

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021592.D
 Acq On : 21 Mar 2025 12:19
 Operator : SY/MD
 Sample : VY0321SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

Quant Time: Mar 21 23:09:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	200070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	269737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	140981	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120411	56.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.880%	
35) Dibromofluoromethane	7.634	113	120224	59.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.760%	
50) Toluene-d8	10.109	98	439972	57.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.780%	
62) 4-Bromofluorobenzene	12.408	95	149722	57.415	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	34078	18.561	ug/l	92
3) Chloromethane	2.068	50	50301	19.433	ug/l	98
4) Vinyl Chloride	2.202	62	59287	20.959	ug/l	98
5) Bromomethane	2.592	94	41967	20.528	ug/l	98
6) Chloroethane	2.733	64	42738	22.863	ug/l	99
7) Trichlorofluoromethane	3.056	101	86523	21.914	ug/l	100
8) Diethyl Ether	3.458	74	21615	19.755	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	47841	21.223	ug/l	99
10) Methyl Iodide	4.007	142	42170	18.404	ug/l	100
11) Tert butyl alcohol	4.848	59	15503	99.163	ug/l	98
12) 1,1-Dichloroethene	3.781	96	41530	20.208	ug/l	97
13) Acrolein	3.647	56	10138	94.257	ug/l	92
14) Allyl chloride	4.379	41	66313	19.966	ug/l	100
15) Acrylonitrile	5.055	53	48168	103.415	ug/l	98
16) Acetone	3.867	43	56948	123.473	ug/l	92
17) Carbon Disulfide	4.104	76	113067	17.555	ug/l	100
18) Methyl Acetate	4.385	43	20915	20.438	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	103465	19.863	ug/l	98
20) Methylene Chloride	4.616	84	46861	19.356	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	45430	19.738	ug/l	95
22) Diisopropyl ether	6.019	45	145843	20.376	ug/l	96
23) Vinyl Acetate	5.958	43	404570	99.041	ug/l	100
24) 1,1-Dichloroethane	5.909	63	86654	20.513	ug/l	98
25) 2-Butanone	6.890	43	69573	109.048	ug/l	95
26) 2,2-Dichloropropane	6.884	77	80404	20.686	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	53305	20.387	ug/l	98
28) Bromochloromethane	7.244	49	32385	18.286	ug/l	99
29) Tetrahydrofuran	7.256	42	38481	97.699	ug/l	99
30) Chloroform	7.421	83	92655	21.122	ug/l	97
31) Cyclohexane	7.695	56	74399	18.786	ug/l #	96
32) 1,1,1-Trichloroethane	7.616	97	84765	21.104	ug/l	99
36) 1,1-Dichloropropene	7.835	75	65449	20.651	ug/l	97
37) Ethyl Acetate	6.982	43	28570	20.396	ug/l	98
38) Carbon Tetrachloride	7.817	117	75220	20.637	ug/l	99
39) Methylcyclohexane	9.110	83	74293	19.111	ug/l	98
40) Benzene	8.079	78	189396	20.286	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	16985m	22.269	ug/l	
42) 1,2-Dichloroethane	8.158	62	52883	20.248	ug/l	100
43) Isopropyl Acetate	8.201	43	53766	19.772	ug/l #	85
44) Trichloroethene	8.866	130	49376	20.929	ug/l	94
45) 1,2-Dichloropropane	9.140	63	45798	20.611	ug/l	98
46) Dibromomethane	9.231	93	25126	20.323	ug/l	99
47) Bromodichloromethane	9.420	83	69564	21.187	ug/l	98
48) Methyl methacrylate	9.219	41	23624	18.919	ug/l	95
49) 1,4-Dioxane	9.225	88	5436	447.958	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	141171	100.616	ug/l	99
52) Toluene	10.170	92	125139	21.260	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	58486	20.219	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	70480	20.522	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	34031	21.042	ug/l	99
56) Ethyl methacrylate	10.439	69	39599	19.199	ug/l	99
57) 1,3-Dichloropropane	10.719	76	57074	20.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	104592	109.850	ug/l	99
59) 2-Hexanone	10.762	43	98357	106.017	ug/l	98
60) Dibromochloromethane	10.914	129	47007	21.202	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30641	20.075	ug/l	99
64) Tetrachloroethene	10.646	164	53841	24.547	ug/l	97
65) Chlorobenzene	11.444	112	130281	20.453	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	47747	21.202	ug/l	99
67) Ethyl Benzene	11.518	91	226097	20.223	ug/l	100
68) m/p-Xylenes	11.627	106	173229	40.812	ug/l	98
69) o-Xylene	11.957	106	81954	20.950	ug/l	98
70) Styrene	11.969	104	132987	20.492	ug/l	100
71) Bromoform	12.133	173	26283	20.878	ug/l #	98
73) Isopropylbenzene	12.255	105	220889	19.890	ug/l	100
74) N-amyl acetate	12.072	43	45631	18.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	36475	18.612	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	30115m	21.198	ug/l	
77) Bromobenzene	12.536	156	51202	19.707	ug/l	98
78) n-propylbenzene	12.597	91	269335	19.970	ug/l	99
79) 2-Chlorotoluene	12.682	91	153673	19.927	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	182918	20.268	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11817	18.910	ug/l	97
82) 4-Chlorotoluene	12.780	91	159581	19.983	ug/l	100
83) tert-Butylbenzene	12.999	119	159846	19.854	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	182584	20.376	ug/l	100
85) sec-Butylbenzene	13.176	105	243328	20.313	ug/l	99
86) p-Isopropyltoluene	13.292	119	200016	20.268	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	104435	20.194	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	104188	20.599	ug/l	99
89) n-Butylbenzene	13.621	91	185147	20.317	ug/l	99
90) Hexachloroethane	13.883	117	43941	20.871	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	90654	20.452	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5523	18.814	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	50165	20.720	ug/l	99
94) Hexachlorobutadiene	15.029	225	32538	21.440	ug/l	99
95) Naphthalene	15.151	128	75655	20.500	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	41857	20.556	ug/l	99

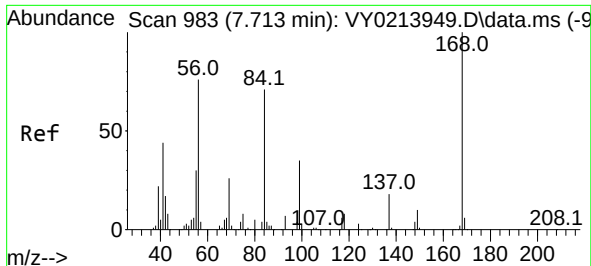
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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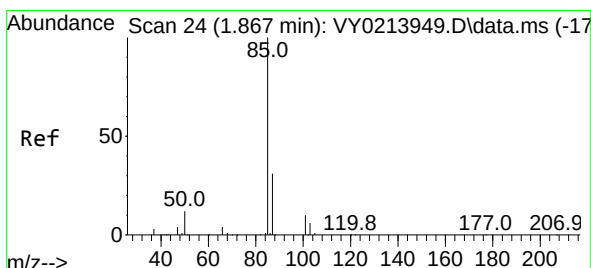
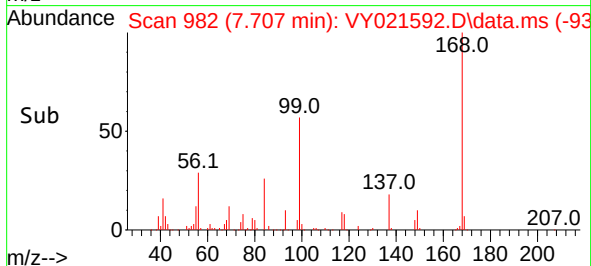
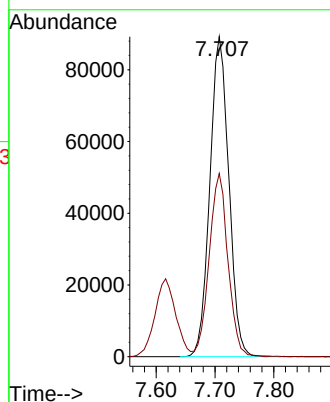
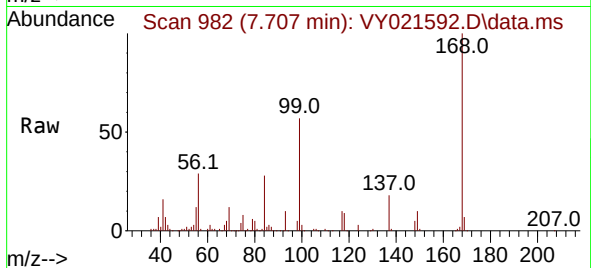
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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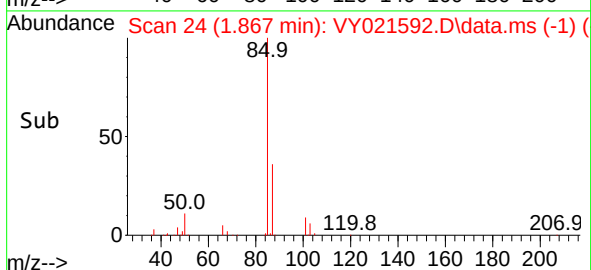
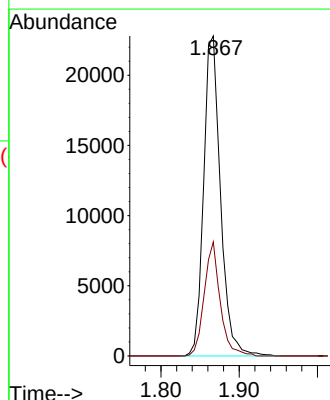
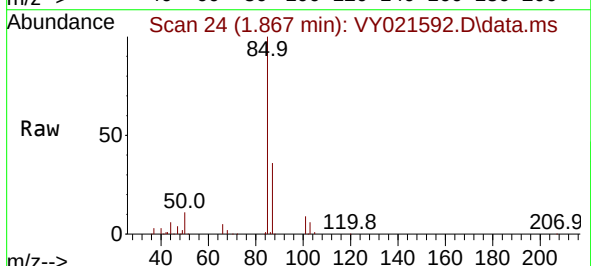
Instrument :
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ClientSampleId :
VY0321SBS01

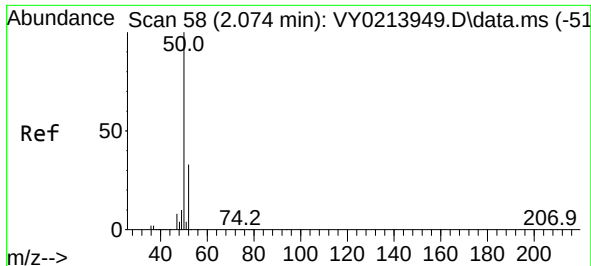
Tgt Ion:168 Resp: 200070
Ion Ratio Lower Upper
168 100
99 57.2 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 18.561 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 85 Resp: 34078
Ion Ratio Lower Upper
85 100
87 35.7 15.7 47.0

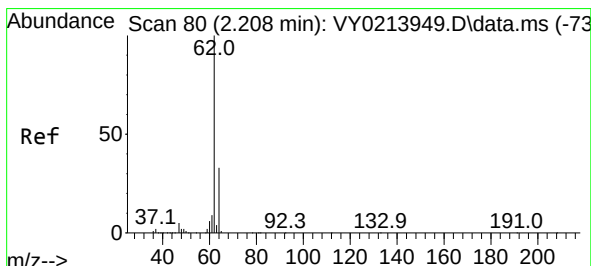
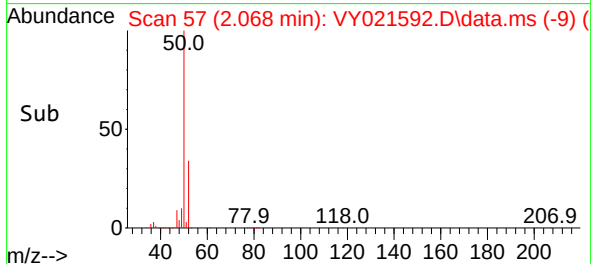
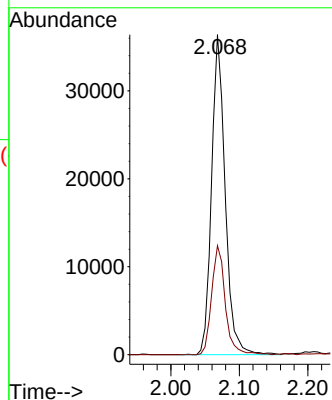
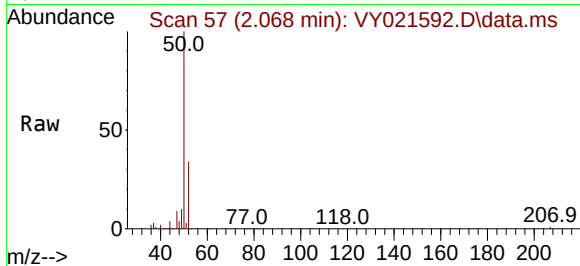




#3
Chloromethane
Concen: 19.433 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

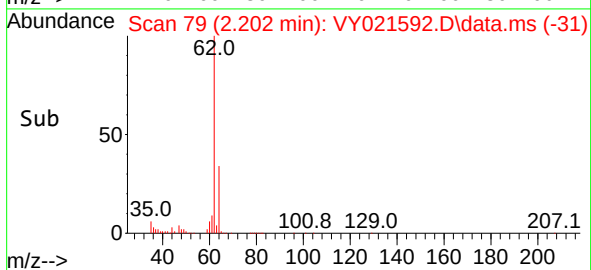
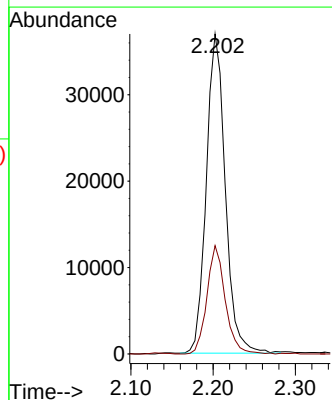
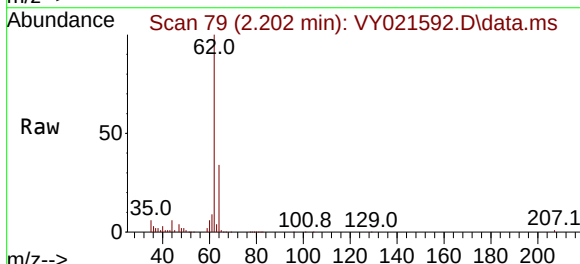
Instrument :
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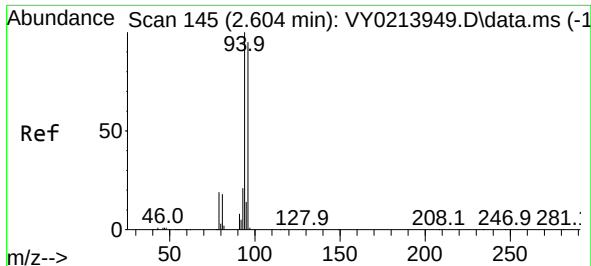
Tgt Ion: 50 Resp: 50301
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.2



#4
Vinyl Chloride
Concen: 20.959 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 62 Resp: 59287
Ion Ratio Lower Upper
62 100
64 33.9 26.2 39.2

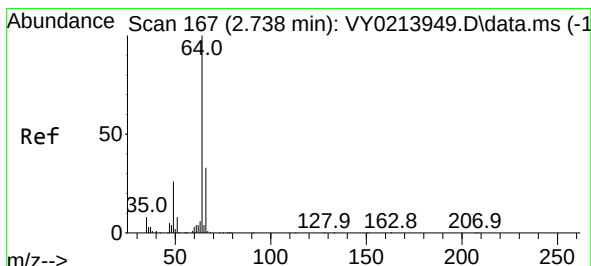
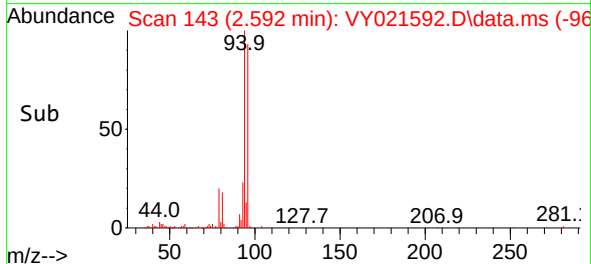
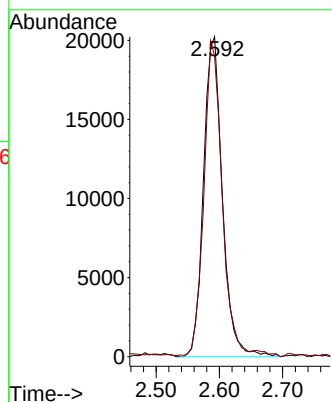
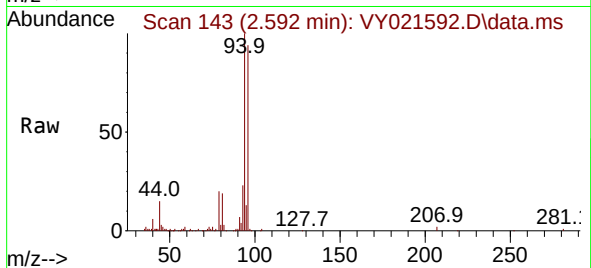




#5
Bromomethane
Concen: 20.528 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

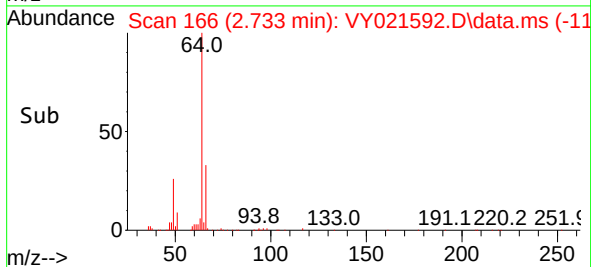
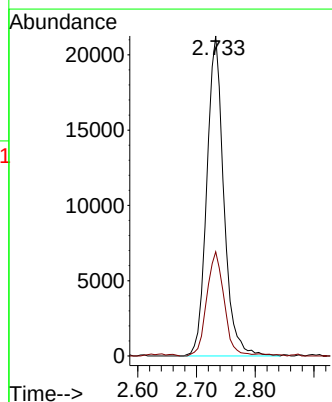
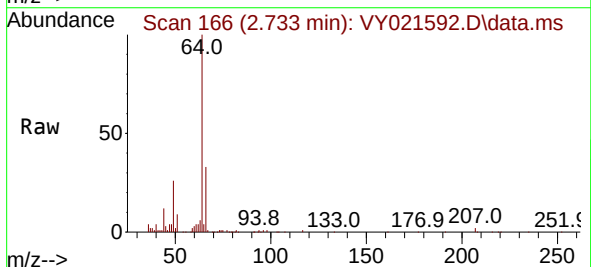
Instrument :
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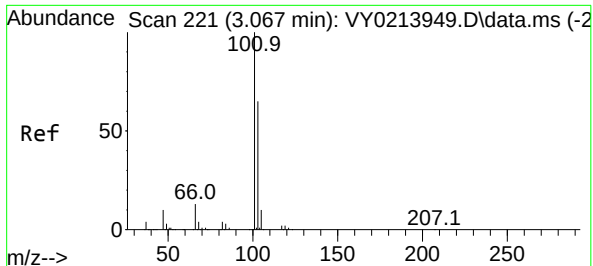
Tgt Ion: 94 Resp: 41967
Ion Ratio Lower Upper
94 100
96 93.9 76.3 114.5



#6
Chloroethane
Concen: 22.863 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 64 Resp: 42738
Ion Ratio Lower Upper
64 100
66 32.6 26.7 40.1

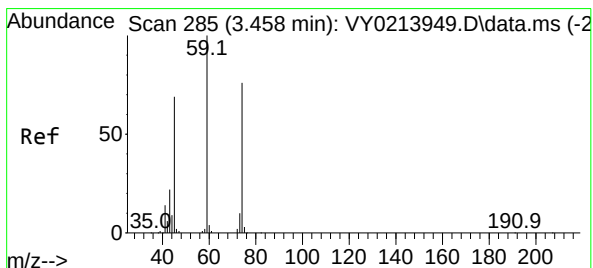
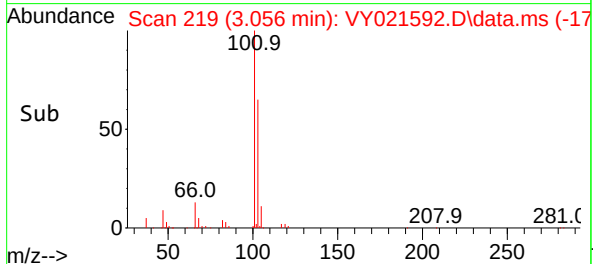
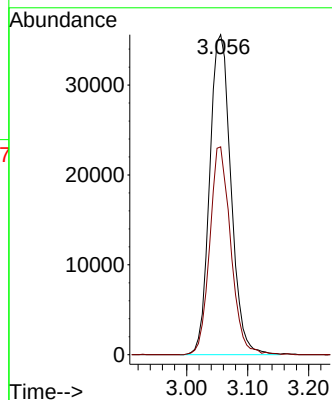
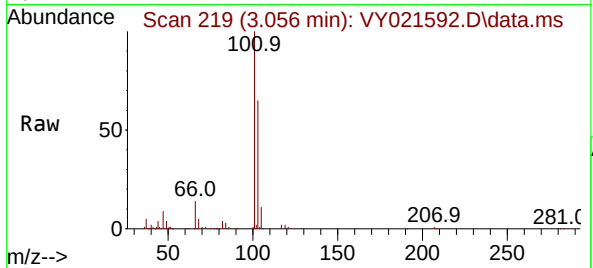




#7
 Trichlorofluoromethane
 Concen: 21.914 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

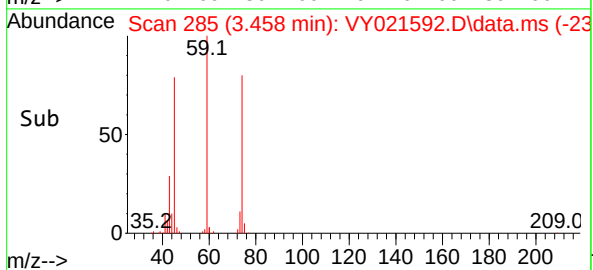
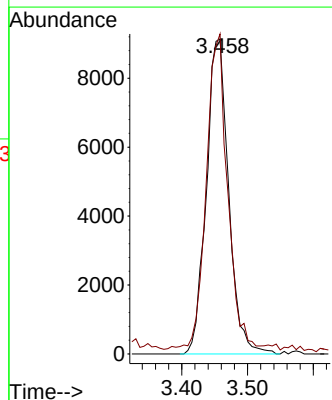
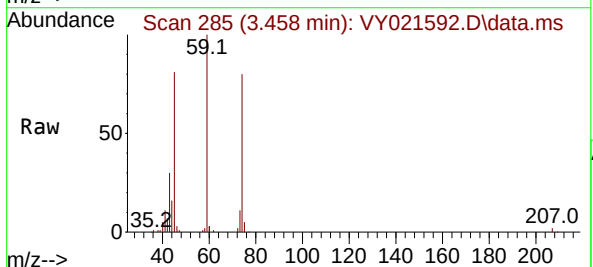
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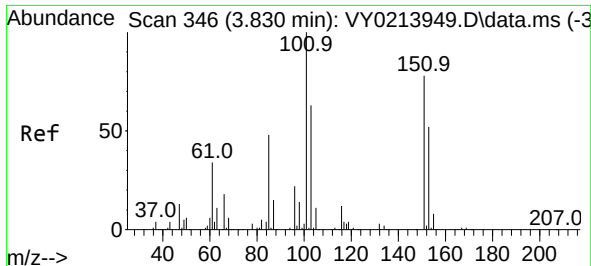
Tgt Ion:101 Resp: 86523
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.7 77.5



#8
 Diethyl Ether
 Concen: 19.755 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion: 74 Resp: 21615
 Ion Ratio Lower Upper
 74 100
 45 95.1 49.7 149.1

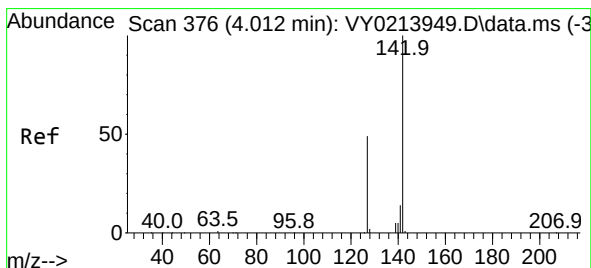
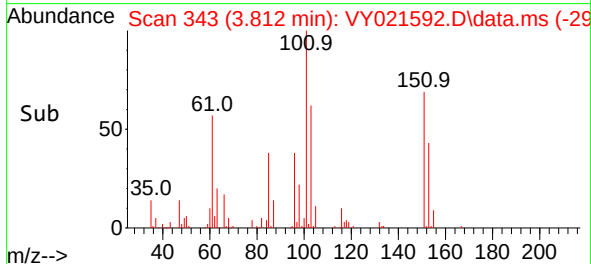
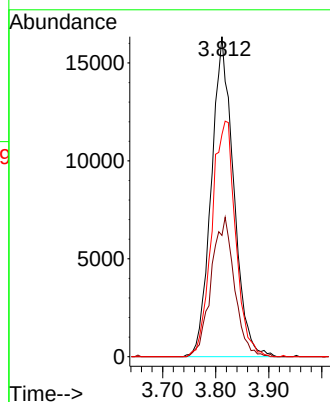
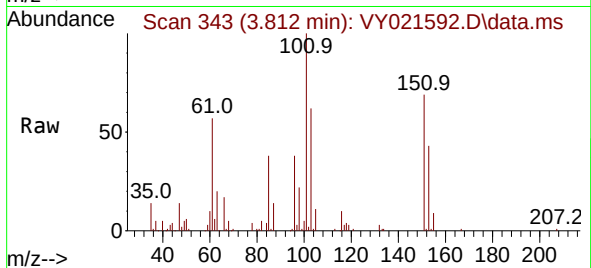




