

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021712.D
 Acq On : 31 Mar 2025 11:43
 Operator : SY/MD
 Sample : VY0331SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Quant Time: Apr 01 05:33:57 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	209979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	327567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	145397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114544	50.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.700%	
35) Dibromofluoromethane	7.634	113	112006	52.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.420%	
50) Toluene-d8	10.109	98	421935	52.196	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.407	95	139565	51.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	42694	19.617	ug/l	99
3) Chloromethane	2.068	50	59061	19.299	ug/l	99
4) Vinyl Chloride	2.202	62	66406	19.187	ug/l	100
5) Bromomethane	2.592	94	48623	20.599	ug/l	99
6) Chloroethane	2.732	64	44015	19.435	ug/l	97
7) Trichlorofluoromethane	3.055	101	86708	19.558	ug/l	96
8) Diethyl Ether	3.452	74	22675	18.807	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	46607	19.932	ug/l	98
10) Methyl Iodide	4.007	142	43781	17.067	ug/l	98
11) Tert butyl alcohol	4.860	59	13209	89.388	ug/l	98
12) 1,1-Dichloroethene	3.793	96	42010	19.074	ug/l	91
13) Acrolein	3.647	56	20472	75.872	ug/l	99
14) Allyl chloride	4.378	41	67154	19.123	ug/l	99
15) Acrylonitrile	5.061	53	46751	92.869	ug/l	99
16) Acetone	3.866	43	44494	95.560	ug/l	98
17) Carbon Disulfide	4.104	76	136937	18.877	ug/l	99
18) Methyl Acetate	4.385	43	22222	19.257	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	102080	18.616	ug/l	99
20) Methylene Chloride	4.616	84	51551	20.331	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	46975	19.371	ug/l	95
22) Diisopropyl ether	6.018	45	145363	19.733	ug/l	97
23) Vinyl Acetate	5.957	43	402538	93.408	ug/l	99
24) 1,1-Dichloroethane	5.915	63	87037	19.759	ug/l	99
25) 2-Butanone	6.890	43	60441	90.883	ug/l	100
26) 2,2-Dichloropropane	6.884	77	76700	19.575	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	53359	19.566	ug/l	98
28) Bromochloromethane	7.244	49	36351	19.568	ug/l	96
29) Tetrahydrofuran	7.262	42	39804	92.997	ug/l	99
30) Chloroform	7.421	83	90776	19.814	ug/l	99
31) Cyclohexane	7.701	56	74083	18.450	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	82041	19.813	ug/l	99
36) 1,1-Dichloropropene	7.835	75	62556	19.328	ug/l	97
37) Ethyl Acetate	6.988	43	28539	18.684	ug/l	99
38) Carbon Tetrachloride	7.817	117	74182	20.012	ug/l	96
39) Methylcyclohexane	9.109	83	72833	18.838	ug/l	97
40) Benzene	8.079	78	191618	19.770	ug/l	100

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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)
41) Methacrylonitrile	7.262	41	38385	47.320	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	54319	19.879	ug/l	99
43) Isopropyl Acetate	8.195	43	52723	18.214	ug/l	99
44) Trichloroethene	8.865	130	49144	19.900	ug/l	98
45) 1,2-Dichloropropane	9.140	63	46508	20.271	ug/l	99
46) Dibromomethane	9.231	93	26264	19.863	ug/l	99
47) Bromodichloromethane	9.420	83	68455	19.980	ug/l	97
48) Methyl methacrylate	9.219	41	23970	18.043	ug/l	98
49) 1,4-Dioxane	9.225	88	5445	384.406	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	138649	92.043	ug/l	100
52) Toluene	10.170	92	121643	20.115	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	59086	19.416	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	70169	19.545	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	33939	19.946	ug/l	98
56) Ethyl methacrylate	10.438	69	39458	18.161	ug/l	99
57) 1,3-Dichloropropane	10.719	76	57715	19.639	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	101196	95.474	ug/l	98
59) 2-Hexanone	10.761	43	90774	90.484	ug/l	98
60) Dibromochloromethane	10.914	129	46243	19.905	ug/l	99
61) 1,2-Dibromoethane	11.011	107	31289	19.602	ug/l	99
64) Tetrachloroethene	10.646	164	53898	20.297	ug/l	98
65) Chlorobenzene	11.444	112	130206	19.481	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	46738	19.709	ug/l	98
67) Ethyl Benzene	11.517	91	219797	19.178	ug/l	100
68) m/p-Xylenes	11.627	106	170854	38.930	ug/l	99
69) o-Xylene	11.956	106	77769	19.197	ug/l	99
70) Styrene	11.969	104	133024	19.694	ug/l	99
71) Bromoform	12.133	173	27019	19.974	ug/l #	98
73) Isopropylbenzene	12.255	105	209283	19.380	ug/l	100
74) N-amyl acetate	12.072	43	44341	17.495	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	37610	19.371	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	49159	34.108	ug/l #	100
77) Bromobenzene	12.536	156	50810	19.596	ug/l	98
78) n-propylbenzene	12.596	91	255379	19.670	ug/l	100
79) 2-Chlorotoluene	12.682	91	149058	19.767	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	173479	19.655	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11906	19.034	ug/l	96
82) 4-Chlorotoluene	12.779	91	153149	19.480	ug/l	99
83) tert-Butylbenzene	12.999	119	150109	19.095	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	171420	19.651	ug/l	100
85) sec-Butylbenzene	13.176	105	225682	19.644	ug/l	99
86) p-Isopropyltoluene	13.291	119	186815	19.674	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	102433	20.052	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	100004	19.814	ug/l	99
89) n-Butylbenzene	13.621	91	169456	19.297	ug/l	99
90) Hexachloroethane	13.883	117	40626	19.524	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	88038	19.797	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5686	18.895	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	44234	18.342	ug/l	98
94) Hexachlorobutadiene	15.029	225	28512	18.931	ug/l	98
95) Naphthalene	15.145	128	64689	16.183	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	36636	17.815	ug/l	99

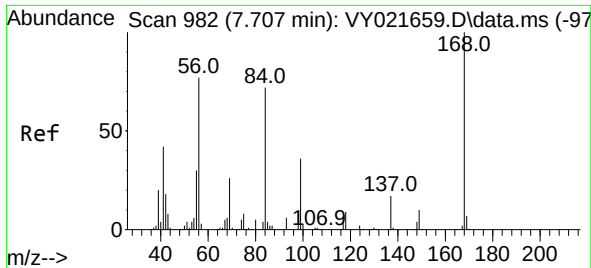
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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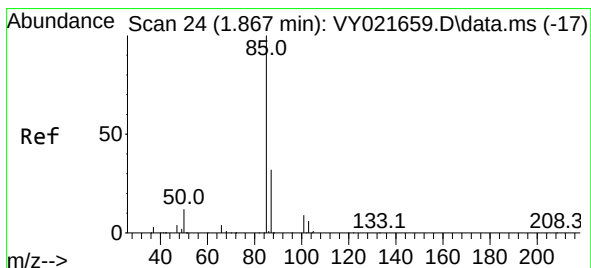
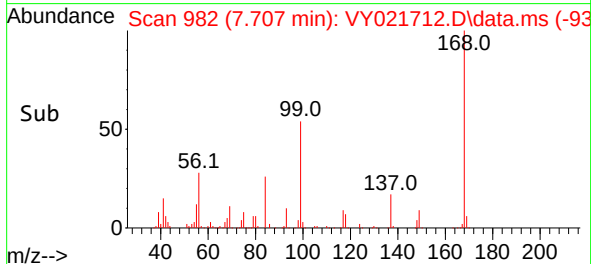
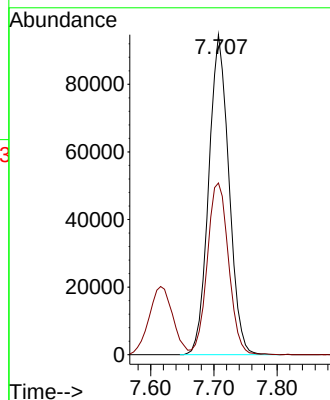
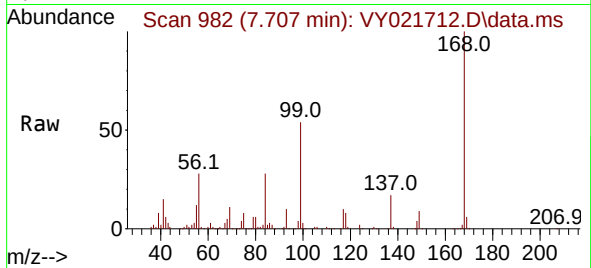
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021712.D
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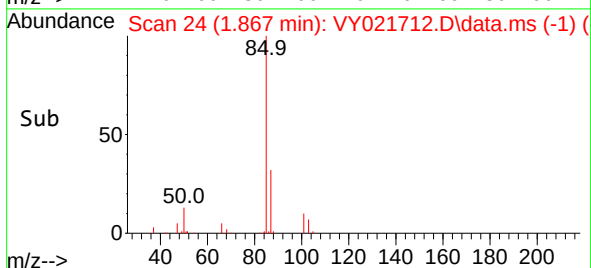
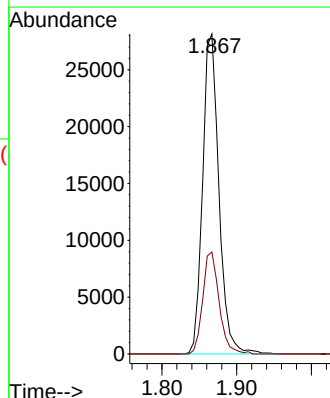
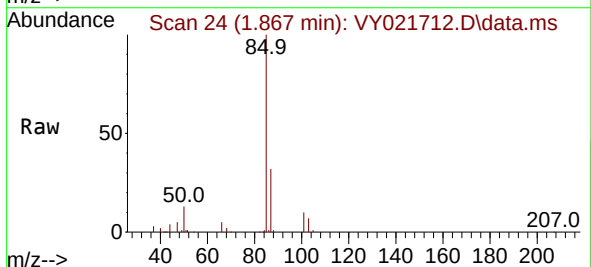
Instrument :
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VY0331SBS01

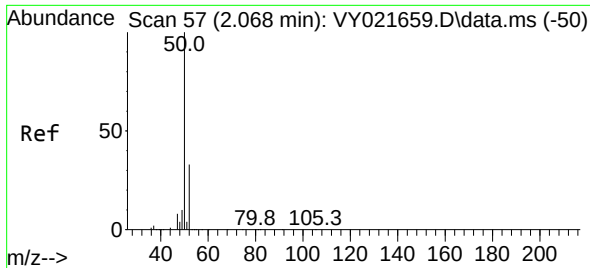
Tgt Ion:168 Resp: 209979
Ion Ratio Lower Upper
168 100
99 53.6 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 19.617 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 85 Resp: 42694
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6

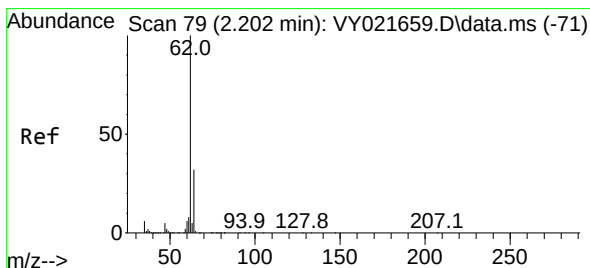
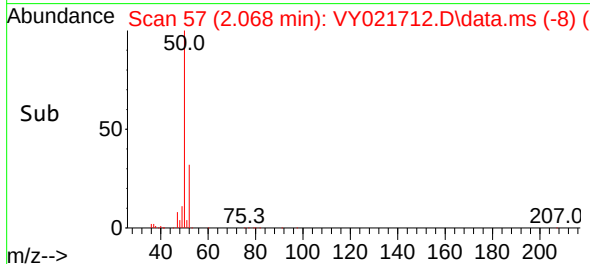
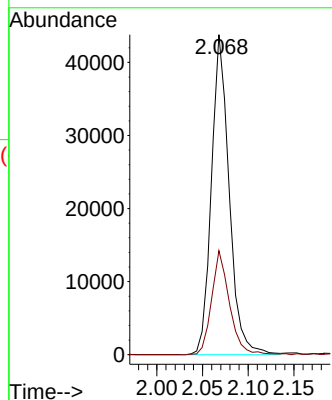
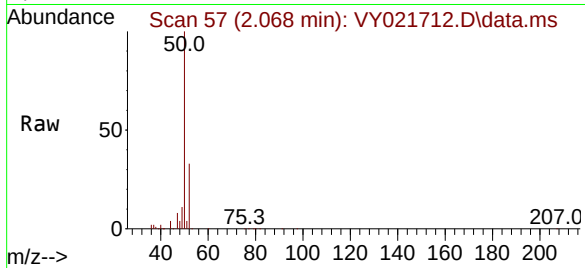




#3
Chloromethane
Concen: 19.299 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

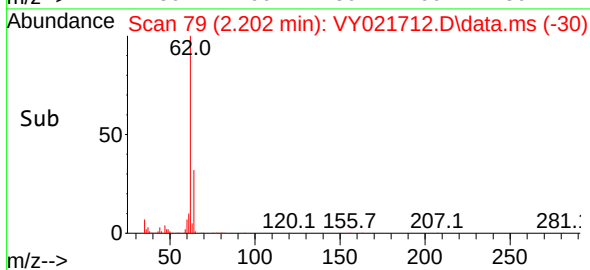
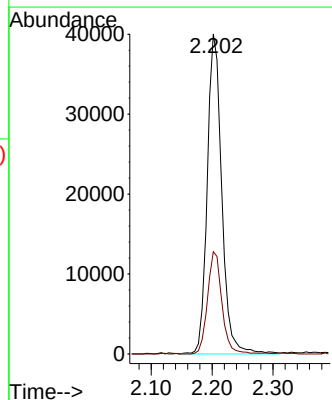
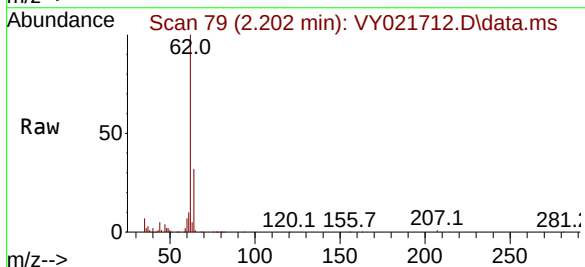
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ClientSampleId :
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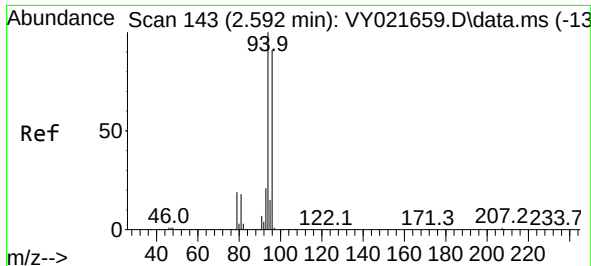
Tgt Ion: 50 Resp: 59061
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5



#4
Vinyl Chloride
Concen: 19.187 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 62 Resp: 66406
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3

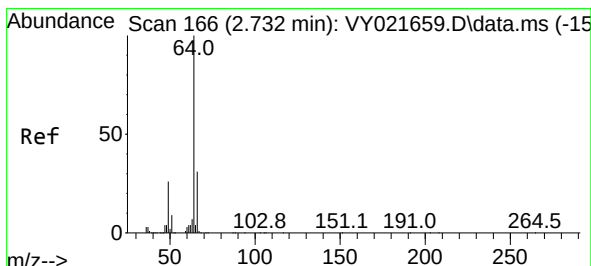
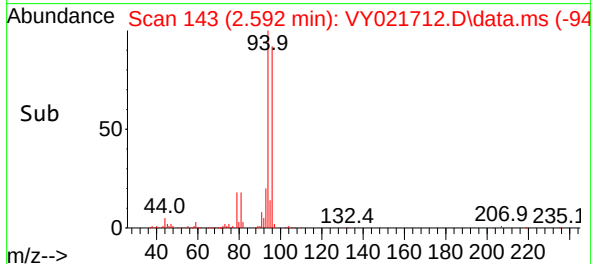
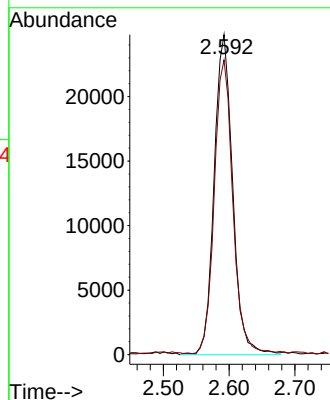
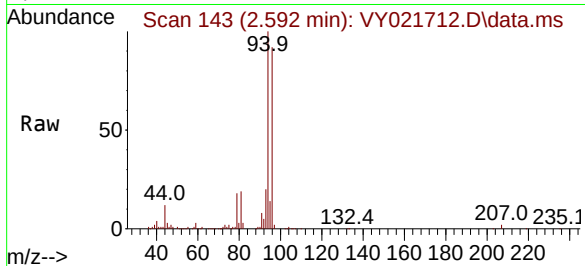




#5
Bromomethane
Concen: 20.599 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

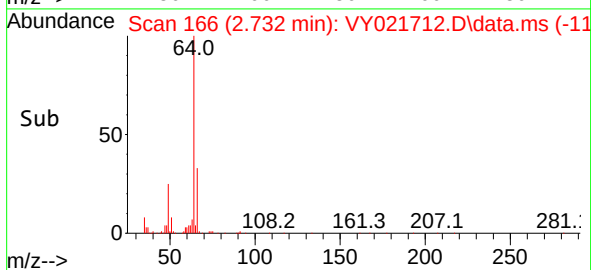
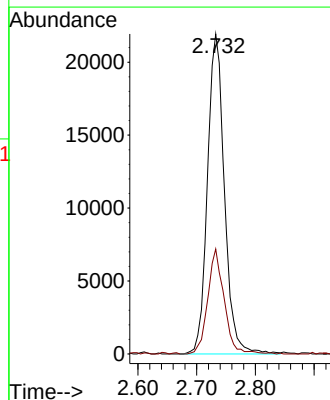
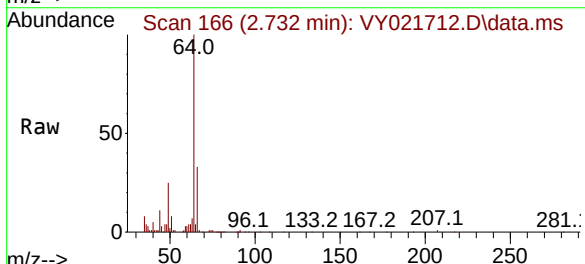
Instrument :
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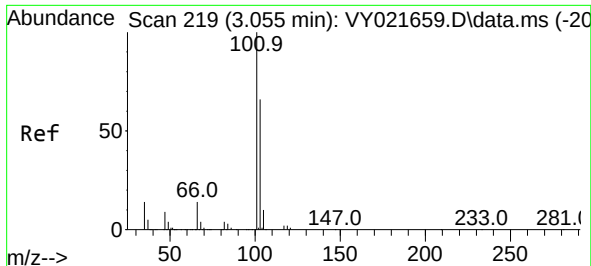
Tgt Ion: 94 Resp: 48623
Ion Ratio Lower Upper
94 100
96 91.5 72.8 109.2



#6
Chloroethane
Concen: 19.435 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 64 Resp: 44015
Ion Ratio Lower Upper
64 100
66 32.8 24.9 37.3

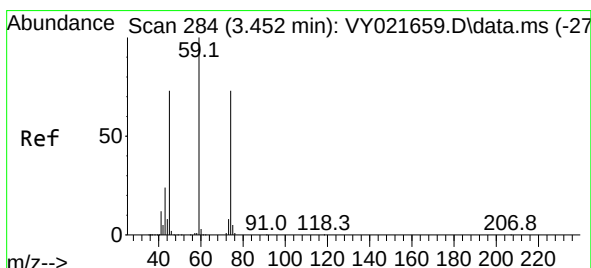
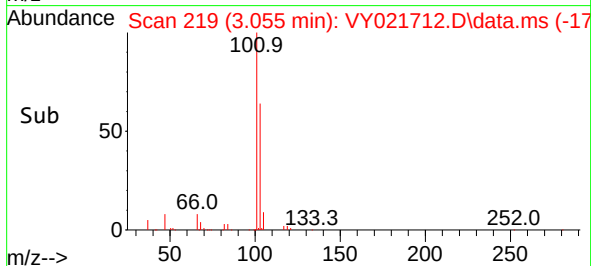
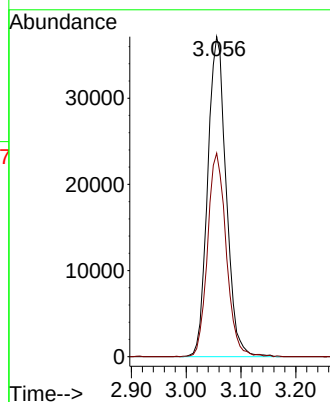
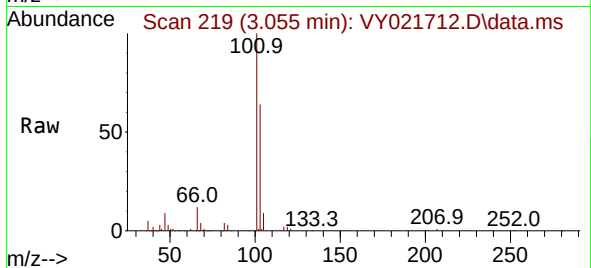




#7
 Trichlorofluoromethane
 Concen: 19.558 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021712.D
 Acq: 31 Mar 2025 11:43

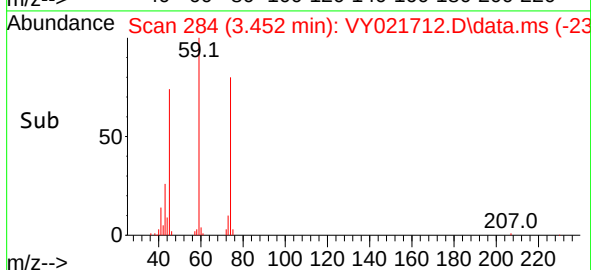
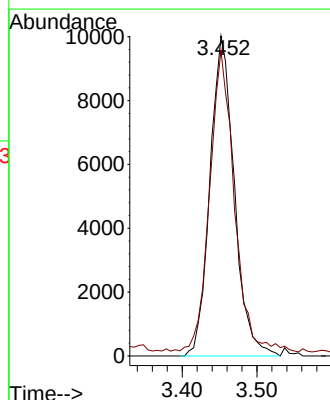
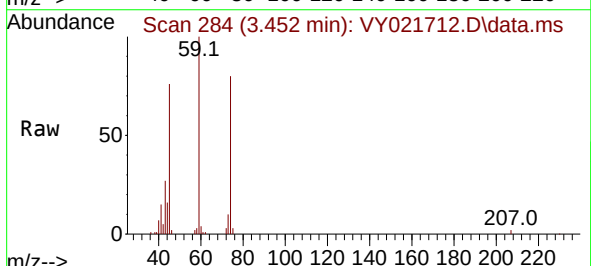
Instrument :
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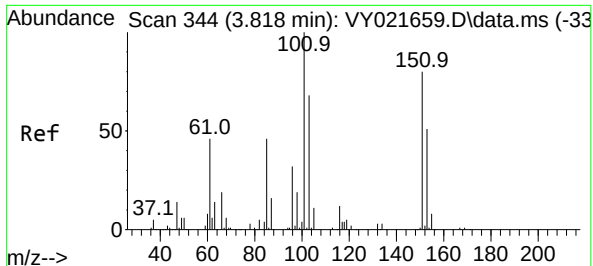
Tgt Ion:101 Resp: 86708
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.1 79.7



#8
 Diethyl Ether
 Concen: 18.807 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021712.D
 Acq: 31 Mar 2025 11:43

Tgt Ion: 74 Resp: 22675
 Ion Ratio Lower Upper
 74 100
 45 95.4 48.6 145.8

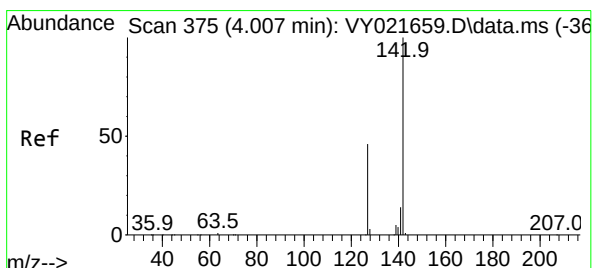
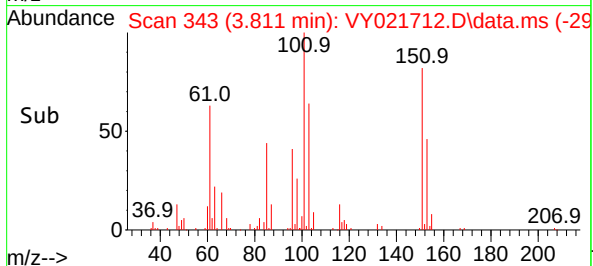
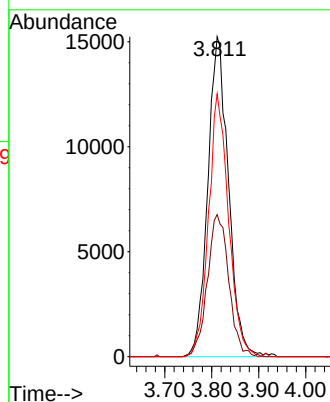
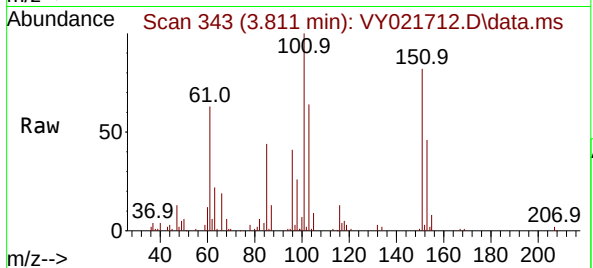




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.932 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021712.D
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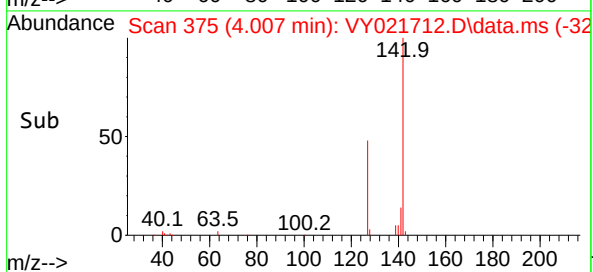
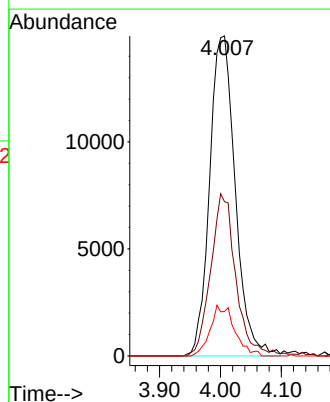
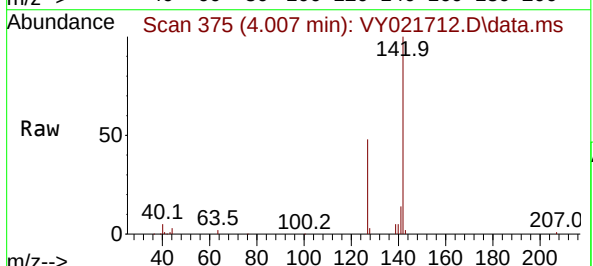
Instrument :
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ClientSampleId :
VY0331SBS01

