

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021751.D
 Acq On : 02 Apr 2025 11:20
 Operator : SY/MD
 Sample : VY0402SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

Quant Time: Apr 03 03:35:00 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	223174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	312498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127742	52.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.660%	
35) Dibromofluoromethane	7.634	113	121315	53.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.580%	
50) Toluene-d8	10.103	98	472062	54.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.020%	
62) 4-Bromofluorobenzene	12.402	95	159298	54.383	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	45862	19.827	ug/l	99
3) Chloromethane	2.068	50	64792	19.920	ug/l	100
4) Vinyl Chloride	2.202	62	72569	19.728	ug/l	99
5) Bromomethane	2.586	94	51437	20.502	ug/l	98
6) Chloroethane	2.726	64	47829	19.871	ug/l	98
7) Trichlorofluoromethane	3.050	101	93887	19.925	ug/l	96
8) Diethyl Ether	3.452	74	25169	19.641	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.806	101	50587	20.355	ug/l	98
10) Methyl Iodide	4.001	142	52817	19.372	ug/l	99
11) Tert butyl alcohol	4.860	59	14569	92.762	ug/l	98
12) 1,1-Dichloroethene	3.787	96	46759	19.975	ug/l	94
13) Acrolein	3.647	56	20445	71.292	ug/l	99
14) Allyl chloride	4.385	41	72713	19.482	ug/l	99
15) Acrylonitrile	5.049	53	52833	98.745	ug/l	99
16) Acetone	3.866	43	47018	95.010	ug/l	95
17) Carbon Disulfide	4.104	76	146926	19.056	ug/l	99
18) Methyl Acetate	4.379	43	24927	20.324	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	115506	19.819	ug/l	99
20) Methylene Chloride	4.616	84	55178	20.505	ug/l	90
21) trans-1,2-Dichloroethene	5.104	96	50731	19.683	ug/l	99
22) Diisopropyl ether	6.019	45	161917	20.681	ug/l	98
23) Vinyl Acetate	5.958	43	447188	97.634	ug/l	99
24) 1,1-Dichloroethane	5.915	63	95210	20.337	ug/l	99
25) 2-Butanone	6.890	43	68243	96.547	ug/l	100
26) 2,2-Dichloropropane	6.878	77	83612	20.078	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	58098	20.044	ug/l	99
28) Bromochloromethane	7.244	49	38774	19.638	ug/l	96
29) Tetrahydrofuran	7.256	42	45959	101.029	ug/l	98
30) Chloroform	7.421	83	99438	20.421	ug/l	99
31) Cyclohexane	7.695	56	80296	18.815	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	88023	20.001	ug/l	99
36) 1,1-Dichloropropene	7.829	75	69686	20.098	ug/l	99
37) Ethyl Acetate	6.982	43	31020	18.957	ug/l	100
38) Carbon Tetrachloride	7.817	117	79723	20.075	ug/l	99
39) Methylcyclohexane	9.109	83	81659	19.715	ug/l	98
40) Benzene	8.079	78	214875	20.694	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	19656	22.619	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	59907	20.465	ug/l	99
43) Isopropyl Acetate	8.195	43	59806	19.286	ug/l	99
44) Trichloroethene	8.866	130	54920	20.759	ug/l	99
45) 1,2-Dichloropropane	9.140	63	50445	20.524	ug/l	98
46) Dibromomethane	9.231	93	28659	20.232	ug/l	97
47) Bromodichloromethane	9.420	83	74811	20.382	ug/l	96
48) Methyl methacrylate	9.219	41	27112	19.050	ug/l	98
49) 1,4-Dioxane	9.225	88	6134	404.230	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	158307	98.099	ug/l	99
52) Toluene	10.170	92	134550	20.769	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	66360	20.355	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	78324	20.364	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	37883	20.782	ug/l	97
56) Ethyl methacrylate	10.438	69	46583	20.013	ug/l	97
57) 1,3-Dichloropropane	10.713	76	64294	20.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	114916	101.204	ug/l	99
59) 2-Hexanone	10.762	43	104796	97.509	ug/l	99
60) Dibromochloromethane	10.908	129	51193	20.569	ug/l	98
61) 1,2-Dibromoethane	11.012	107	34676	20.278	ug/l	98
64) Tetrachloroethene	10.646	164	63114	22.175	ug/l	95
65) Chlorobenzene	11.438	112	146651	20.472	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	51455	20.245	ug/l	98
67) Ethyl Benzene	11.518	91	247192	20.123	ug/l	98
68) m/p-Xylenes	11.627	106	192590	40.943	ug/l	100
69) o-Xylene	11.957	106	87873	20.238	ug/l	99
70) Styrene	11.969	104	148515	20.515	ug/l	99
71) Bromoform	12.133	173	29798	20.554	ug/l #	100
73) Isopropylbenzene	12.255	105	231944	19.119	ug/l	99
74) N-amyl acetate	12.072	43	51662	18.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	39127	17.939	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	56482	34.885	ug/l #	100
77) Bromobenzene	12.530	156	57171	19.627	ug/l	98
78) n-propylbenzene	12.597	91	286971	19.676	ug/l	99
79) 2-Chlorotoluene	12.676	91	165761	19.567	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	196264	19.794	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	13404	19.076	ug/l	98
82) 4-Chlorotoluene	12.773	91	175679	19.892	ug/l	99
83) tert-Butylbenzene	12.999	119	171433	19.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	195682	19.968	ug/l	100
85) sec-Butylbenzene	13.176	105	254798	19.742	ug/l	100
86) p-Isopropyltoluene	13.292	119	212339	19.906	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	114646	19.977	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	112703	19.877	ug/l	97
89) n-Butylbenzene	13.615	91	193278	19.592	ug/l	99
90) Hexachloroethane	13.877	117	45056	19.275	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	102226	20.463	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6492	19.204	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	56135	20.721	ug/l	98
94) Hexachlorobutadiene	15.023	225	35255	20.837	ug/l	98
95) Naphthalene	15.145	128	86043	19.161	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	48153	20.844	ug/l	98

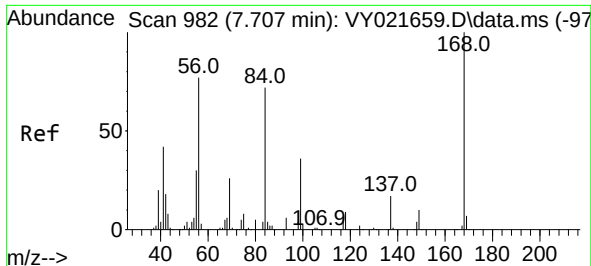
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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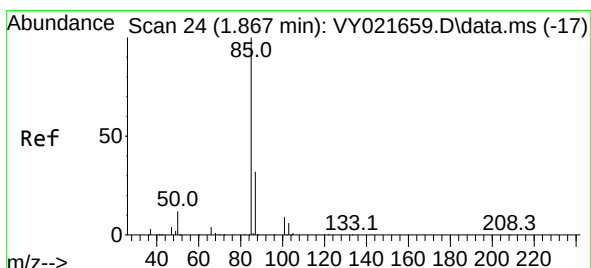
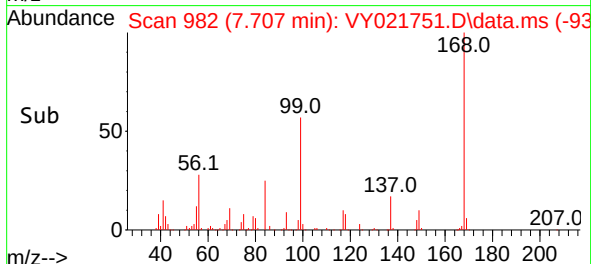
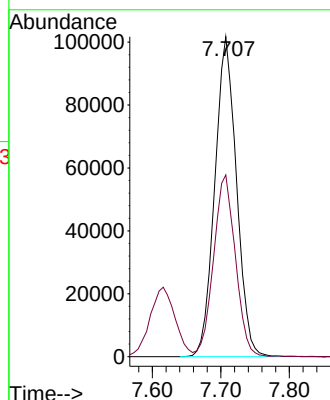
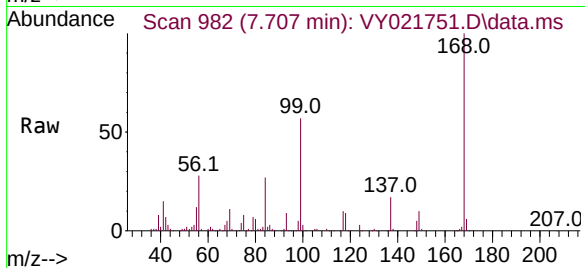
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

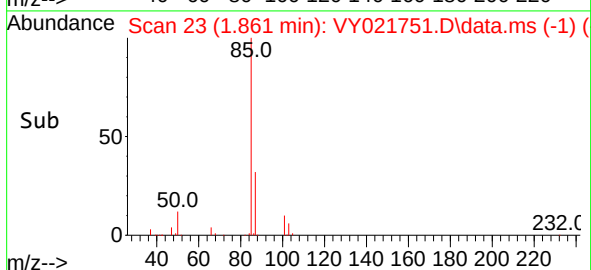
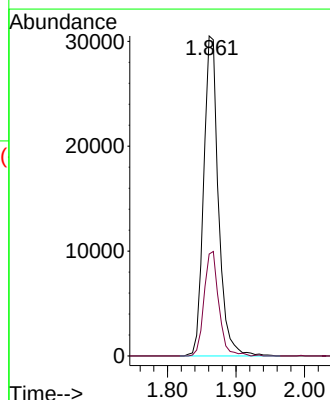
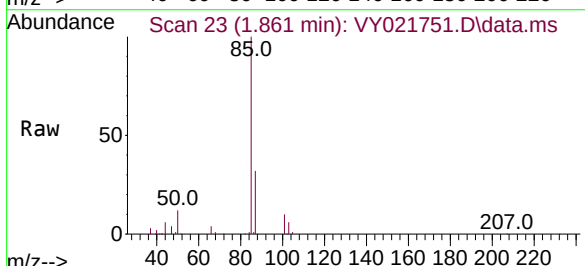
Instrument :
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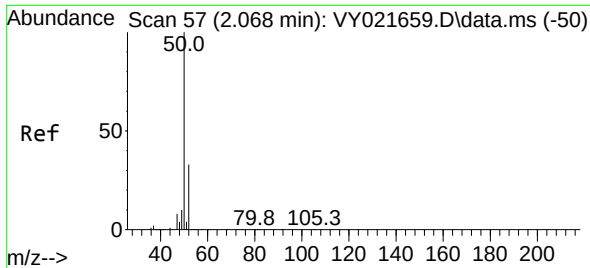
Tgt Ion:168 Resp: 223174
Ion Ratio Lower Upper
168 100
99 56.6 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 19.827 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 85 Resp: 45862
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6

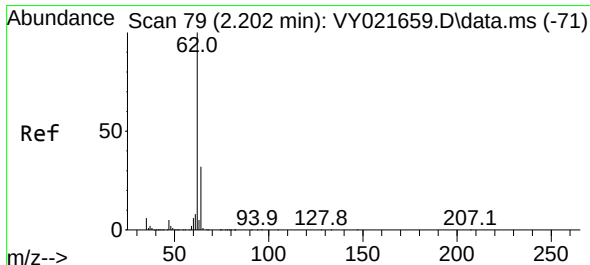
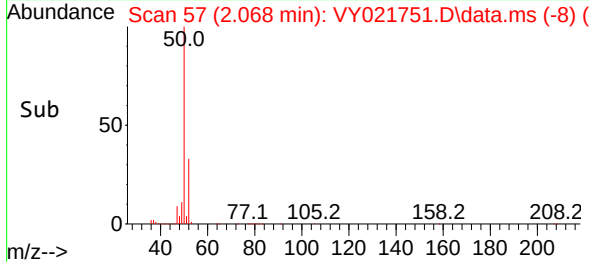
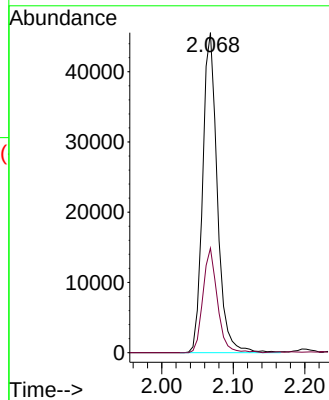
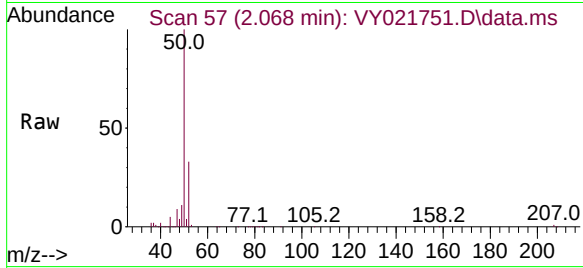




#3
Chloromethane
Concen: 19.920 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

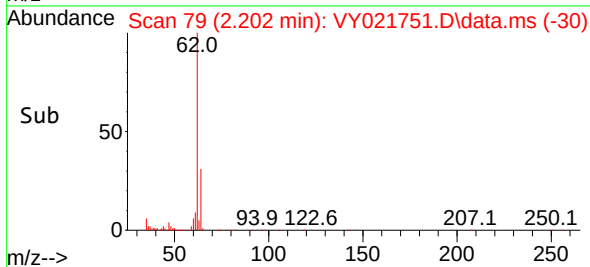
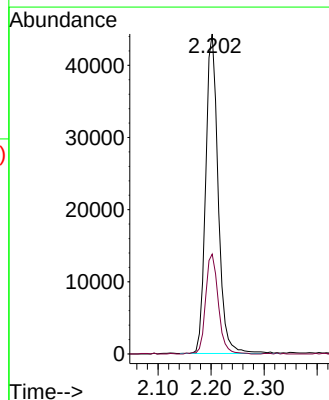
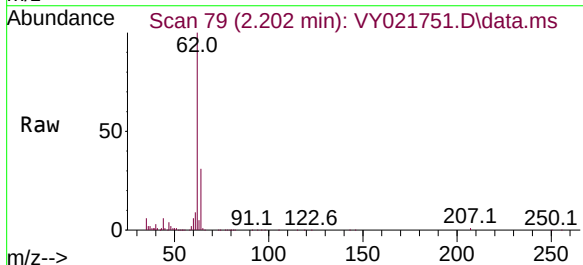
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ClientSampleId :
VY0402SBS01

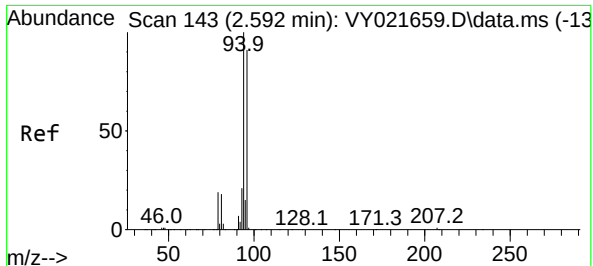
Tgt Ion: 50 Resp: 64792
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5



#4
Vinyl Chloride
Concen: 19.728 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 62 Resp: 72569
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3

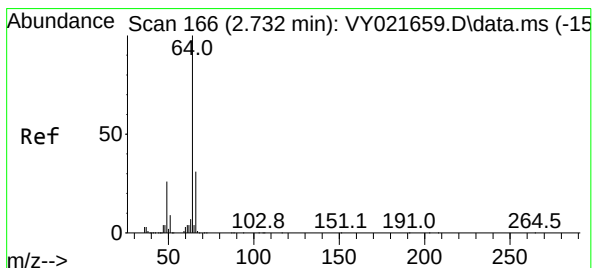
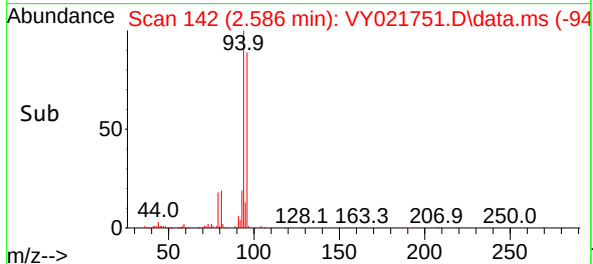
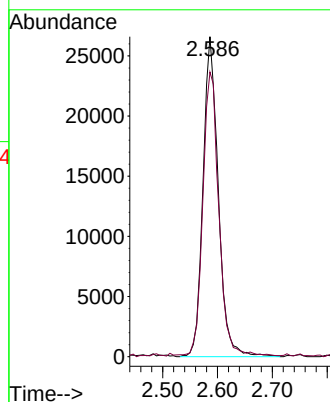
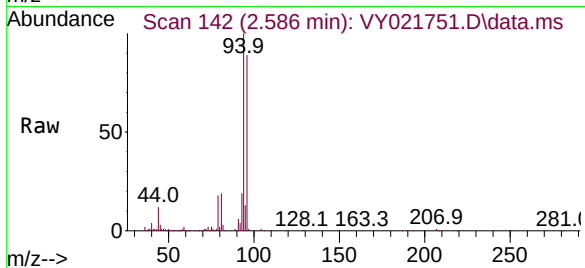




#5
Bromomethane
Concen: 20.502 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

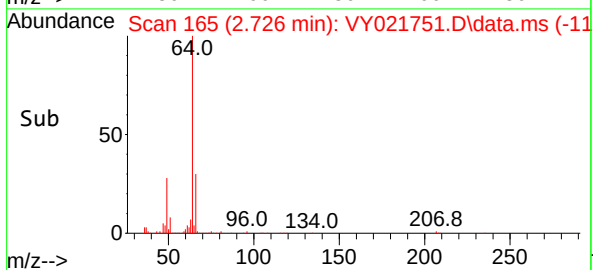
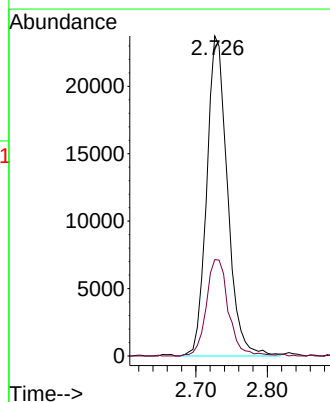
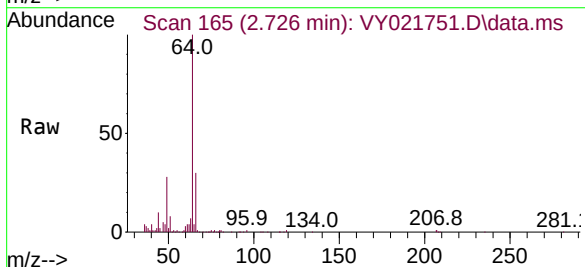
Instrument :
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ClientSampleId :
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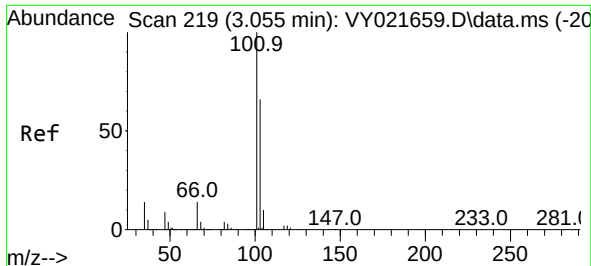
Tgt Ion: 94 Resp: 51437
Ion Ratio Lower Upper
94 100
96 88.6 72.8 109.2



#6
Chloroethane
Concen: 19.871 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 64 Resp: 47829
Ion Ratio Lower Upper
64 100
66 30.1 24.9 37.3

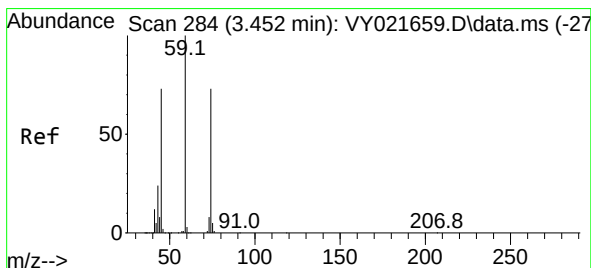
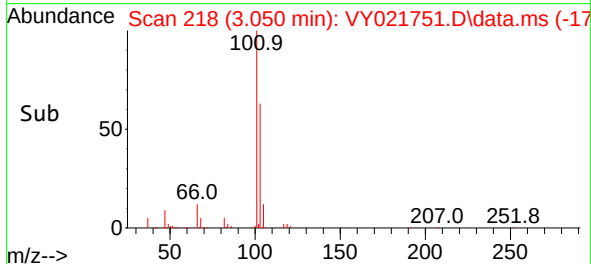
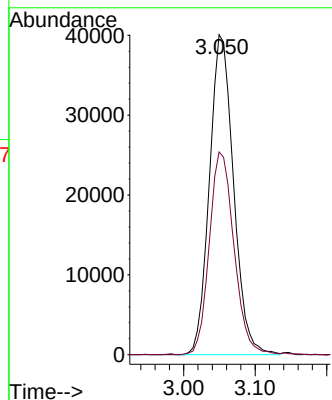
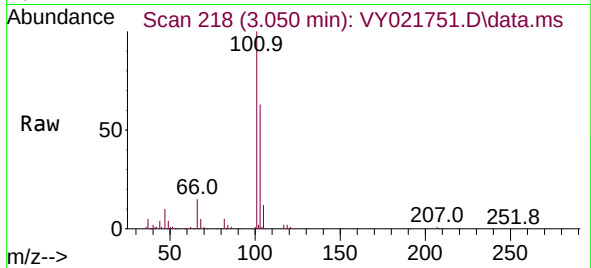




#7
 Trichlorofluoromethane
 Concen: 19.925 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY021751.D
 Acq: 02 Apr 2025 11:20

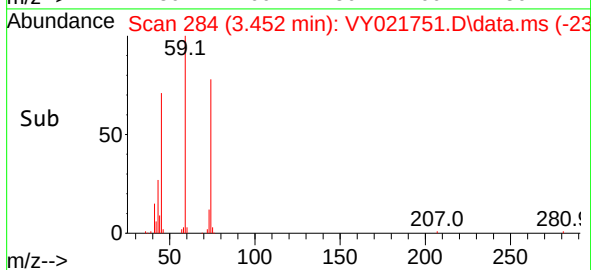
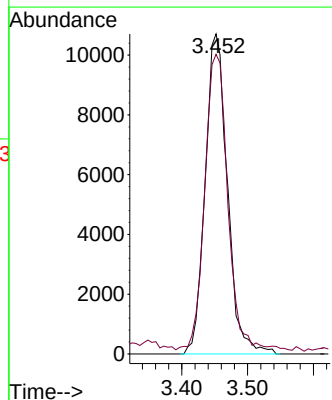
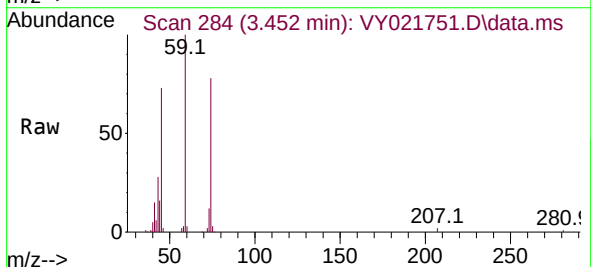
Instrument :
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 ClientSampleId :
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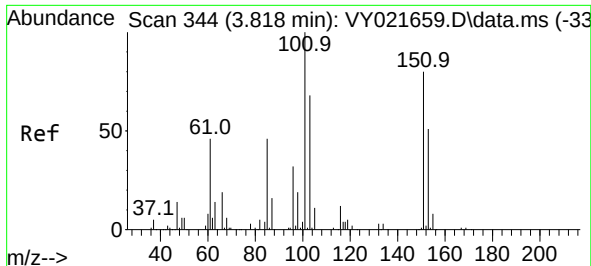
Tgt Ion:101 Resp: 93887
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.641 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021751.D
 Acq: 02 Apr 2025 11:20

Tgt Ion: 74 Resp: 25169
 Ion Ratio Lower Upper
 74 100
 45 96.3 48.6 145.8

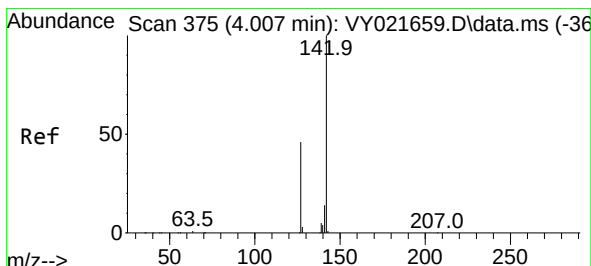
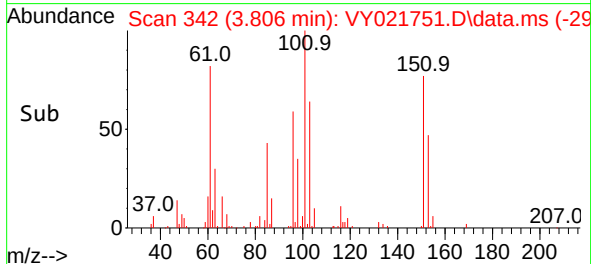
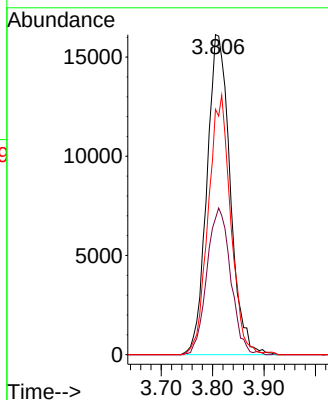
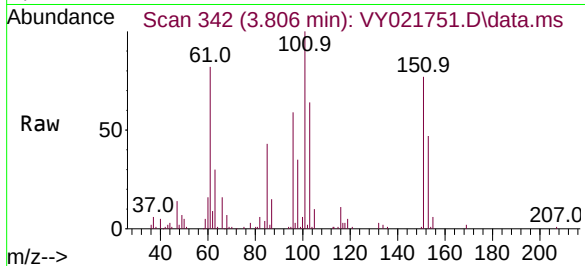




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.355 ug/l
RT: 3.806 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021751.D
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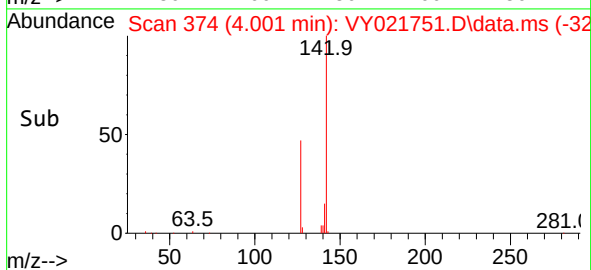
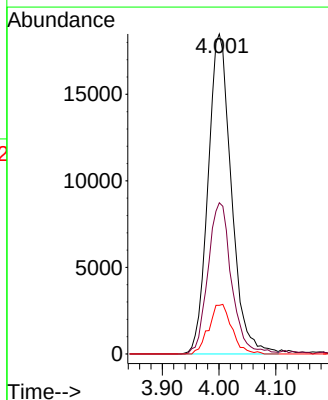
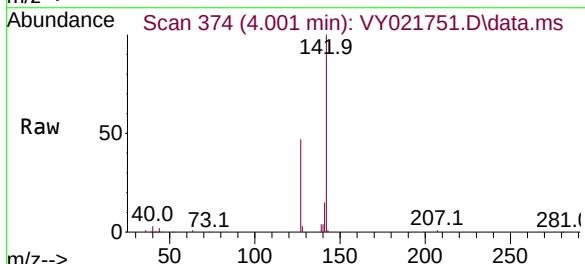
Instrument :
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ClientSampleId :
VY0402SBSD01

