

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022993.D
 Acq On : 18 Jul 2025 12:04
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 19 01:32:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:28:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	501817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	789191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	664286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	311329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	239014	47.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.100%
35) Dibromofluoromethane	7.634	113	238242	47.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.180%
50) Toluene-d8	10.103	98	950656	47.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.401	95	291196	46.597	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	184397	43.276	ug/l	100
3) Chloromethane	2.068	50	310189	42.813	ug/l	100
4) Vinyl Chloride	2.202	62	413768	45.077	ug/l	100
5) Bromomethane	2.592	94	278011	41.966	ug/l	100
6) Chloroethane	2.732	64	279256	45.553	ug/l	100
7) Trichlorofluoromethane	3.049	101	488462	45.842	ug/l	100
8) Diethyl Ether	3.452	74	124617	44.685	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	252620	45.131	ug/l	100
10) Methyl Iodide	4.001	142	285736	49.138	ug/l	100
11) Tert butyl alcohol	4.854	59	73810	238.938	ug/l	100
12) 1,1-Dichloroethene	3.787	96	239058	44.832	ug/l	100
13) Acrolein	3.653	56	18455	132.538	ug/l	100
14) Allyl chloride	4.378	41	371772	45.764	ug/l	100
15) Acrylonitrile	5.055	53	247093	233.921	ug/l	100
16) Acetone	3.866	43	194159	210.847	ug/l	100
17) Carbon Disulfide	4.104	76	721811	44.664	ug/l	100
18) Methyl Acetate	4.385	43	162254	52.045	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	597847	46.744	ug/l	100
20) Methylene Chloride	4.610	84	304504	46.415	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	267267	45.028	ug/l	100
22) Diisopropyl ether	6.018	45	800264	46.434	ug/l	100
23) Vinyl Acetate	5.957	43	2025238	233.221	ug/l	100
24) 1,1-Dichloroethane	5.915	63	494896	45.718	ug/l	100
25) 2-Butanone	6.890	43	309076	233.963	ug/l	100
26) 2,2-Dichloropropane	6.884	77	430578	45.386	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	316409	46.253	ug/l	100
28) Bromochloromethane	7.244	49	199840	47.598	ug/l	100
29) Tetrahydrofuran	7.262	42	204304	244.270	ug/l	100
30) Chloroform	7.421	83	497058	45.518	ug/l	100
31) Cyclohexane	7.701	56	441500	43.650	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	453173	45.738	ug/l	100
36) 1,1-Dichloropropene	7.835	75	372166	47.196	ug/l	100
37) Ethyl Acetate	6.982	43	138948	47.445	ug/l	100
38) Carbon Tetrachloride	7.817	117	400589	46.760	ug/l	100
39) Methylcyclohexane	9.109	83	482312	47.256	ug/l	100
40) Benzene	8.079	78	1113790	46.911	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	78701	50.913	ug/l	100
42) 1,2-Dichloroethane	8.158	62	282749	47.867	ug/l	100
43) Isopropyl Acetate	8.195	43	288097	49.524	ug/l	100
44) Trichloroethene	8.866	130	288157	47.253	ug/l	100
45) 1,2-Dichloropropane	9.140	63	258018	46.536	ug/l	100
46) Dibromomethane	9.231	93	137104	47.840	ug/l	100
47) Bromodichloromethane	9.420	83	373011	47.086	ug/l	100
48) Methyl methacrylate	9.219	41	141851	50.507	ug/l	100
49) 1,4-Dioxane	9.225	88	30004	993.216	ug/l	100
51) 4-Methyl-2-Pentanone	9.993	43	754317	255.467	ug/l	100
52) Toluene	10.170	92	703655	47.669	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	326909	48.074	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	388343	47.380	ug/l	100
55) 1,1,2-Trichloroethane	10.566	97	179703	47.708	ug/l	100
56) Ethyl methacrylate	10.438	69	237585	50.527	ug/l	100
57) 1,3-Dichloropropane	10.713	76	309762	47.605	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	618691	268.792	ug/l	100
59) 2-Hexanone	10.755	43	499848	257.540	ug/l	100
60) Dibromochloromethane	10.908	129	239431	48.542	ug/l	100
61) 1,2-Dibromoethane	11.011	107	165428	48.362	ug/l	100
64) Tetrachloroethene	10.646	164	340698	50.177	ug/l	100
65) Chlorobenzene	11.438	112	739951	47.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	249587	46.683	ug/l	100
67) Ethyl Benzene	11.517	91	1333383	47.990	ug/l	100
68) m/p-Xylenes	11.627	106	1025693	96.245	ug/l	100
69) o-Xylene	11.950	106	473669	47.893	ug/l	100
70) Styrene	11.969	104	788910	48.697	ug/l	100
71) Bromoform	12.127	173	128589	47.377	ug/l	100
73) Isopropylbenzene	12.249	105	1261366	47.788	ug/l	100
74) N-amyl acetate	12.066	43	247232	49.681	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.499	83	174373	45.650	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	261721	66.795	ug/l #	100
77) Bromobenzene	12.529	156	270964	47.332	ug/l	100
78) n-propylbenzene	12.590	91	1513613	48.154	ug/l	100
79) 2-Chlorotoluene	12.676	91	834869	47.226	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	999303	48.002	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	62367	47.883	ug/l	100
82) 4-Chlorotoluene	12.773	91	849887	47.667	ug/l	100
83) tert-Butylbenzene	12.993	119	911526	48.474	ug/l	100
84) 1,2,4-Trimethylbenzene	13.035	105	987090	48.169	ug/l	100
85) sec-Butylbenzene	13.170	105	1351665	47.965	ug/l	100
86) p-Isopropyltoluene	13.285	119	1110110	48.505	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	544923	47.167	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	525144	46.985	ug/l	100
89) n-Butylbenzene	13.615	91	1021282	48.359	ug/l	100
90) Hexachloroethane	13.877	117	221864	46.822	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	460252	47.229	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	28006	49.379	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	247288	48.140	ug/l	100
94) Hexachlorobutadiene	15.017	225	147284	45.479	ug/l	100
95) Naphthalene	15.139	128	429845	52.172	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	208782	49.224	ug/l	100

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QLast Update : Sat Jul 19 01:28:30 2025
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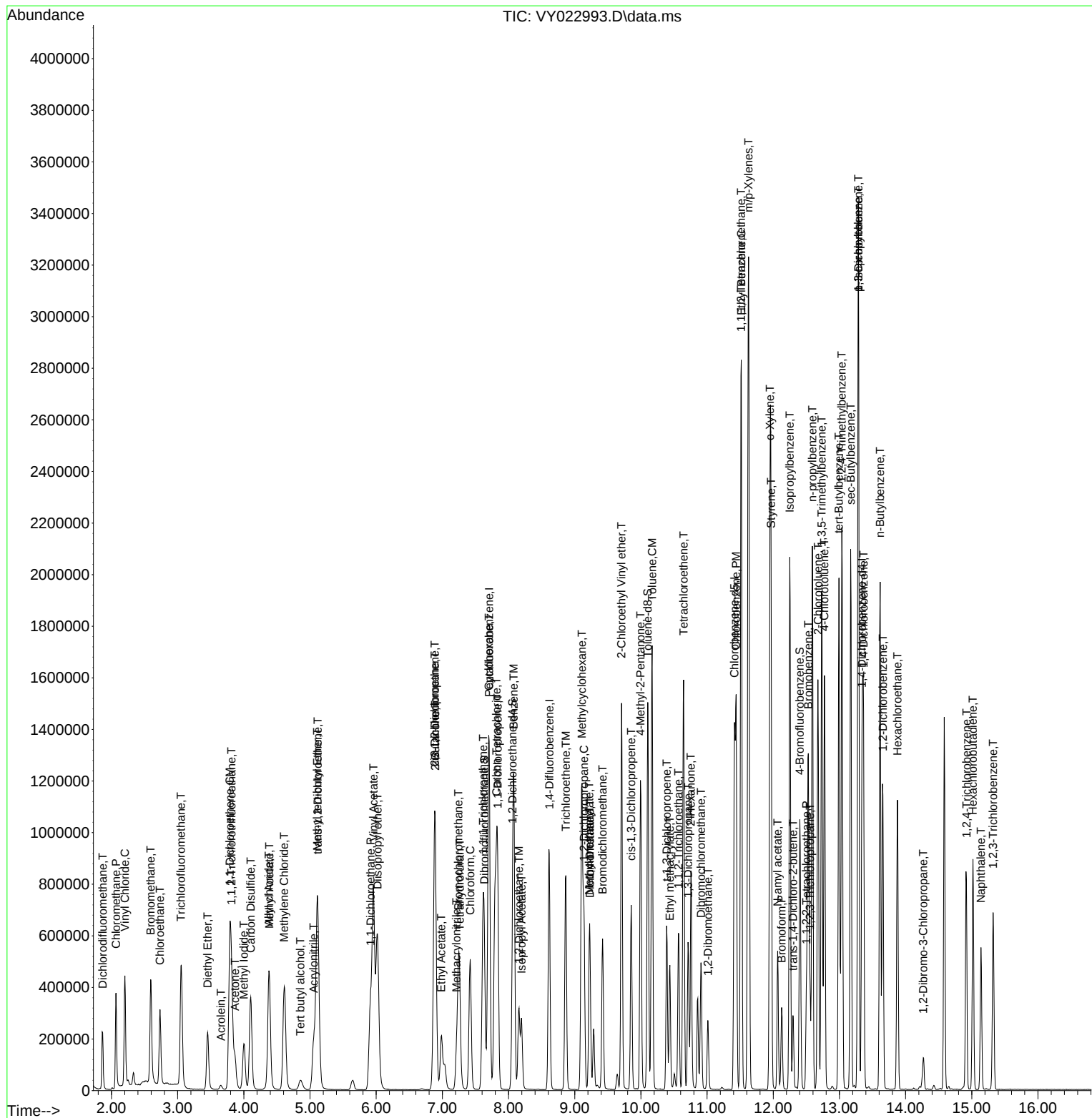
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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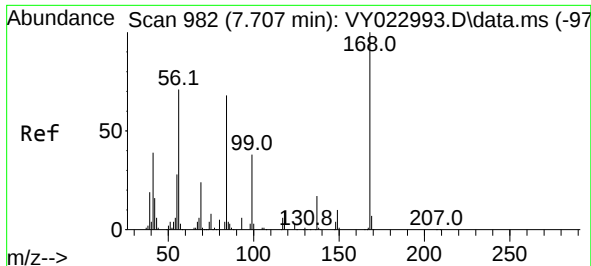
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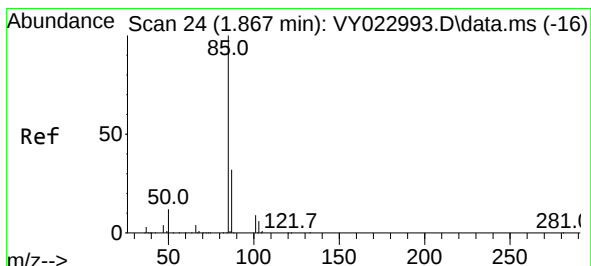
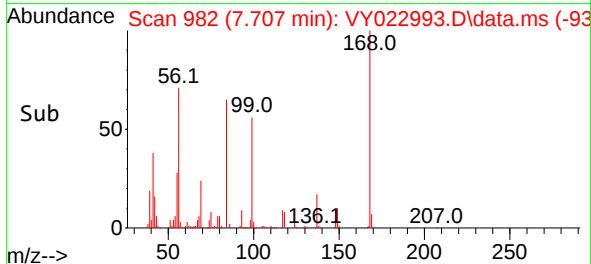
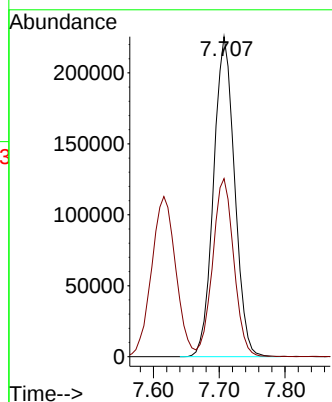
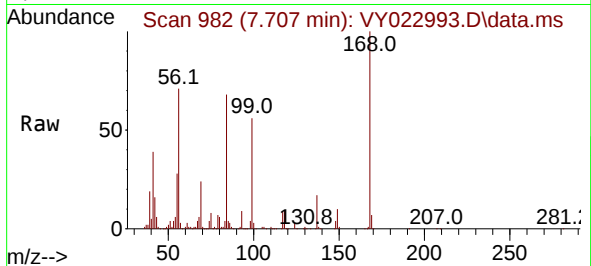




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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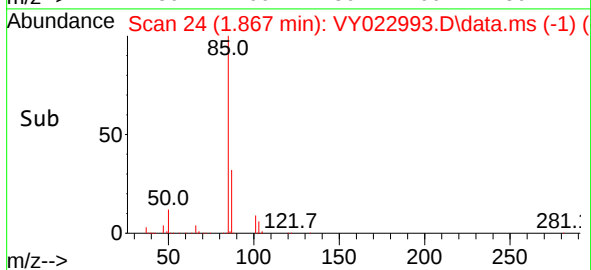
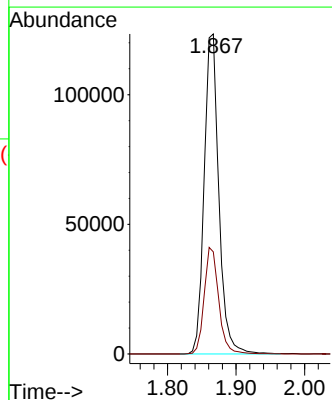
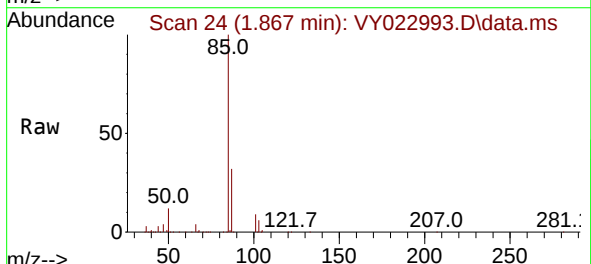
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

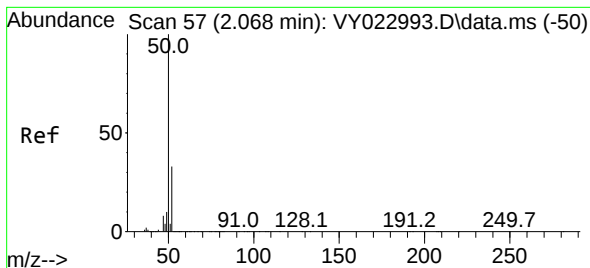
Tgt Ion:168 Resp: 501817
Ion Ratio Lower Upper
168 100
99 55.5 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 43.276 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 85 Resp: 184397
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9





#3

Chloromethane

Concen: 42.813 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

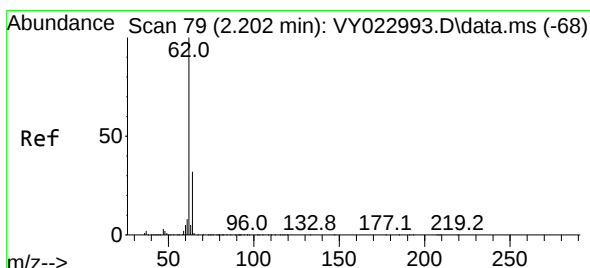
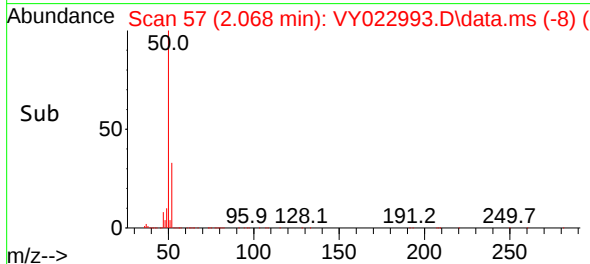
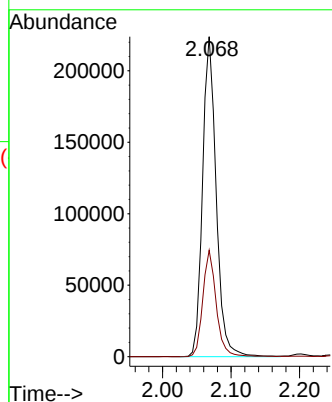
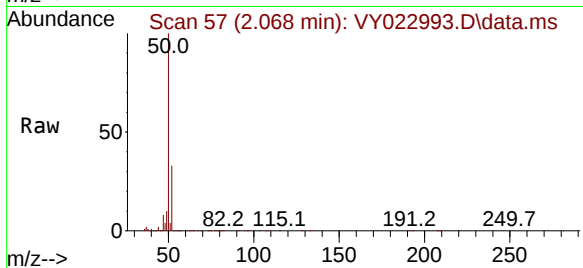
VSTDICCC050

Tgt Ion: 50 Resp: 310189

Ion Ratio Lower Upper

50 100

52 33.2 26.6 39.8



#4

Vinyl Chloride

Concen: 45.077 ug/l

RT: 2.202 min Scan# 79

Delta R.T. 0.000 min

Lab File: VY022993.D

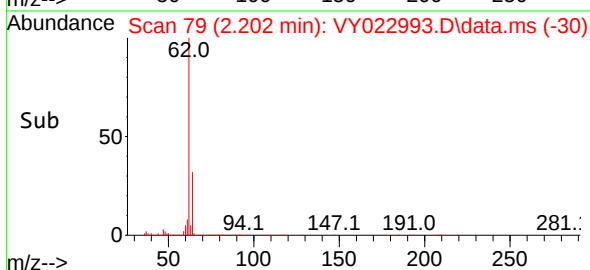
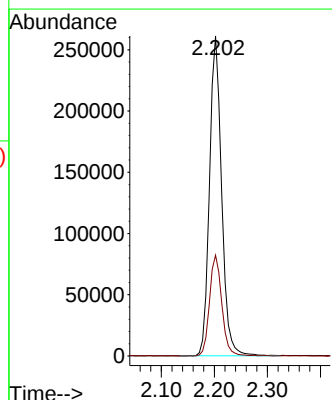
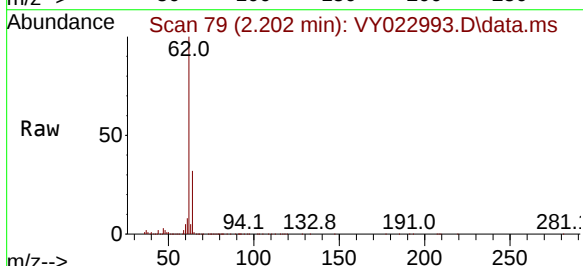
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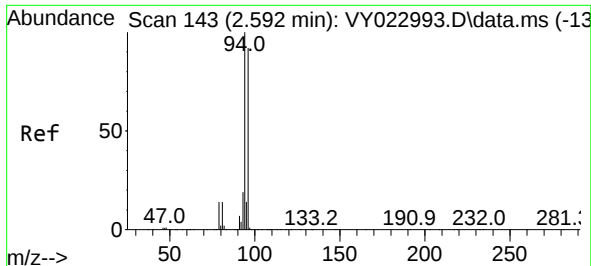
Tgt Ion: 62 Resp: 413768

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8

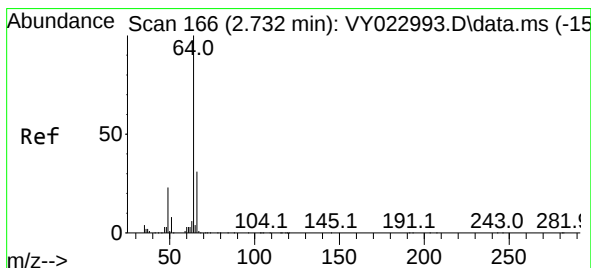
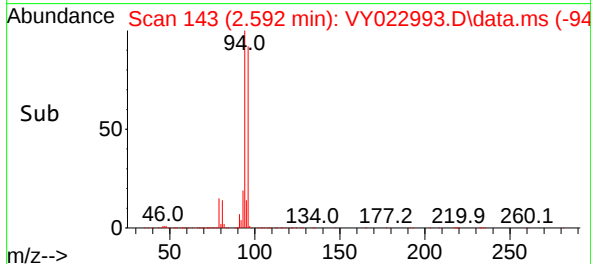
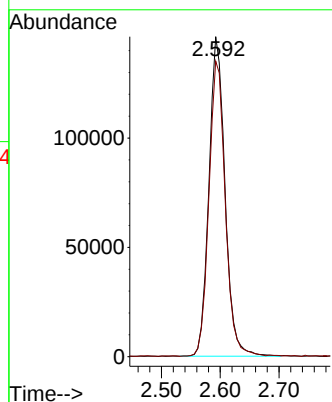
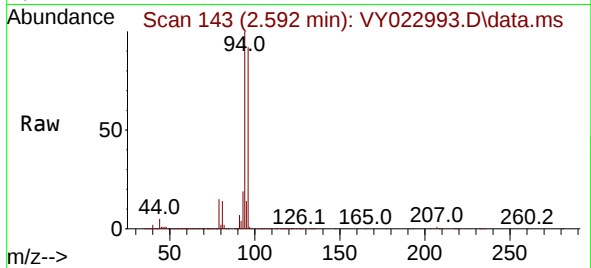




#5
Bromomethane
Concen: 41.966 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022993.D
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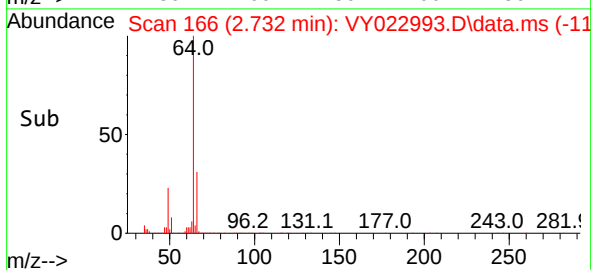
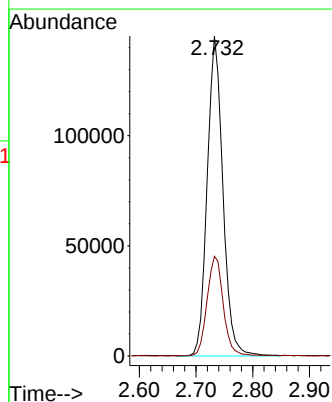
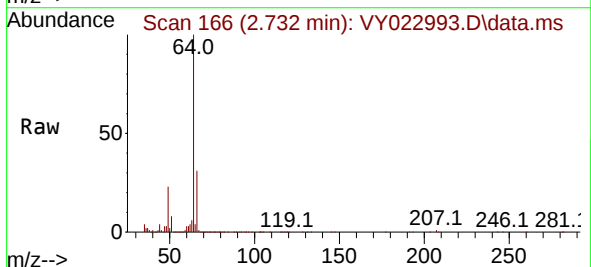
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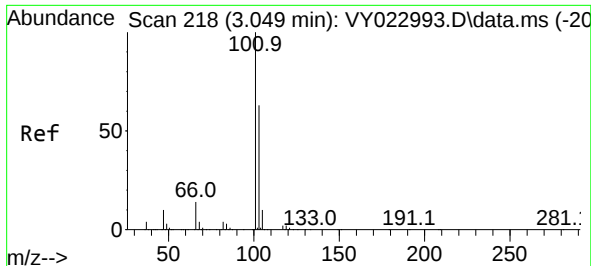
Tgt Ion: 94 Resp: 278011
Ion Ratio Lower Upper
94 100
96 92.4 73.9 110.9



#6
Chloroethane
Concen: 45.553 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 64 Resp: 279256
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3

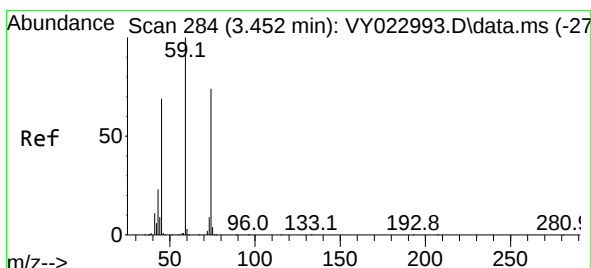
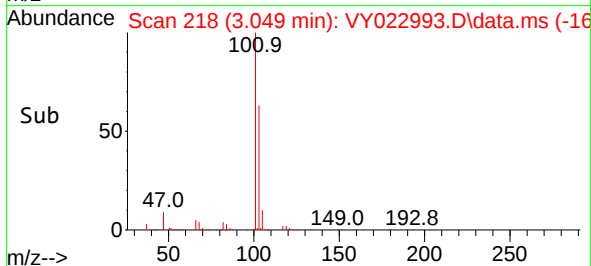
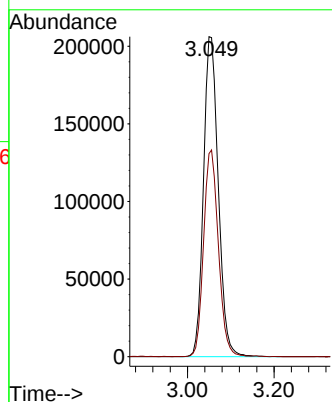
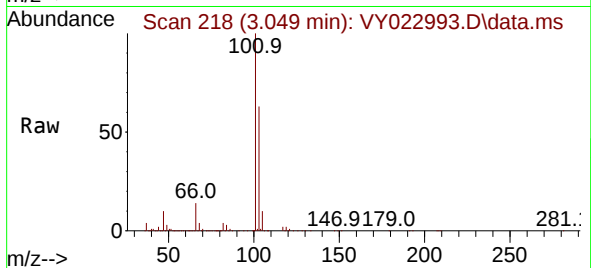




#7
 Trichlorofluoromethane
 Concen: 45.842 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022993.D
 Acq: 18 Jul 2025 12:04

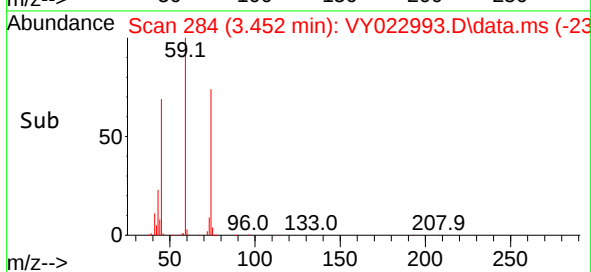
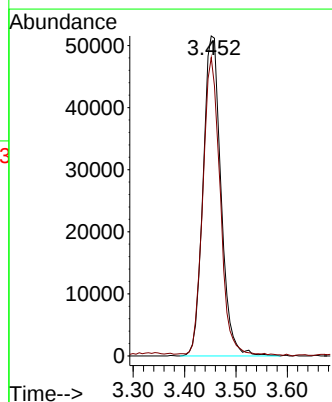
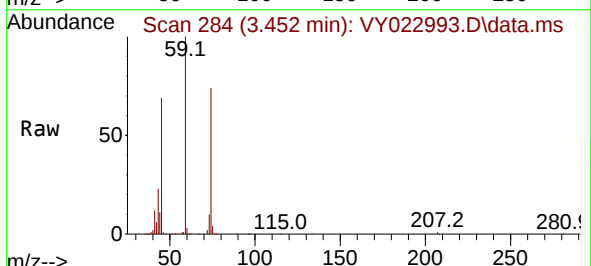
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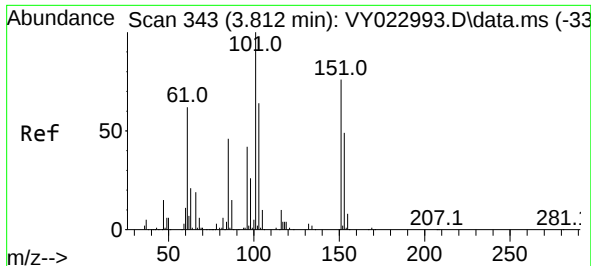
Tgt Ion:101 Resp: 488462
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 44.685 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 124617
 Ion Ratio Lower Upper
 74 100
 45 90.1 45.1 135.2