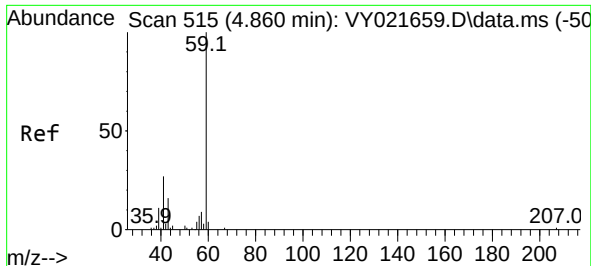
Tgt Ion:101 Resp: 46607
Ion Ratio Lower Upper
101 100
85 46.0 36.3 54.5
151 79.1 61.3 91.9



#10
Methyl Iodide
Concen: 17.067 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion:142 Resp: 43781
Ion Ratio Lower Upper
142 100
127 49.5 38.7 58.1
141 14.9 11.5 17.3

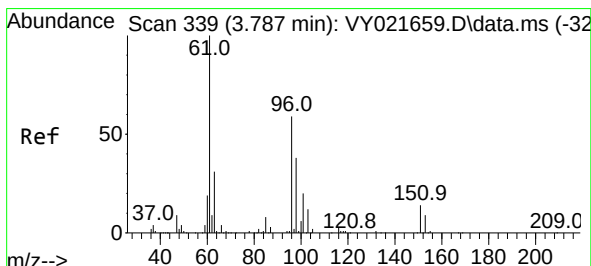
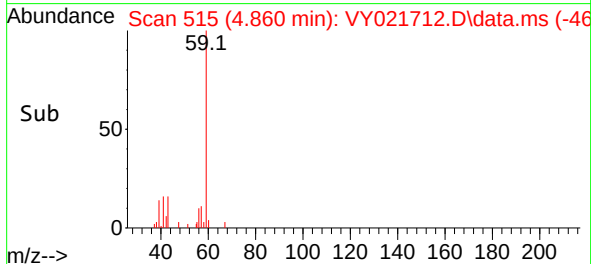
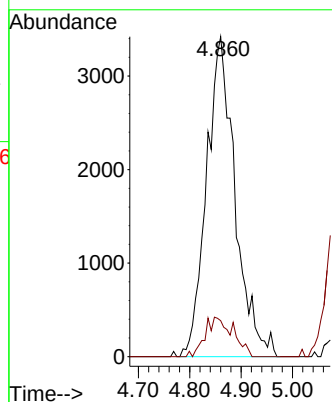
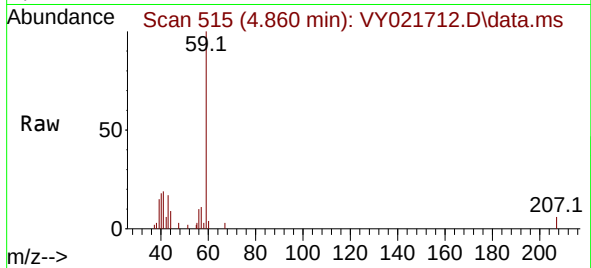




#11
Tert butyl alcohol
Concen: 89.388 ug/l
RT: 4.860 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

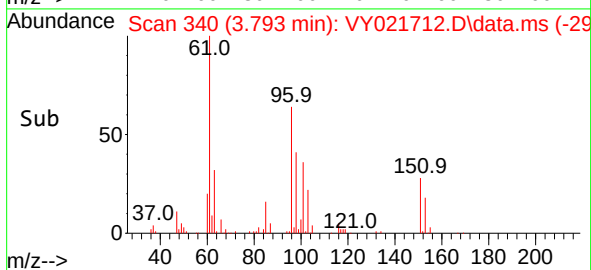
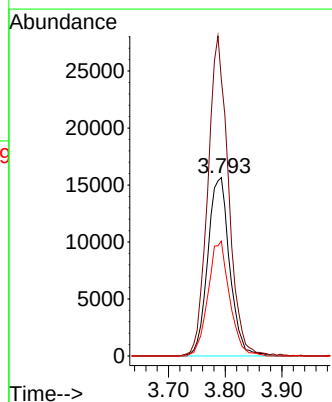
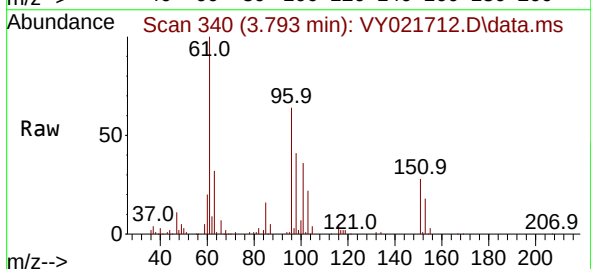
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

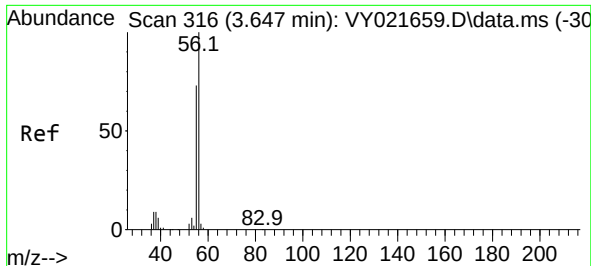
Tgt Ion: 59 Resp: 13209
Ion Ratio Lower Upper
59 100
57 12.1 9.2 13.8



#12
1,1-Dichloroethene
Concen: 19.074 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 96 Resp: 42010
Ion Ratio Lower Upper
96 100
61 155.1 136.6 204.8
98 64.4 52.3 78.5





#13

Acrolein

Concen: 75.872 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

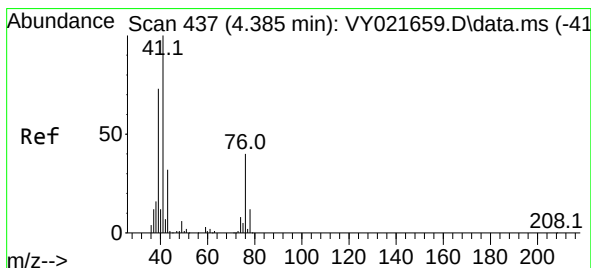
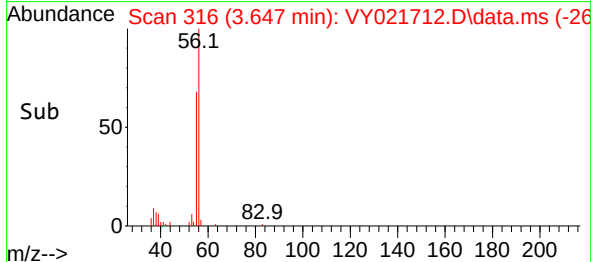
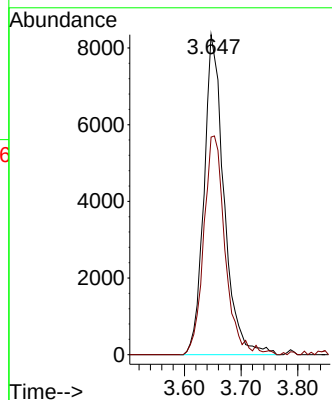
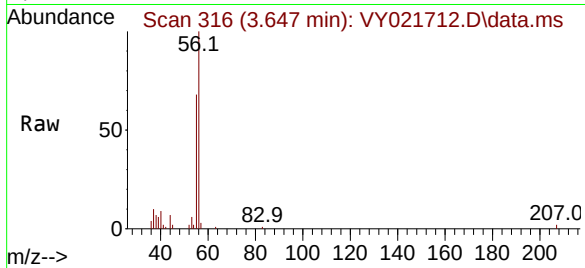
VY0331SBS01

Tgt Ion: 56 Resp: 20472

Ion Ratio Lower Upper

56 100

55 71.9 56.6 85.0



#14

Allyl chloride

Concen: 19.123 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

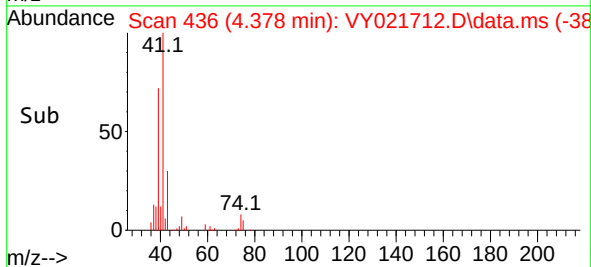
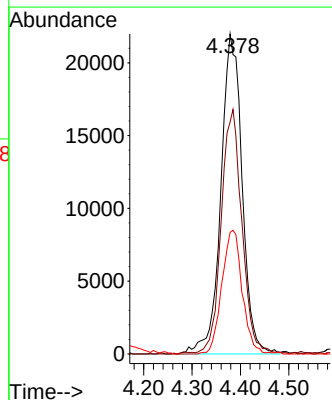
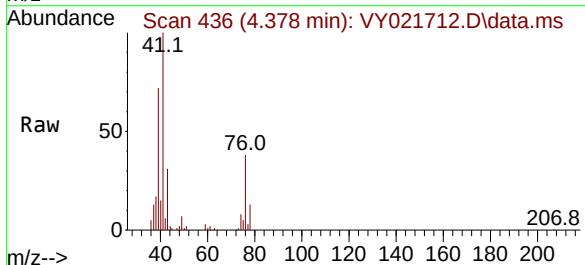
Tgt Ion: 41 Resp: 67154

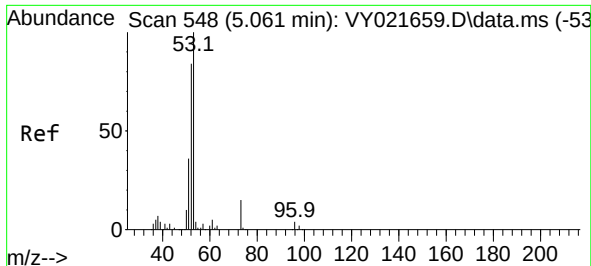
Ion Ratio Lower Upper

41 100

39 74.4 58.6 88.0

76 37.0 30.3 45.5

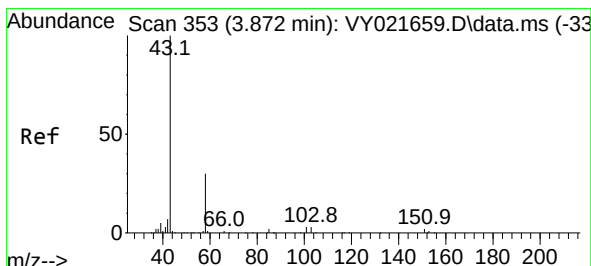
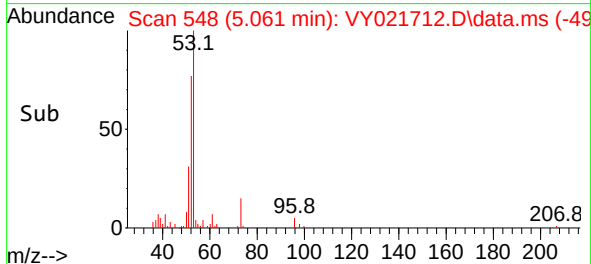
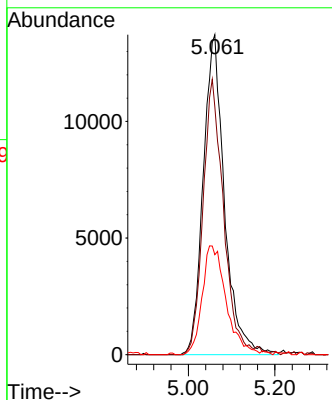
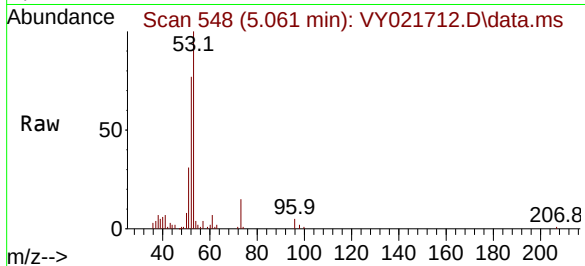




#15
Acrylonitrile
Concen: 92.869 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

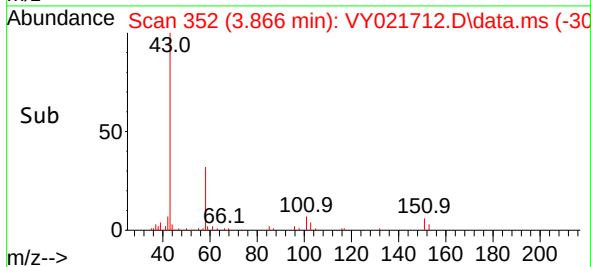
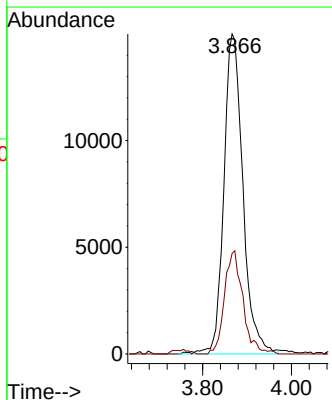
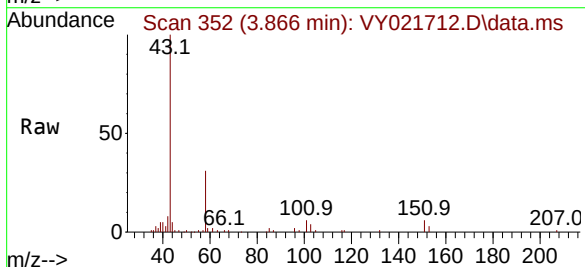
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

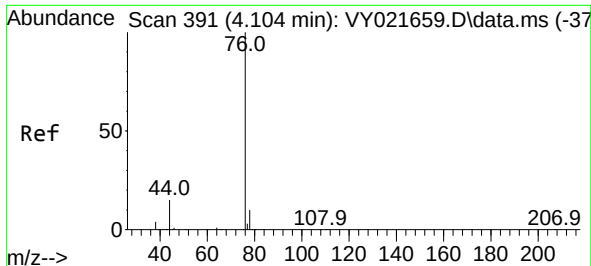
Tgt Ion: 53 Resp: 46751
Ion Ratio Lower Upper
53 100
52 82.6 64.9 97.3
51 38.2 30.2 45.2



#16
Acetone
Concen: 95.560 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 43 Resp: 44494
Ion Ratio Lower Upper
43 100
58 31.5 24.2 36.4

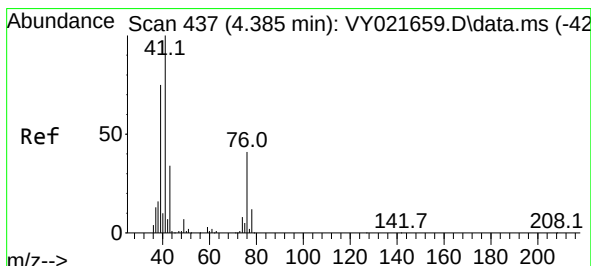
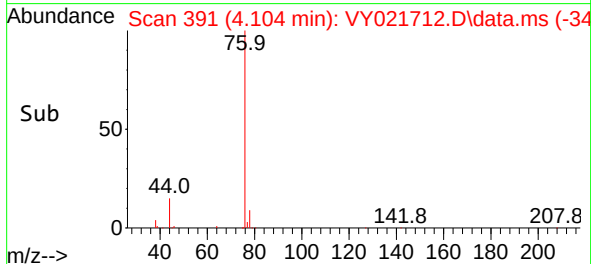
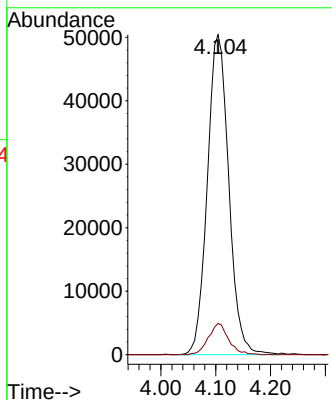
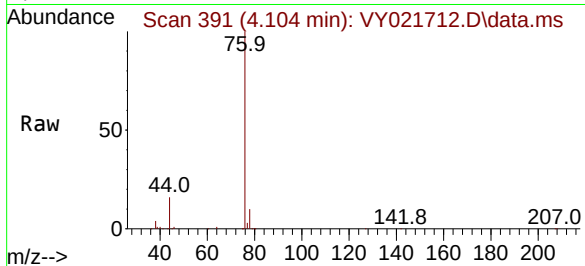




#17
Carbon Disulfide
Concen: 18.877 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

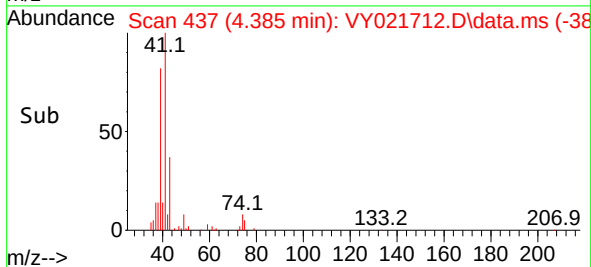
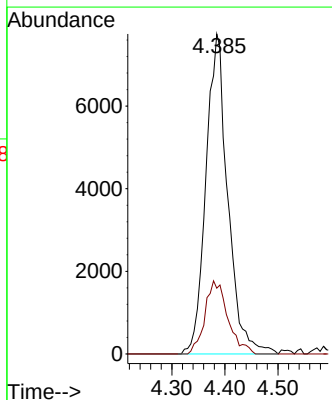
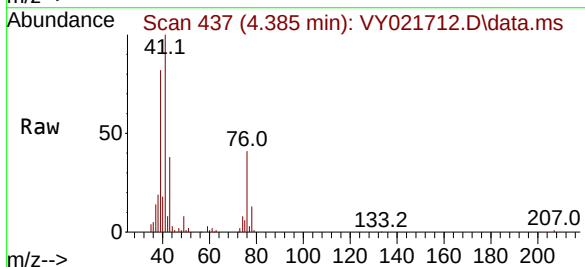
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

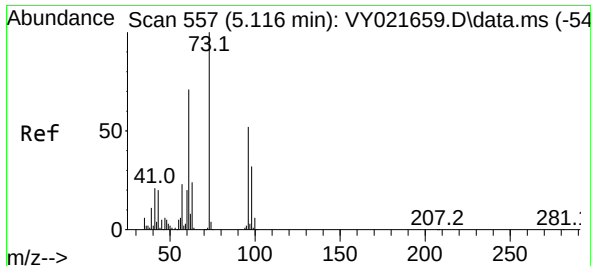
Tgt Ion: 76 Resp: 136937
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4



#18
Methyl Acetate
Concen: 19.257 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 43 Resp: 22222
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7

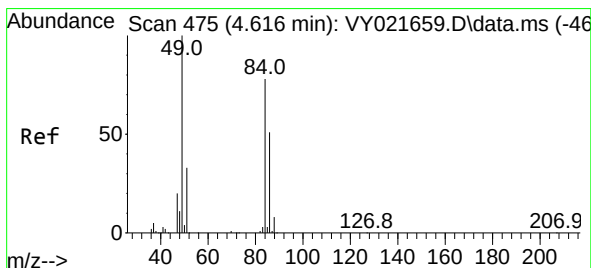
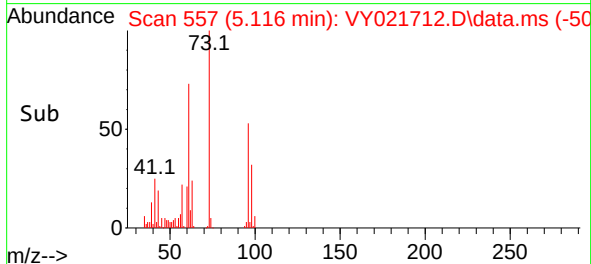
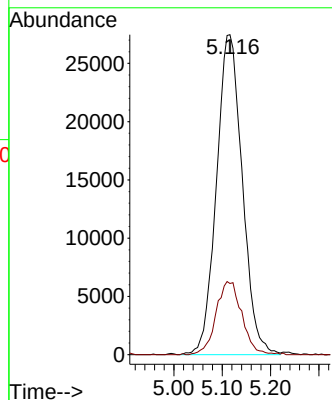
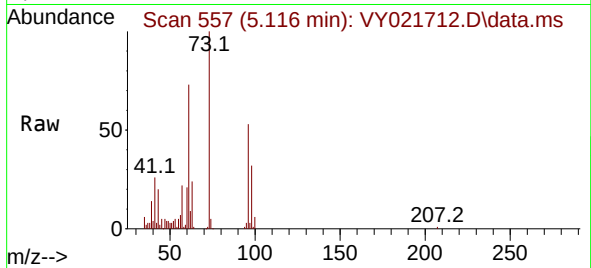




#19
Methyl tert-butyl Ether
Concen: 18.616 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

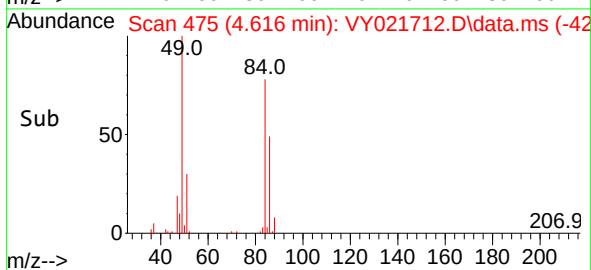
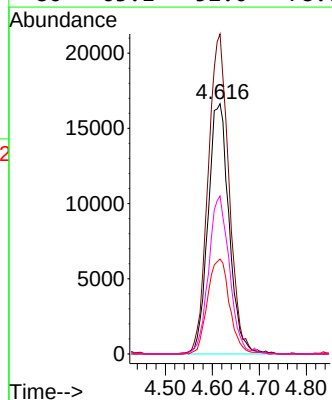
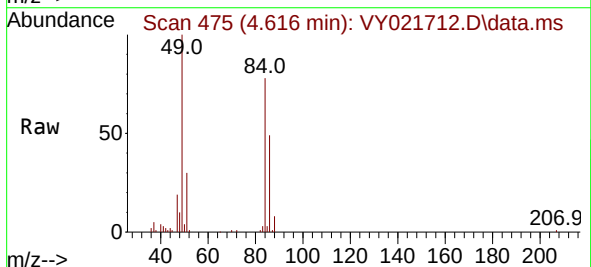
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

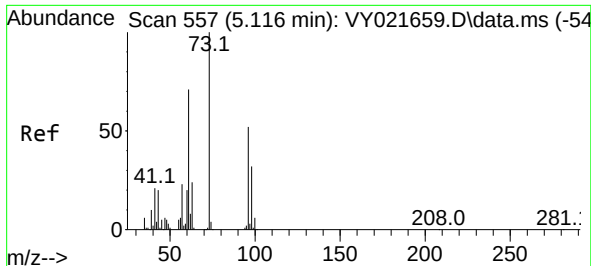
Tgt Ion: 73 Resp: 102080
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1



#20
Methylene Chloride
Concen: 20.331 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 84 Resp: 51551
Ion Ratio Lower Upper
84 100
49 127.8 102.8 154.2
51 37.9 33.5 50.3
86 63.1 52.0 78.0

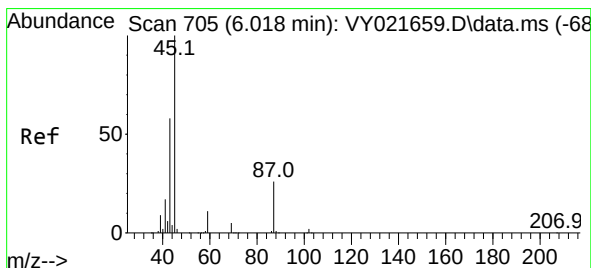
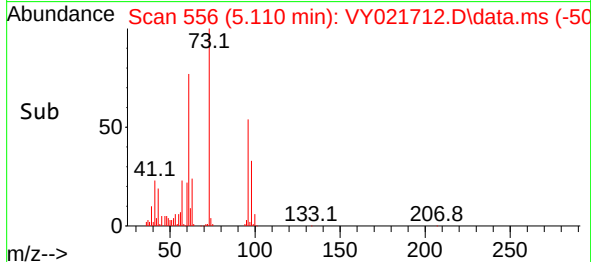
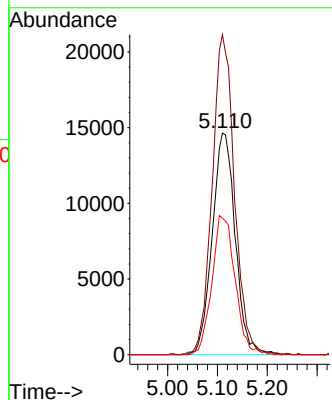
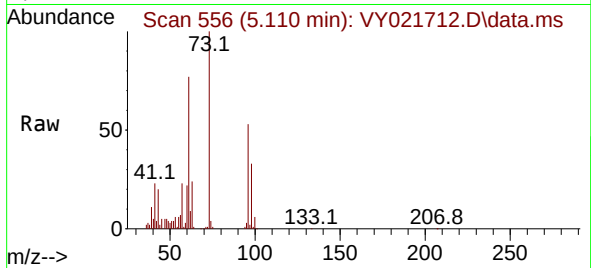




#21
trans-1,2-Dichloroethene
Concen: 19.371 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

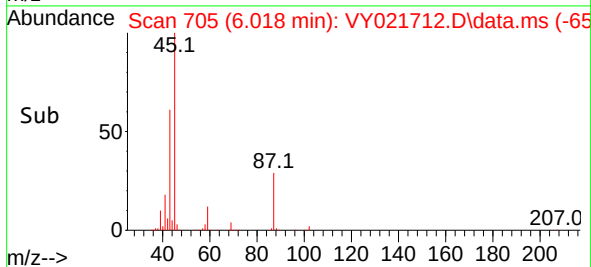
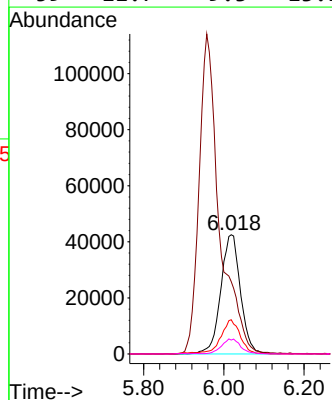
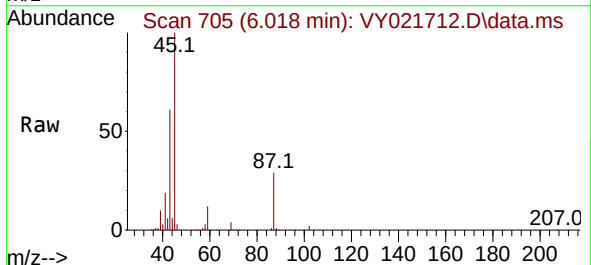
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