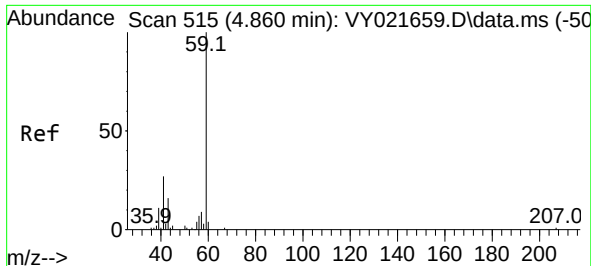
Tgt Ion:101 Resp: 50587
Ion Ratio Lower Upper
101 100
85 46.6 36.3 54.5
151 78.1 61.3 91.9



#10
Methyl Iodide
Concen: 19.372 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:142 Resp: 52817
Ion Ratio Lower Upper
142 100
127 47.8 38.7 58.1
141 15.3 11.5 17.3

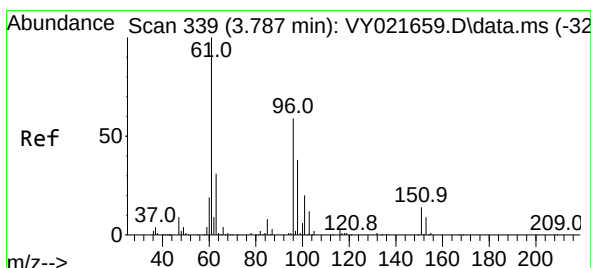
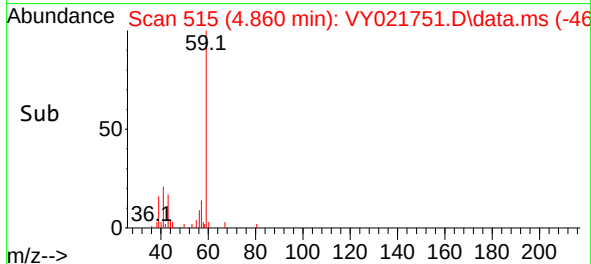
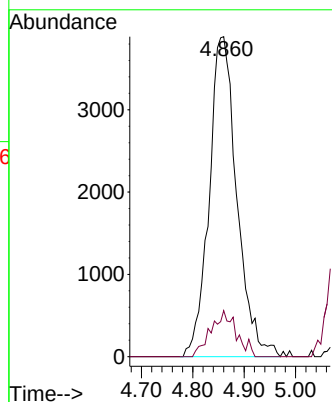
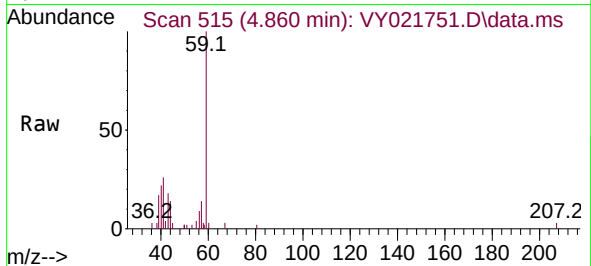




#11
Tert butyl alcohol
Concen: 92.762 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

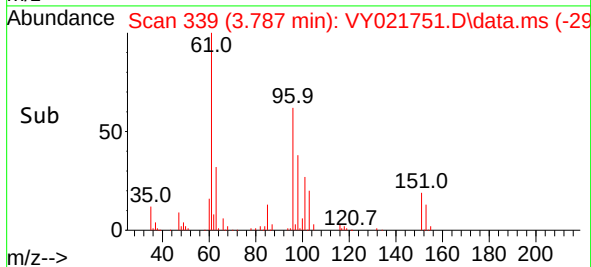
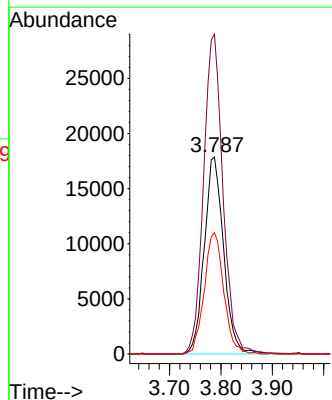
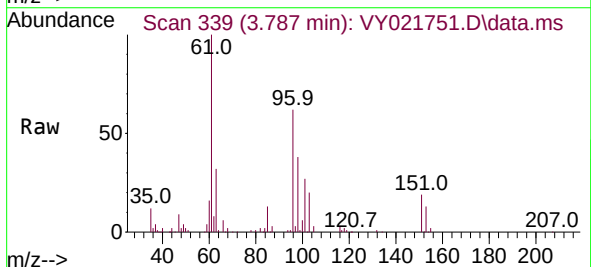
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

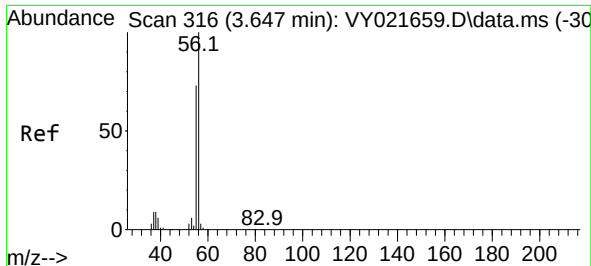
Tgt Ion: 59 Resp: 14569
Ion Ratio Lower Upper
59 100
57 12.4 9.2 13.8



#12
1,1-Dichloroethene
Concen: 19.975 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 96 Resp: 46759
Ion Ratio Lower Upper
96 100
61 162.5 136.6 204.8
98 61.6 52.3 78.5





#13

Acrolein

Concen: 71.292 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

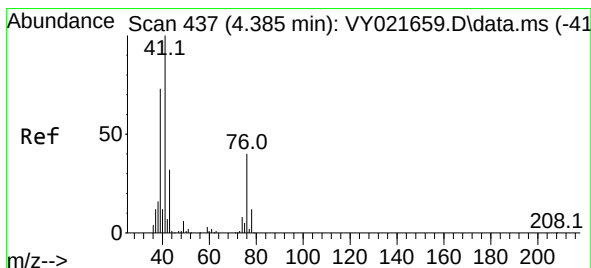
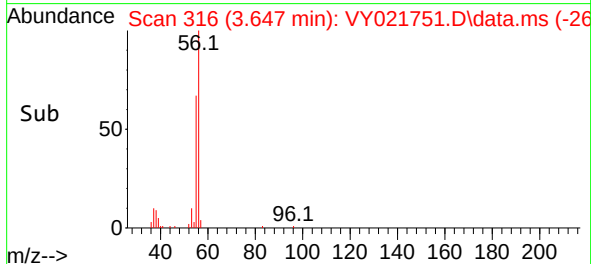
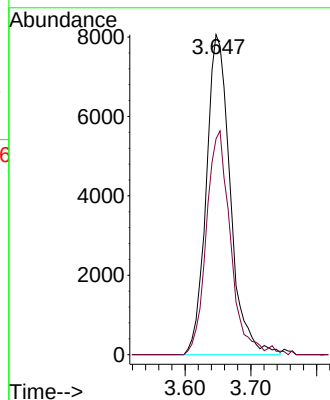
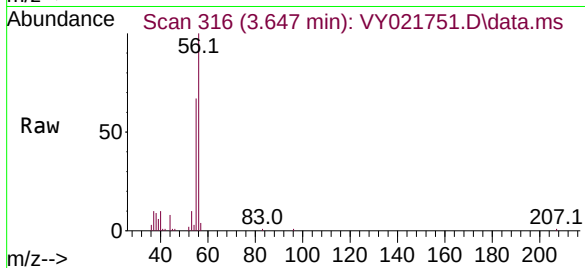
VY0402SBS01

Tgt Ion: 56 Resp: 20445

Ion Ratio Lower Upper

56 100

55 69.8 56.6 85.0



#14

Allyl chloride

Concen: 19.482 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

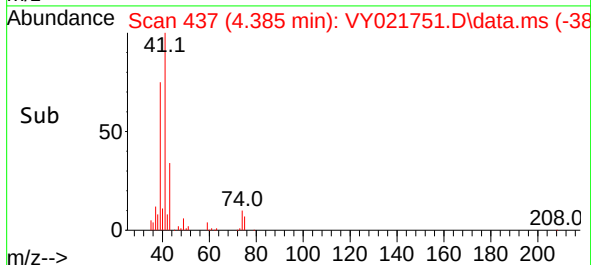
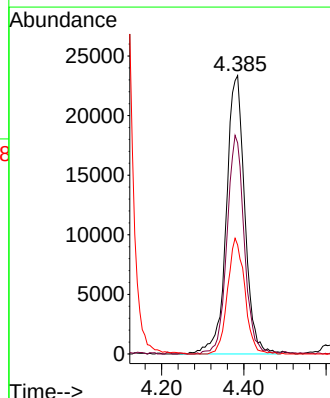
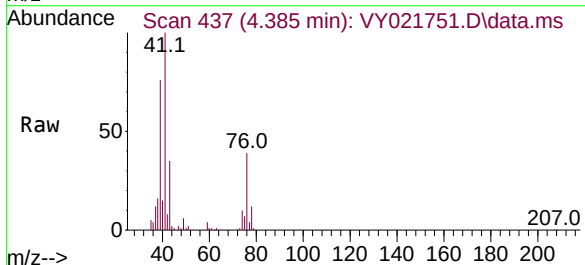
Tgt Ion: 41 Resp: 72713

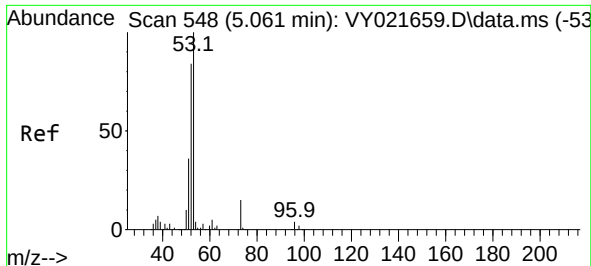
Ion Ratio Lower Upper

41 100

39 73.9 58.6 88.0

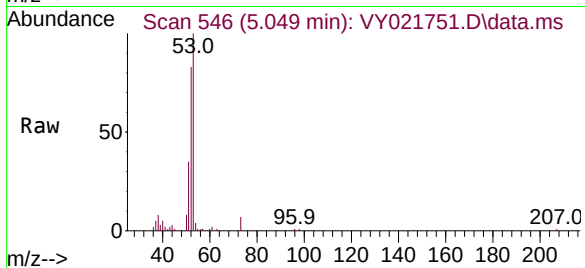
76 38.8 30.3 45.5



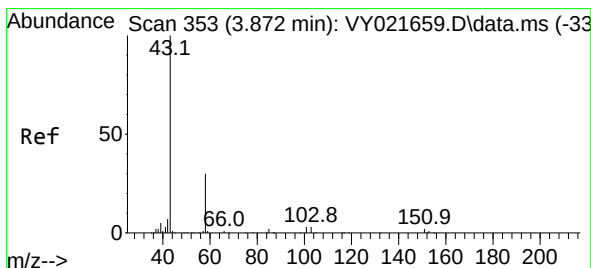
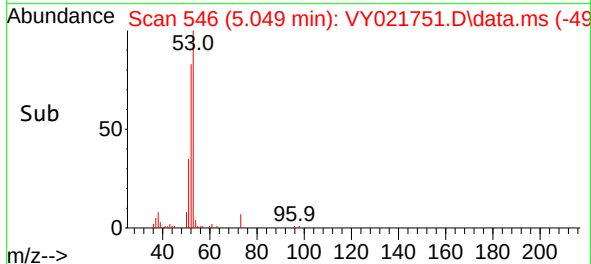
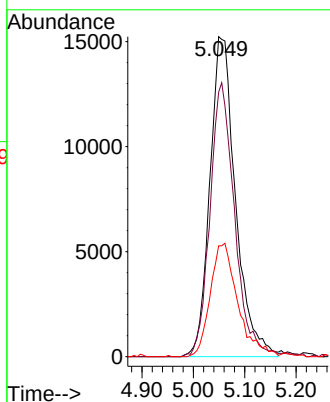


#15
Acrylonitrile
Concen: 98.745 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

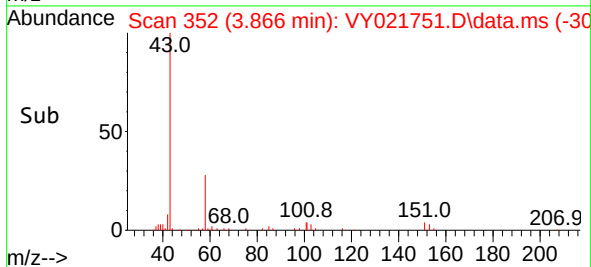
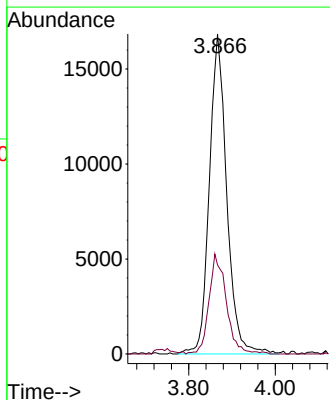
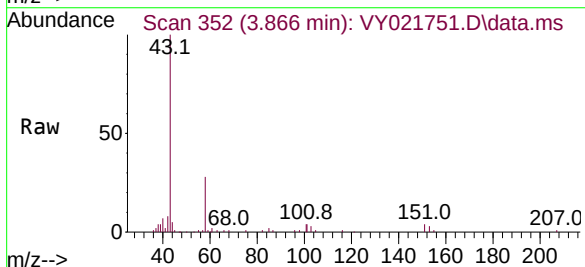


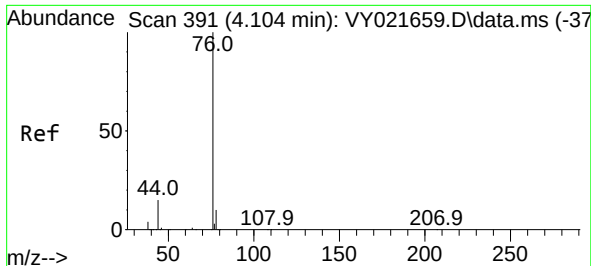
Tgt Ion:	53	Resp:	52833
Ion	Ratio	Lower	Upper
53	100		
52	82.8	64.9	97.3
51	38.0	30.2	45.2



#16
Acetone
Concen: 95.010 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:	43	Resp:	47018
Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.2	36.4

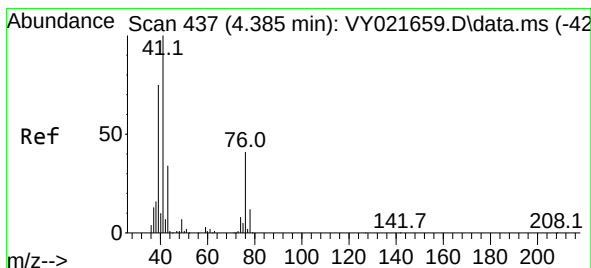
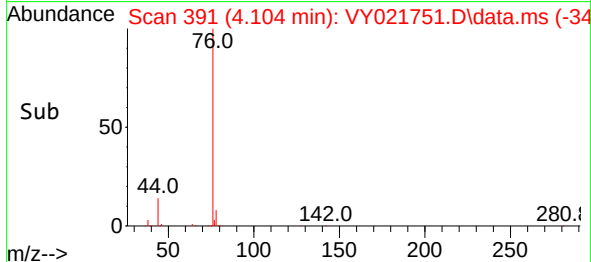
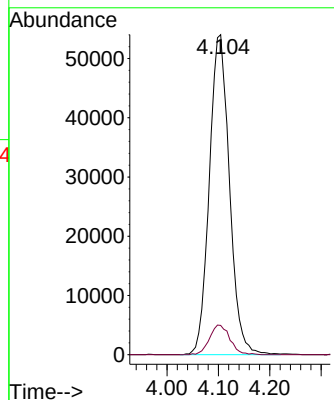
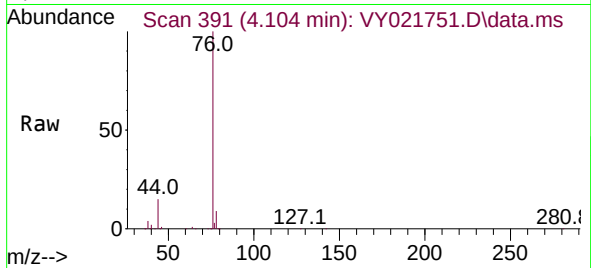




#17
Carbon Disulfide
Concen: 19.056 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

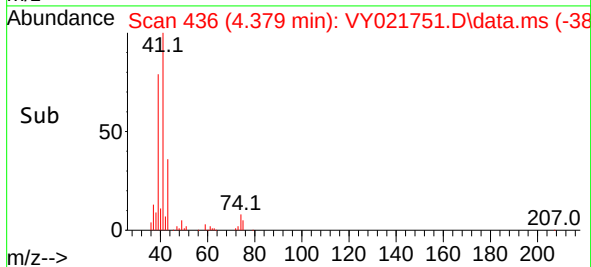
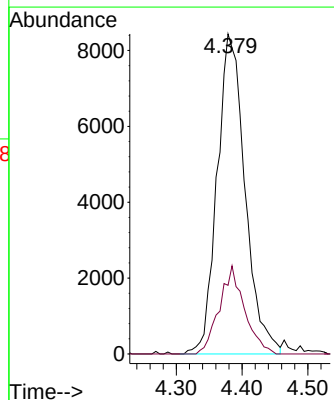
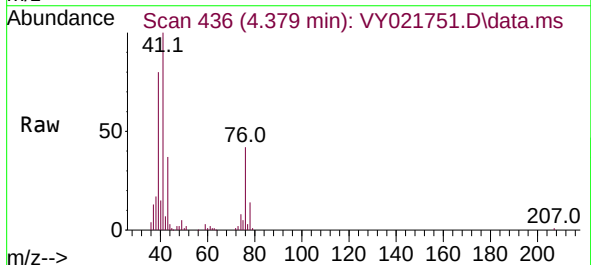
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

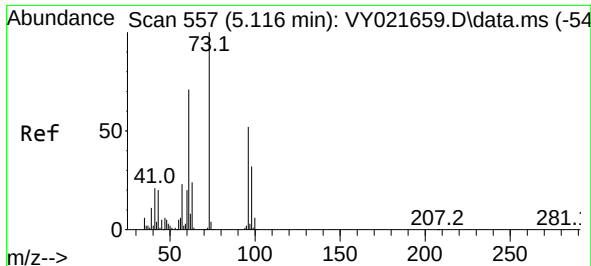
Tgt Ion: 76 Resp: 146926
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 20.324 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 43 Resp: 24927
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.819 ug/l

RT: 5.110 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

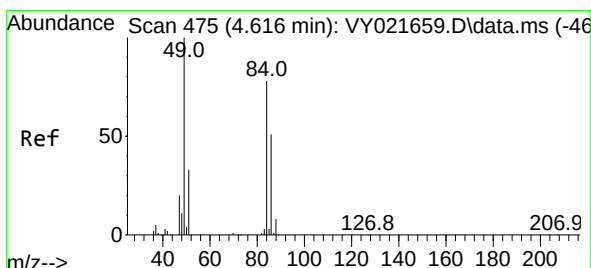
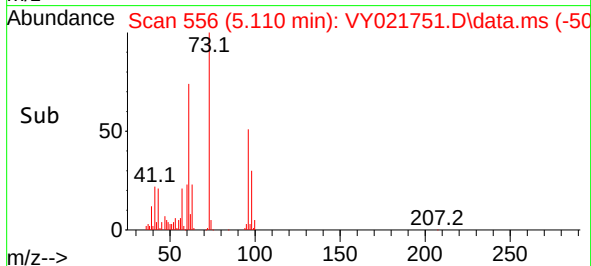
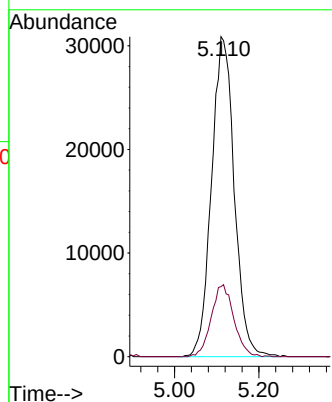
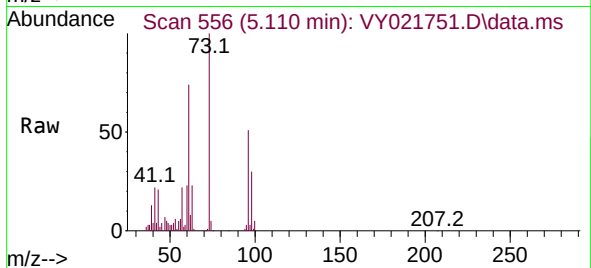
VY0402SBS01

Tgt Ion: 73 Resp: 115506

Ion Ratio Lower Upper

73 100

57 21.9 18.1 27.1



#20

Methylene Chloride

Concen: 20.505 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Tgt Ion: 84 Resp: 55178

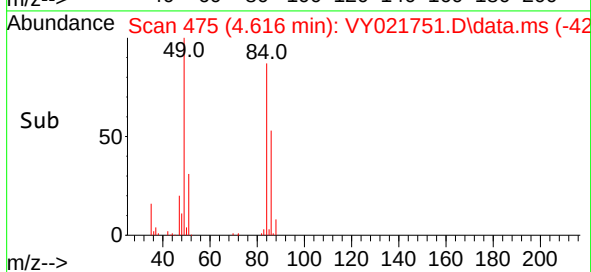
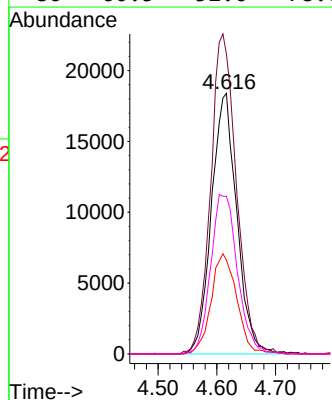
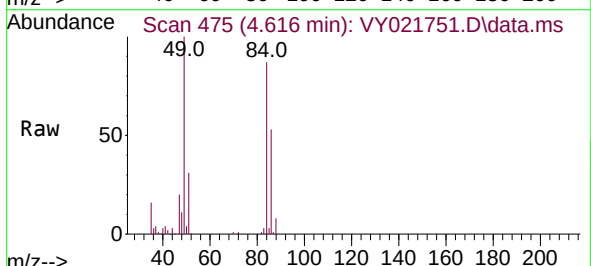
Ion Ratio Lower Upper

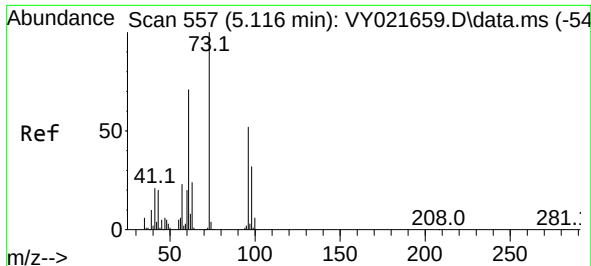
84 100

49 115.1 102.8 154.2

51 36.0 33.5 50.3

86 60.5 52.0 78.0

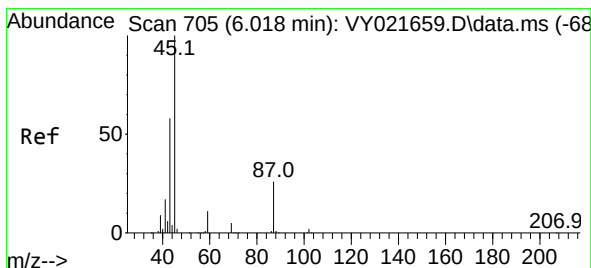
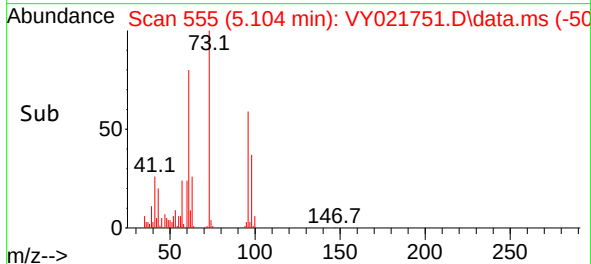
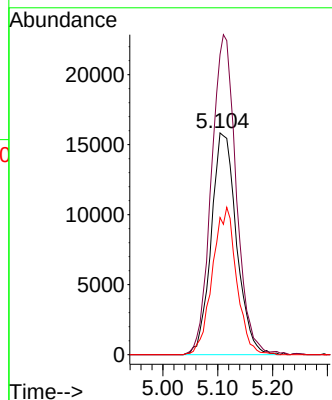
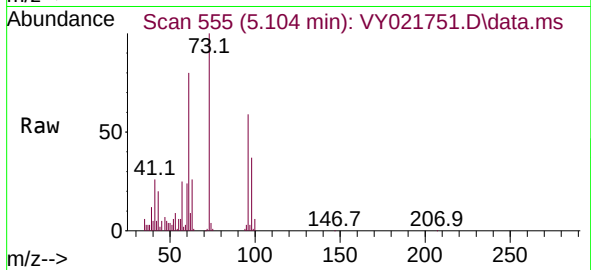




#21
trans-1,2-Dichloroethene
Concen: 19.683 ug/l
RT: 5.104 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

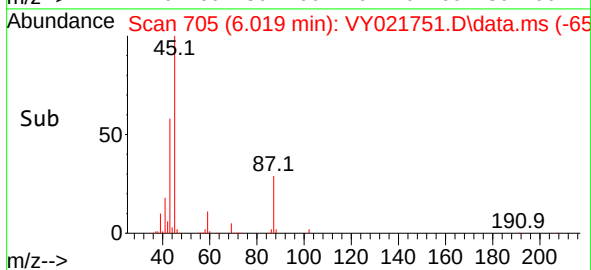
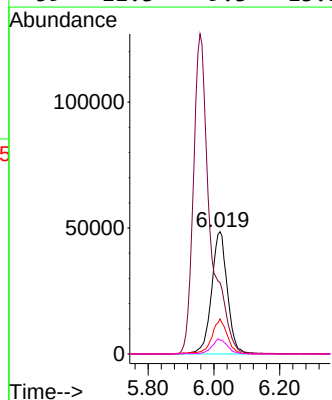
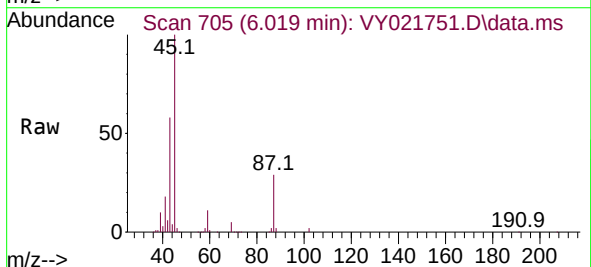
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