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.223 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021592.D
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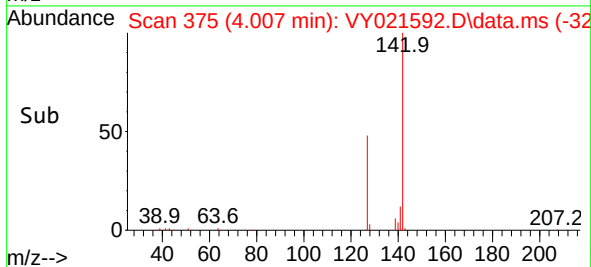
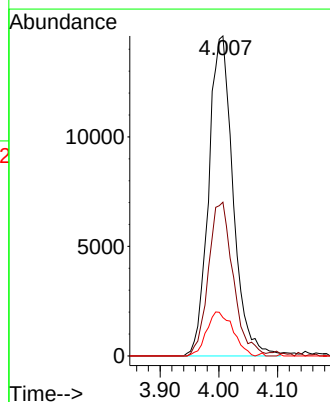
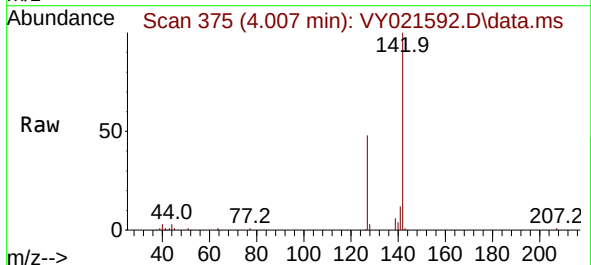
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

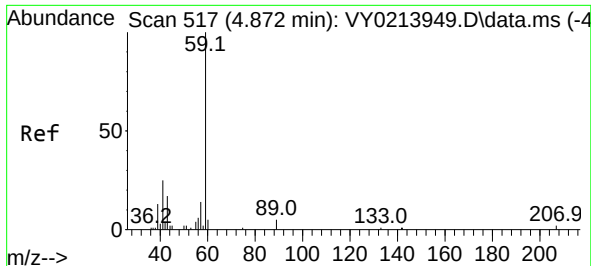
Tgt Ion:101 Resp: 47841
Ion Ratio Lower Upper
101 100
85 45.2 37.1 55.7
151 78.2 62.1 93.1



#10
Methyl Iodide
Concen: 18.404 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion:142 Resp: 42170
Ion Ratio Lower Upper
142 100
127 48.7 39.1 58.7
141 14.9 11.8 17.6

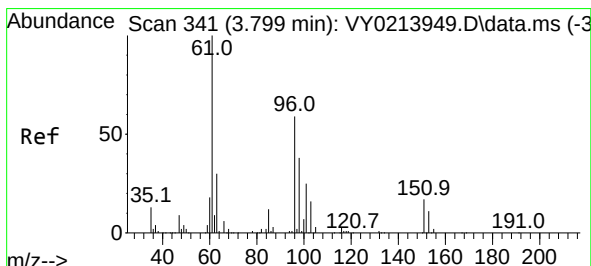
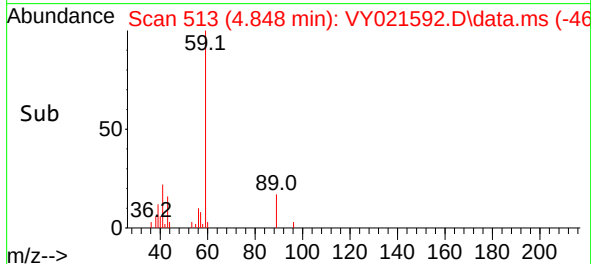
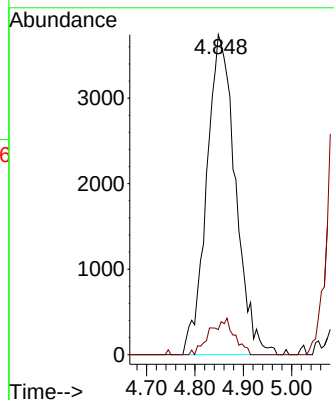
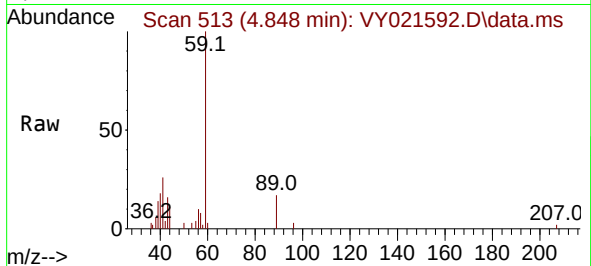




#11
Tert butyl alcohol
Concen: 99.163 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

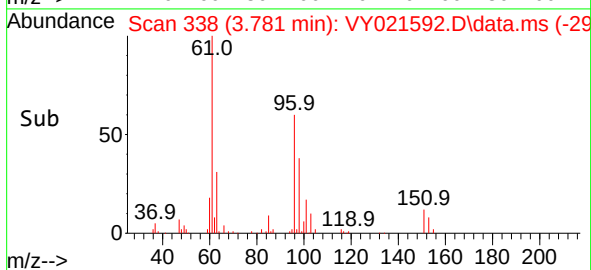
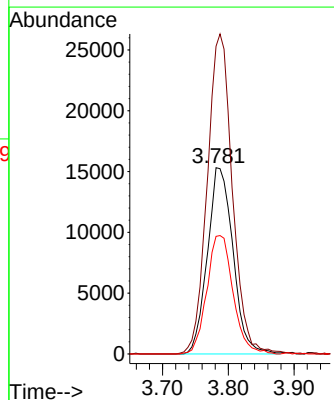
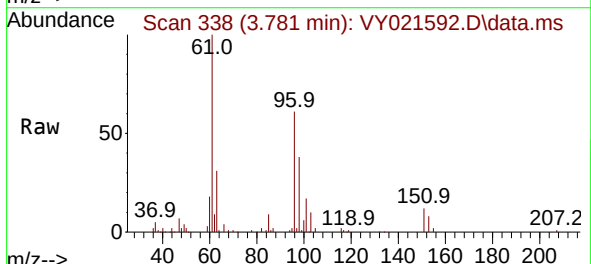
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

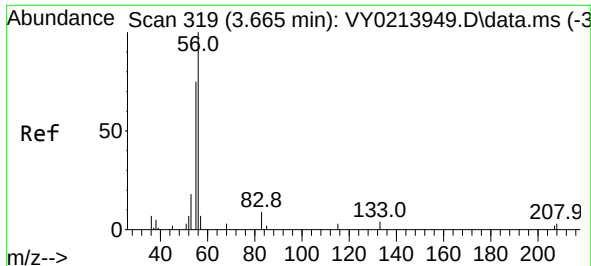
Tgt Ion: 59 Resp: 15503
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.208 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 96 Resp: 41530
Ion Ratio Lower Upper
96 100
61 164.7 135.2 202.8
98 63.2 51.4 77.2

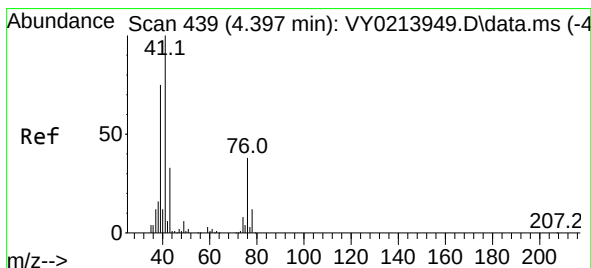
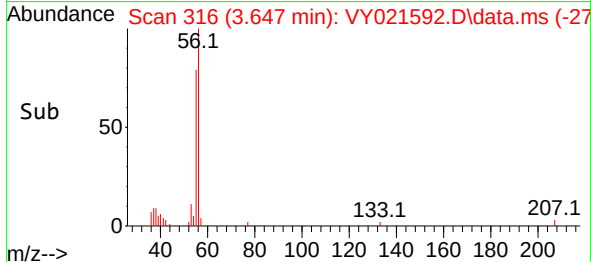
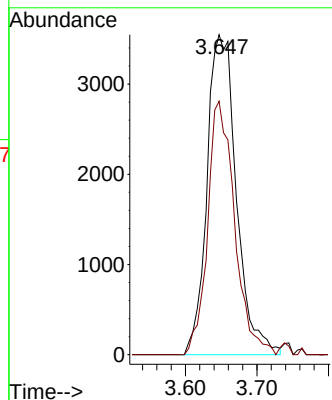
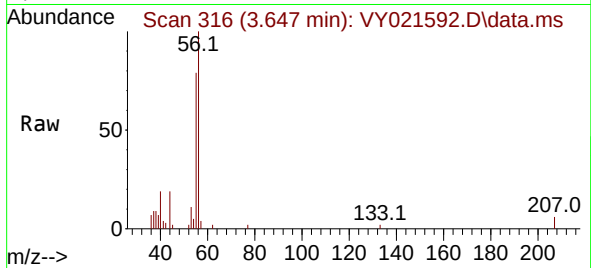




#13
Acrolein
Concen: 94.257 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.018 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

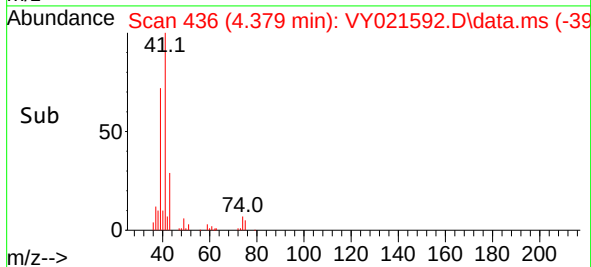
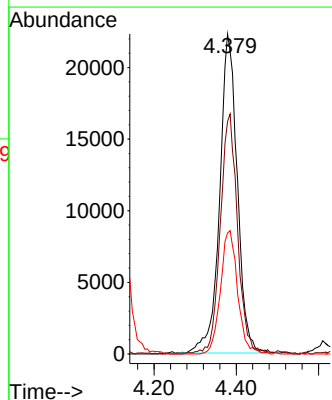
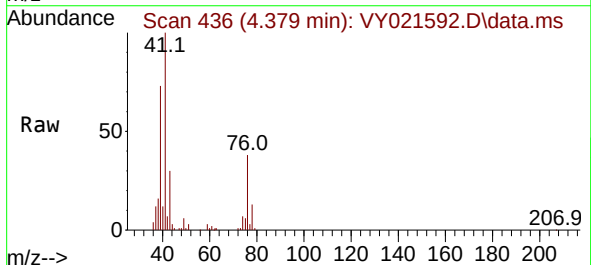
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

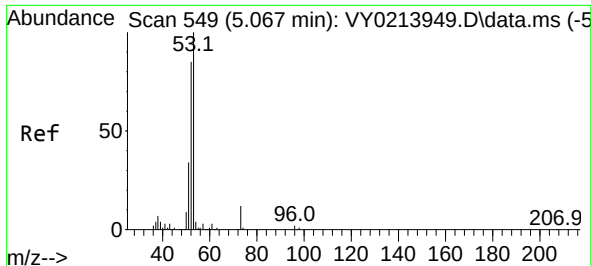
Tgt Ion: 56 Resp: 10138
Ion Ratio Lower Upper
56 100
55 72.5 63.4 95.2



#14
Allyl chloride
Concen: 19.966 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 41 Resp: 66313
Ion Ratio Lower Upper
41 100
39 73.7 59.3 88.9
76 37.6 29.8 44.8

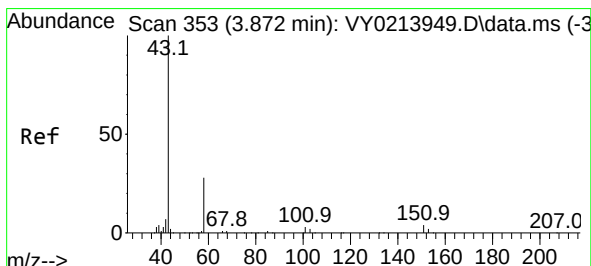
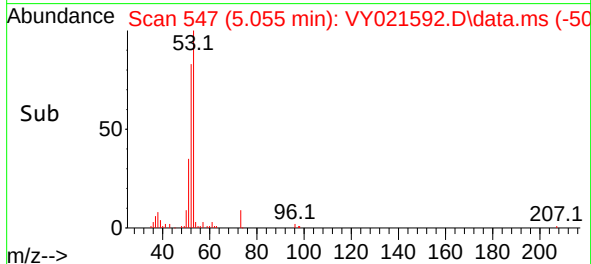
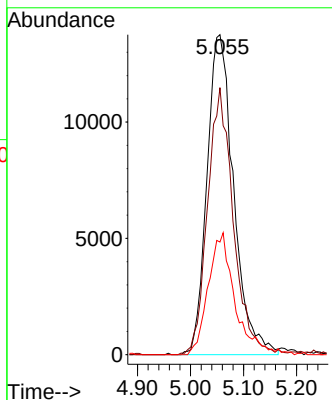
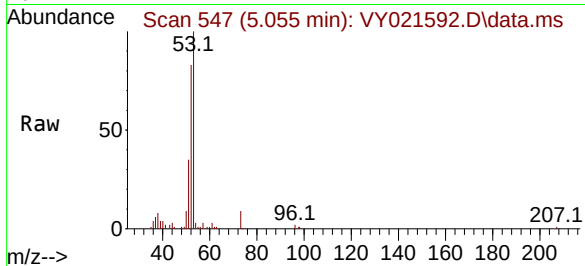




#15
Acrylonitrile
Concen: 103.415 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

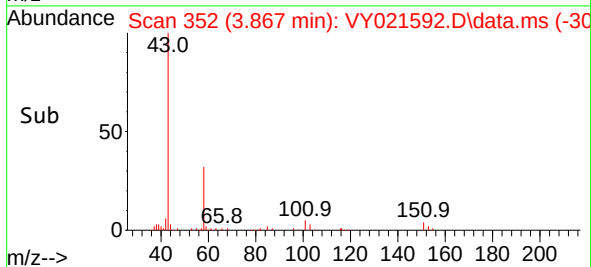
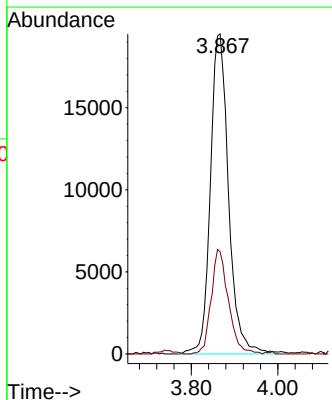
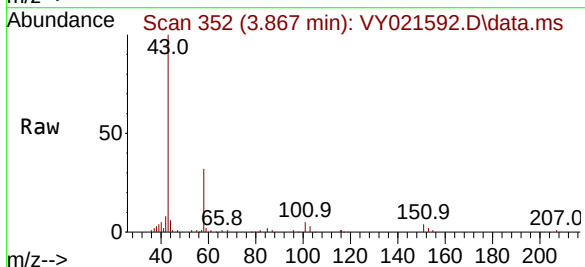
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

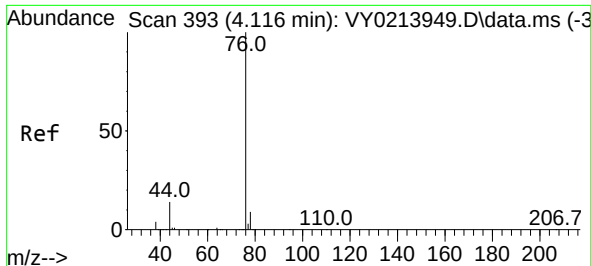
Tgt Ion: 53 Resp: 48168
Ion Ratio Lower Upper
53 100
52 79.9 66.3 99.5
51 38.1 30.3 45.5



#16
Acetone
Concen: 123.473 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 43 Resp: 56948
Ion Ratio Lower Upper
43 100
58 31.9 22.1 33.1

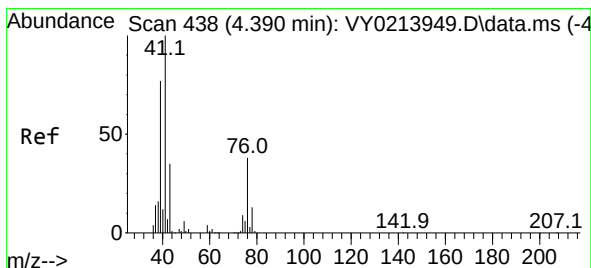
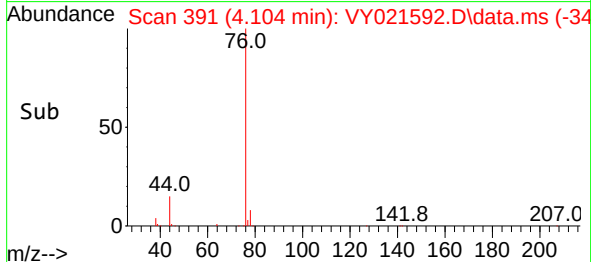
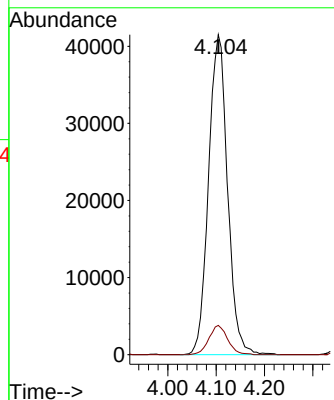
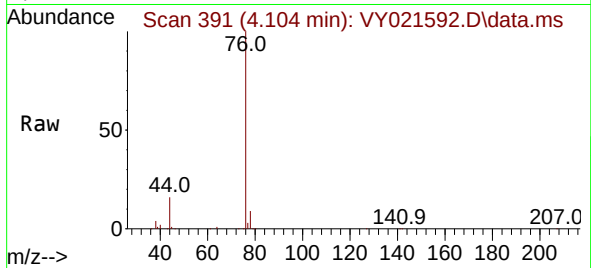




#17
Carbon Disulfide
Concen: 17.555 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

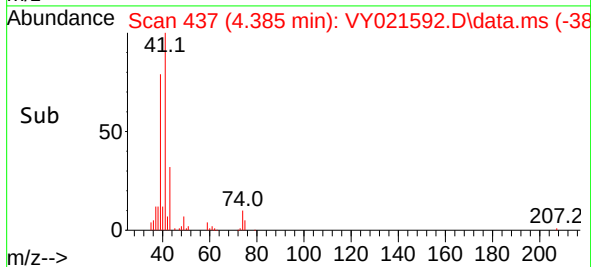
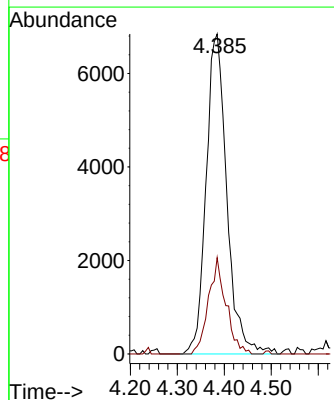
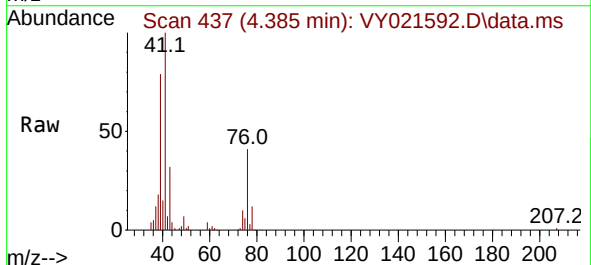
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

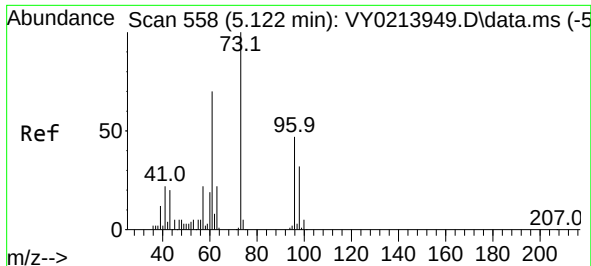
Tgt Ion: 76 Resp: 113067
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 20.438 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 43 Resp: 20915
Ion Ratio Lower Upper
43 100
74 25.6 19.4 29.0

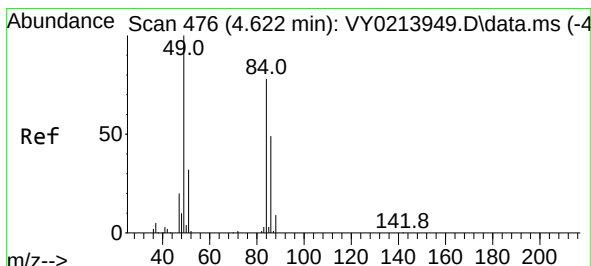
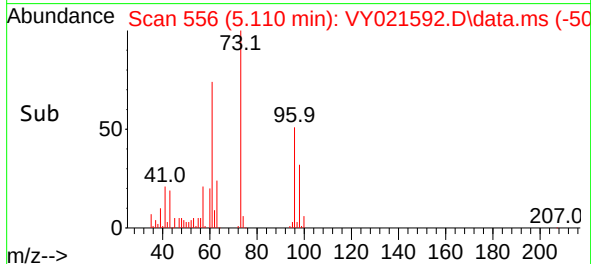
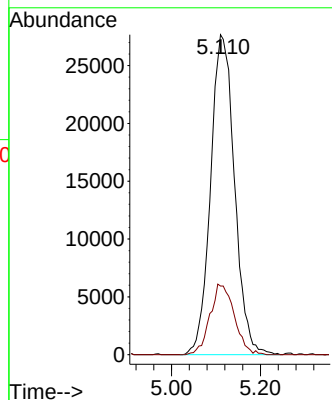
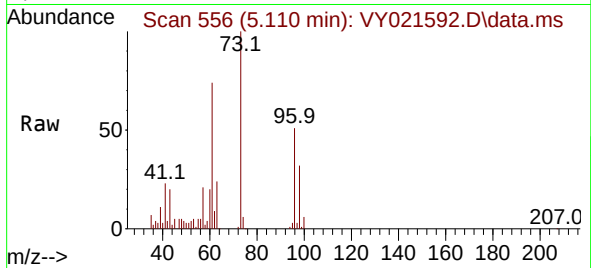




#19
Methyl tert-butyl Ether
Concen: 19.863 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

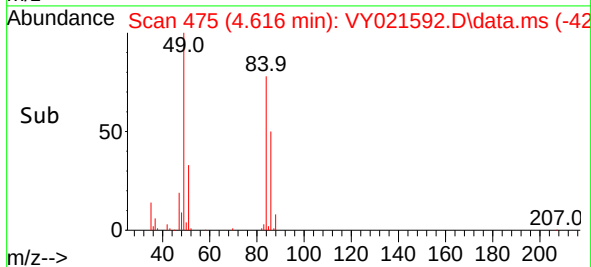
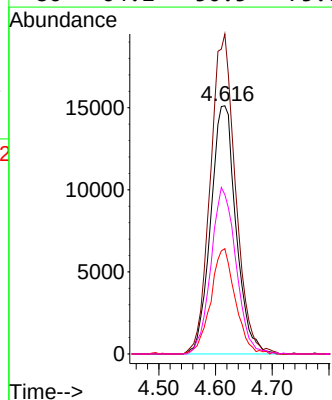
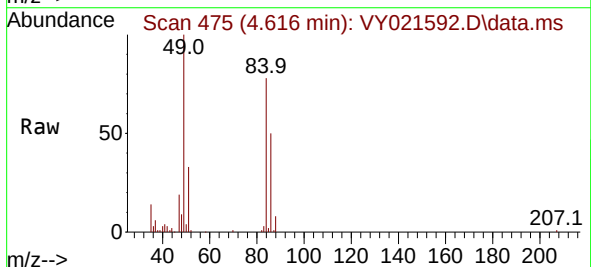
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

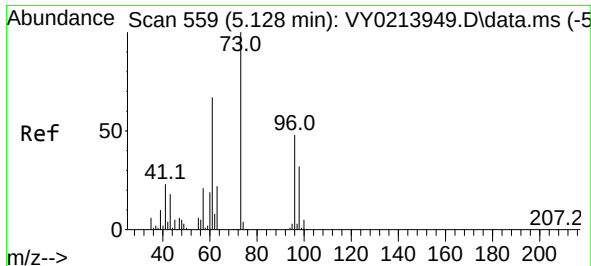
Tgt Ion: 73 Resp: 103465
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9



#20
Methylene Chloride
Concen: 19.356 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 84 Resp: 46861
Ion Ratio Lower Upper
84 100
49 128.9 102.0 153.0
51 42.4 33.0 49.6
86 64.2 50.5 75.7

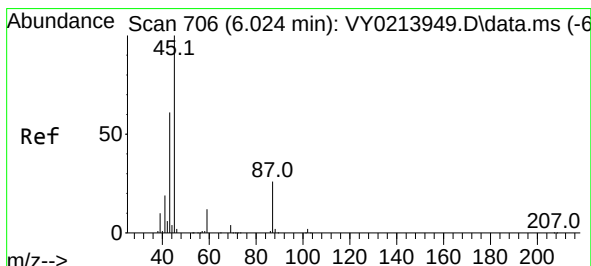
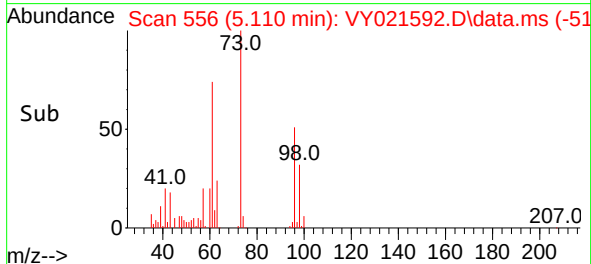
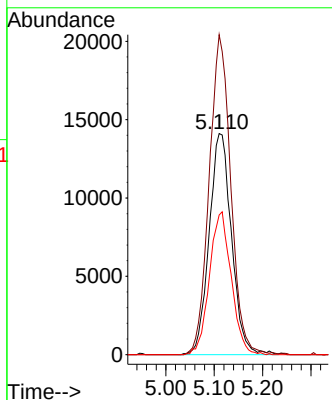
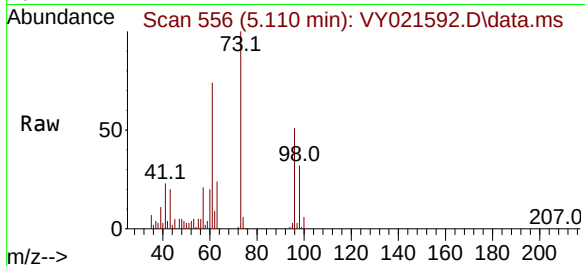




#21
trans-1,2-Dichloroethene
Concen: 19.738 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