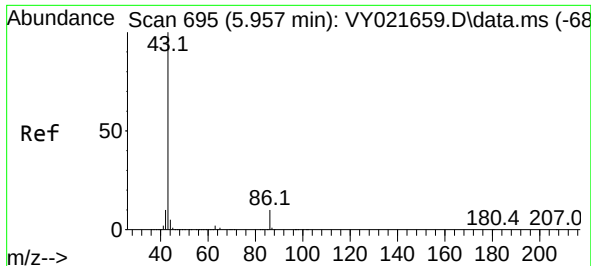
Tgt Ion: 96 Resp: 46975
Ion Ratio Lower Upper
96 100
61 144.4 109.4 164.0
98 61.6 50.2 75.2



#22
Diisopropyl ether
Concen: 19.733 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 45 Resp: 145363
Ion Ratio Lower Upper
45 100
43 60.1 46.6 69.8
87 28.7 20.7 31.1
59 11.7 9.3 13.9

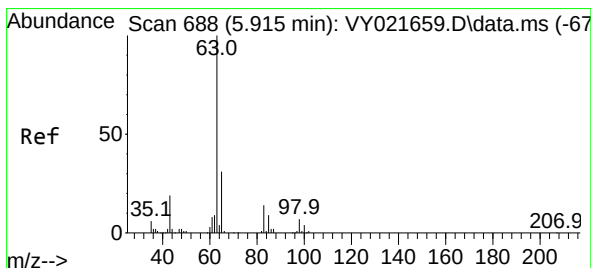
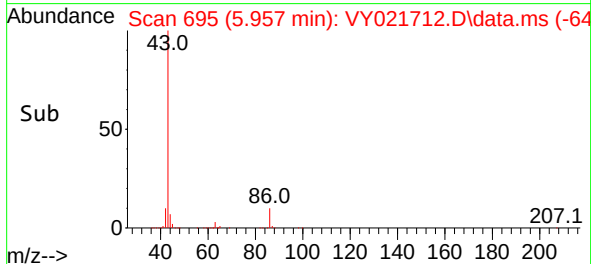
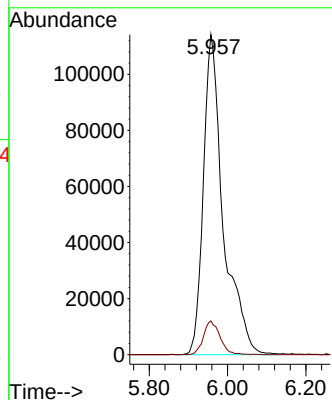
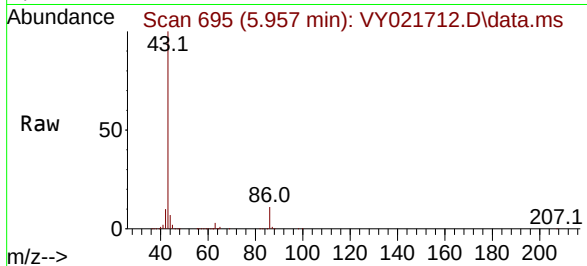




#23
 Vinyl Acetate
 Concen: 93.408 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021712.D
 Acq: 31 Mar 2025 11:43

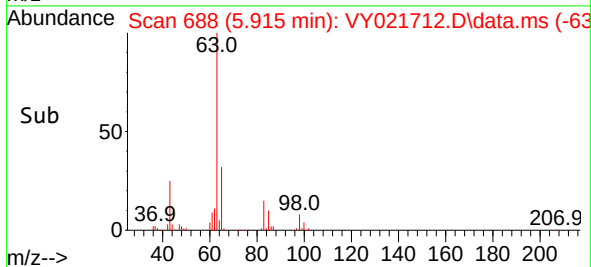
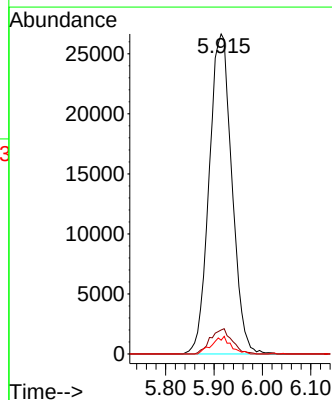
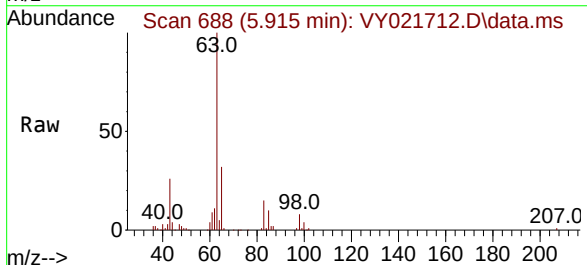
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

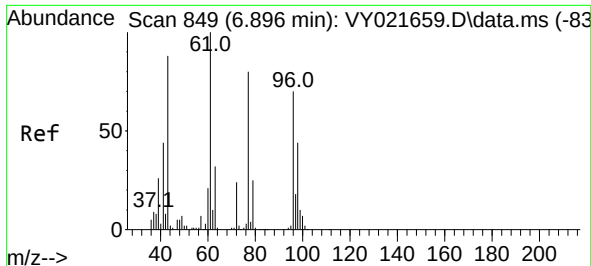
Tgt Ion: 43 Resp: 402538
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.759 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021712.D
 Acq: 31 Mar 2025 11:43

Tgt Ion: 63 Resp: 87037
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.3 2.2 6.6

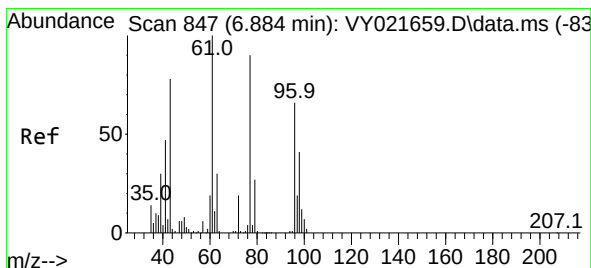
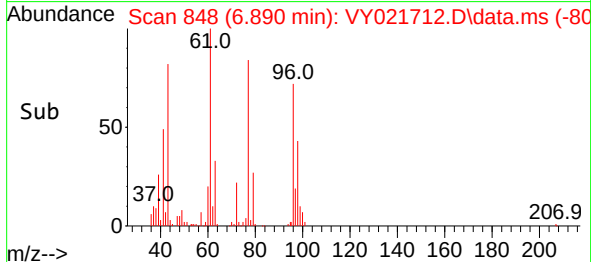
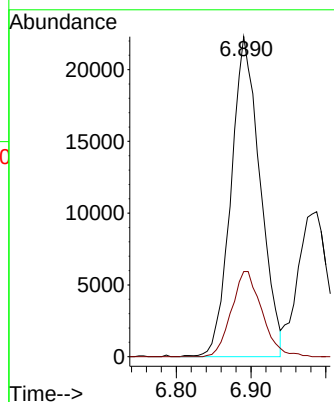
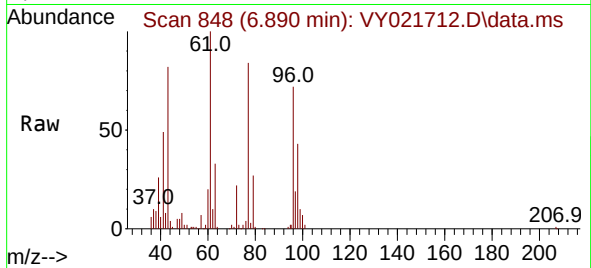




#25
2-Butanone
Concen: 90.883 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

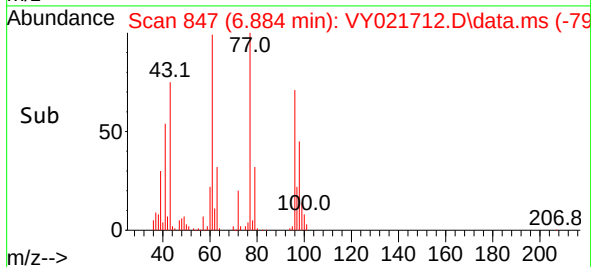
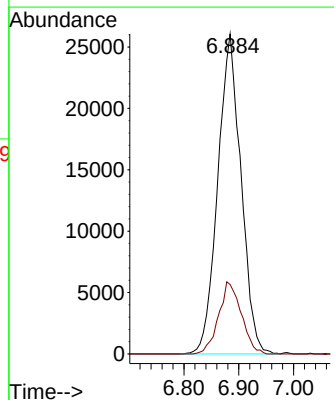
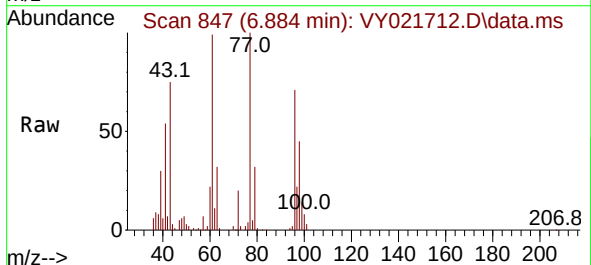
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

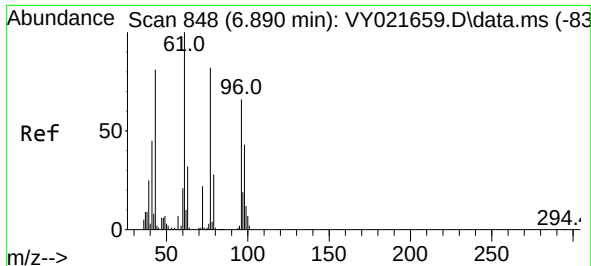
Tgt Ion: 43 Resp: 60441
Ion Ratio Lower Upper
43 100
72 26.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.575 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 77 Resp: 76700
Ion Ratio Lower Upper
77 100
97 22.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.566 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

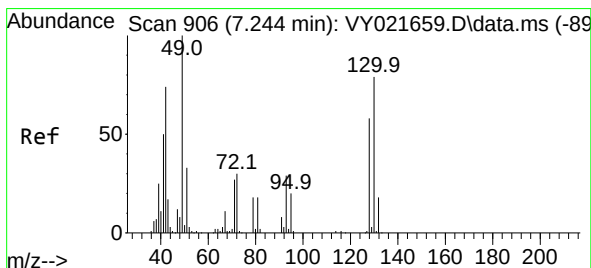
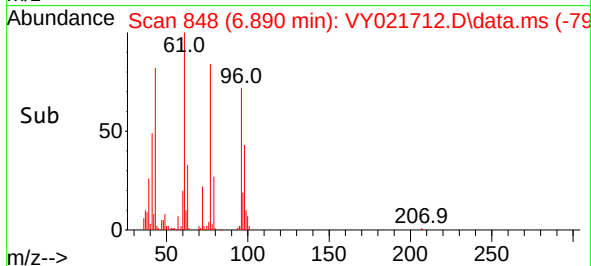
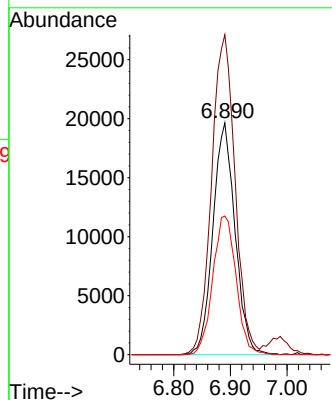
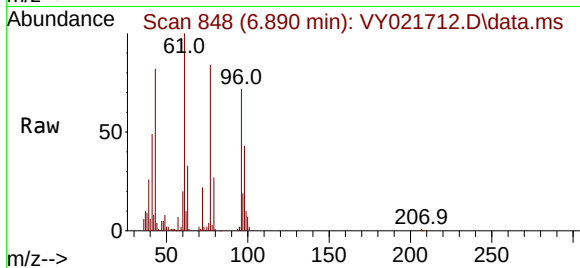
Tgt Ion: 96 Resp: 53359

Ion Ratio Lower Upper

96 100

61 145.7 0.0 296.4

98 62.9 0.0 128.0



#28

Bromochloromethane

Concen: 19.568 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

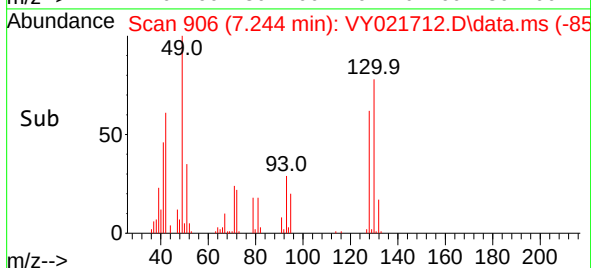
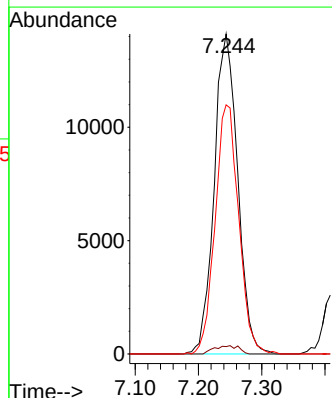
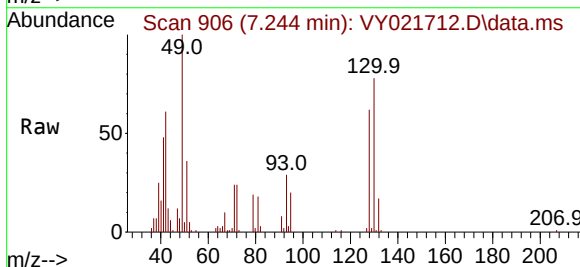
Tgt Ion: 49 Resp: 36351

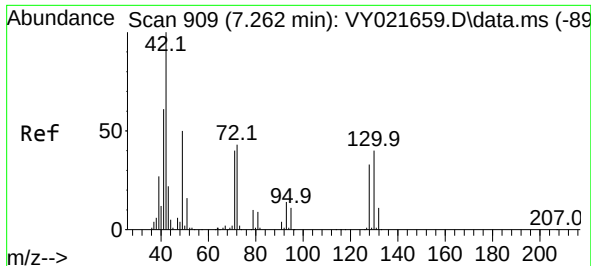
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.4

130 78.2 60.1 90.1

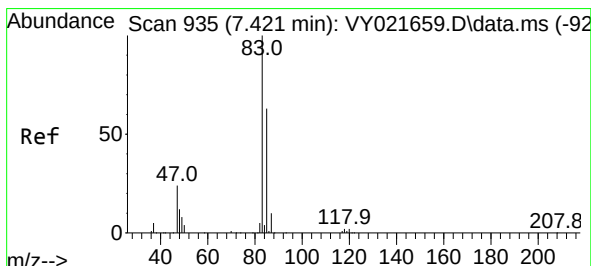
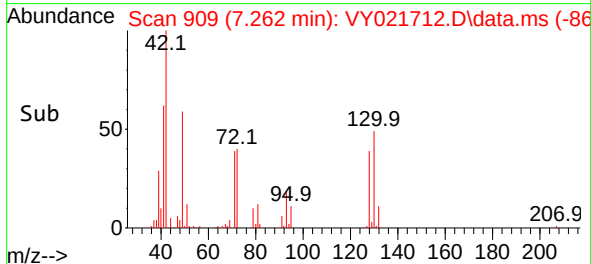
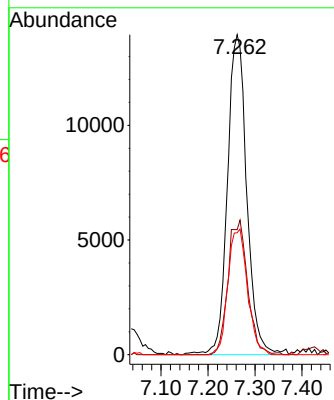
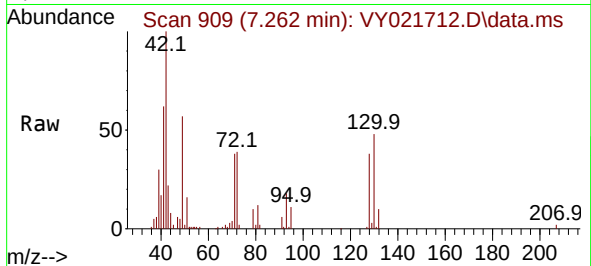




#29
Tetrahydrofuran
Concen: 92.997 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

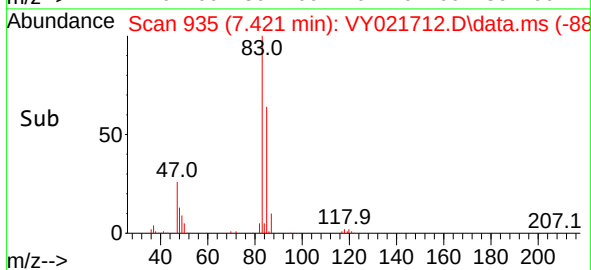
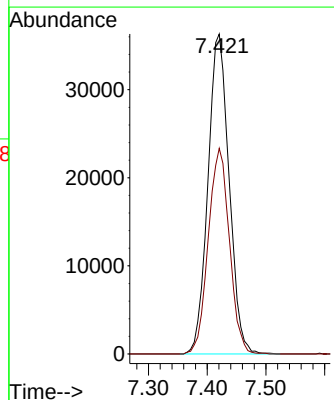
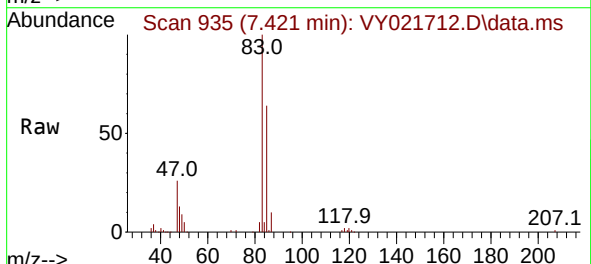
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

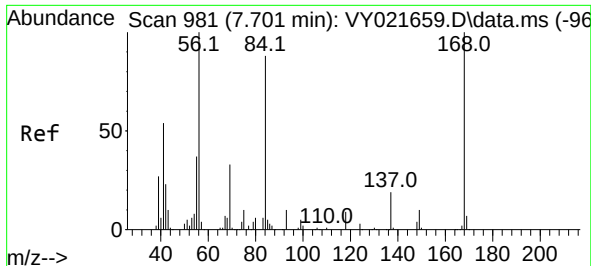
Tgt Ion: 42 Resp: 39804
Ion Ratio Lower Upper
42 100
72 42.7 34.6 52.0
71 39.7 32.5 48.7



#30
Chloroform
Concen: 19.814 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 83 Resp: 90776
Ion Ratio Lower Upper
83 100
85 64.2 50.6 75.8

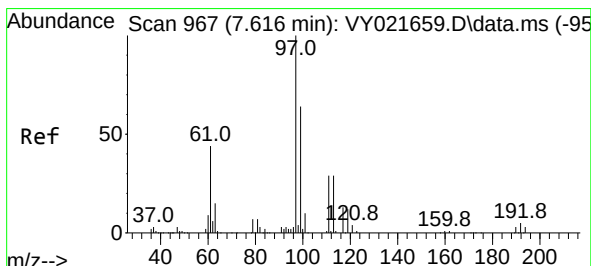
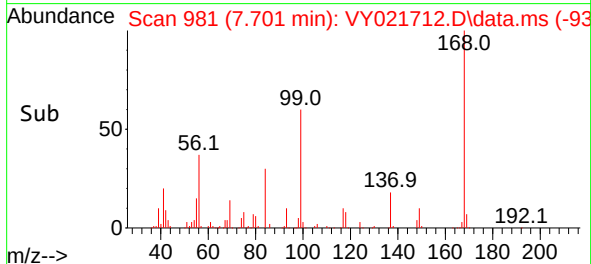
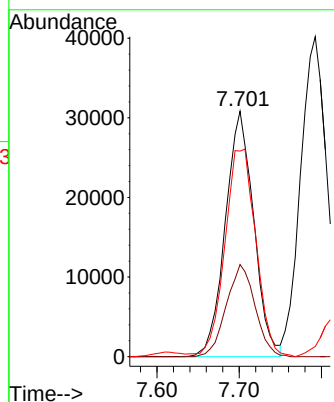
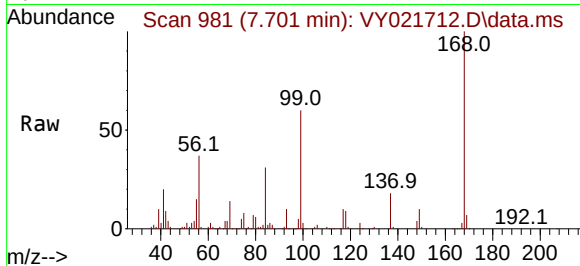




#31
Cyclohexane
Concen: 18.450 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

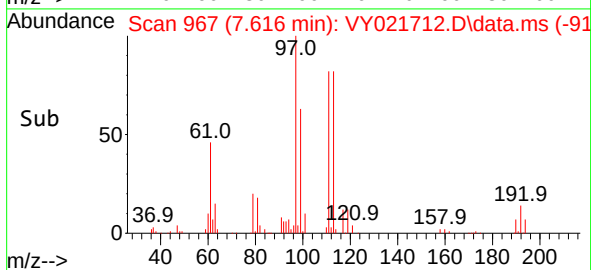
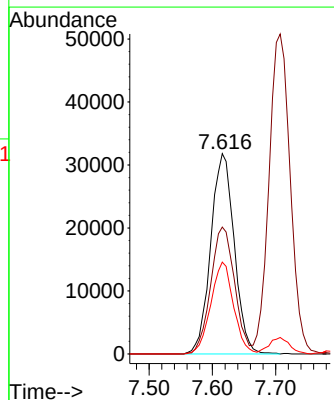
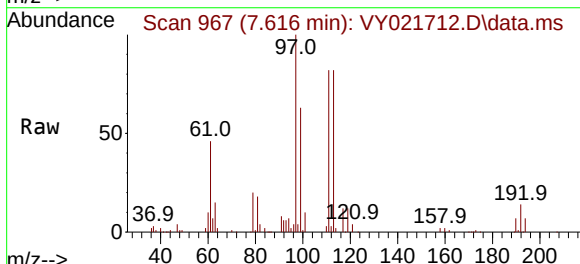
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

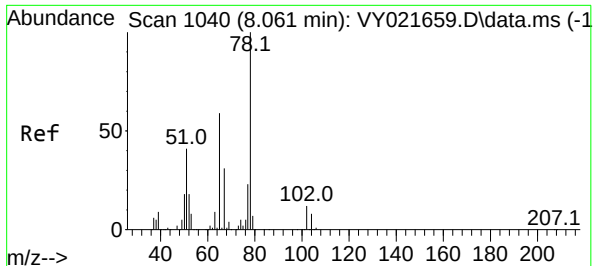
Tgt Ion: 56 Resp: 74083
Ion Ratio Lower Upper
56 100
69 37.5 26.6 40.0
84 82.4 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.813 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 97 Resp: 82041
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 44.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.348 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

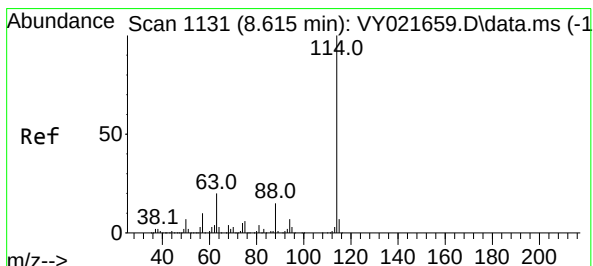
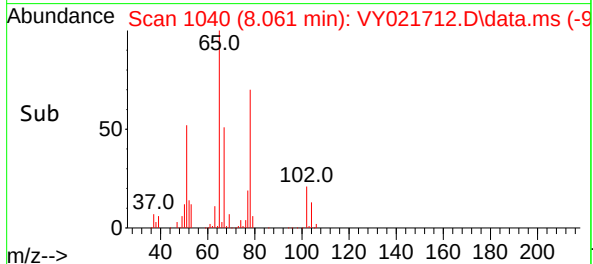
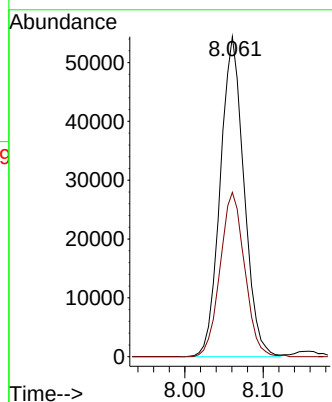
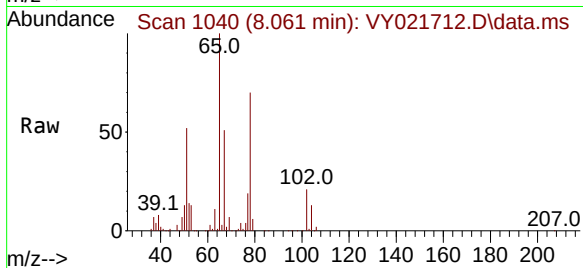
VY0331SBS01

Tgt Ion: 65 Resp: 114544

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

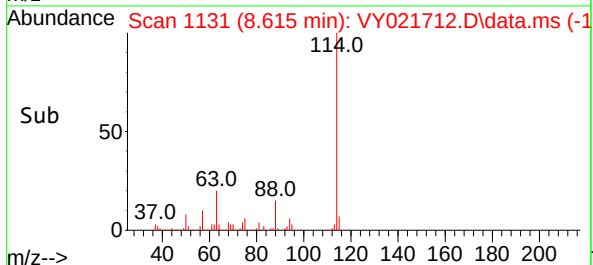
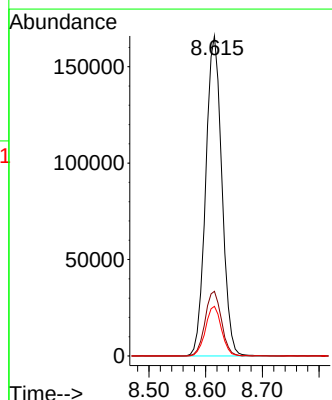
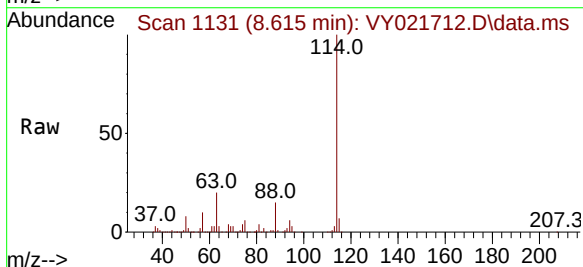
Tgt Ion: 114 Resp: 327567