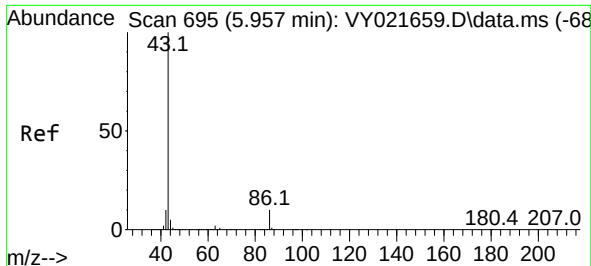
Tgt Ion: 96 Resp: 50731
Ion Ratio Lower Upper
96 100
61 135.4 109.4 164.0
98 61.8 50.2 75.2



#22
Diisopropyl ether
Concen: 20.681 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 45 Resp: 161917
Ion Ratio Lower Upper
45 100
43 57.9 46.6 69.8
87 28.6 20.7 31.1
59 11.3 9.3 13.9

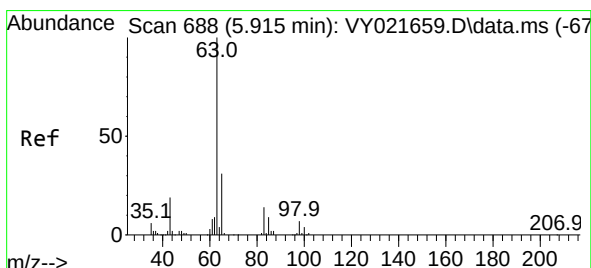
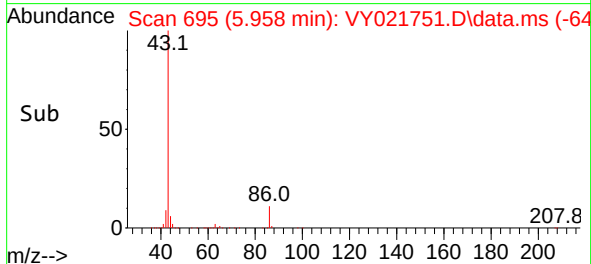
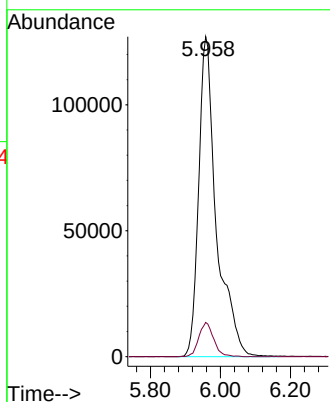
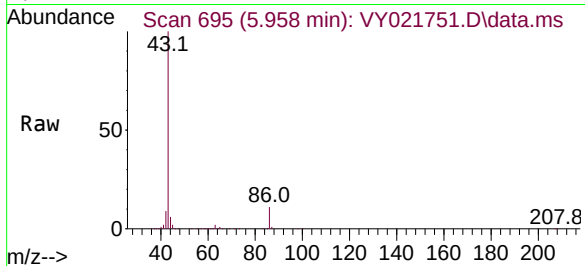




#23
 Vinyl Acetate
 Concen: 97.634 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021751.D
 Acq: 02 Apr 2025 11:20

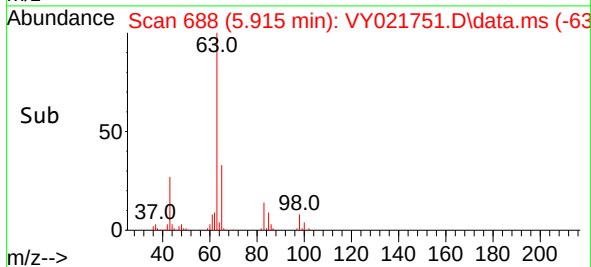
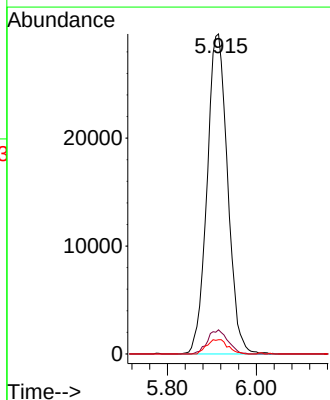
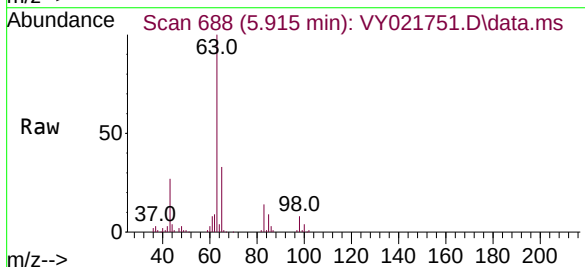
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

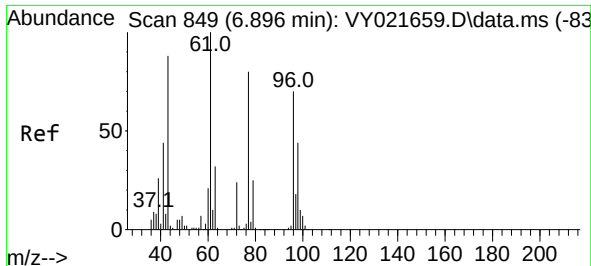
Tgt Ion: 43 Resp: 447188
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.337 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021751.D
 Acq: 02 Apr 2025 11:20

Tgt Ion: 63 Resp: 95210
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 96.547 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

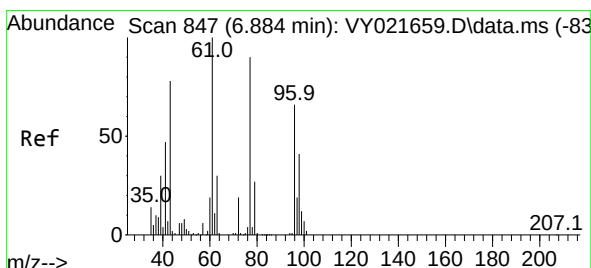
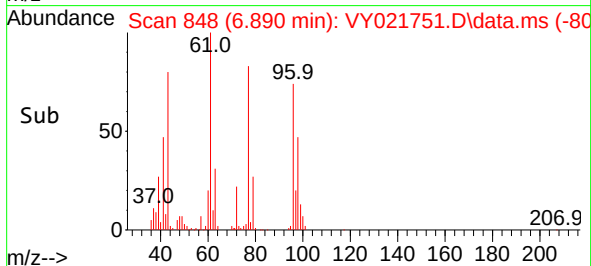
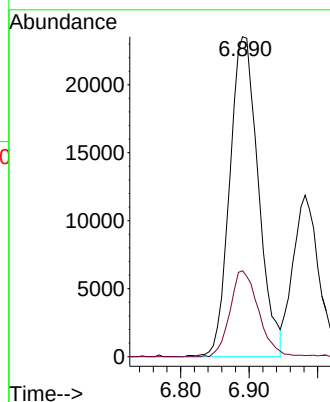
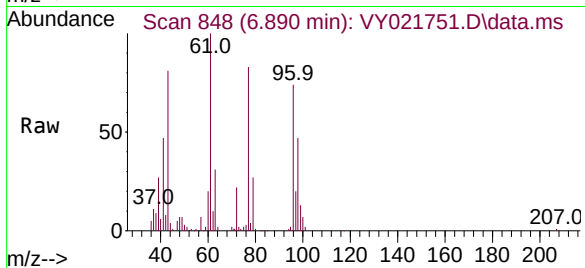
VY0402SBS01

Tgt Ion: 43 Resp: 68243

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.078 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY021751.D

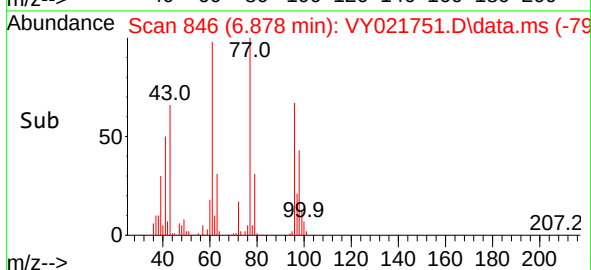
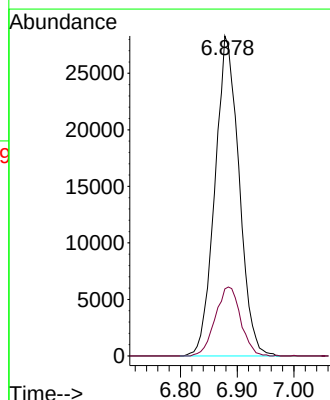
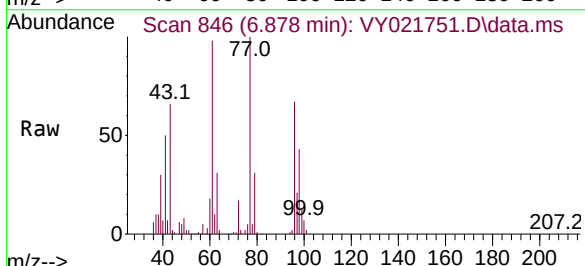
Acq: 02 Apr 2025 11:20

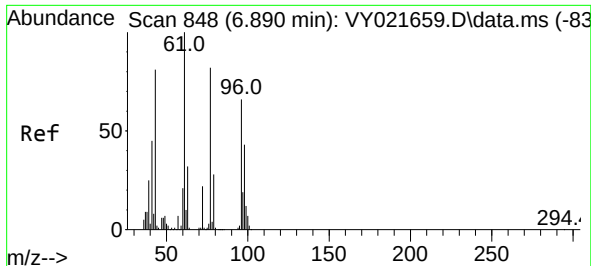
Tgt Ion: 77 Resp: 83612

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.044 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

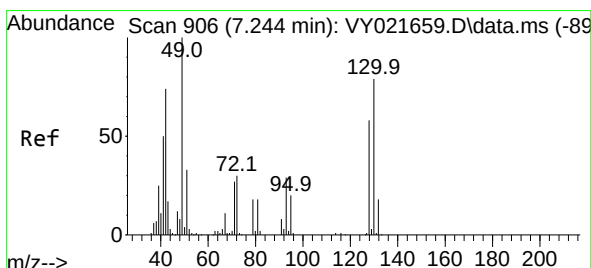
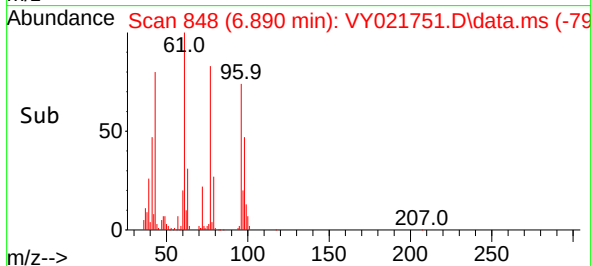
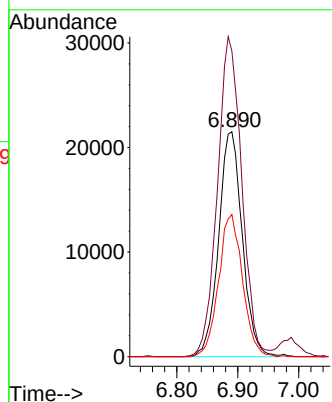
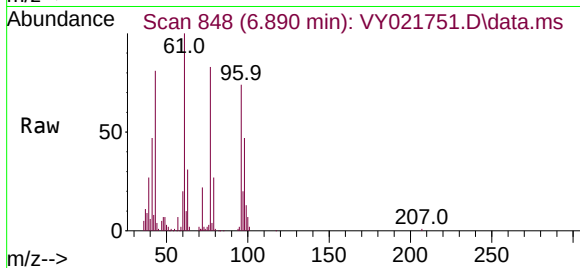
Tgt Ion: 96 Resp: 58098

Ion Ratio Lower Upper

96 100

61 146.0 0.0 296.4

98 64.0 0.0 128.0



#28

Bromochloromethane

Concen: 19.638 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

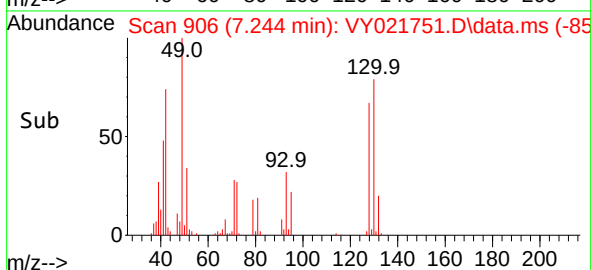
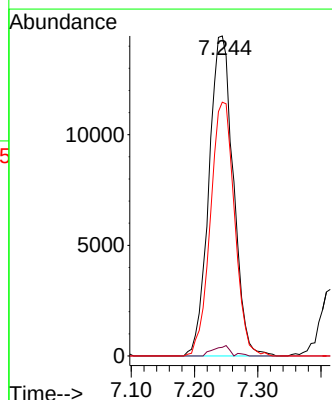
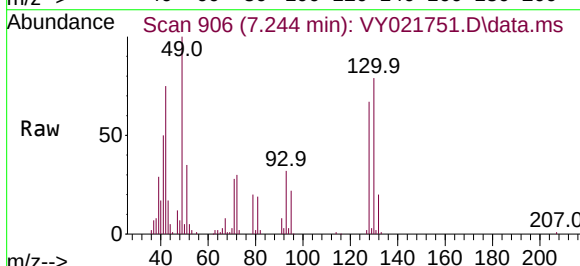
Tgt Ion: 49 Resp: 38774

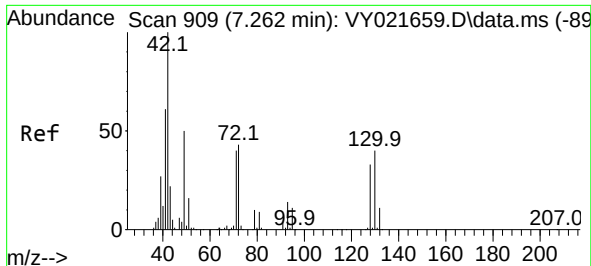
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 78.4 60.1 90.1





#29

Tetrahydrofuran

Concen: 101.029 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

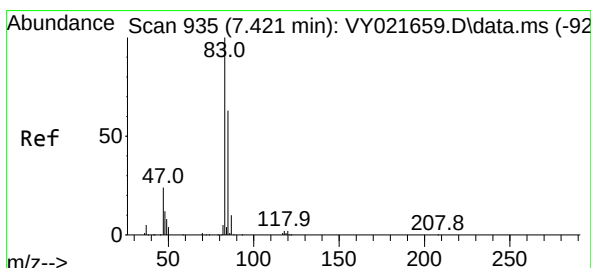
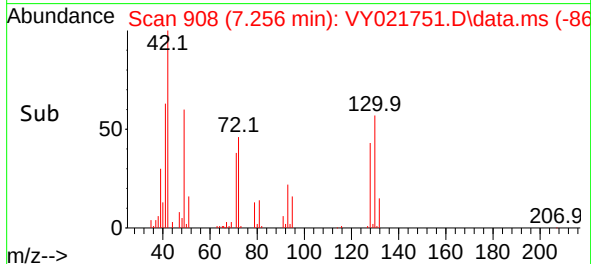
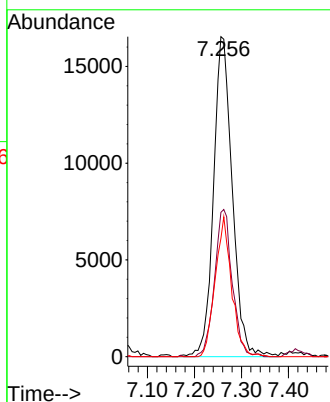
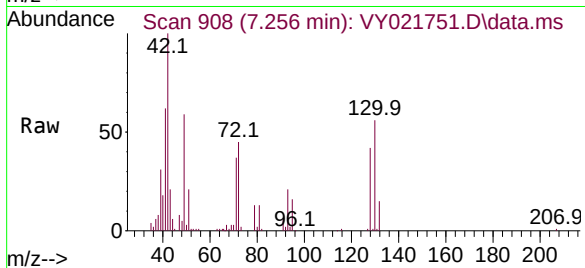
Tgt Ion: 42 Resp: 45959

Ion Ratio Lower Upper

42 100

72 43.4 34.6 52.0

71 38.5 32.5 48.7



#30

Chloroform

Concen: 20.421 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021751.D

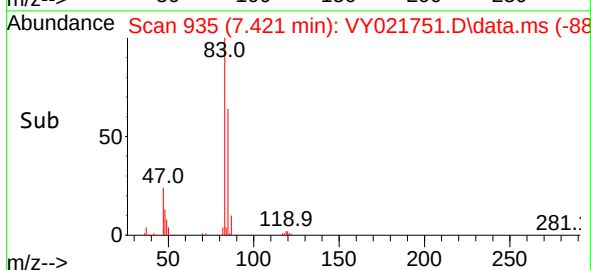
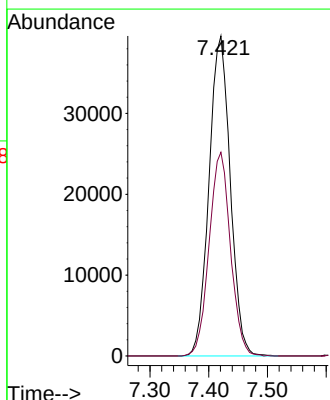
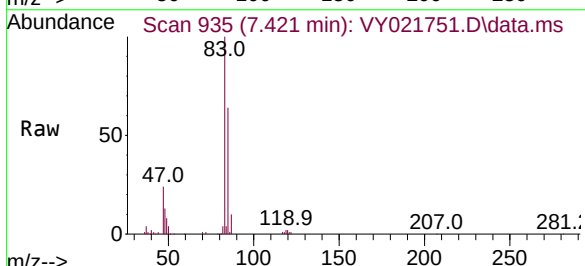
Acq: 02 Apr 2025 11:20

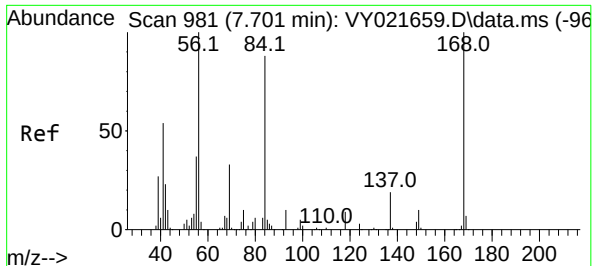
Tgt Ion: 83 Resp: 99438

Ion Ratio Lower Upper

83 100

85 63.7 50.6 75.8





#31

Cyclohexane

Concen: 18.815 ug/l

RT: 7.695 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

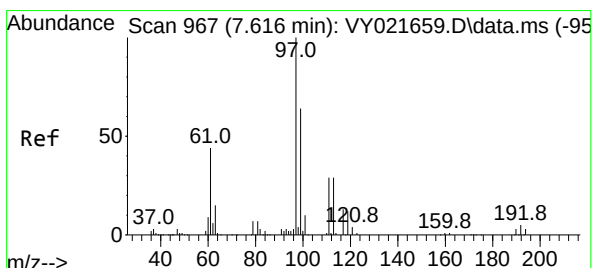
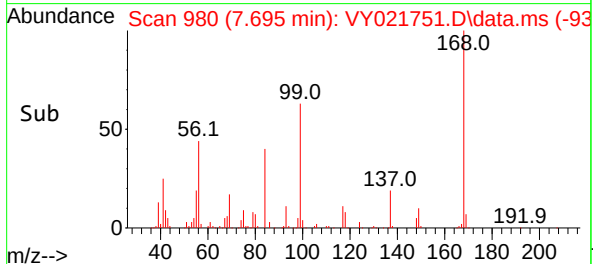
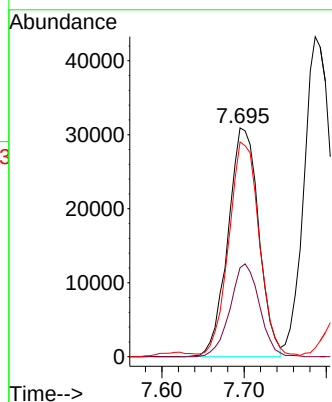
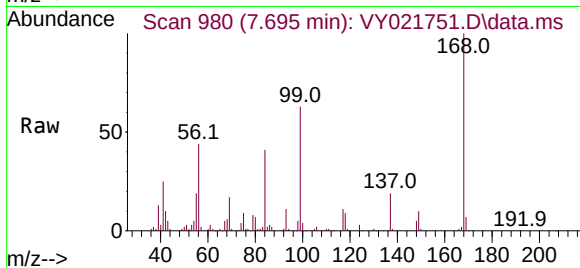
Tgt Ion: 56 Resp: 80296

Ion Ratio Lower Upper

56 100

69 38.9 26.6 40.0

84 91.9 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 20.001 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

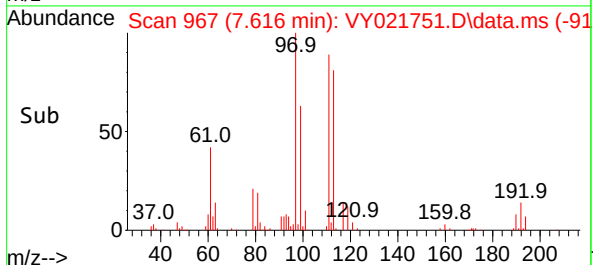
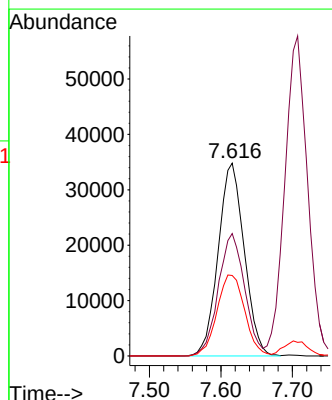
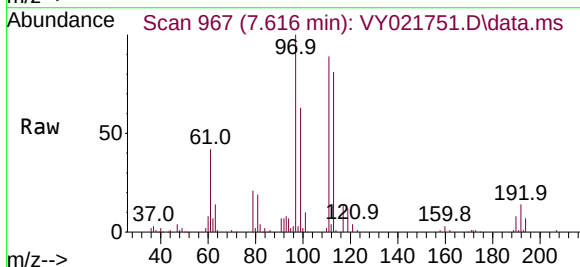
Tgt Ion: 97 Resp: 88023

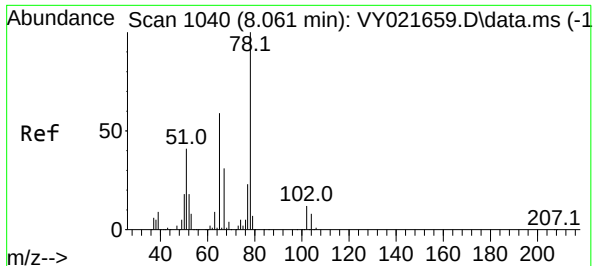
Ion Ratio Lower Upper

97 100

99 64.1 50.7 76.1

61 44.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.829 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

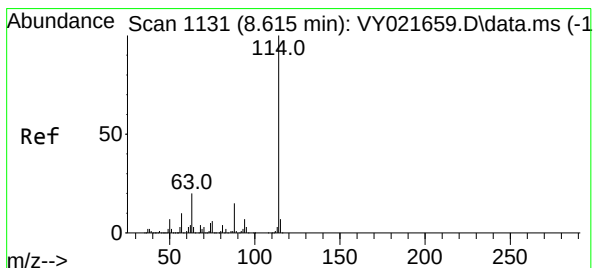
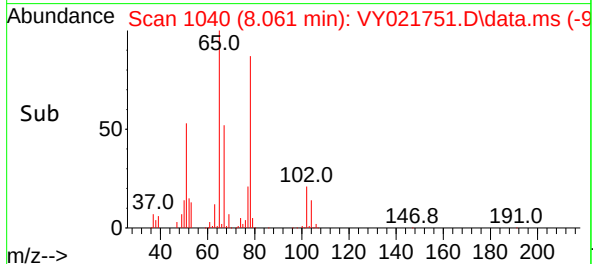
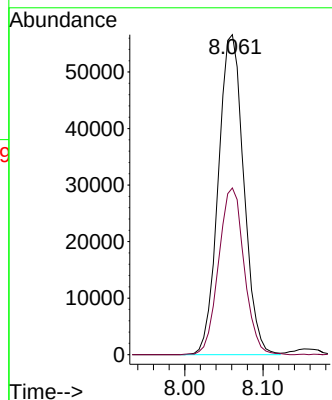
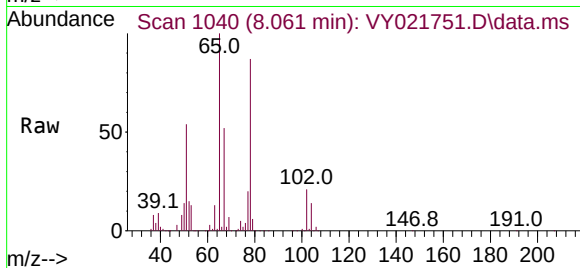
VY0402SBS01

Tgt Ion: 65 Resp: 127742

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

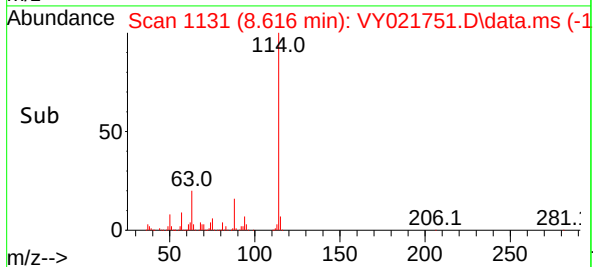
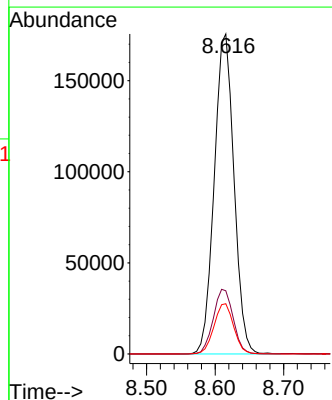
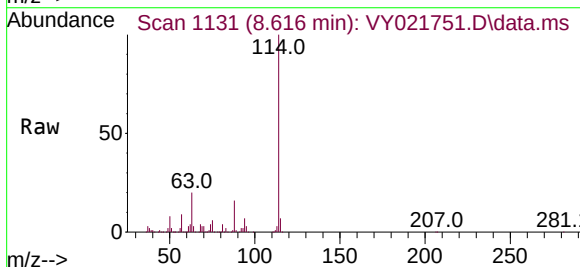
Tgt Ion: 114 Resp: 350920