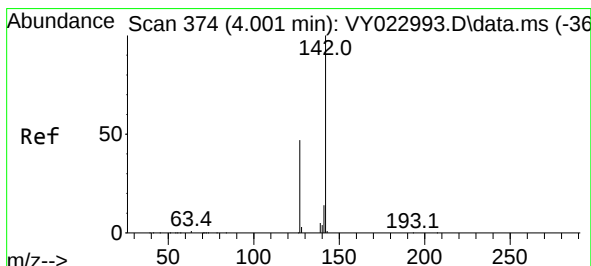
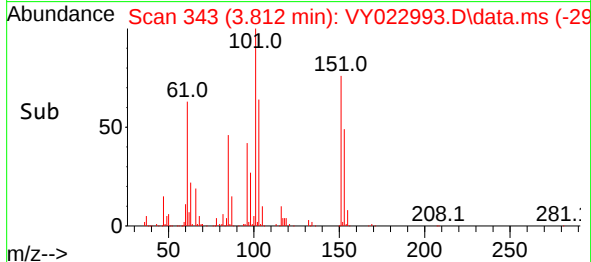
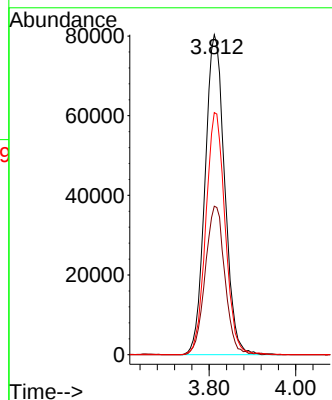
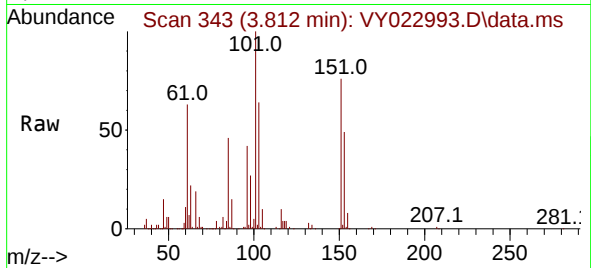




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.131 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

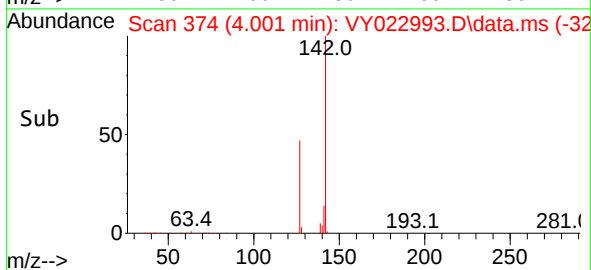
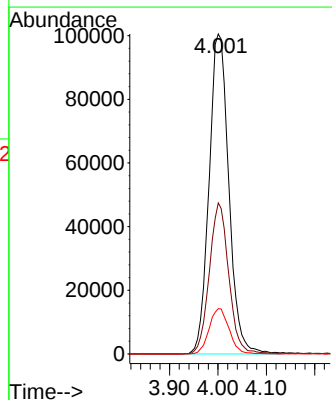
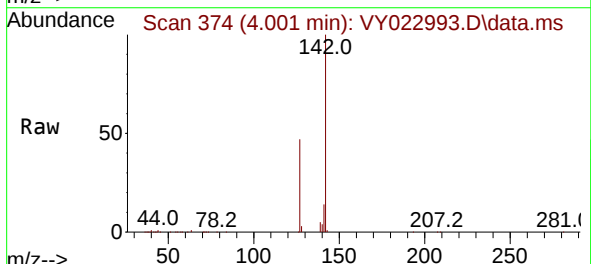
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

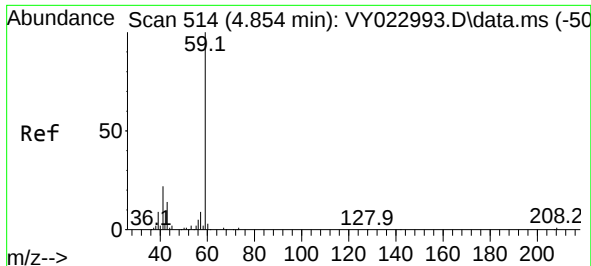
Tgt Ion:101 Resp: 252620
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 74.6 59.7 89.5



#10
Methyl Iodide
Concen: 49.138 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion:142 Resp: 285736
Ion Ratio Lower Upper
142 100
127 46.3 37.0 55.6
141 14.3 11.4 17.2

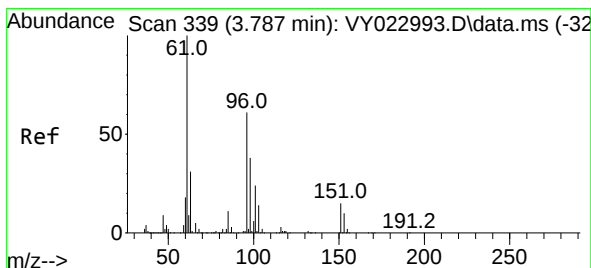
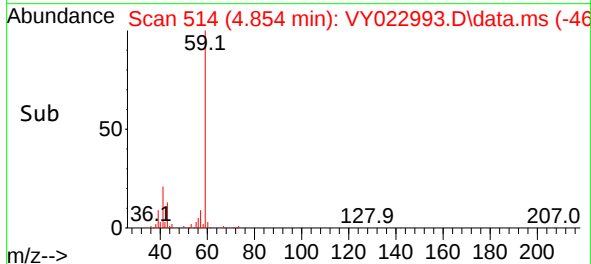
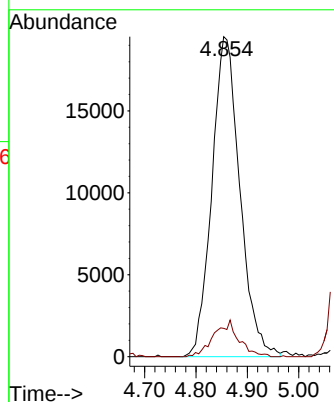
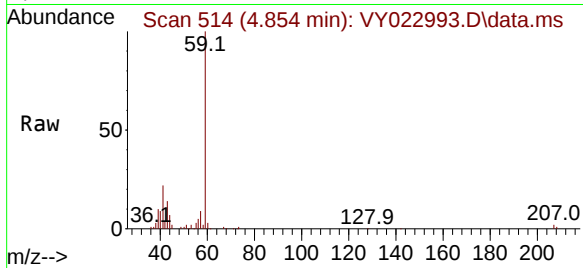




#11
Tert butyl alcohol
Concen: 238.938 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

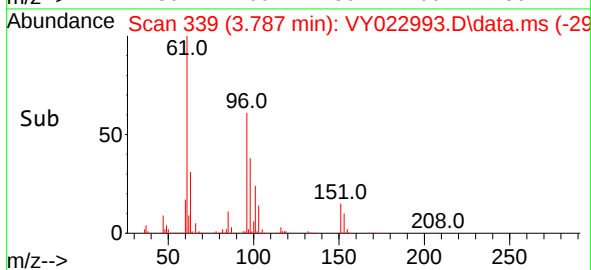
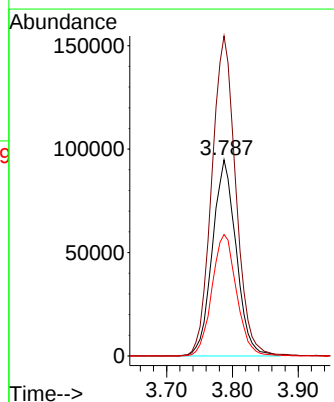
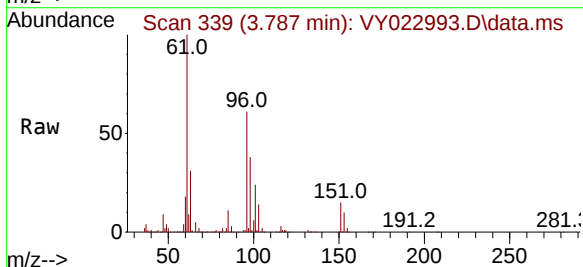
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

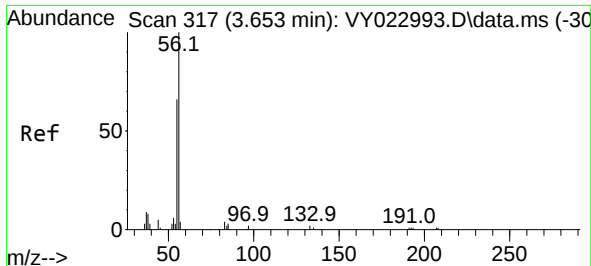
Tgt Ion: 59 Resp: 73810
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.832 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 96 Resp: 239058
Ion Ratio Lower Upper
96 100
61 163.0 130.4 195.6
98 62.0 49.6 74.4





#13

Acrolein

Concen: 132.538 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

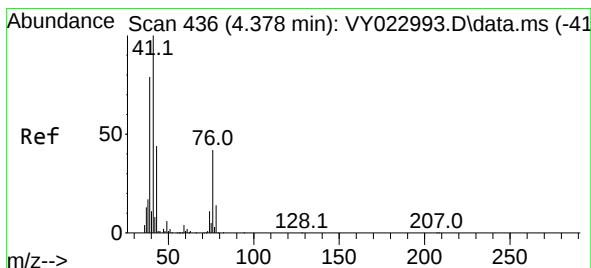
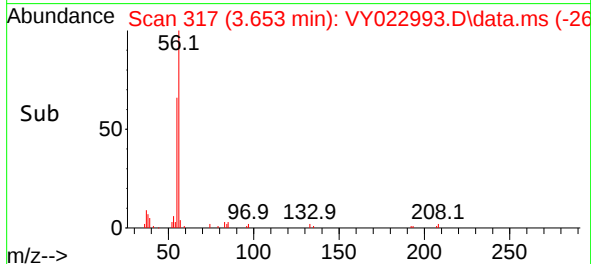
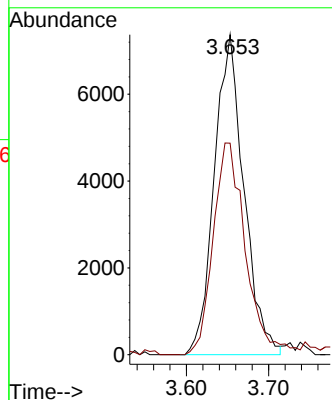
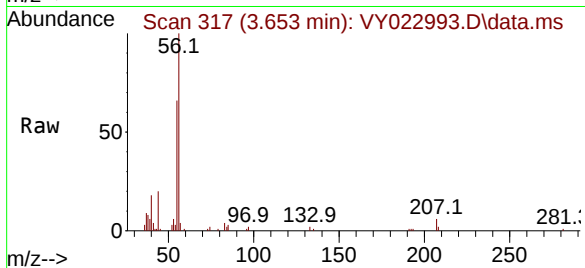
VSTDICCC050

Tgt Ion: 56 Resp: 18455

Ion Ratio Lower Upper

56 100

55 72.2 57.8 86.6



#14

Allyl chloride

Concen: 45.764 ug/l

RT: 4.378 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

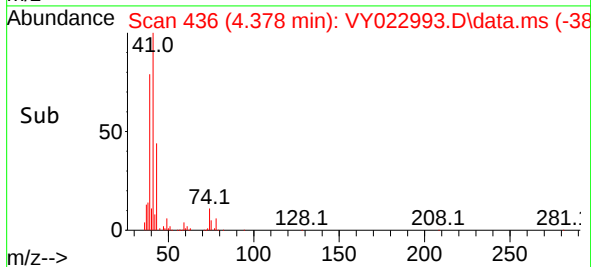
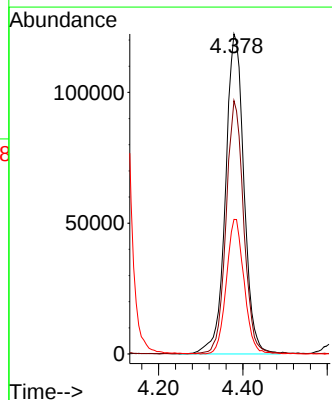
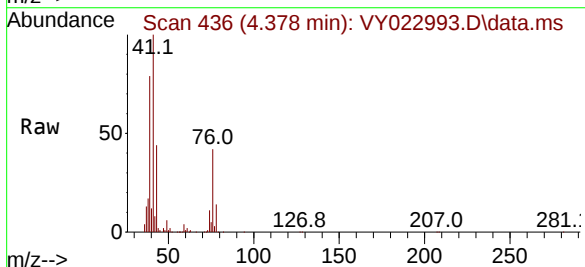
Tgt Ion: 41 Resp: 371772

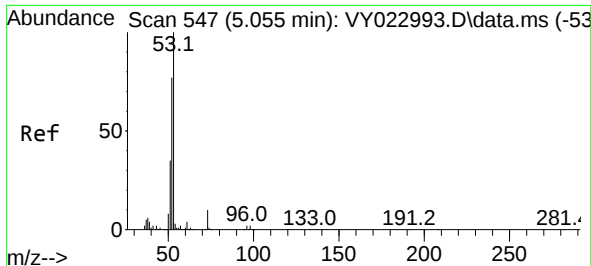
Ion Ratio Lower Upper

41 100

39 75.1 60.1 90.1

76 40.3 32.2 48.4

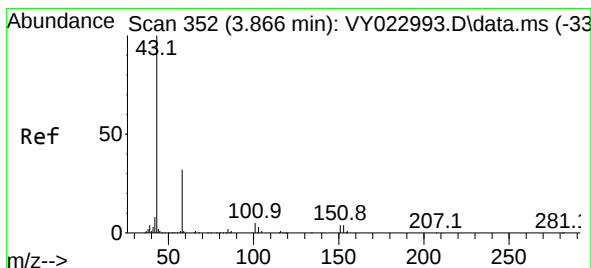
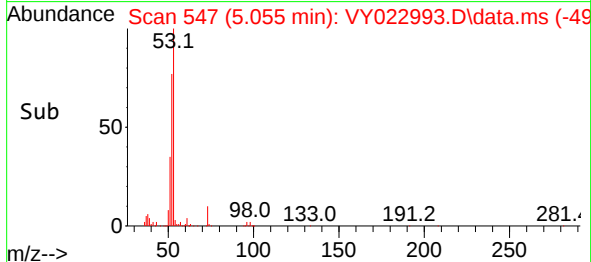
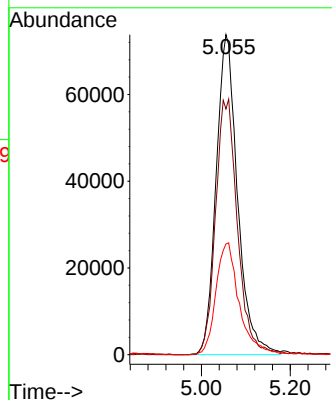
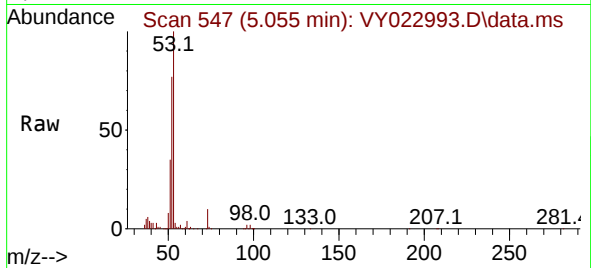




#15
Acrylonitrile
Concen: 233.921 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

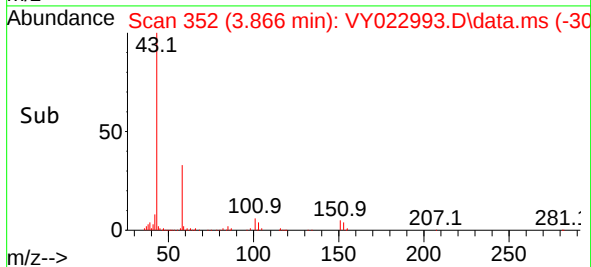
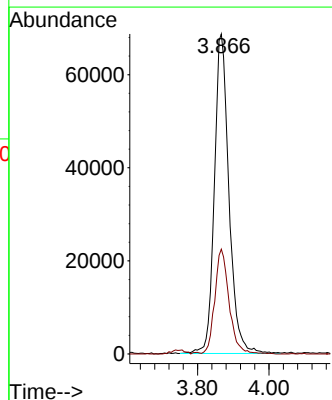
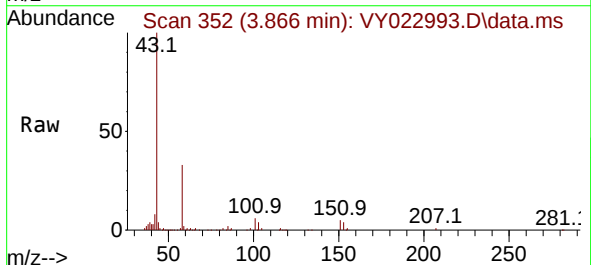
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

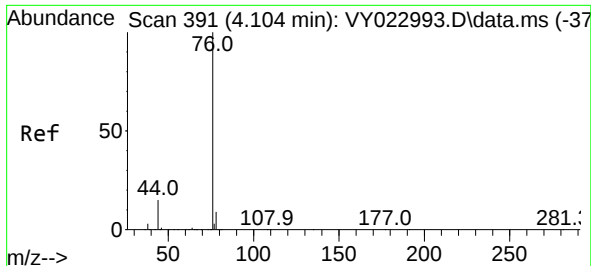
Tgt Ion: 53 Resp: 247093
Ion Ratio Lower Upper
53 100
52 81.5 65.2 97.8
51 37.9 30.3 45.5



#16
Acetone
Concen: 210.847 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 43 Resp: 194159
Ion Ratio Lower Upper
43 100
58 32.8 26.2 39.4

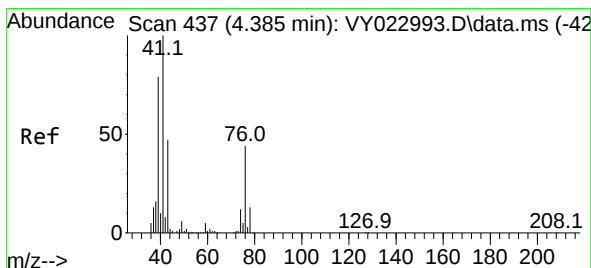
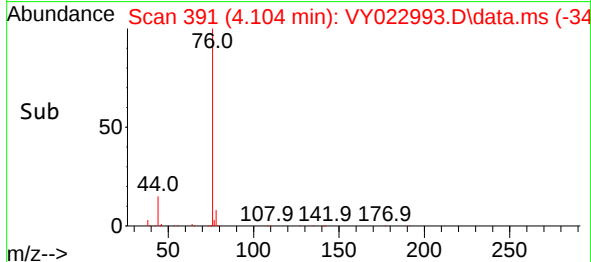
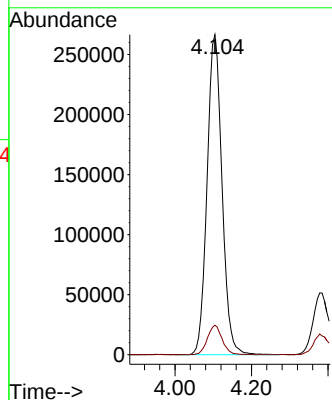
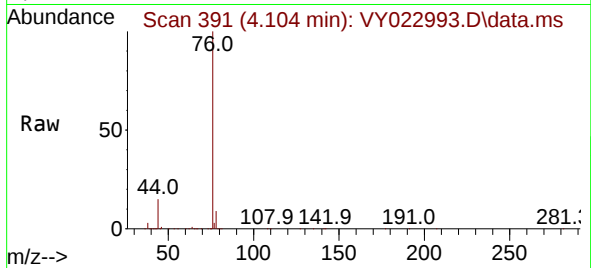




#17
Carbon Disulfide
Concen: 44.664 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

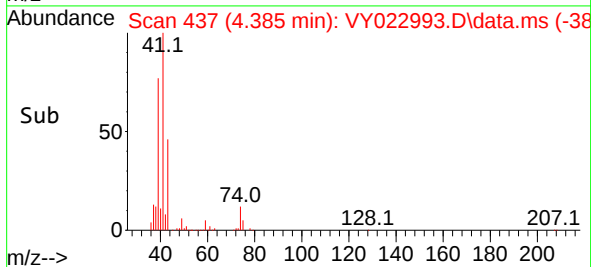
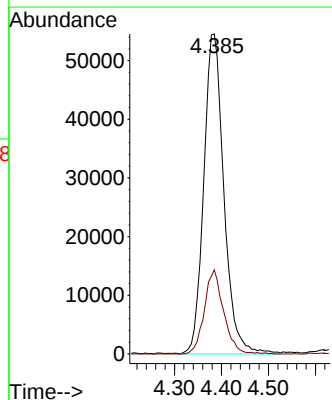
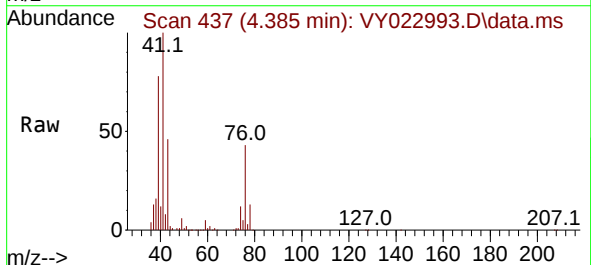
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

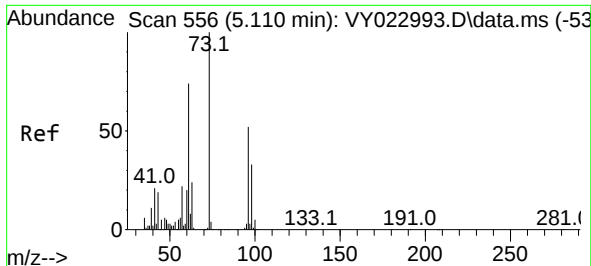
Tgt Ion: 76 Resp: 721811
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 52.045 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 43 Resp: 162254
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1

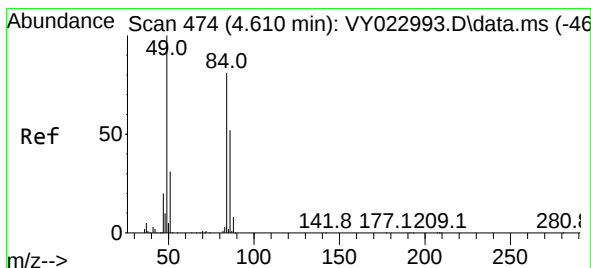
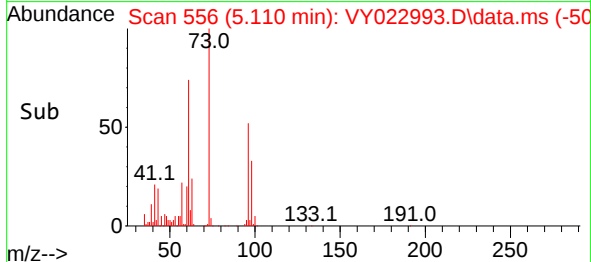
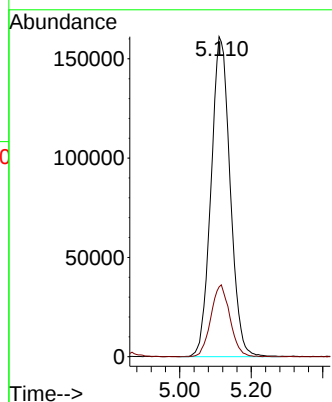
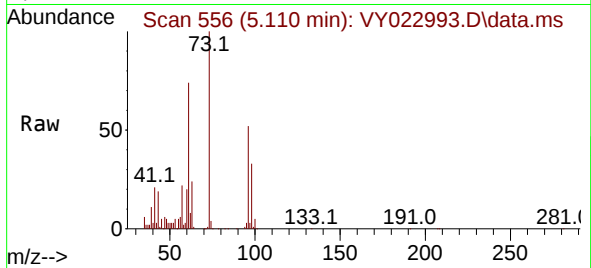




#19
Methyl tert-butyl Ether
Concen: 46.744 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

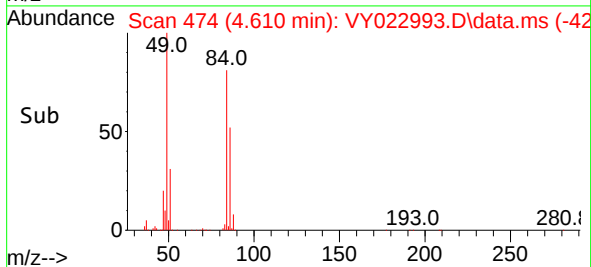
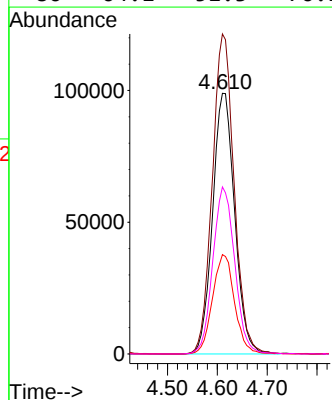
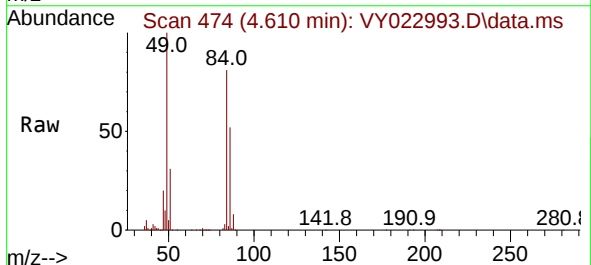
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 597847
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 46.415 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 84 Resp: 304504
Ion Ratio Lower Upper
84 100
49 122.8 98.2 147.4
51 38.1 30.5 45.7
86 64.1 51.3 76.9