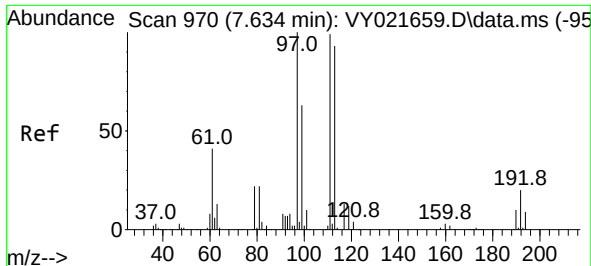
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 15.5 0.0 29.8

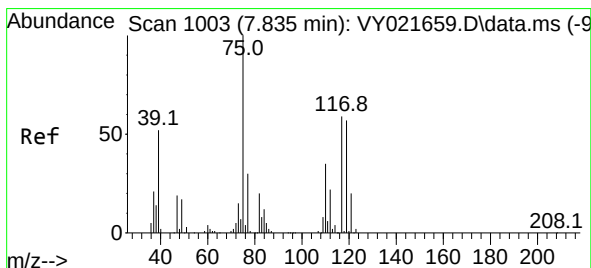
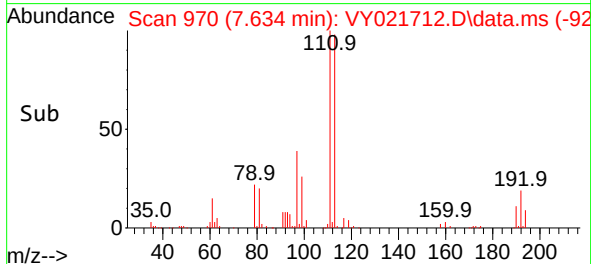
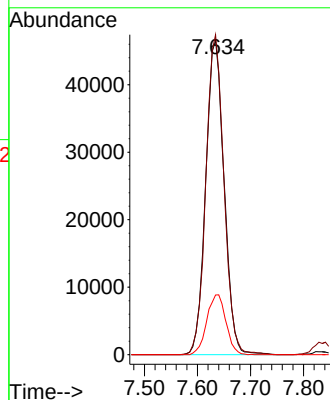
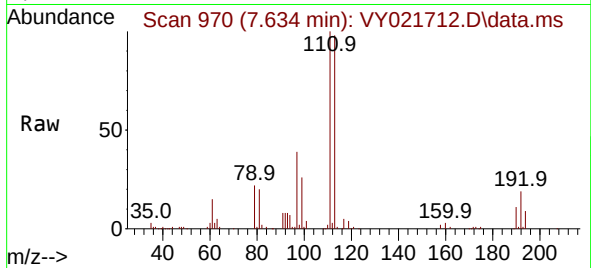




#35
Dibromofluoromethane
Concen: 52.712 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

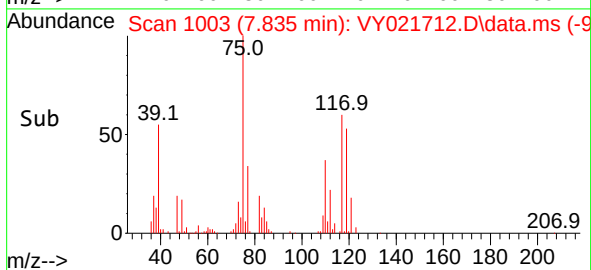
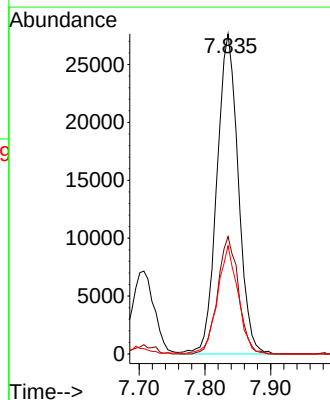
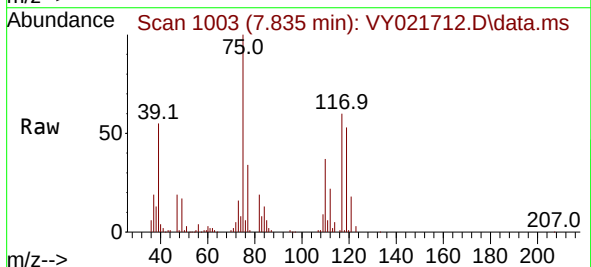
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

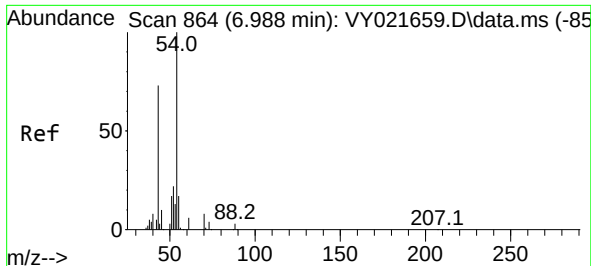
Tgt Ion:113 Resp: 112006
Ion Ratio Lower Upper
113 100
111 100.0 82.6 123.8
192 19.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.328 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 75 Resp: 62556
Ion Ratio Lower Upper
75 100
110 35.8 17.0 50.9
77 32.7 24.8 37.2





#37

Ethyl Acetate

Concen: 18.684 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

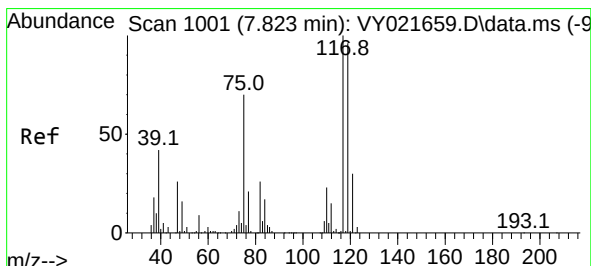
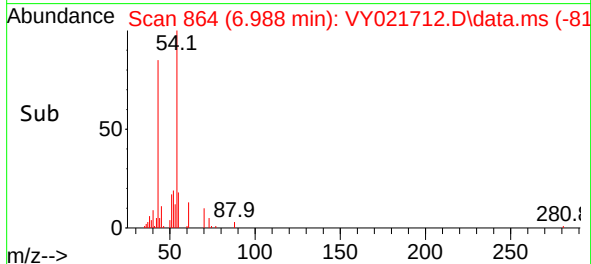
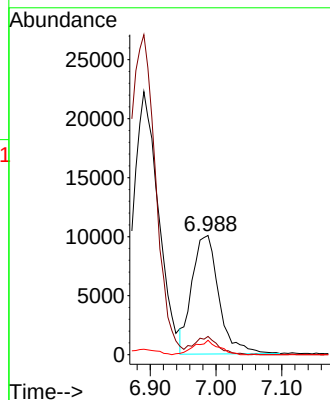
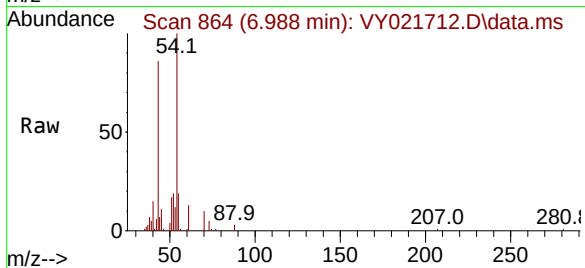
Tgt Ion: 43 Resp: 28539

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.6

70 10.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.012 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

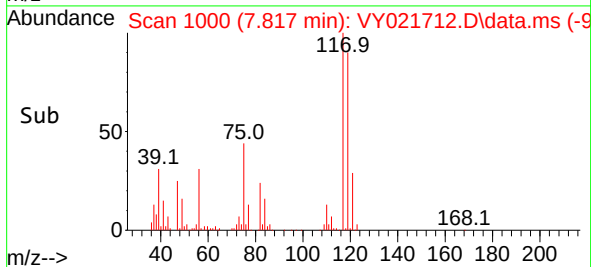
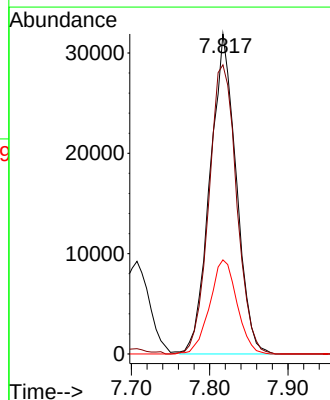
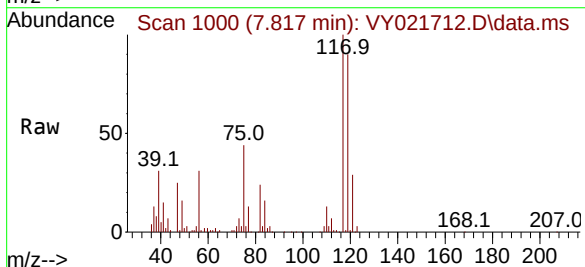
Tgt Ion: 117 Resp: 74182

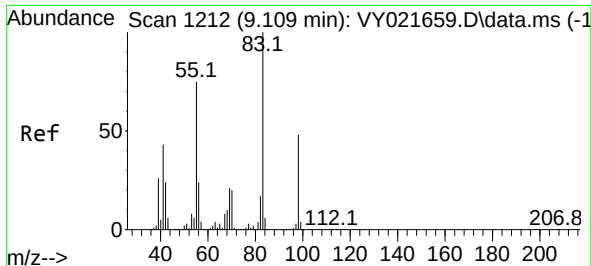
Ion Ratio Lower Upper

117 100

119 90.3 76.2 114.4

121 29.4 24.2 36.4





#39

Methylcyclohexane

Concen: 18.838 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

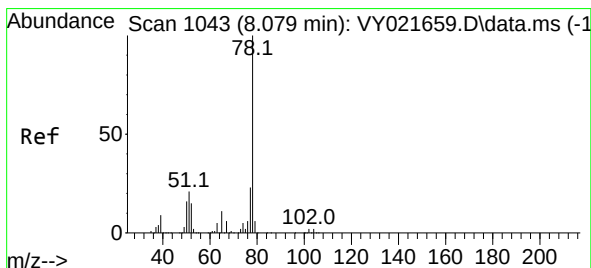
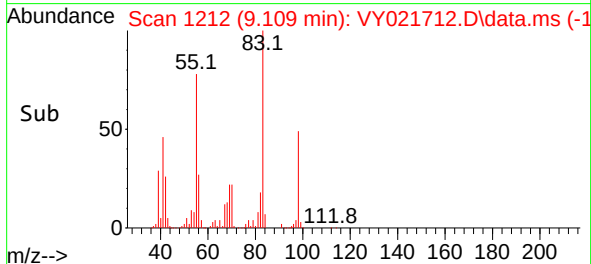
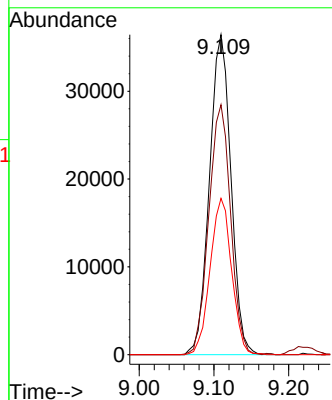
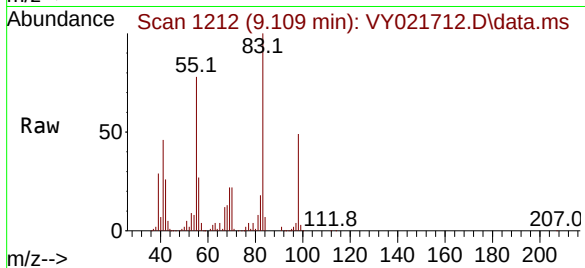
Tgt Ion: 83 Resp: 72833

Ion Ratio Lower Upper

83 100

55 78.1 59.7 89.5

98 48.8 38.3 57.5



#40

Benzene

Concen: 19.770 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021712.D

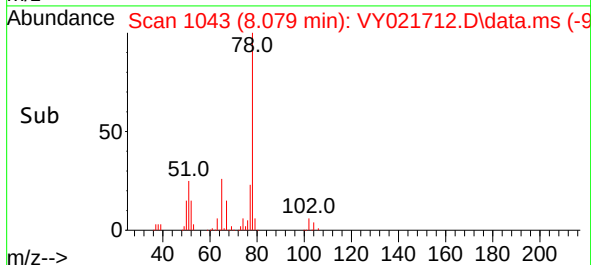
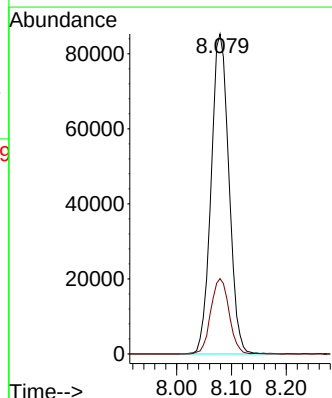
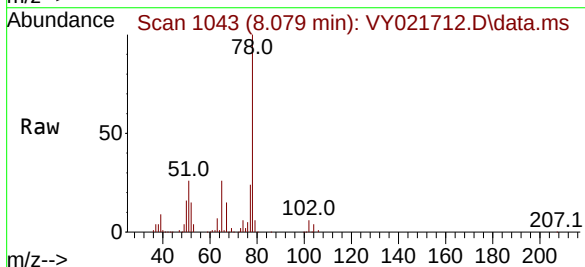
Acq: 31 Mar 2025 11:43

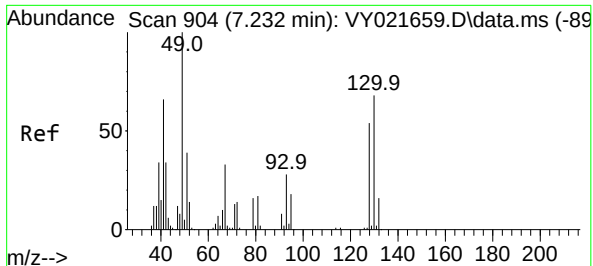
Tgt Ion: 78 Resp: 191618

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

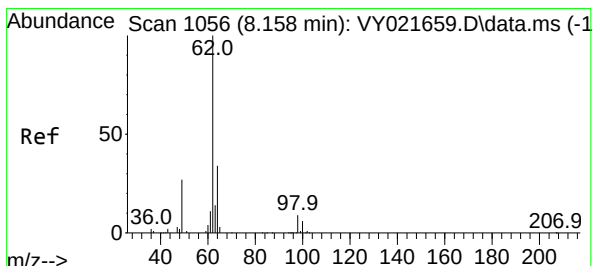
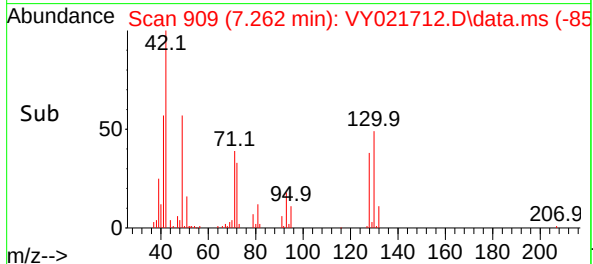
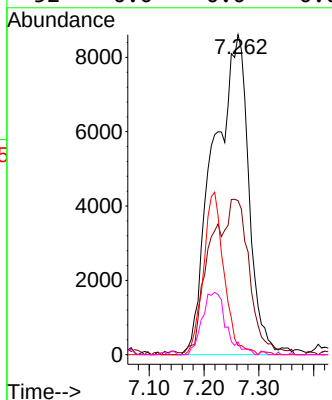
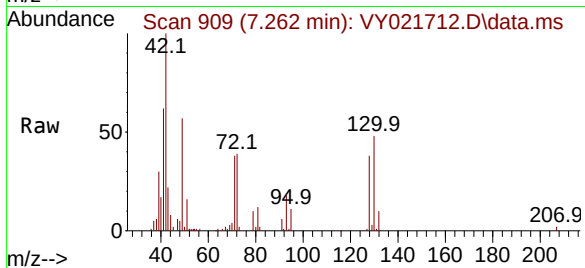




#41
Methacrylonitrile
Concen: 47.320 ug/l
RT: 7.262 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

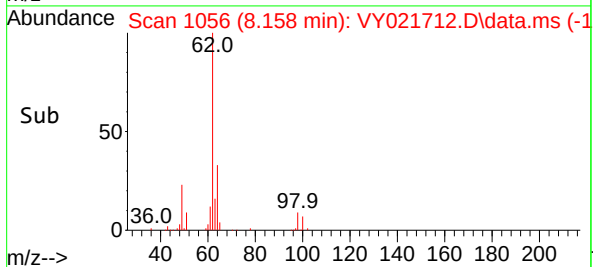
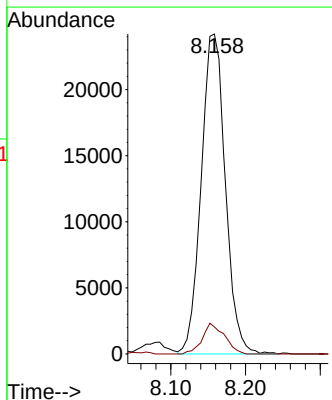
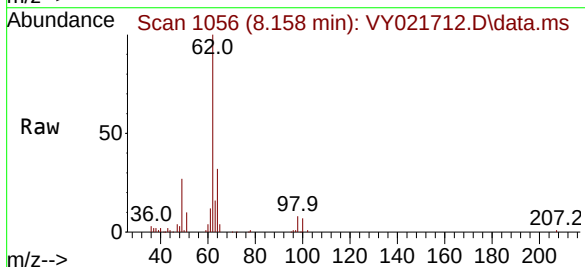
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

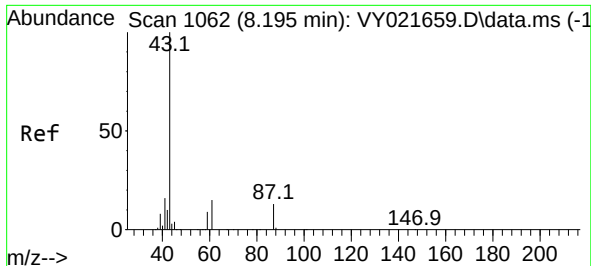
Tgt Ion:	41	Resp:	38385
Ion	Ratio	Lower	Upper
41	100		
39	30.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.879 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion:	62	Resp:	54319
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.4

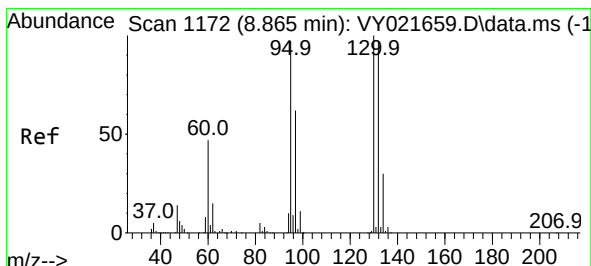
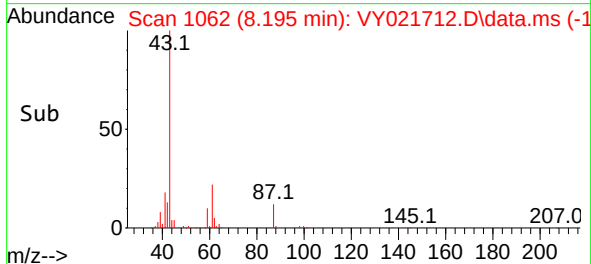
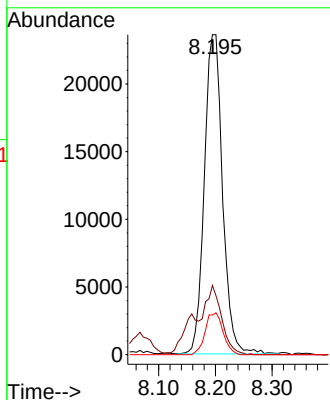
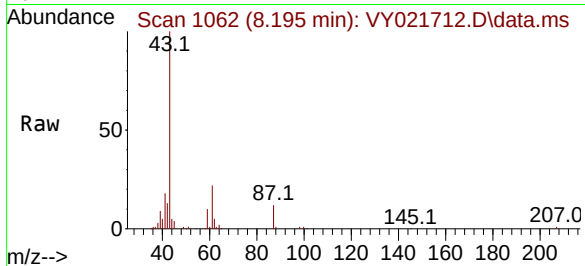




#43
Isopropyl Acetate
Concen: 18.214 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

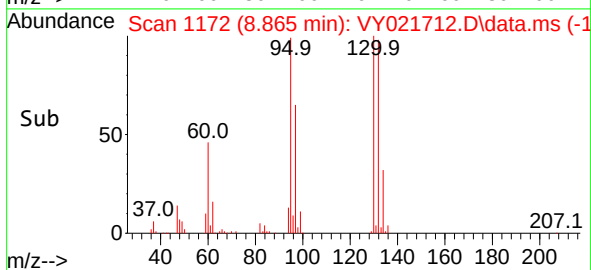
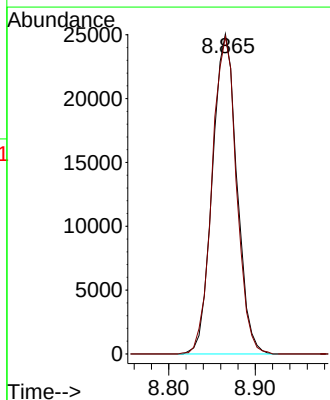
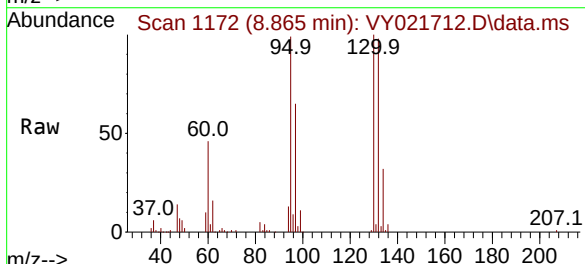
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

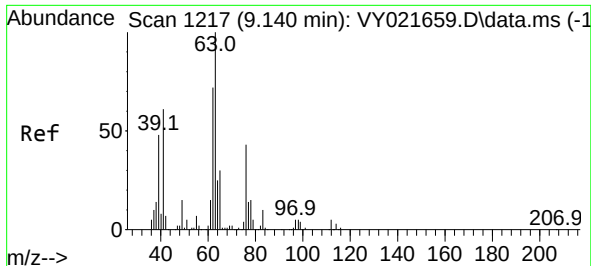
Tgt Ion: 43 Resp: 52723
Ion Ratio Lower Upper
43 100
61 20.3 15.9 23.9
87 12.8 10.4 15.6



#44
Trichloroethene
Concen: 19.900 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion:130 Resp: 49144
Ion Ratio Lower Upper
130 100
95 99.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.271 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

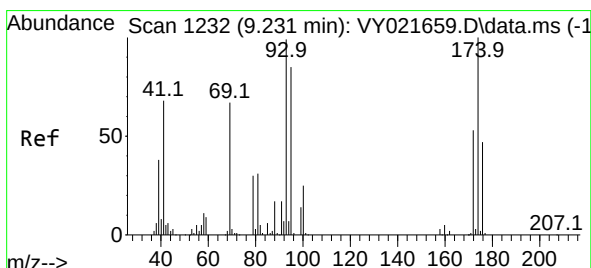
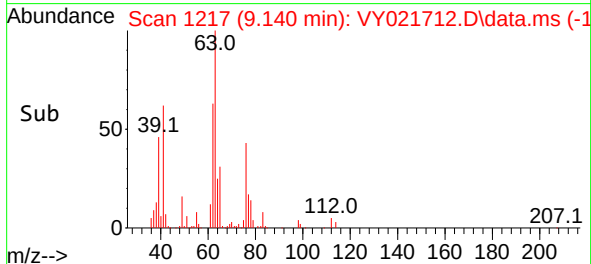
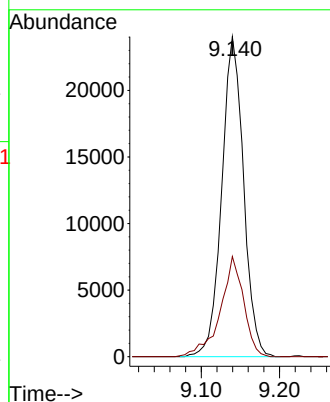
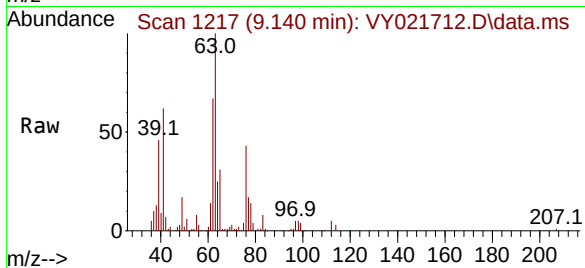
VY0331SBS01

Tgt Ion: 63 Resp: 46508

Ion Ratio Lower Upper

63 100

65 31.3 24.4 36.6



#46

Dibromomethane

Concen: 19.863 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

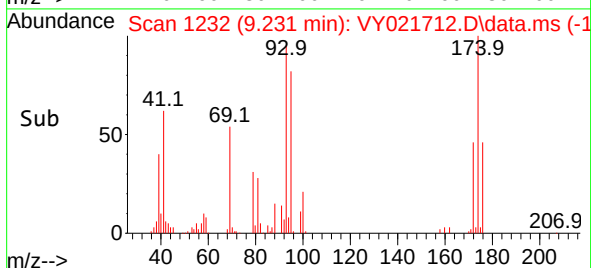
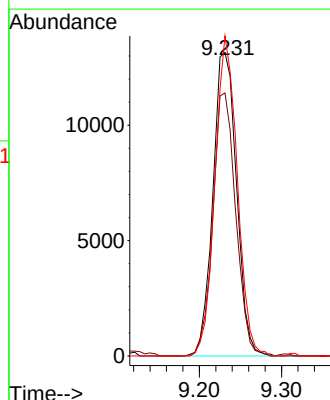
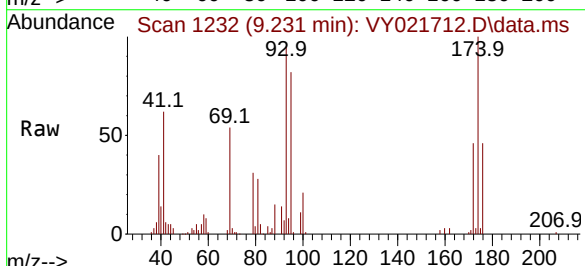
Tgt Ion: 93 Resp: 26264