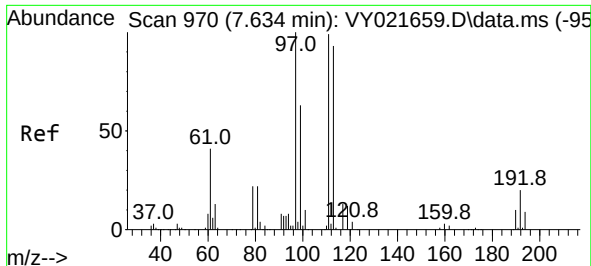
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.7 0.0 29.8

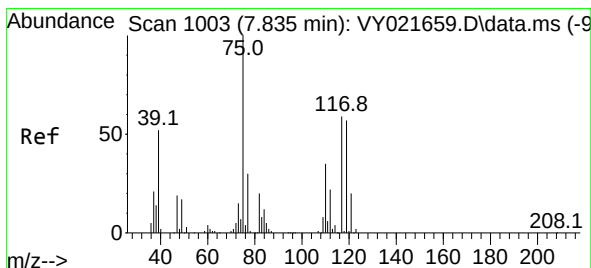
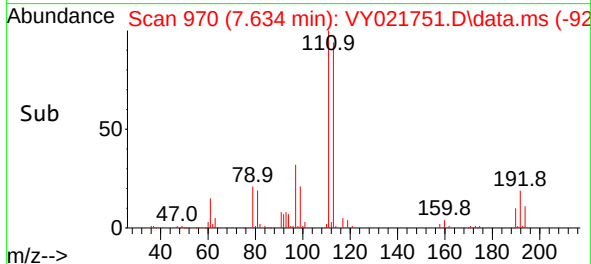
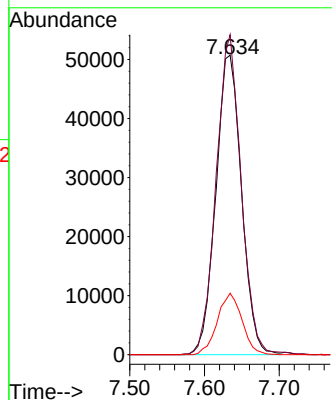
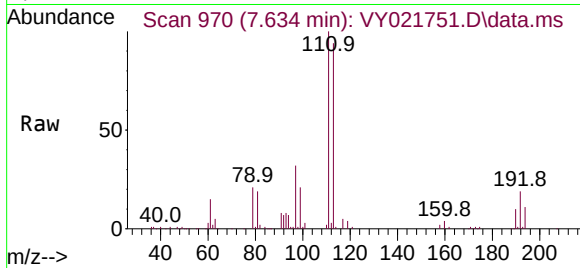




#35
Dibromofluoromethane
Concen: 53.293 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

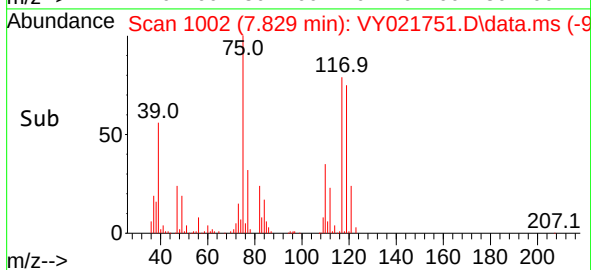
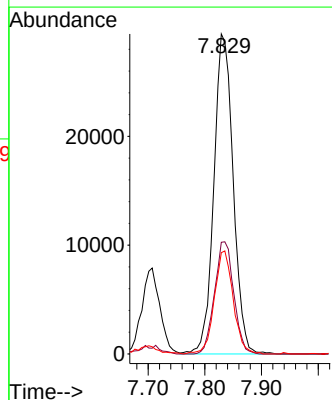
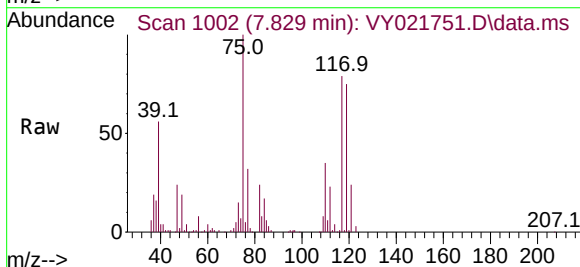
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

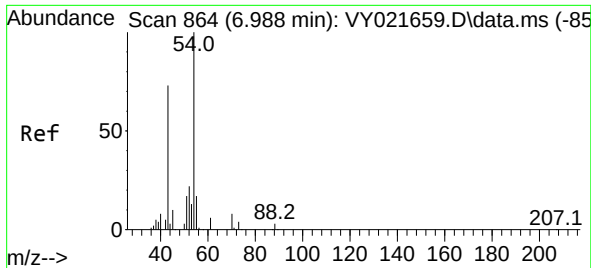
Tgt Ion:113 Resp: 121315
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.098 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 75 Resp: 69686
Ion Ratio Lower Upper
75 100
110 34.8 17.0 50.9
77 31.4 24.8 37.2

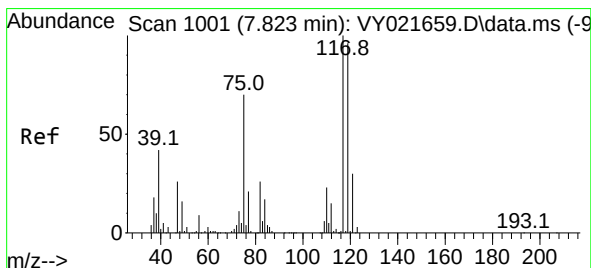
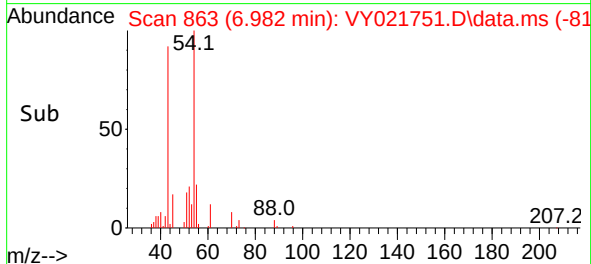
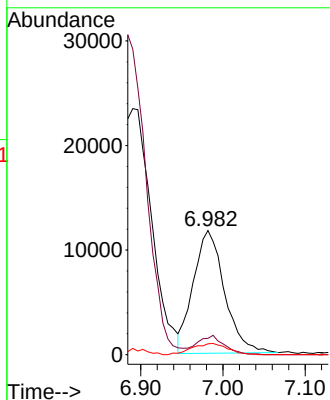
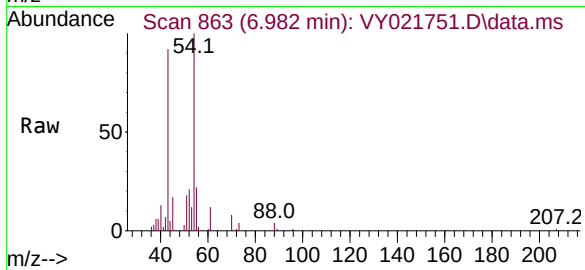




#37
Ethyl Acetate
Concen: 18.957 ug/l
RT: 6.982 min Scan# 810
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

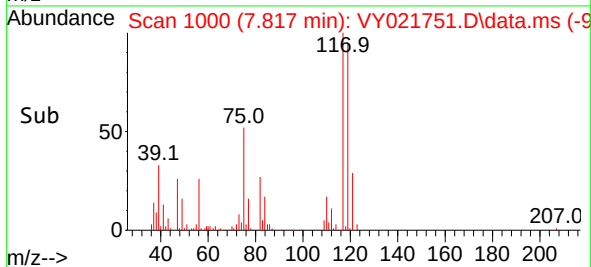
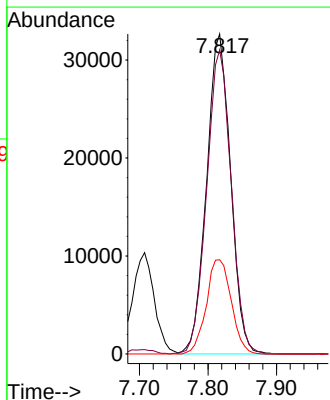
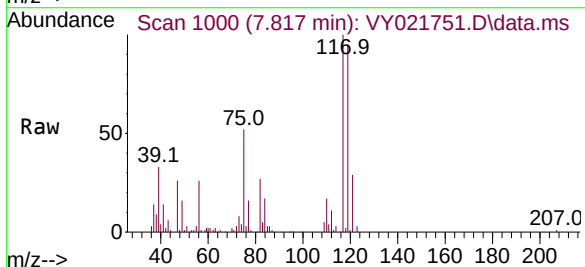
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

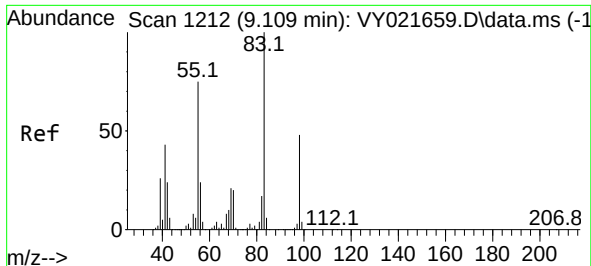
Tgt Ion: 43 Resp: 31020
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.075 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 117 Resp: 79723
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4
121 29.4 24.2 36.4





#39

Methylcyclohexane

Concen: 19.715 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

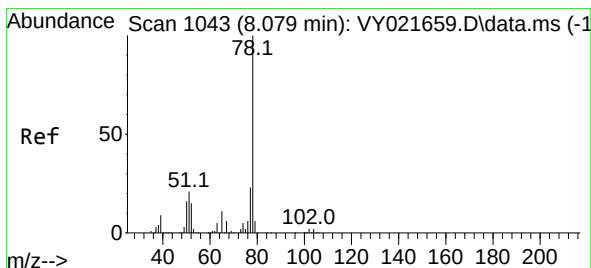
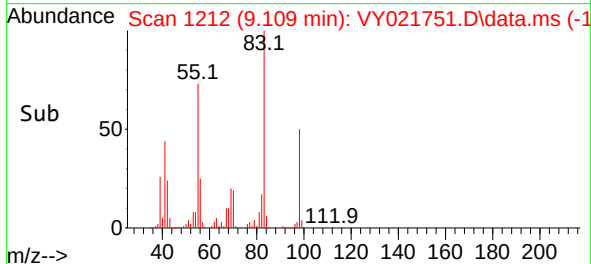
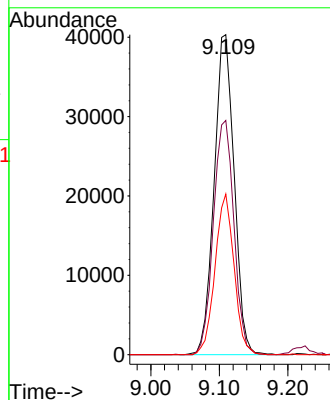
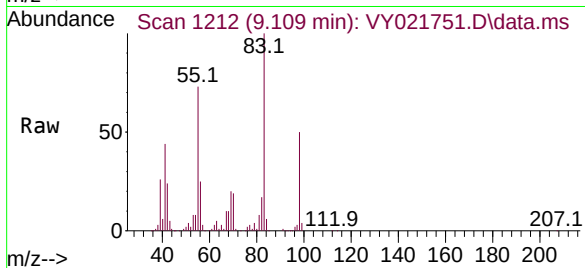
Tgt Ion: 83 Resp: 81659

Ion Ratio Lower Upper

83 100

55 73.2 59.7 89.5

98 50.2 38.3 57.5



#40

Benzene

Concen: 20.694 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021751.D

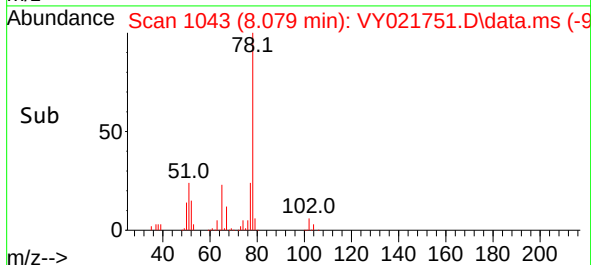
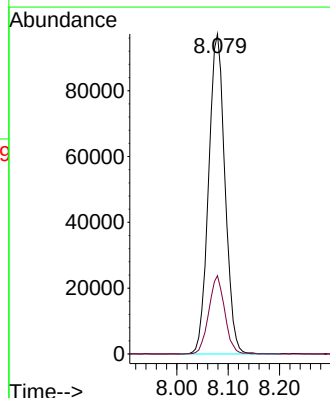
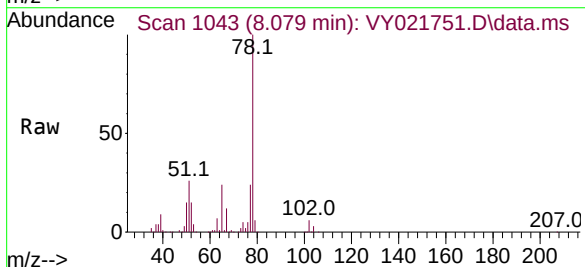
Acq: 02 Apr 2025 11:20

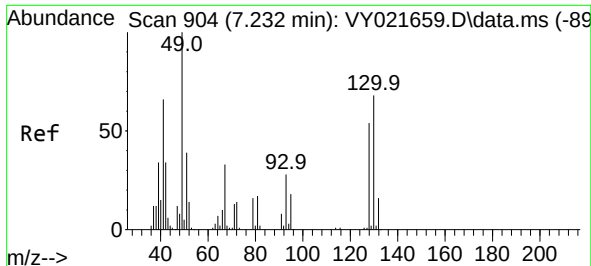
Tgt Ion: 78 Resp: 214875

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2

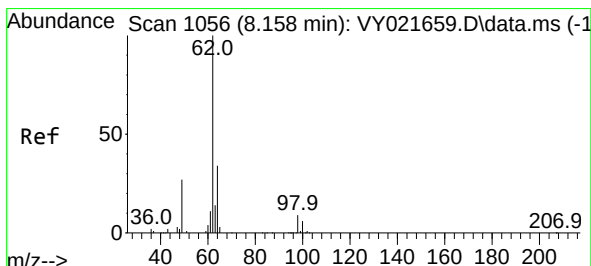
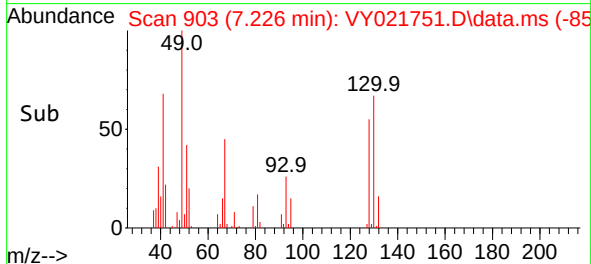
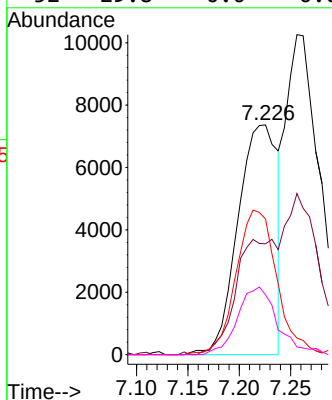
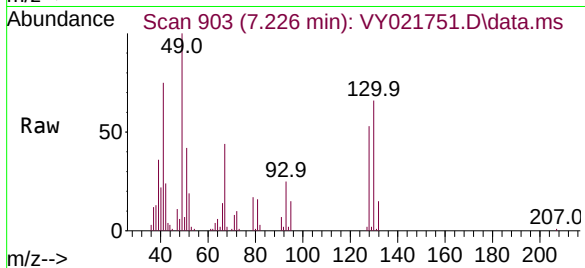




#41
Methacrylonitrile
Concen: 22.619 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

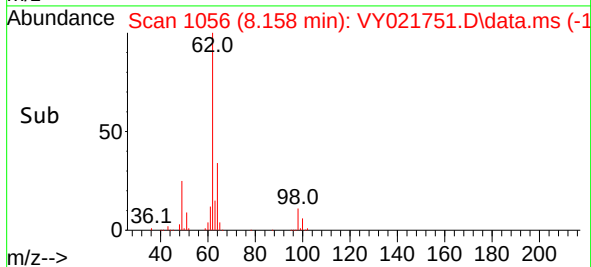
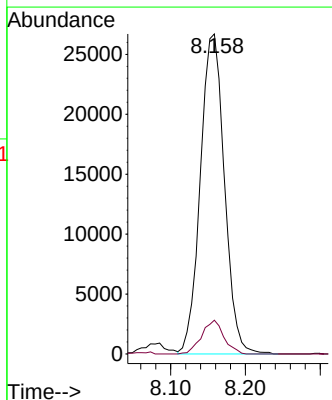
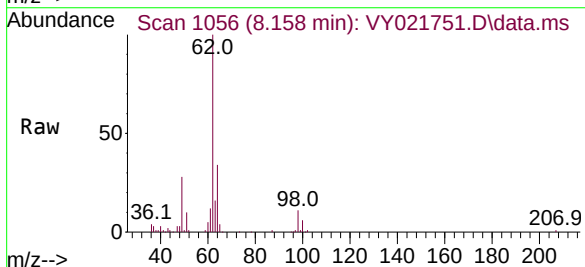
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

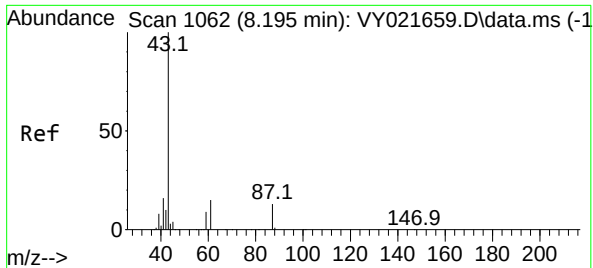
Tgt Ion:	41	Resp:	19656
Ion	Ratio	Lower	Upper
41	100		
39	39.8	0.0	0.0#
67	65.0	0.0	0.0#
52	29.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.465 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:	62	Resp:	59907
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.4

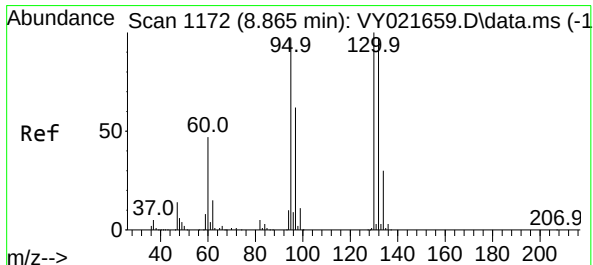
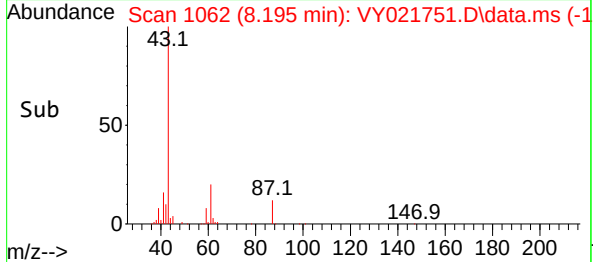
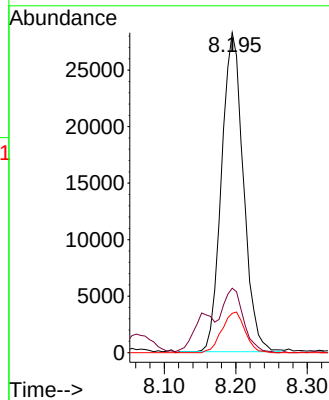
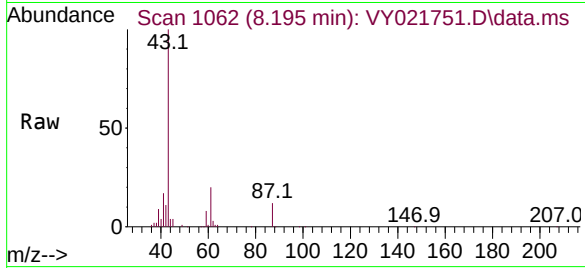




#43
Isopropyl Acetate
Concen: 19.286 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

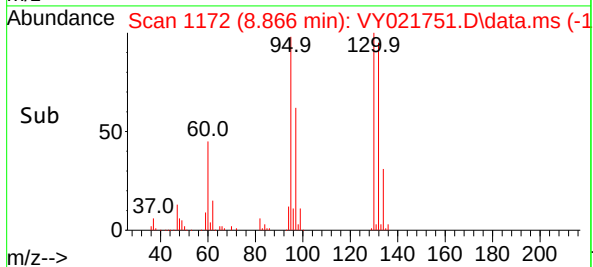
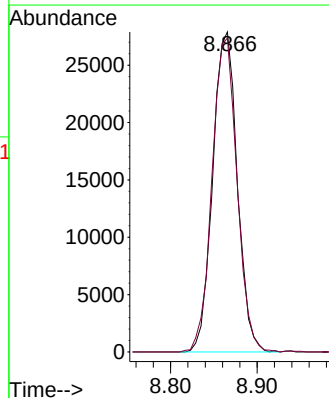
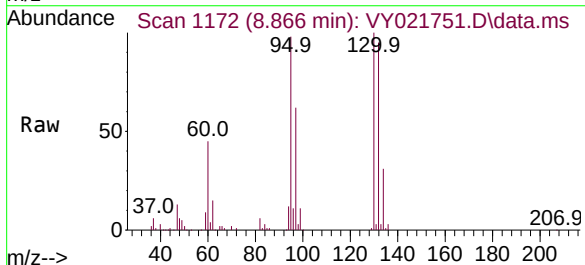
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

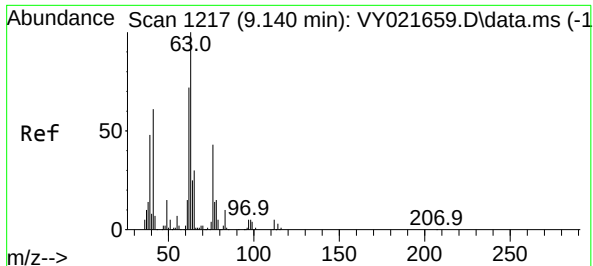
Tgt Ion: 43 Resp: 59806
Ion Ratio Lower Upper
43 100
61 20.0 15.9 23.9
87 13.4 10.4 15.6



#44
Trichloroethene
Concen: 20.759 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:130 Resp: 54920
Ion Ratio Lower Upper
130 100
95 98.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.524 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

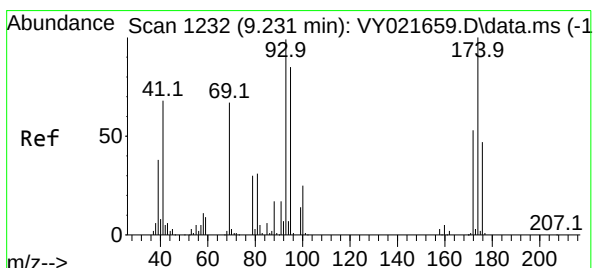
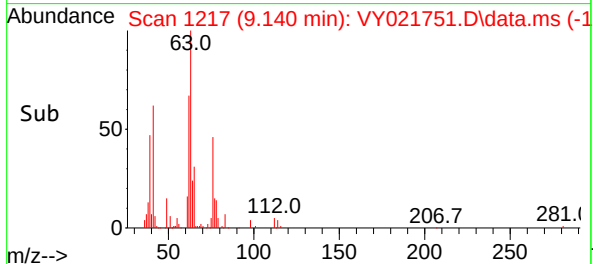
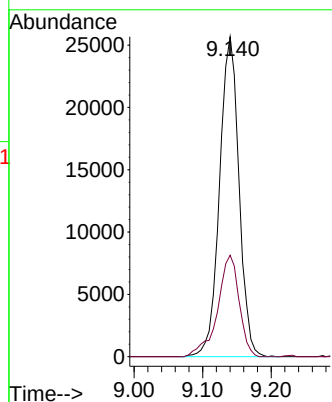
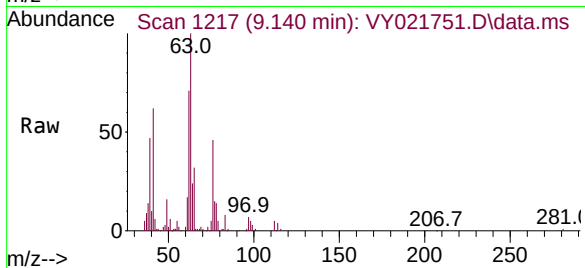
VY0402SBS01

Tgt Ion: 63 Resp: 50445

Ion Ratio Lower Upper

63 100

65 31.7 24.4 36.6



#46

Dibromomethane

Concen: 20.232 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

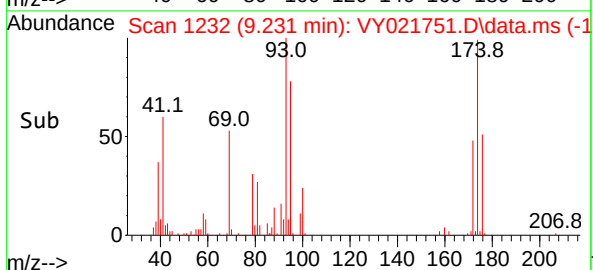
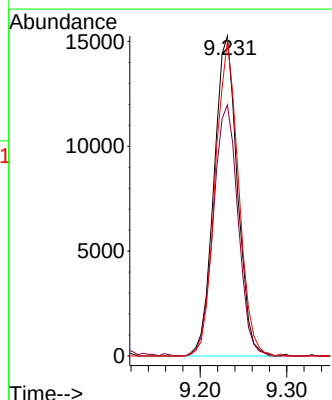
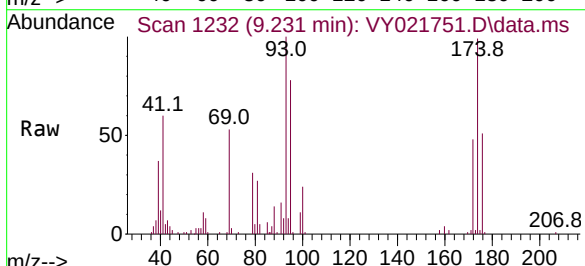
Tgt Ion: 93 Resp: 28659