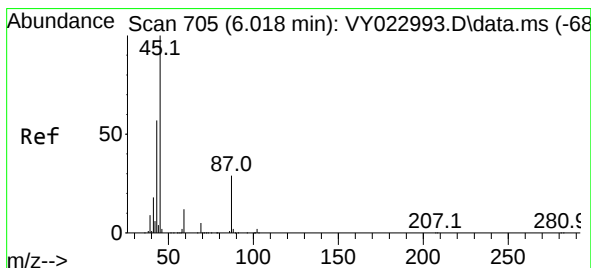
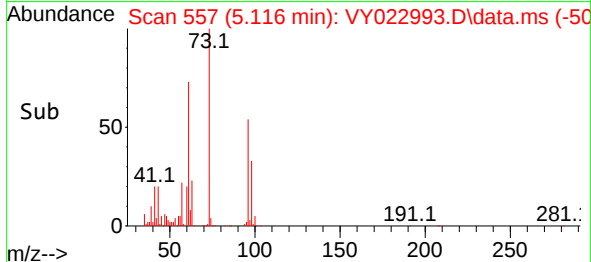
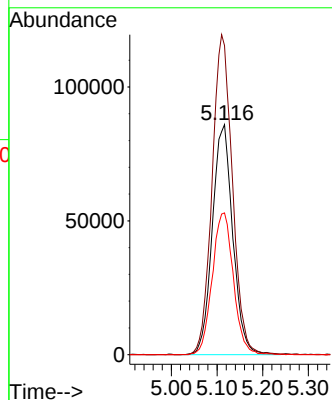
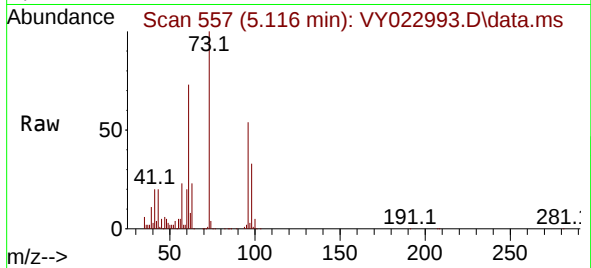




#21
trans-1,2-Dichloroethene
Concen: 45.028 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

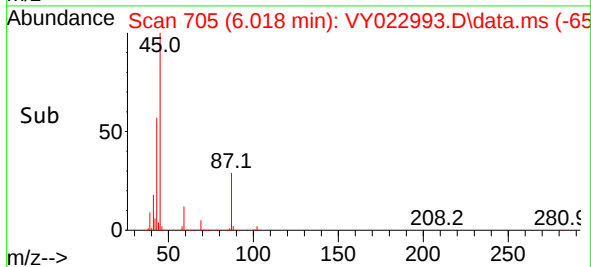
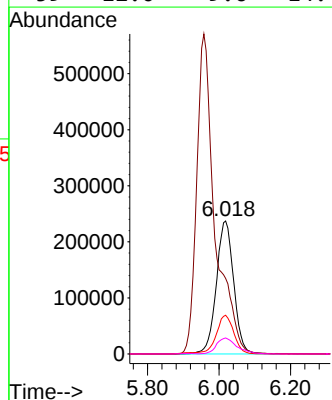
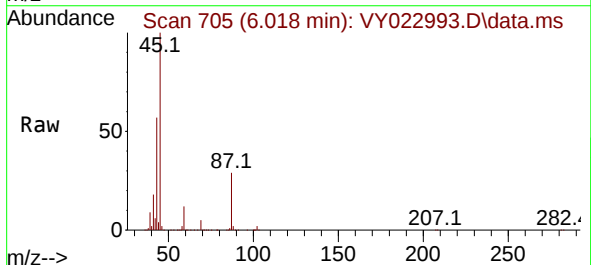
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 267267
Ion Ratio Lower Upper
96 100
61 134.3 107.4 161.2
98 61.6 49.3 73.9



#22
Diisopropyl ether
Concen: 46.434 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 45 Resp: 800264
Ion Ratio Lower Upper
45 100
43 56.6 45.3 67.9
87 29.1 23.3 34.9
59 12.0 9.6 14.4

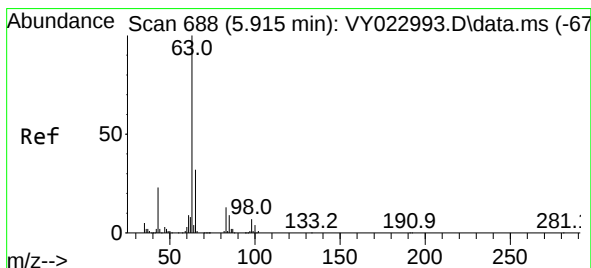
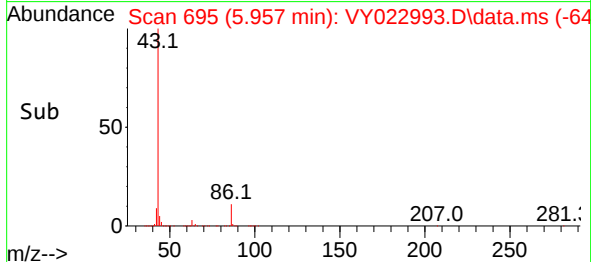
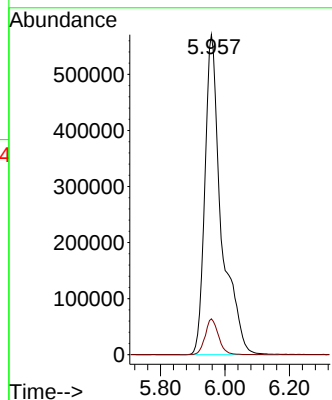
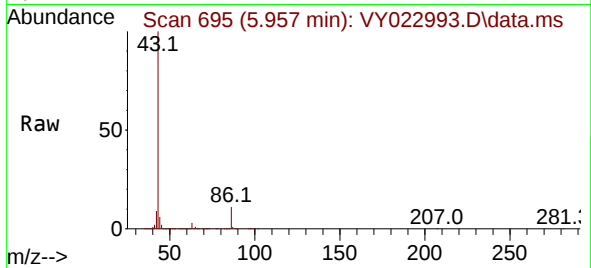




#23
 Vinyl Acetate
 Concen: 233.221 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022993.D
 Acq: 18 Jul 2025 12:04

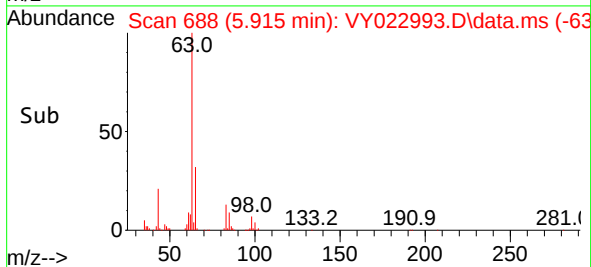
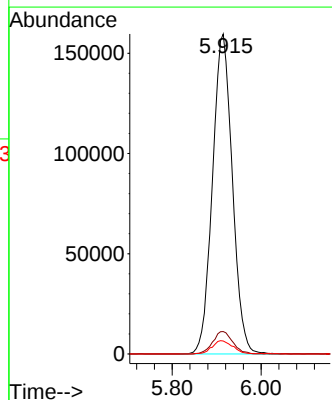
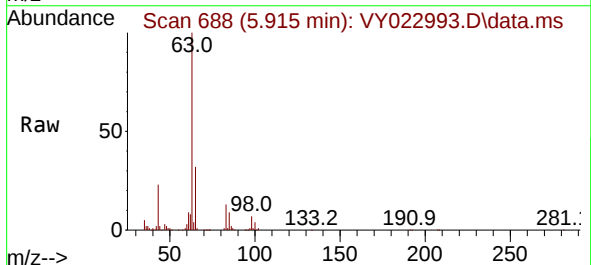
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

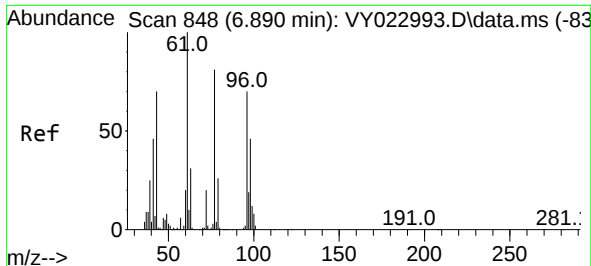
Tgt Ion: 43 Resp: 2025238
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 45.718 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022993.D
 Acq: 18 Jul 2025 12:04

Tgt Ion: 63 Resp: 494896
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 233.963 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

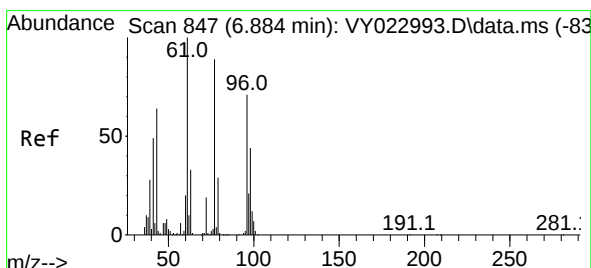
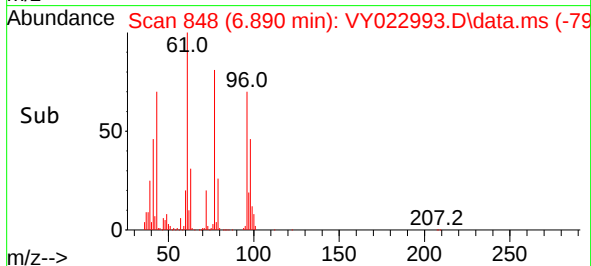
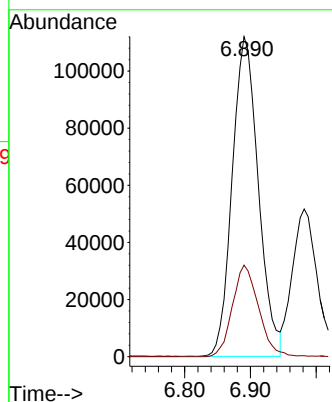
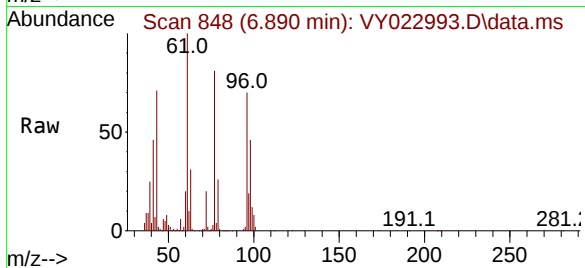
VSTDICCC050

Tgt Ion: 43 Resp: 309076

Ion Ratio Lower Upper

43 100

72 28.6 22.9 34.3



#26

2,2-Dichloropropane

Concen: 45.386 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022993.D

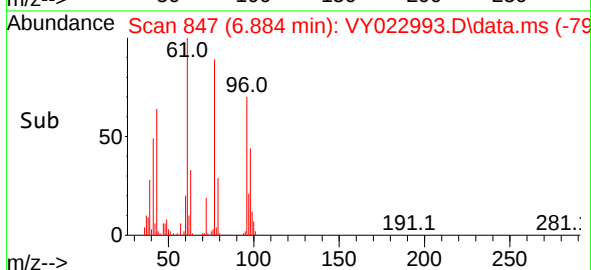
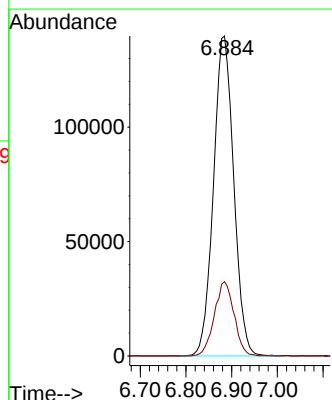
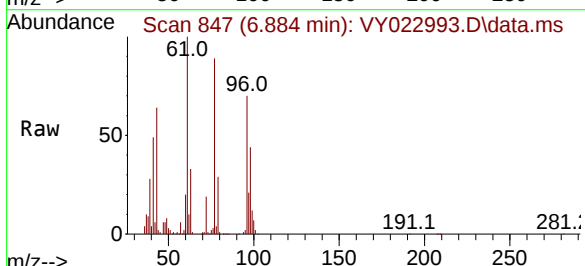
Acq: 18 Jul 2025 12:04

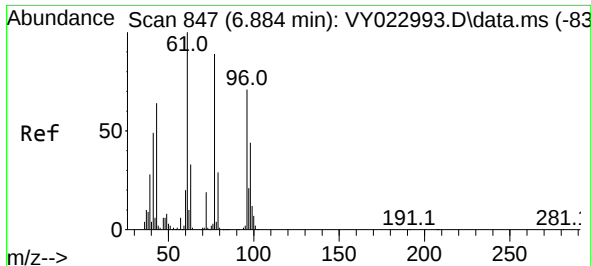
Tgt Ion: 77 Resp: 430578

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9



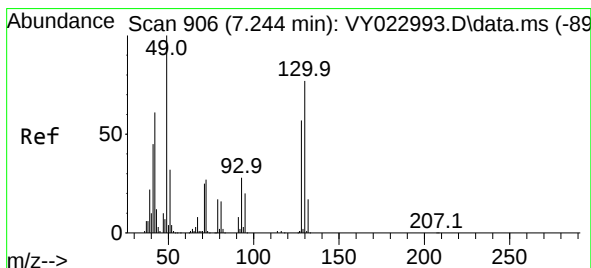
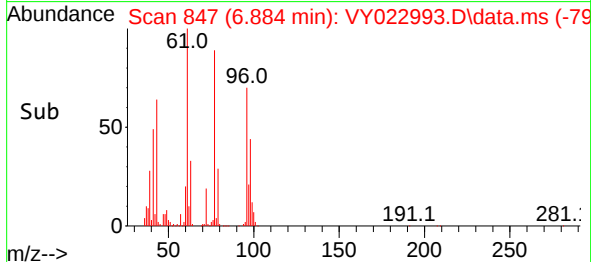
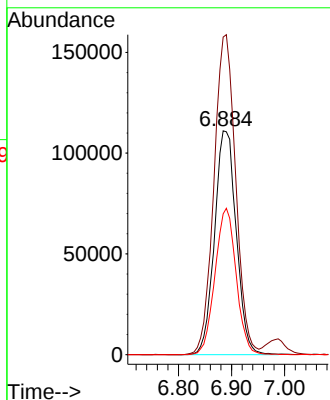
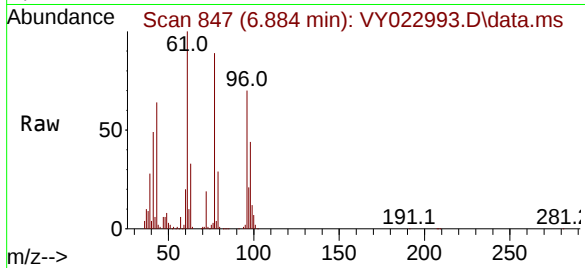


#27
 cis-1,2-Dichloroethene
 Concen: 46.253 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY022993.D
 Acq: 18 Jul 2025 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 316409

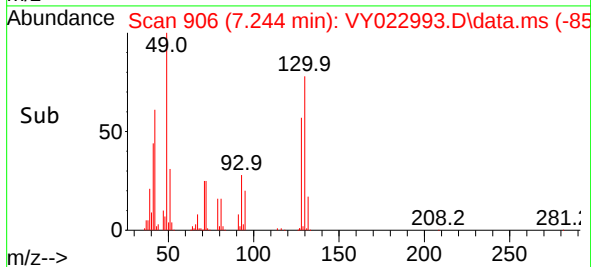
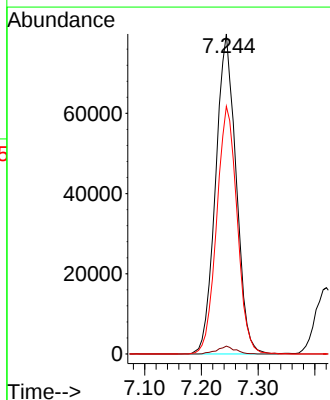
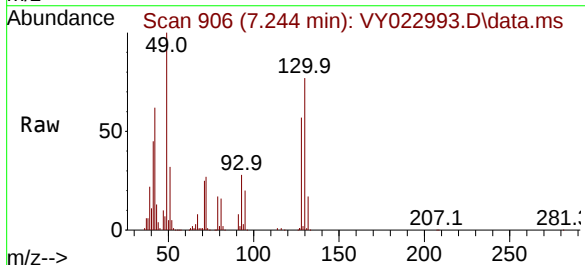
Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	286.2
98	63.7	0.0	127.4

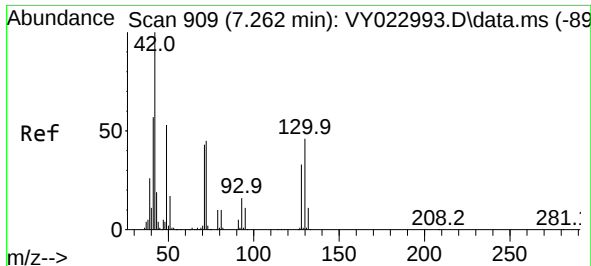


#28
 Bromochloromethane
 Concen: 47.598 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022993.D
 Acq: 18 Jul 2025 12:04

Tgt Ion: 49 Resp: 199840

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	77.3	61.8	92.8

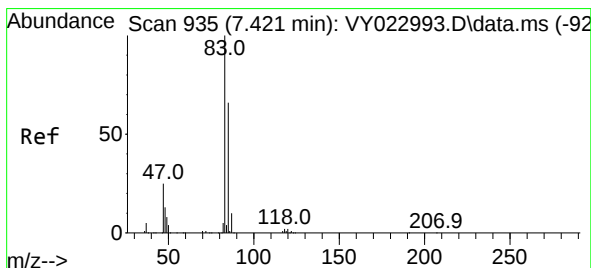
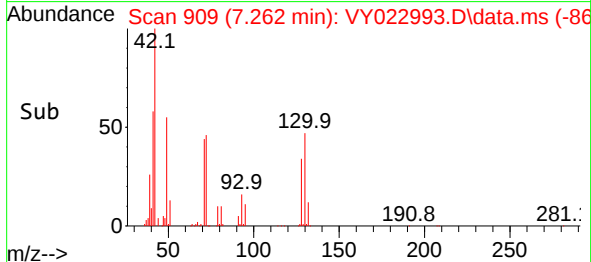
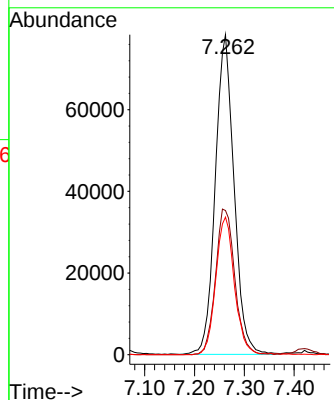
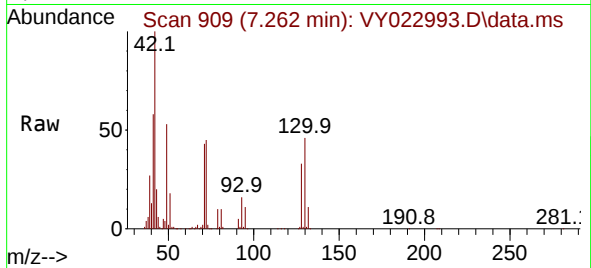




#29
Tetrahydrofuran
Concen: 244.270 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

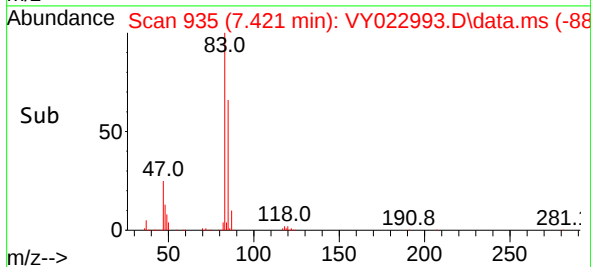
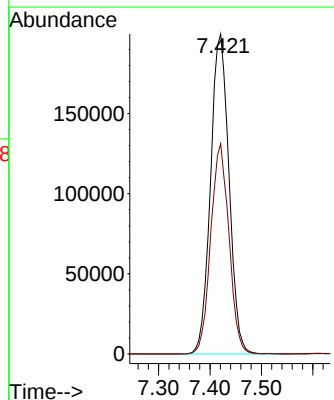
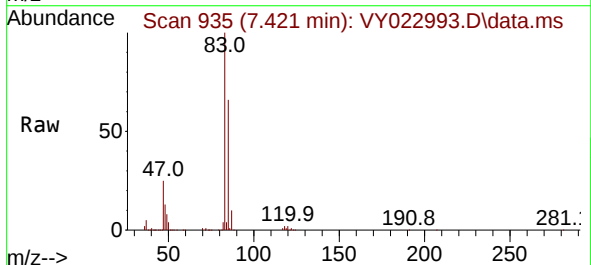
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

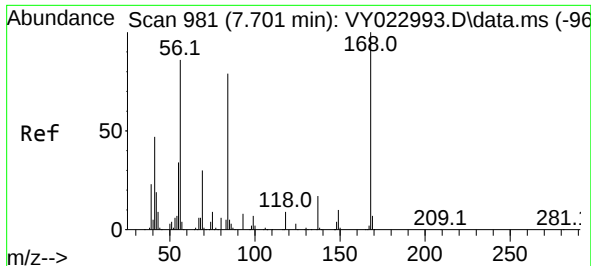
Tgt Ion: 42 Resp: 204304
Ion Ratio Lower Upper
42 100
72 46.9 37.5 56.3
71 42.8 34.2 51.4



#30
Chloroform
Concen: 45.518 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 83 Resp: 497058
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8

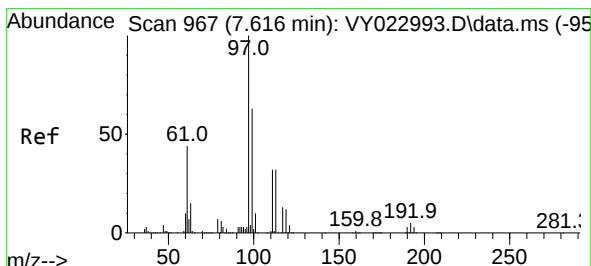
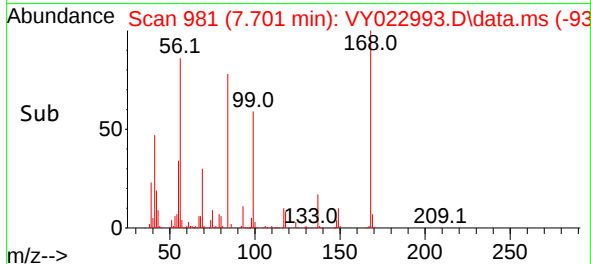
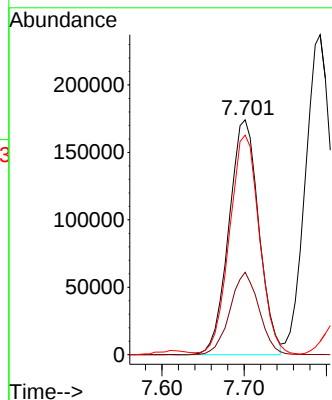
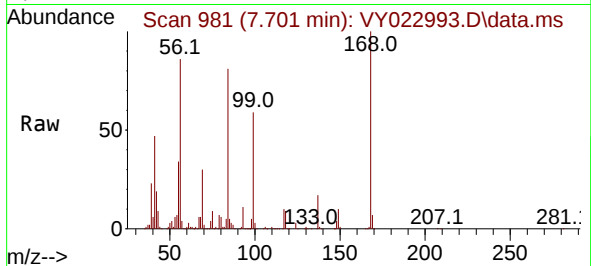




#31
Cyclohexane
Concen: 43.650 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

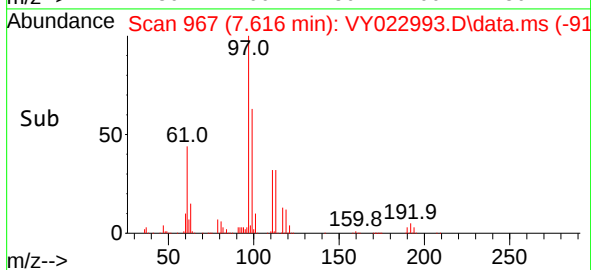
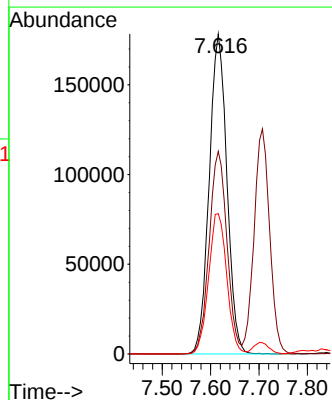
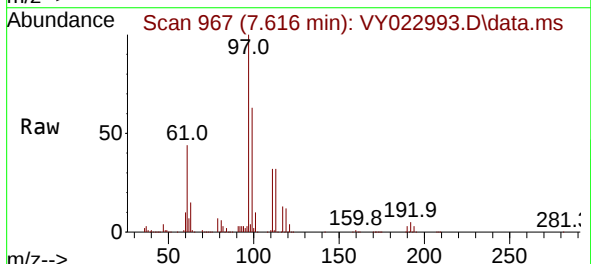
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

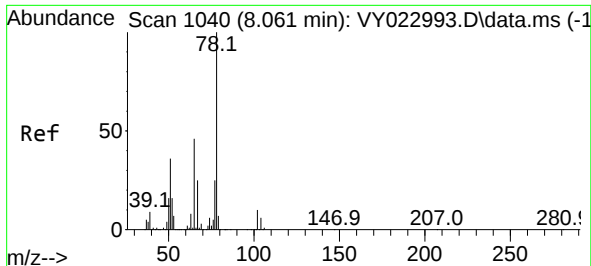
Tgt Ion: 56 Resp: 441500
Ion Ratio Lower Upper
56 100
69 35.1 28.1 42.1
84 91.9 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 45.738 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 97 Resp: 453173
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 45.1 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.050 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

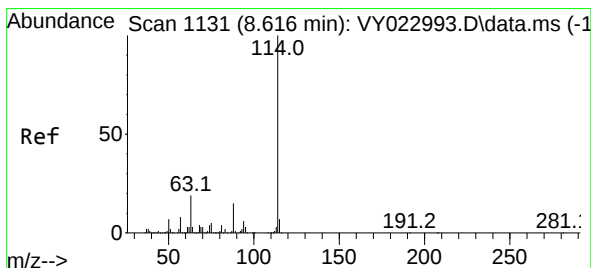
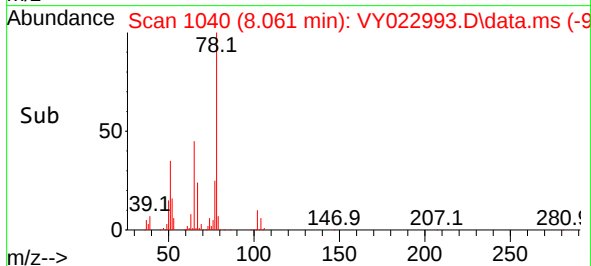
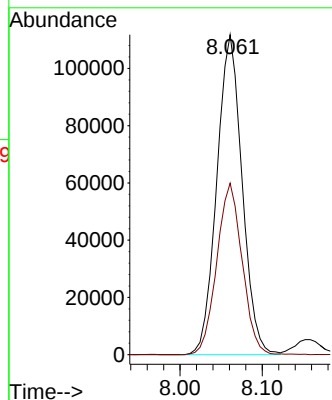
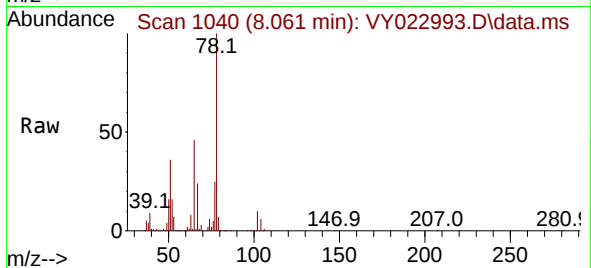
VSTDICCC050

