 38.4



#90

Hexachloroethane

Concen: 20.588 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021685.D

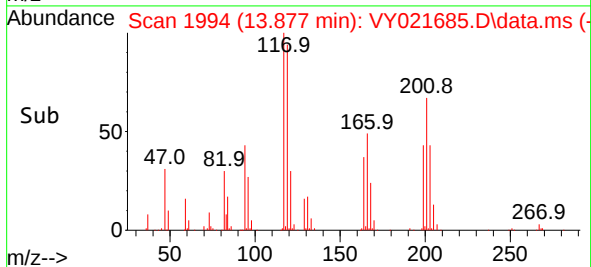
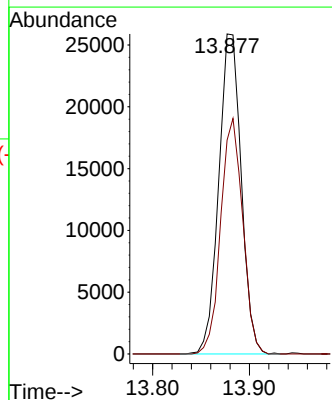
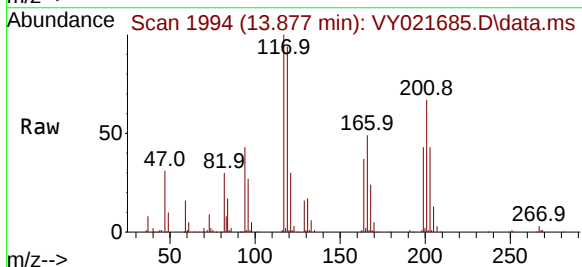
Acq: 28 Mar 2025 12:24

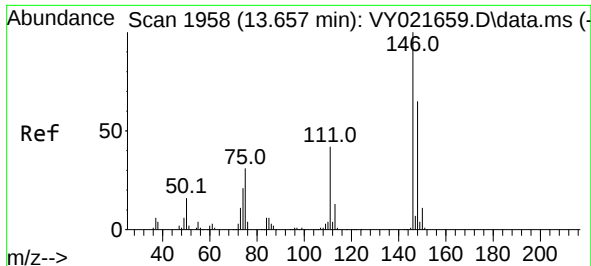
Tgt Ion: 117 Resp: 41719

Ion Ratio Lower Upper

117 100

201 72.1 37.4 112.1

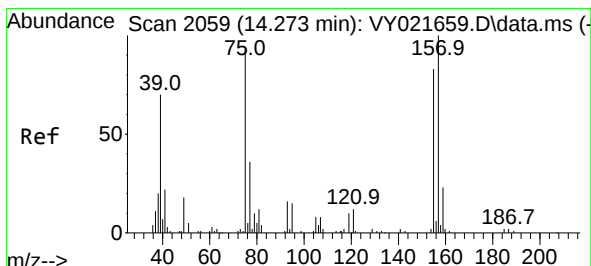
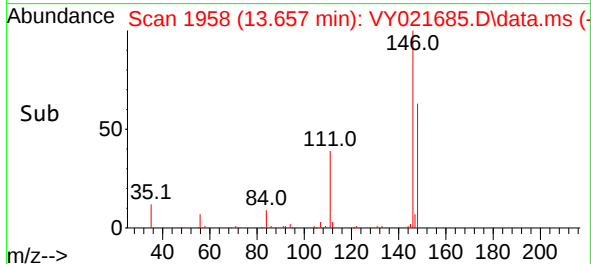
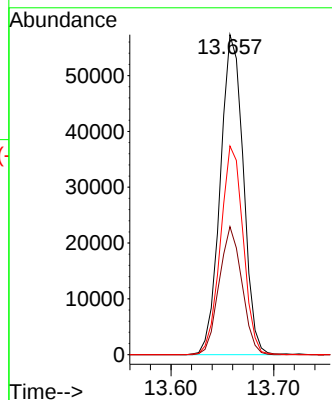
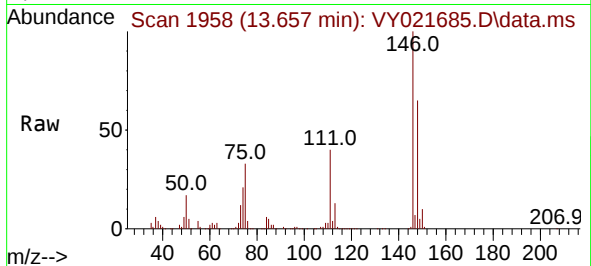




#91
1,2-Dichlorobenzene
Concen: 20.554 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