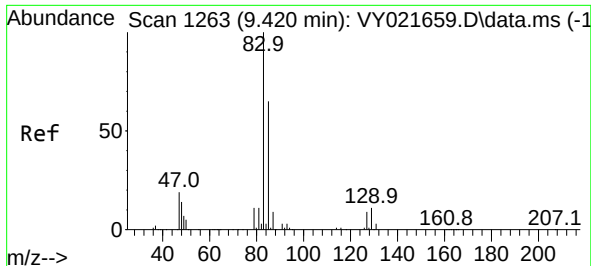
Ion Ratio Lower Upper

93 100

95 82.1 68.1 102.1

174 98.2 80.9 121.3

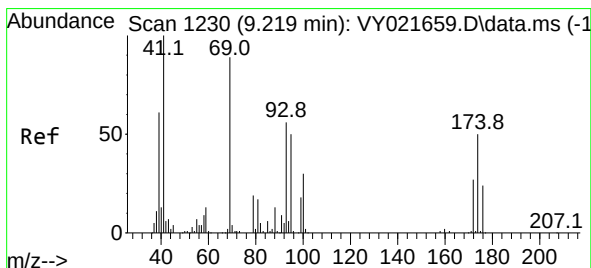
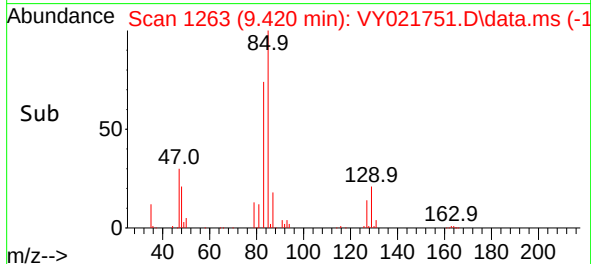
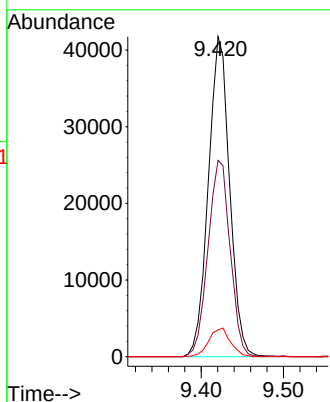
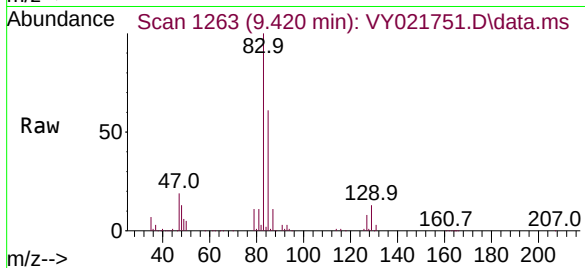




#47
Bromodichloromethane
Concen: 20.382 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

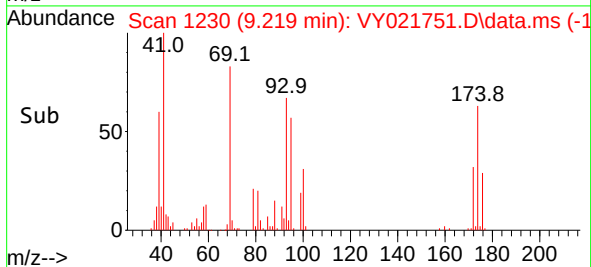
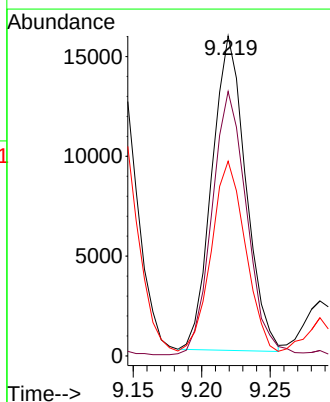
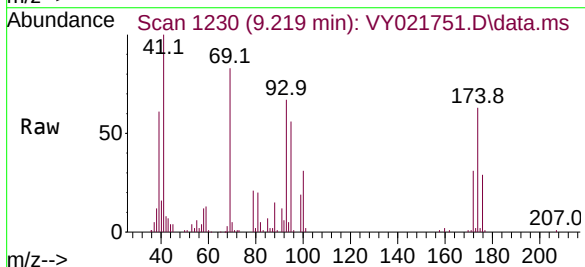
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

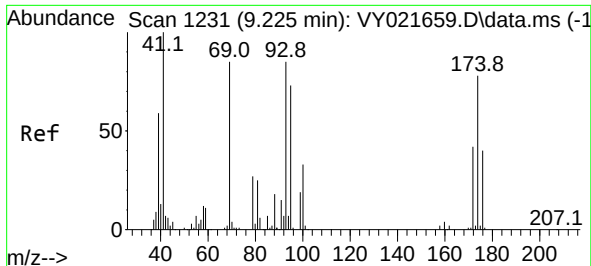
Tgt Ion: 83 Resp: 74811
Ion Ratio Lower Upper
83 100
85 61.3 51.8 77.6
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 19.050 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 41 Resp: 27112
Ion Ratio Lower Upper
41 100
69 85.8 69.8 104.8
39 61.3 47.2 70.8

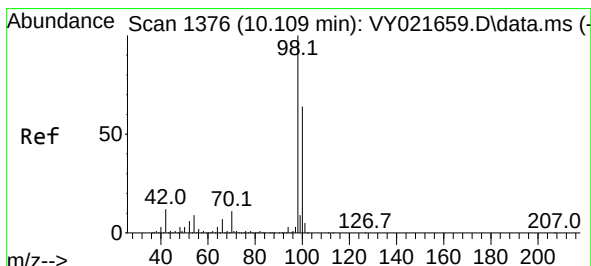
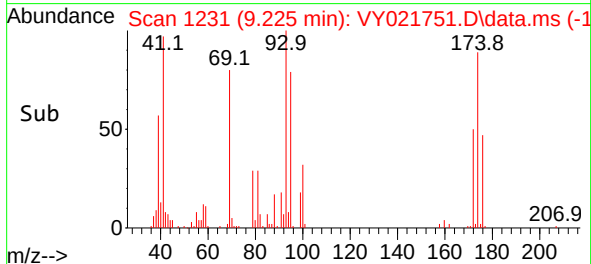
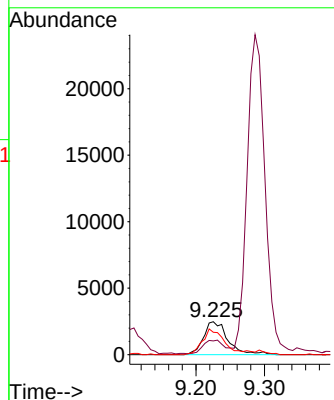
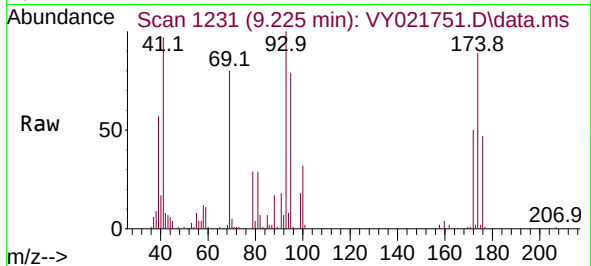




#49
1,4-Dioxane
Concen: 404.230 ug/l
RT: 9.225 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

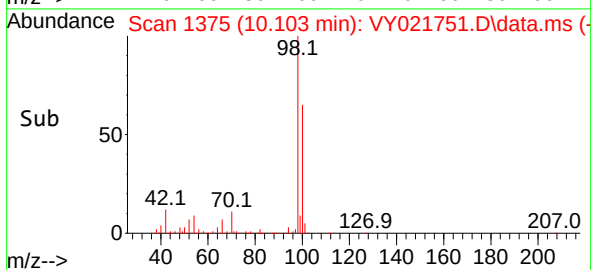
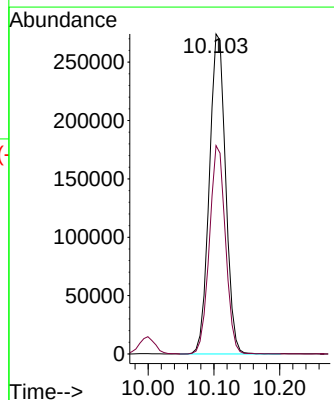
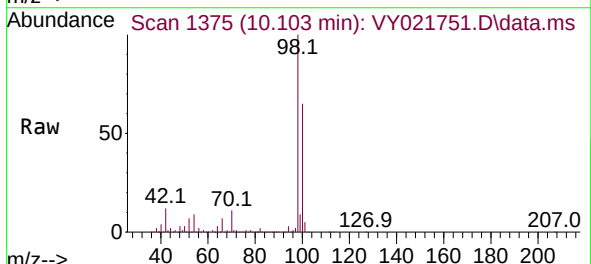
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

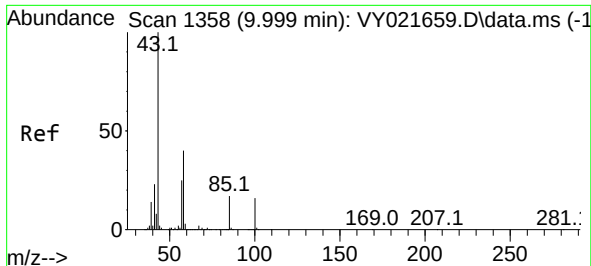
Tgt Ion: 88 Resp: 6134
Ion Ratio Lower Upper
88 100
43 35.3 28.8 43.2
58 73.4 59.4 89.2



#50
Toluene-d8
Concen: 54.511 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 98 Resp: 472062
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 98.099 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

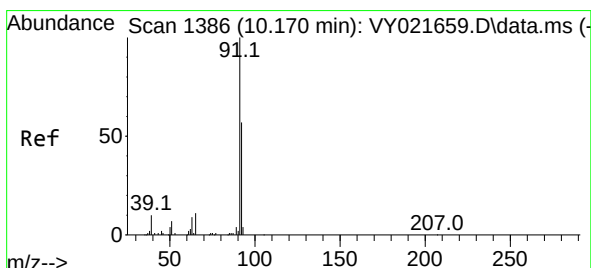
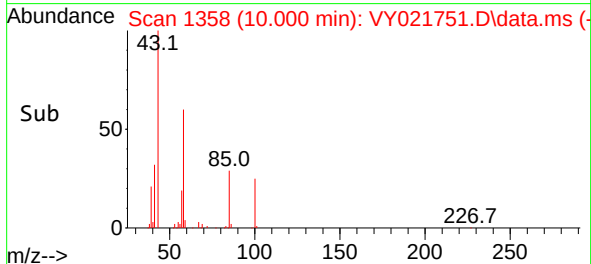
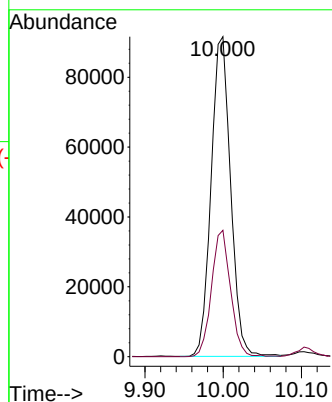
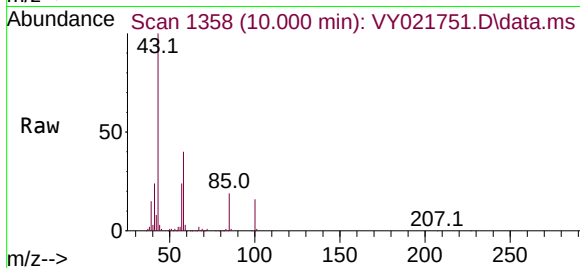
VY0402SBS01

Tgt Ion: 43 Resp: 158307

Ion Ratio Lower Upper

43 100

58 38.7 31.5 47.3



#52

Toluene

Concen: 20.769 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021751.D

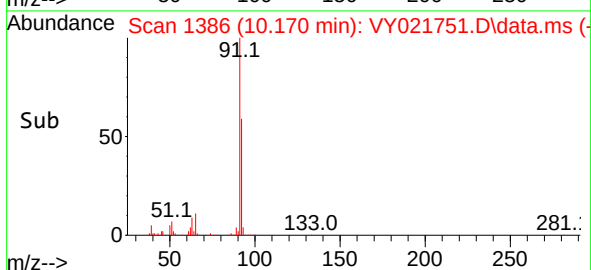
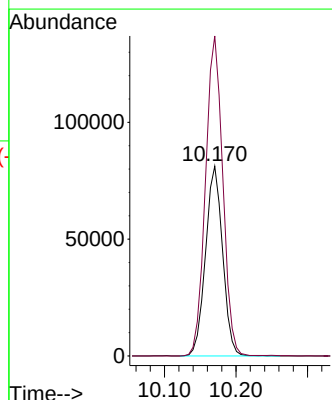
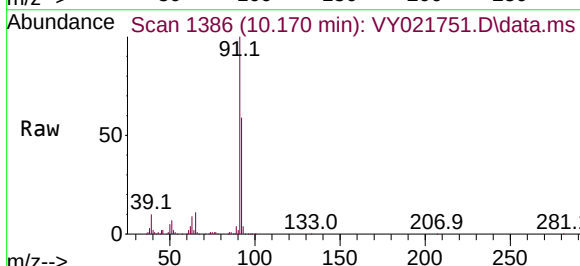
Acq: 02 Apr 2025 11:20

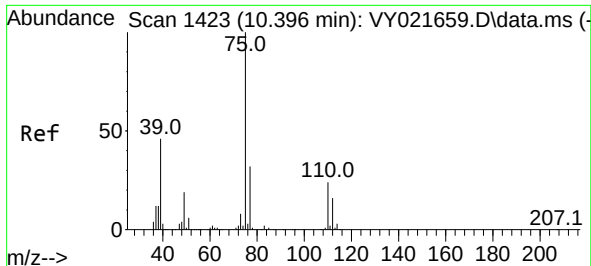
Tgt Ion: 92 Resp: 134550

Ion Ratio Lower Upper

92 100

91 170.8 138.6 207.8

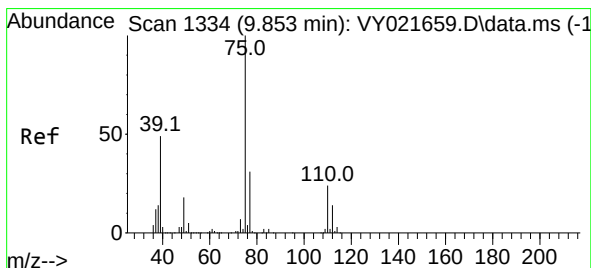
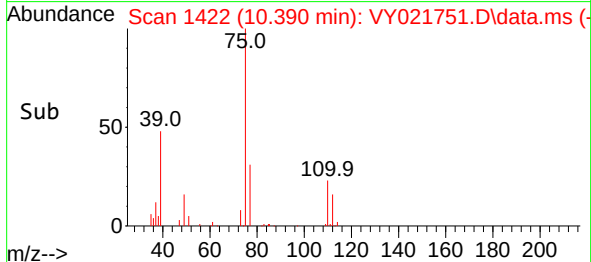
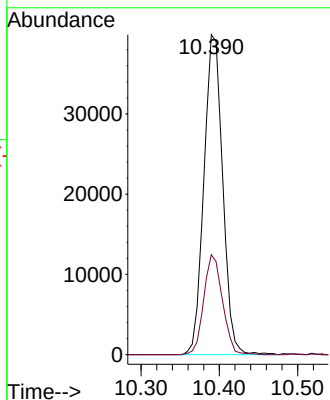
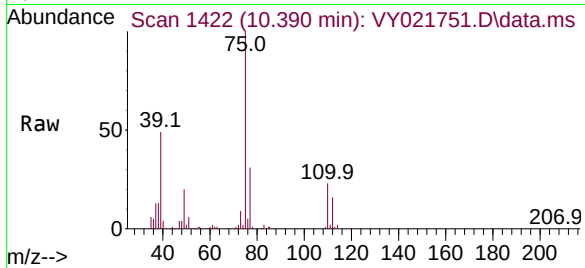




#53
t-1,3-Dichloropropene
Concen: 20.355 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

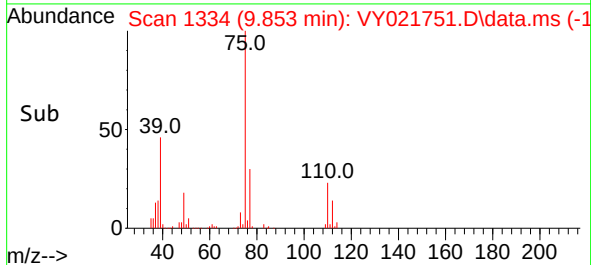
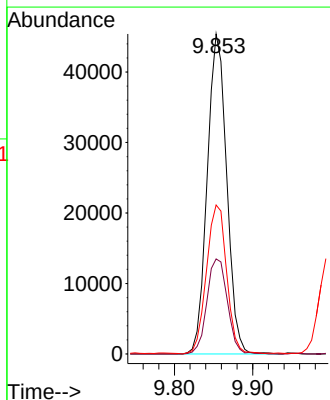
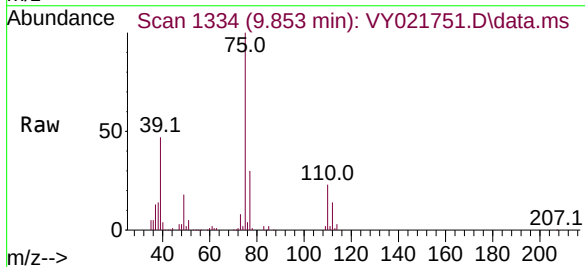
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

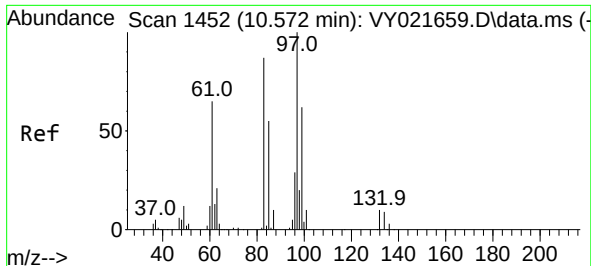
Tgt Ion: 75 Resp: 66360
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.364 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 75 Resp: 78324
Ion Ratio Lower Upper
75 100
77 29.7 24.9 37.3
39 46.4 39.2 58.8

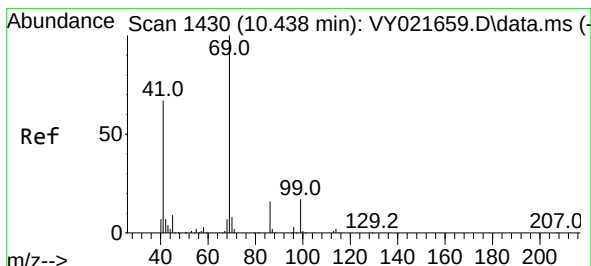
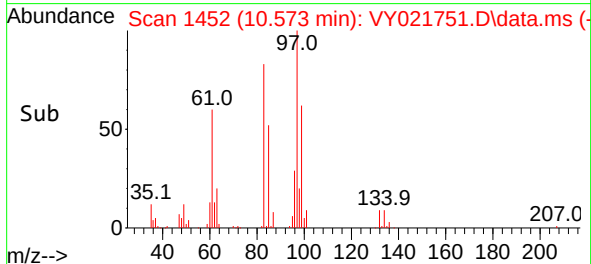
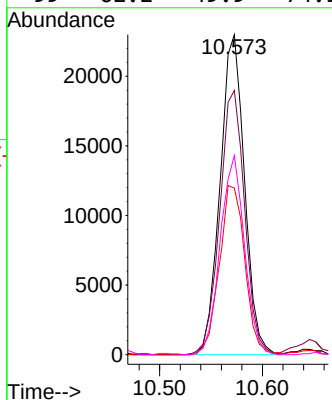
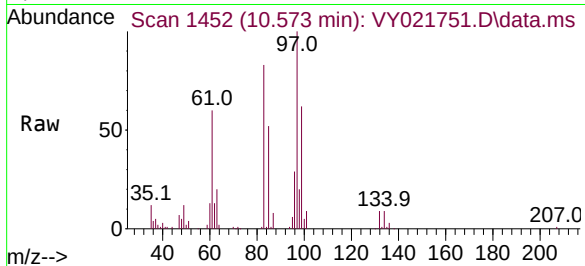




#55
1,1,2-Trichloroethane
Concen: 20.782 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

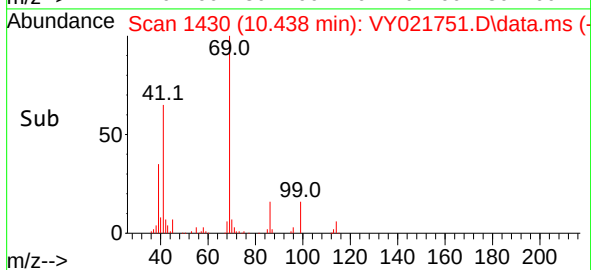
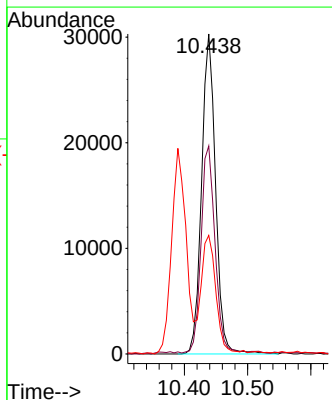
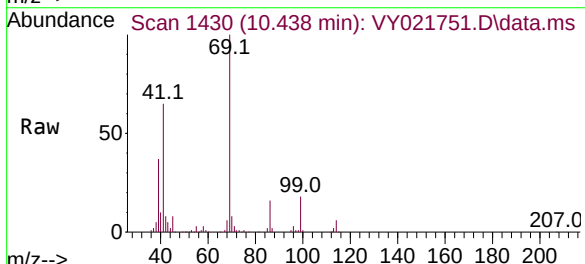
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

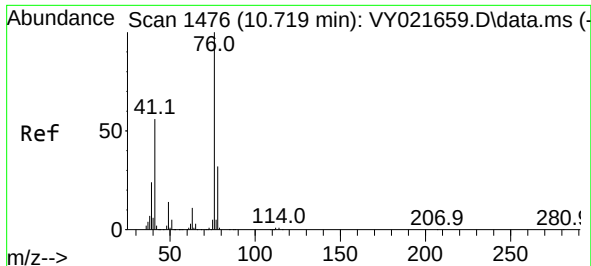
Tgt Ion:	97	Resp:	37883
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.5	104.3
85	52.0	43.9	65.9
99	62.2	49.9	74.9



#56
Ethyl methacrylate
Concen: 20.013 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:	69	Resp:	46583
Ion	Ratio	Lower	Upper
69	100		
41	64.7	53.8	80.6
39	39.1	29.6	44.4





#57

1,3-Dichloropropane

Concen: 20.422 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

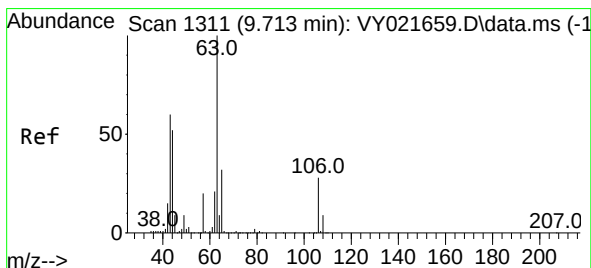
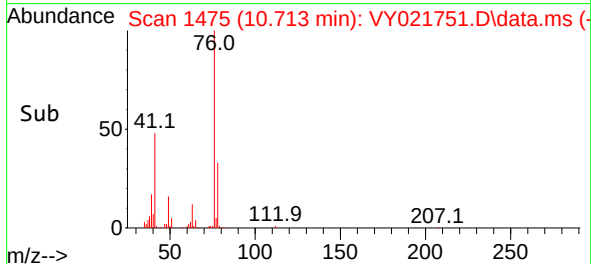
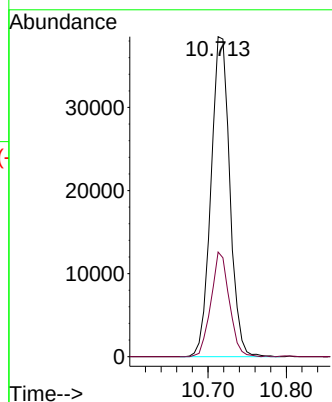
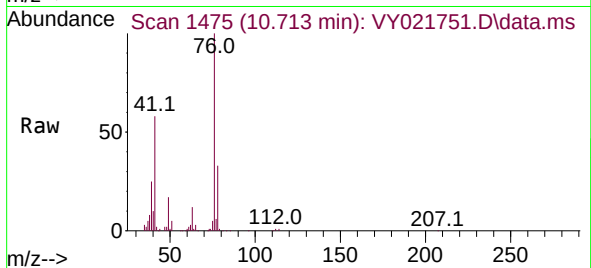
VY0402SBSD01

Tgt Ion: 76 Resp: 64294

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.204 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021751.D

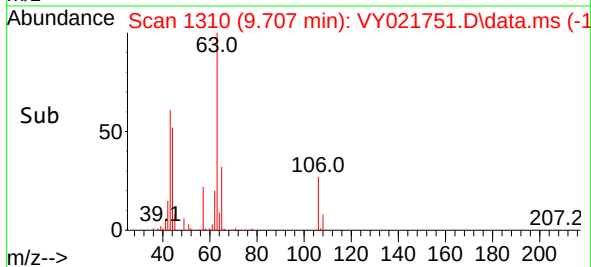
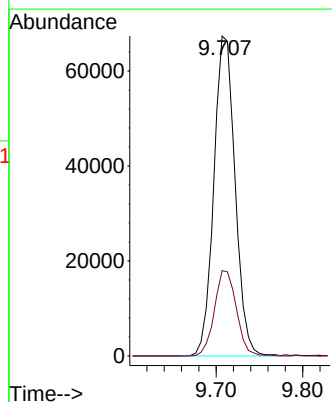
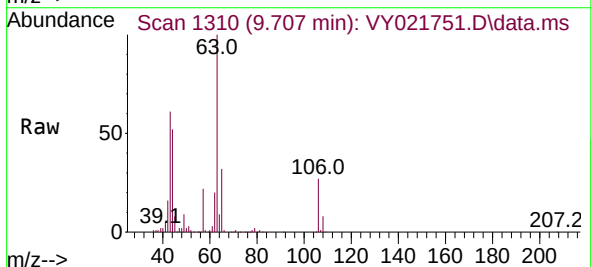
Acq: 02 Apr 2025 11:20