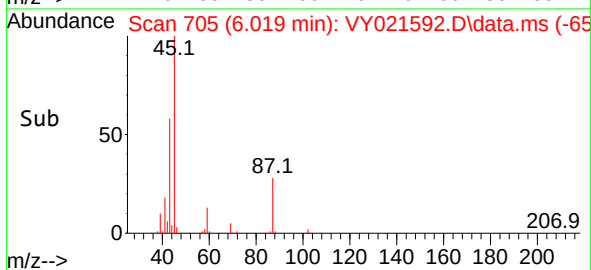
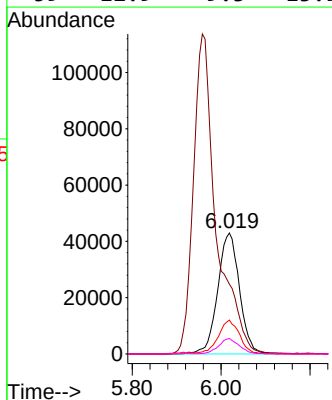
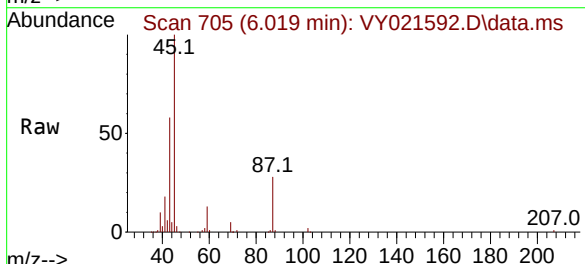
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

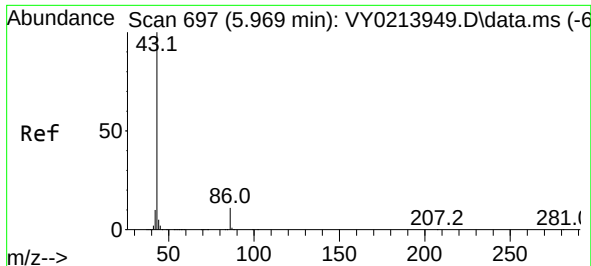
Tgt Ion: 96 Resp: 45430
Ion Ratio Lower Upper
96 100
61 144.7 111.5 167.3
98 63.2 53.8 80.8



#22
Diisopropyl ether
Concen: 20.376 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 45 Resp: 145843
Ion Ratio Lower Upper
45 100
43 56.8 48.7 73.1
87 28.0 21.5 32.3
59 12.9 9.3 13.9

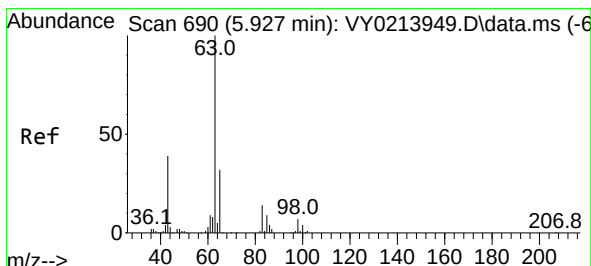
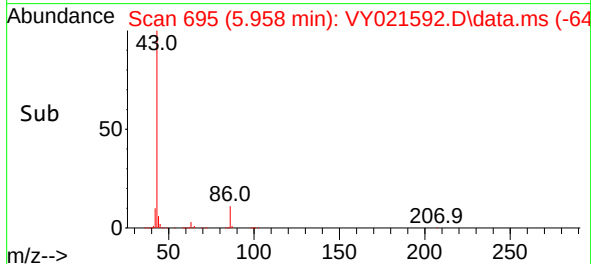
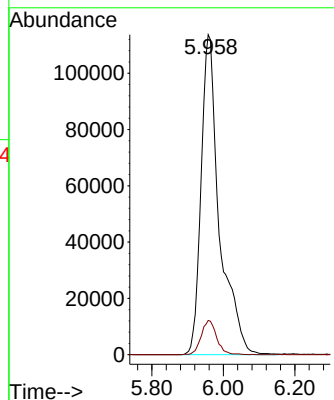
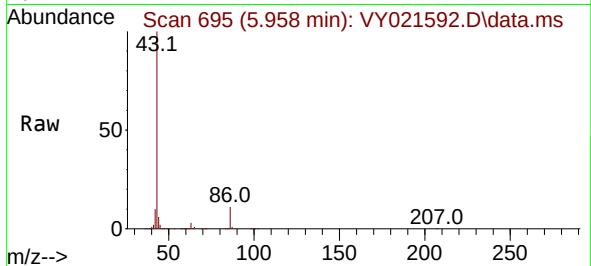




#23
 Vinyl Acetate
 Concen: 99.041 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

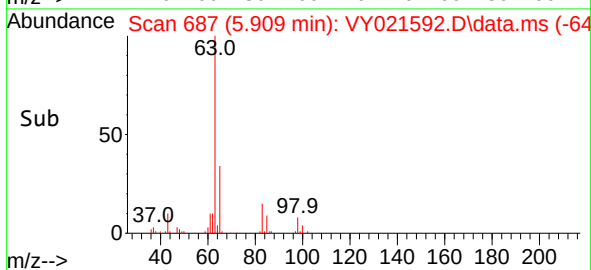
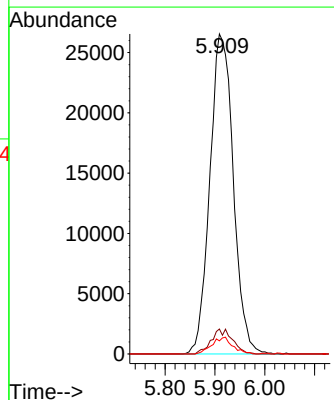
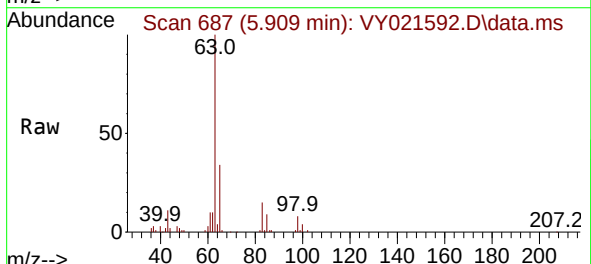
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

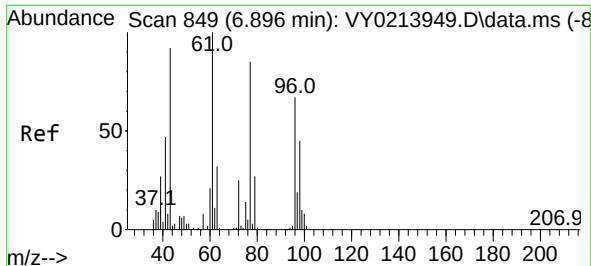
Tgt Ion: 43 Resp: 404570
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.513 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion: 63 Resp: 86654
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.9
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 109.048 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

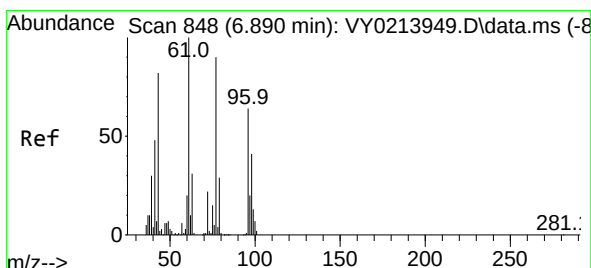
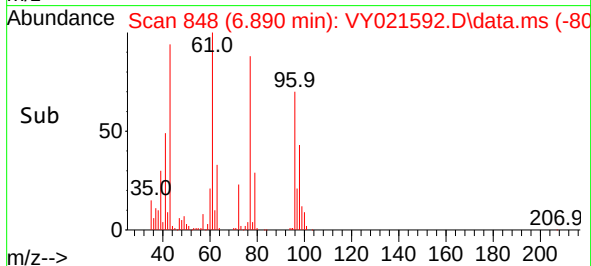
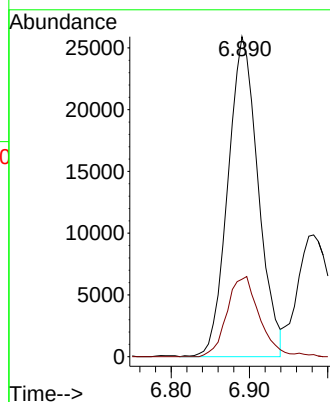
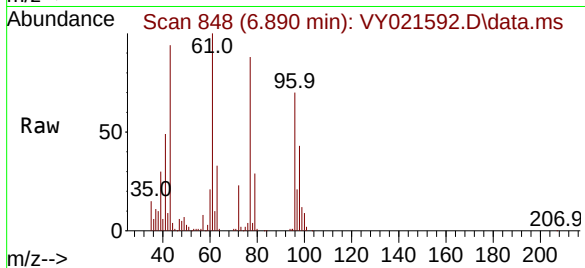
VY0321SBS01

Tgt Ion: 43 Resp: 69573

Ion Ratio Lower Upper

43 100

72 24.2 21.4 32.0



#26

2,2-Dichloropropane

Concen: 20.686 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021592.D

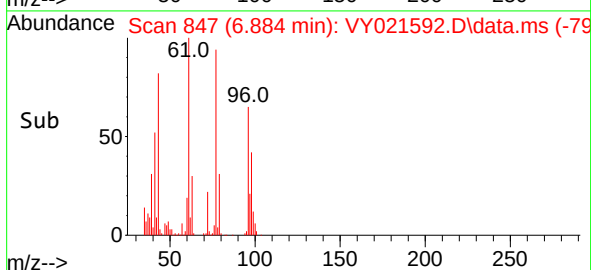
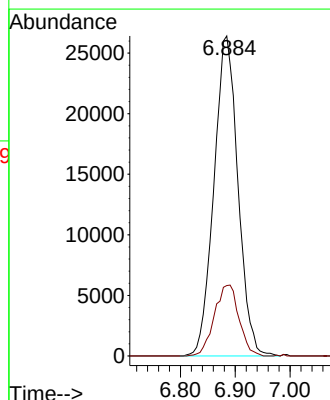
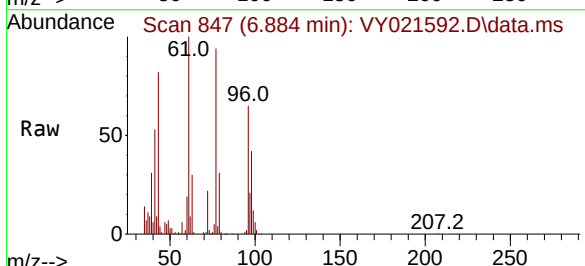
Acq: 21 Mar 2025 12:19

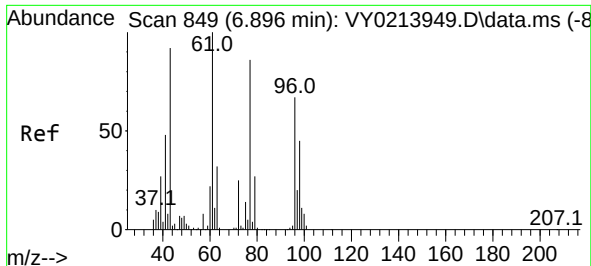
Tgt Ion: 77 Resp: 80404

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8



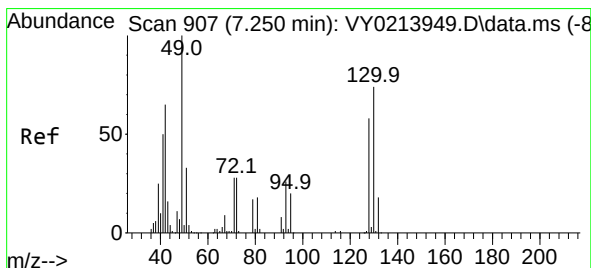
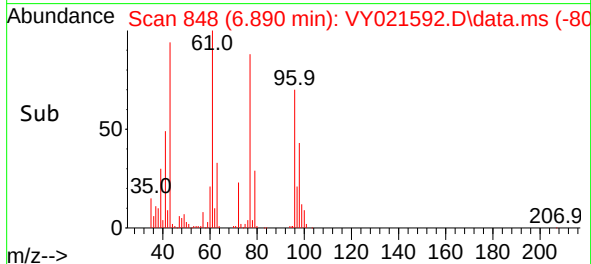
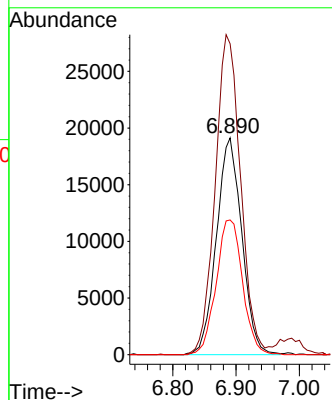
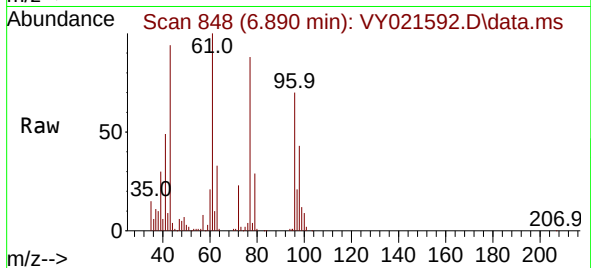


#27
 cis-1,2-Dichloroethene
 Concen: 20.387 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

Tgt Ion: 96 Resp: 53305

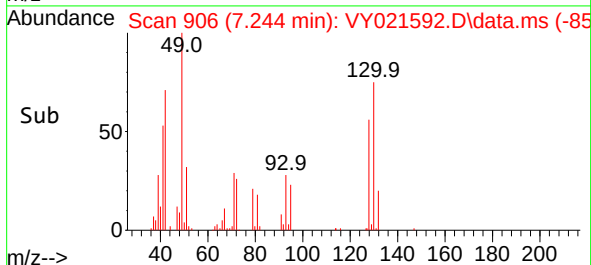
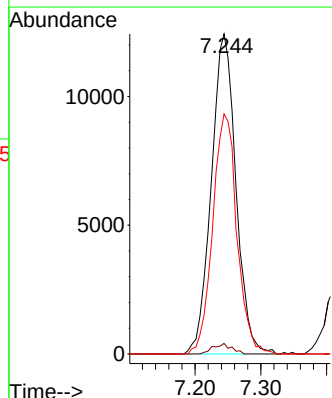
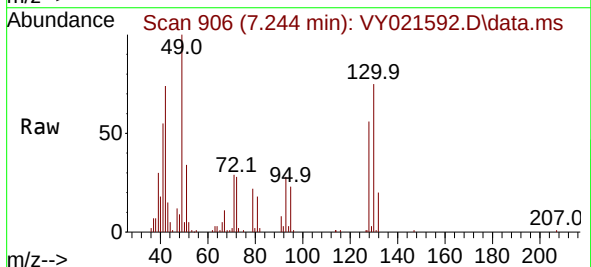
Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	300.8
98	64.6	0.0	130.0

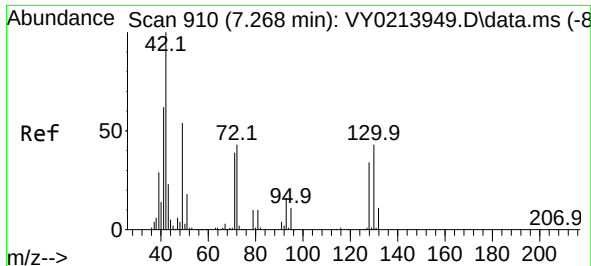


#28
 Bromochloromethane
 Concen: 18.286 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion: 49 Resp: 32385

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	73.5	59.6	89.4





#29

Tetrahydrofuran

Concen: 97.699 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

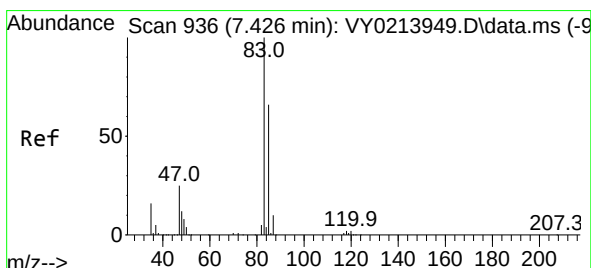
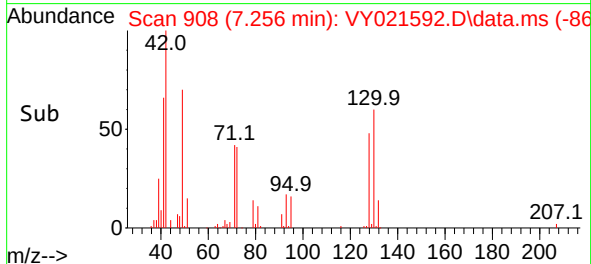
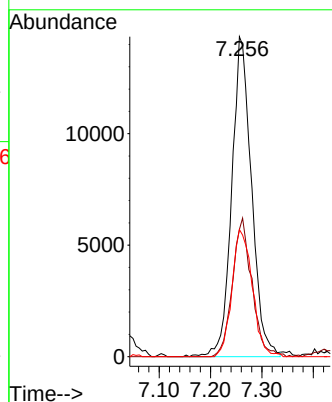
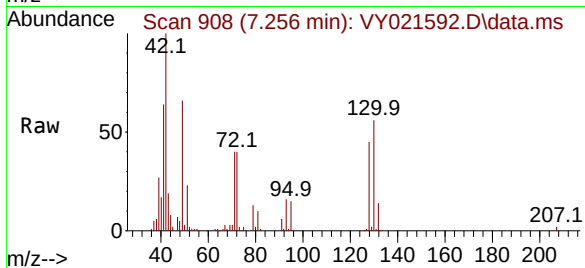
Tgt Ion: 42 Resp: 38481

Ion Ratio Lower Upper

42 100

72 42.5 34.8 52.2

71 40.8 32.6 48.8



#30

Chloroform

Concen: 21.122 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021592.D

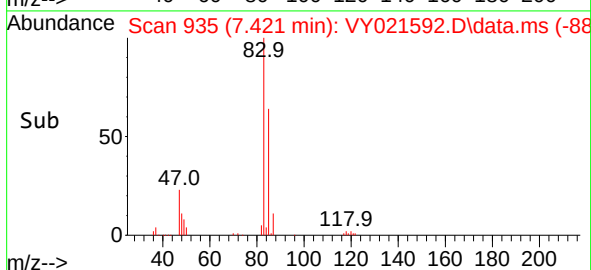
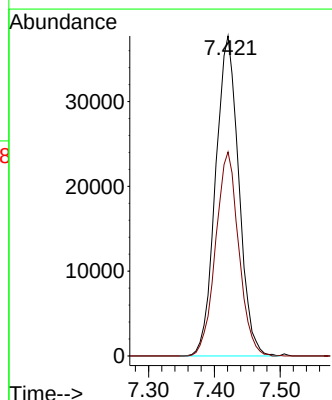
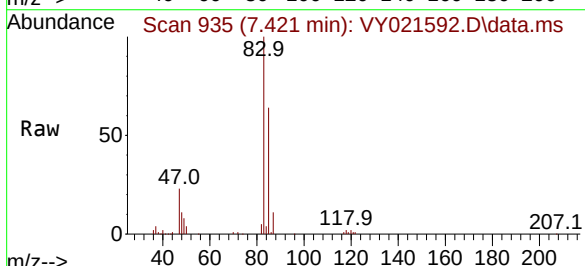
Acq: 21 Mar 2025 12:19

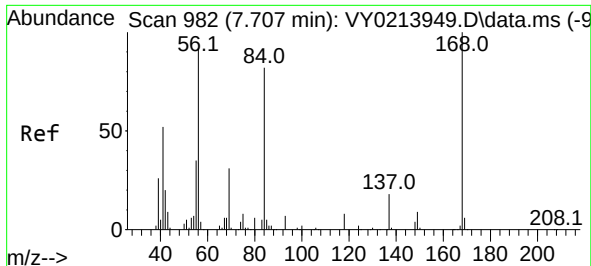
Tgt Ion: 83 Resp: 92655

Ion Ratio Lower Upper

83 100

85 63.8 53.1 79.7

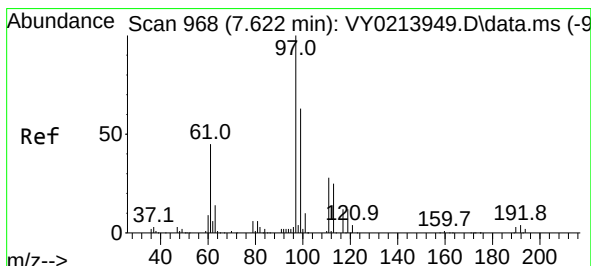
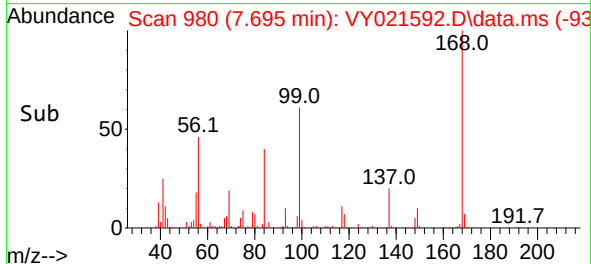
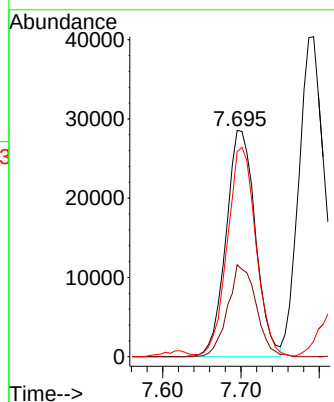
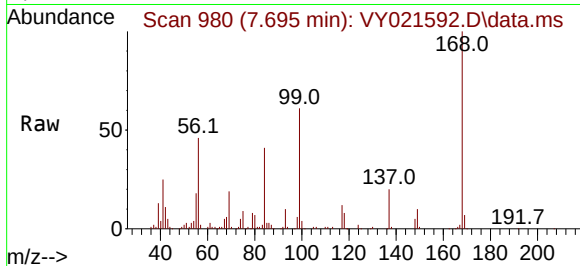




#31
Cyclohexane
Concen: 18.786 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

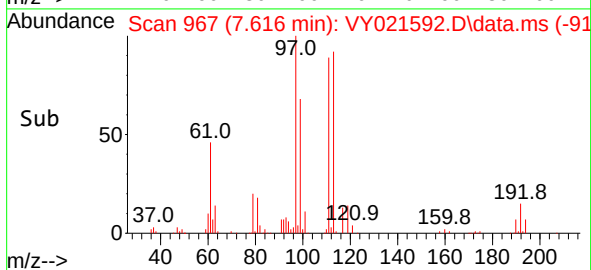
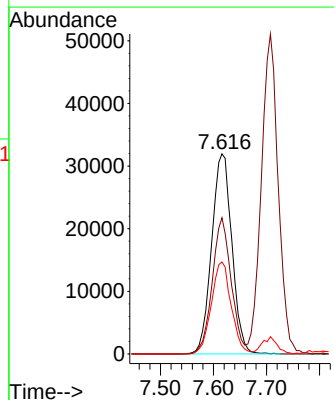
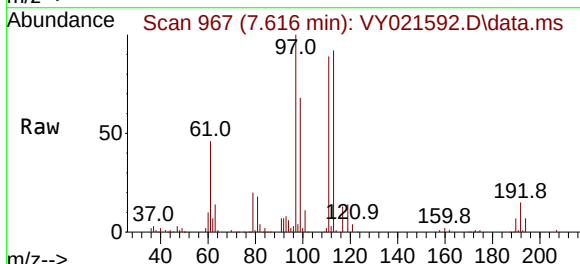
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

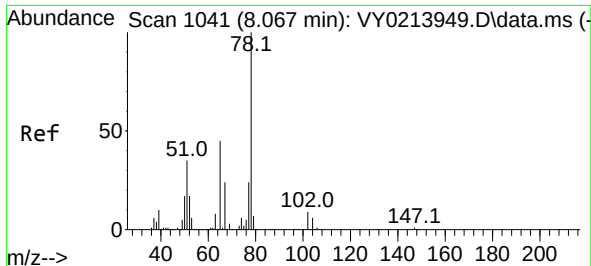
Tgt Ion: 56 Resp: 74399
Ion Ratio Lower Upper
56 100
69 40.7 27.0 40.4#
84 88.6 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 21.104 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 97 Resp: 84765
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 44.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 56.942 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

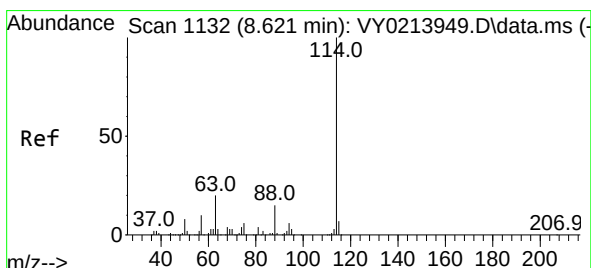
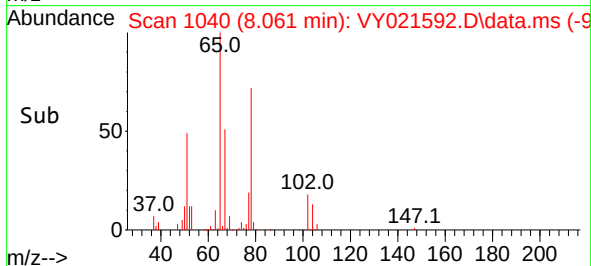
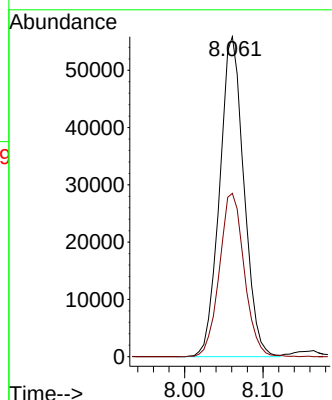
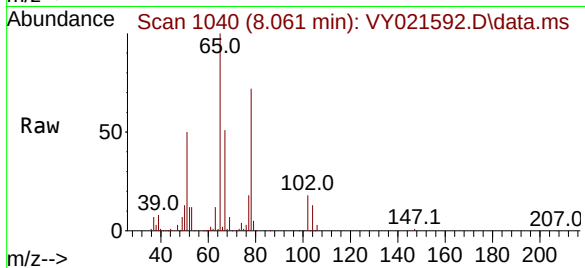
VY0321SBS01