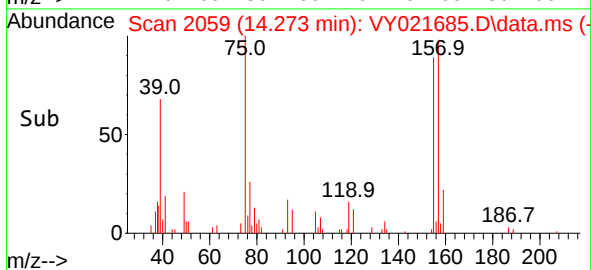
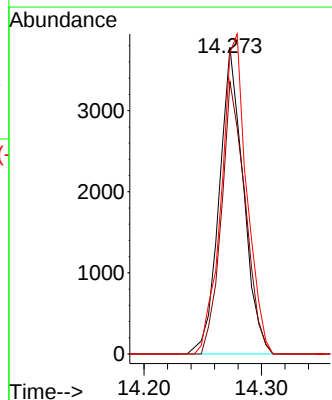
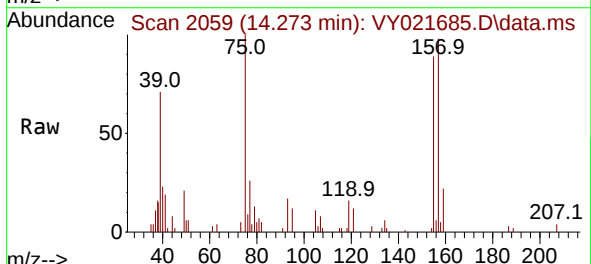
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBS01

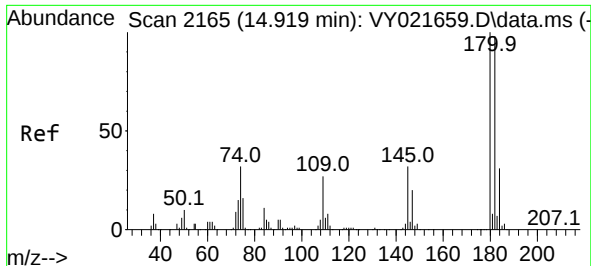
Tgt Ion:146 Resp: 89015
Ion Ratio Lower Upper
146 100
111 39.5 20.7 62.1
148 64.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.402 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021685.D
Acq: 28 Mar 2025 12:24

Tgt Ion: 75 Resp: 5393
Ion Ratio Lower Upper
75 100
155 87.6 43.0 128.8
157 109.4 54.0 162.0

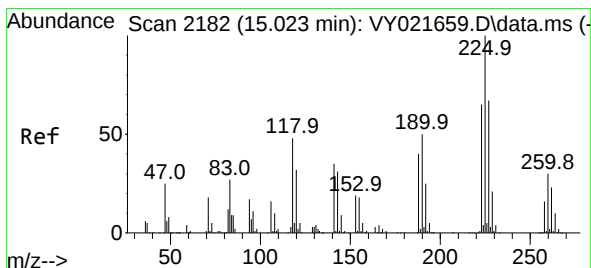
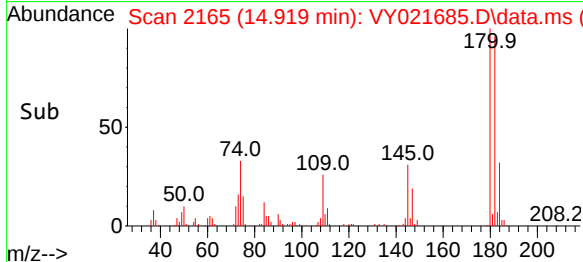
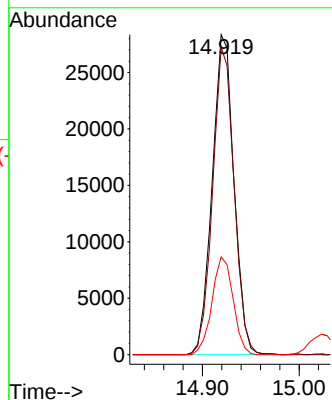
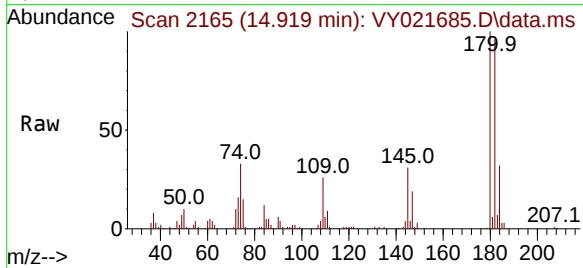




#93
 1,2,4-Trichlorobenzene
 Concen: 18.831 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