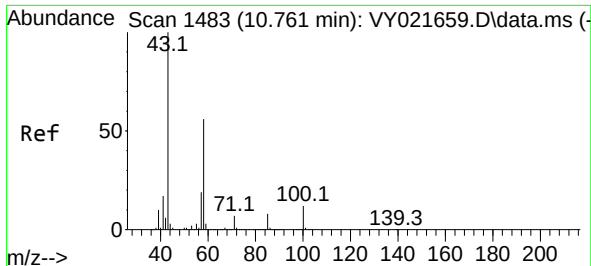
Tgt Ion: 63 Resp: 114916

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

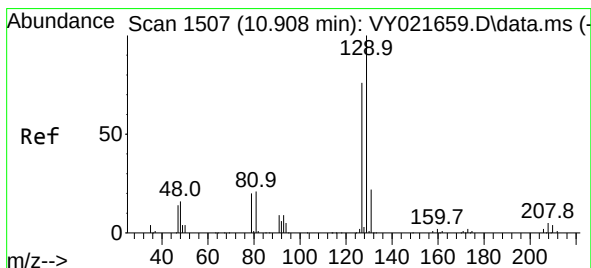
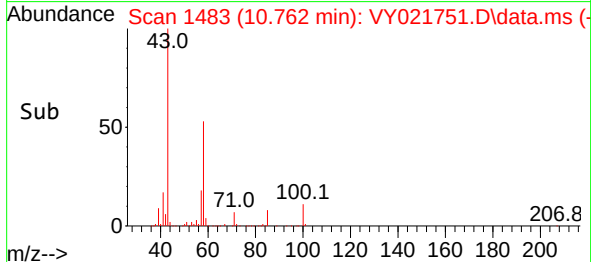
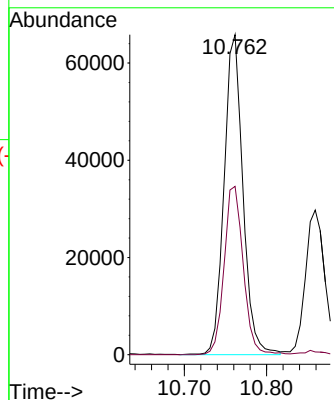
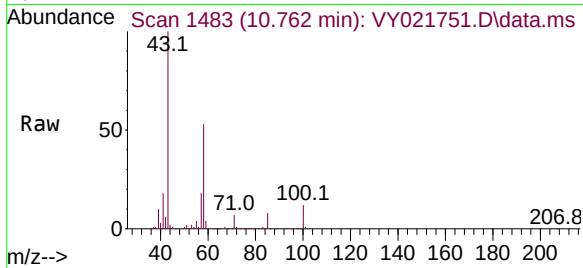




#59
2-Hexanone
Concen: 97.509 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

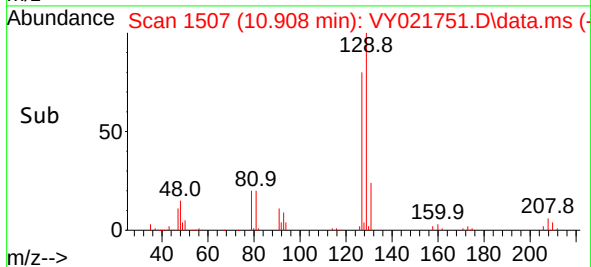
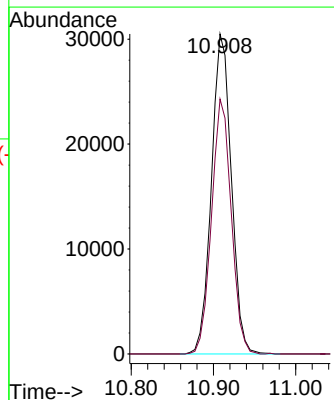
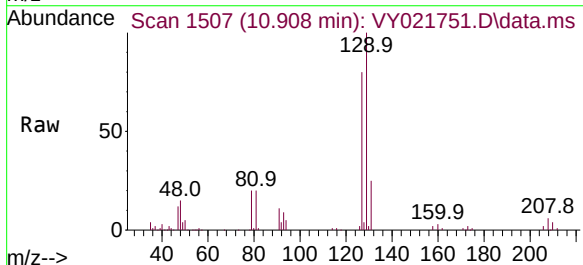
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

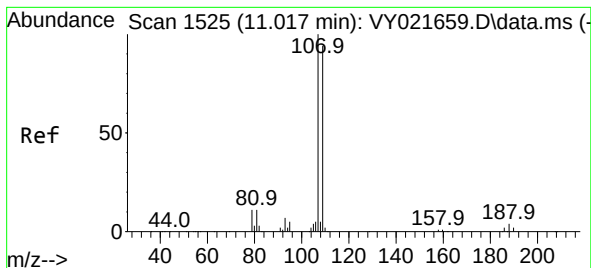
Tgt Ion: 43 Resp: 104796
Ion Ratio Lower Upper
43 100
58 53.5 27.2 81.5



#60
Dibromochloromethane
Concen: 20.569 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:129 Resp: 51193
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.7

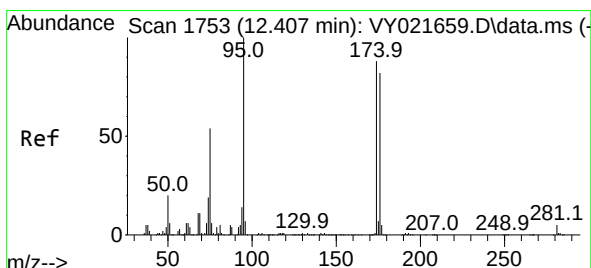
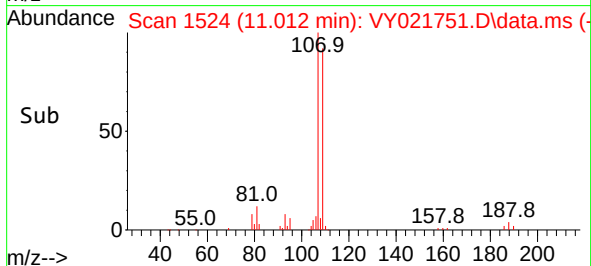
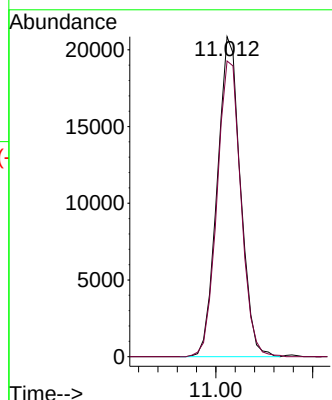
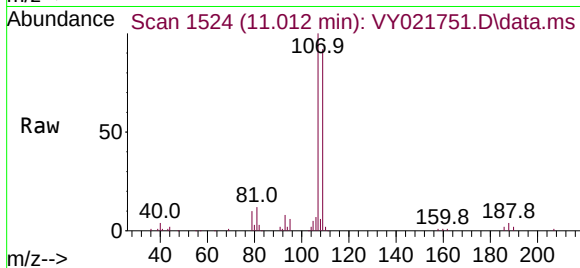




#61
1,2-Dibromoethane
Concen: 20.278 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

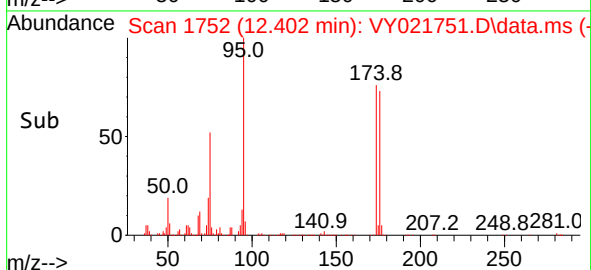
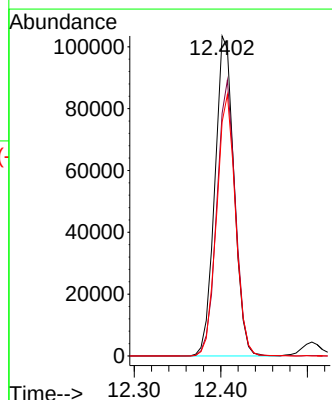
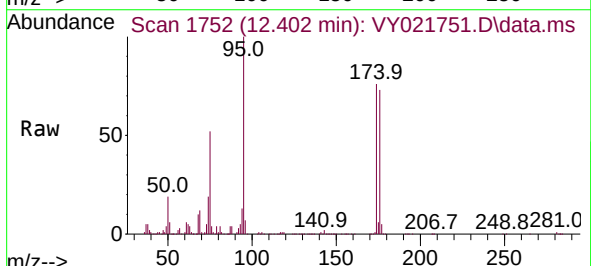
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

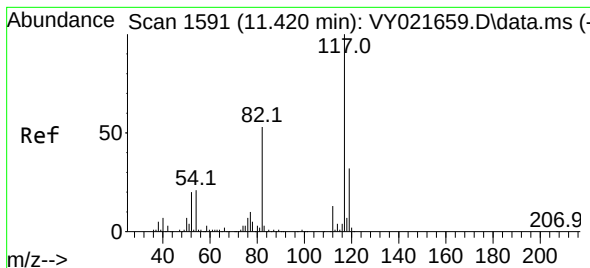
Tgt Ion:107 Resp: 34676
Ion Ratio Lower Upper
107 100
109 95.0 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.383 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 95 Resp: 159298
Ion Ratio Lower Upper
95 100
174 83.4 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: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

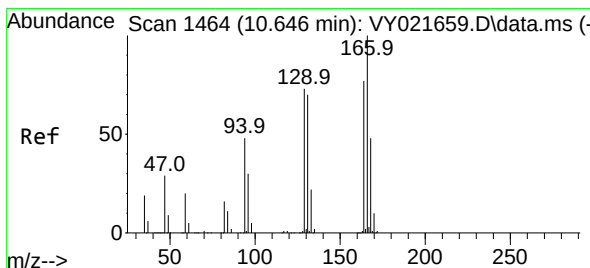
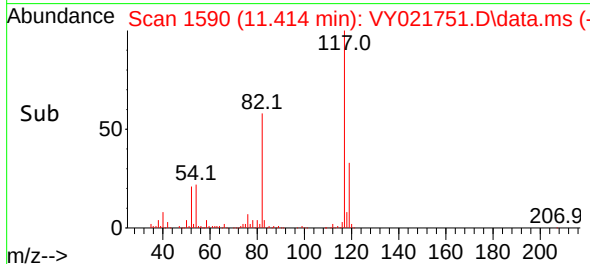
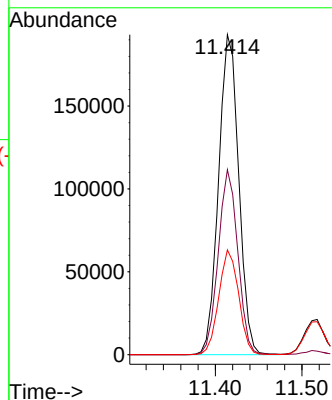
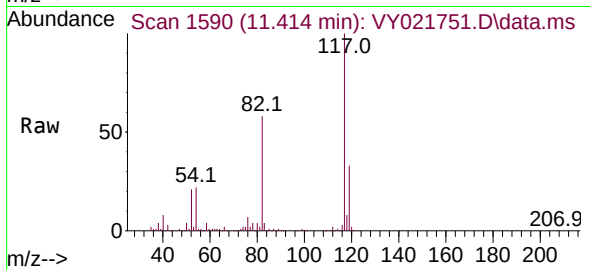
Tgt Ion:117 Resp: 312498

Ion Ratio Lower Upper

117 100

82 57.8 42.8 64.2

119 32.8 25.7 38.5



#64

Tetrachloroethene

Concen: 22.175 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Tgt Ion:164 Resp: 63114

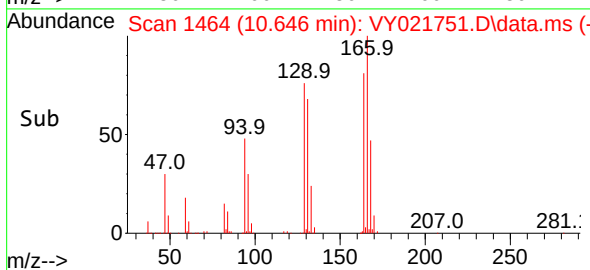
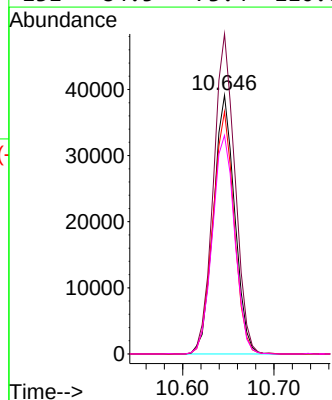
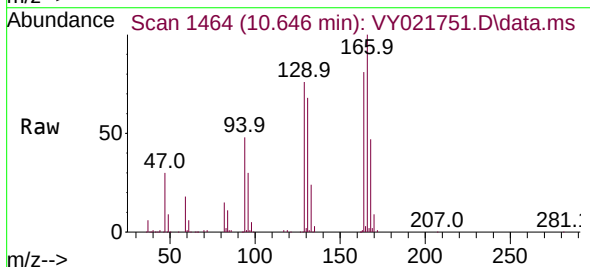
Ion Ratio Lower Upper

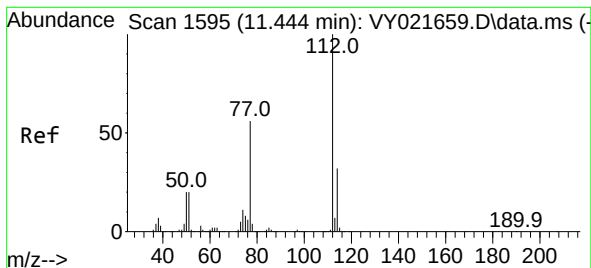
164 100

166 123.7 104.6 156.8

129 93.6 76.6 114.8

131 84.5 73.4 110.0





#65

Chlorobenzene

Concen: 20.472 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

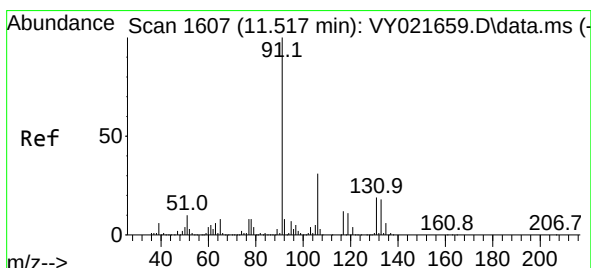
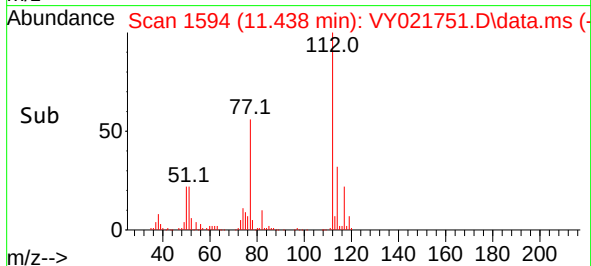
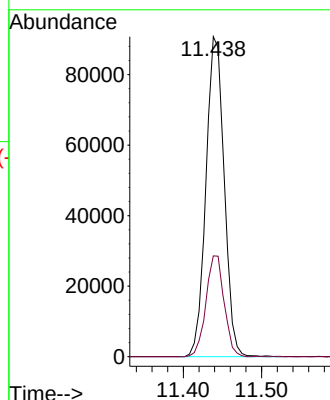
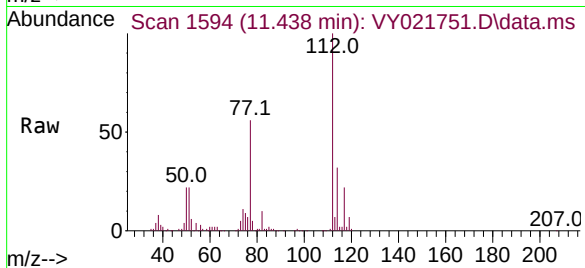
VY0402SBS01

Tgt Ion:112 Resp: 146651

Ion Ratio Lower Upper

112 100

114 31.5 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.245 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

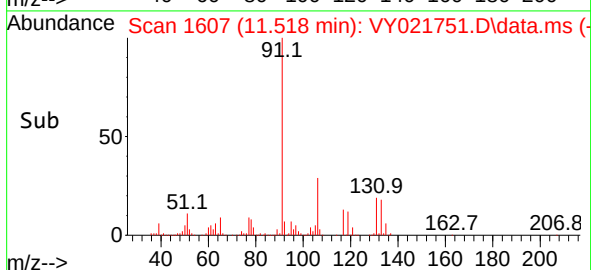
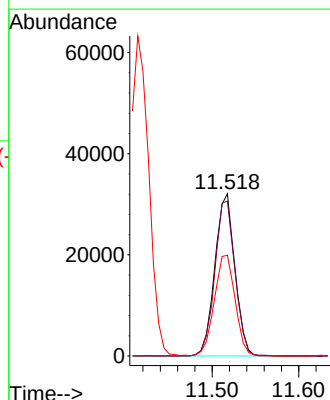
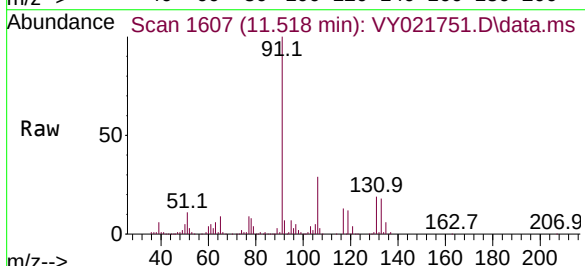
Tgt Ion:131 Resp: 51455

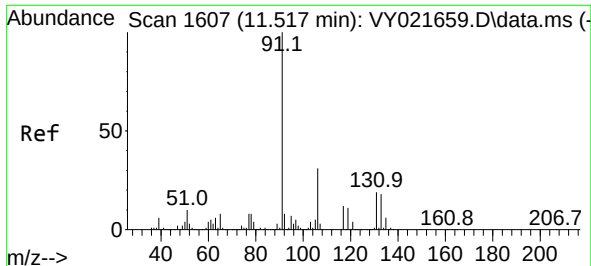
Ion Ratio Lower Upper

131 100

133 96.8 47.3 141.8

119 64.5 31.6 95.0





#67

Ethyl Benzene

Concen: 20.123 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

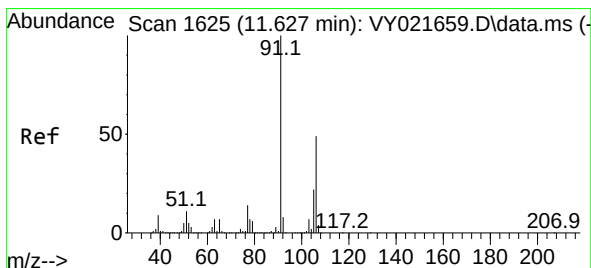
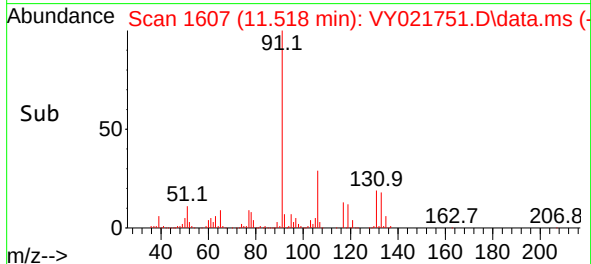
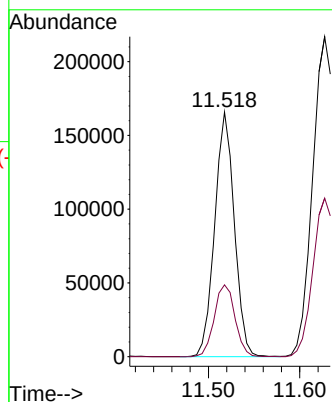
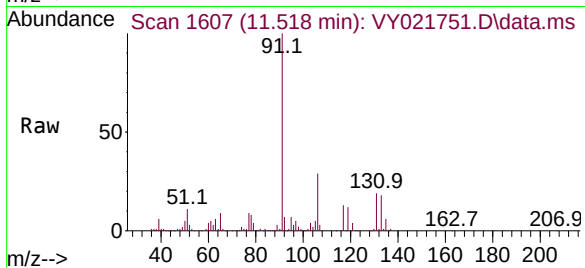
VY0402SBS01

Tgt Ion: 91 Resp: 247192

Ion Ratio Lower Upper

91 100

106 29.4 24.6 36.8



#68

m/p-Xylenes

Concen: 40.943 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021751.D

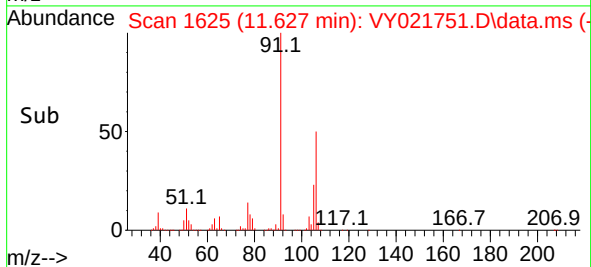
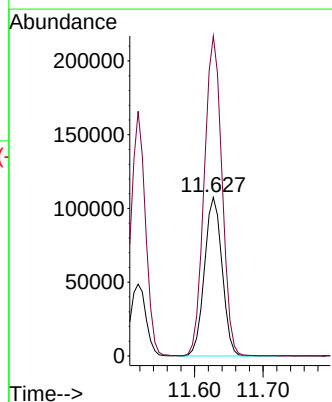
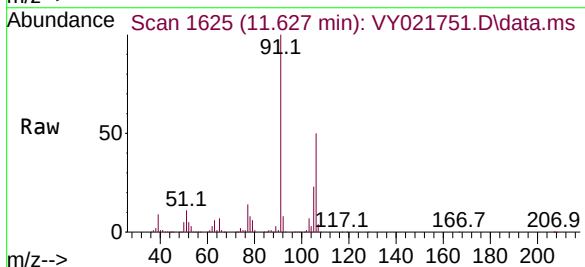
Acq: 02 Apr 2025 11:20

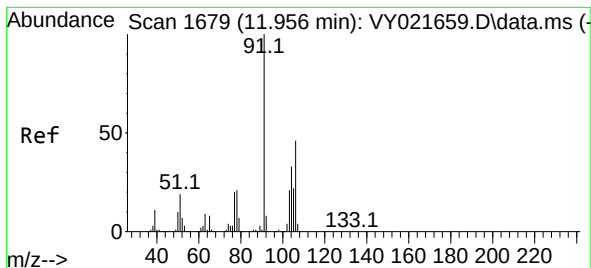
Tgt Ion: 106 Resp: 192590

Ion Ratio Lower Upper

106 100

91 202.7 162.4 243.6





#69

o-Xylene

Concen: 20.238 ug/l

RT: 11.957 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

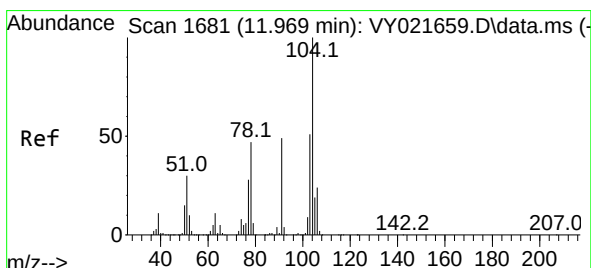
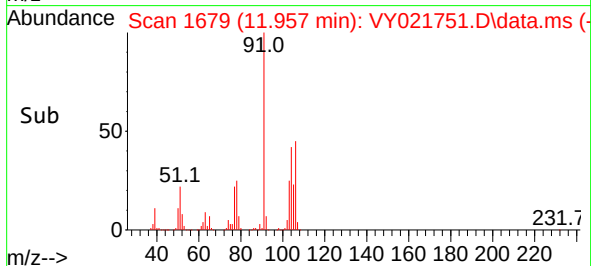
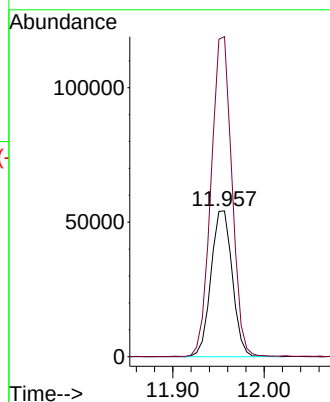
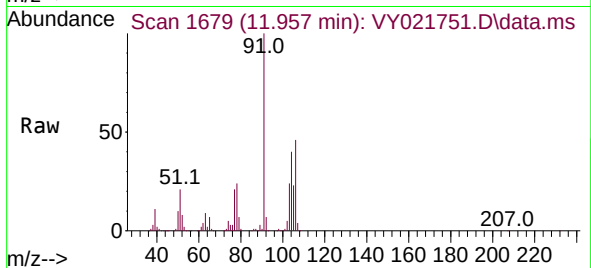
VY0402SBS01

Tgt Ion:106 Resp: 87873

Ion Ratio Lower Upper

106 100

91 214.9 106.7 319.9



#70

Styrene

Concen: 20.515 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

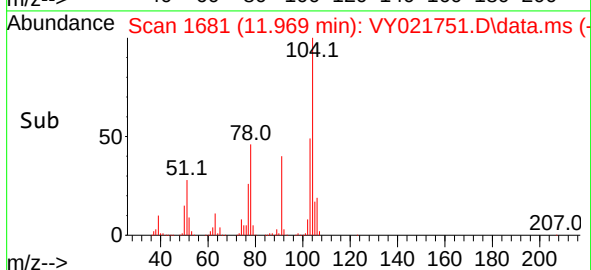
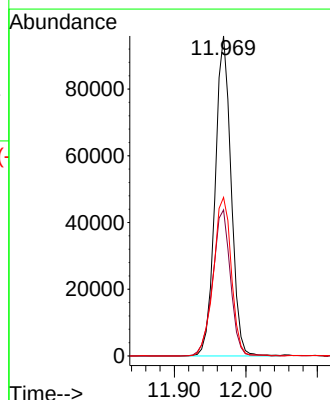
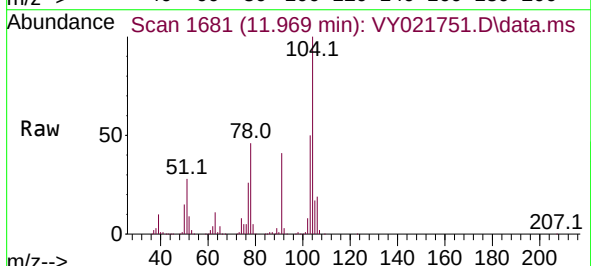
Tgt Ion:104 Resp: 148515

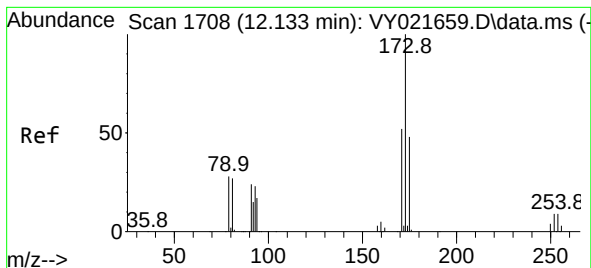
Ion Ratio Lower Upper

104 100

78 50.7 40.8 61.2

103 55.8 44.2 66.2





#71

Bromoform

Concen: 20.554 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

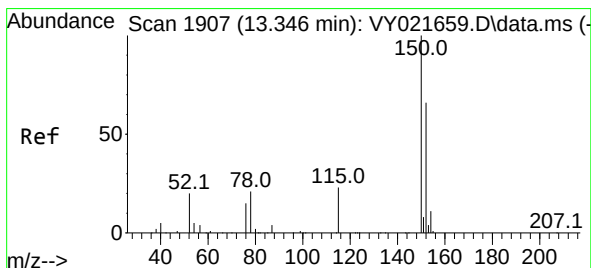
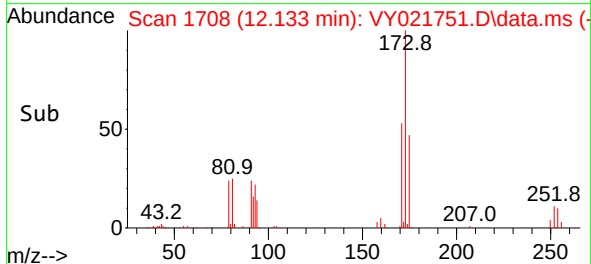
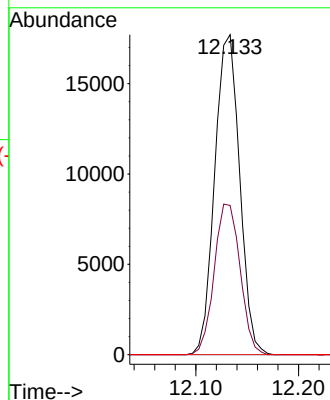
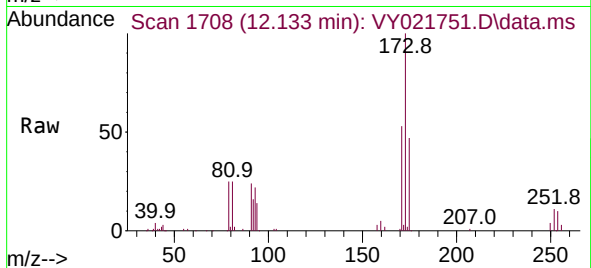
Tgt Ion:173 Resp: 29798