Tgt Ion: 65 Resp: 120411

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

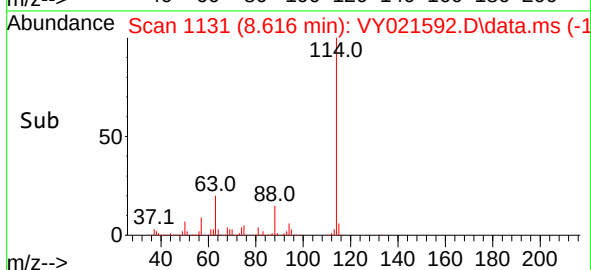
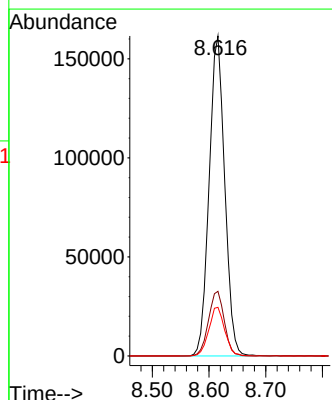
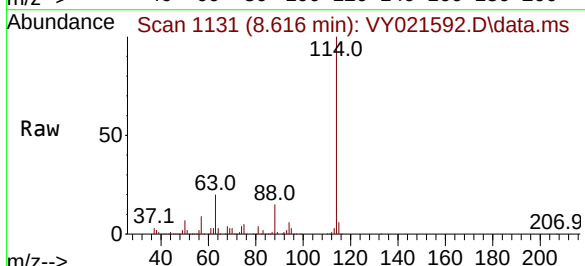
Tgt Ion: 114 Resp: 308028

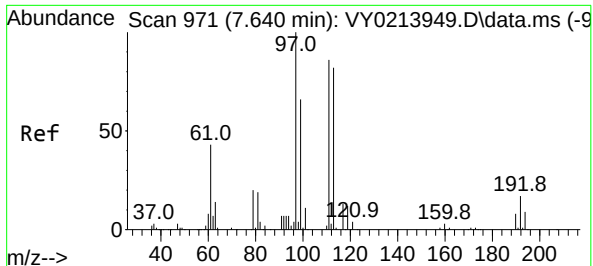
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.2 0.0 30.8



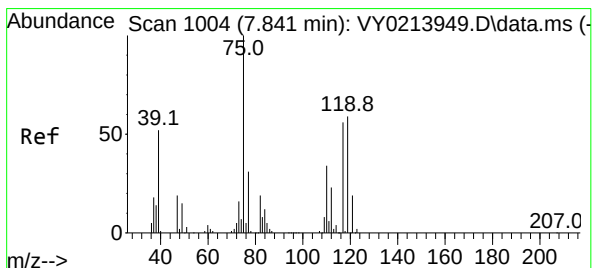
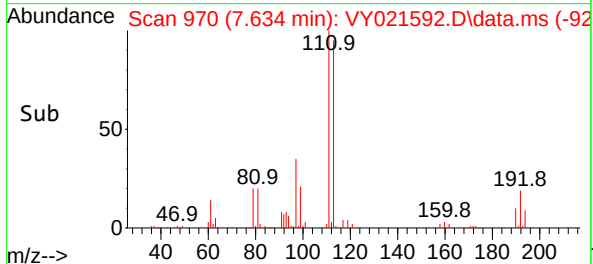
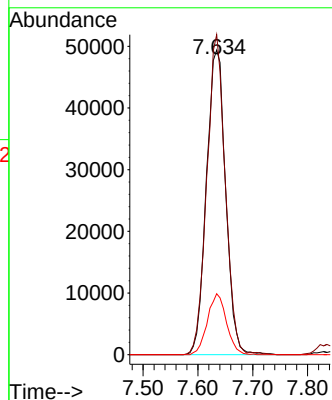
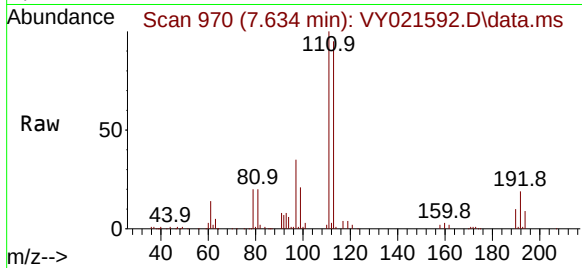


#35
 Dibromofluoromethane
 Concen: 59.378 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

Tgt Ion:113 Resp: 120224

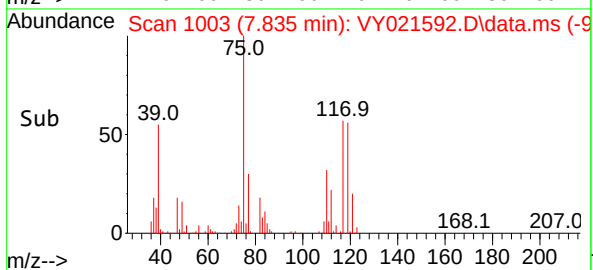
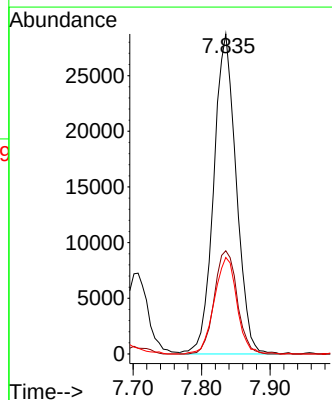
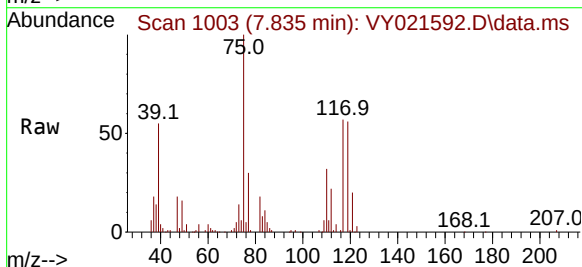
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.0	123.0
192	19.8	15.9	23.9

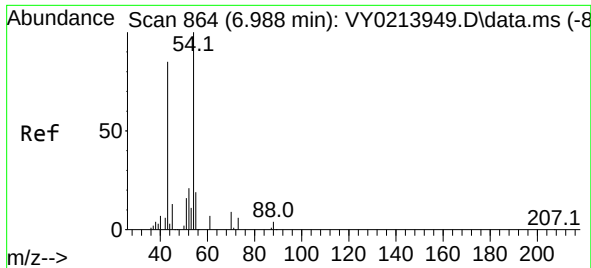


#36
 1,1-Dichloropropene
 Concen: 20.651 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. -0.006 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion: 75 Resp: 65449

Ion	Ratio	Lower	Upper
75	100		
110	32.7	17.3	51.7
77	30.4	25.4	38.2

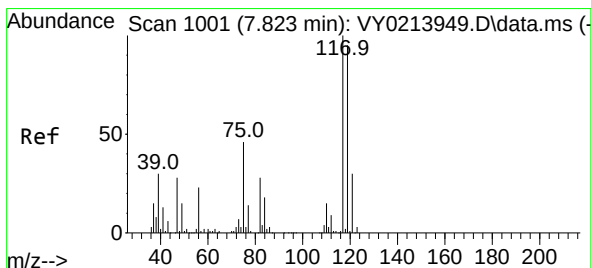
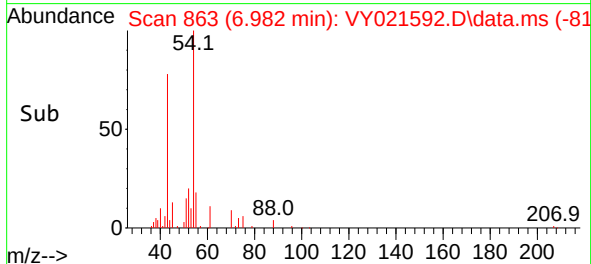
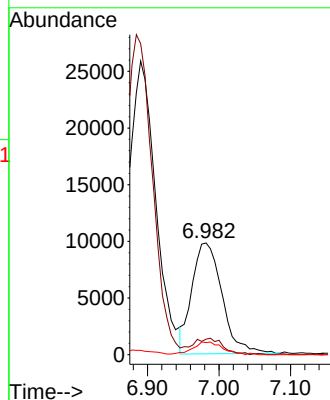
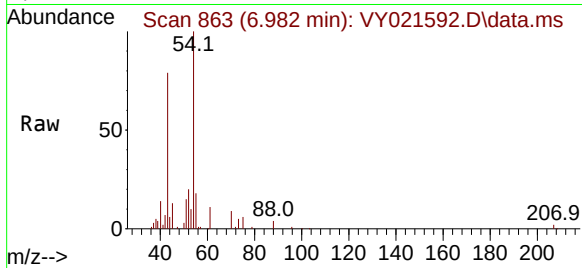




#37
Ethyl Acetate
Concen: 20.396 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

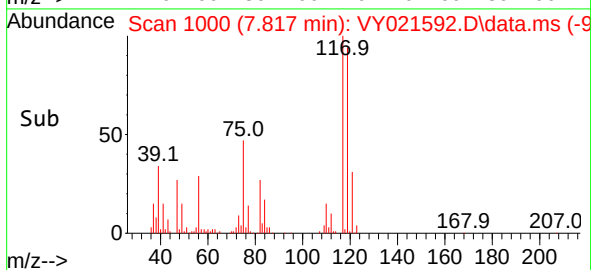
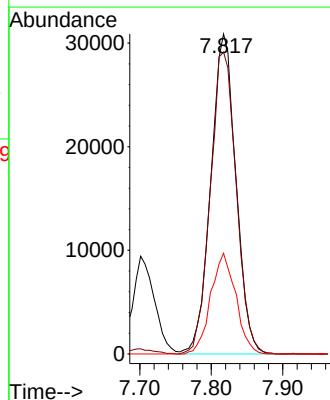
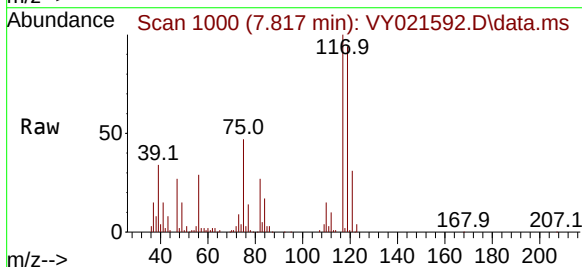
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

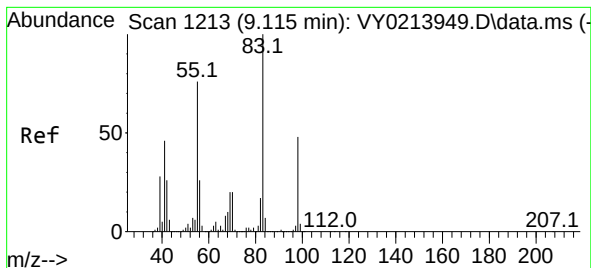
Tgt Ion: 43 Resp: 28570
Ion Ratio Lower Upper
43 100
61 13.5 11.4 17.0
70 11.1 8.2 12.2



#38
Carbon Tetrachloride
Concen: 20.637 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 117 Resp: 75220
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
121 31.5 23.9 35.9





#39

Methylcyclohexane

Concen: 19.111 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

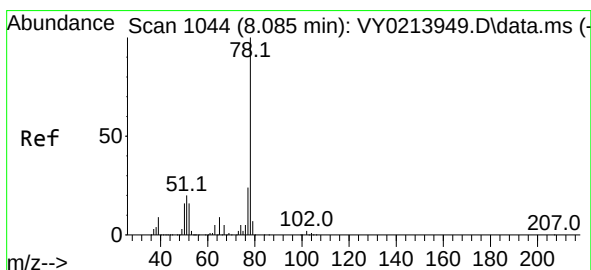
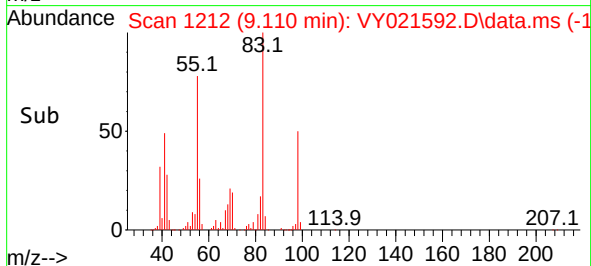
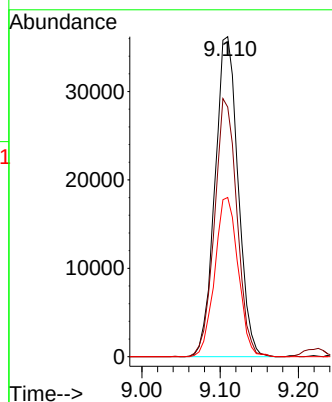
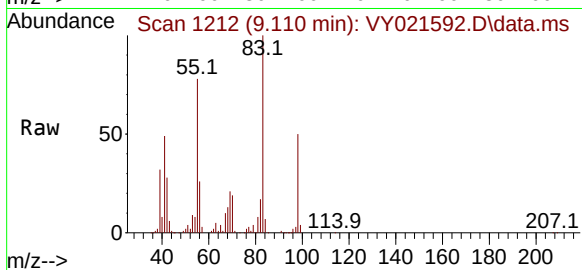
Tgt Ion: 83 Resp: 74293

Ion Ratio Lower Upper

83 100

55 78.0 60.7 91.1

98 49.8 38.6 57.8



#40

Benzene

Concen: 20.286 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021592.D

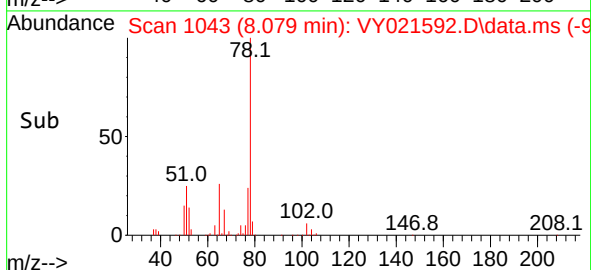
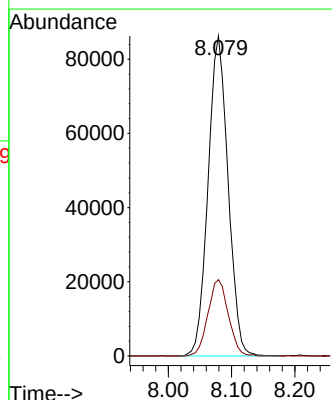
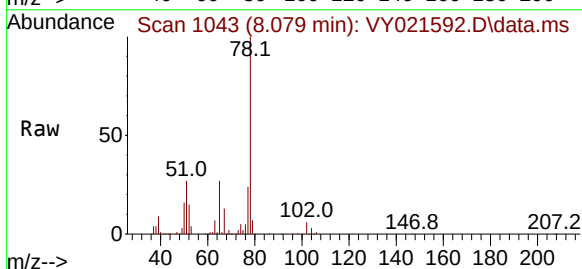
Acq: 21 Mar 2025 12:19

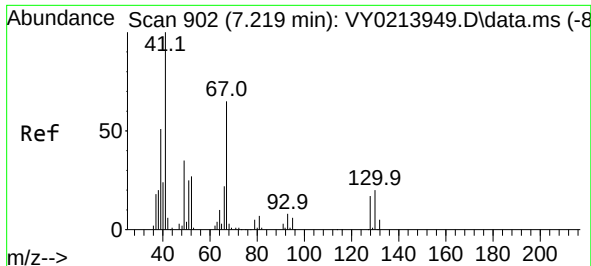
Tgt Ion: 78 Resp: 189396

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4

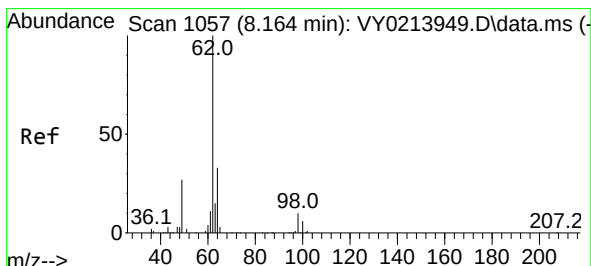
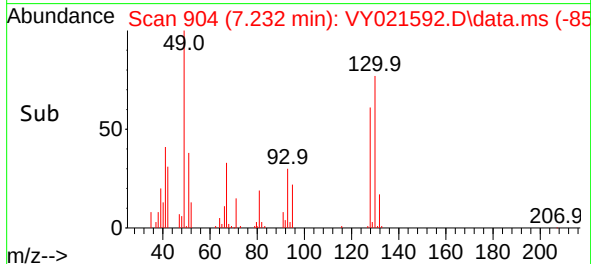
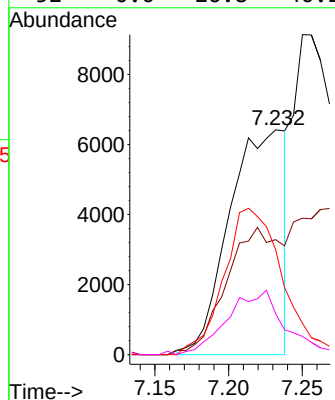
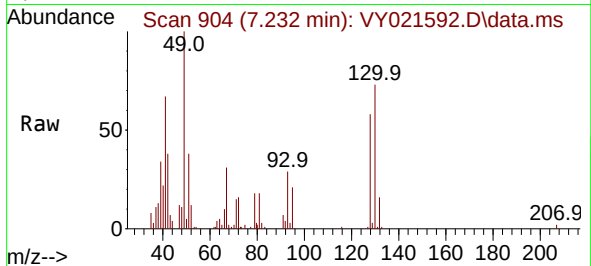




#41
Methacrylonitrile
Concen: 22.269 ug/l m
RT: 7.232 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

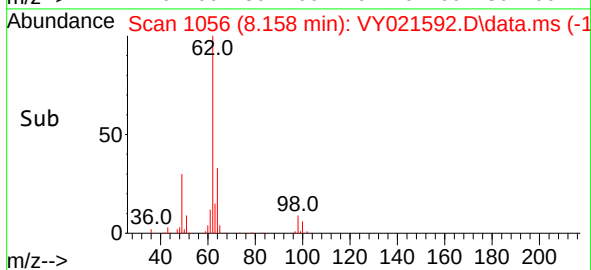
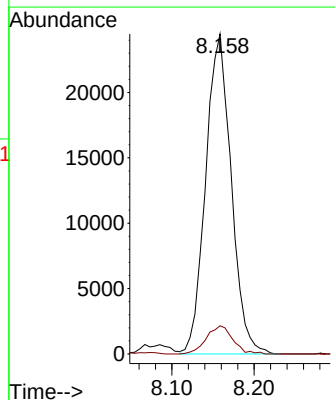
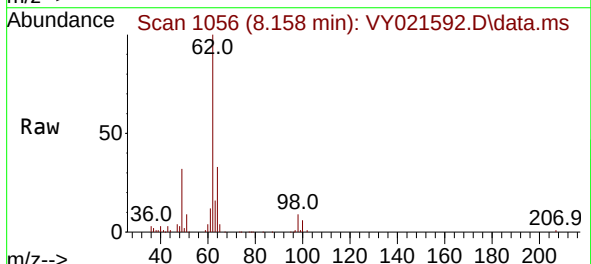
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

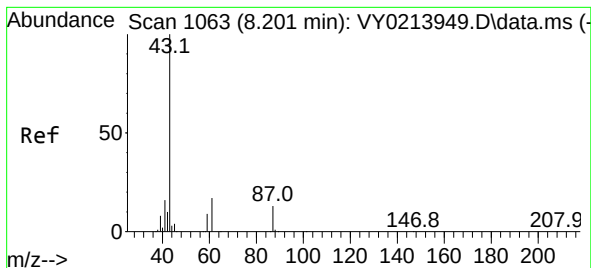
Tgt Ion: 41 Resp: 16985
Ion Ratio Lower Upper
41 100
39 61.7 35.0 52.6#
67 0.0 61.2 91.8#
52 0.0 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 20.248 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 62 Resp: 52883
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 19.772 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

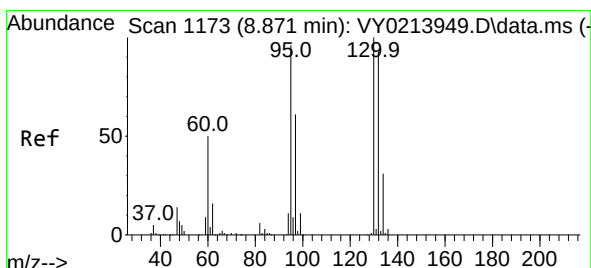
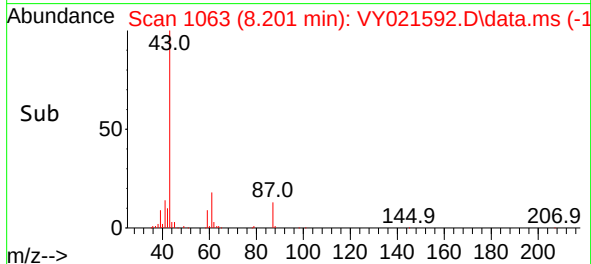
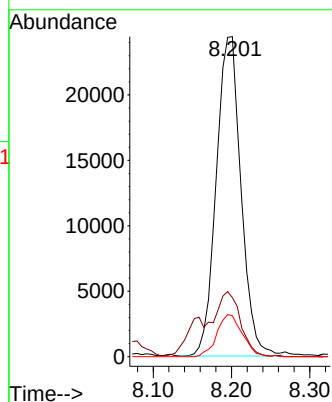
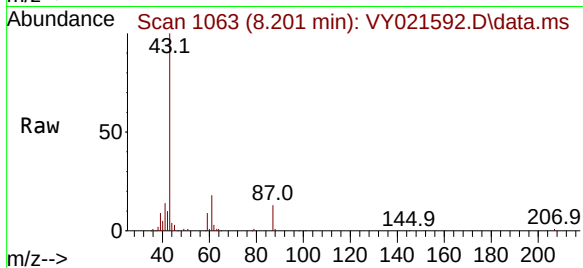
Tgt Ion: 43 Resp: 53766

Ion Ratio Lower Upper

43 100

61 18.2 23.4 35.0#

87 13.5 10.5 15.7



#44

Trichloroethene

Concen: 20.929 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VY021592.D

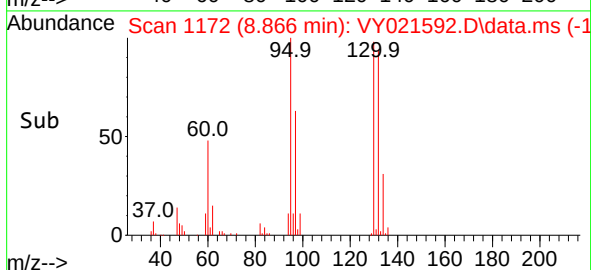
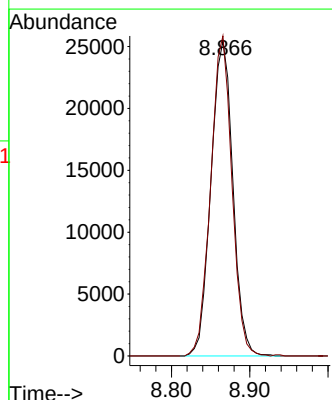
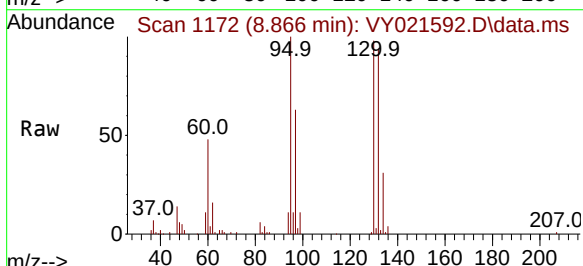
Acq: 21 Mar 2025 12:19

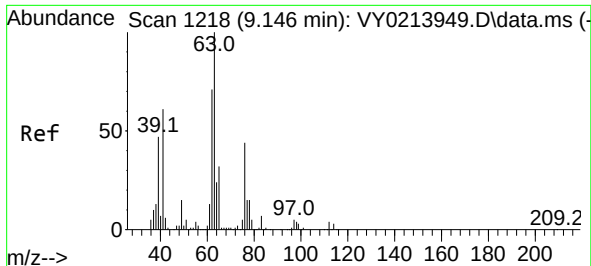
Tgt Ion:130 Resp: 49376

Ion Ratio Lower Upper

130 100

95 101.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.611 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

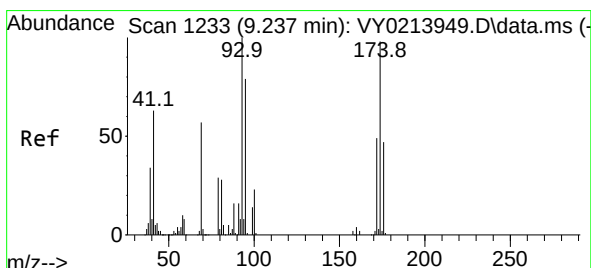
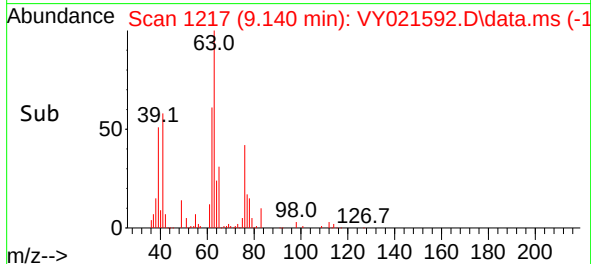
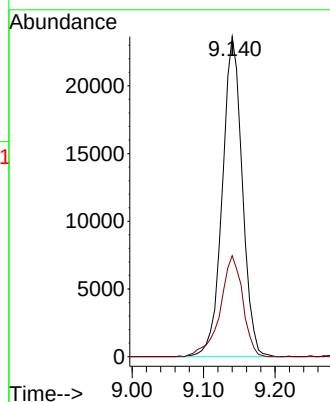
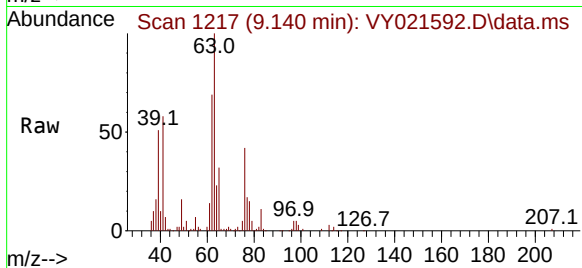
VY0321SBS01