Tgt Ion: 65 Resp: 239014

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

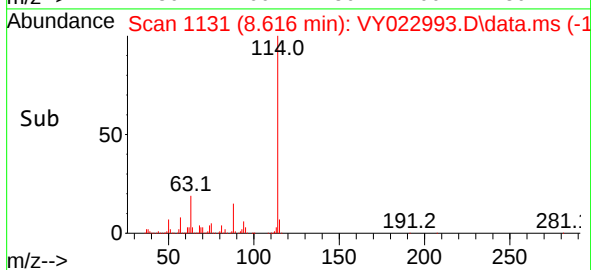
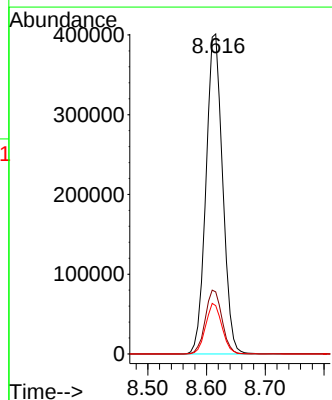
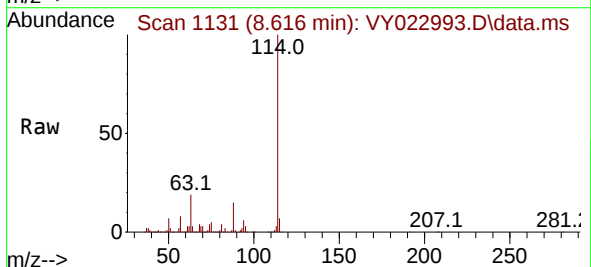
Tgt Ion: 114 Resp: 789191

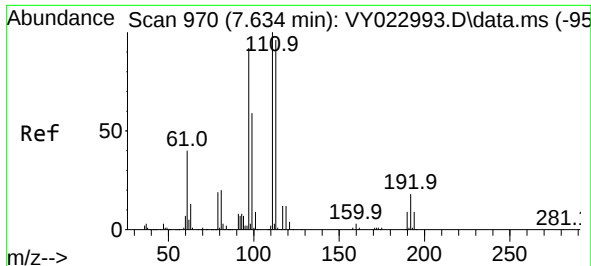
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.590 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

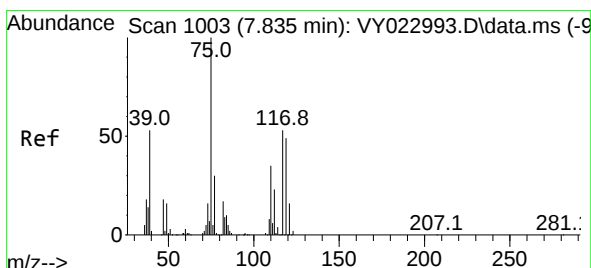
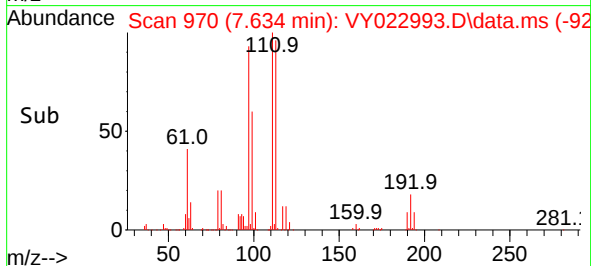
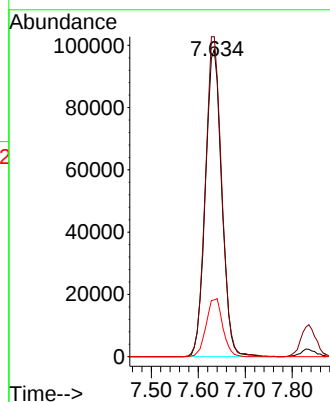
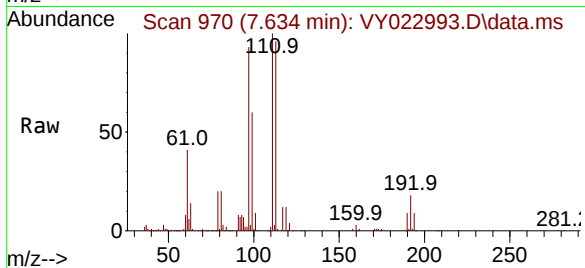
Tgt Ion:113 Resp: 238242

Ion Ratio Lower Upper

113 100

111 104.0 83.2 124.8

192 19.1 15.3 22.9



#36

1,1-Dichloropropene

Concen: 47.196 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

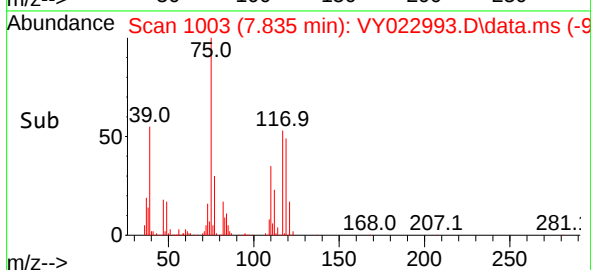
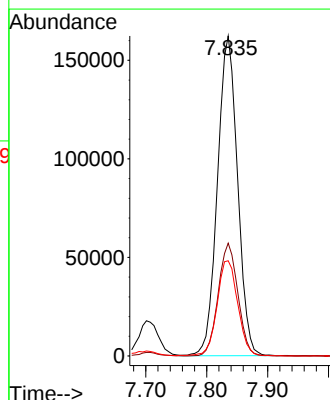
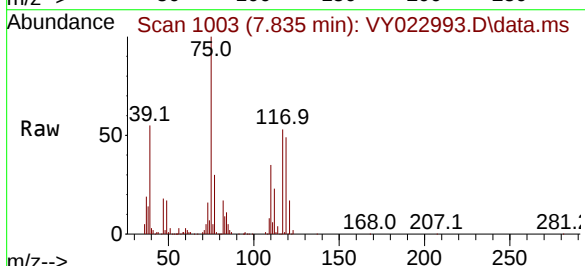
Tgt Ion: 75 Resp: 372166

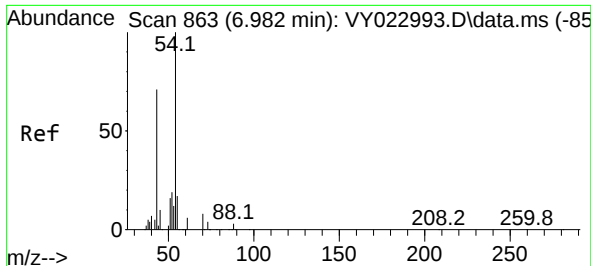
Ion Ratio Lower Upper

75 100

110 34.6 17.3 51.9

77 30.8 24.6 37.0

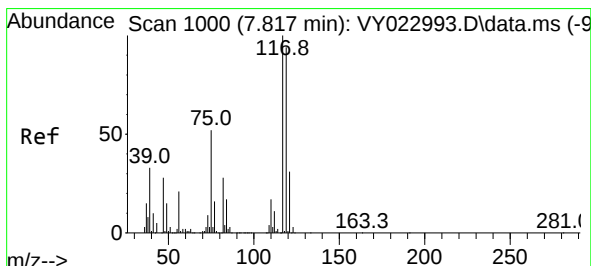
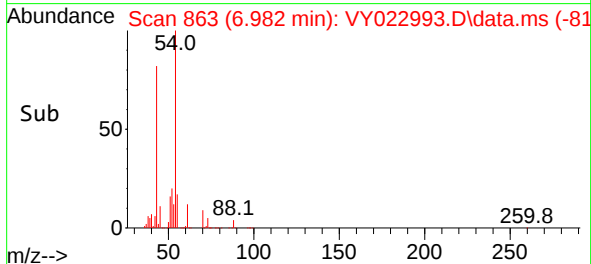
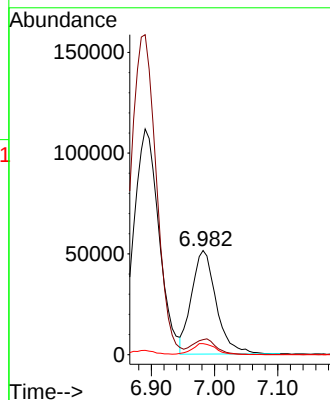
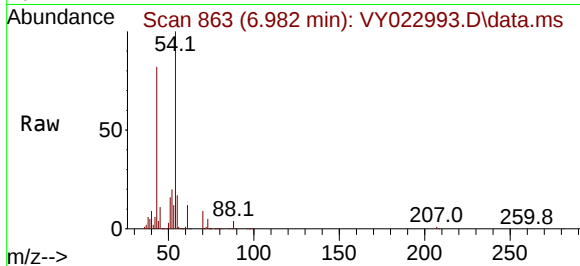




#37
Ethyl Acetate
Concen: 47.445 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

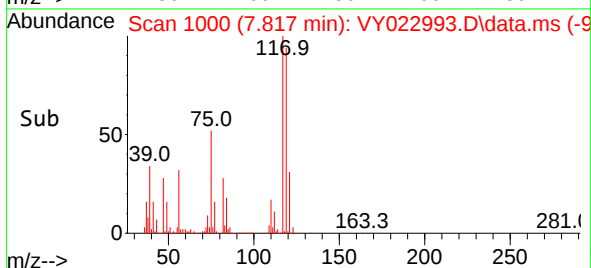
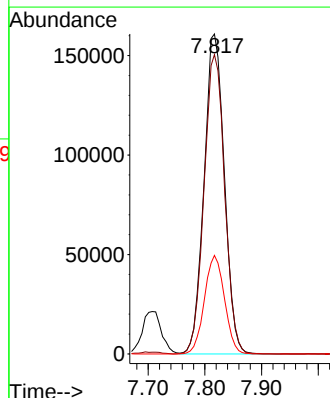
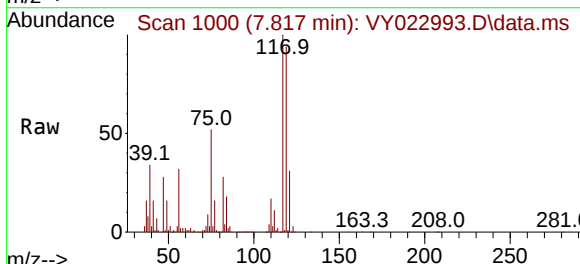
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

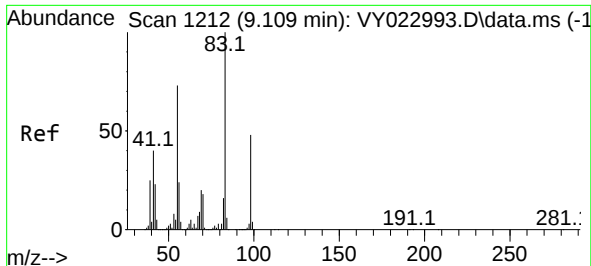
Tgt Ion: 43 Resp: 138948
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 46.760 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 117 Resp: 400589
Ion Ratio Lower Upper
117 100
119 93.6 74.9 112.3
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 47.256 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

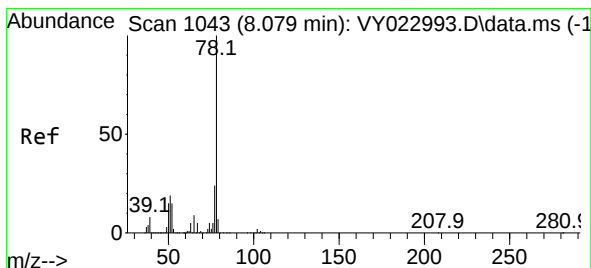
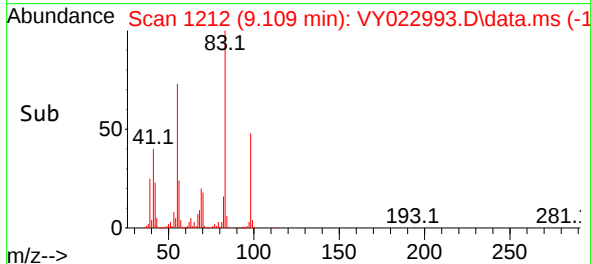
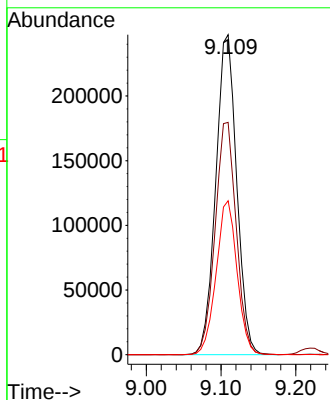
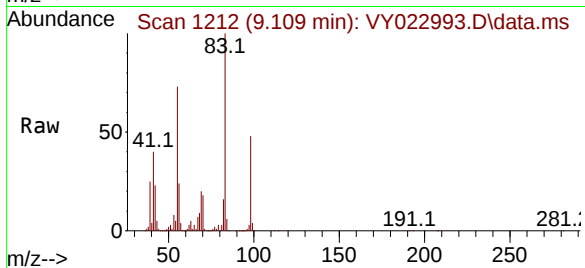
Tgt Ion: 83 Resp: 482312

Ion Ratio Lower Upper

83 100

55 72.6 58.1 87.1

98 48.1 38.5 57.7



#40

Benzene

Concen: 46.911 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022993.D

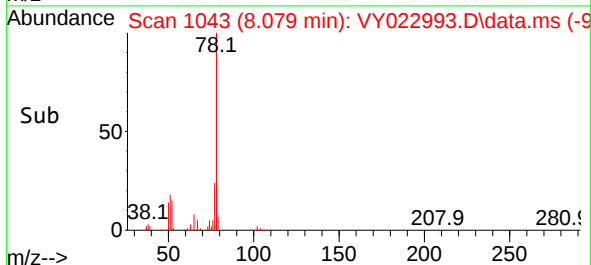
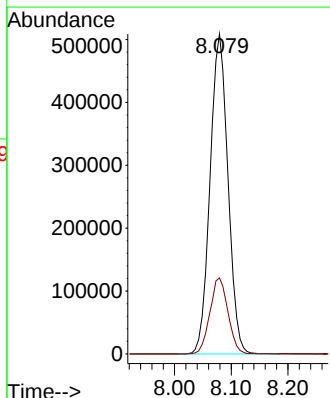
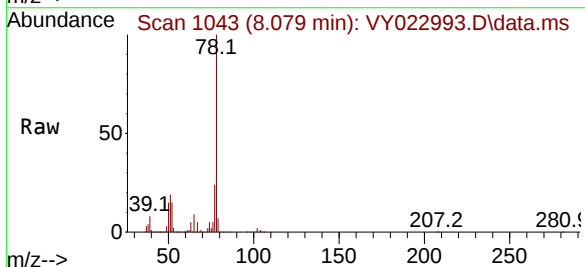
Acq: 18 Jul 2025 12:04

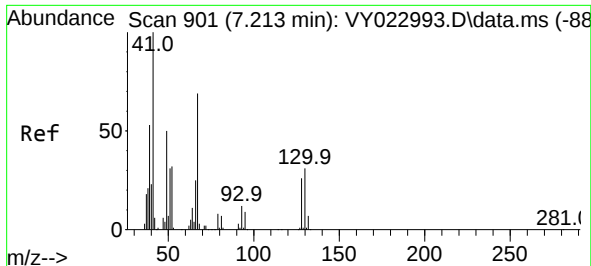
Tgt Ion: 78 Resp: 1113790

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



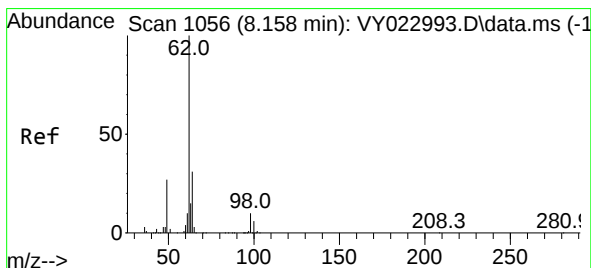
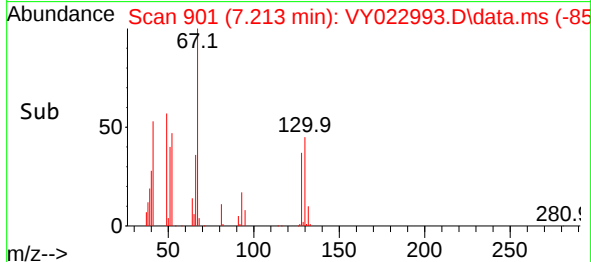
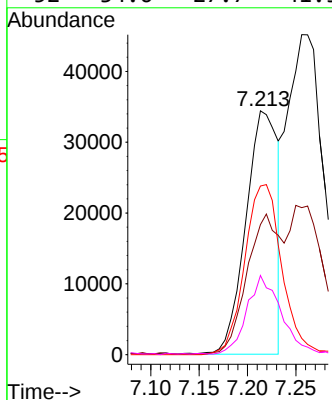
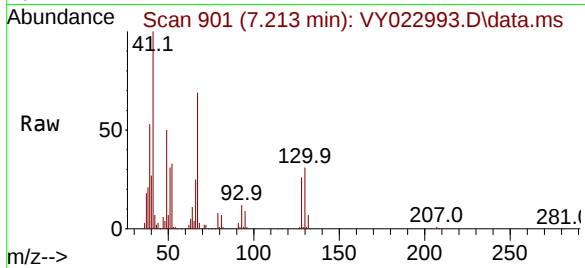


#41
Methacrylonitrile
Concen: 50.913 ug/l
RT: 7.213 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 78701

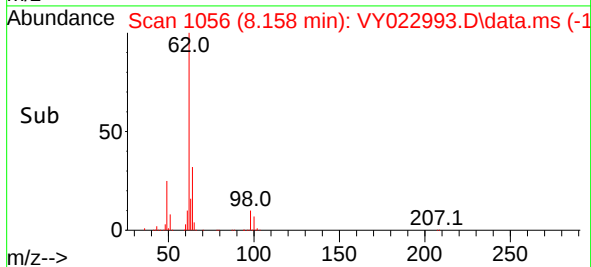
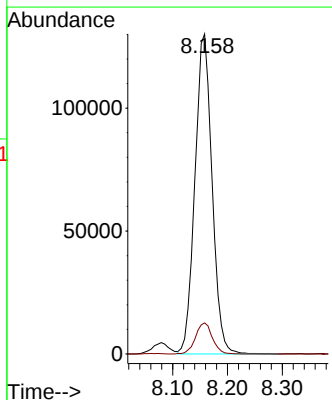
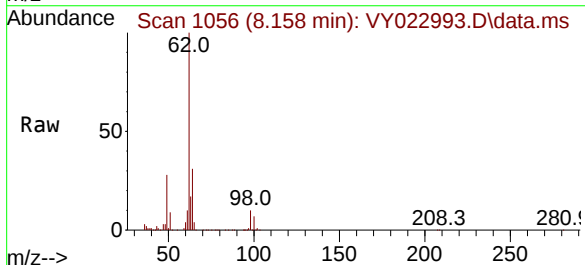
Ion	Ratio	Lower	Upper
41	100		
39	62.5	50.0	75.0
67	81.8	65.4	98.2
52	34.6	27.7	41.5

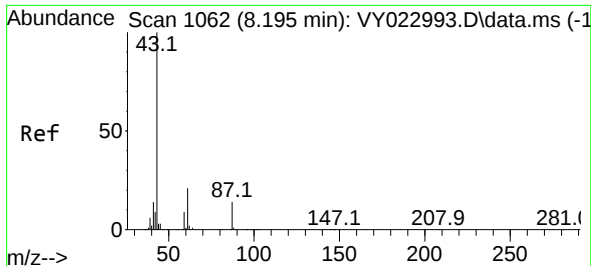


#42
1,2-Dichloroethane
Concen: 47.867 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 62 Resp: 282749

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0

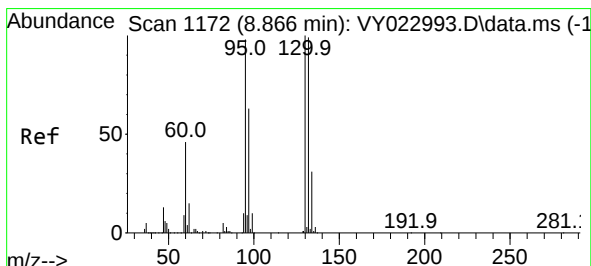
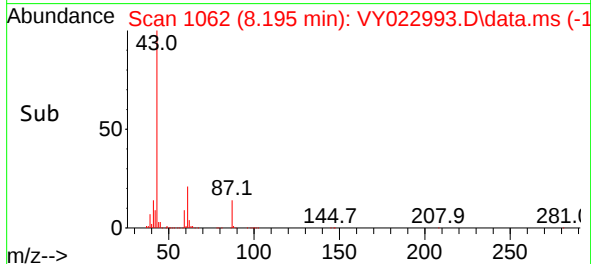
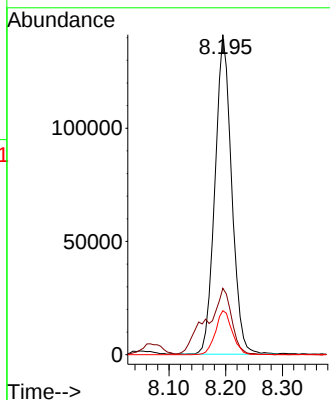
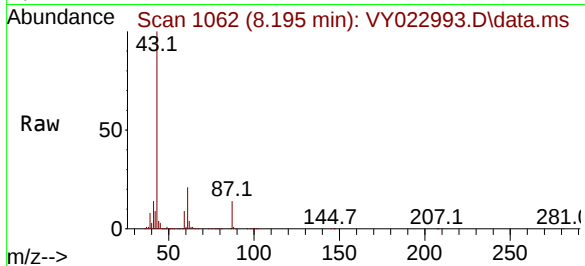




#43
Isopropyl Acetate
Concen: 49.524 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

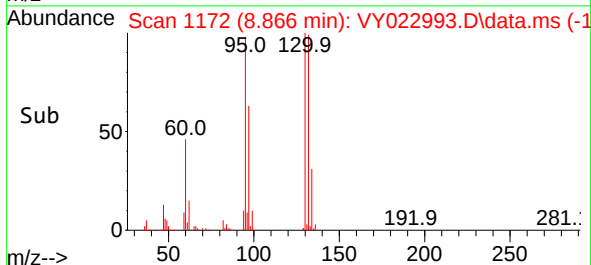
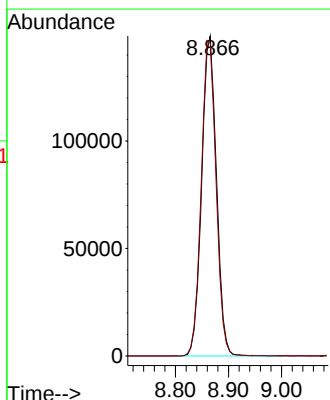
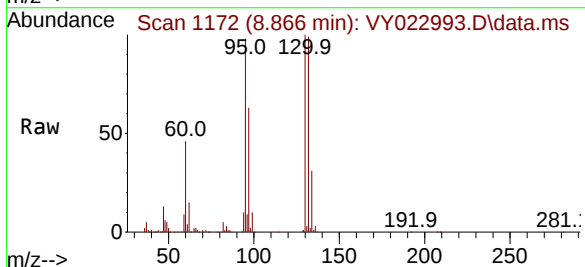
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

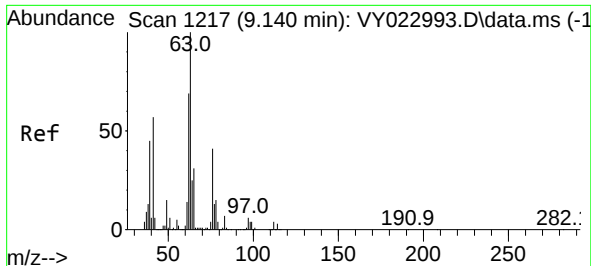
Tgt Ion: 43 Resp: 288097
Ion Ratio Lower Upper
43 100
61 31.2 25.0 37.4
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 47.253 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion:130 Resp: 288157
Ion Ratio Lower Upper
130 100
95 97.9 0.0 195.8





#45

1,2-Dichloropropane

Concen: 46.536 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

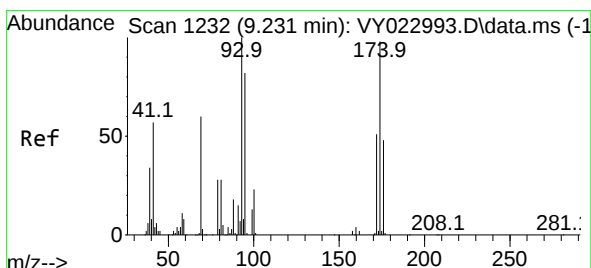
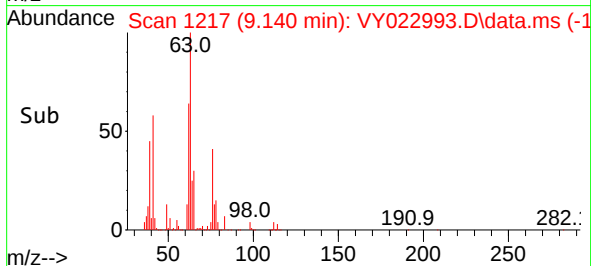
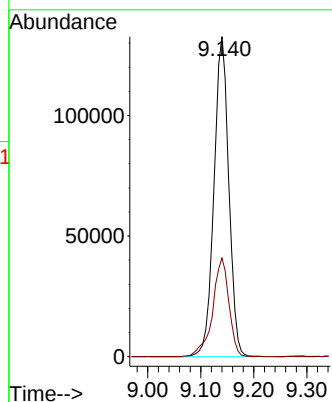
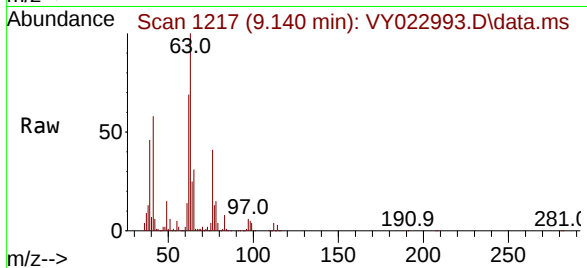
VSTDICCC050