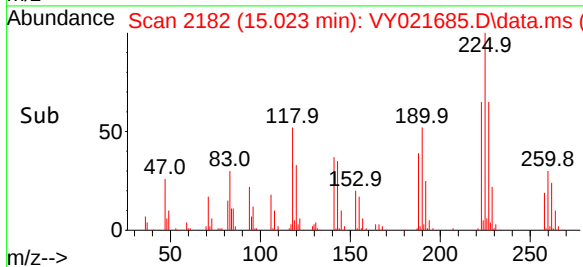
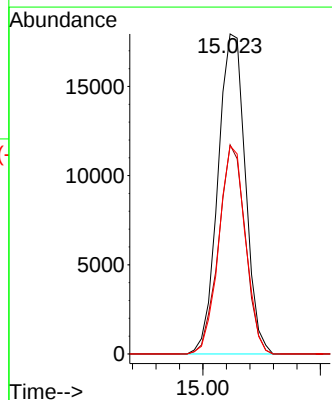
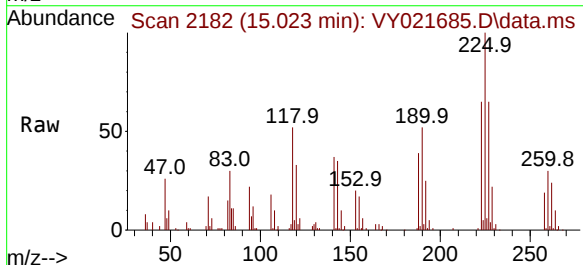
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBSD01

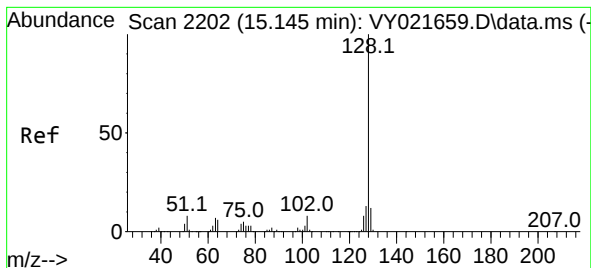
Tgt Ion:180 Resp: 44225
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.5 142.6
 145 29.7 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 19.825 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY021685.D
 Acq: 28 Mar 2025 12:24

Tgt Ion:225 Resp: 29078
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.9 95.7
 227 63.3 32.4 97.0





#95

Naphthalene

Concen: 17.048 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBS01

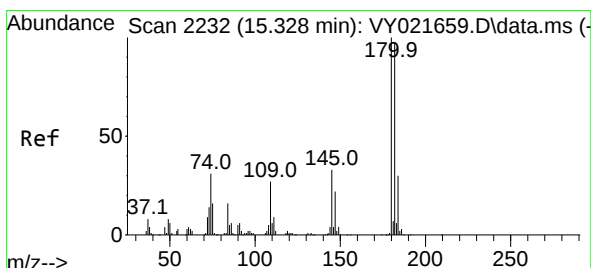
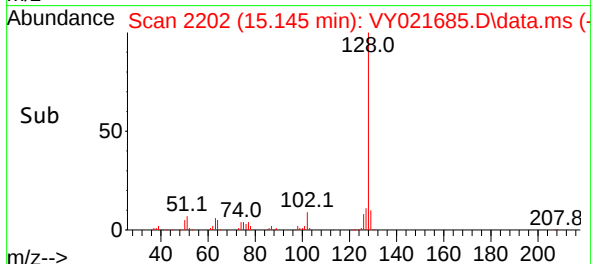
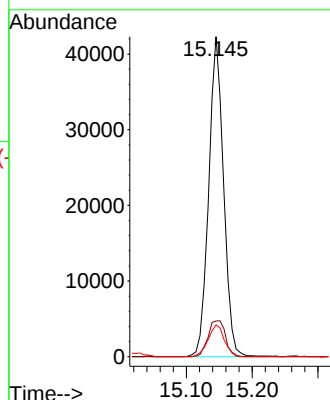
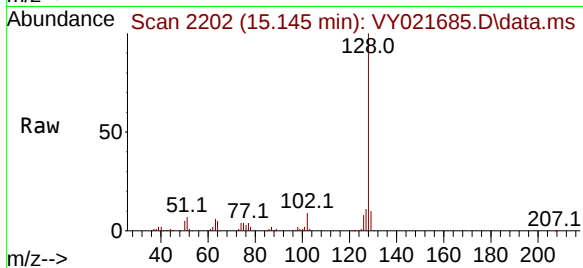
Tgt Ion:128 Resp: 66363

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: 17.971 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021685.D

Acq: 28 Mar 2025 12:24

Tgt Ion:180 Resp: 35990

Ion Ratio Lower Upper

180 100

182 98.1 47.5 142.5

145 32.1 15.9 47.7