Tgt Ion: 63 Resp: 45798

Ion Ratio Lower Upper

63 100

65 31.5 26.0 39.0



#46

Dibromomethane

Concen: 20.323 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

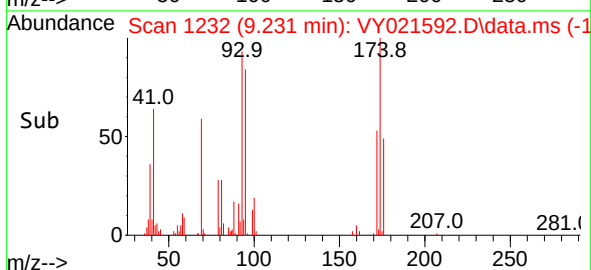
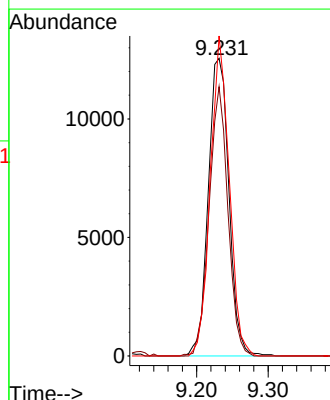
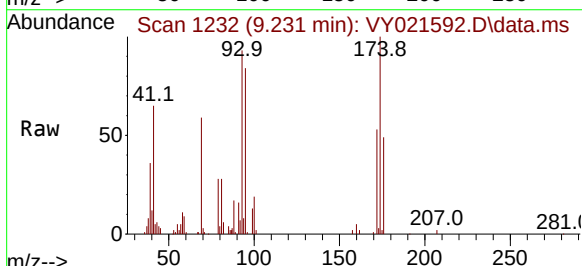
Tgt Ion: 93 Resp: 25126

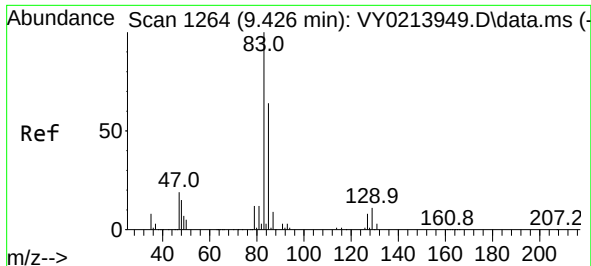
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 98.4 77.9 116.9

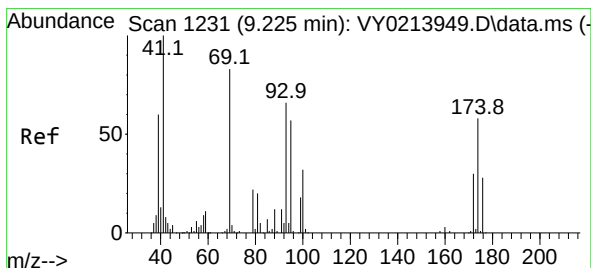
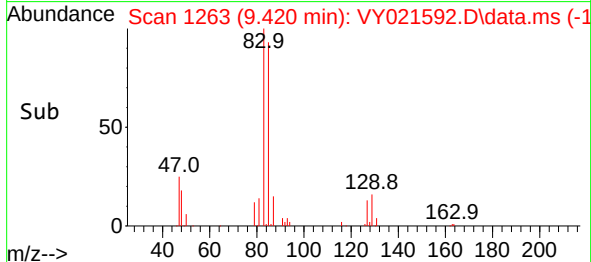
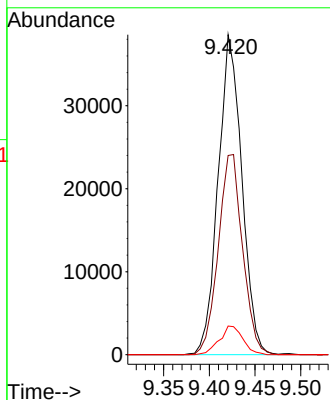
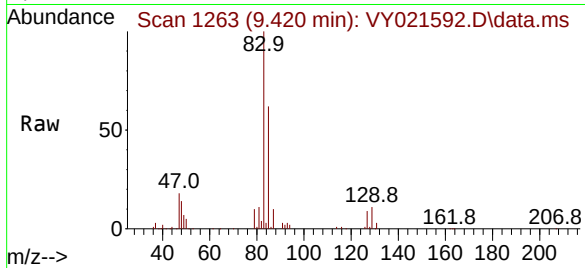




#47
Bromodichloromethane
Concen: 21.187 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

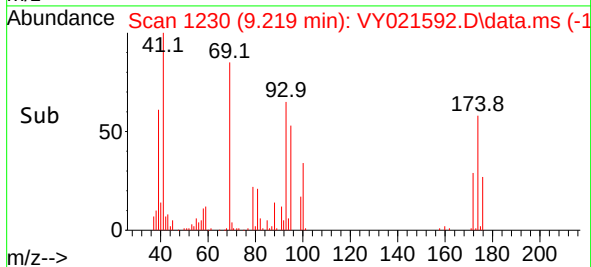
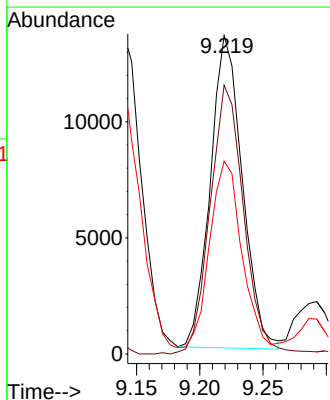
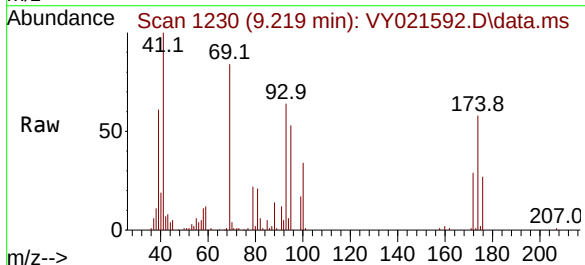
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

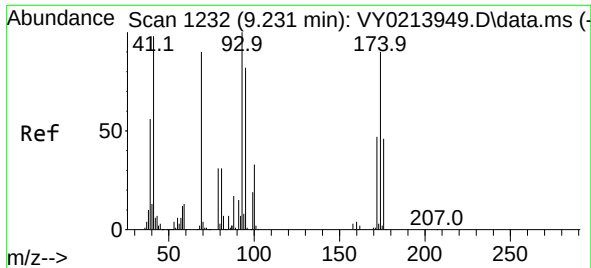
Tgt Ion: 83 Resp: 69564
Ion Ratio Lower Upper
83 100
85 62.3 51.1 76.7
127 8.9 6.7 10.1



#48
Methyl methacrylate
Concen: 18.919 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 41 Resp: 23624
Ion Ratio Lower Upper
41 100
69 90.6 67.8 101.8
39 60.7 46.4 69.6

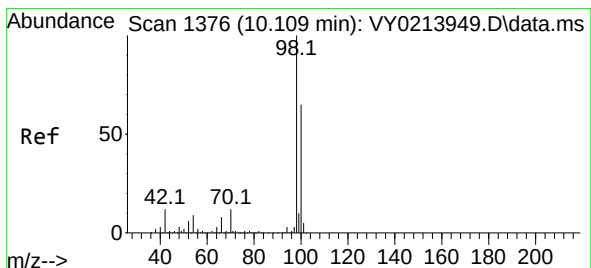
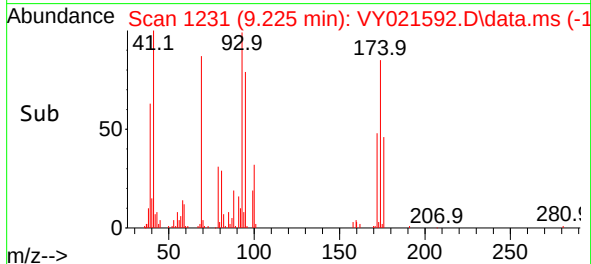
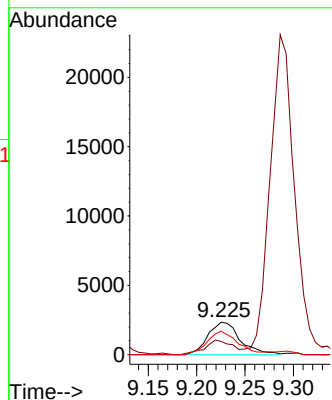
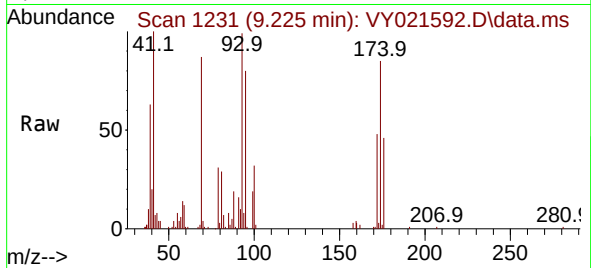




#49
1,4-Dioxane
Concen: 447.958 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

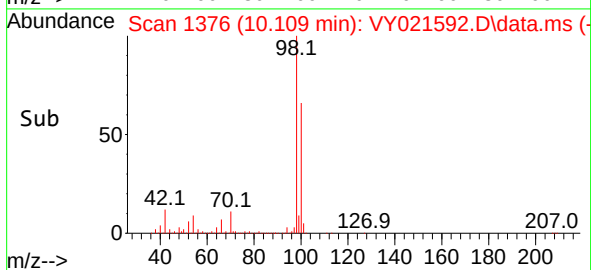
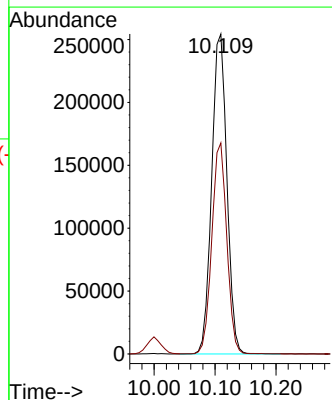
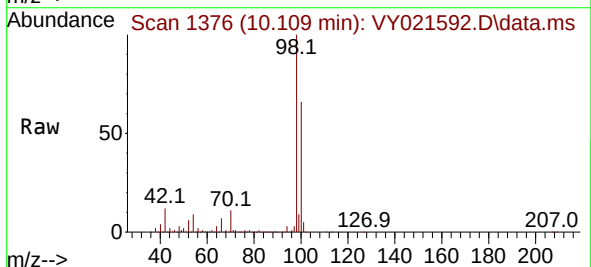
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

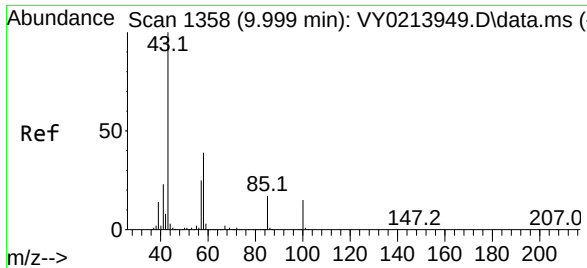
Tgt Ion: 88 Resp: 5436
Ion Ratio Lower Upper
88 100
43 37.4 25.0 37.4
58 68.4 58.4 87.6



#50
Toluene-d8
Concen: 57.391 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 98 Resp: 439972
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

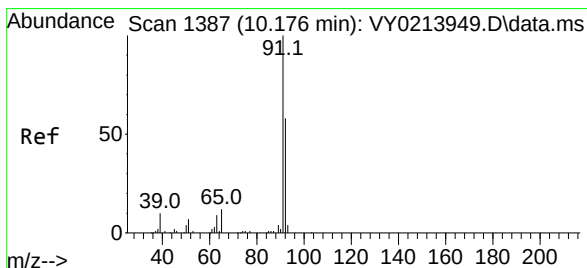
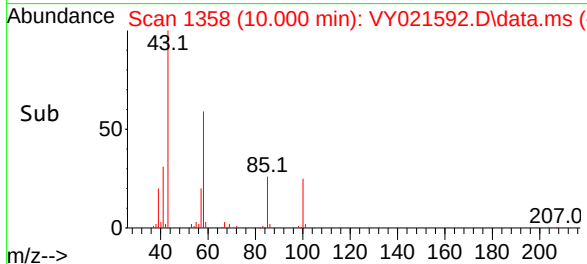
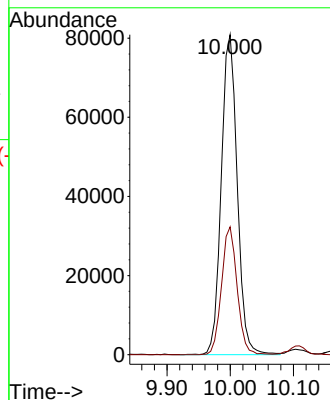
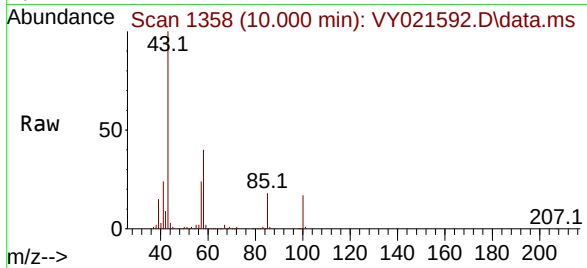




#51
4-Methyl-2-Pentanone
Concen: 100.616 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

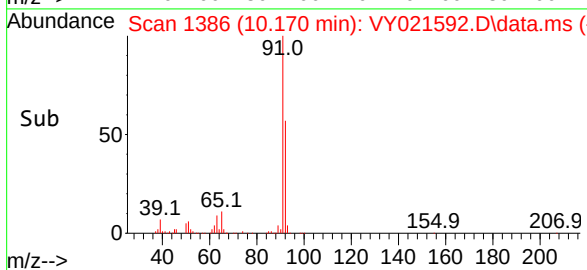
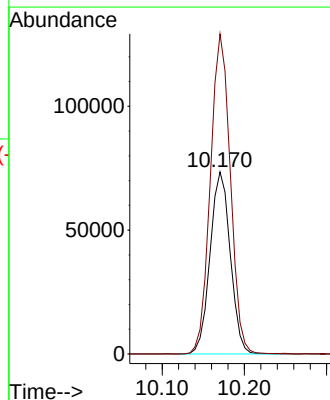
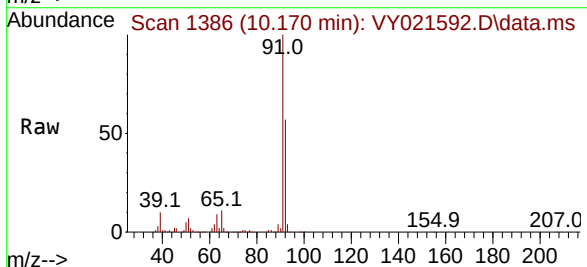
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

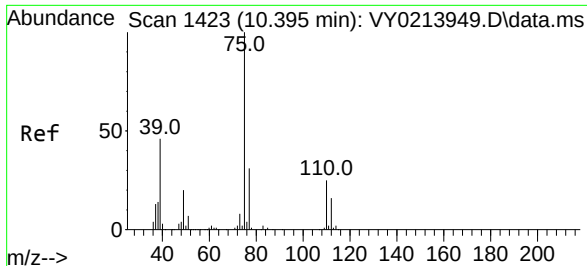
Tgt Ion: 43 Resp: 141171
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 21.260 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 92 Resp: 125139
Ion Ratio Lower Upper
92 100
91 174.0 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 20.219 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

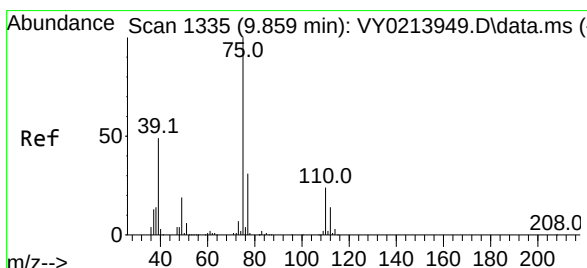
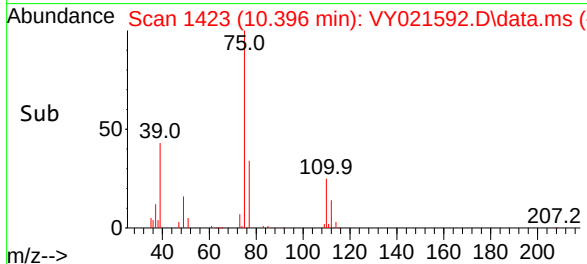
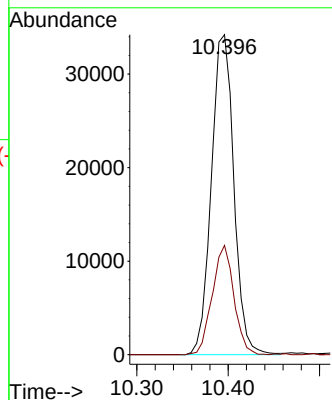
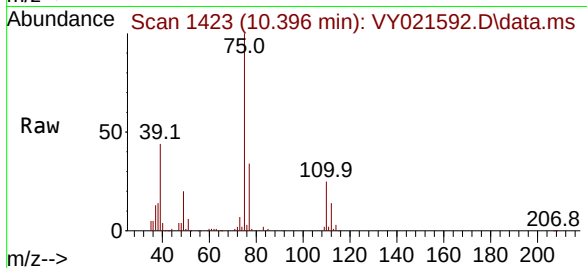
VY0321SBS01

Tgt Ion: 75 Resp: 58486

Ion Ratio Lower Upper

75 100

77 34.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.522 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

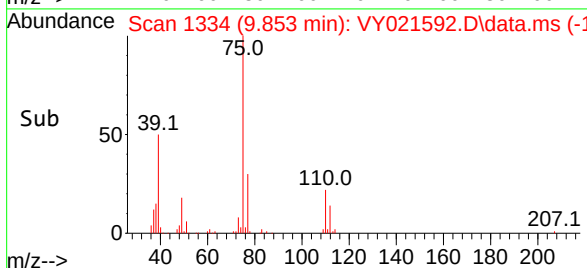
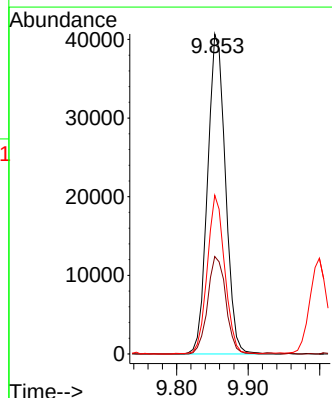
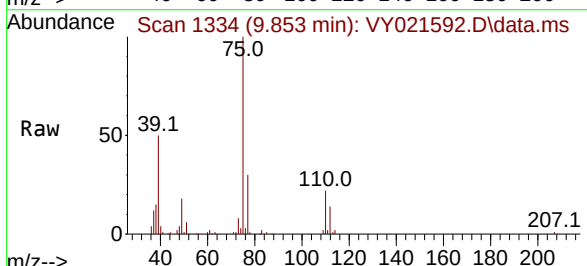
Tgt Ion: 75 Resp: 70480

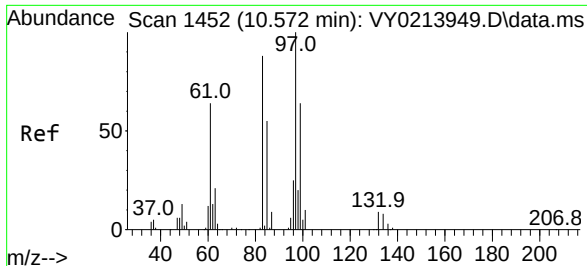
Ion Ratio Lower Upper

75 100

77 30.5 24.6 37.0

39 49.5 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 21.042 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

Tgt Ion: 97 Resp: 34031

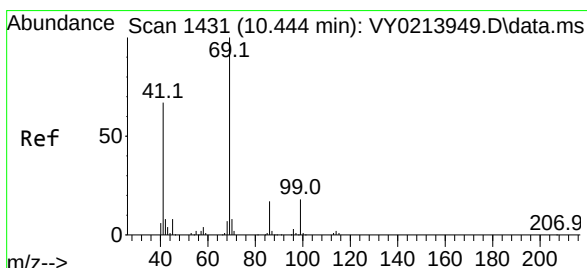
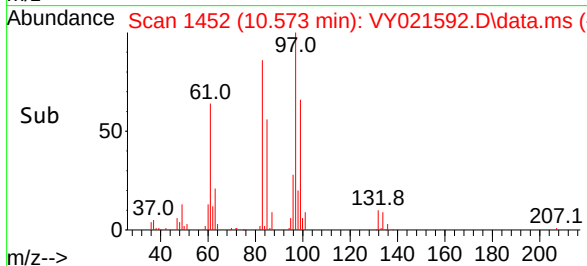
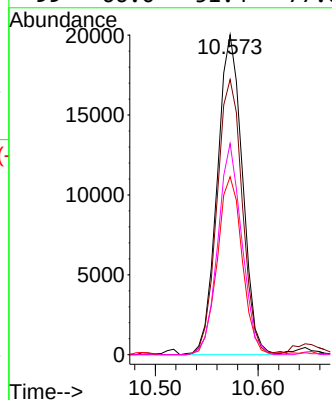
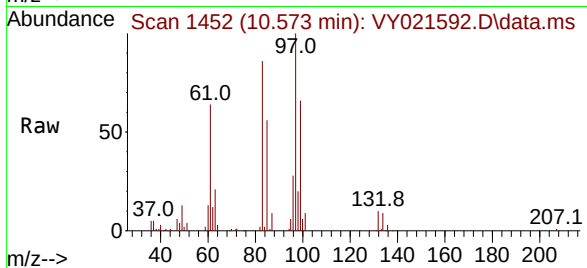
Ion Ratio Lower Upper

97 100

83 86.0 70.0 105.0

85 55.6 44.3 66.5

99 66.0 51.4 77.0



#56

Ethyl methacrylate

Concen: 19.199 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

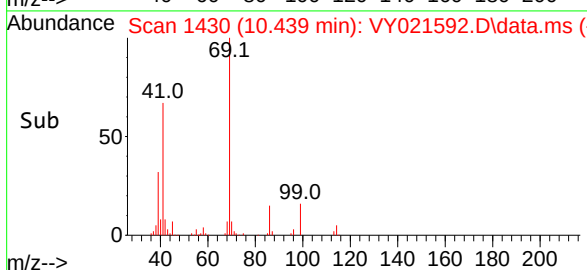
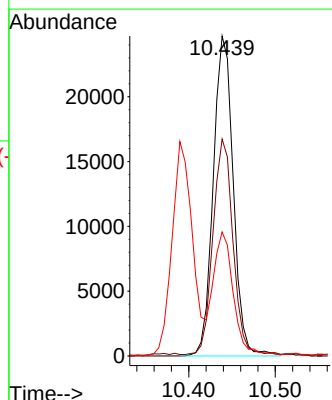
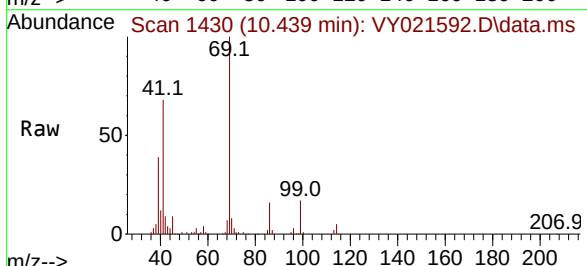
Tgt Ion: 69 Resp: 39599

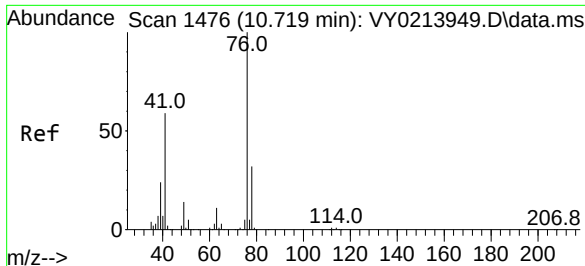
Ion Ratio Lower Upper

69 100

41 67.3 53.3 79.9

39 37.8 31.0 46.6

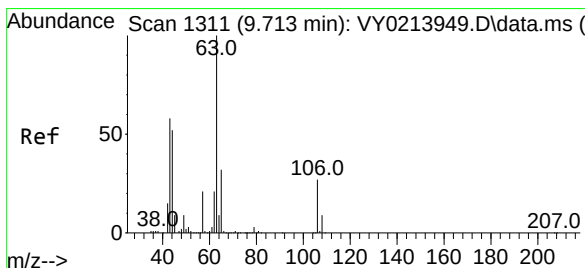
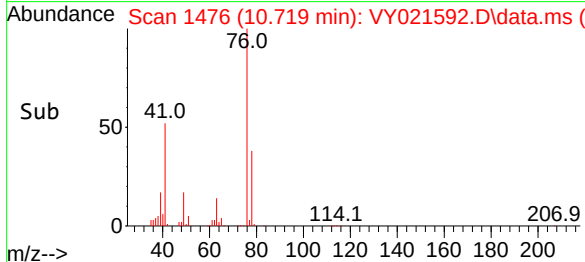
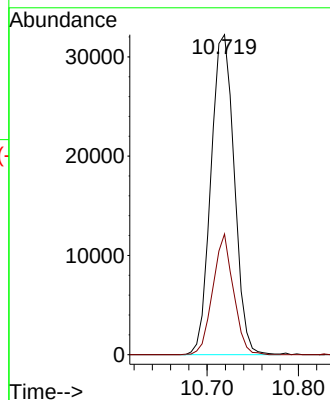
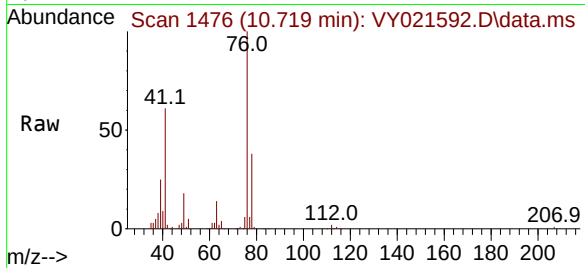




#57
 1,3-Dichloropropane
 Concen: 20.362 ug/l
 RT: 10.719 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

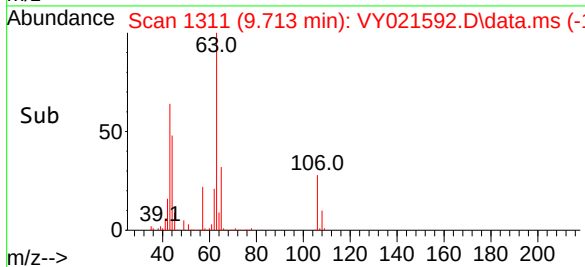
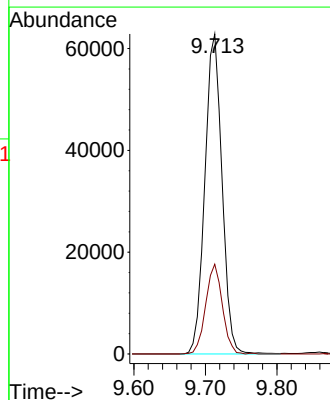
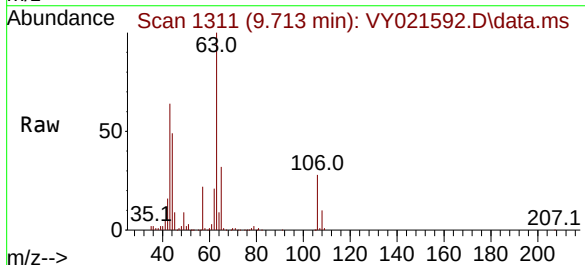
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