Tgt Ion: 63 Resp: 258018

Ion Ratio Lower Upper

63 100

65 30.8 24.6 37.0



#46

Dibromomethane

Concen: 47.840 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

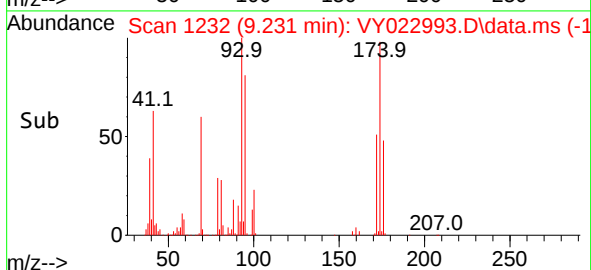
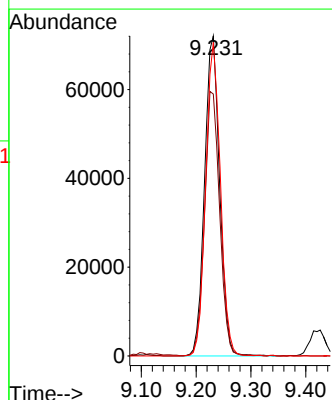
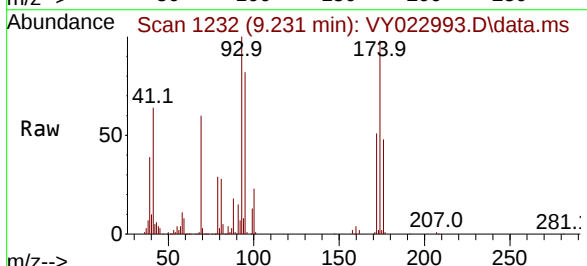
Tgt Ion: 93 Resp: 137104

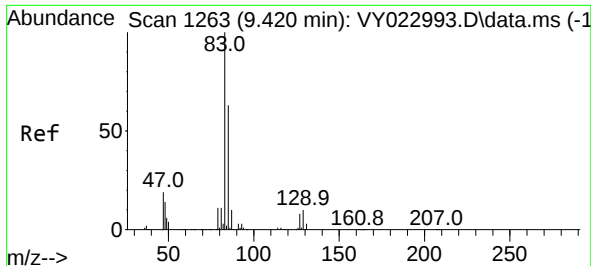
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 95.5 76.4 114.6

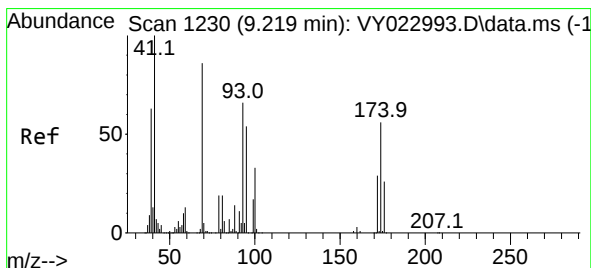
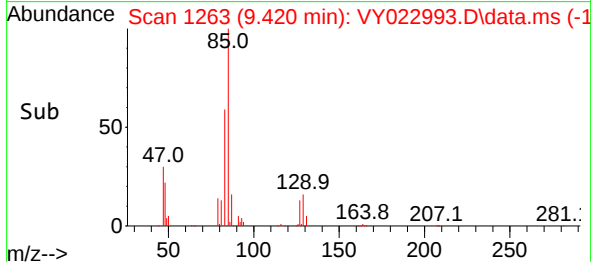
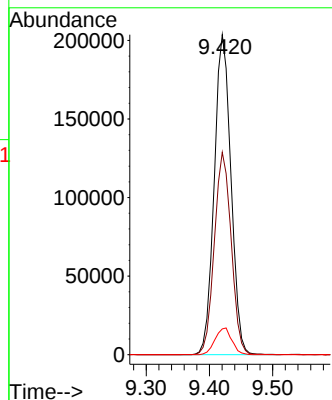
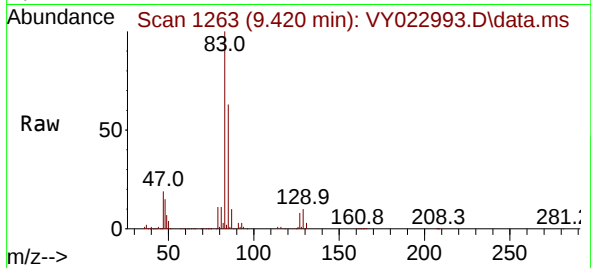




#47
Bromodichloromethane
Concen: 47.086 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

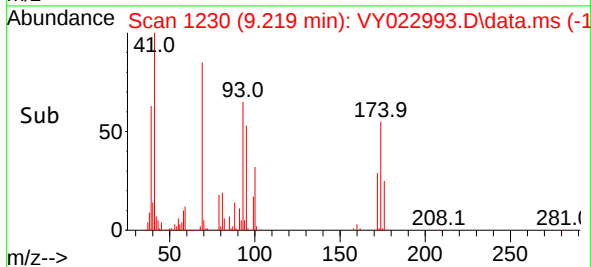
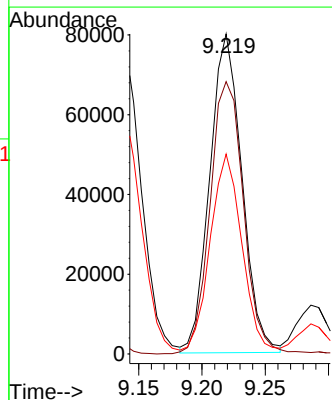
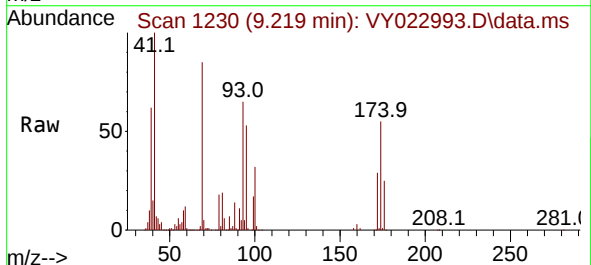
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

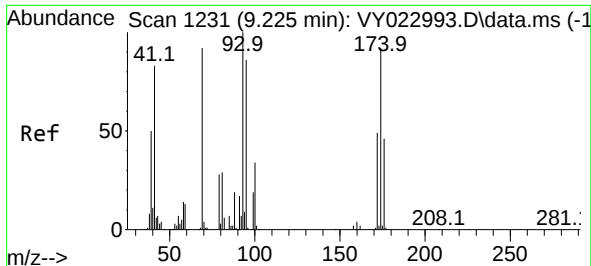
Tgt Ion: 83 Resp: 373011
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 50.507 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 41 Resp: 141851
Ion Ratio Lower Upper
41 100
69 89.2 71.4 107.0
39 59.8 47.8 71.8





#49

1,4-Dioxane

Concen: 993.216 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

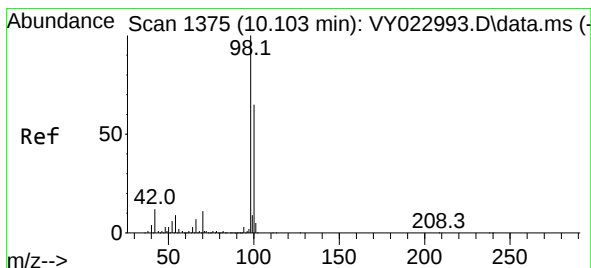
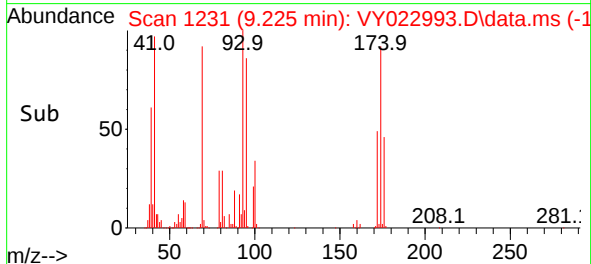
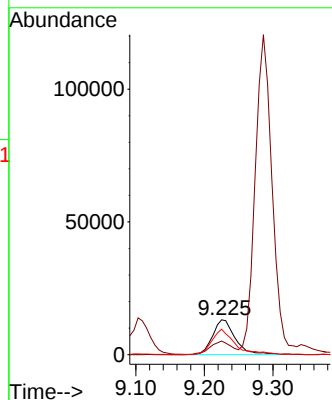
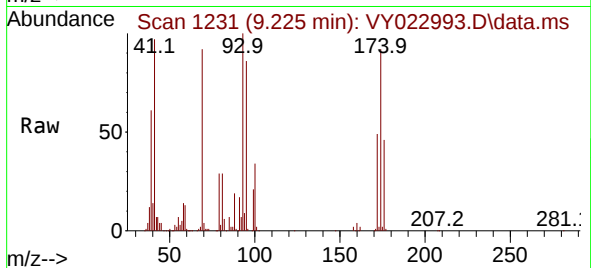
Tgt Ion: 88 Resp: 30004

Ion Ratio Lower Upper

88 100

43 35.9 28.7 43.1

58 74.7 59.8 89.6



#50

Toluene-d8

Concen: 47.886 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022993.D

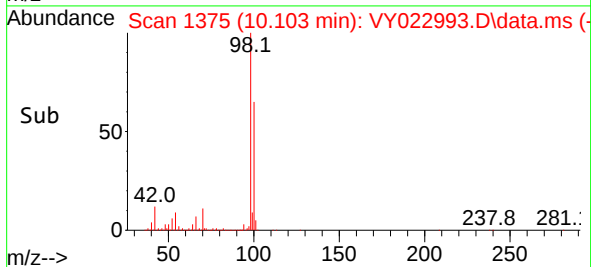
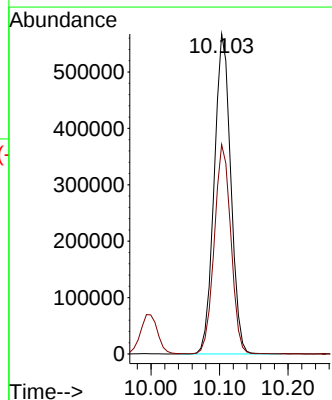
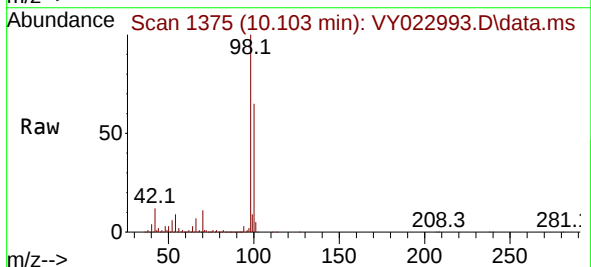
Acq: 18 Jul 2025 12:04

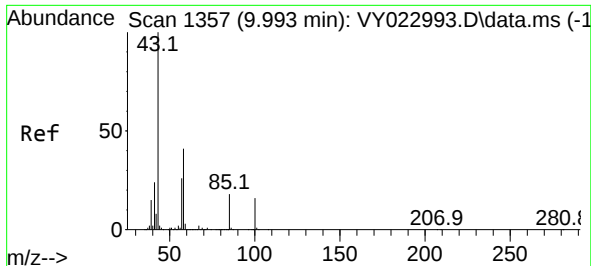
Tgt Ion: 98 Resp: 950656

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 255.467 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

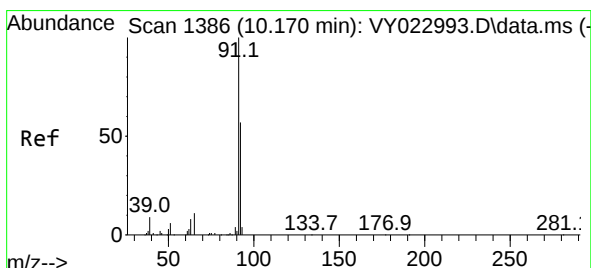
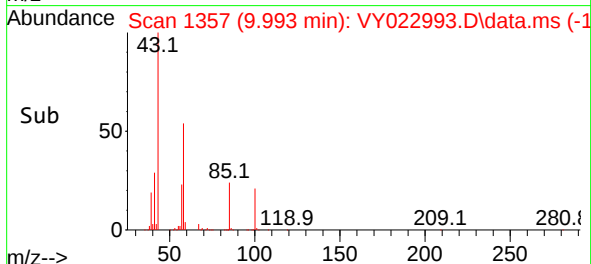
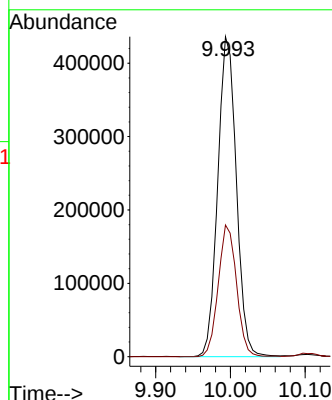
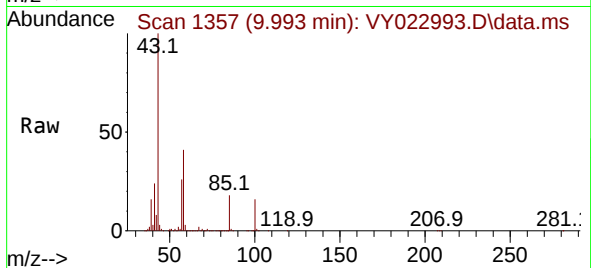
VSTDICCC050

Tgt Ion: 43 Resp: 754317

Ion Ratio Lower Upper

43 100

58 40.6 32.5 48.7



#52

Toluene

Concen: 47.669 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022993.D

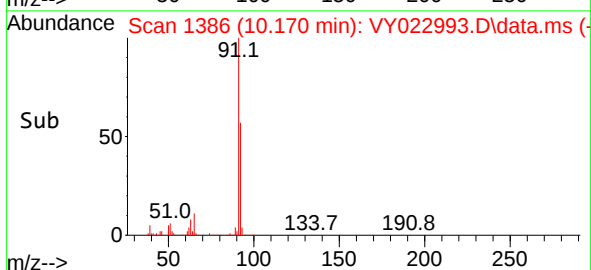
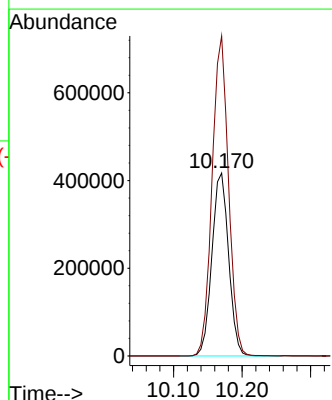
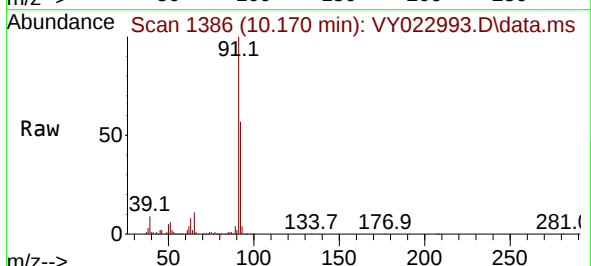
Acq: 18 Jul 2025 12:04

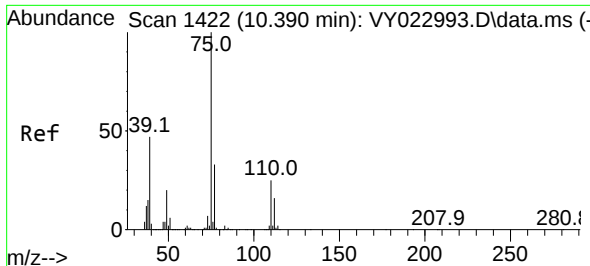
Tgt Ion: 92 Resp: 703655

Ion Ratio Lower Upper

92 100

91 172.2 137.8 206.6

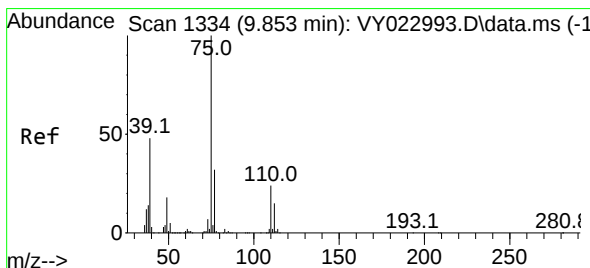
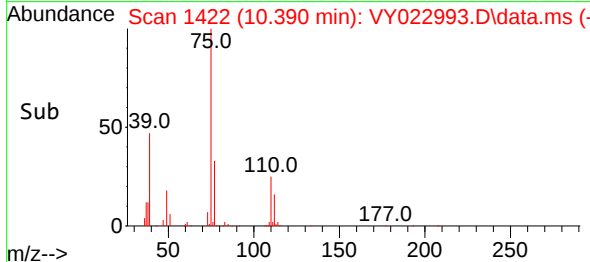
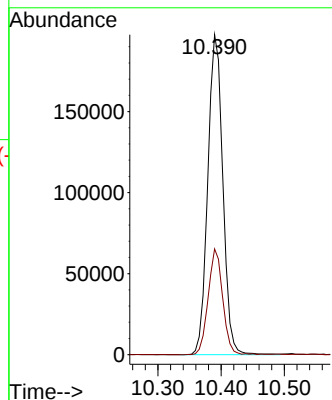
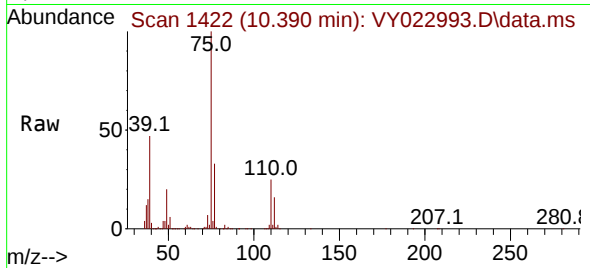




#53
t-1,3-Dichloropropene
Concen: 48.074 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

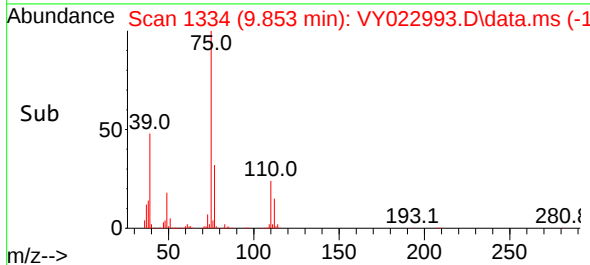
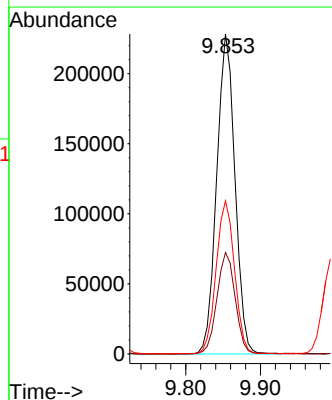
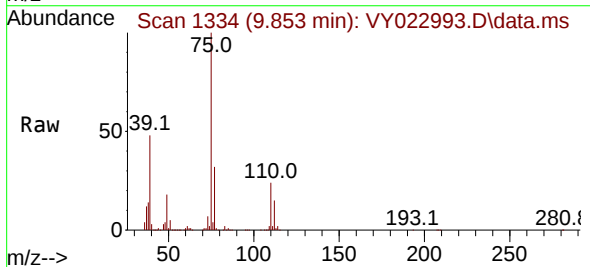
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

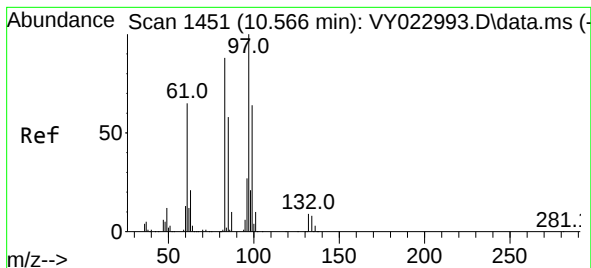
Tgt Ion: 75 Resp: 326909
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 47.380 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 75 Resp: 388343
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 47.7 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 47.708 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 179703

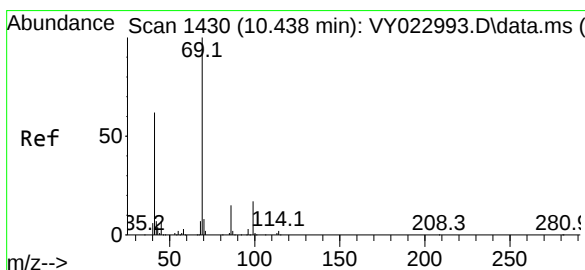
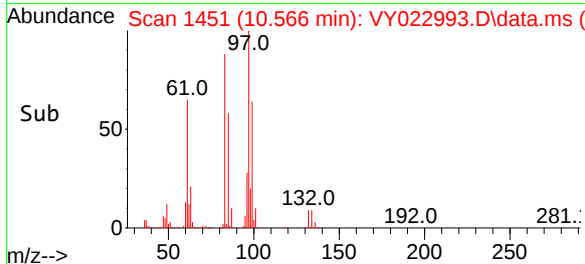
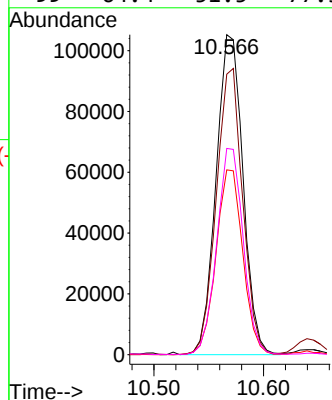
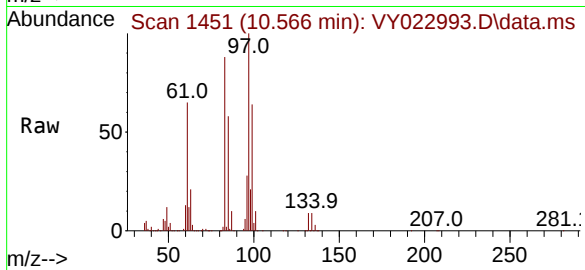
Ion Ratio Lower Upper

97 100

83 87.7 70.2 105.2

85 57.7 46.2 69.2

99 64.4 51.5 77.3



#56

Ethyl methacrylate

Concen: 50.527 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

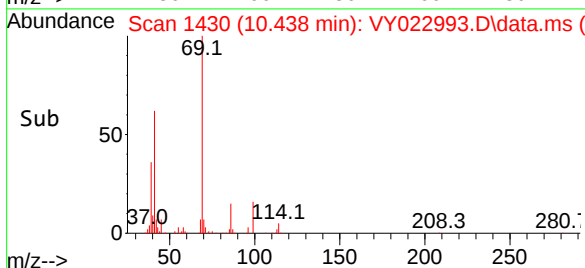
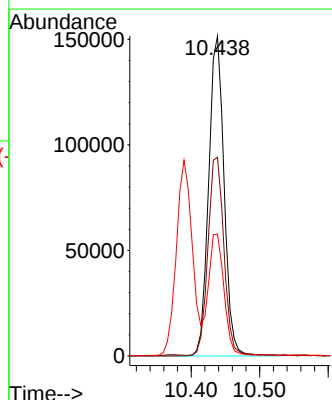
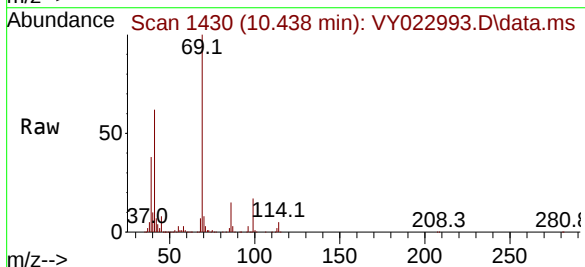
Tgt Ion: 69 Resp: 237585

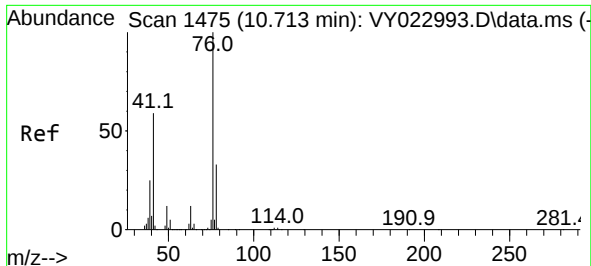
Ion Ratio Lower Upper

69 100

41 63.7 51.0 76.4

39 38.3 30.6 46.0





#57

1,3-Dichloropropane

Concen: 47.605 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

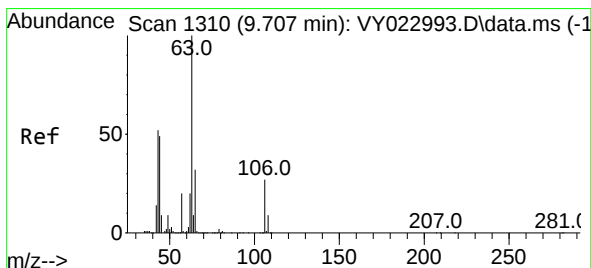
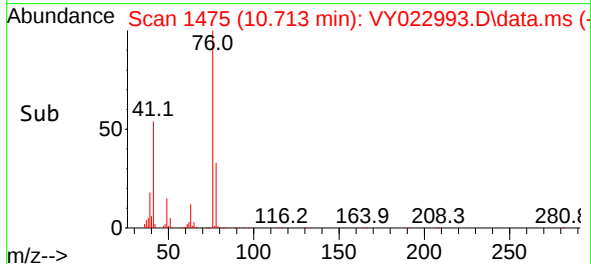
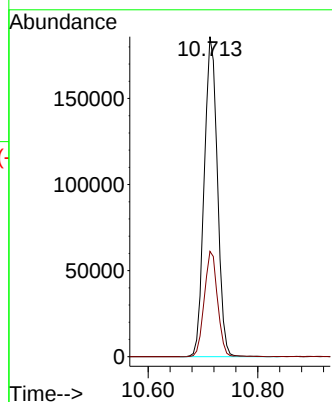
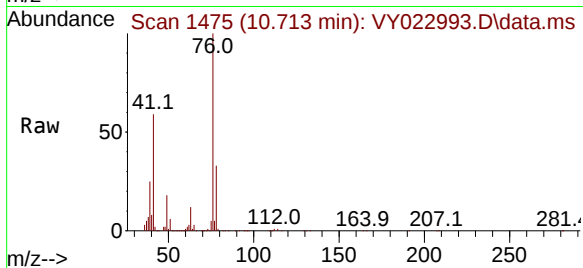
VSTDICCC050

Tgt Ion: 76 Resp: 309762

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 268.792 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY022993.D

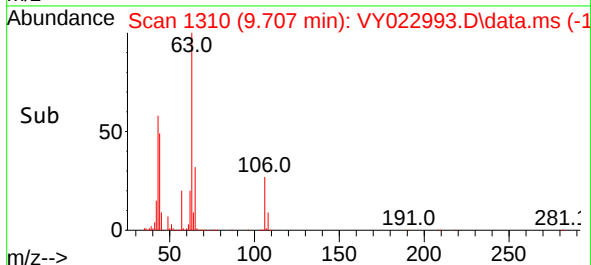
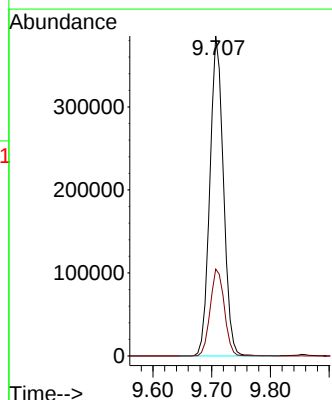
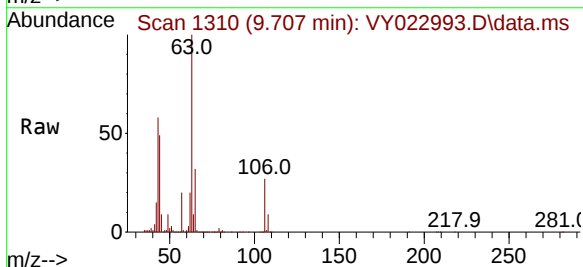
Acq: 18 Jul 2025 12:04