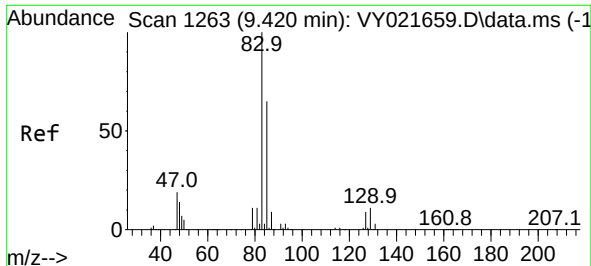
Ion Ratio Lower Upper

93 100

95 84.0 68.1 102.1

174 99.5 80.9 121.3

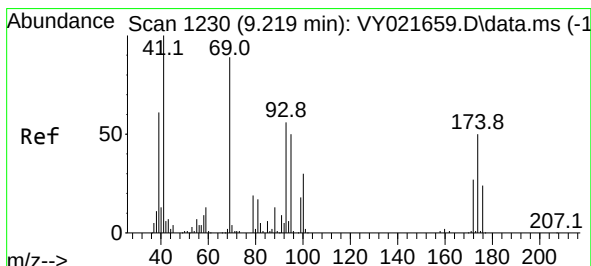
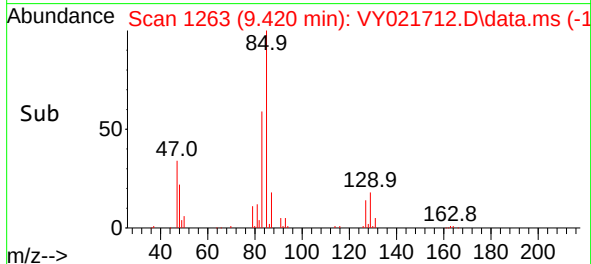
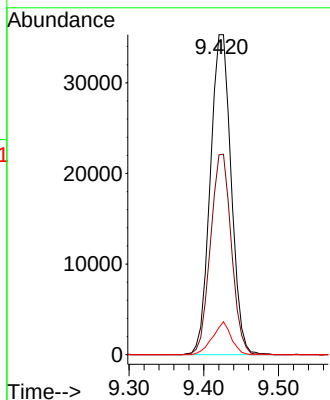
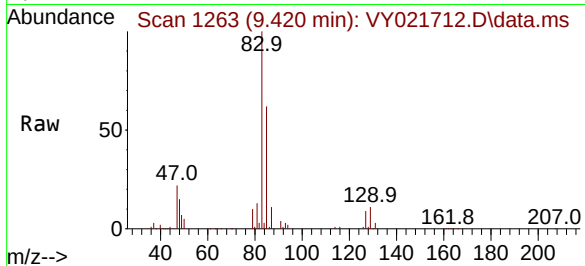




#47
Bromodichloromethane
Concen: 19.980 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

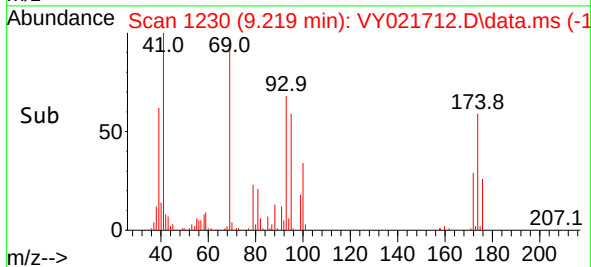
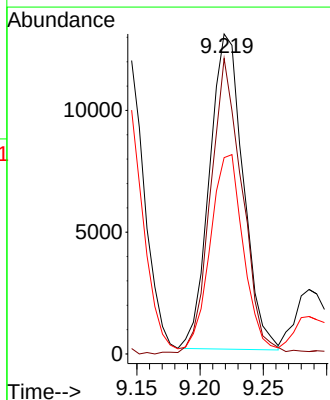
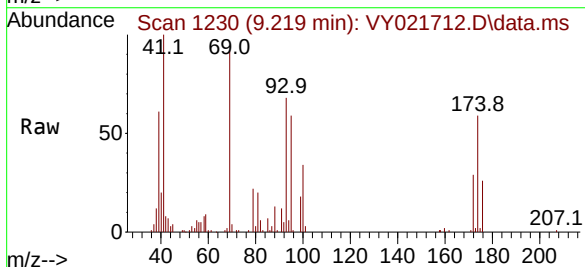
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

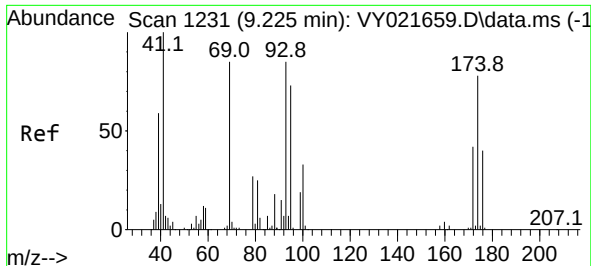
Tgt Ion: 83 Resp: 68455
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.6
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 18.043 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 41 Resp: 23970
Ion Ratio Lower Upper
41 100
69 89.1 69.8 104.8
39 60.2 47.2 70.8

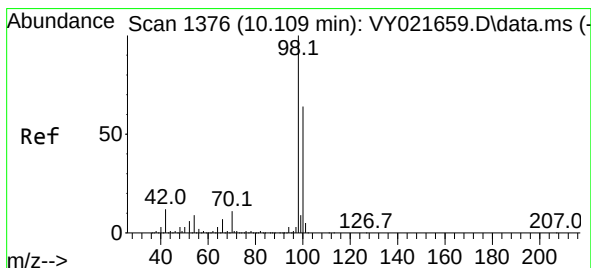
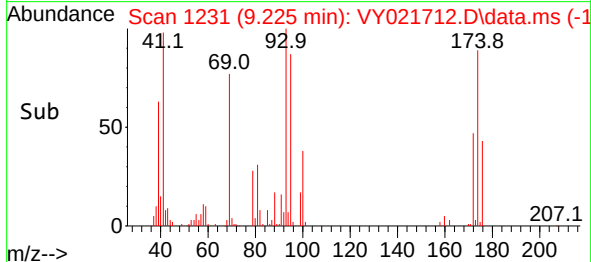
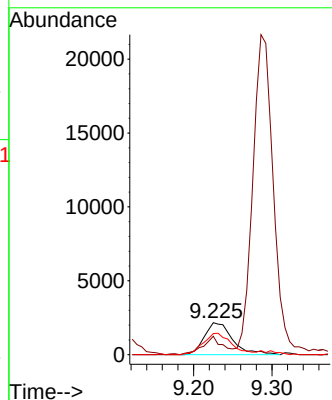
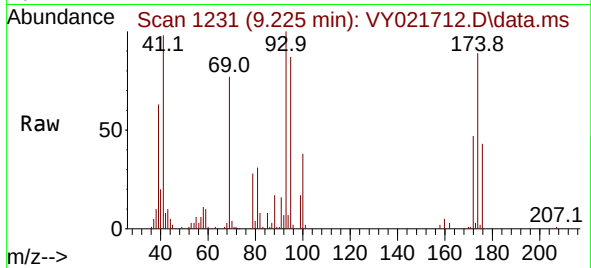




#49
1,4-Dioxane
Concen: 384.406 ug/l
RT: 9.225 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

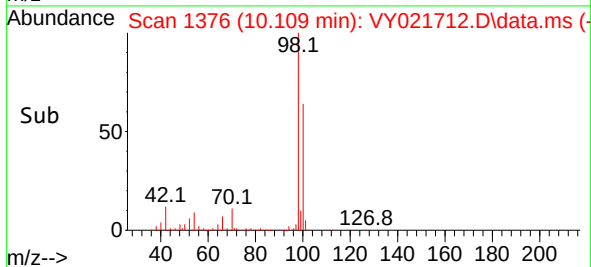
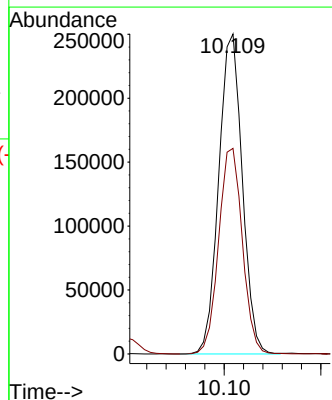
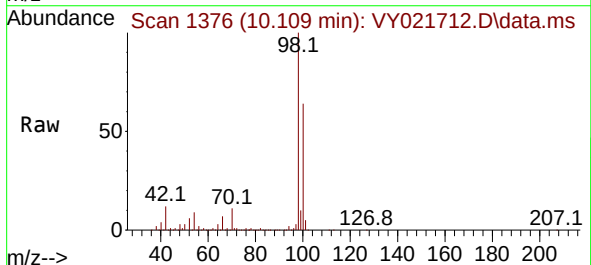
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

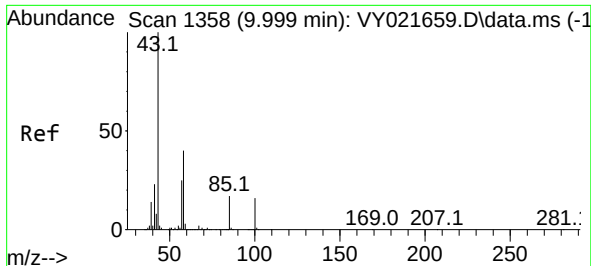
Tgt Ion: 88 Resp: 5445
Ion Ratio Lower Upper
88 100
43 40.3 28.8 43.2
58 67.0 59.4 89.2



#50
Toluene-d8
Concen: 52.196 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 98 Resp: 421935
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 92.043 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

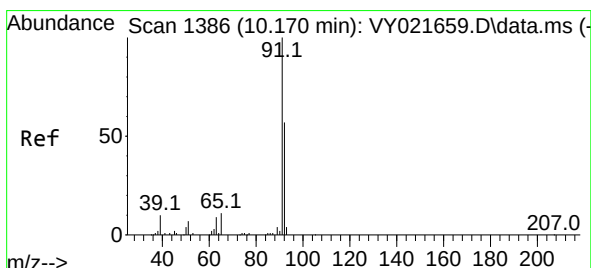
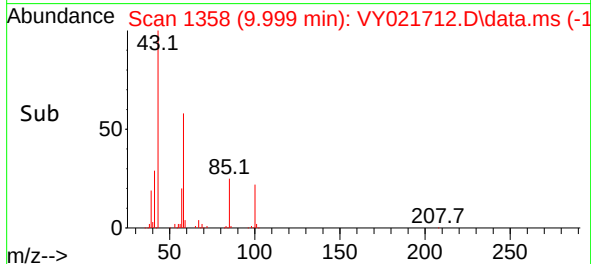
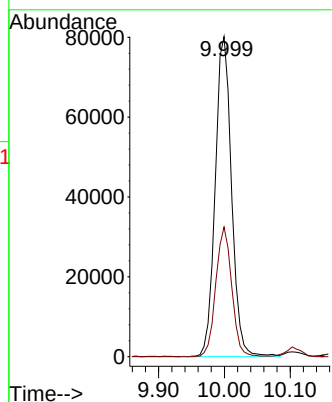
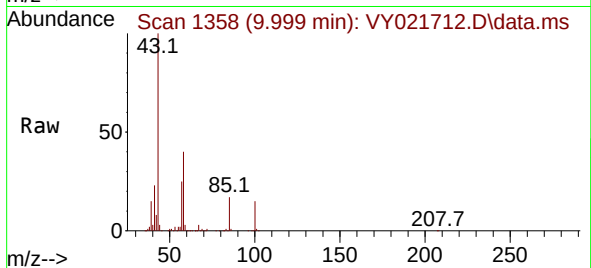
VY0331SBS01

Tgt Ion: 43 Resp: 138649

Ion Ratio Lower Upper

43 100

58 39.5 31.5 47.3



#52

Toluene

Concen: 20.115 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021712.D

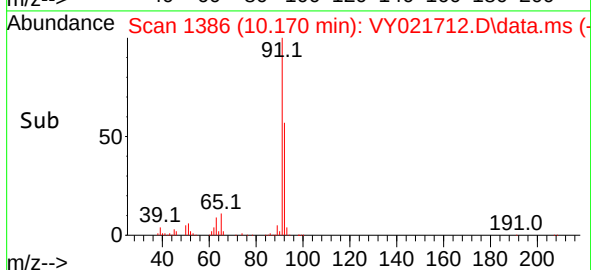
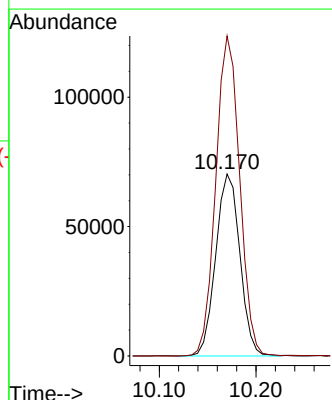
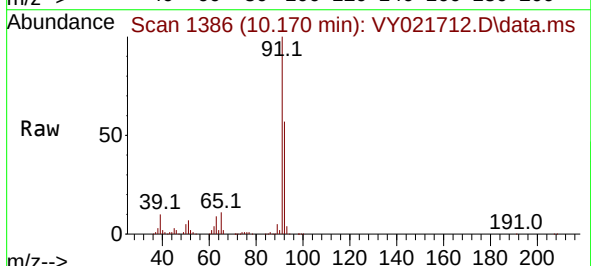
Acq: 31 Mar 2025 11:43

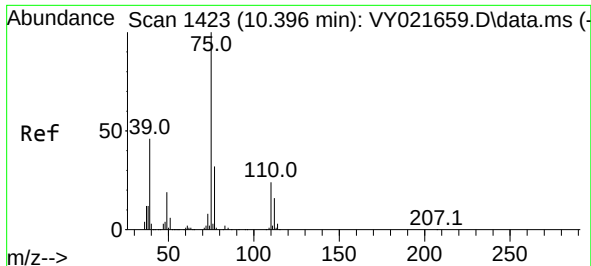
Tgt Ion: 92 Resp: 121643

Ion Ratio Lower Upper

92 100

91 174.8 138.6 207.8

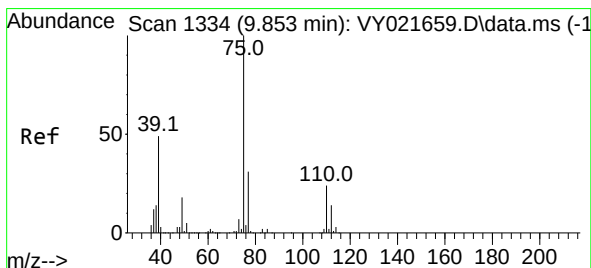
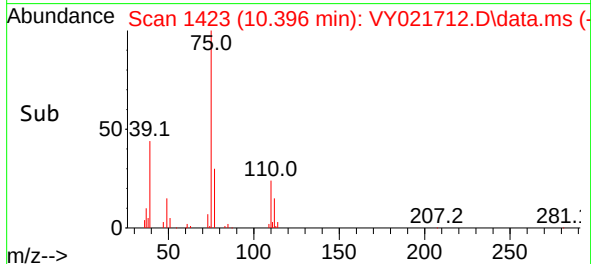
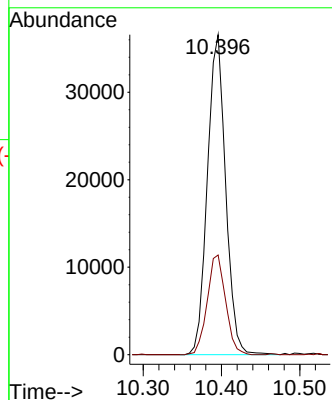
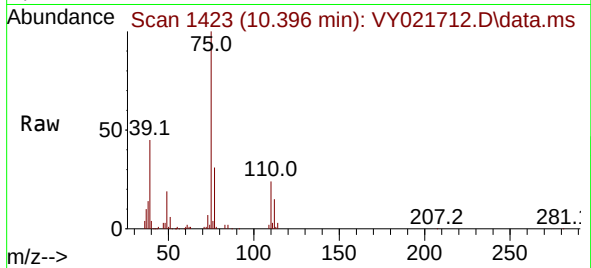




#53
t-1,3-Dichloropropene
Concen: 19.416 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

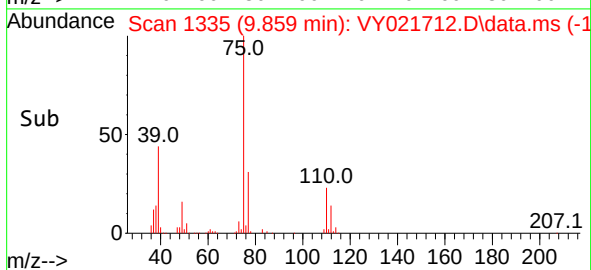
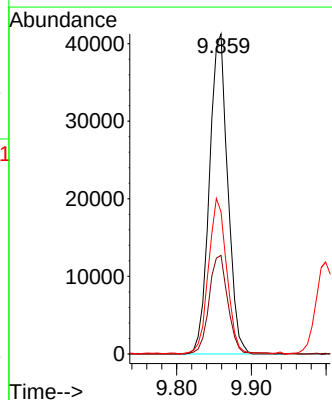
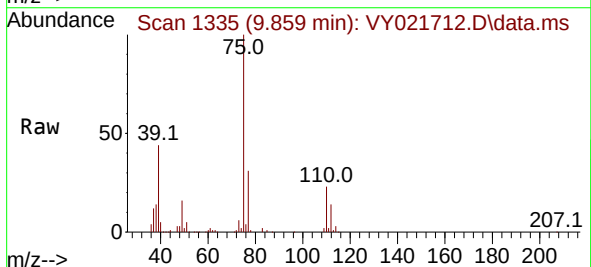
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

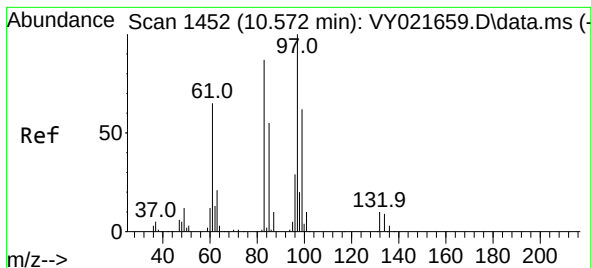
Tgt Ion: 75 Resp: 59086
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.545 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 75 Resp: 70169
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
39 44.4 39.2 58.8

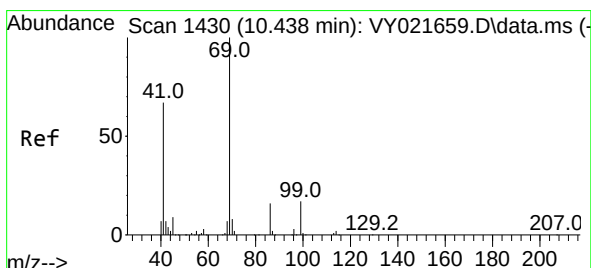
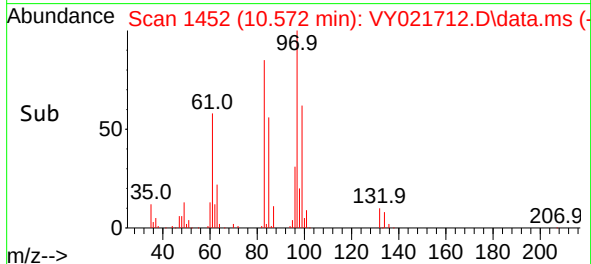
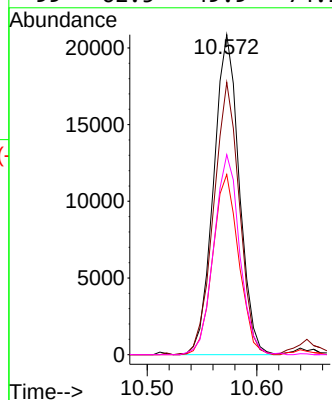
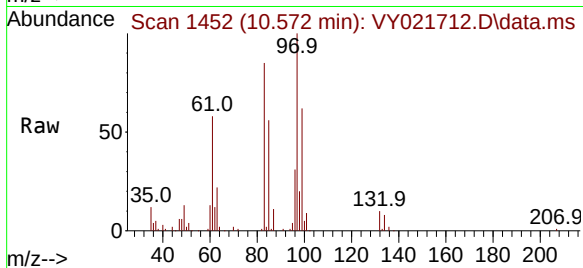




#55
 1,1,2-Trichloroethane
 Concen: 19.946 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021712.D
 Acq: 31 Mar 2025 11:43

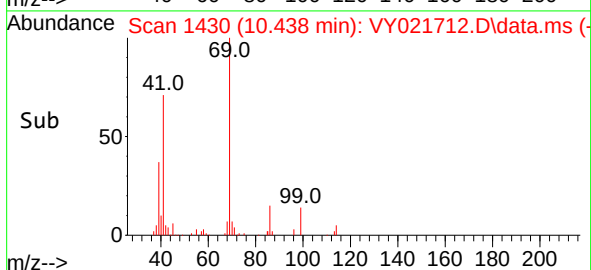
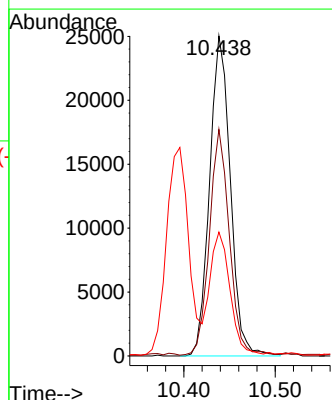
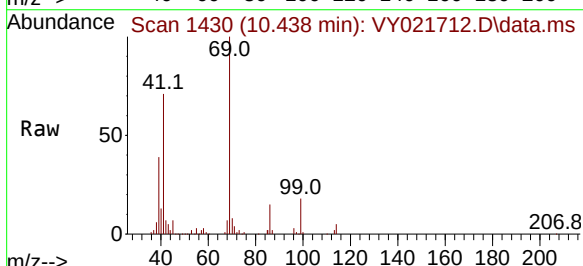
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

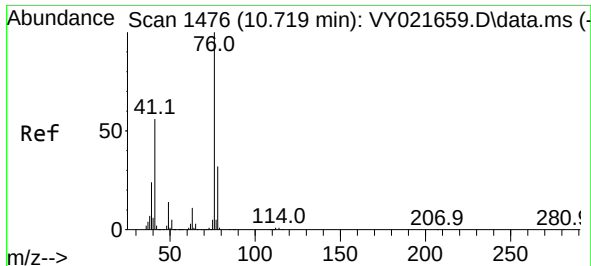
Tgt Ion:	97	Resp:	33939
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.5	104.3
85	56.3	43.9	65.9
99	62.5	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 18.161 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY021712.D
 Acq: 31 Mar 2025 11:43

Tgt Ion:	69	Resp:	39458
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.8	80.6
39	36.4	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.639 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

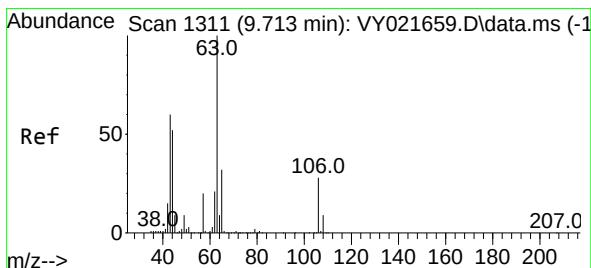
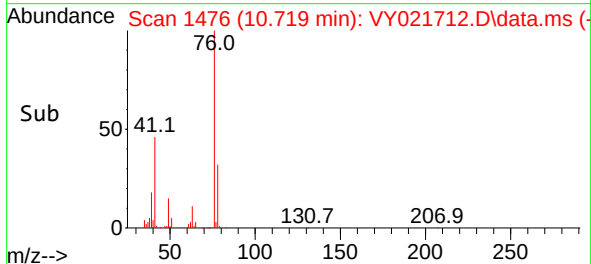
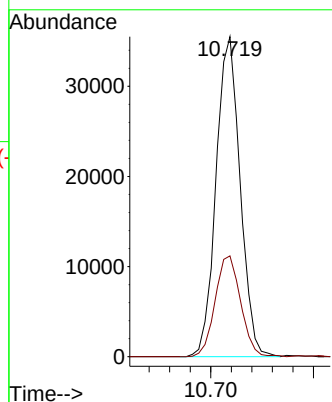
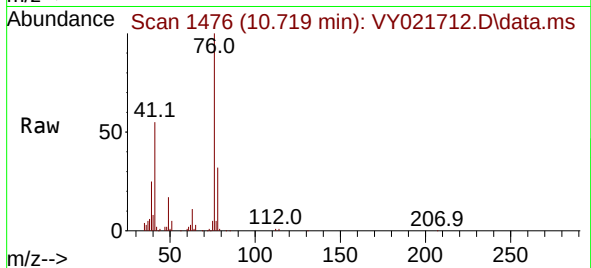
VY0331SBS01

Tgt Ion: 76 Resp: 57715

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.474 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021712.D

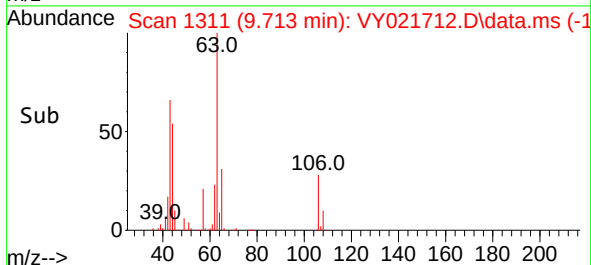
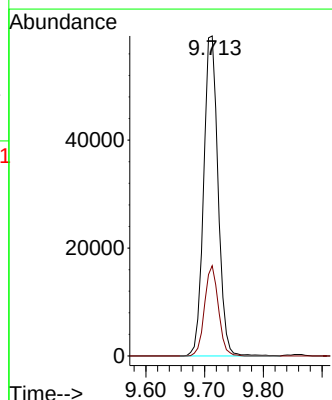
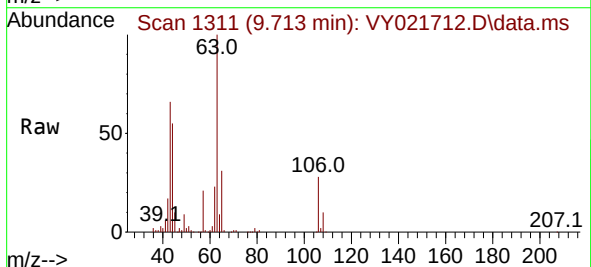
Acq: 31 Mar 2025 11:43