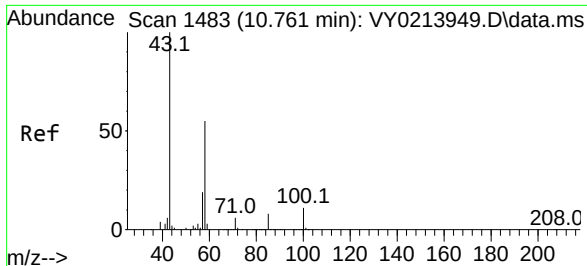
Tgt Ion: 76 Resp: 57074
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.850 ug/l
 RT: 9.713 min Scan# 1311
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion: 63 Resp: 104592
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.1 33.1

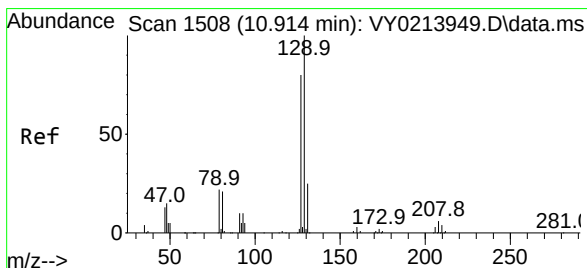
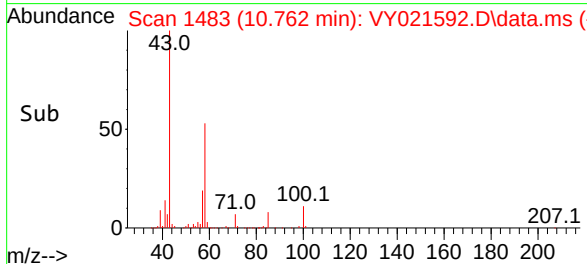
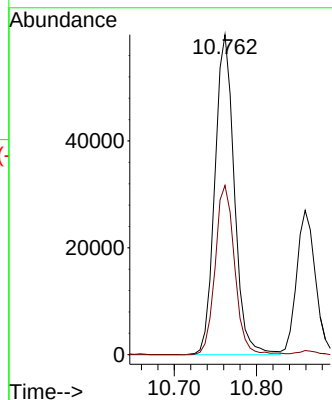
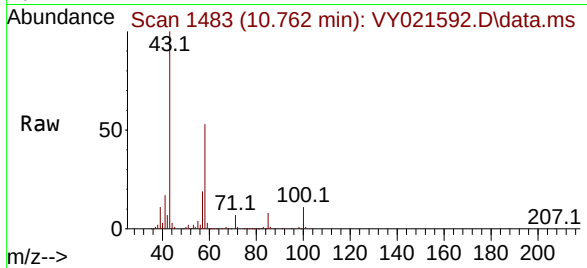




#59
2-Hexanone
Concen: 106.017 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

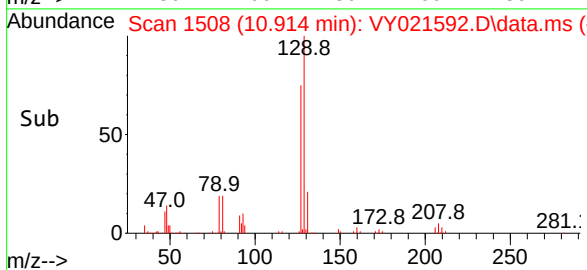
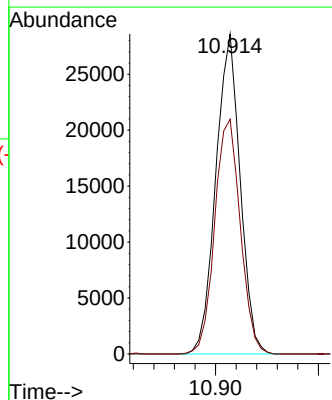
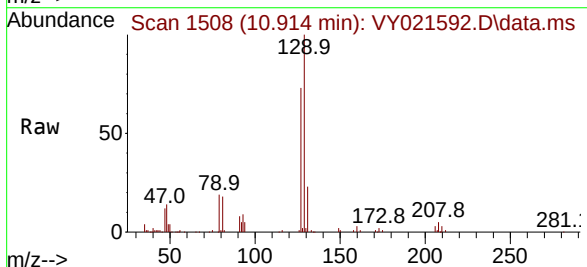
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

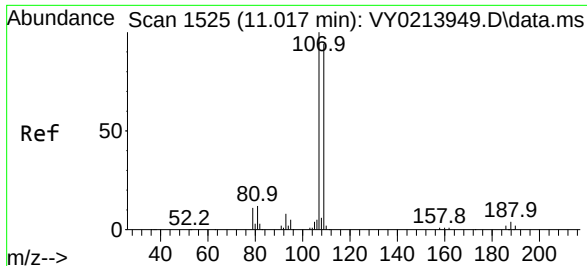
Tgt Ion: 43 Resp: 98357
Ion Ratio Lower Upper
43 100
58 53.0 27.3 81.8



#60
Dibromochloromethane
Concen: 21.202 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 129 Resp: 47007
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3

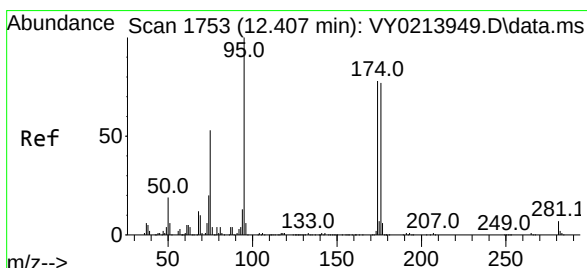
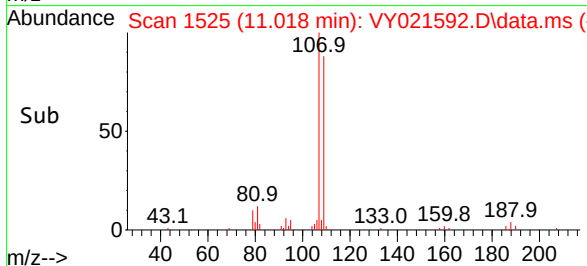
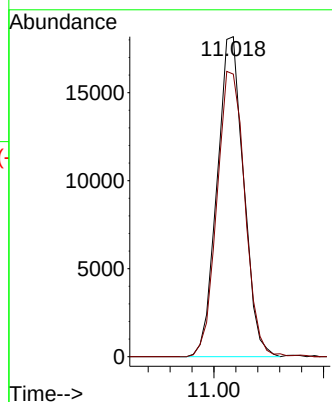
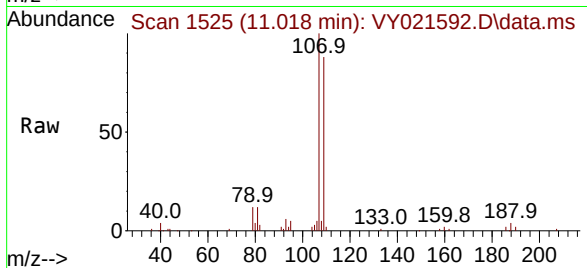




#61
1,2-Dibromoethane
Concen: 20.075 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

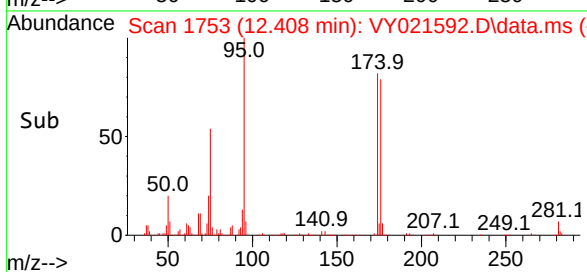
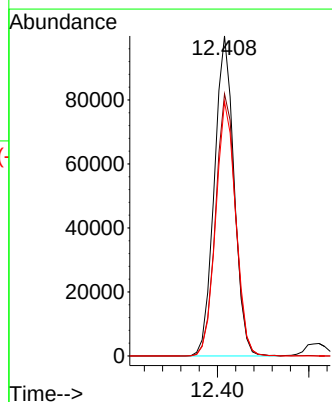
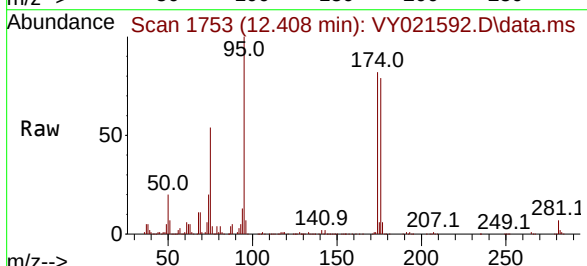
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

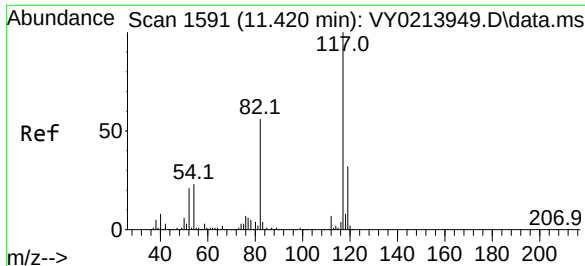
Tgt Ion:107 Resp: 30641
Ion Ratio Lower Upper
107 100
109 93.5 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 57.415 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 95 Resp: 149722
Ion Ratio Lower Upper
95 100
174 82.9 0.0 165.0
176 80.5 0.0 160.0

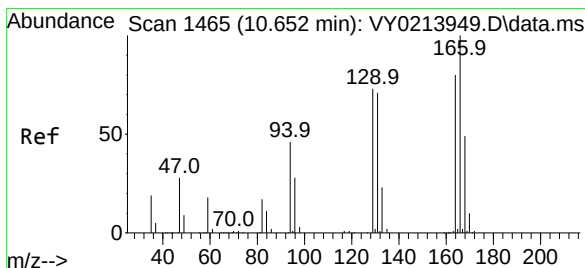
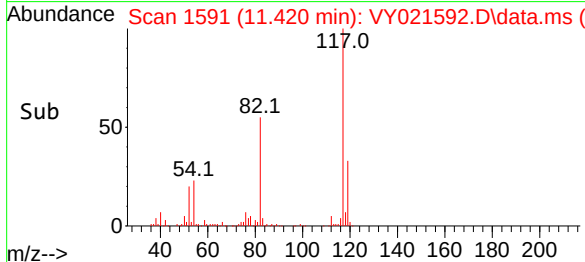
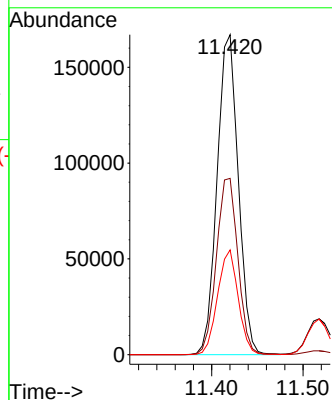
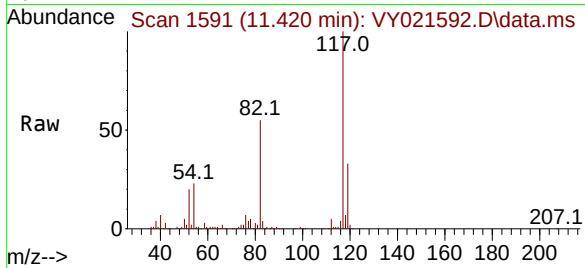




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

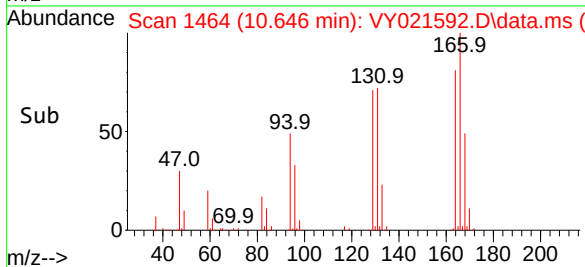
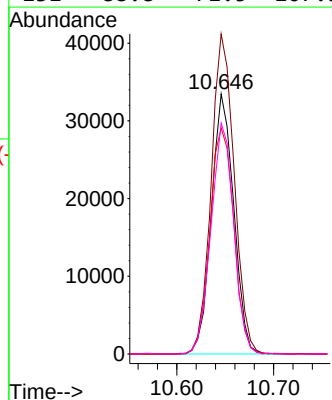
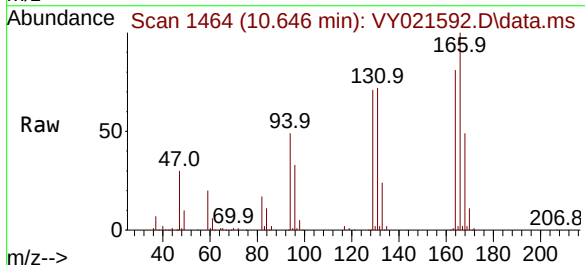
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

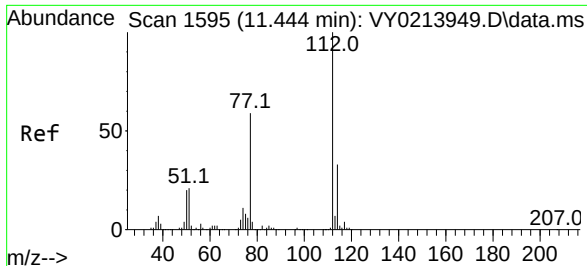
Tgt Ion:117 Resp: 269737
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 24.547 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion:164 Resp: 53841
Ion Ratio Lower Upper
164 100
166 122.9 100.4 150.6
129 86.9 73.8 110.8
131 88.8 71.5 107.3

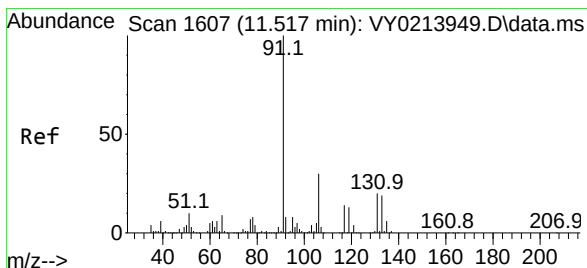
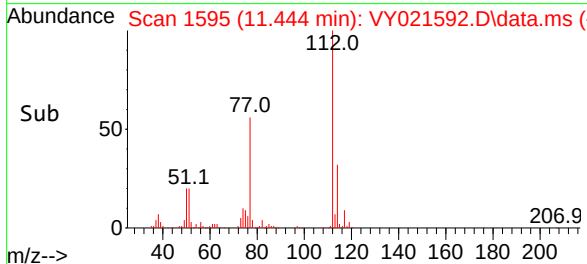
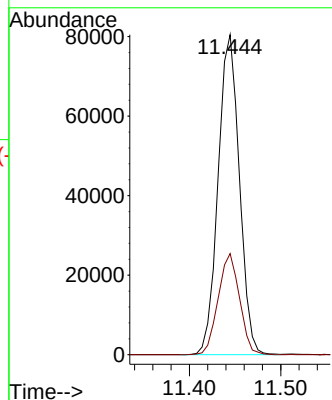
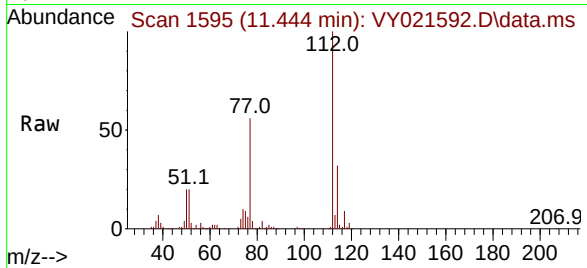




#65
Chlorobenzene
Concen: 20.453 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

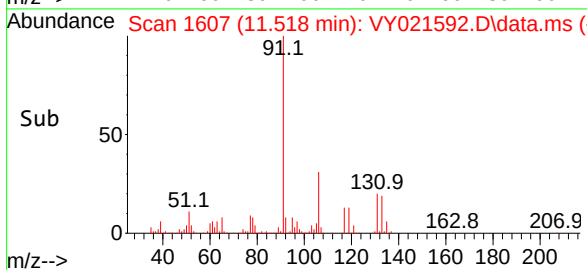
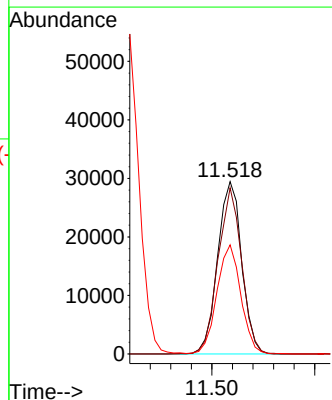
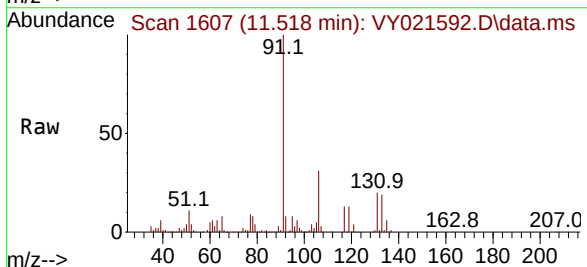
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

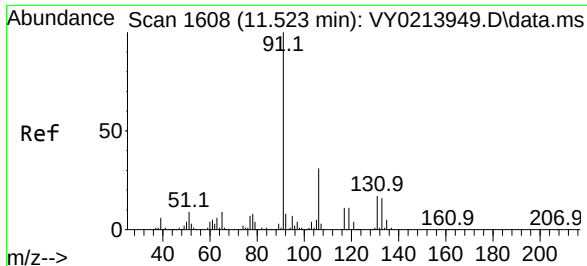
Tgt Ion:112 Resp: 130281
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.202 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion:131 Resp: 47747
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 63.0 32.3 96.9





#67

Ethyl Benzene

Concen: 20.223 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

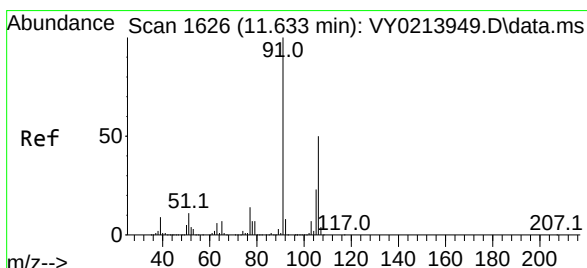
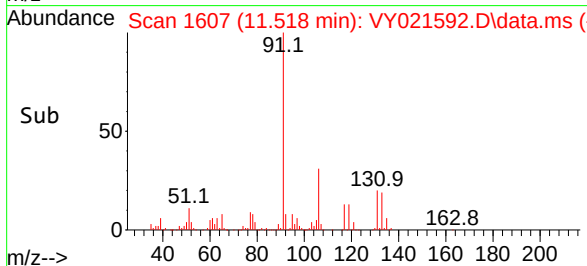
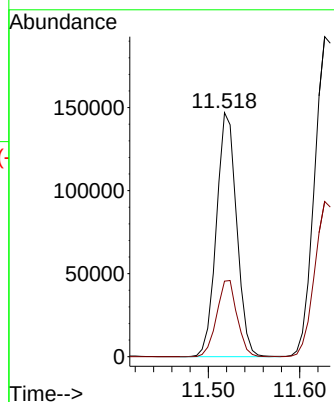
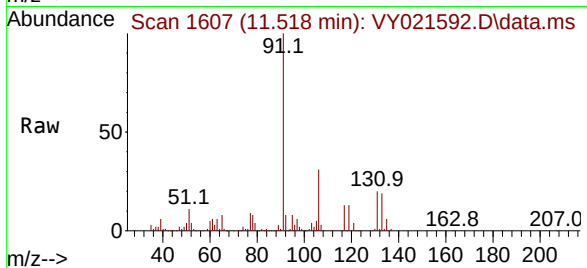
VY0321SBS01

Tgt Ion: 91 Resp: 226097

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 40.812 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021592.D

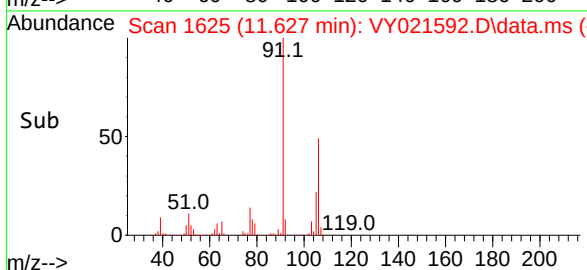
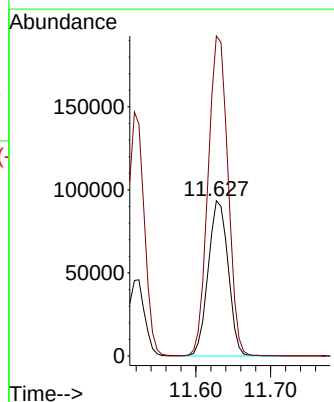
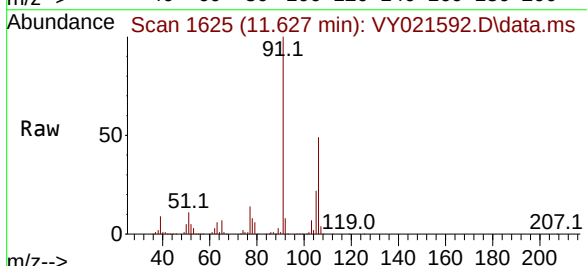
Acq: 21 Mar 2025 12:19

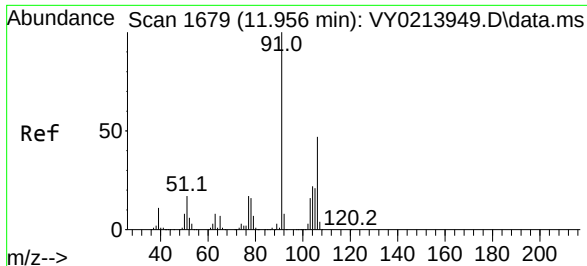
Tgt Ion:106 Resp: 173229

Ion Ratio Lower Upper

106 100

91 205.3 161.7 242.5





#69

o-Xylene

Concen: 20.950 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

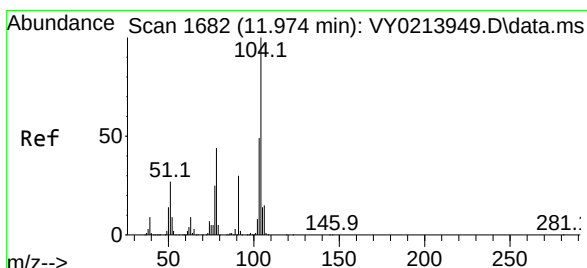
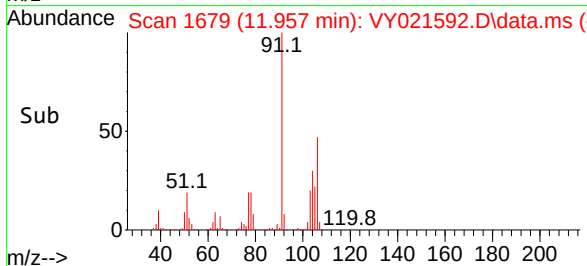
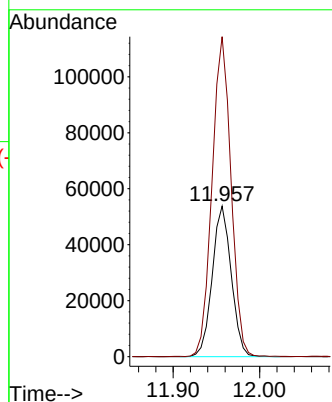
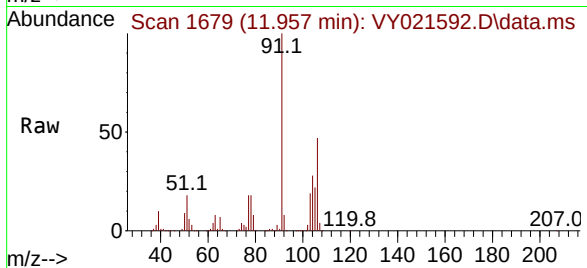
VY0321SBS01

Tgt Ion:106 Resp: 81954

Ion Ratio Lower Upper

106 100

91 212.7 107.6 322.8



#70

Styrene

Concen: 20.492 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

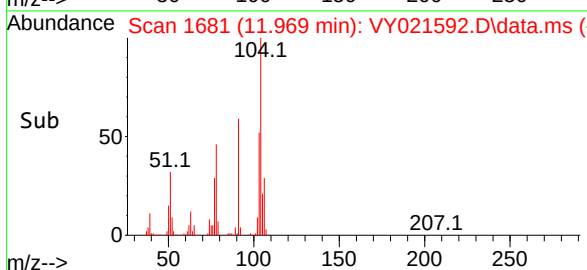
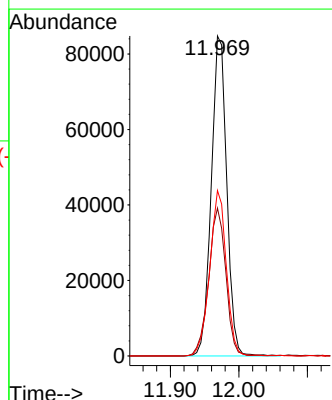
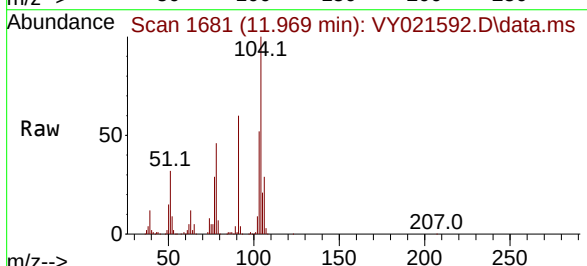
Tgt Ion:104 Resp: 132987