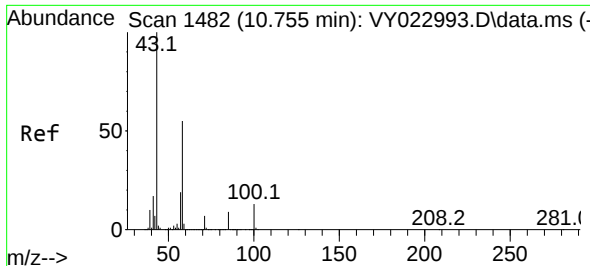
Tgt Ion: 63 Resp: 618691

Ion Ratio Lower Upper

63 100

106 28.2 22.6 33.8

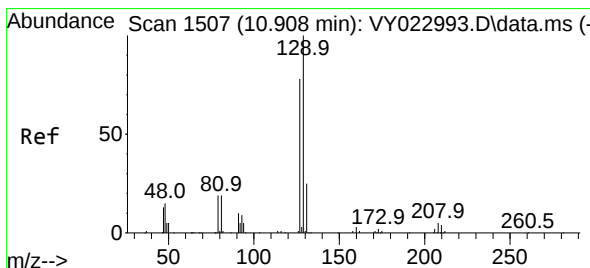
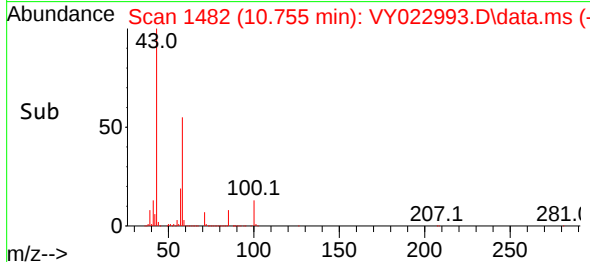
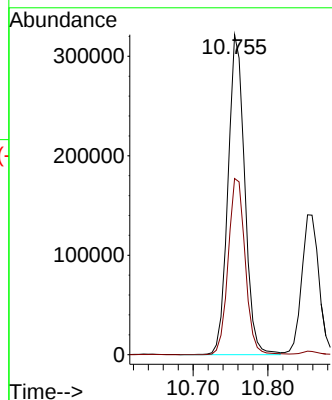
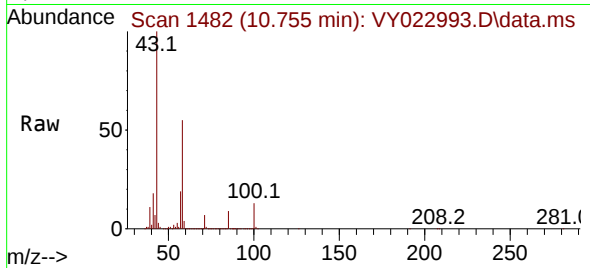




#59
2-Hexanone
Concen: 257.540 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

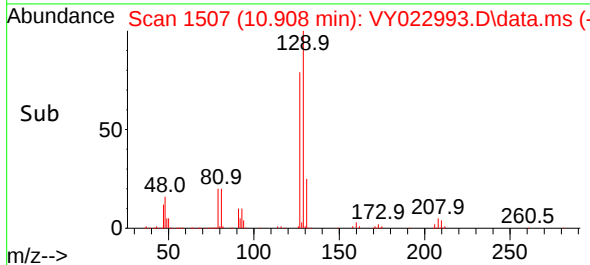
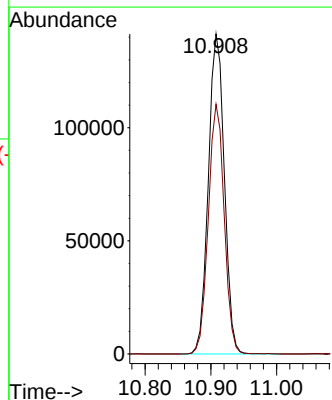
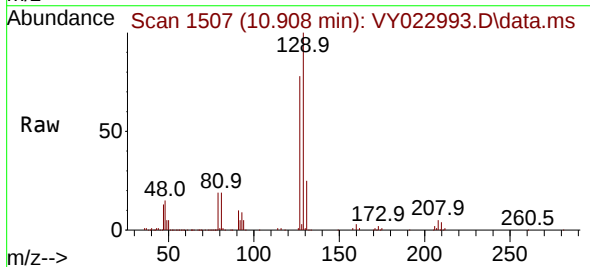
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

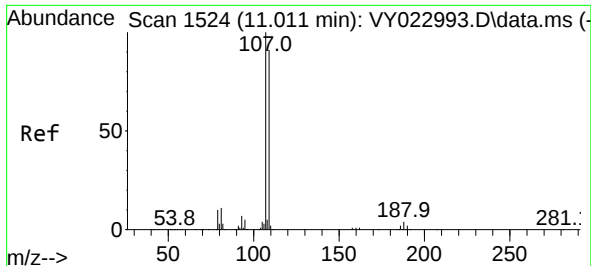
Tgt Ion: 43 Resp: 499848
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 48.542 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion:129 Resp: 239431
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

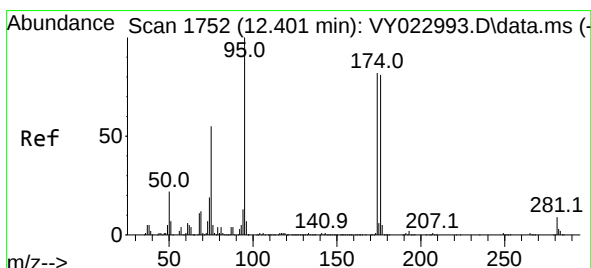
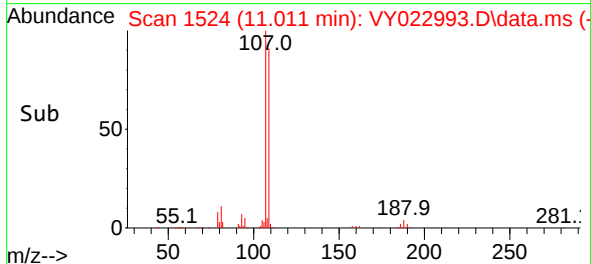
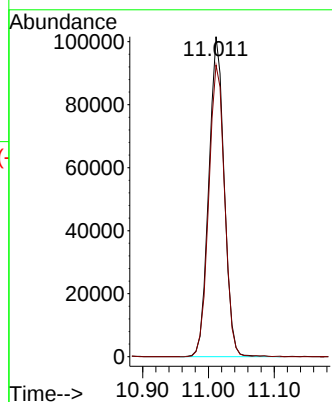
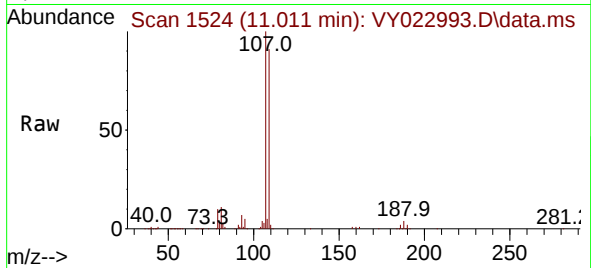




#61
1,2-Dibromoethane
Concen: 48.362 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

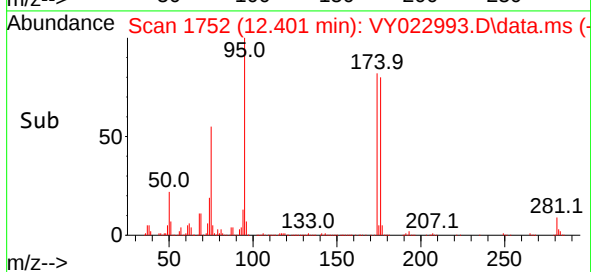
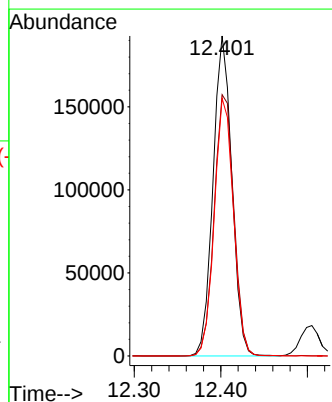
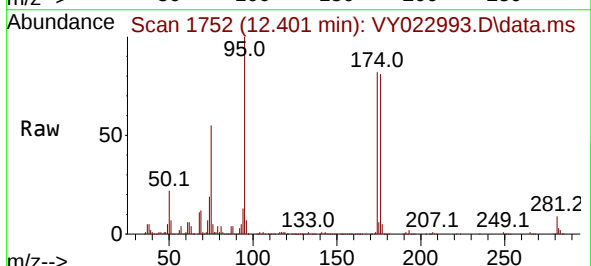
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

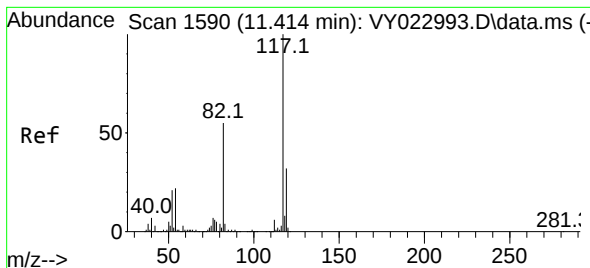
Tgt Ion:107 Resp: 165428
Ion Ratio Lower Upper
107 100
109 93.9 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 46.597 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 95 Resp: 291196
Ion Ratio Lower Upper
95 100
174 85.4 0.0 170.8
176 81.8 0.0 163.6

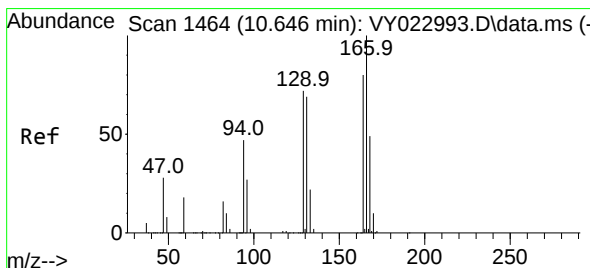
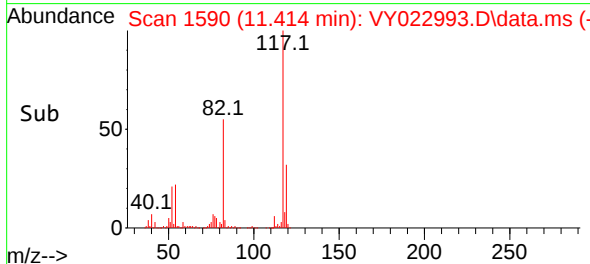
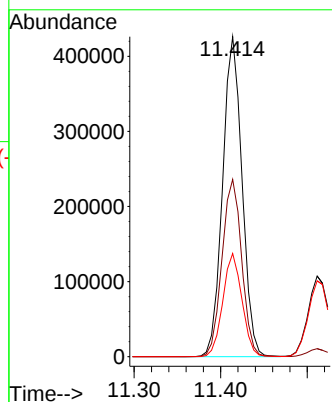
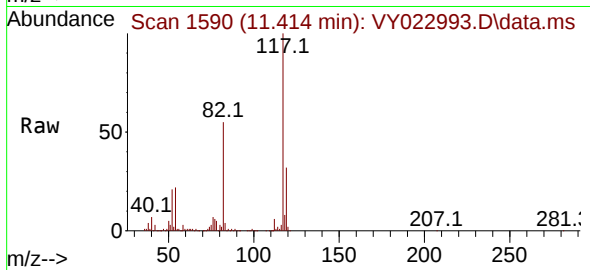




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

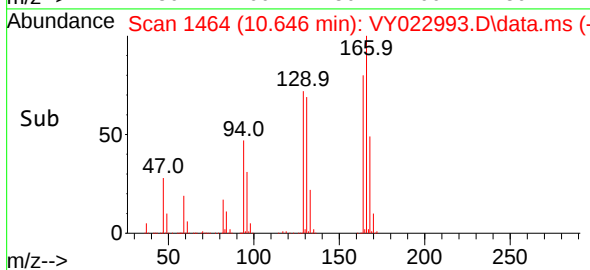
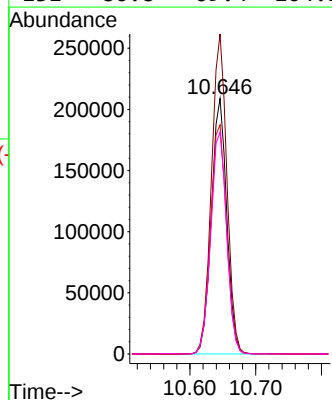
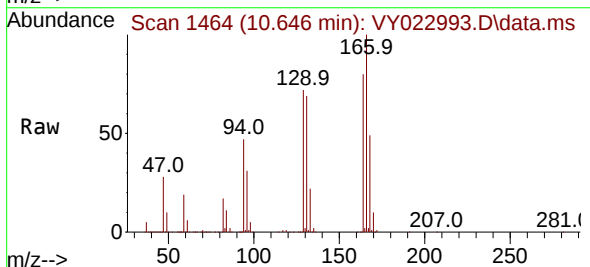
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

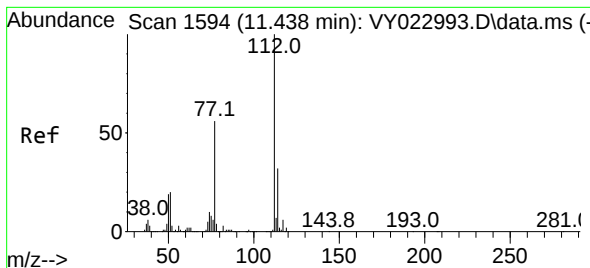
Tgt Ion:117 Resp: 664286
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 50.177 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion:164 Resp: 340698
Ion Ratio Lower Upper
164 100
166 125.2 100.2 150.2
129 89.6 71.7 107.5
131 86.8 69.4 104.2

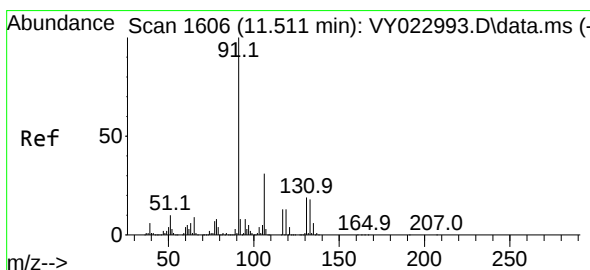
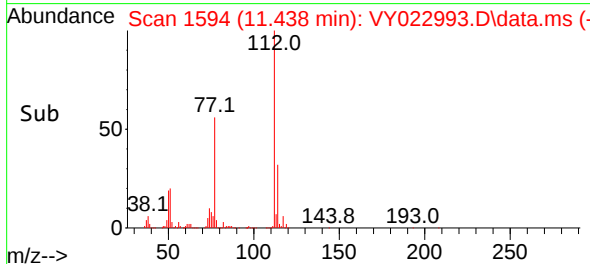
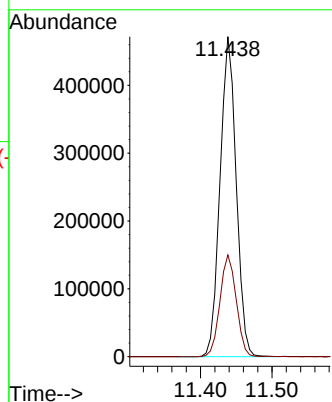
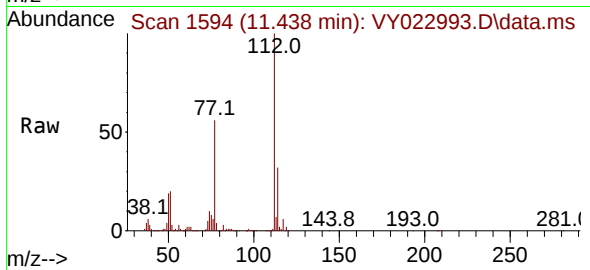




#65
Chlorobenzene
Concen: 47.205 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

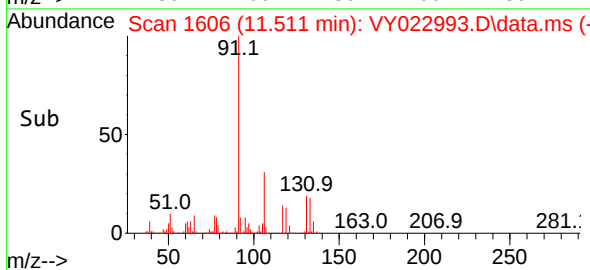
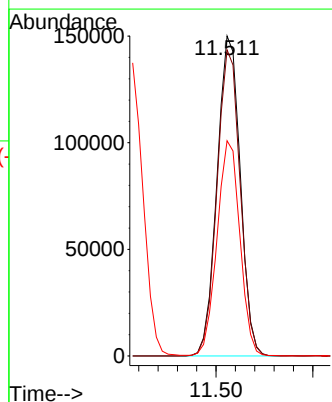
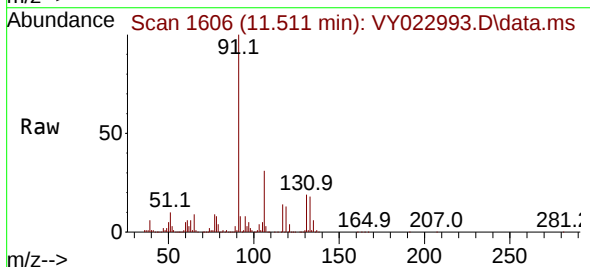
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

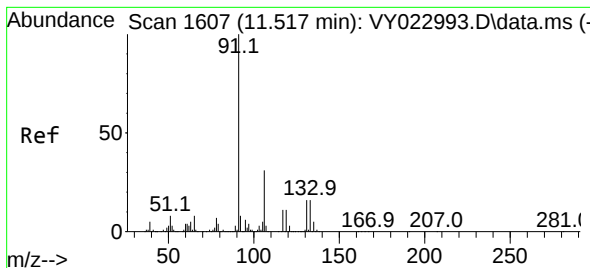
Tgt Ion:112 Resp: 739951
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.683 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion:131 Resp: 249587
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 66.5 33.3 99.8

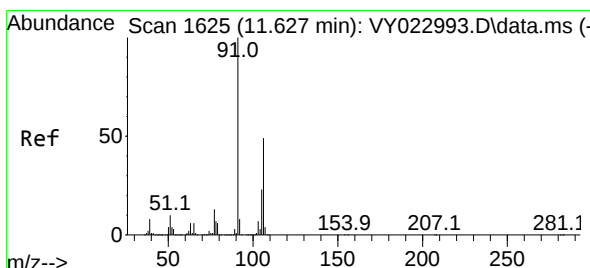
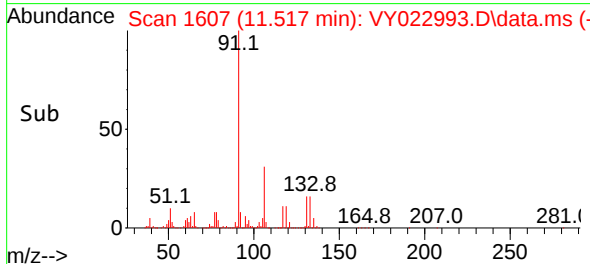
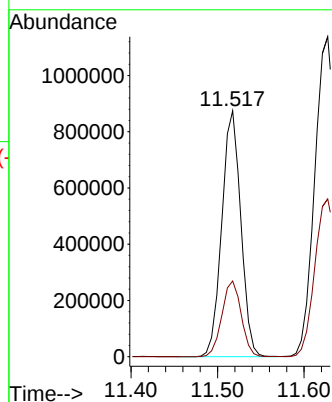
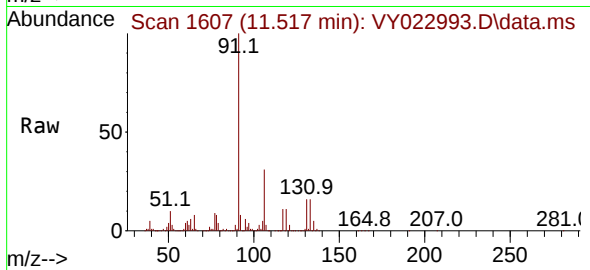




#67
Ethyl Benzene
Concen: 47.990 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

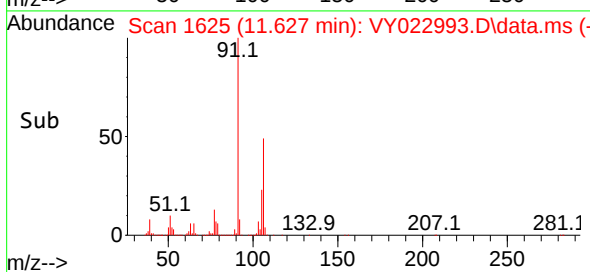
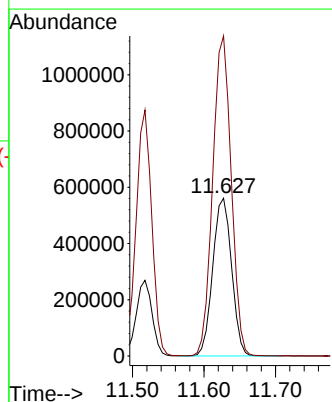
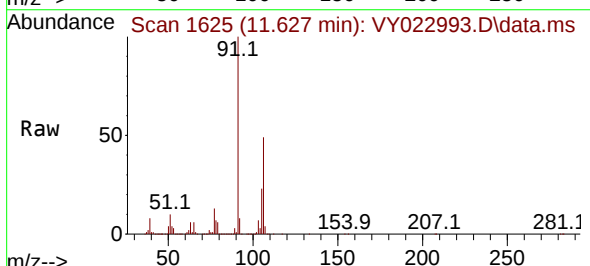
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

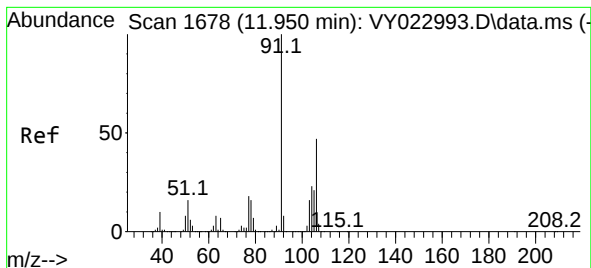
Tgt Ion: 91 Resp: 1333383
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 96.245 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion:106 Resp: 1025693
Ion Ratio Lower Upper
106 100
91 199.8 159.8 239.8

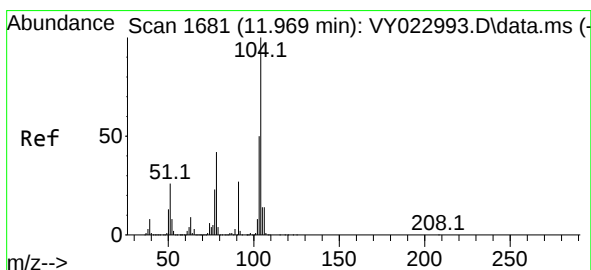
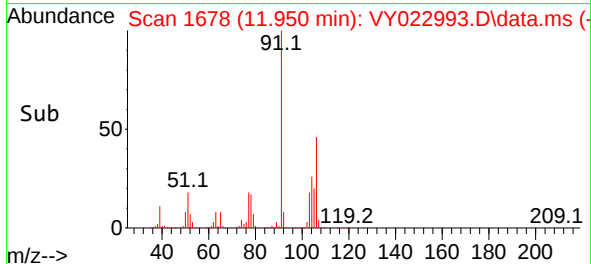
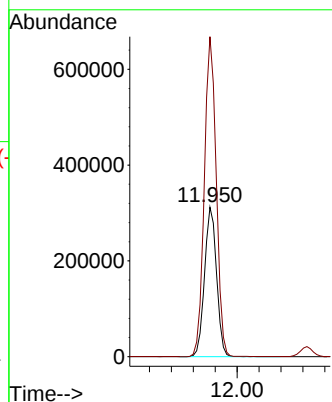
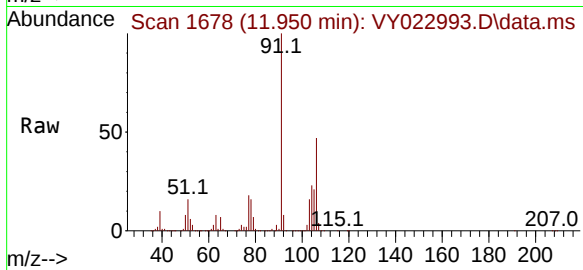




#69
o-Xylene
Concen: 47.893 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

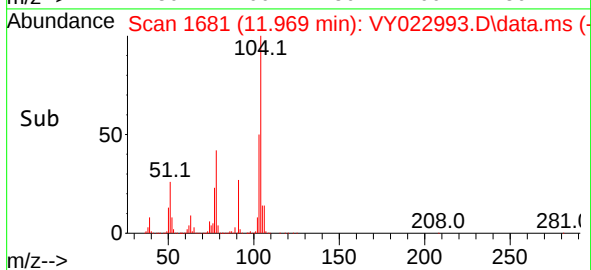
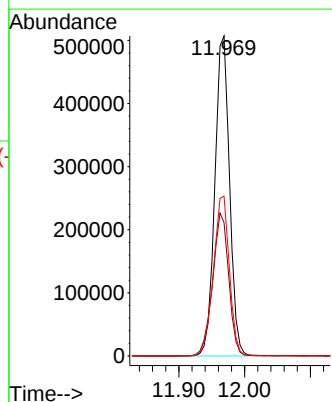
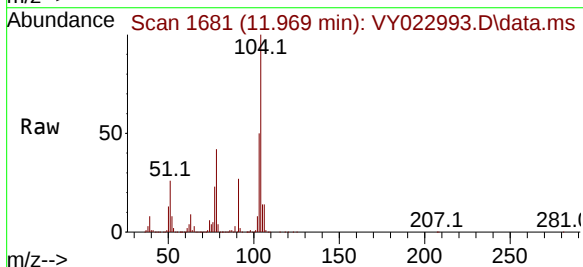
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

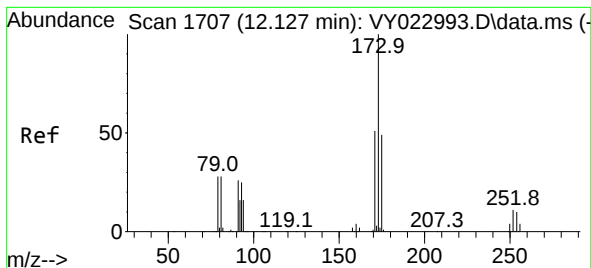
Tgt Ion:106 Resp: 473669
Ion Ratio Lower Upper
106 100
91 212.5 106.3 318.8



#70
Styrene
Concen: 48.697 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion:104 Resp: 788910
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 54.6 43.7 65.5