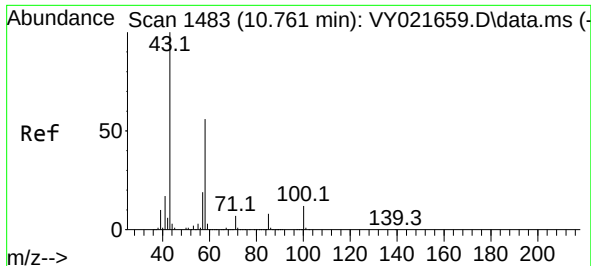
Tgt Ion: 63 Resp: 101196

Ion Ratio Lower Upper

63 100

106 27.0 22.4 33.6

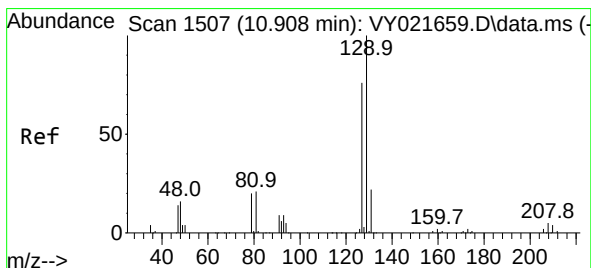
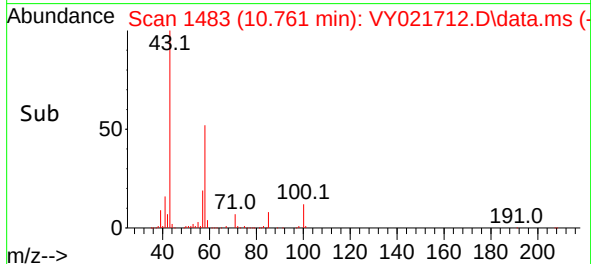
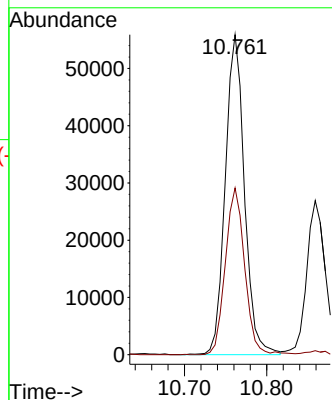
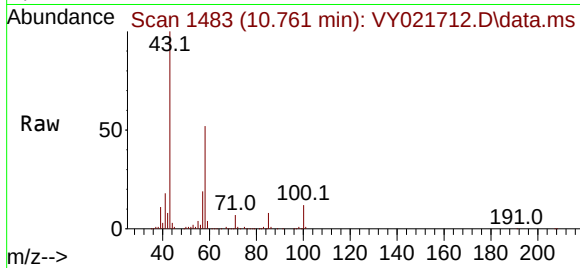




#59
2-Hexanone
Concen: 90.484 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

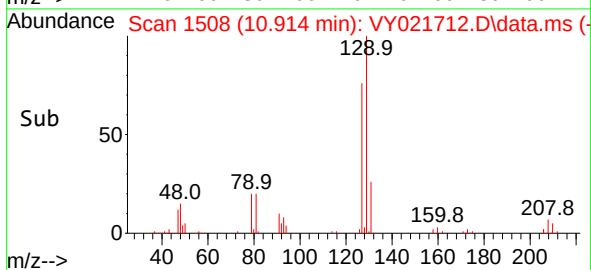
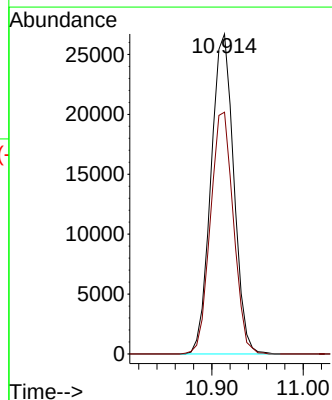
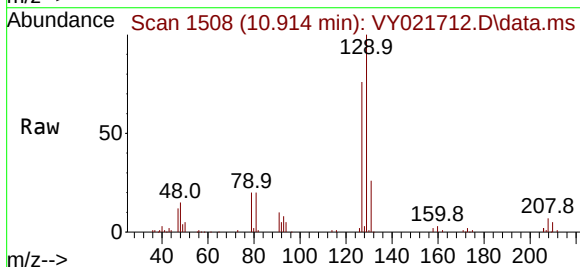
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

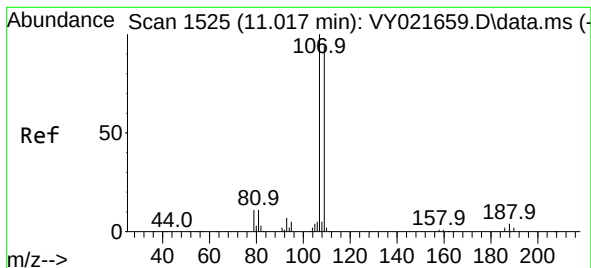
Tgt Ion: 43 Resp: 90774
Ion Ratio Lower Upper
43 100
58 52.7 27.2 81.5



#60
Dibromochloromethane
Concen: 19.905 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 129 Resp: 46243
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.7

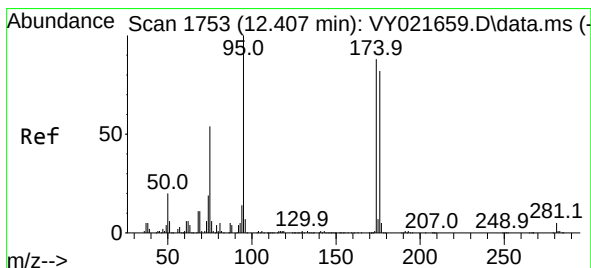
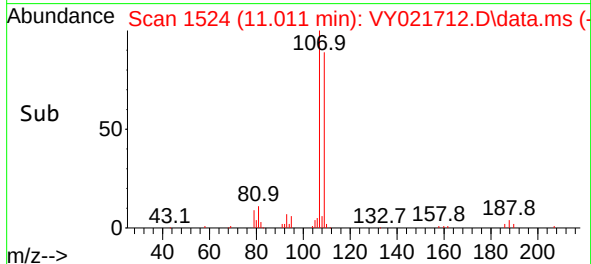
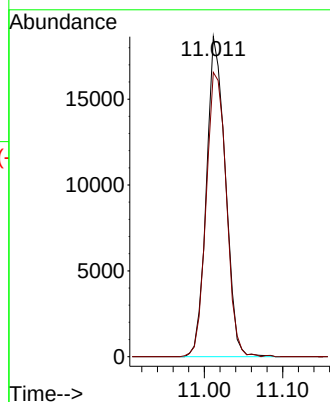
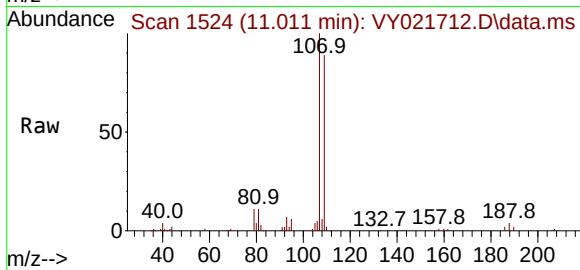




#61
1,2-Dibromoethane
Concen: 19.602 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

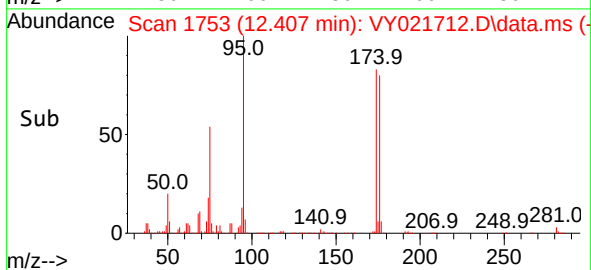
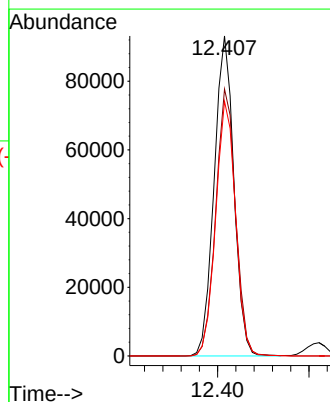
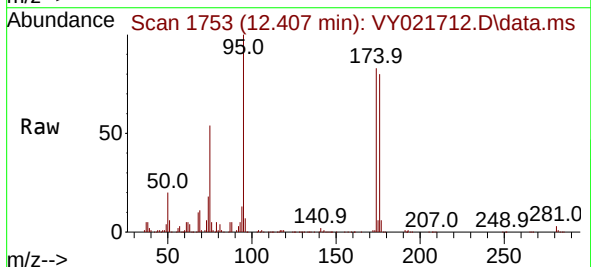
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

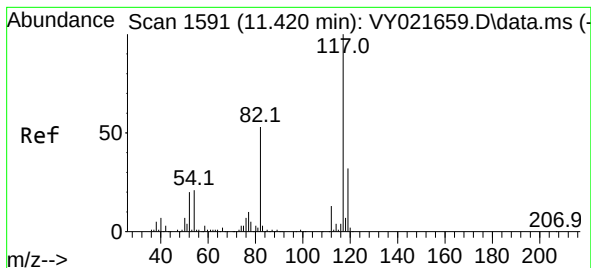
Tgt Ion:107 Resp: 31289
Ion Ratio Lower Upper
107 100
109 94.4 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 51.043 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 95 Resp: 139565
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 80.2 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: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

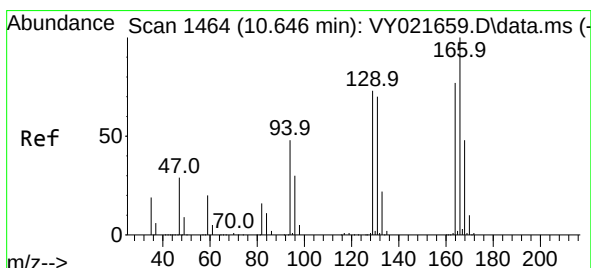
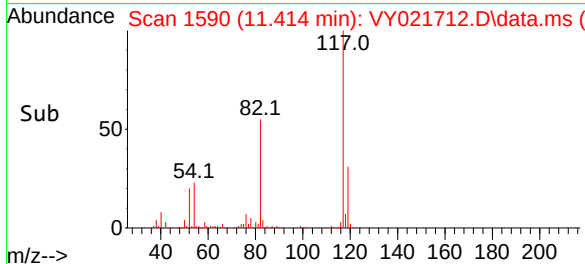
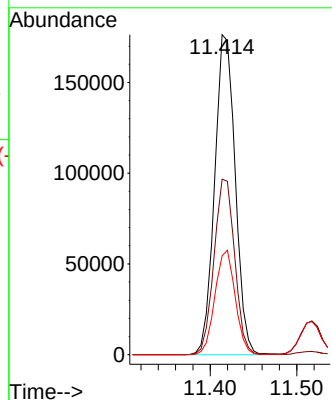
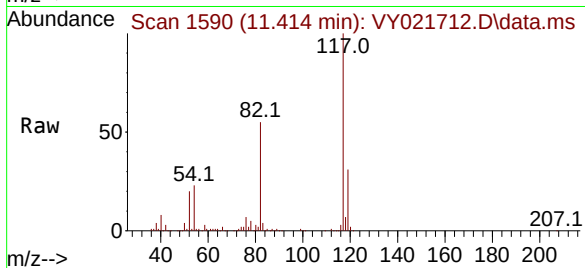
Tgt Ion:117 Resp: 291569

Ion Ratio Lower Upper

117 100

82 54.9 42.8 64.2

119 30.9 25.7 38.5



#64

Tetrachloroethene

Concen: 20.297 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Tgt Ion:164 Resp: 53898

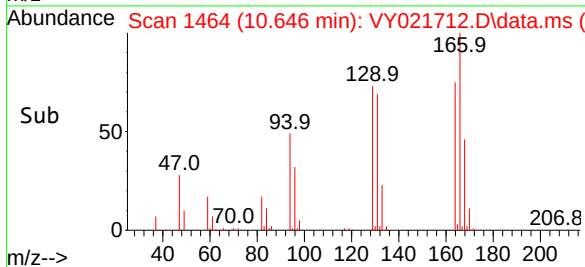
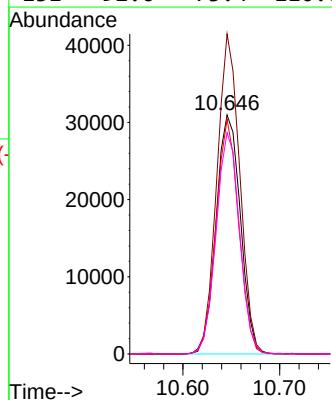
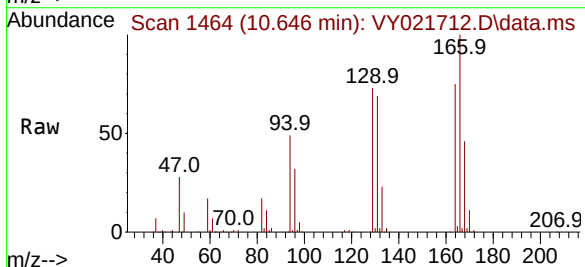
Ion Ratio Lower Upper

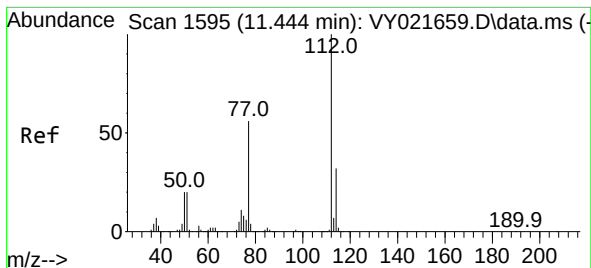
164 100

166 133.9 104.6 156.8

129 98.1 76.6 114.8

131 92.6 73.4 110.0





#65

Chlorobenzene

Concen: 19.481 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

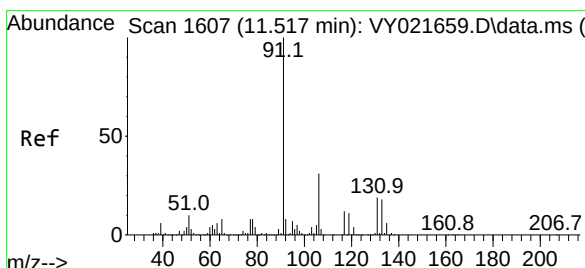
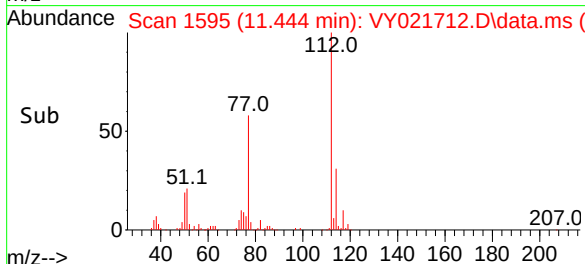
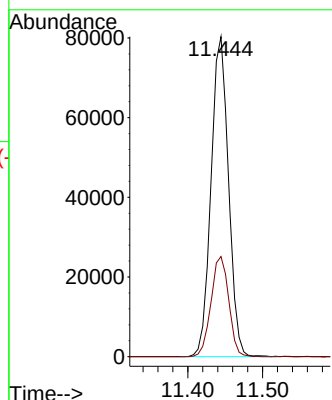
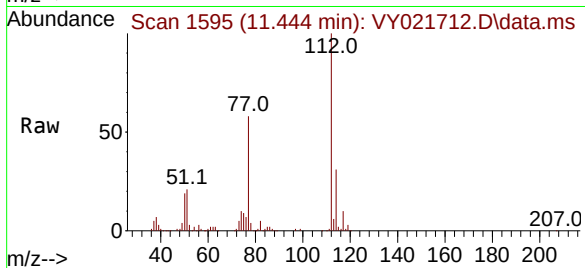
VY0331SBS01

Tgt Ion:112 Resp: 130206

Ion Ratio Lower Upper

112 100

114 31.3 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.709 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

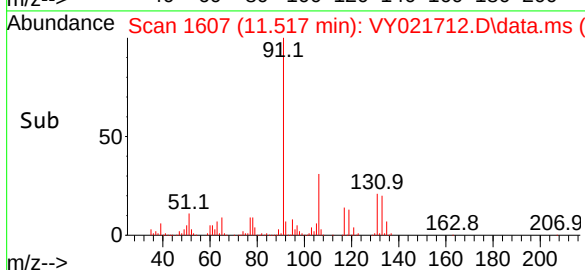
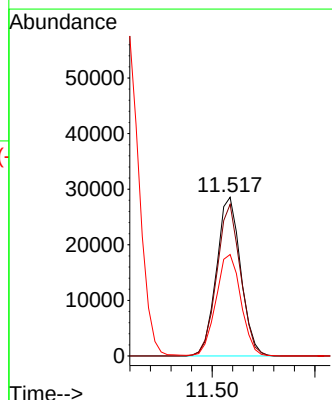
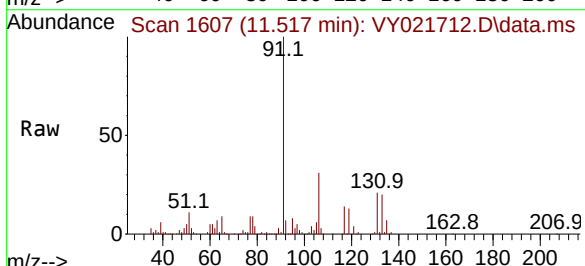
Tgt Ion:131 Resp: 46738

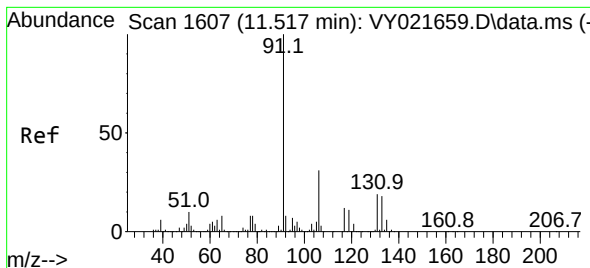
Ion Ratio Lower Upper

131 100

133 93.6 47.3 141.8

119 66.0 31.6 95.0





#67

Ethyl Benzene

Concen: 19.178 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

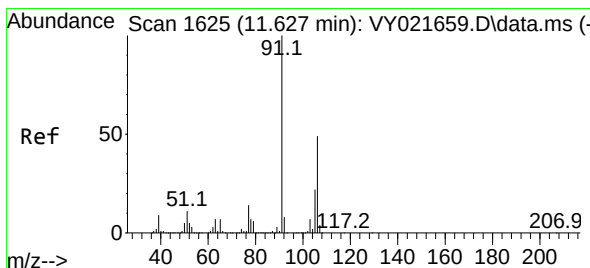
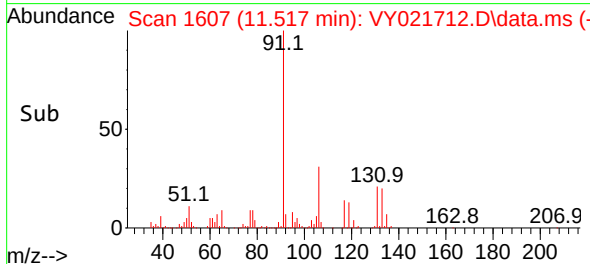
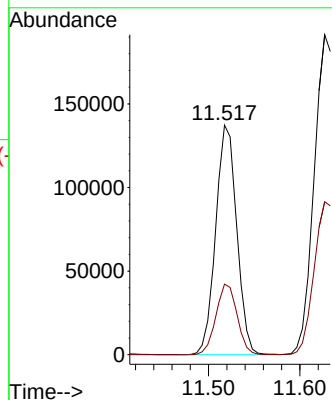
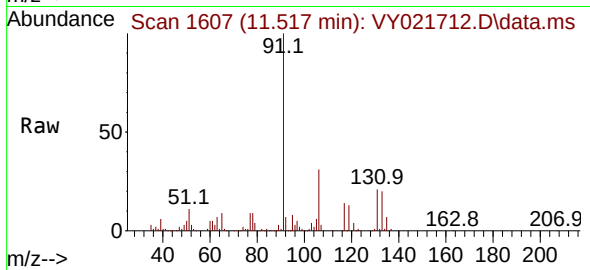
VY0331SBS01

Tgt Ion: 91 Resp: 219797

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 38.930 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021712.D

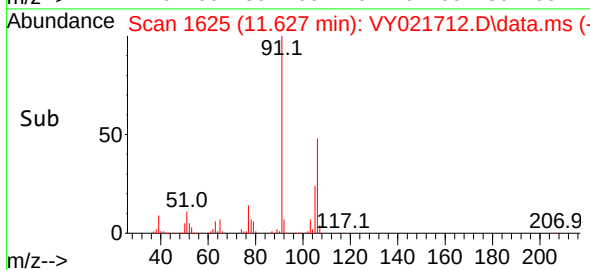
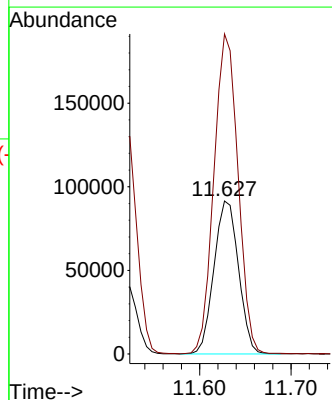
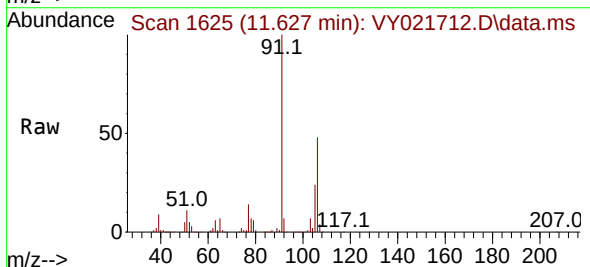
Acq: 31 Mar 2025 11:43

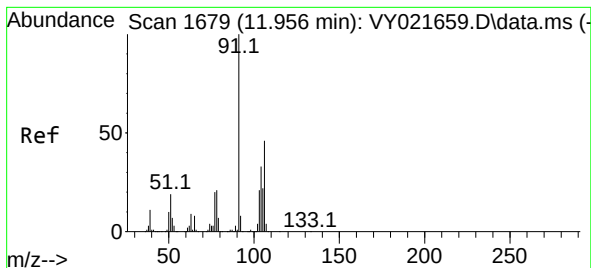
Tgt Ion: 106 Resp: 170854

Ion Ratio Lower Upper

106 100

91 205.1 162.4 243.6





#69

o-Xylene

Concen: 19.197 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

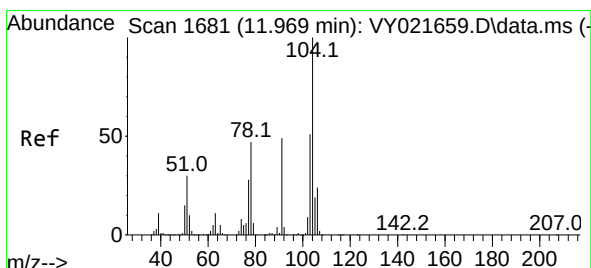
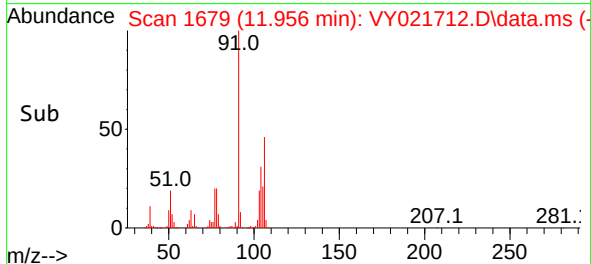
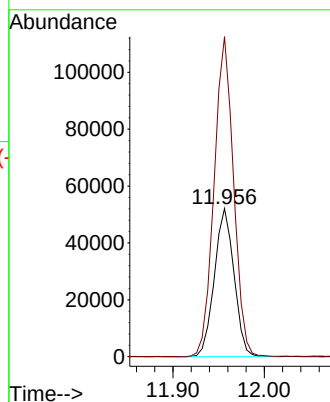
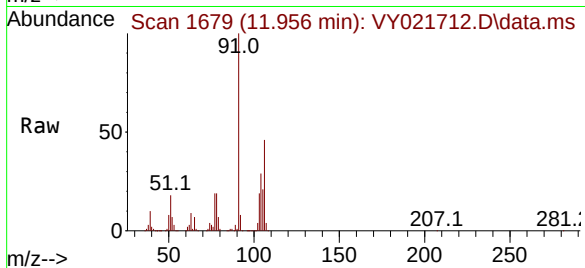
VY0331SBS01

Tgt Ion:106 Resp: 77769

Ion Ratio Lower Upper

106 100

91 214.3 106.7 319.9



#70

Styrene

Concen: 19.694 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

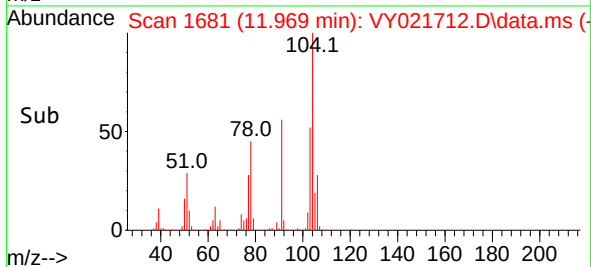
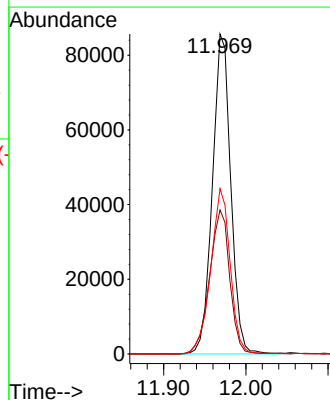
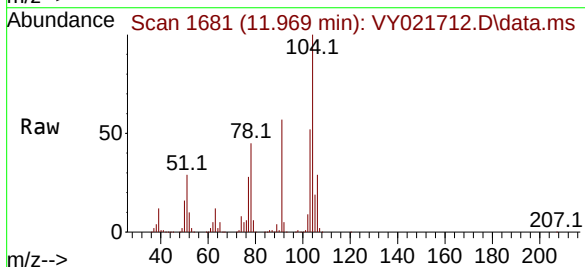
Tgt Ion:104 Resp: 133024

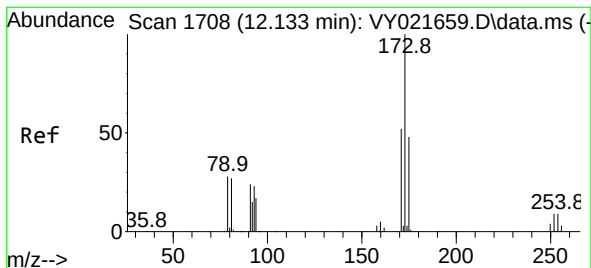
Ion Ratio Lower Upper

104 100

78 49.4 40.8 61.2

103 54.8 44.2 66.2





#71

Bromoform

Concen: 19.974 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

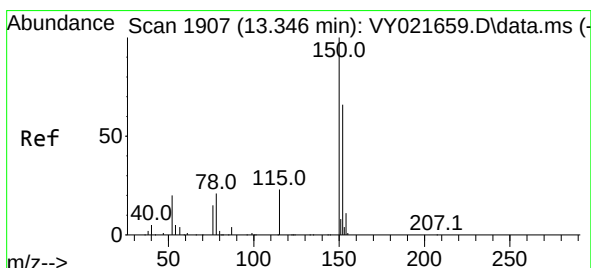
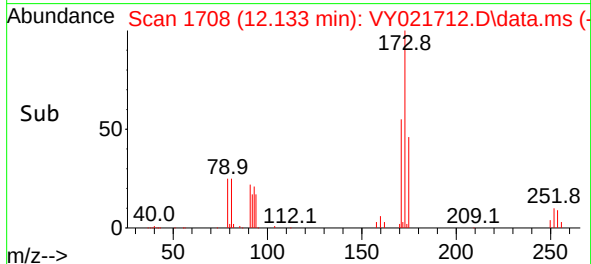
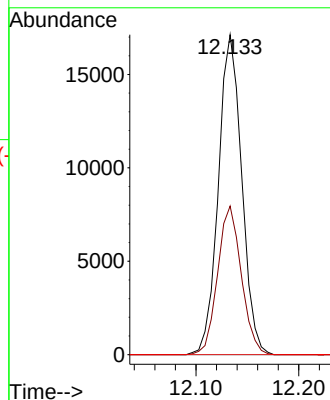
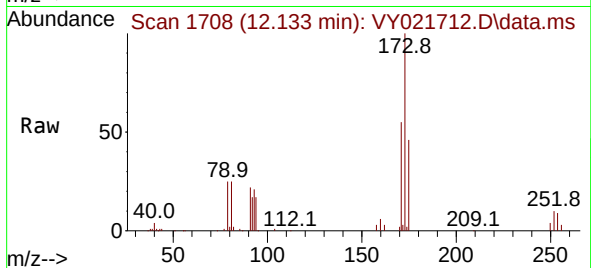
Tgt Ion:173 Resp: 27019