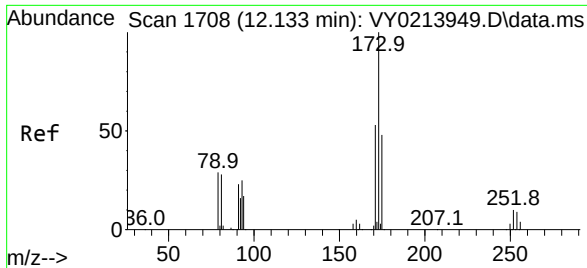
Ion Ratio Lower Upper

104 100

78 51.0 40.7 61.1

103 55.7 44.1 66.1

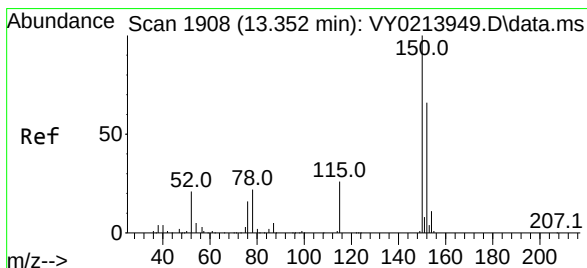
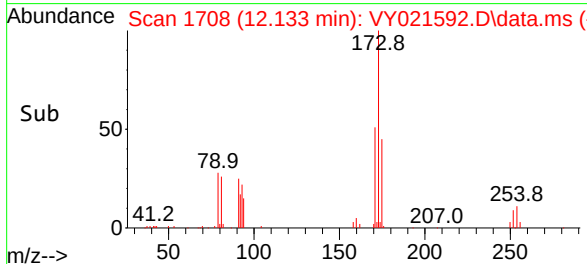
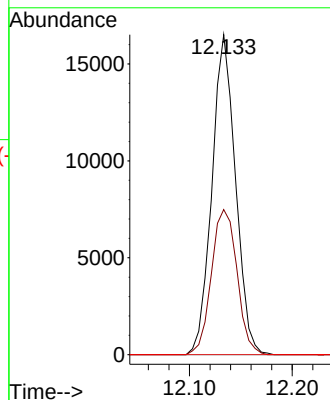
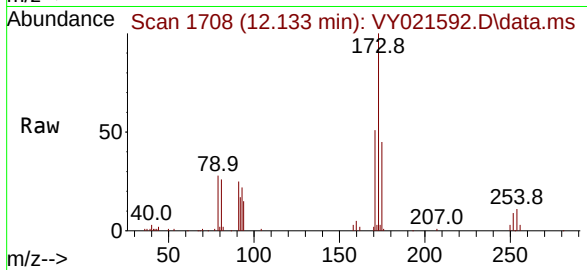




#71
Bromoform
Concen: 20.878 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

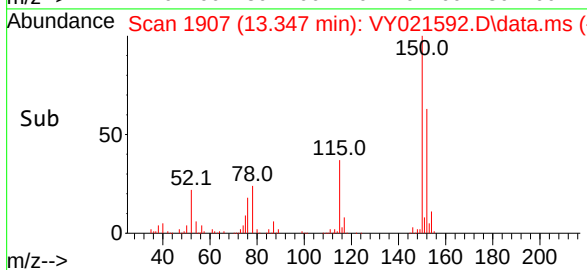
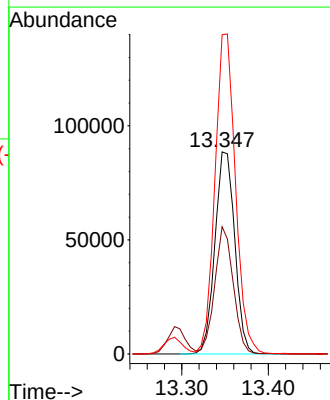
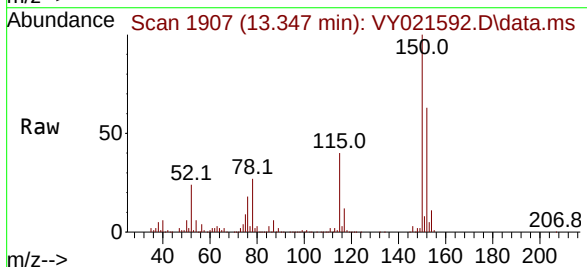
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

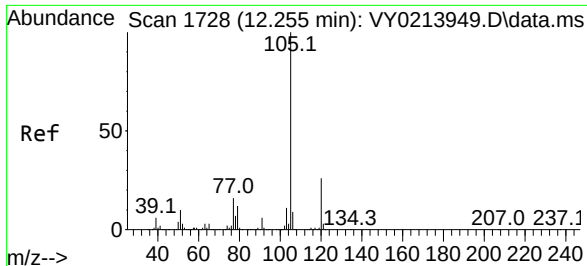
Tgt Ion:173 Resp: 26283
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion:152 Resp: 140981
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.0
150 163.6 0.0 347.2

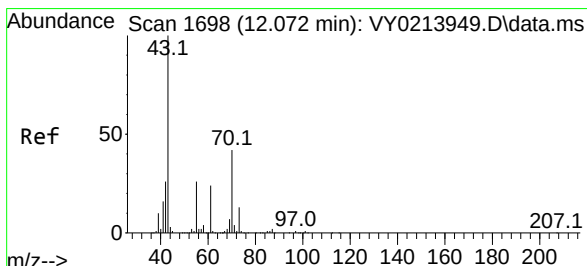
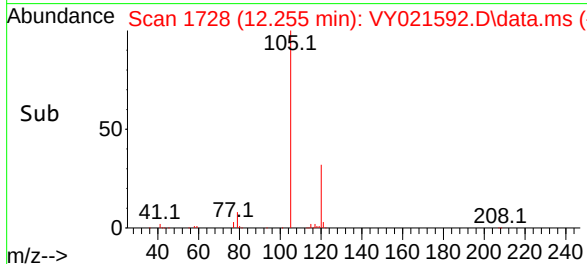
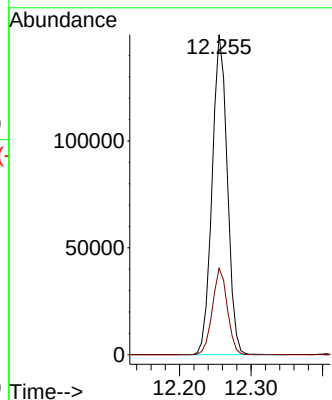
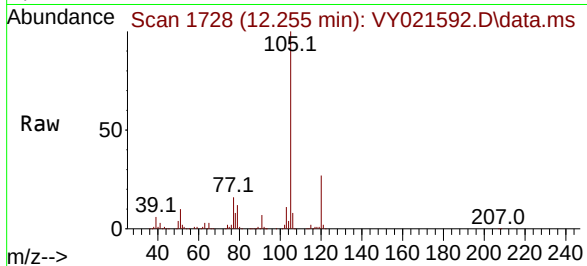




#73
Isopropylbenzene
Concen: 19.890 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

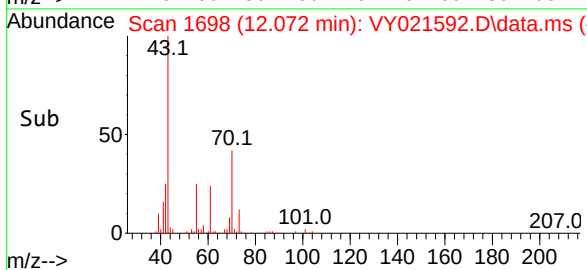
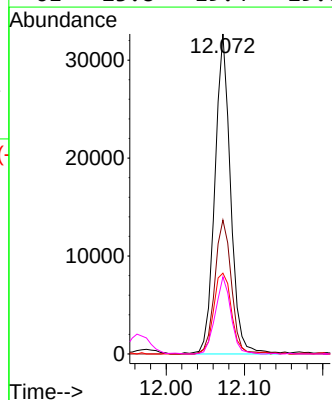
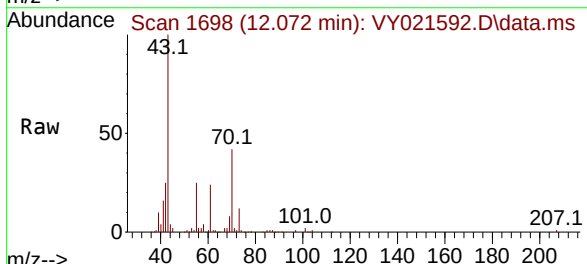
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

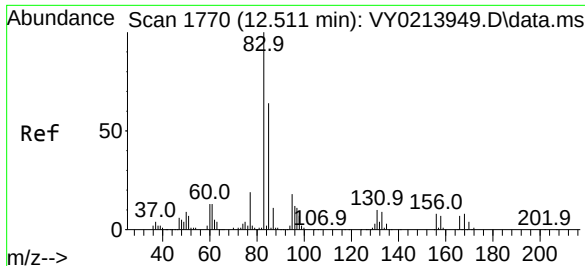
Tgt Ion:105 Resp: 220889
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 18.920 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 43 Resp: 45631
Ion Ratio Lower Upper
43 100
70 44.2 34.6 51.8
55 28.6 21.1 31.7
61 23.8 19.4 29.0

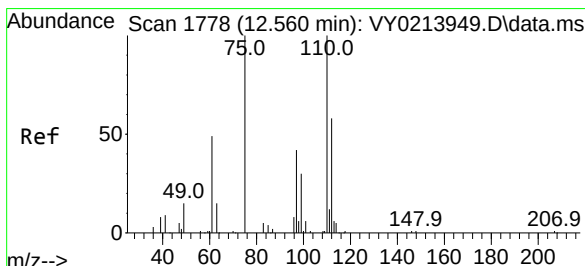
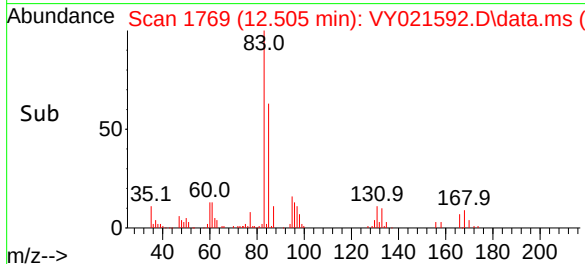
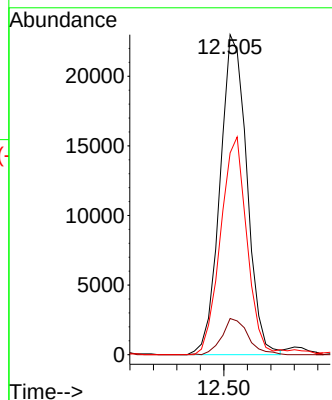
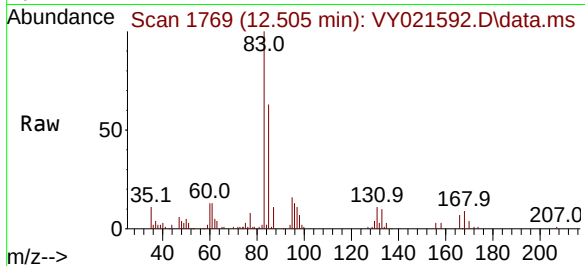




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.612 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

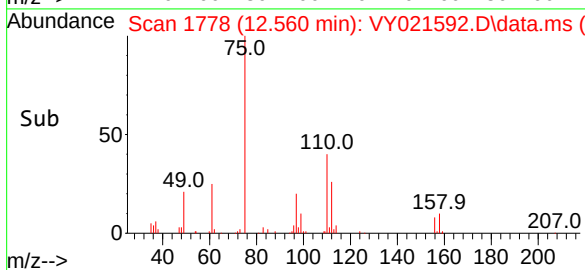
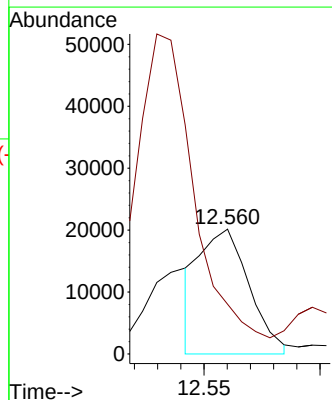
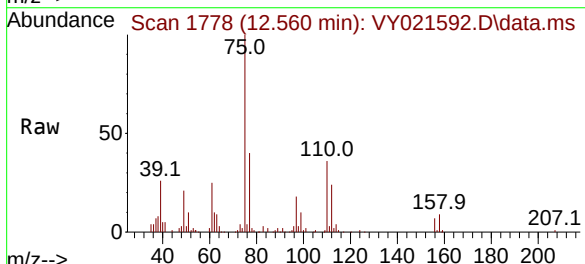
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

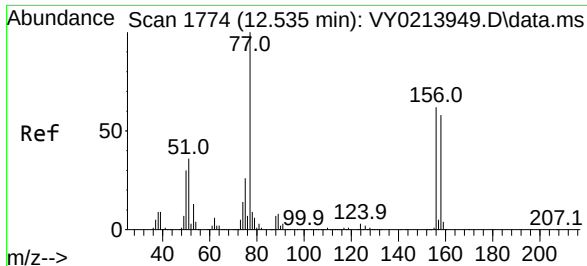
Tgt Ion: 83 Resp: 36475
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.3 16.1
 85 68.2 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 21.198 ug/l m
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion: 75 Resp: 30115
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

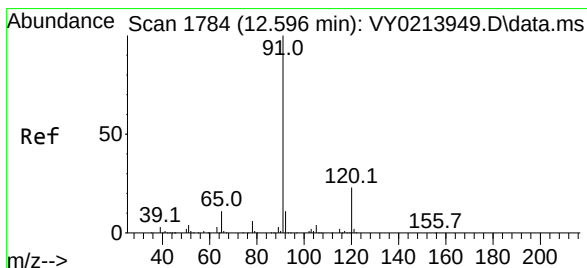
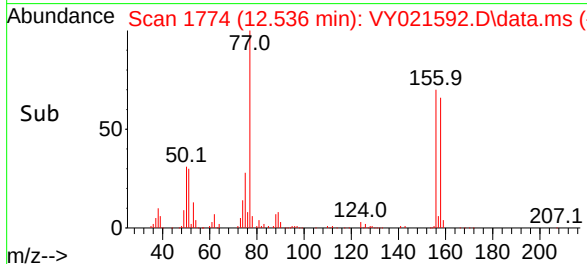
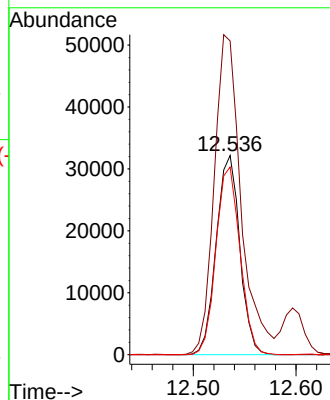
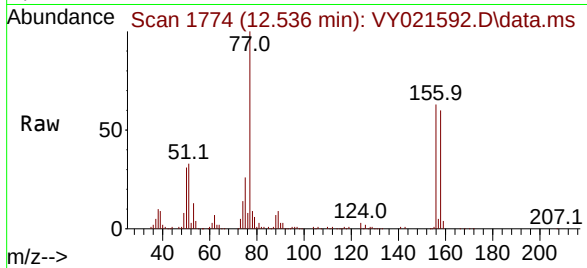




#77
Bromobenzene
Concen: 19.707 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

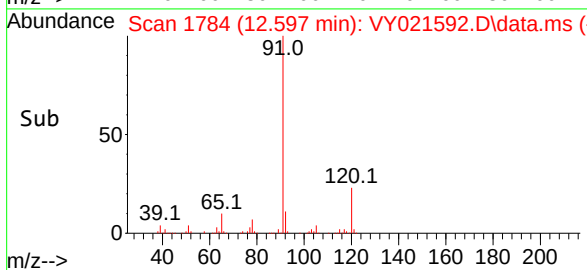
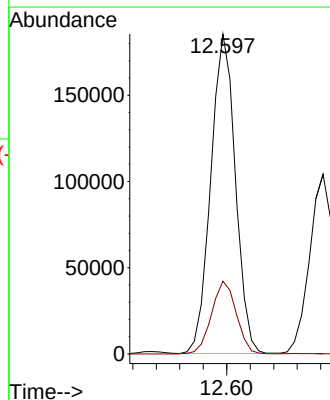
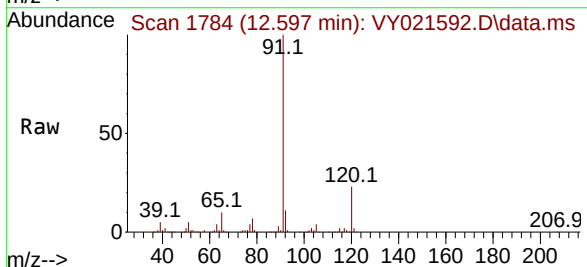
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

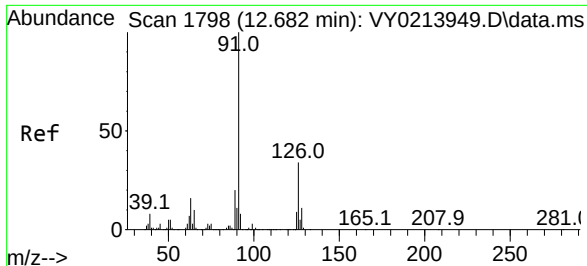
Tgt Ion:156 Resp: 51202
Ion Ratio Lower Upper
156 100
77 183.1 93.6 280.8
158 96.3 48.3 144.8



#78
n-propylbenzene
Concen: 19.970 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 91 Resp: 269335
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.927 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

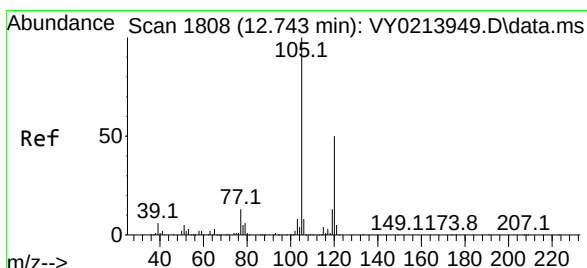
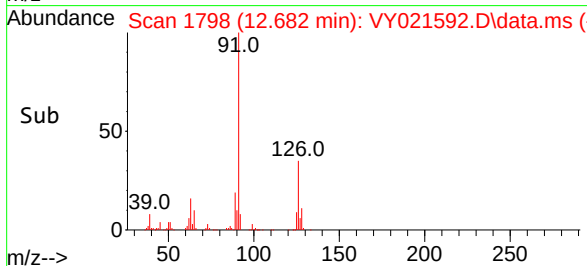
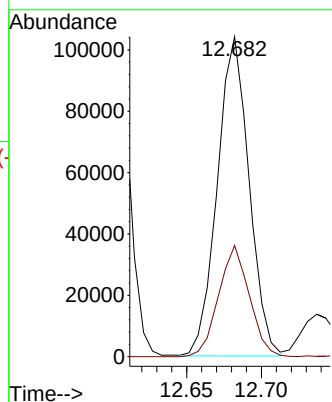
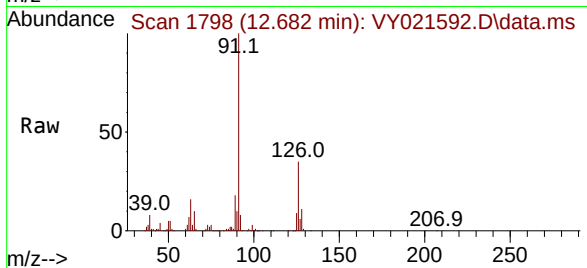
VY0321SBS01

Tgt Ion: 91 Resp: 153673

Ion Ratio Lower Upper

91 100

126 33.7 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 20.268 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021592.D

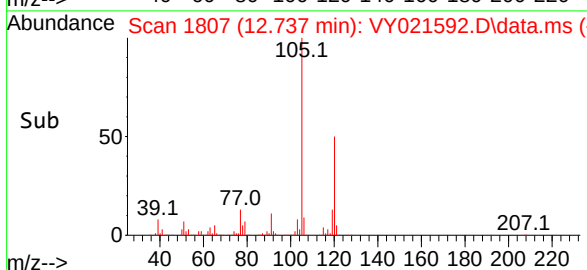
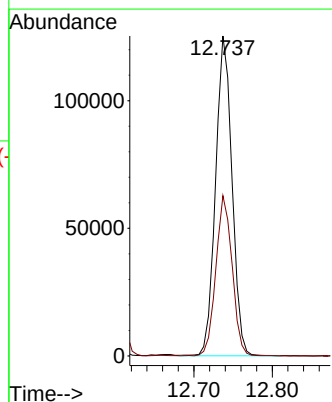
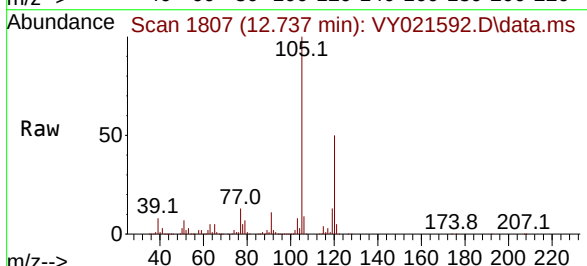
Acq: 21 Mar 2025 12:19

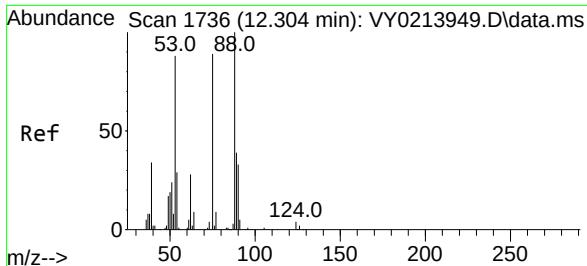
Tgt Ion: 105 Resp: 182918

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.6

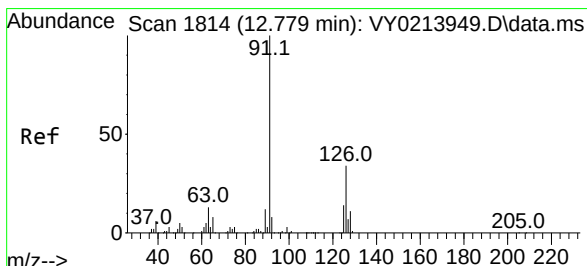
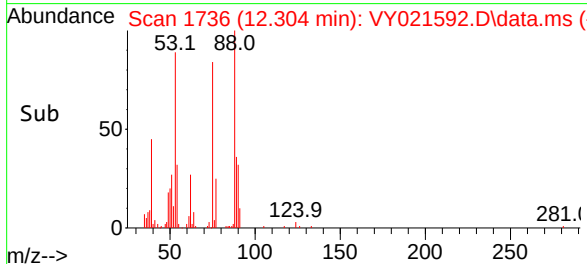
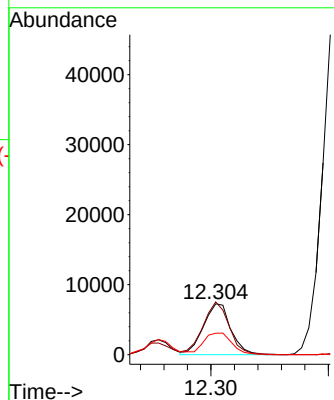
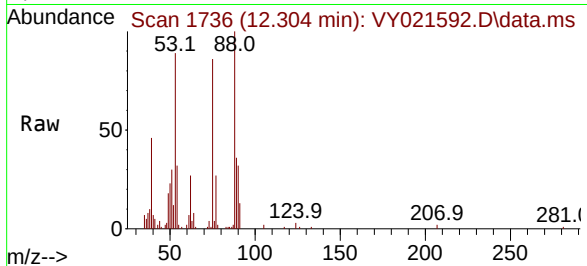




#81
trans-1,4-Dichloro-2-butene
Concen: 18.910 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

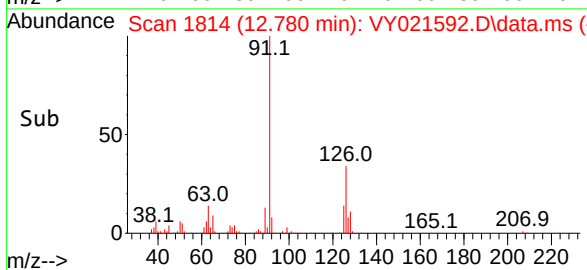
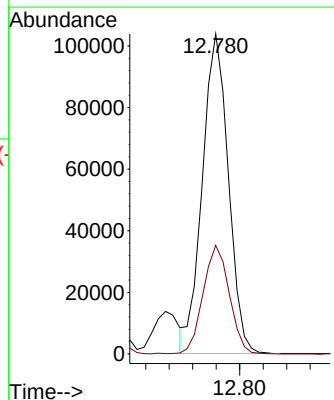
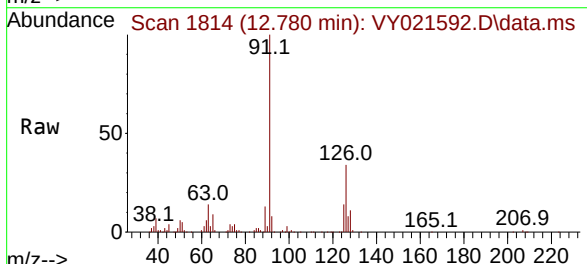
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

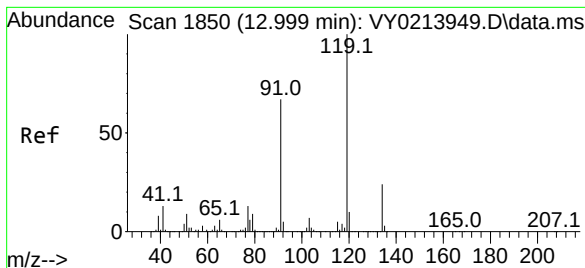
Tgt Ion: 75 Resp: 11817
Ion Ratio Lower Upper
75 100
53 98.4 81.0 121.4
89 42.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 19.983 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion: 91 Resp: 159581
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0

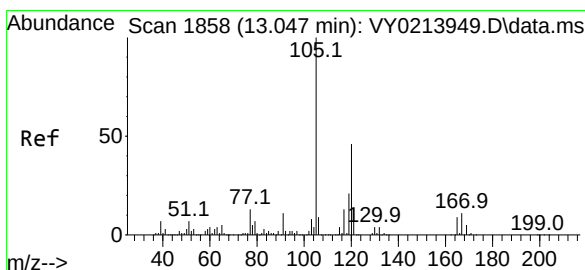
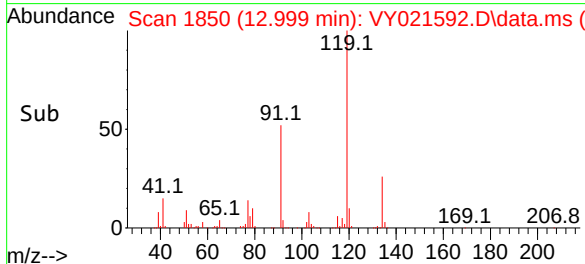
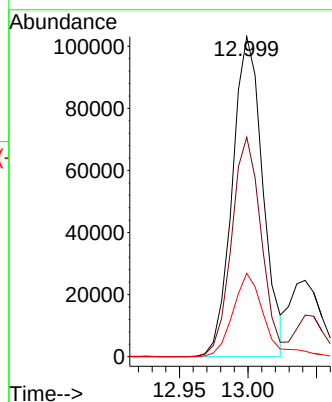
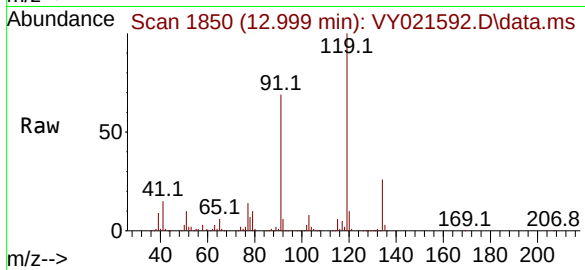