Ion Ratio Lower Upper

173 100

175 49.0 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: VY021751.D

Acq: 02 Apr 2025 11:20

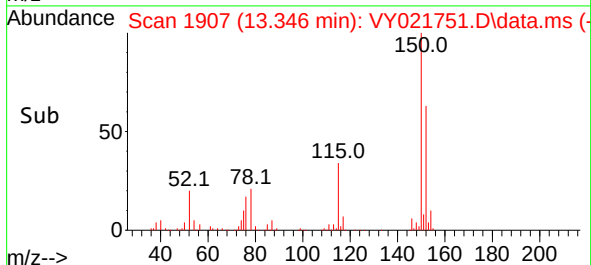
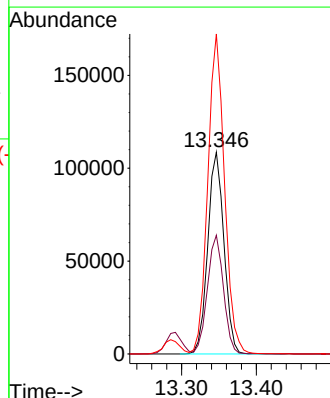
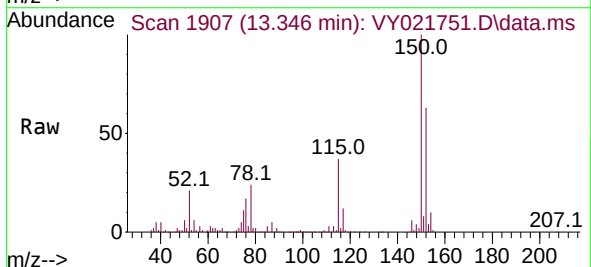
Tgt Ion:152 Resp: 163337

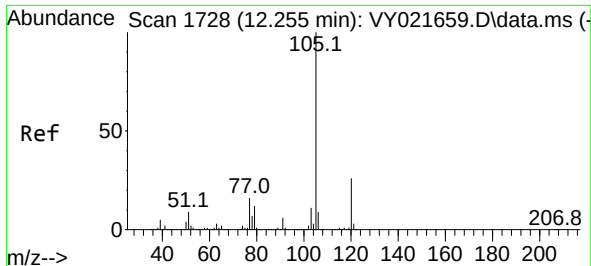
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 163.5 0.0 348.4

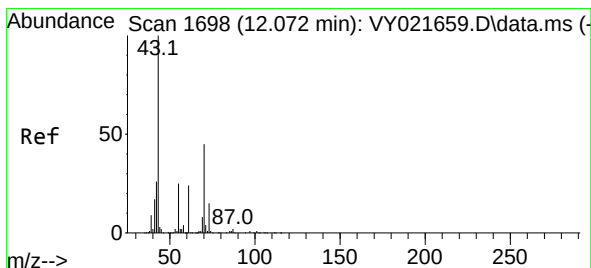
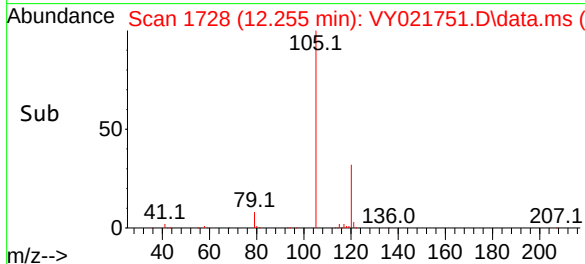
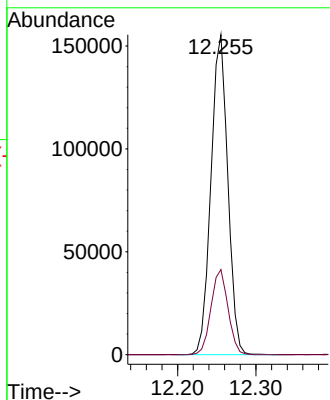
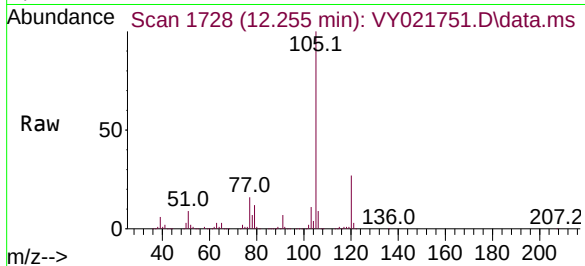




#73
Isopropylbenzene
Concen: 19.119 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

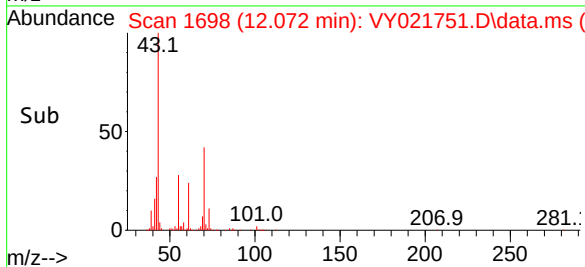
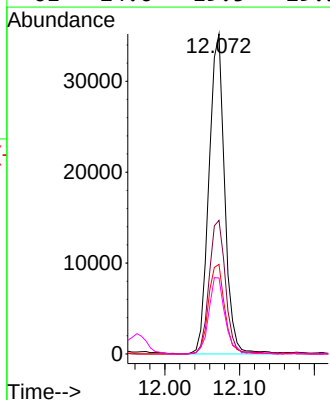
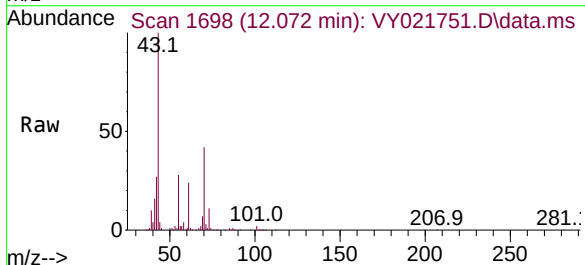
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

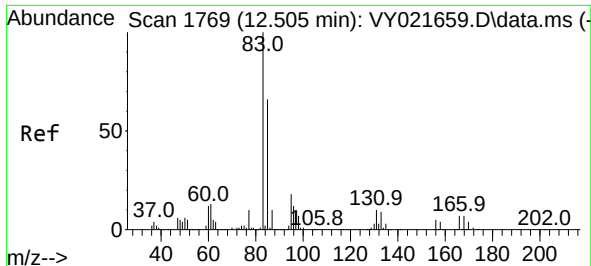
Tgt Ion:105 Resp: 231944
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.5



#74
N-ethyl acetate
Concen: 18.145 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 43 Resp: 51662
Ion Ratio Lower Upper
43 100
70 43.5 34.7 52.1
55 29.1 21.2 31.8
61 24.6 19.5 29.3

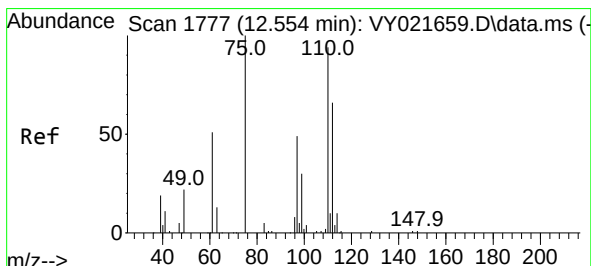
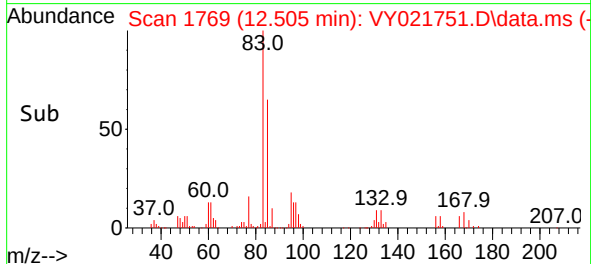
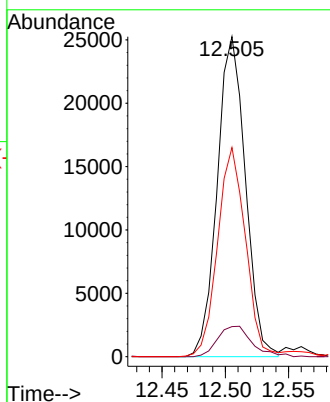
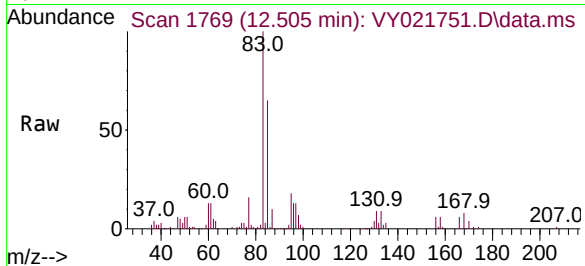




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.939 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021751.D
 Acq: 02 Apr 2025 11:20

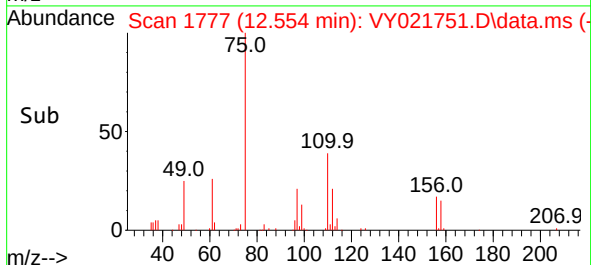
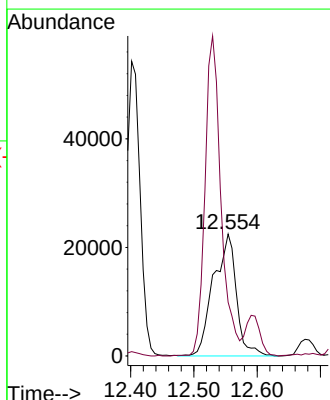
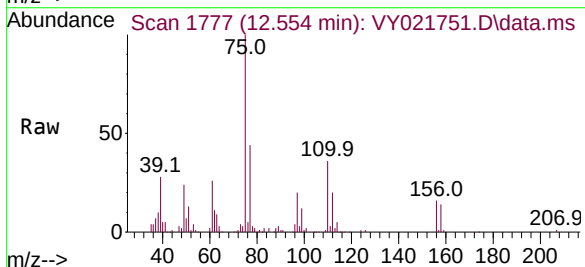
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBSD01

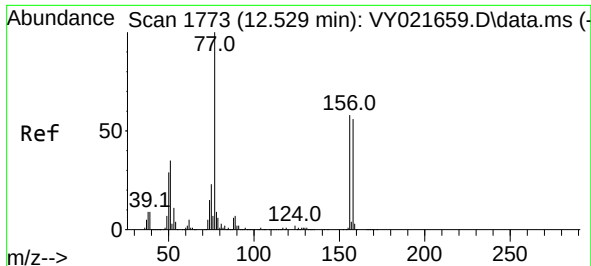
Tgt Ion: 83 Resp: 39127
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.1 15.3
 85 64.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.885 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021751.D
 Acq: 02 Apr 2025 11:20

Tgt Ion: 75 Resp: 56482
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

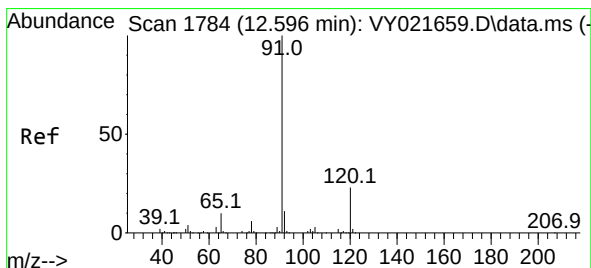
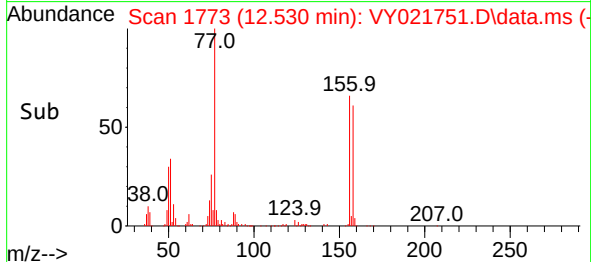
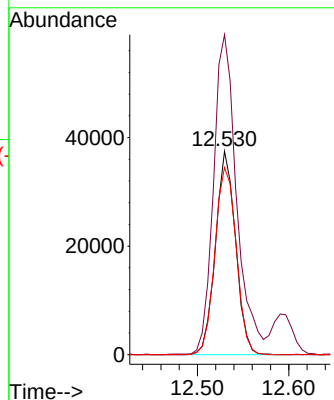
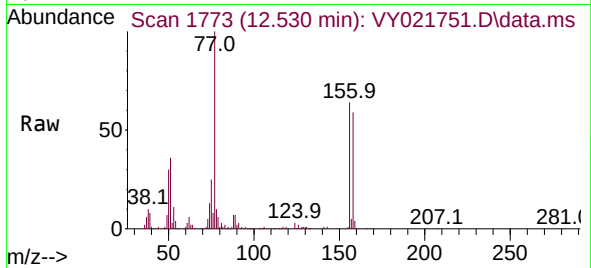




#77
Bromobenzene
Concen: 19.627 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

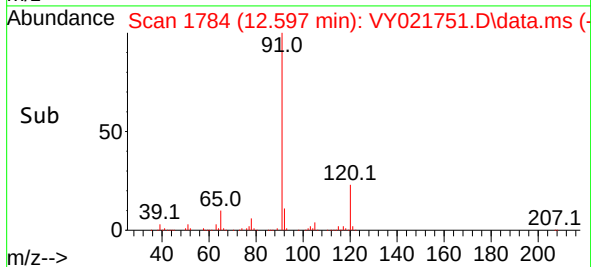
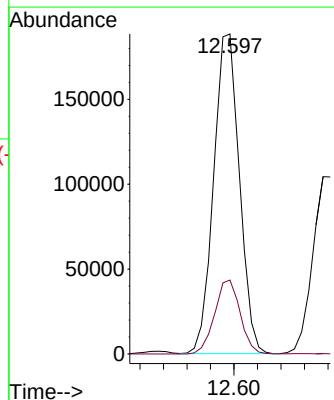
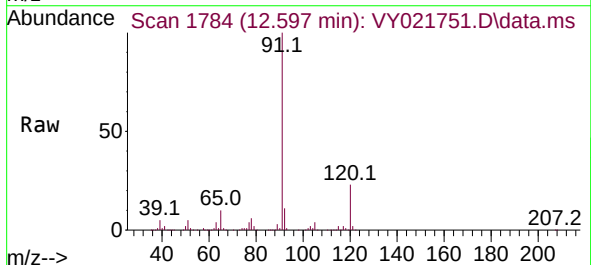
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

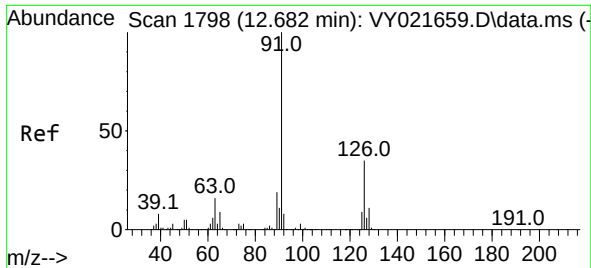
Tgt Ion:156 Resp: 57171
Ion Ratio Lower Upper
156 100
77 182.0 92.8 278.3
158 98.0 48.5 145.6



#78
n-propylbenzene
Concen: 19.676 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 91 Resp: 286971
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9

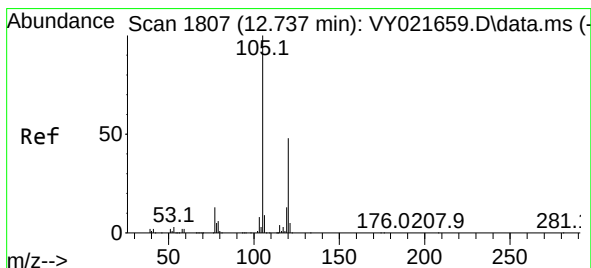
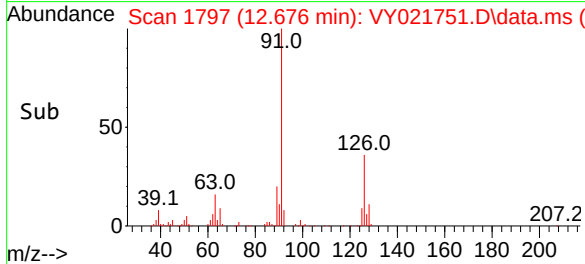
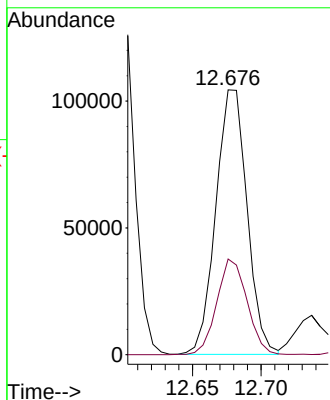
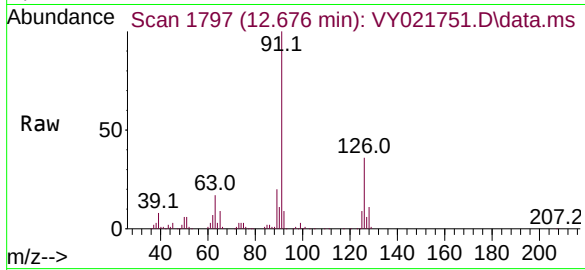




#79
2-Chlorotoluene
Concen: 19.567 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

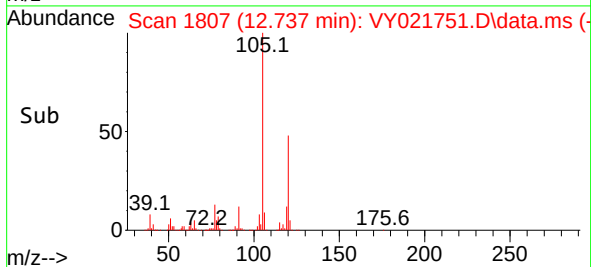
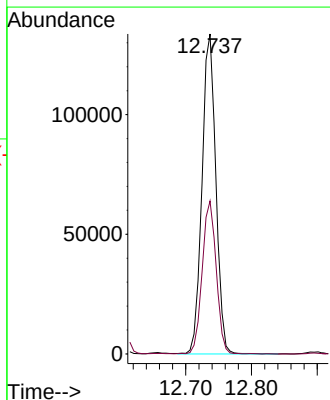
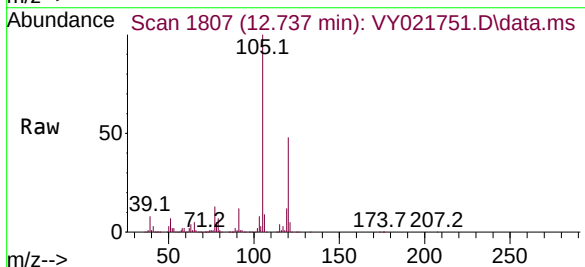
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

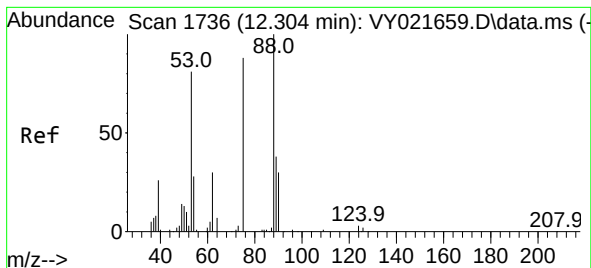
Tgt Ion: 91 Resp: 165761
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 19.794 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 105 Resp: 196264
Ion Ratio Lower Upper
105 100
120 48.1 24.5 73.5

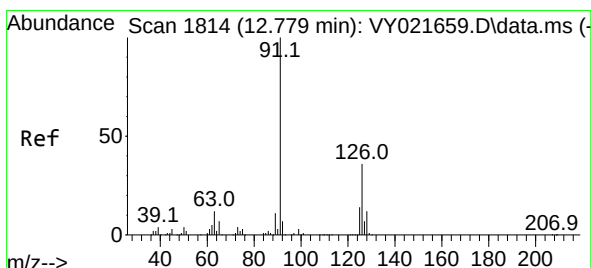
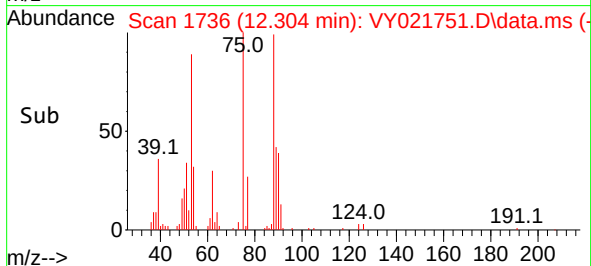
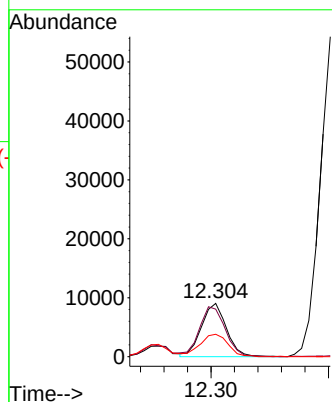
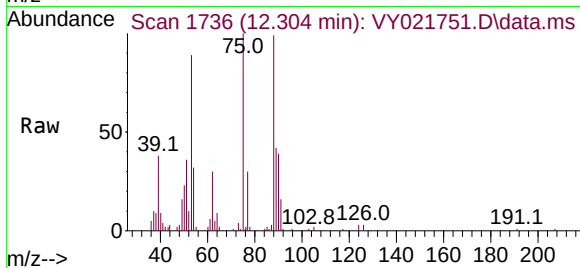




#81
trans-1,4-Dichloro-2-butene
Concen: 19.076 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

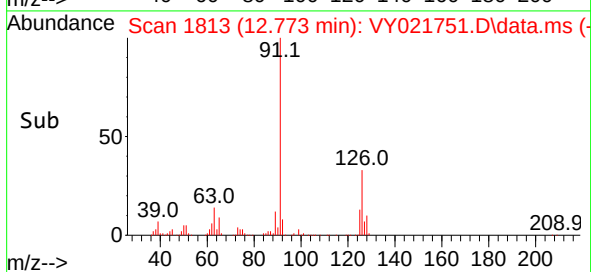
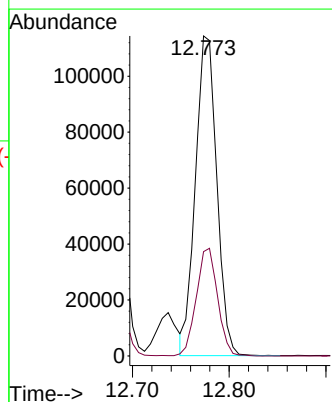
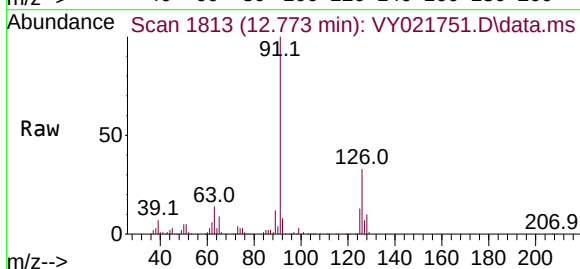
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

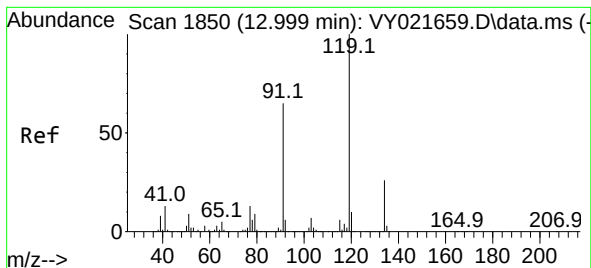
Tgt Ion: 75 Resp: 13404
Ion Ratio Lower Upper
75 100
53 96.7 76.1 114.1
89 47.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.892 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 91 Resp: 175679
Ion Ratio Lower Upper
91 100
126 33.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.412 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

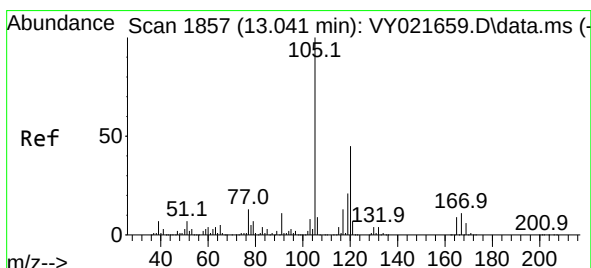
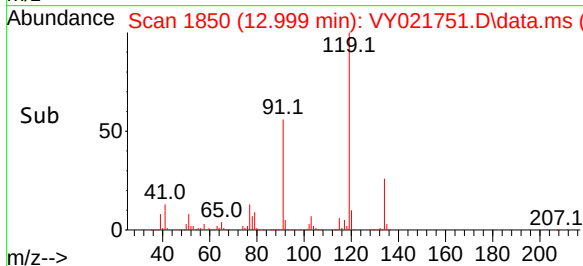
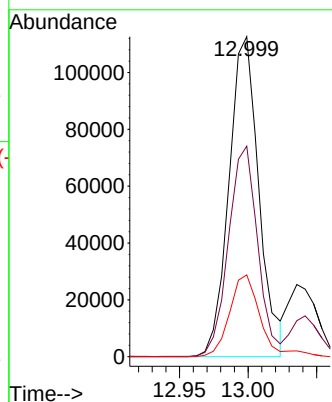
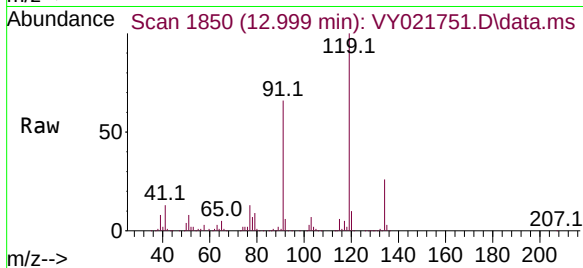
Tgt Ion:119 Resp: 171433