Ion Ratio Lower Upper

173 100

175 47.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

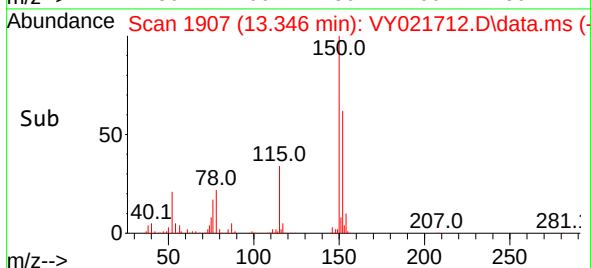
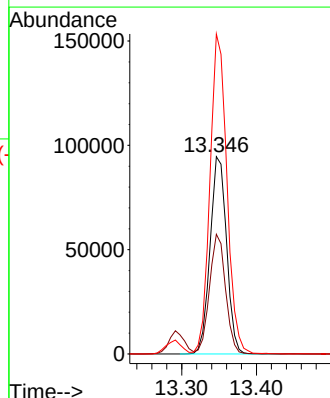
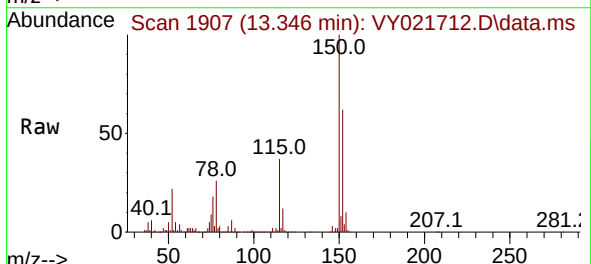
Tgt Ion:152 Resp: 145397

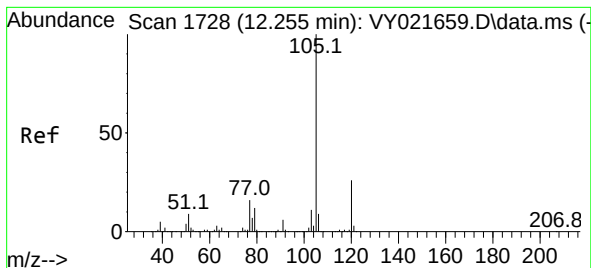
Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 166.5 0.0 348.4





#73

Isopropylbenzene

Concen: 19.380 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

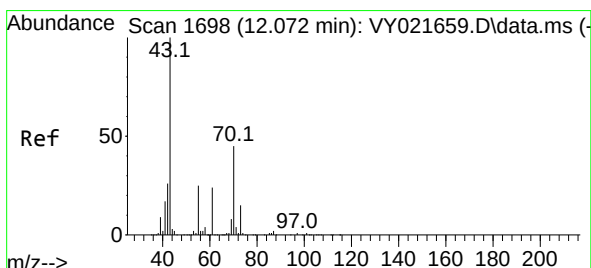
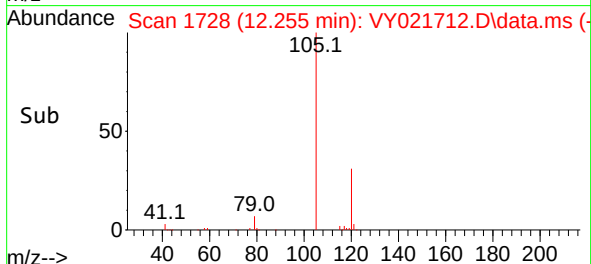
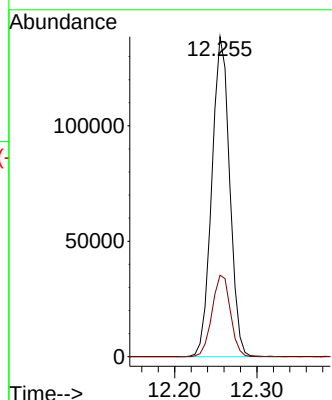
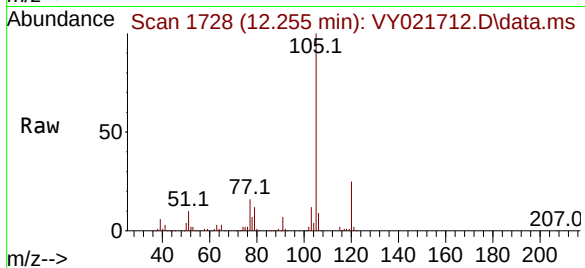
VY0331SBS01

Tgt Ion:105 Resp: 209283

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



#74

N-ethyl acetate

Concen: 17.495 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Tgt Ion: 43 Resp: 44341

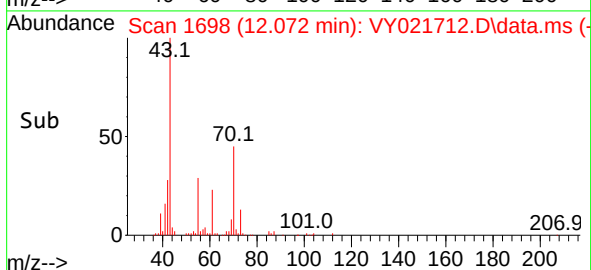
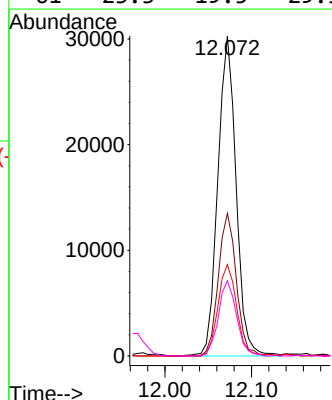
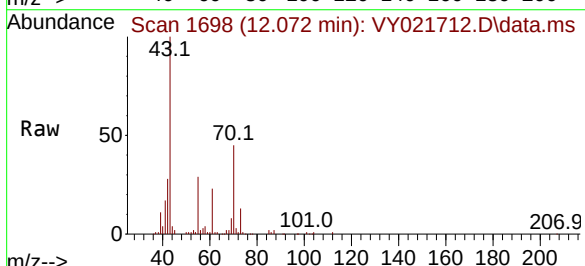
Ion Ratio Lower Upper

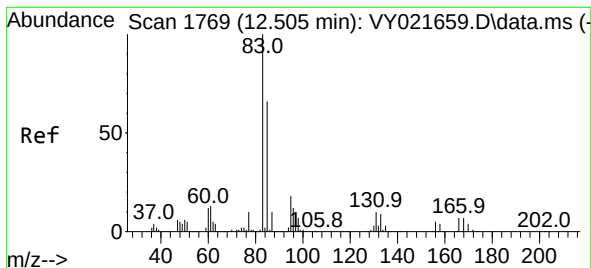
43 100

70 44.1 34.7 52.1

55 29.2 21.2 31.8

61 23.3 19.5 29.3





#75

1,1,2-Tetrachloroethane

Concen: 19.371 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

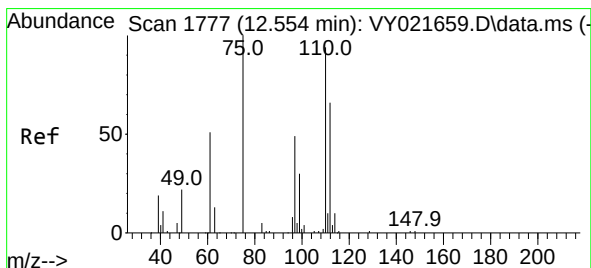
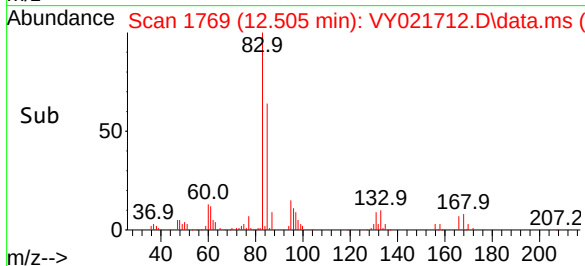
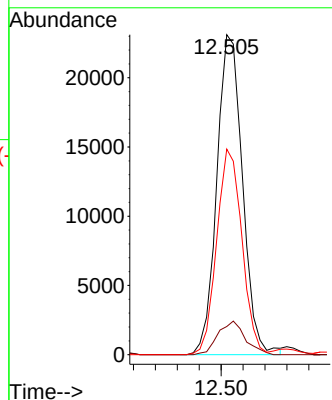
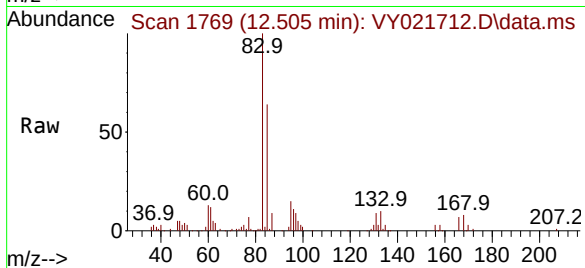
Tgt Ion: 83 Resp: 37610

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

85 63.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 34.108 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY021712.D

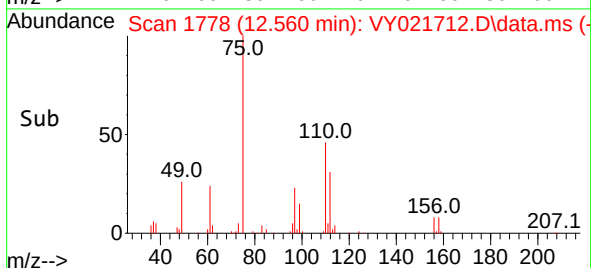
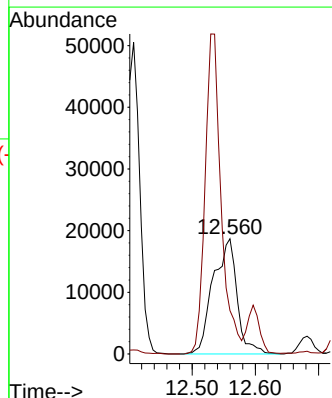
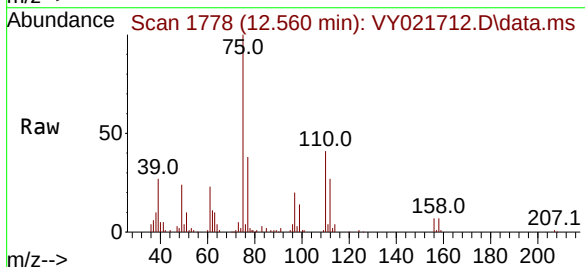
Acq: 31 Mar 2025 11:43

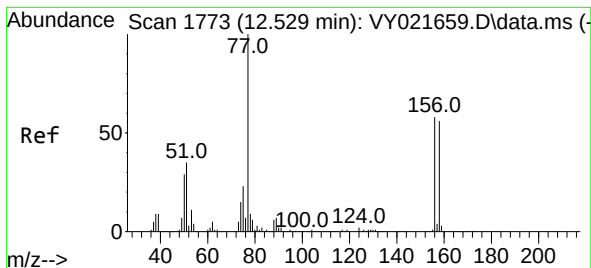
Tgt Ion: 75 Resp: 49159

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.596 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

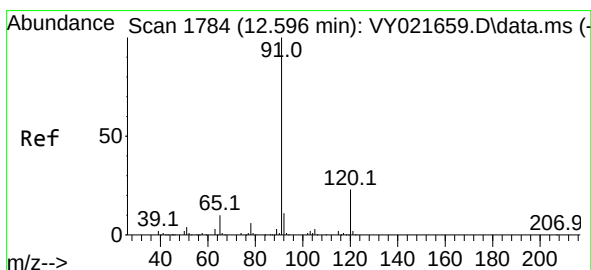
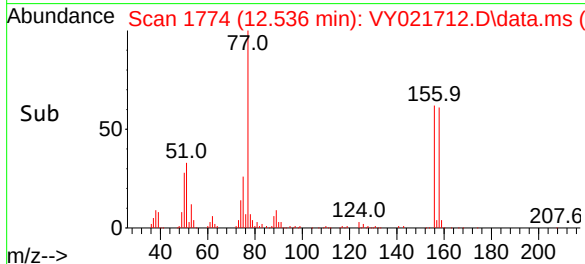
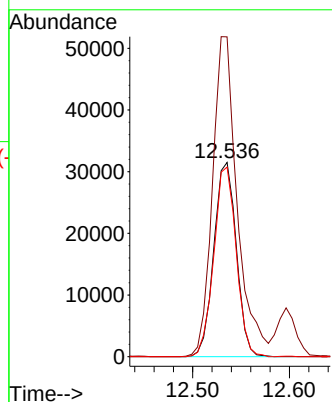
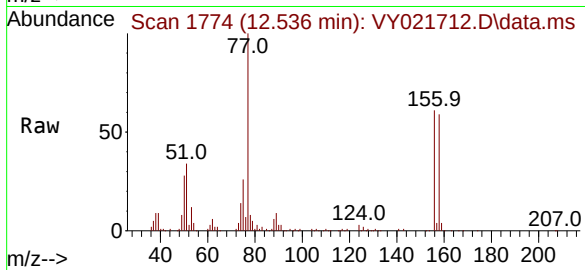
Tgt Ion:156 Resp: 50810

Ion Ratio Lower Upper

156 100

77 181.2 92.8 278.3

158 97.3 48.5 145.6



#78

n-propylbenzene

Concen: 19.670 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021712.D

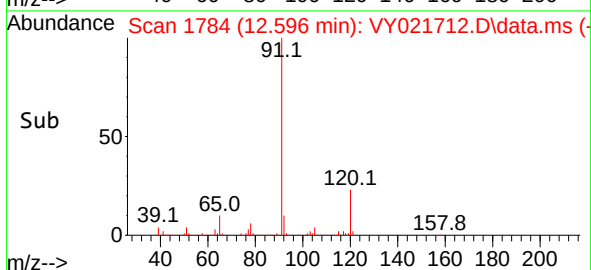
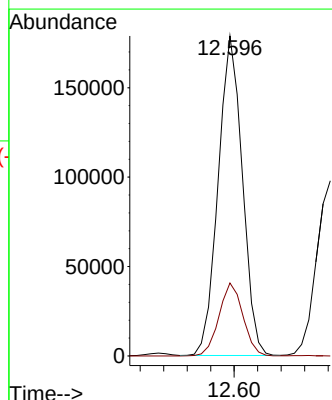
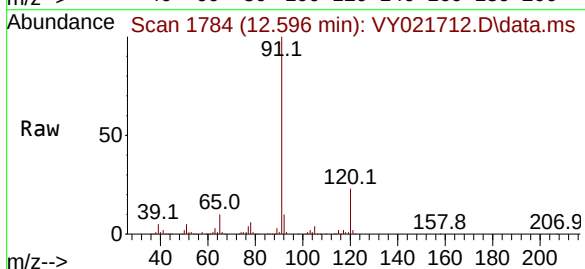
Acq: 31 Mar 2025 11:43

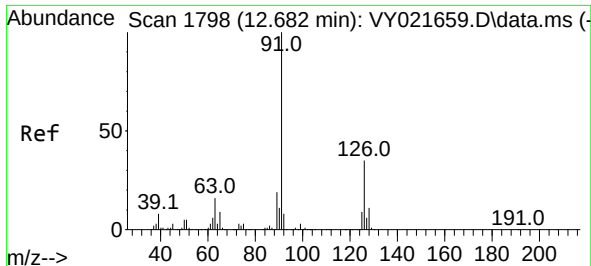
Tgt Ion: 91 Resp: 255379

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.767 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

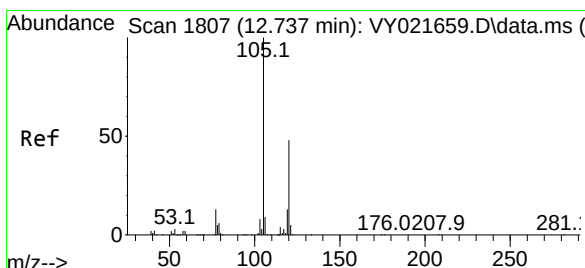
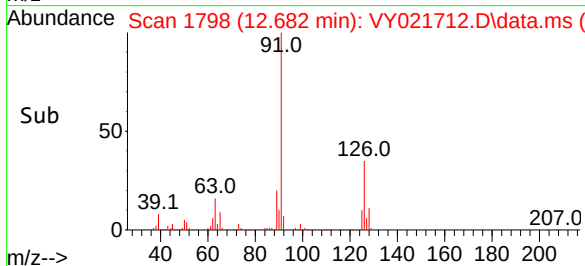
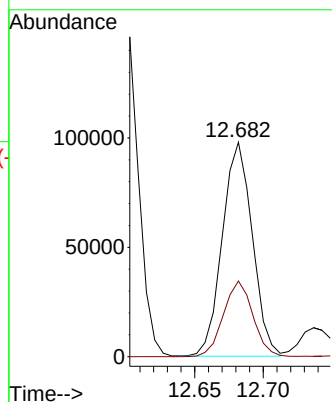
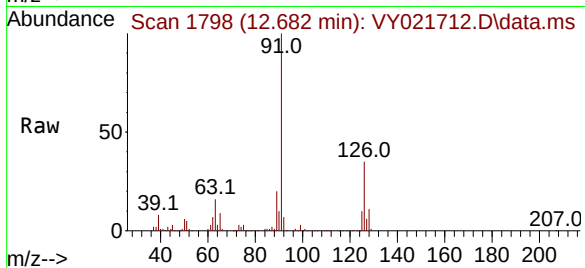
VY0331SBS01

Tgt Ion: 91 Resp: 149058

Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 19.655 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021712.D

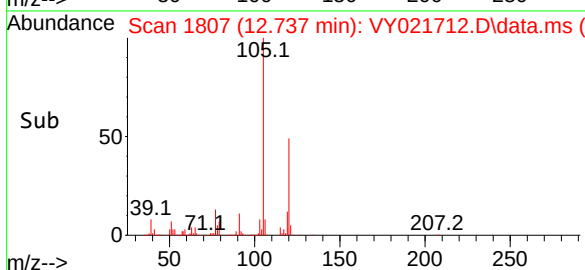
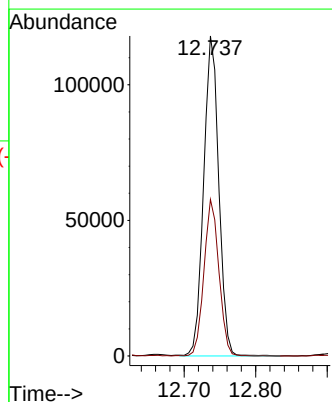
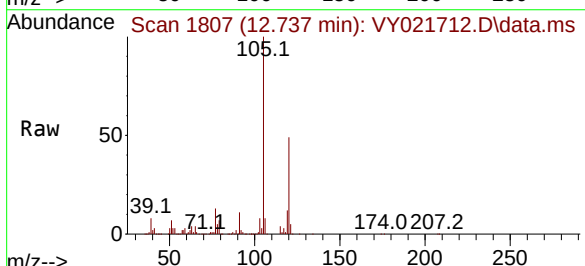
Acq: 31 Mar 2025 11:43

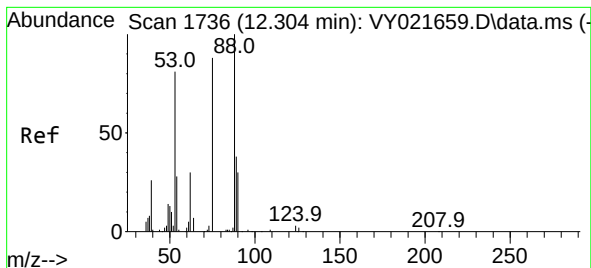
Tgt Ion:105 Resp: 173479

Ion Ratio Lower Upper

105 100

120 48.3 24.5 73.5

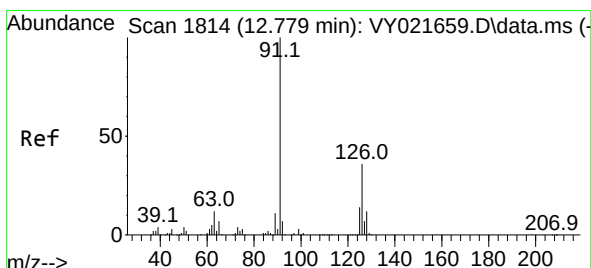
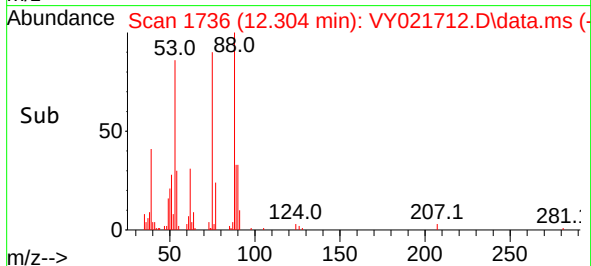
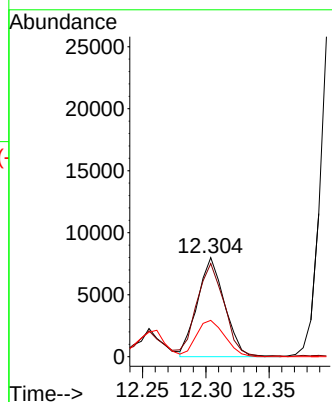
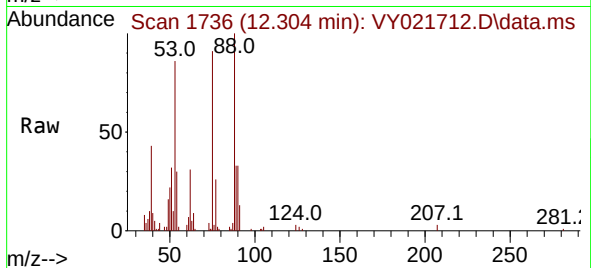




#81
trans-1,4-Dichloro-2-butene
Concen: 19.034 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

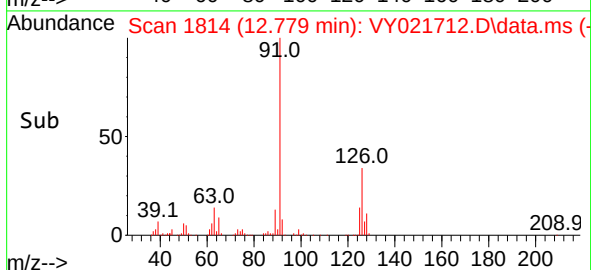
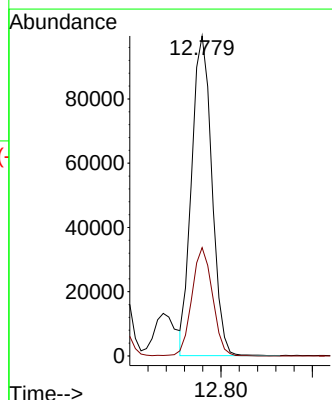
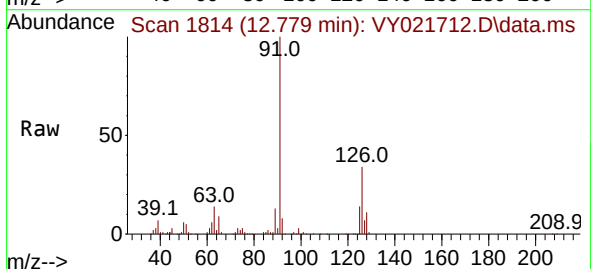
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

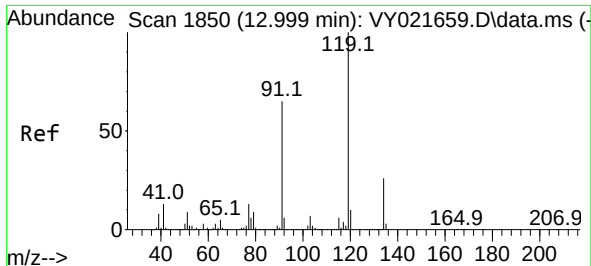
Tgt Ion: 75 Resp: 11906
Ion Ratio Lower Upper
75 100
53 96.3 76.1 114.1
89 38.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.480 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 91 Resp: 153149
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9

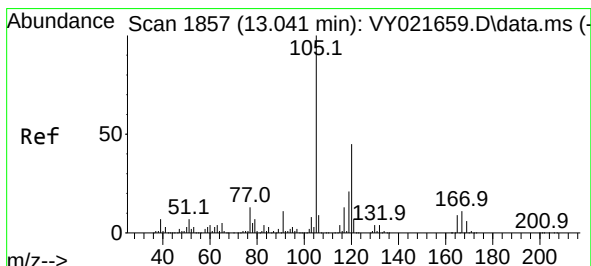
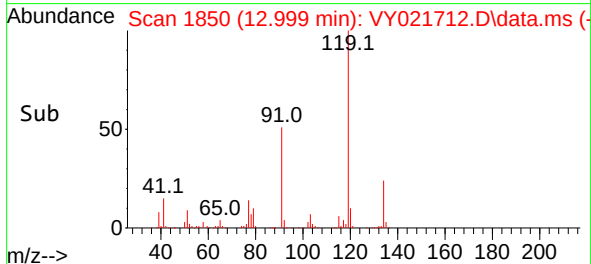
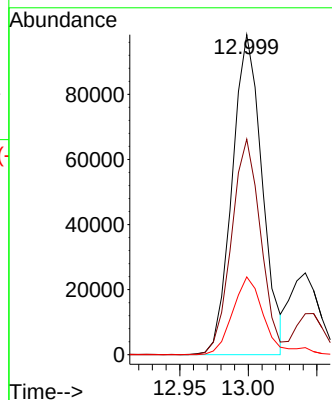
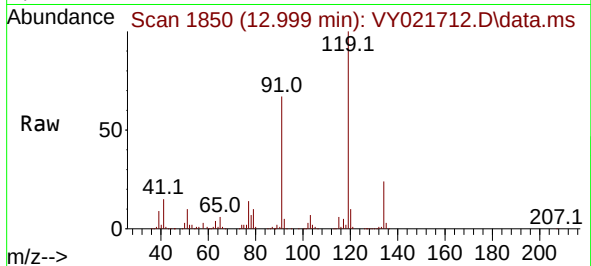