#83
 tert-Butylbenzene
 Concen: 19.854 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

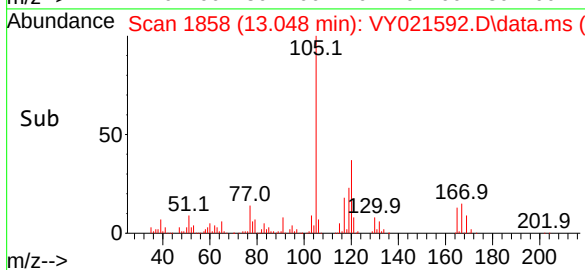
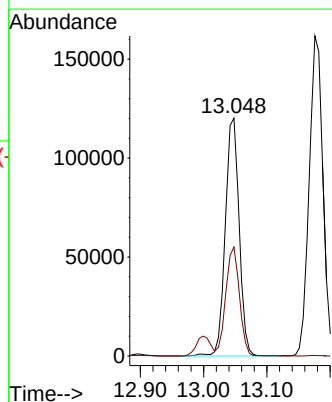
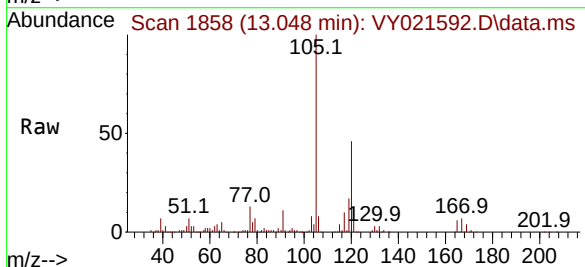
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

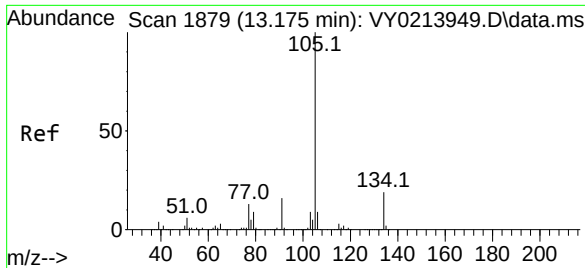
Tgt Ion:	119	Resp:	159846
Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.2	99.6
134	26.8	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.376 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion:	105	Resp:	182584
Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.1

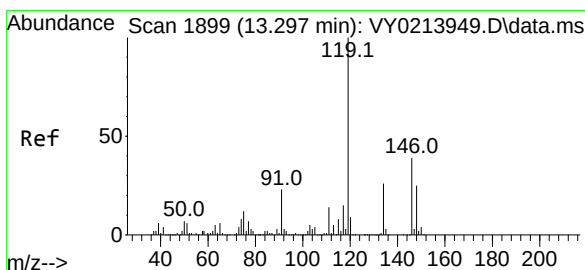
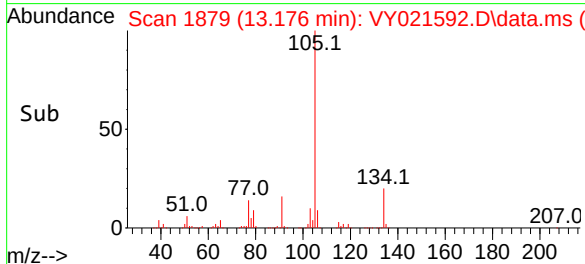
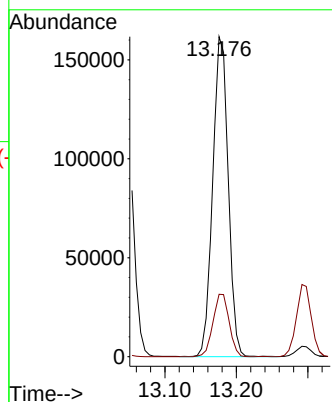
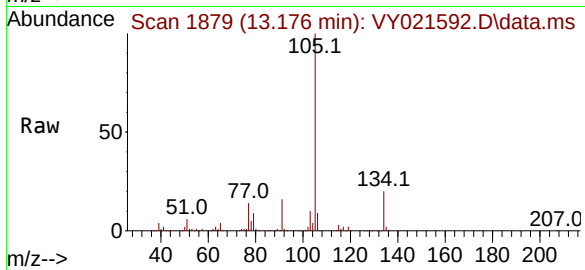




#85
 sec-Butylbenzene
 Concen: 20.313 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

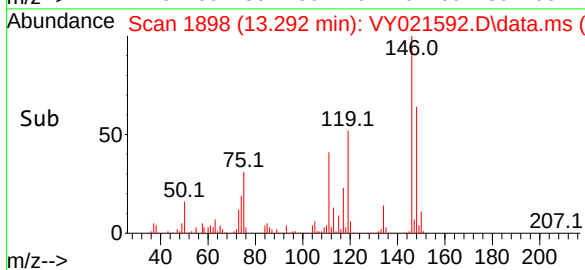
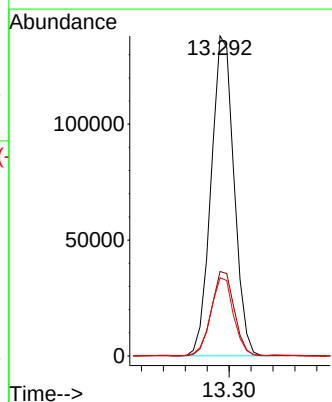
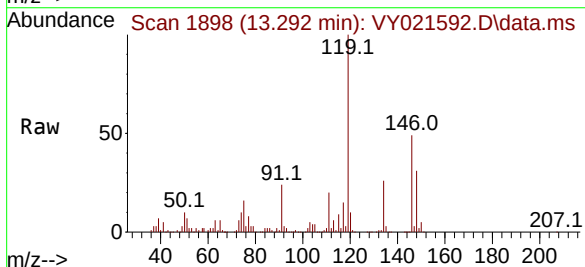
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

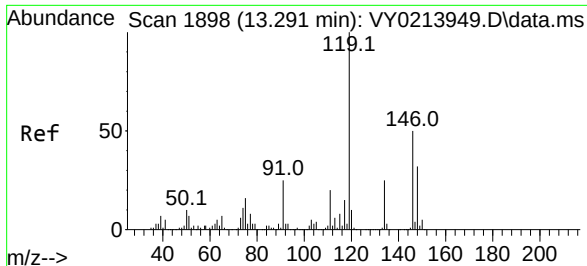
Tgt Ion:105 Resp: 243328
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.268 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion:119 Resp: 200016
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 24.4 12.2 36.6

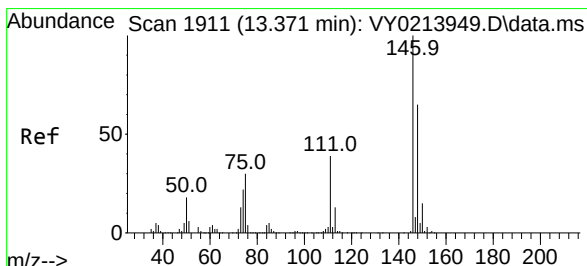
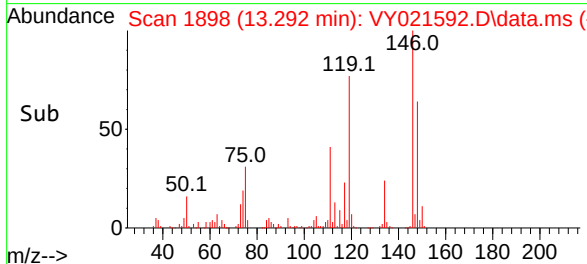
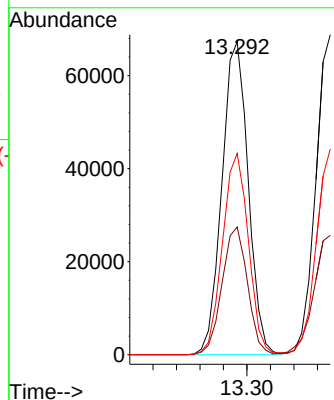
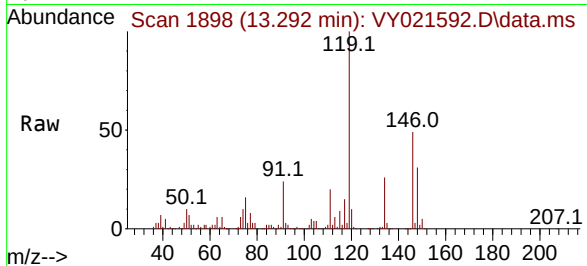




#87
 1,3-Dichlorobenzene
 Concen: 20.194 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

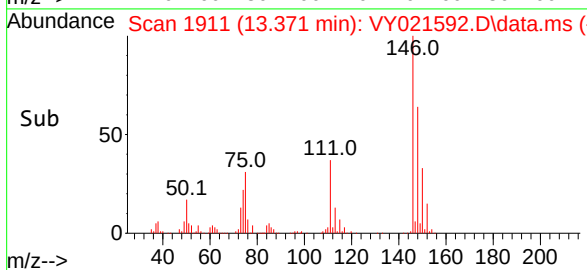
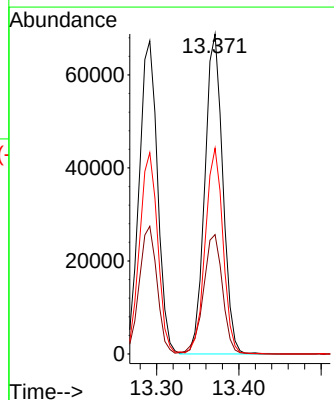
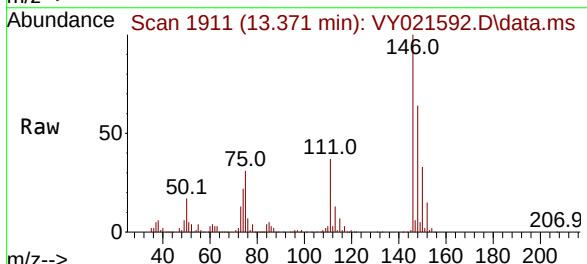
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

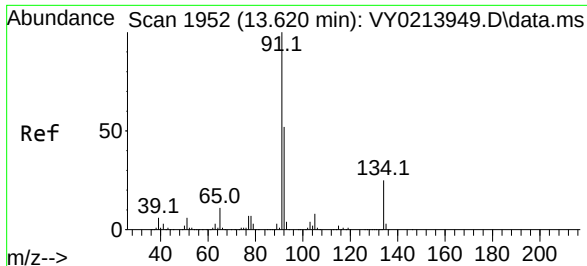
Tgt Ion:146 Resp: 104435
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 60.0
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.599 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion:146 Resp: 104188
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.8
 148 63.6 32.3 96.8





#89

n-Butylbenzene

Concen: 20.317 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021592.D

Acq: 21 Mar 2025 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

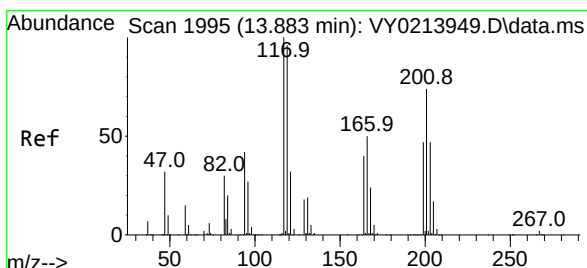
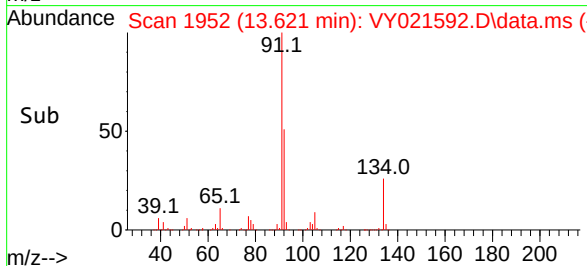
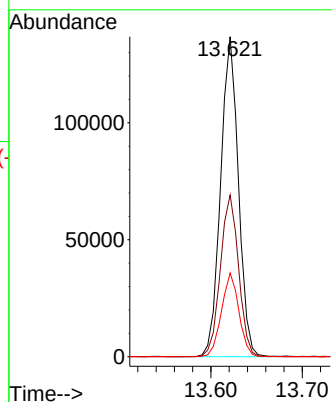
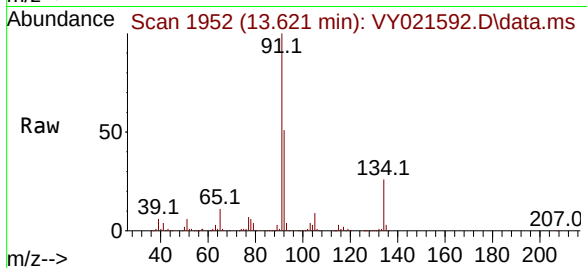
Tgt Ion: 91 Resp: 185147

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.3

134 25.6 12.6 37.8



#90

Hexachloroethane

Concen: 20.871 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021592.D

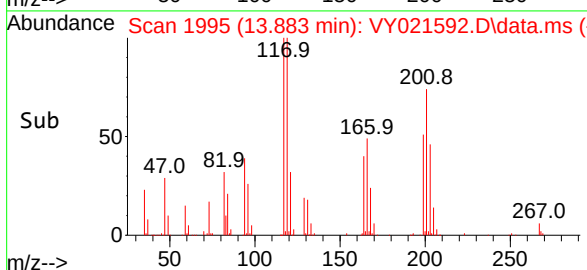
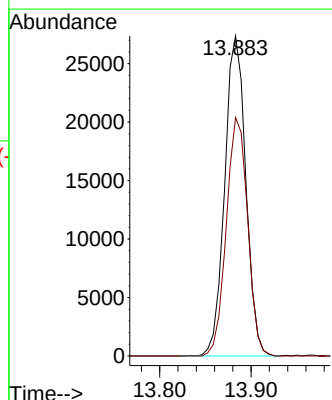
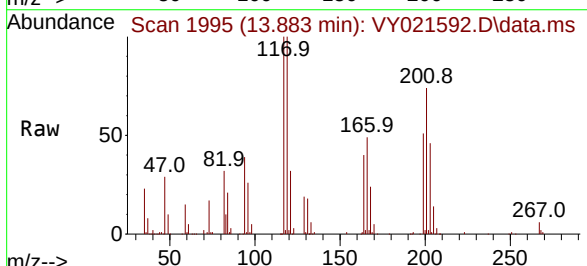
Acq: 21 Mar 2025 12:19

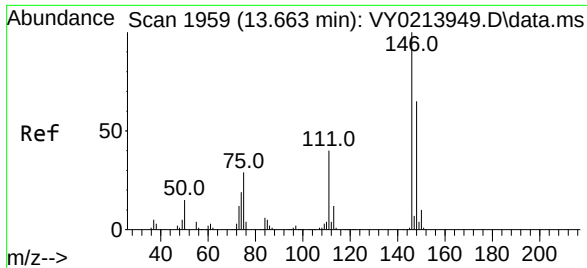
Tgt Ion: 117 Resp: 43941

Ion Ratio Lower Upper

117 100

201 75.1 37.4 112.2

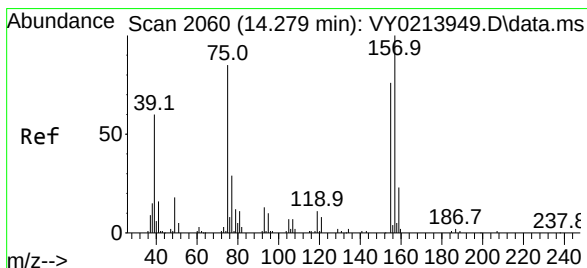
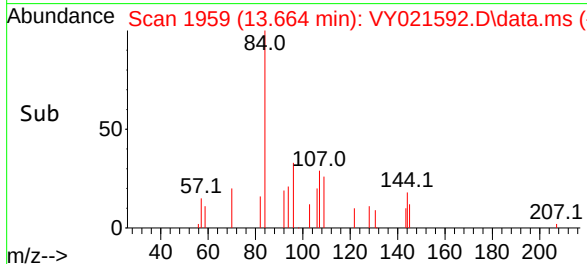
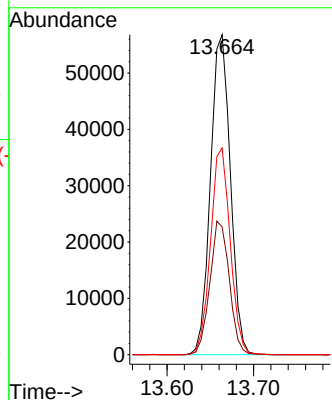
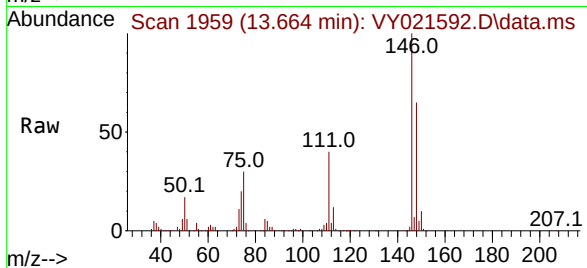




#91
 1,2-Dichlorobenzene
 Concen: 20.452 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

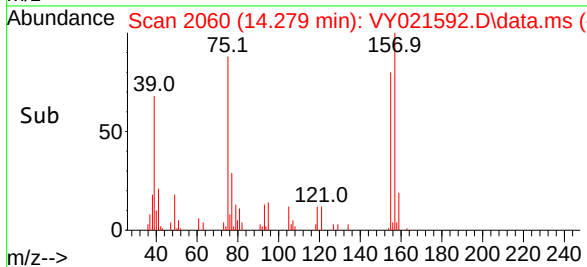
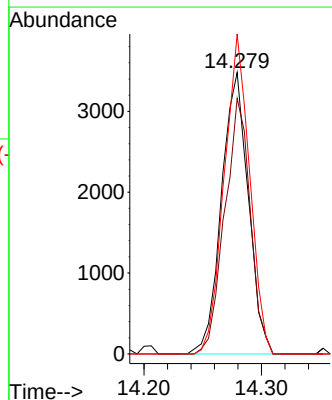
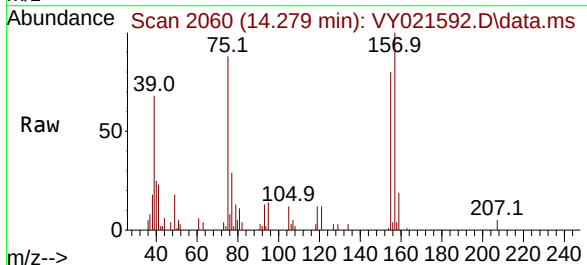
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

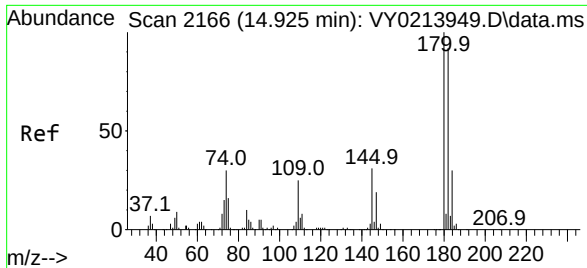
Tgt Ion:146 Resp: 90654
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.7 62.1
 148 63.9 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.814 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion: 75 Resp: 5523
 Ion Ratio Lower Upper
 75 100
 155 86.4 43.5 130.5
 157 107.7 54.4 163.2

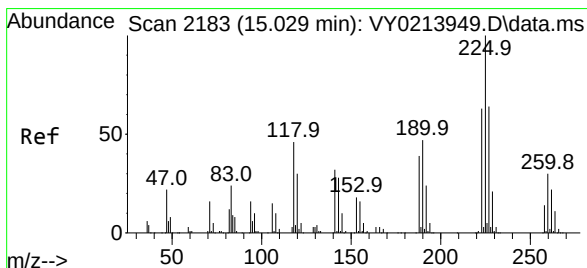
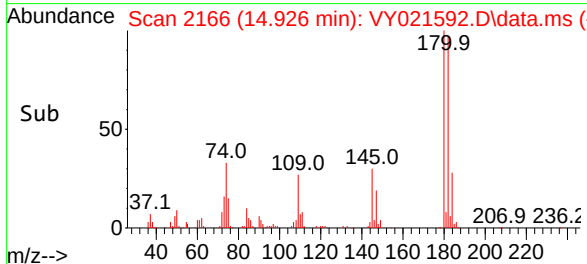
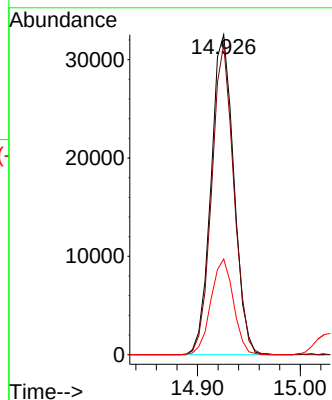
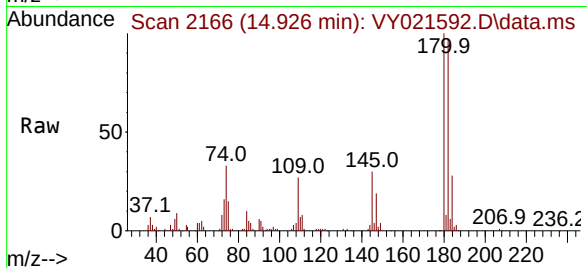




#93
 1,2,4-Trichlorobenzene
 Concen: 20.720 ug/l
 RT: 14.926 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

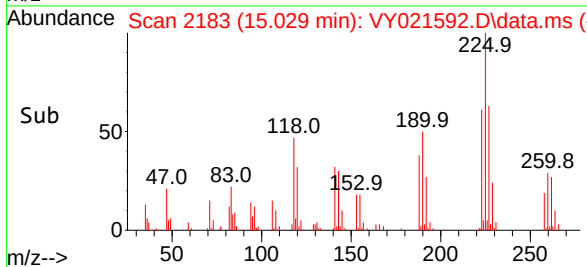
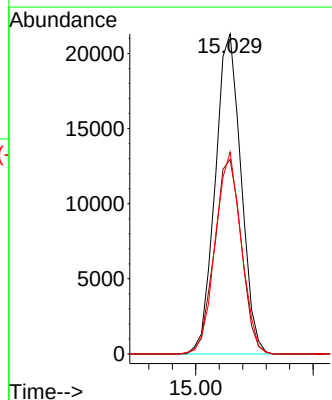
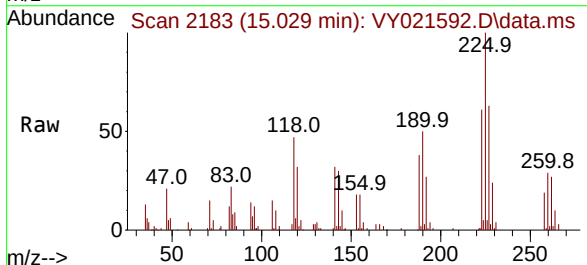
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

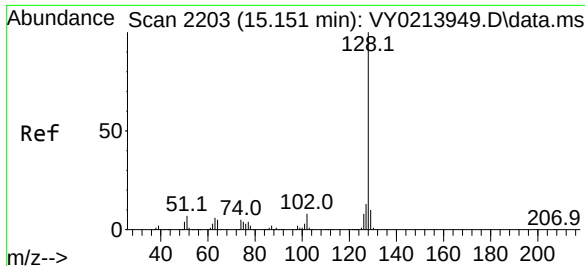
Tgt Ion:180 Resp: 50165
 Ion Ratio Lower Upper
 180 100
 182 93.8 46.7 140.0
 145 29.5 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 21.440 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY021592.D
 Acq: 21 Mar 2025 12:19

Tgt Ion:225 Resp: 32538
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.4 94.2
 227 63.4 31.8 95.4

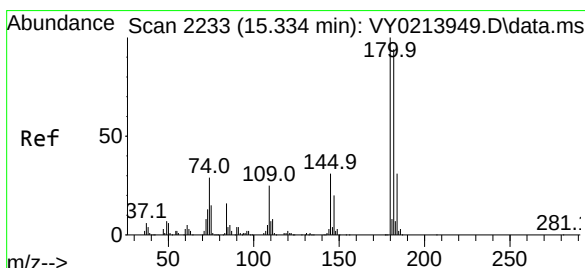
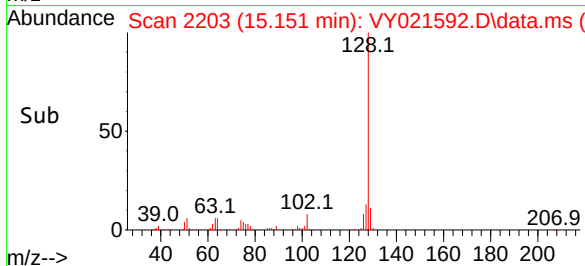
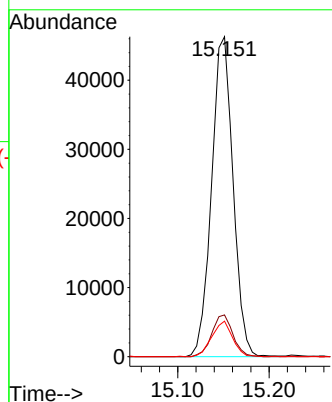
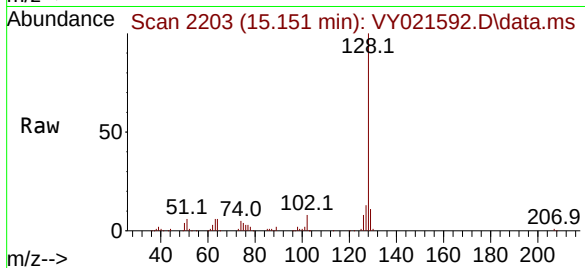




#95
Naphthalene
Concen: 20.500 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion:128 Resp: 75655
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.556 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021592.D
Acq: 21 Mar 2025 12:19

Tgt Ion:180 Resp: 41857
Ion Ratio Lower Upper
180 100
182 95.3 47.2 141.6
145 33.1 16.4 49.1