#71

Bromoform

Concen: 47.377 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

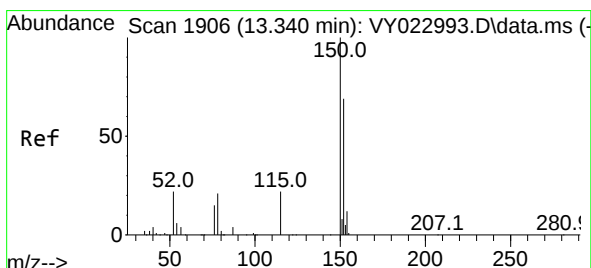
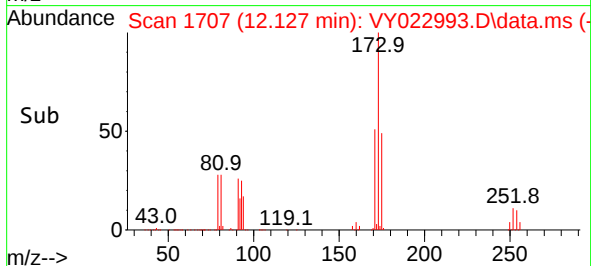
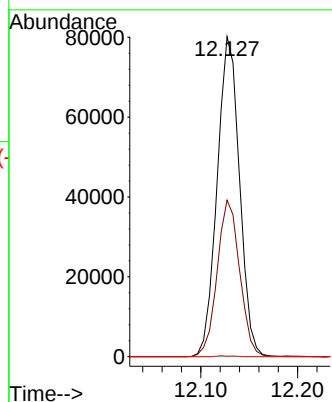
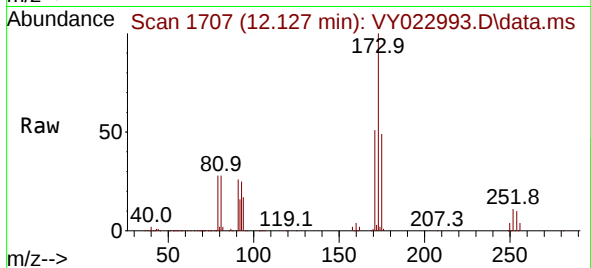
Tgt Ion:173 Resp: 128589

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

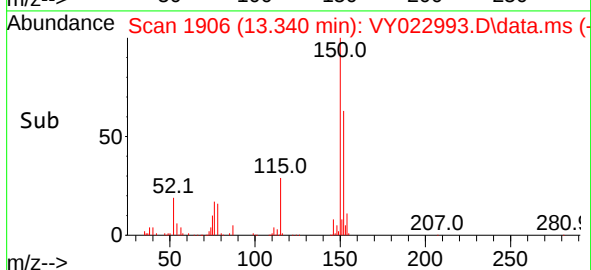
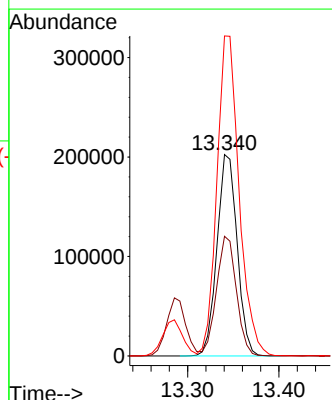
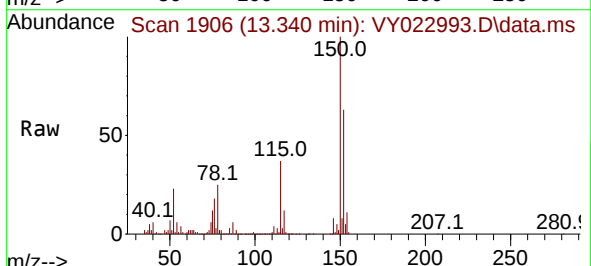
Tgt Ion:152 Resp: 311329

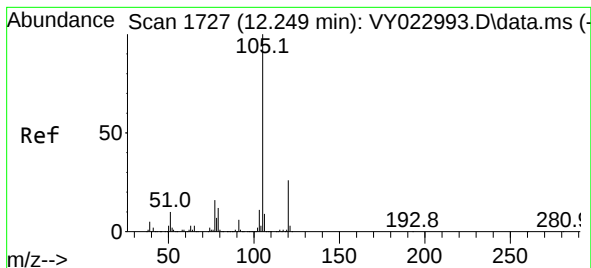
Ion Ratio Lower Upper

152 100

115 58.8 29.4 88.2

150 175.0 0.0 350.0





#73

Isopropylbenzene

Concen: 47.788 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

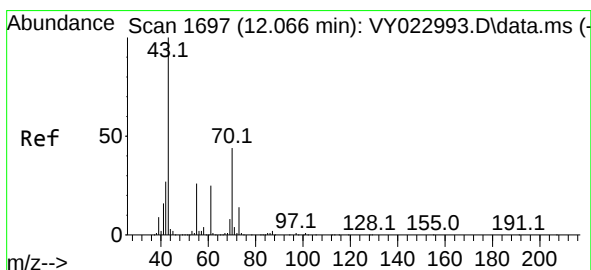
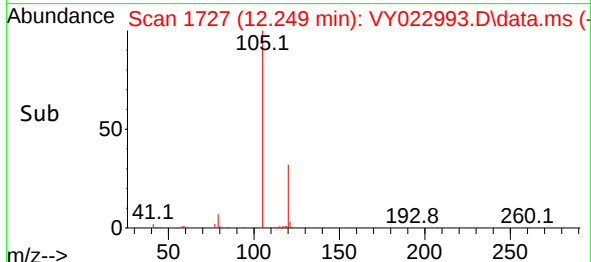
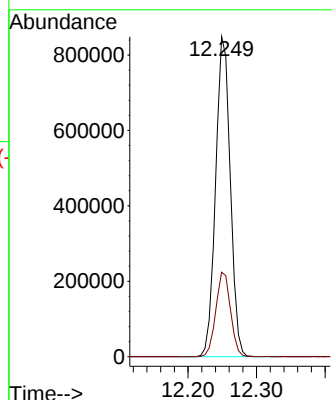
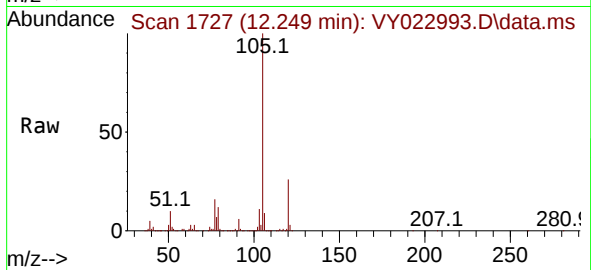
VSTDICCC050

Tgt Ion:105 Resp: 1261366

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 49.681 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Tgt Ion: 43 Resp: 247232

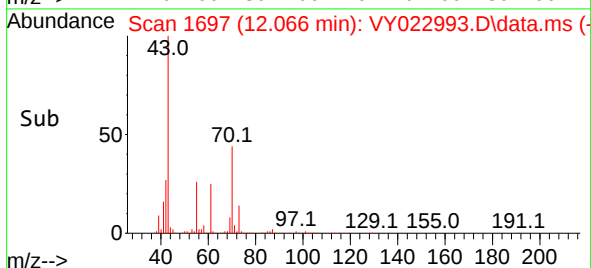
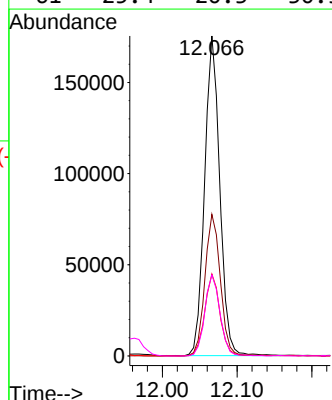
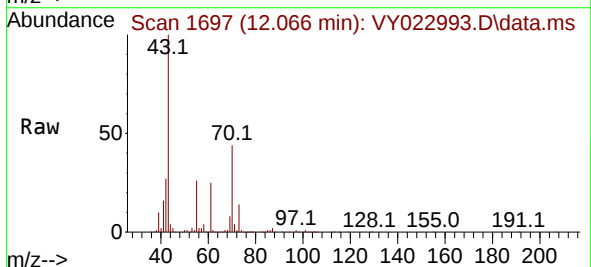
Ion Ratio Lower Upper

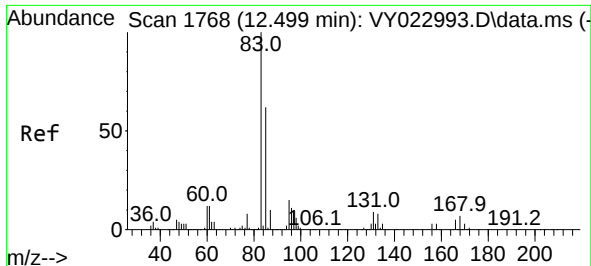
43 100

70 45.2 36.2 54.2

55 26.1 20.9 31.3

61 25.4 20.3 30.5

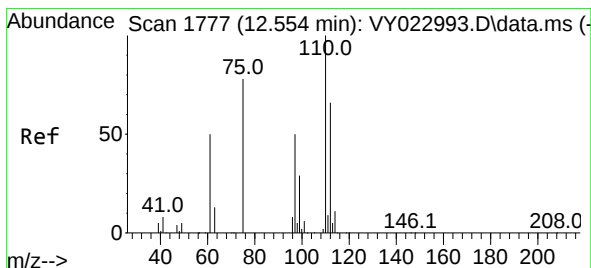
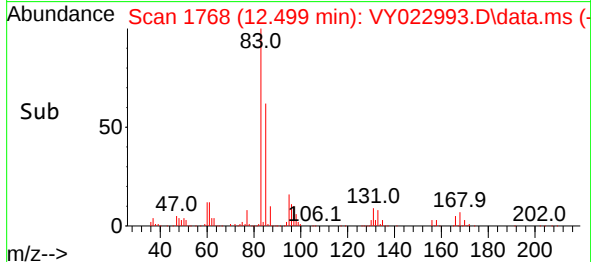
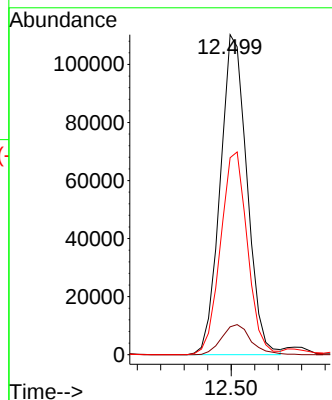
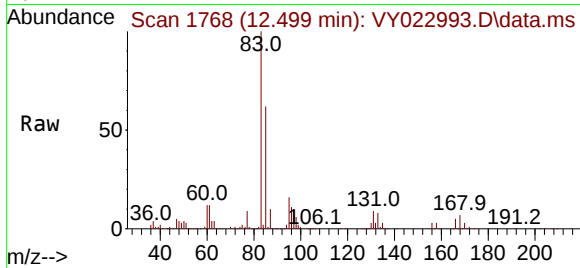




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.650 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: VY022993.D
 Acq: 18 Jul 2025 12:04

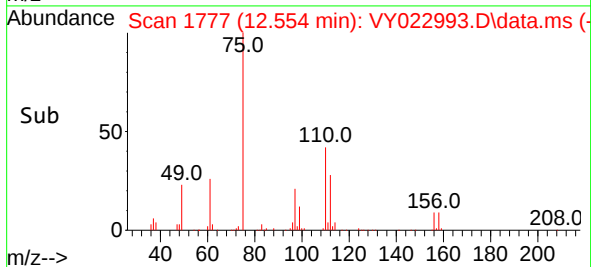
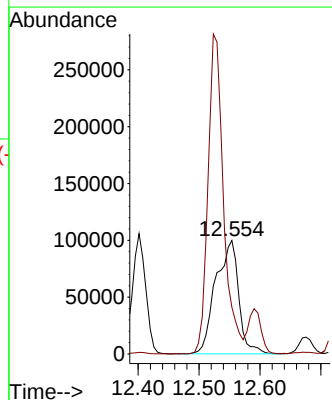
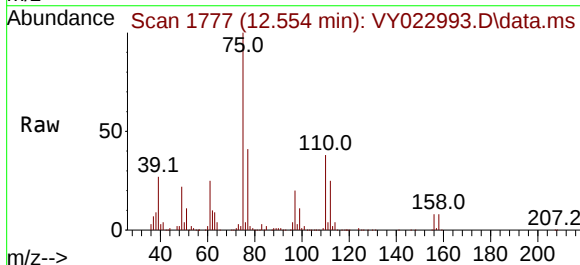
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

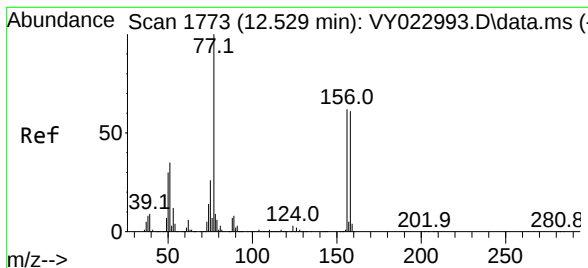
Tgt Ion: 83 Resp: 174373
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.4
 85 63.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 66.795 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022993.D
 Acq: 18 Jul 2025 12:04

Tgt Ion: 75 Resp: 261721
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.332 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

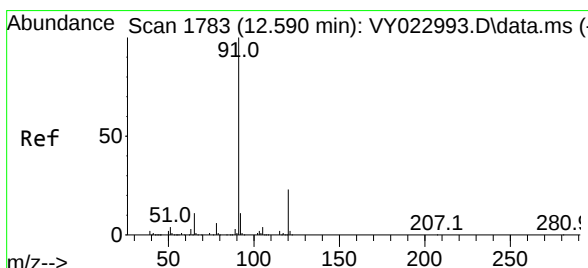
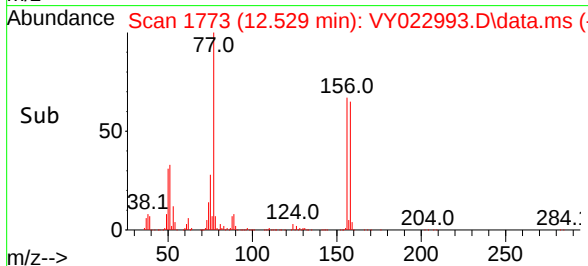
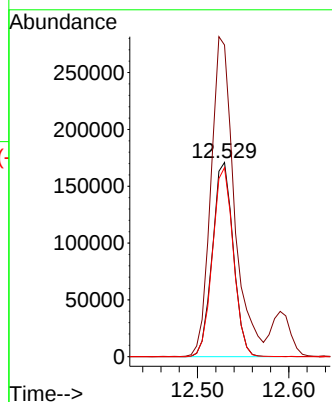
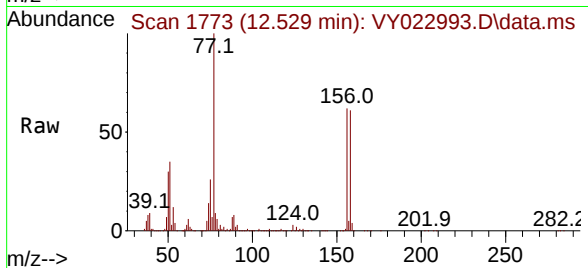
Tgt Ion:156 Resp: 270964

Ion Ratio Lower Upper

156 100

77 184.1 92.0 276.1

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 48.154 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY022993.D

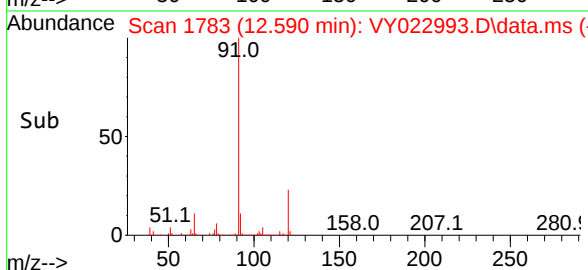
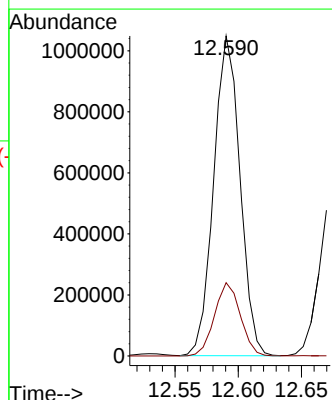
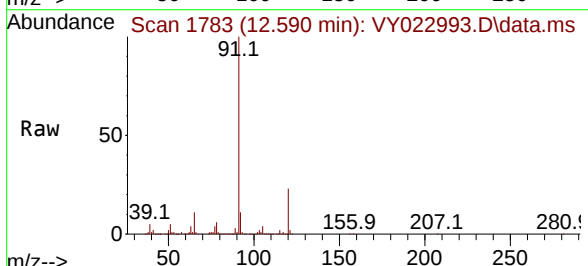
Acq: 18 Jul 2025 12:04

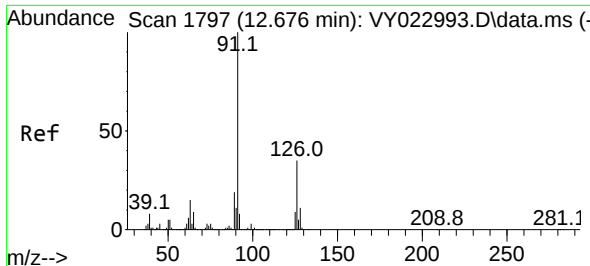
Tgt Ion: 91 Resp: 1513613

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8

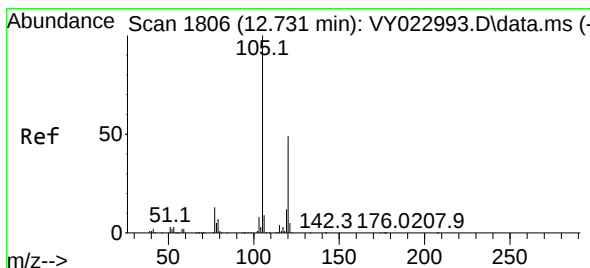
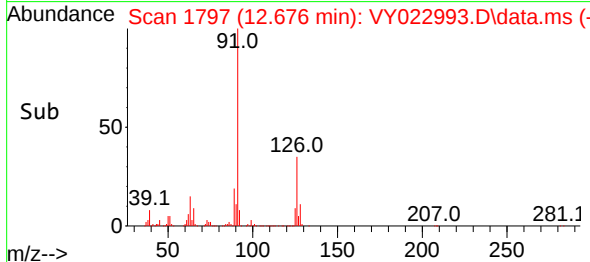
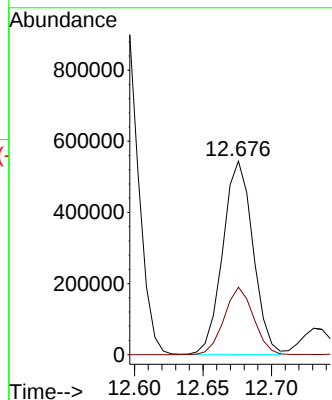
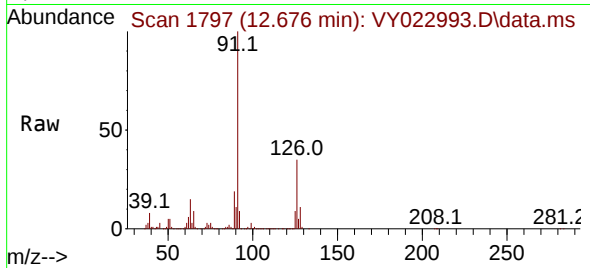




#79
2-Chlorotoluene
Concen: 47.226 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

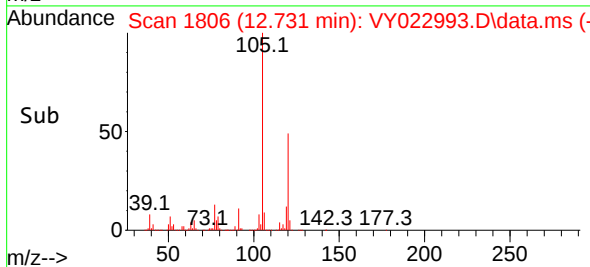
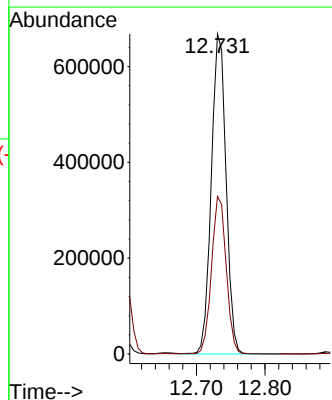
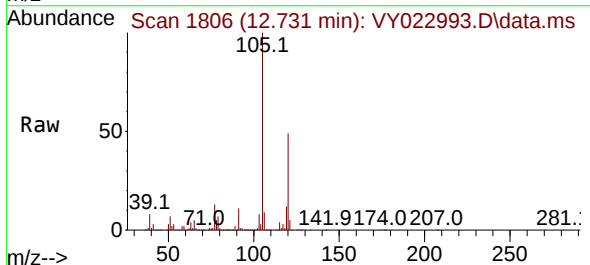
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

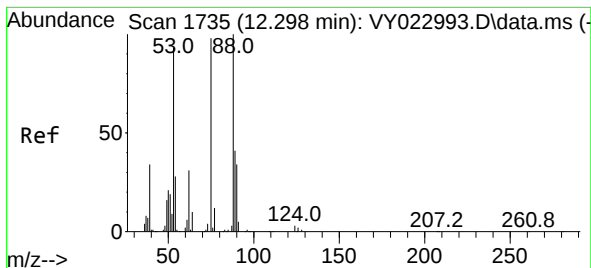
Tgt Ion: 91 Resp: 834869
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 48.002 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 105 Resp: 999303
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8

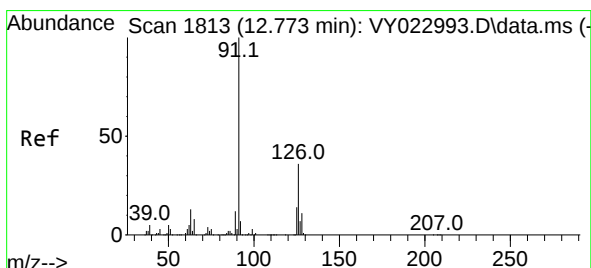
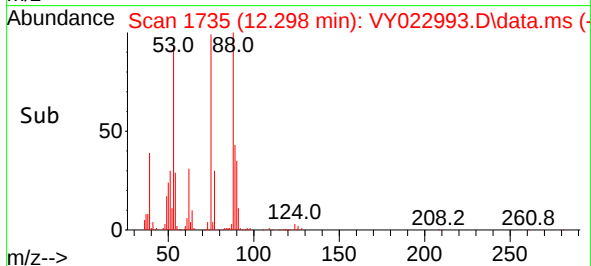
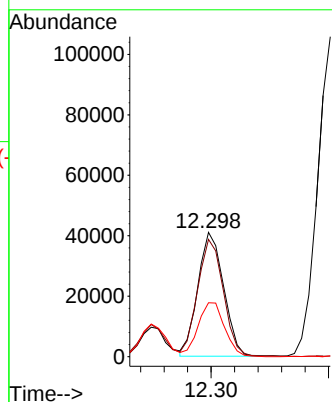
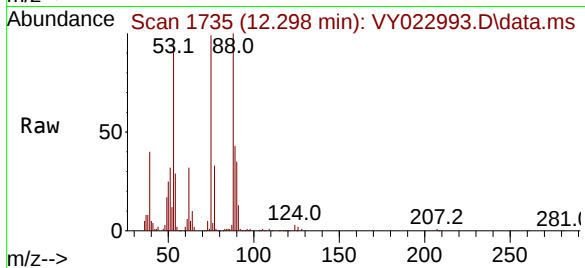




#81
trans-1,4-Dichloro-2-butene
Concen: 47.883 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

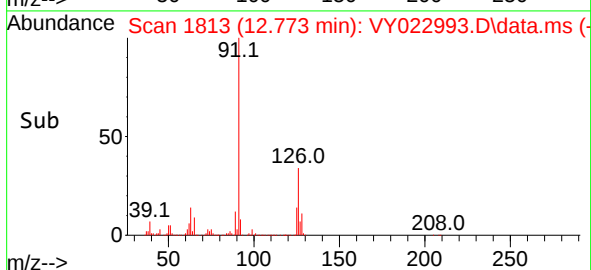
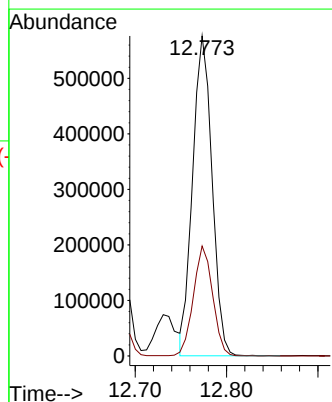
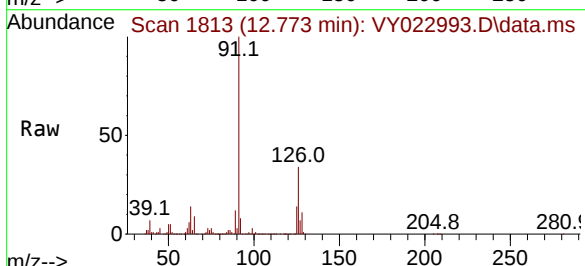
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

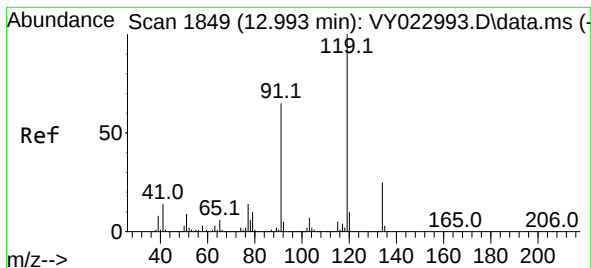
Tgt Ion: 75 Resp: 62367
Ion Ratio Lower Upper
75 100
53 95.1 76.1 114.1
89 45.1 36.1 54.1



#82
4-Chlorotoluene
Concen: 47.667 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion: 91 Resp: 849887
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5





#83

tert-Butylbenzene

Concen: 48.474 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

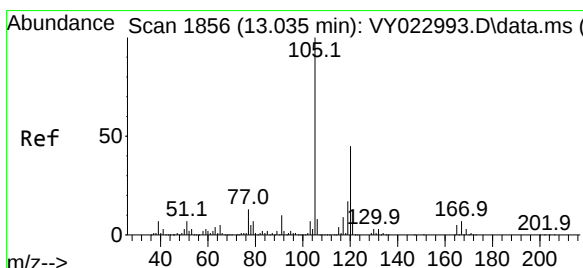
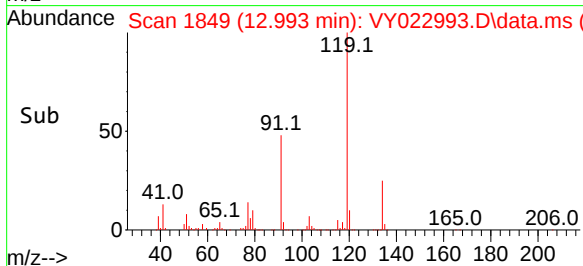
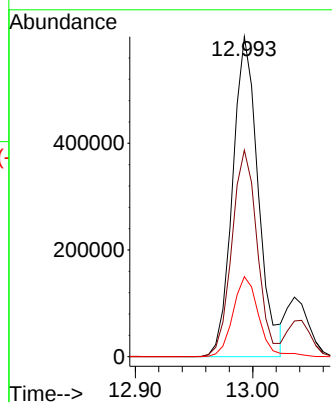
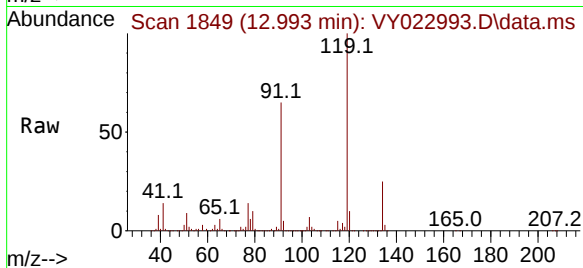
Tgt Ion:119 Resp: 911526