#83
 tert-Butylbenzene
 Concen: 19.095 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021712.D
 Acq: 31 Mar 2025 11:43

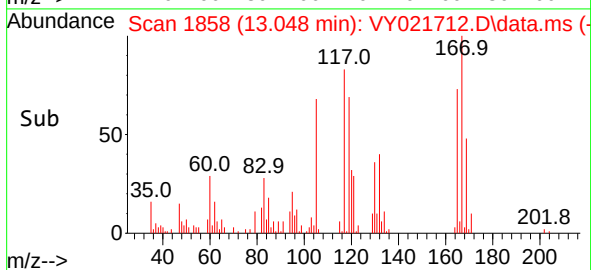
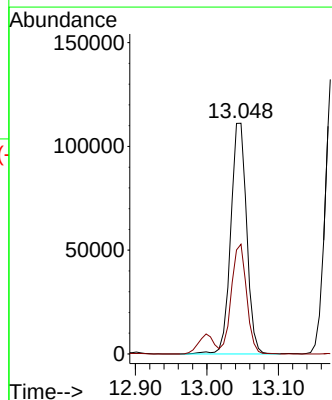
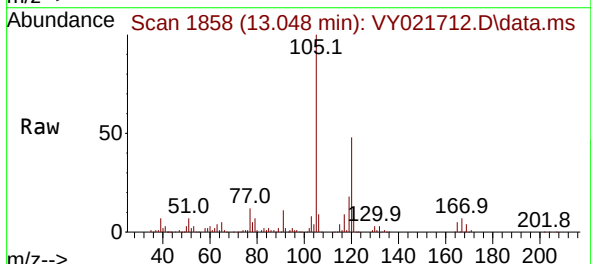
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

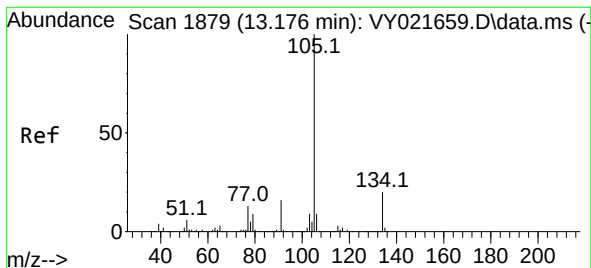
Tgt Ion:119 Resp: 150109
 Ion Ratio Lower Upper
 119 100
 91 65.6 32.6 97.7
 134 25.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.651 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: VY021712.D
 Acq: 31 Mar 2025 11:43

Tgt Ion:105 Resp: 171420
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.644 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

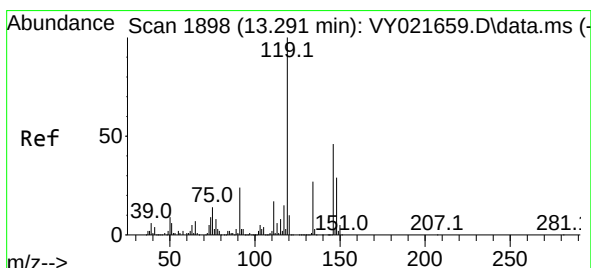
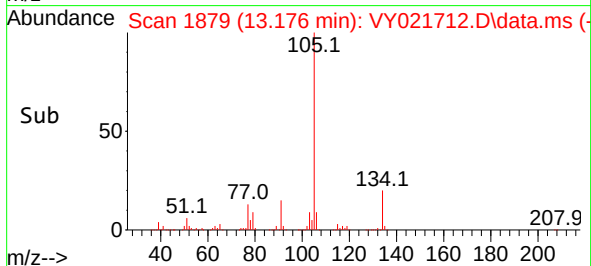
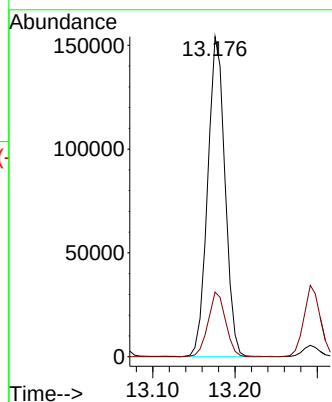
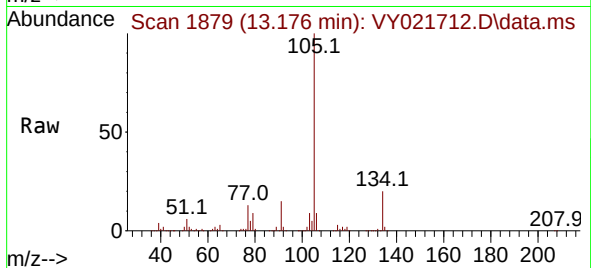
VY0331SBS01

Tgt Ion:105 Resp: 225682

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.674 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

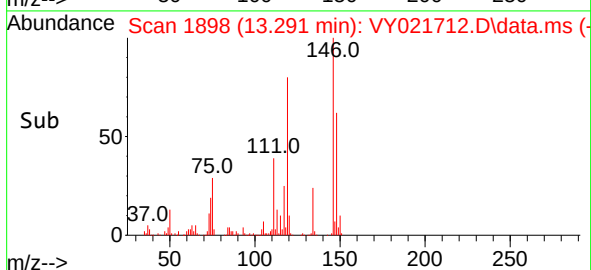
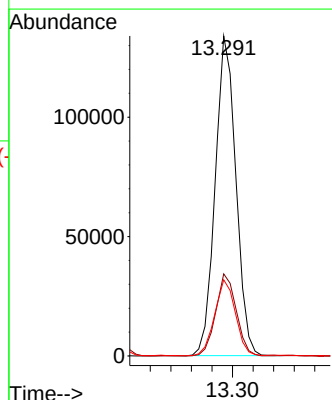
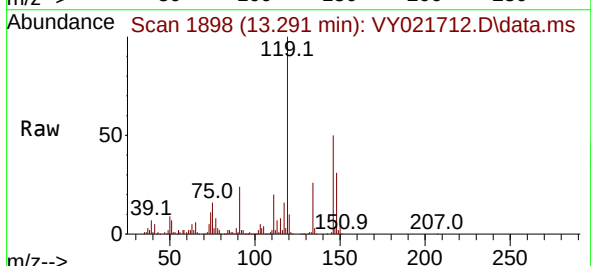
Tgt Ion:119 Resp: 186815

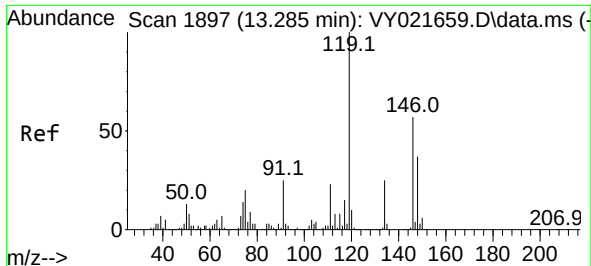
Ion Ratio Lower Upper

119 100

134 25.5 13.2 39.5

91 23.8 12.0 36.0

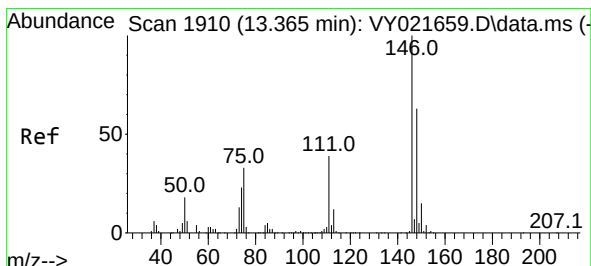
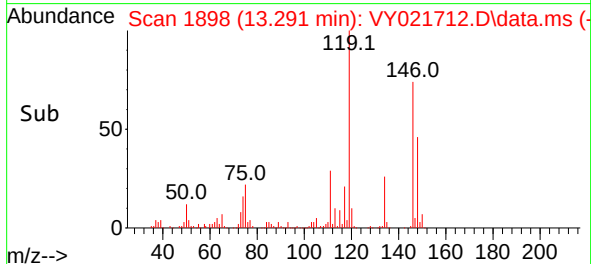
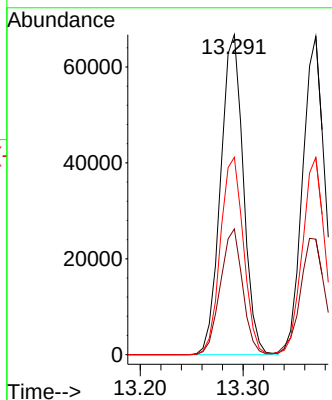
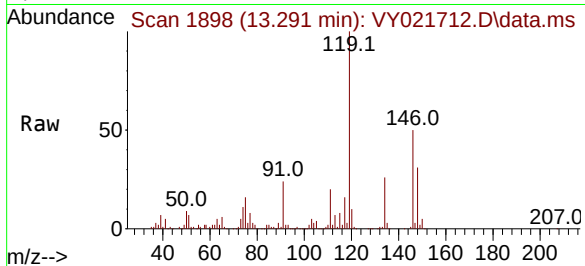




#87
1,3-Dichlorobenzene
Concen: 20.052 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

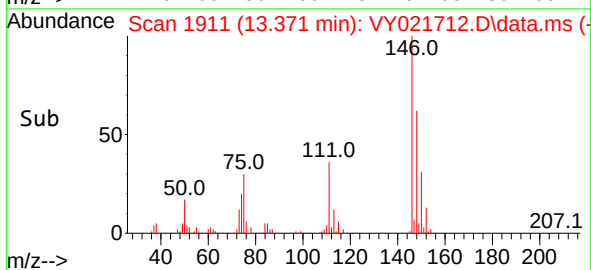
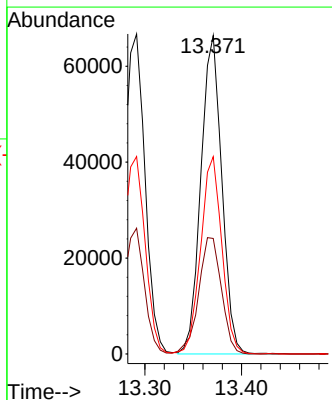
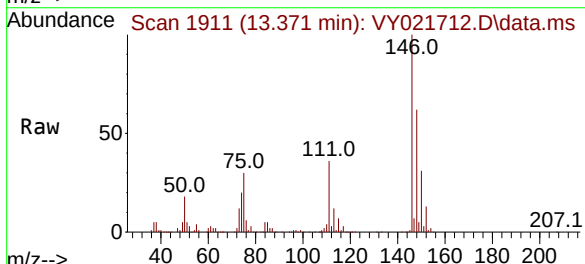
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

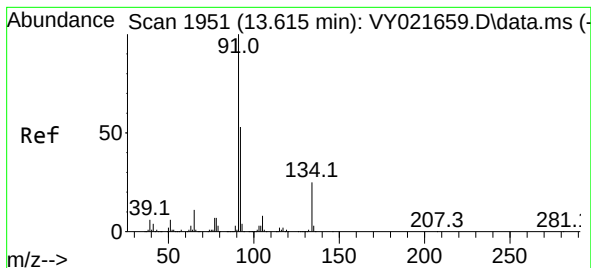
Tgt Ion:146 Resp: 102433
Ion Ratio Lower Upper
146 100
111 38.6 20.0 60.0
148 62.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 19.814 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion:146 Resp: 100004
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 62.8 31.5 94.5





#89

n-Butylbenzene

Concen: 19.297 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

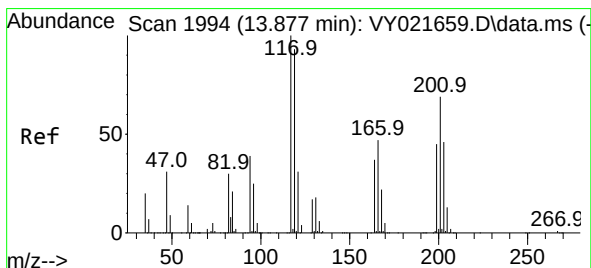
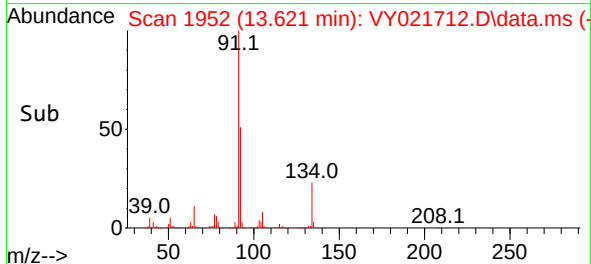
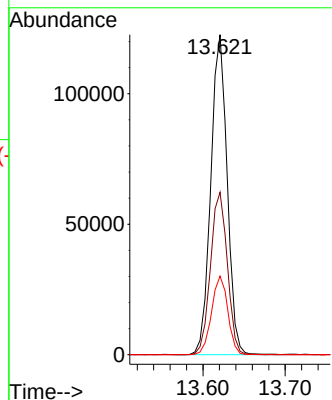
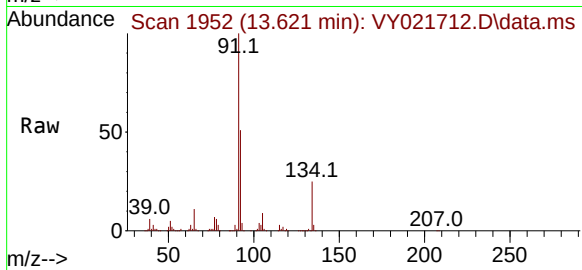
Tgt Ion: 91 Resp: 169456

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

134 24.3 12.8 38.4



#90

Hexachloroethane

Concen: 19.524 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021712.D

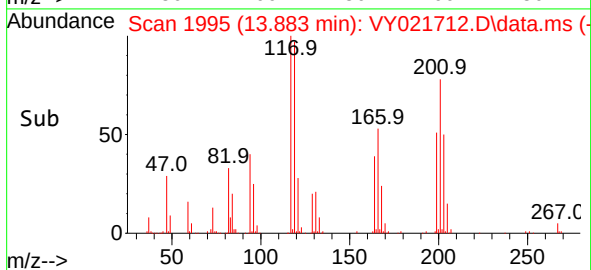
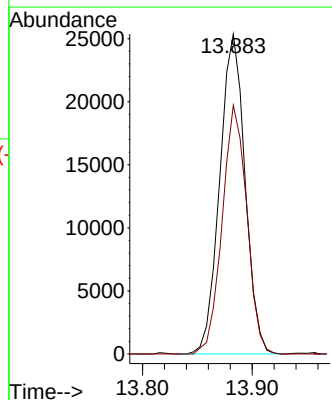
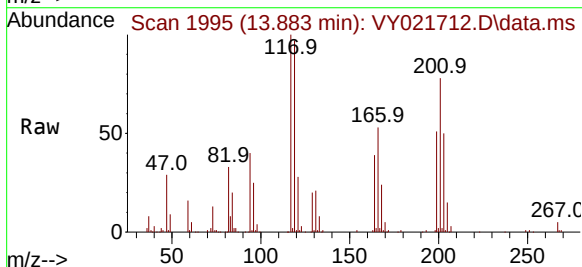
Acq: 31 Mar 2025 11:43

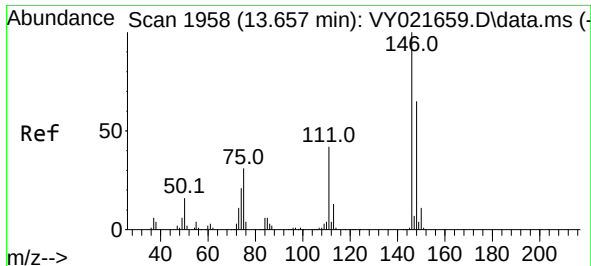
Tgt Ion: 117 Resp: 40626

Ion Ratio Lower Upper

117 100

201 75.7 37.4 112.1

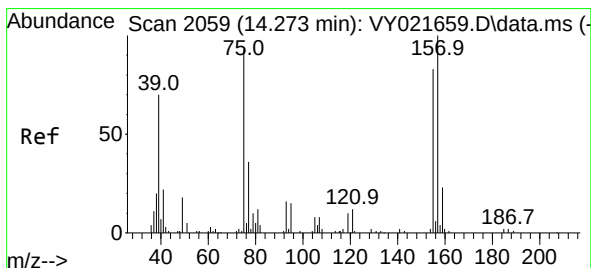
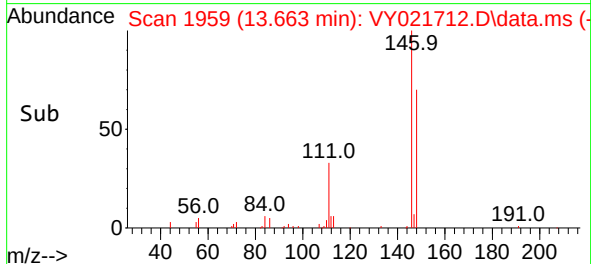
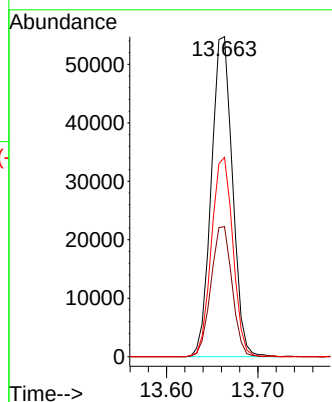
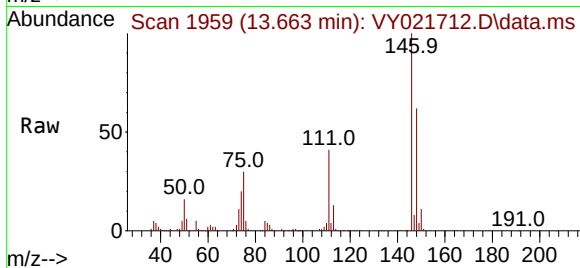




#91
1,2-Dichlorobenzene
Concen: 19.797 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

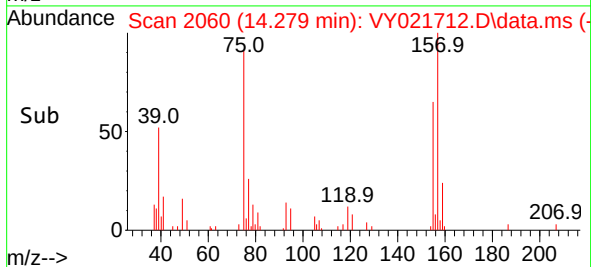
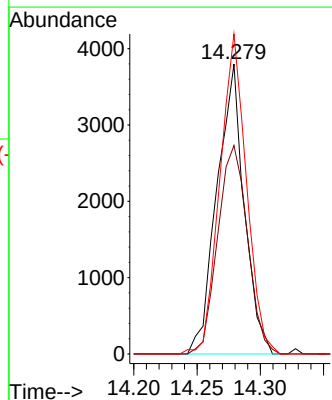
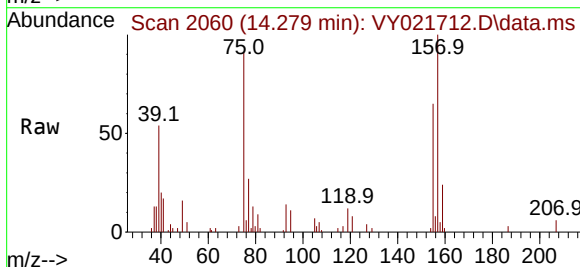
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

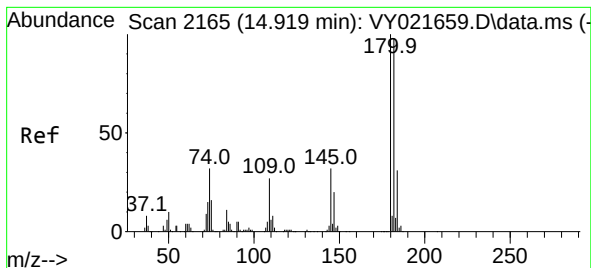
Tgt Ion:146 Resp: 88038
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 63.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.895 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021712.D
Acq: 31 Mar 2025 11:43

Tgt Ion: 75 Resp: 5686
Ion Ratio Lower Upper
75 100
155 78.5 43.0 128.8
157 107.6 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.342 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

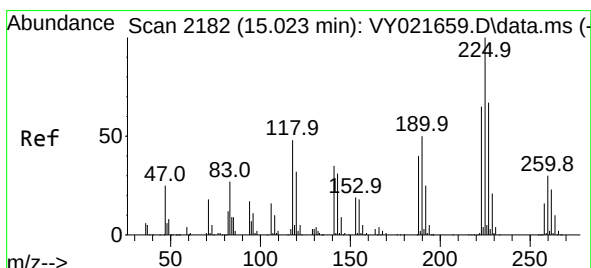
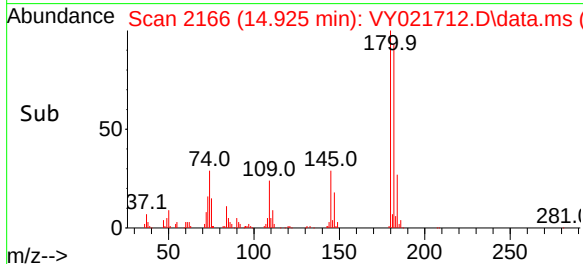
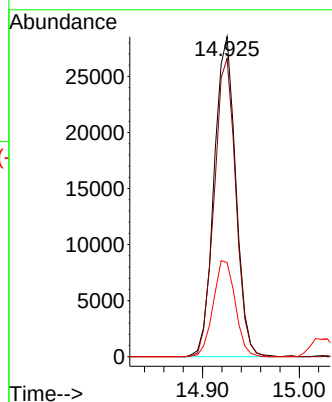
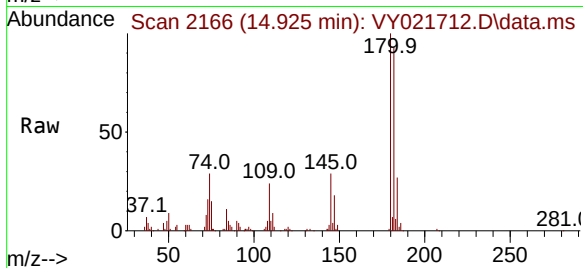
Tgt Ion:180 Resp: 44234

Ion Ratio Lower Upper

180 100

182 93.0 47.5 142.6

145 30.6 14.9 44.9



#94

Hexachlorobutadiene

Concen: 18.931 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

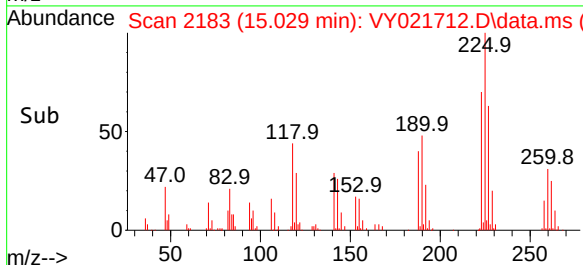
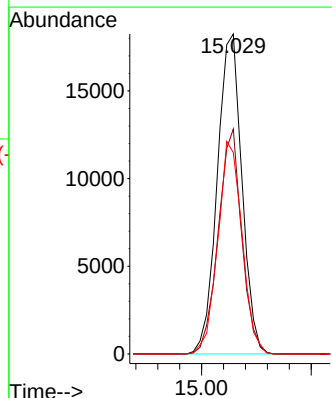
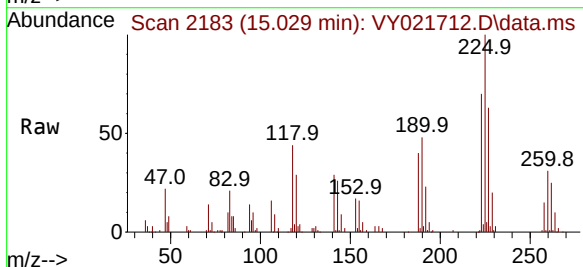
Tgt Ion:225 Resp: 28512

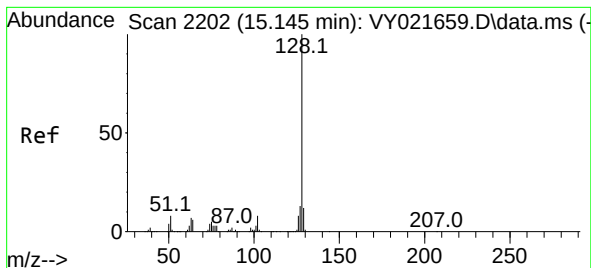
Ion Ratio Lower Upper

225 100

223 66.9 31.9 95.7

227 65.4 32.4 97.0





#95

Naphthalene

Concen: 16.183 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

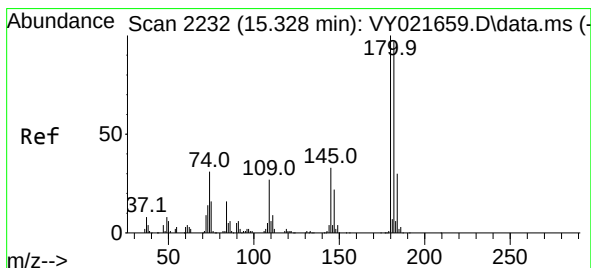
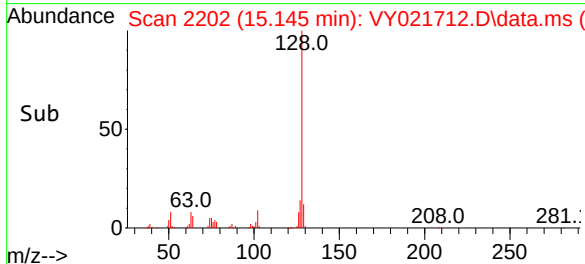
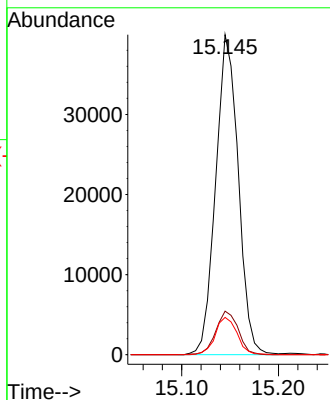
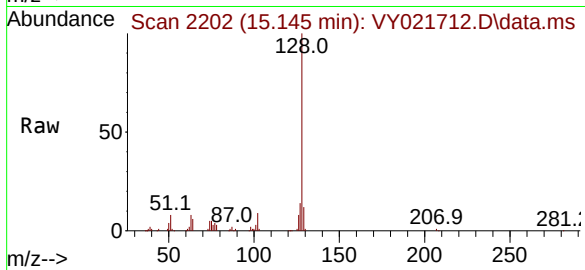
Tgt Ion:128 Resp: 64689

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 17.815 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021712.D

Acq: 31 Mar 2025 11:43

Tgt Ion:180 Resp: 36636

Ion Ratio Lower Upper

180 100

182 93.3 47.5 142.5

145 32.2 15.9 47.7