Ion Ratio Lower Upper

119 100

91 64.1 32.6 97.7

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.968 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021751.D

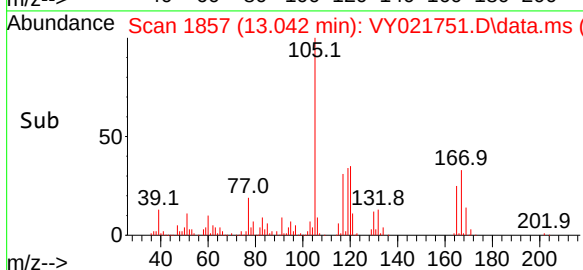
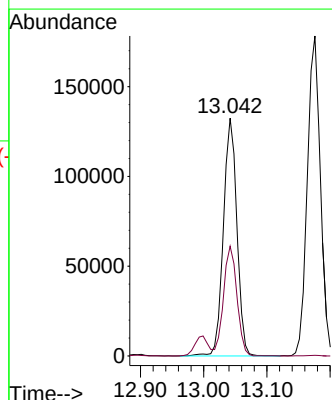
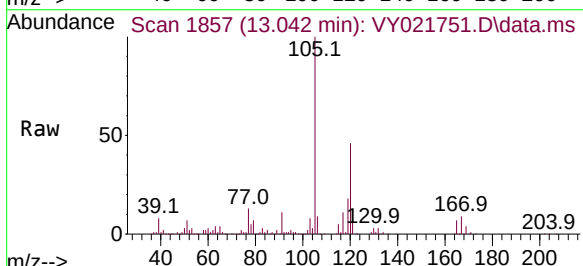
Acq: 02 Apr 2025 11:20

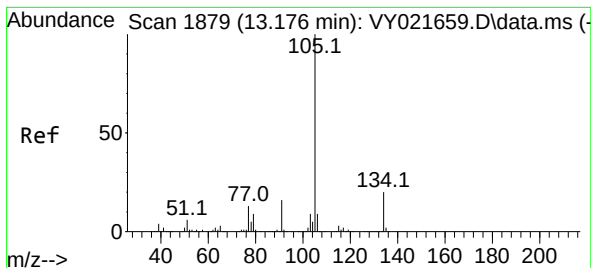
Tgt Ion:105 Resp: 195682

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.742 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

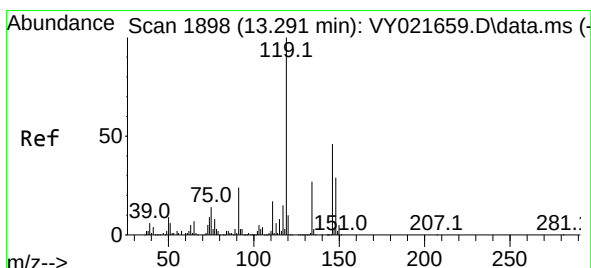
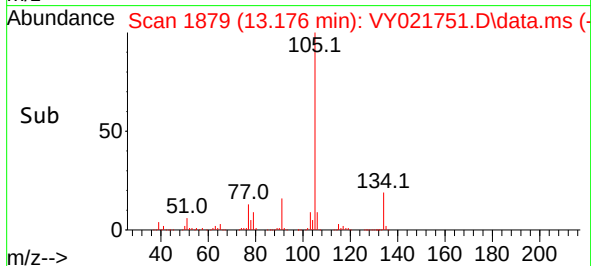
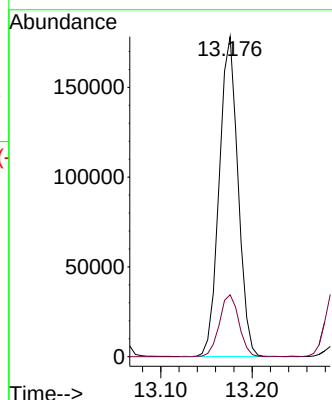
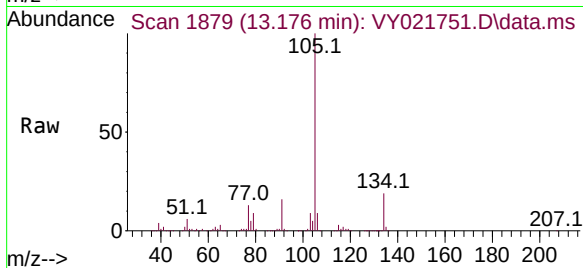
VY0402SBSD01

Tgt Ion:105 Resp: 254798

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.906 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

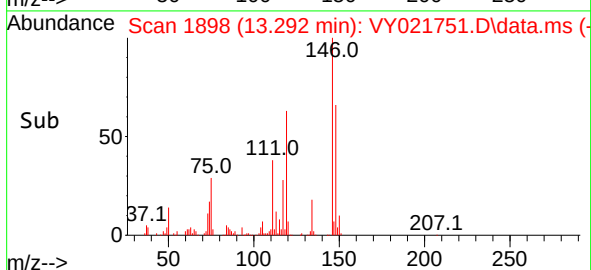
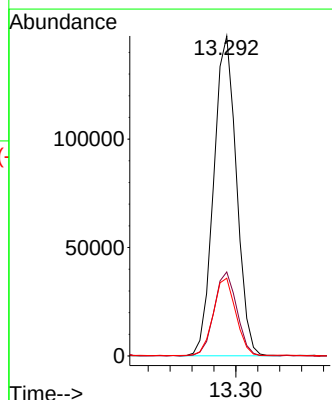
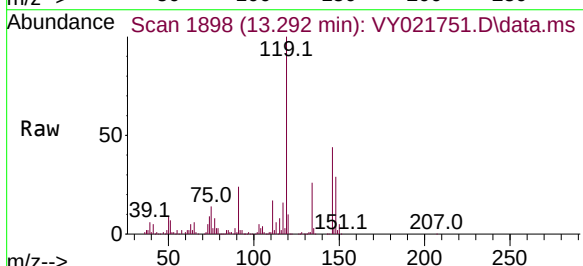
Tgt Ion:119 Resp: 212339

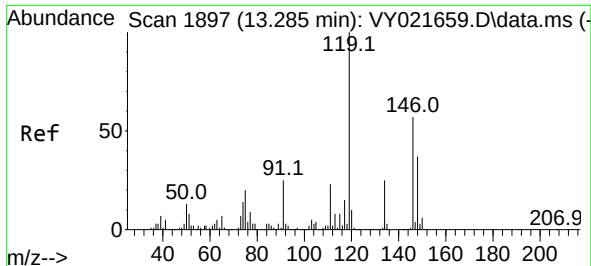
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.0 12.0 36.0

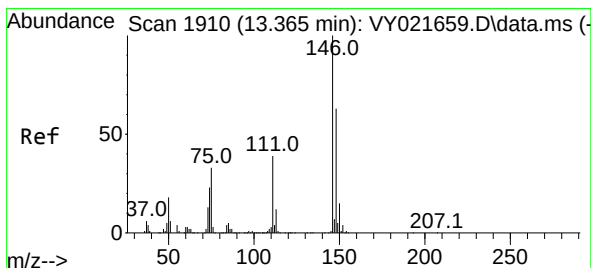
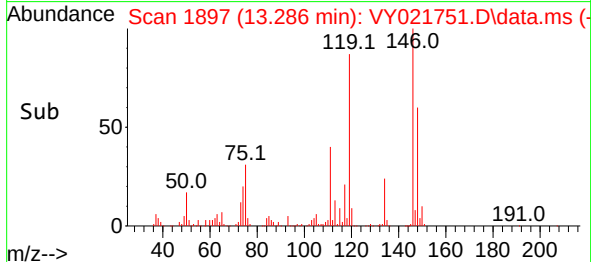
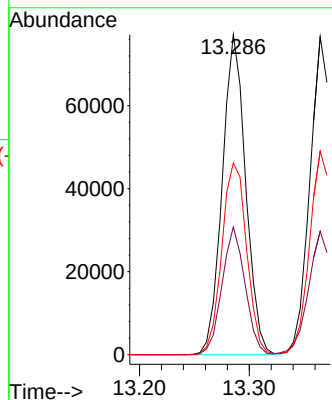
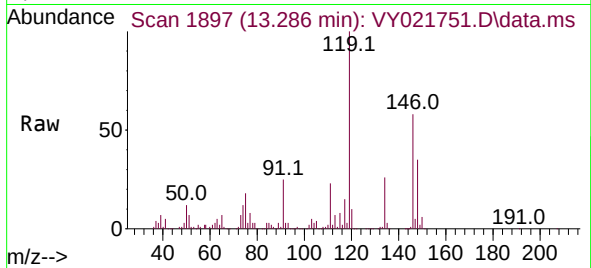




#87
1,3-Dichlorobenzene
Concen: 19.977 ug/l
RT: 13.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

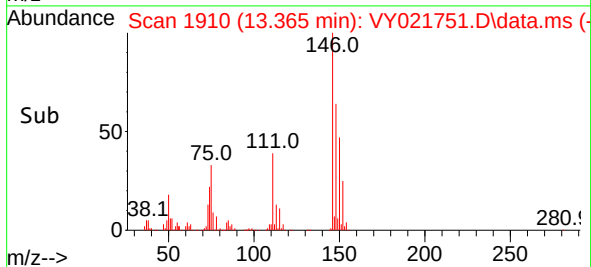
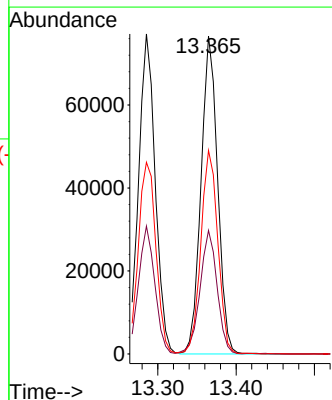
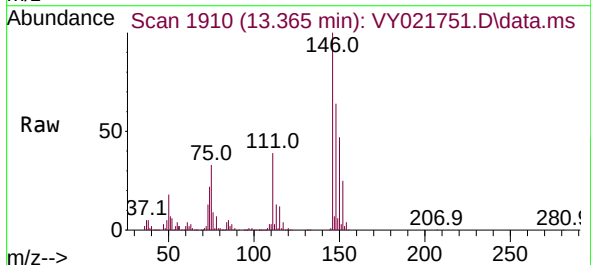
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

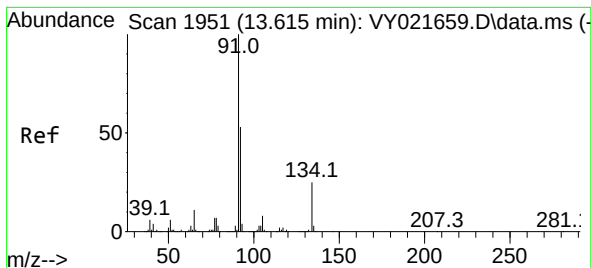
Tgt Ion:146 Resp: 114646
Ion Ratio Lower Upper
146 100
111 39.2 20.0 60.0
148 63.3 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 19.877 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion:146 Resp: 112703
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.1
148 65.7 31.5 94.5

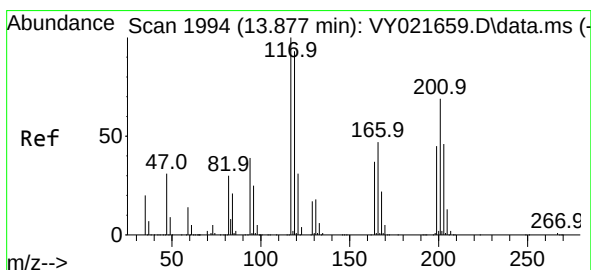
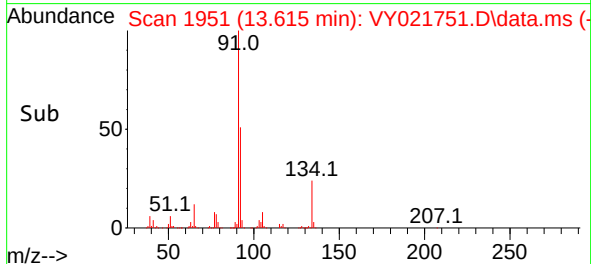
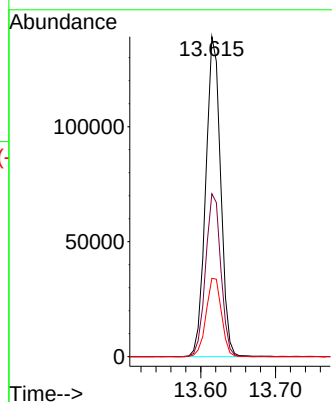
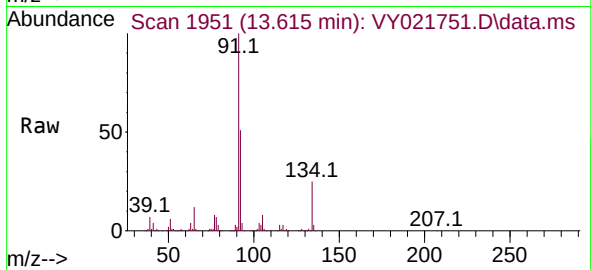




#89
n-Butylbenzene
Concen: 19.592 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

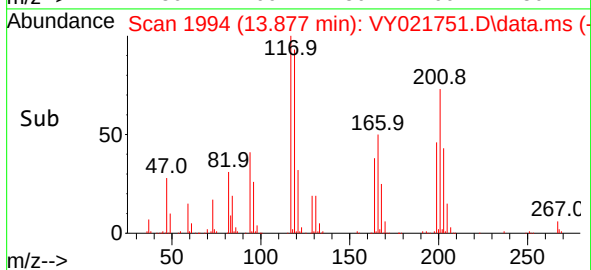
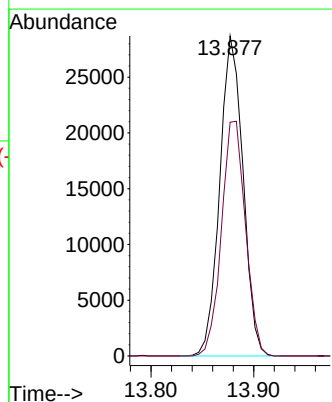
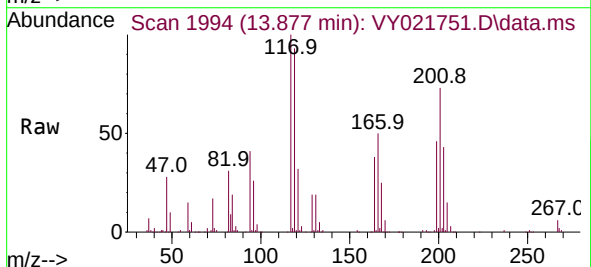
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

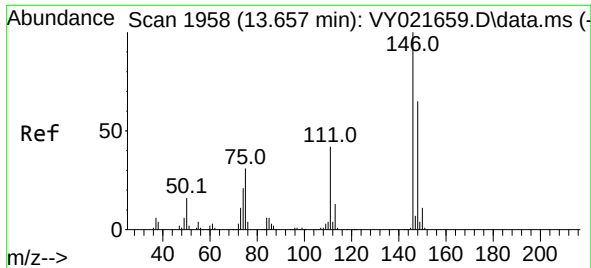
Tgt Ion: 91 Resp: 193278
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.2
134 25.2 12.8 38.4



#90
Hexachloroethane
Concen: 19.275 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021751.D
Acq: 02 Apr 2025 11:20

Tgt Ion: 117 Resp: 45056
Ion Ratio Lower Upper
117 100
201 75.8 37.4 112.1

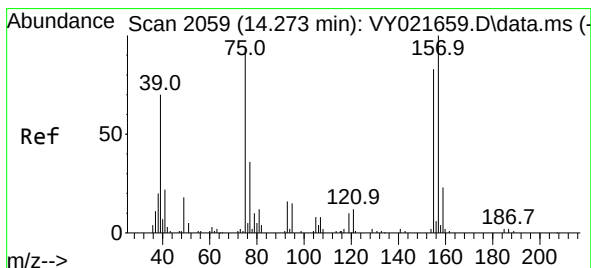
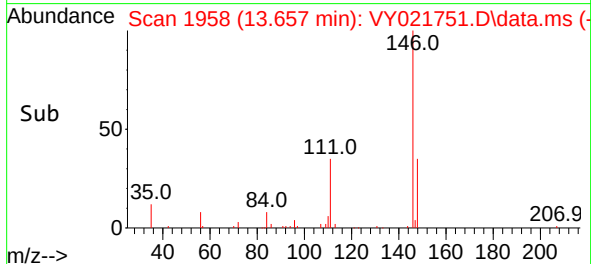
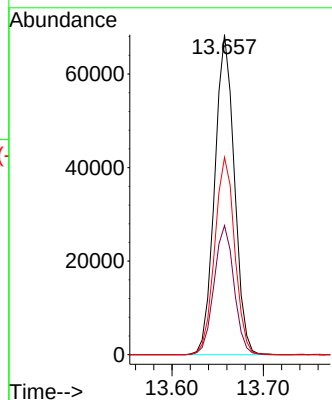
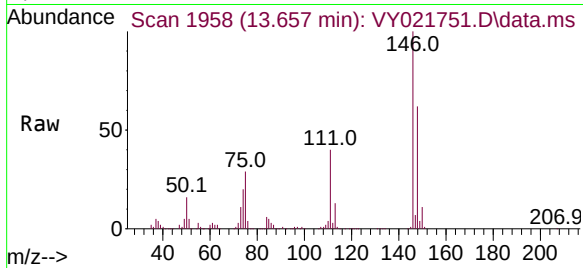




#91
 1,2-Dichlorobenzene
 Concen: 20.463 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY021751.D
 Acq: 02 Apr 2025 11:20

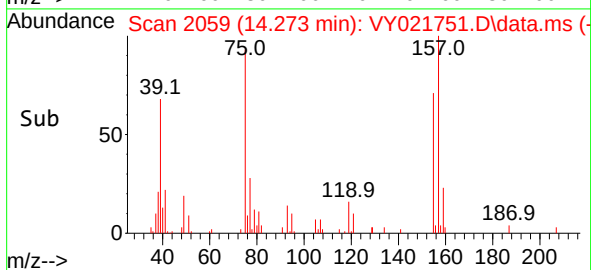
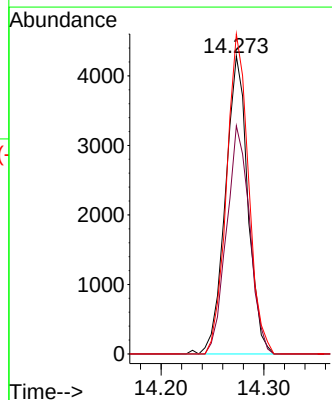
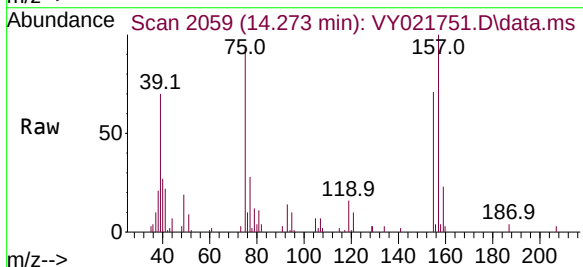
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

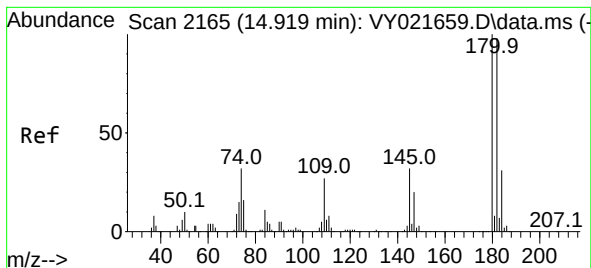
Tgt Ion:146 Resp: 102226
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.7 62.1
 148 63.0 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.204 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY021751.D
 Acq: 02 Apr 2025 11:20

Tgt Ion: 75 Resp: 6492
 Ion Ratio Lower Upper
 75 100
 155 78.5 43.0 128.8
 157 105.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.721 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

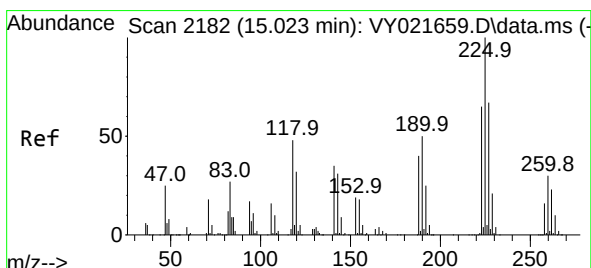
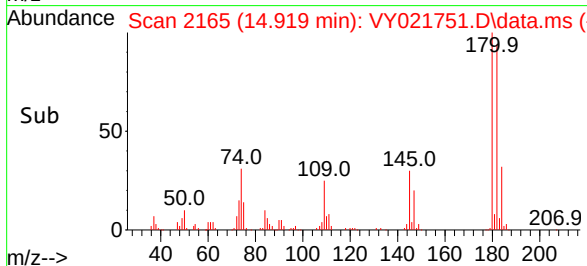
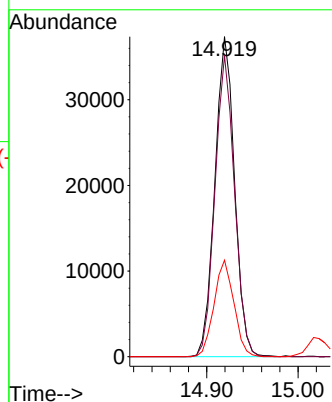
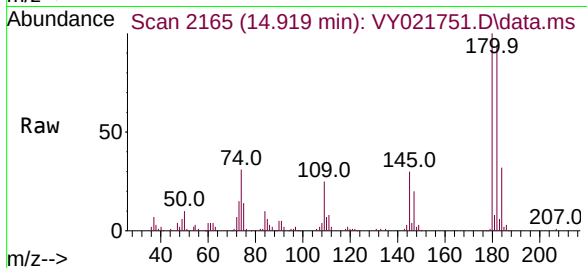
Tgt Ion:180 Resp: 56135

Ion Ratio Lower Upper

180 100

182 93.3 47.5 142.6

145 30.4 14.9 44.9



#94

Hexachlorobutadiene

Concen: 20.837 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

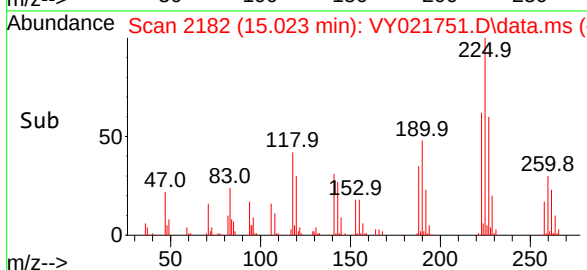
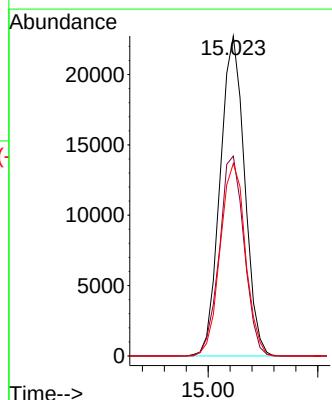
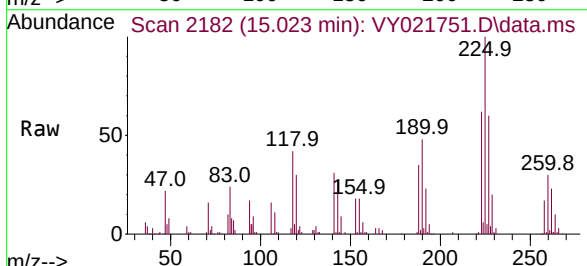
Tgt Ion:225 Resp: 35255

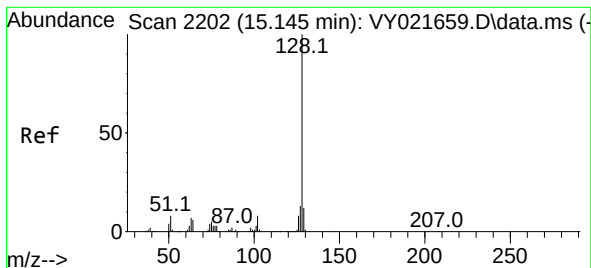
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.7

227 61.9 32.4 97.0





#95

Naphthalene

Concen: 19.161 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

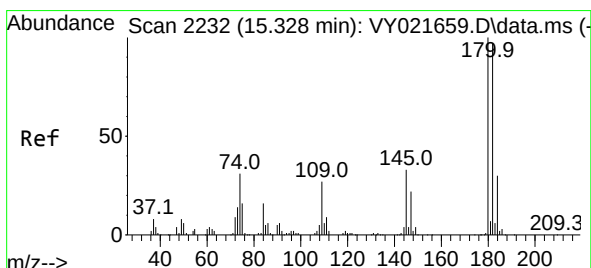
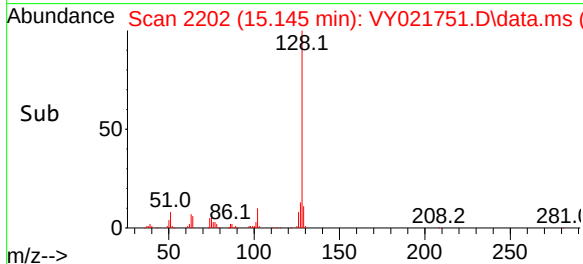
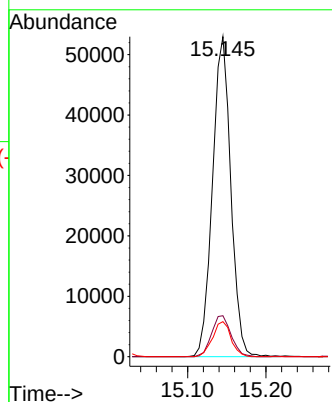
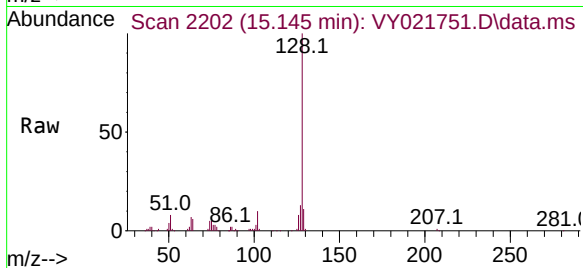
Tgt Ion:128 Resp: 86043

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.844 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021751.D

Acq: 02 Apr 2025 11:20

Tgt Ion:180 Resp: 48153

Ion Ratio Lower Upper

180 100

182 93.1 47.5 142.5

145 31.1 15.9 47.7