Ion Ratio Lower Upper

119 100

91 64.1 32.0 96.2

134 25.1 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 48.169 ug/l

RT: 13.035 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VY022993.D

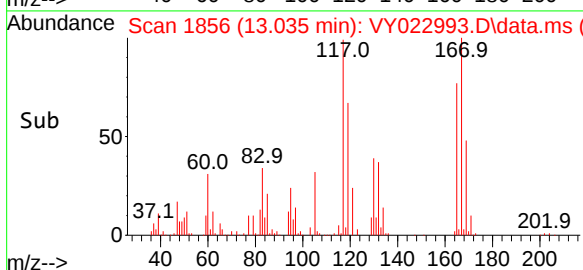
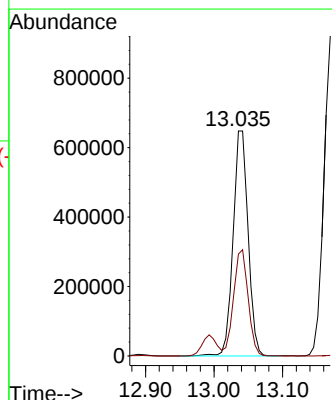
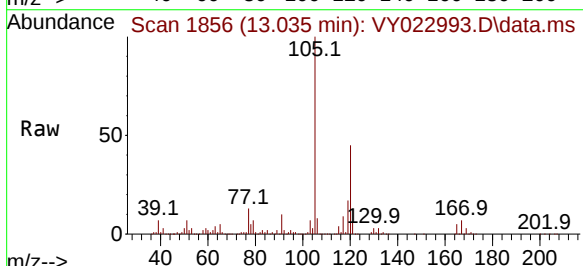
Acq: 18 Jul 2025 12:04

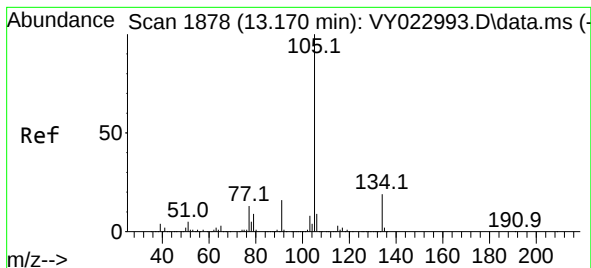
Tgt Ion:105 Resp: 987090

Ion Ratio Lower Upper

105 100

120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 47.965 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

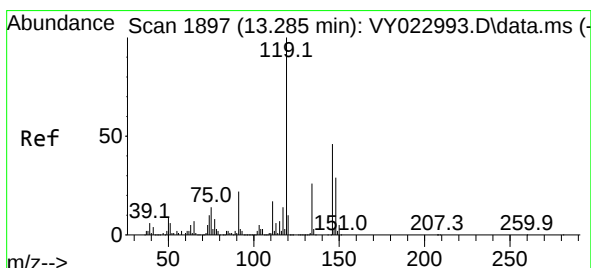
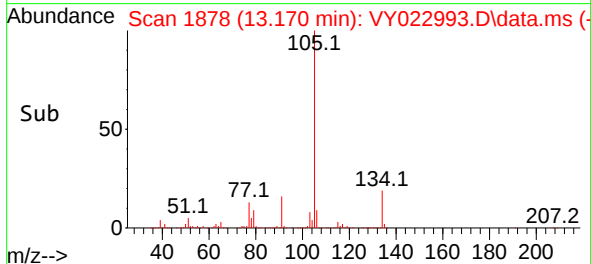
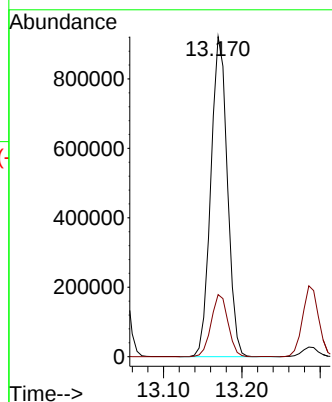
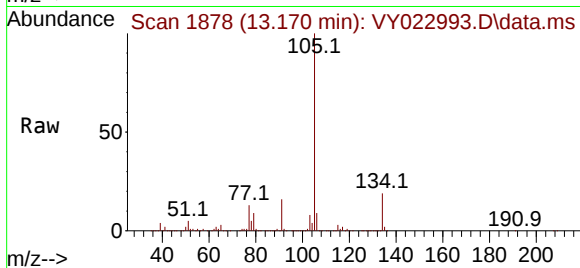
VSTDICCC050

Tgt Ion:105 Resp: 1351665

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 48.505 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

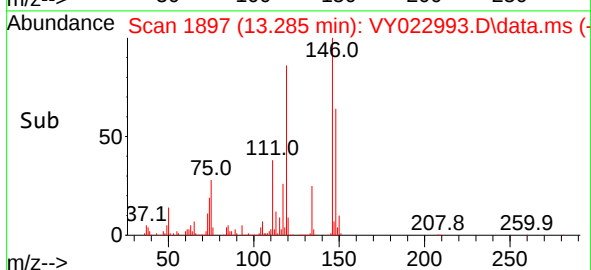
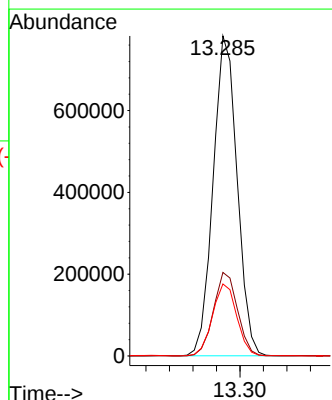
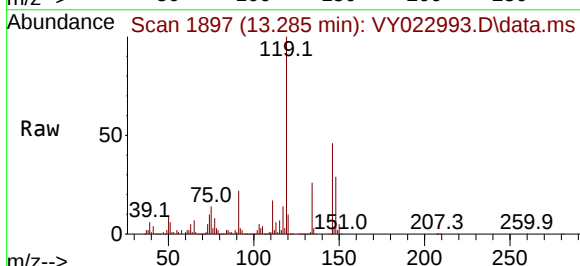
Tgt Ion:119 Resp: 1110110

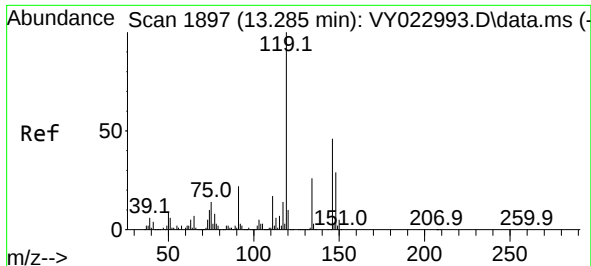
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.167 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

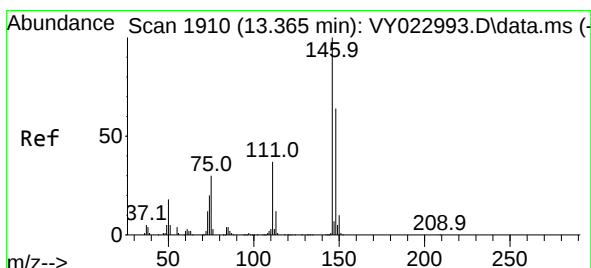
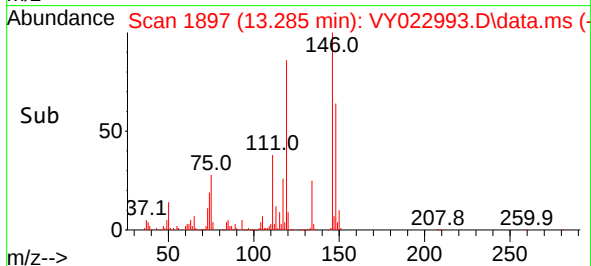
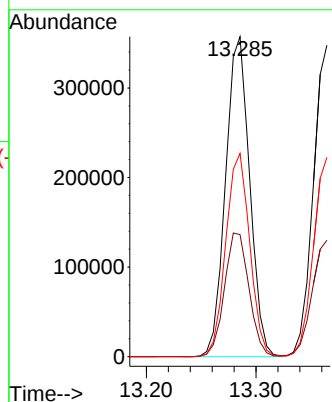
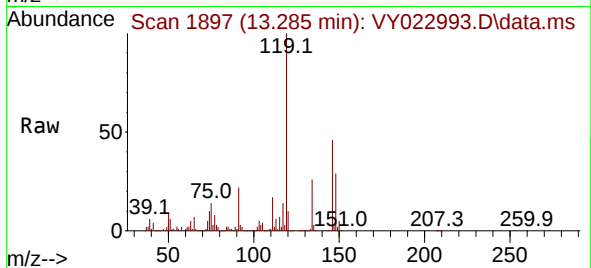
Tgt Ion:146 Resp: 544923

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.3

148 63.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 46.985 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

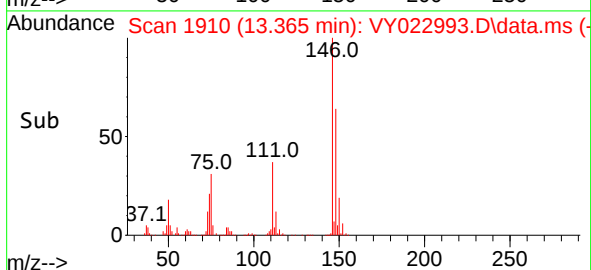
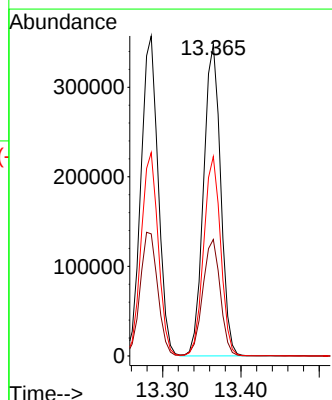
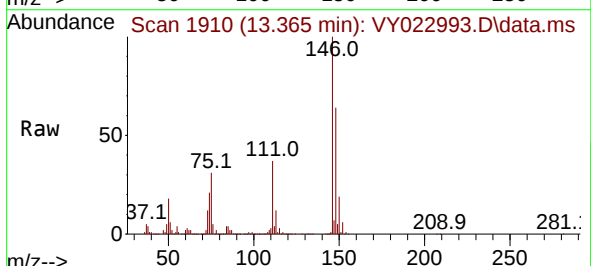
Tgt Ion:146 Resp: 525144

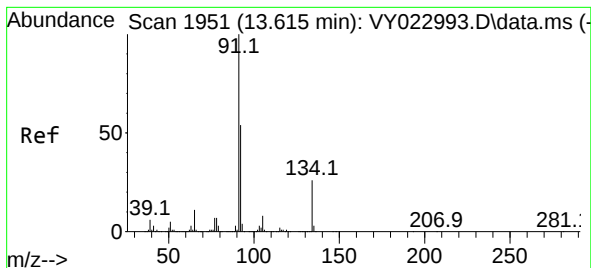
Ion Ratio Lower Upper

146 100

111 38.4 19.2 57.6

148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 48.359 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

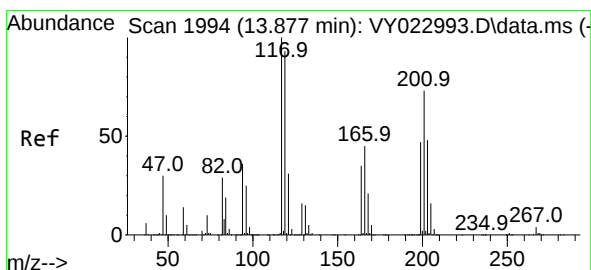
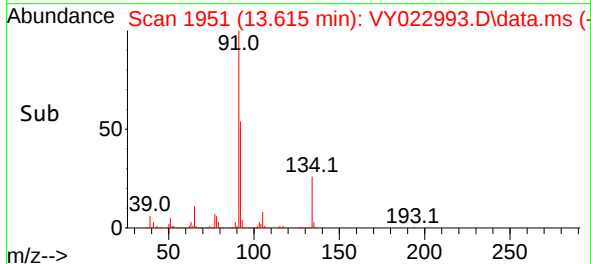
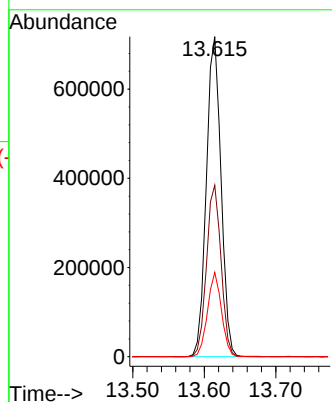
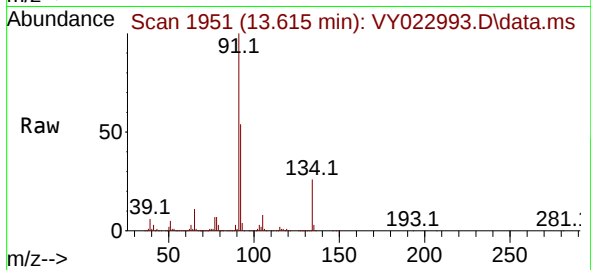
MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1021282

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	25.1	12.6	37.6



#90

Hexachloroethane

Concen: 46.822 ug/l

RT: 13.877 min Scan# 1994

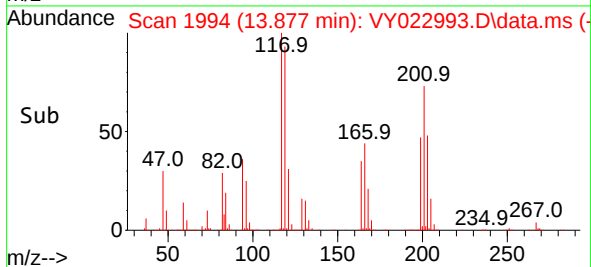
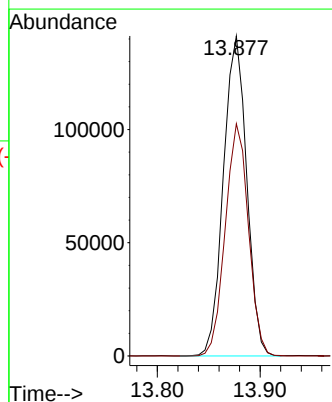
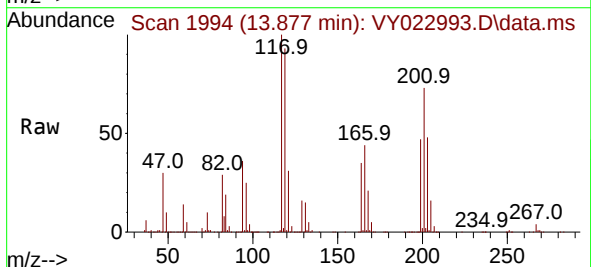
Delta R.T. 0.000 min

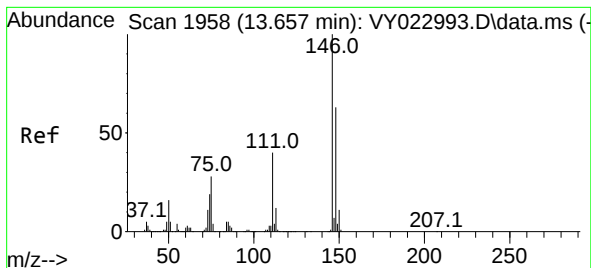
Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Tgt Ion: 117 Resp: 221864

Ion	Ratio	Lower	Upper
117	100		
201	72.3	36.1	108.5





#91

1,2-Dichlorobenzene

Concen: 47.229 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

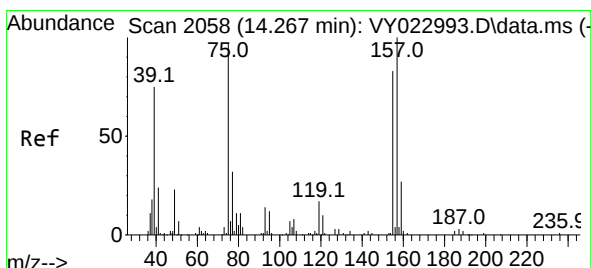
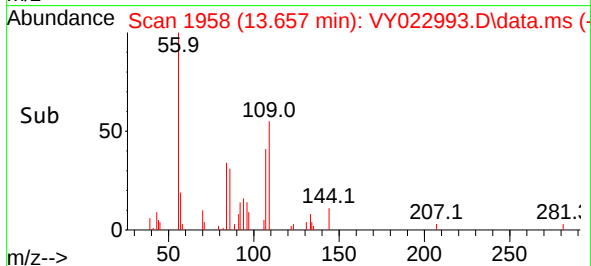
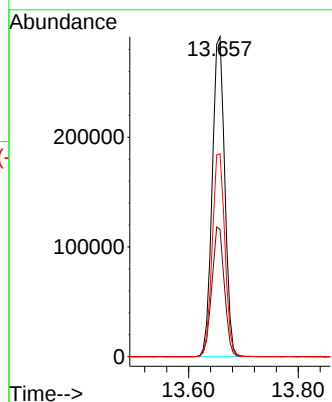
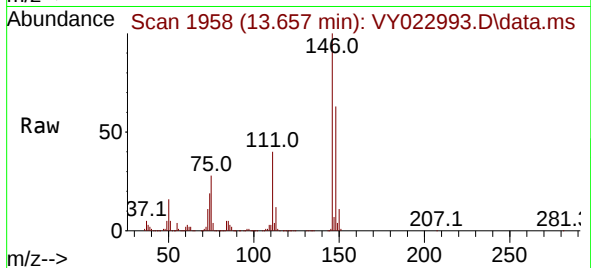
Tgt Ion:146 Resp: 460252

Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.379 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

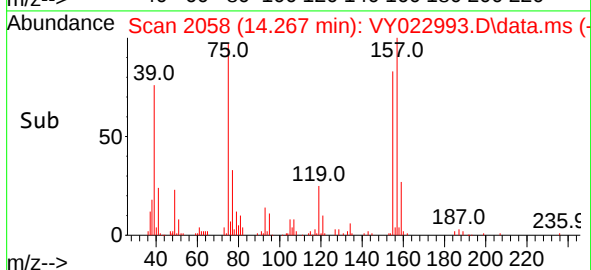
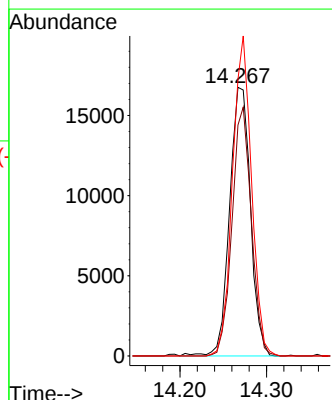
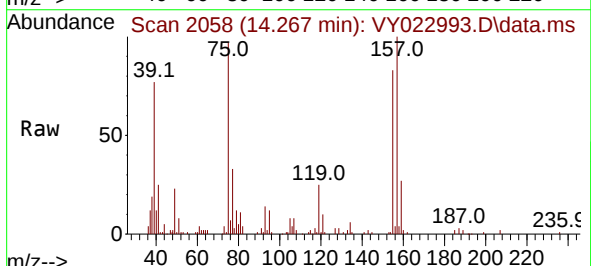
Tgt Ion: 75 Resp: 28006

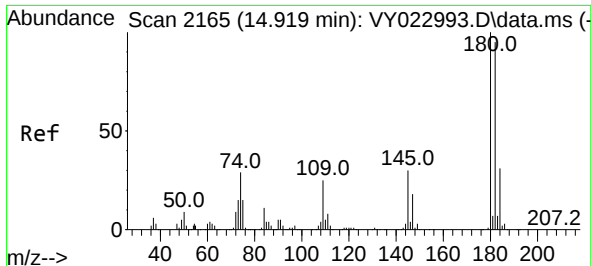
Ion Ratio Lower Upper

75 100

155 85.5 42.8 128.3

157 108.6 54.3 162.9

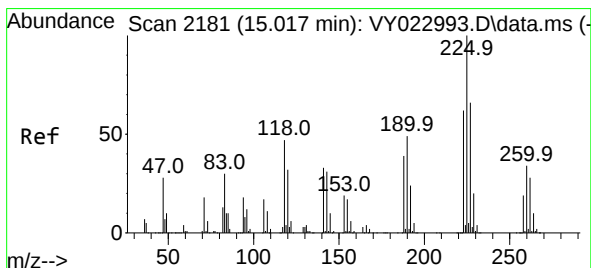
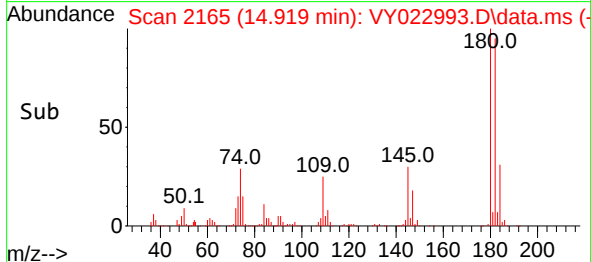
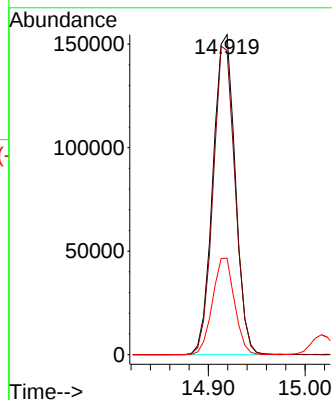
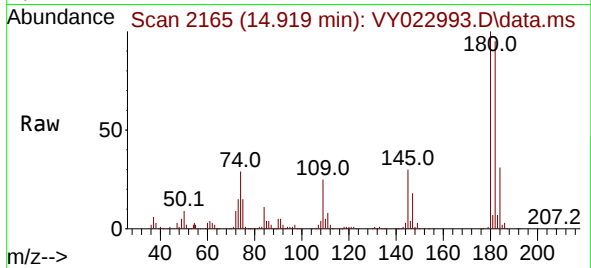




#93
1,2,4-Trichlorobenzene
Concen: 48.140 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

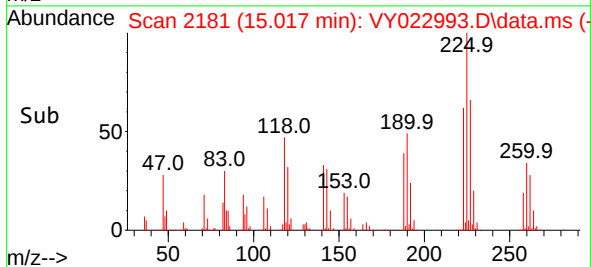
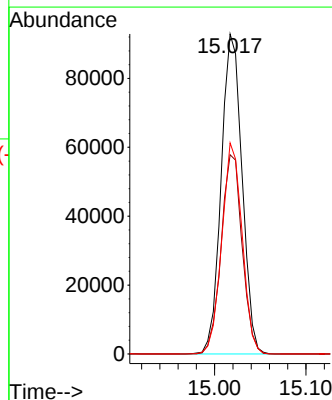
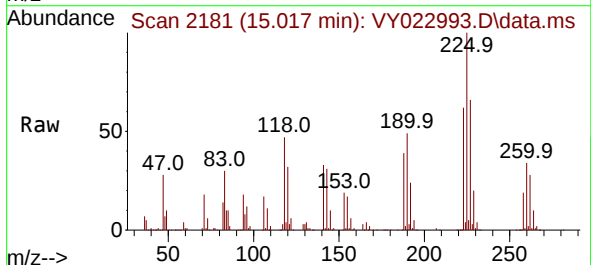
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

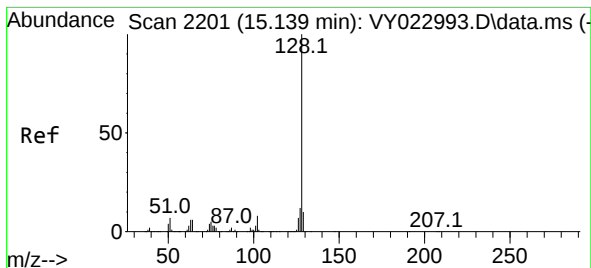
Tgt Ion:180 Resp: 247288
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 29.9 14.9 44.9



#94
Hexachlorobutadiene
Concen: 45.479 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY022993.D
Acq: 18 Jul 2025 12:04

Tgt Ion:225 Resp: 147284
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.0
227 64.3 32.1 96.5





#95

Naphthalene

Concen: 52.172 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

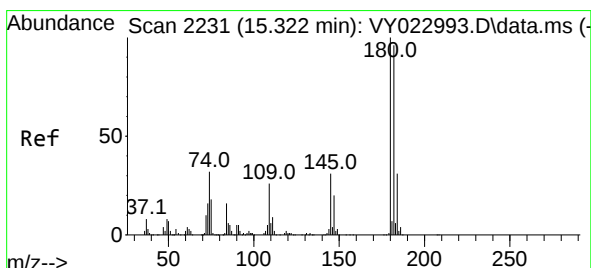
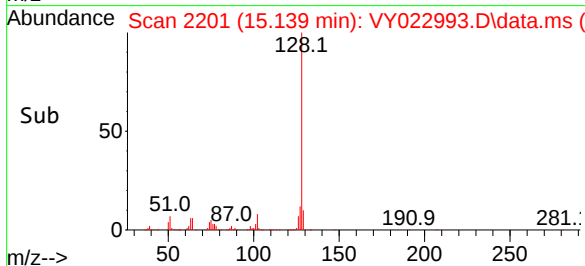
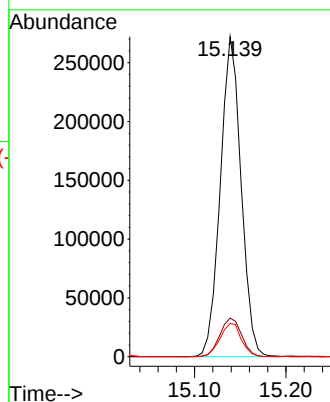
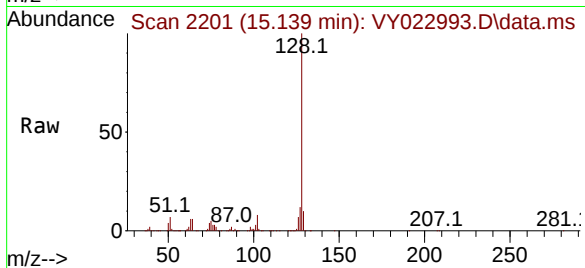
Tgt Ion:128 Resp: 429845

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.224 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY022993.D

Acq: 18 Jul 2025 12:04

Tgt Ion:180 Resp: 208782

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 31.6 15.8 47.4

