

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
 Data File : VY022929.D
 Acq On : 03 Jul 2025 09:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 04 03:14:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	402903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	653588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	556811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	273118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	221711	49.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.600%
35) Dibromofluoromethane	7.634	113	207893	52.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.600%
50) Toluene-d8	10.109	98	822398	52.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.402	95	256743	50.636	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	159301	46.238	ug/l	99
3) Chloromethane	2.068	50	343620	52.232	ug/l	100
4) Vinyl Chloride	2.202	62	403476	49.090	ug/l	99
5) Bromomethane	2.592	94	315366	48.807	ug/l	99
6) Chloroethane	2.733	64	283645	51.340	ug/l	95
7) Trichlorofluoromethane	3.050	101	447854	49.210	ug/l	97
8) Diethyl Ether	3.452	74	109892	48.889	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	209821	50.449	ug/l	98
10) Methyl Iodide	4.007	142	264145	58.333	ug/l	100
11) Tert butyl alcohol	4.891	59	62549	209.190	ug/l #	88
12) 1,1-Dichloroethene	3.787	96	201123	49.317	ug/l	98
13) Acrolein	3.653	56	45546	112.333	ug/l	100
14) Allyl chloride	4.385	41	329895	52.592	ug/l	93
15) Acrylonitrile	5.061	53	236140	251.792	ug/l	99
16) Acetone	3.879	43	244955	288.206	ug/l	96
17) Carbon Disulfide	4.104	76	644897	48.950	ug/l	100
18) Methyl Acetate	4.385	43	123302	43.806	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	543984	48.988	ug/l	100
20) Methylene Chloride	4.616	84	248906	46.373	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	230748	49.507	ug/l	95
22) Diisopropyl ether	6.019	45	737022	52.907	ug/l	96
23) Vinyl Acetate	5.958	43	2032484	264.179	ug/l	99
24) 1,1-Dichloroethane	5.915	63	437401	51.983	ug/l	99
25) 2-Butanone	6.896	43	318896	257.796	ug/l	98
26) 2,2-Dichloropropane	6.884	77	380952	54.010	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	271426	50.116	ug/l	98
28) Bromochloromethane	7.244	49	191848	54.233	ug/l	99
29) Tetrahydrofuran	7.262	42	192259	246.138	ug/l	99
30) Chloroform	7.421	83	437061	50.431	ug/l	93
31) Cyclohexane	7.701	56	388020	50.237	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	382460	51.068	ug/l	99
36) 1,1-Dichloropropene	7.835	75	319955	53.106	ug/l	100
37) Ethyl Acetate	6.988	43	137965	53.067	ug/l	98
38) Carbon Tetrachloride	7.817	117	334137	52.562	ug/l	97
39) Methylcyclohexane	9.110	83	417671	53.570	ug/l	99
40) Benzene	8.079	78	983034	53.069	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	79058	49.395	ug/l	97
42) 1,2-Dichloroethane	8.158	62	266580	52.518	ug/l	97
43) Isopropyl Acetate	8.195	43	278215	51.489	ug/l	99
44) Trichloroethene	8.866	130	242347	52.109	ug/l	95
45) 1,2-Dichloropropane	9.140	63	231313	53.355	ug/l	95
46) Dibromomethane	9.231	93	124676	50.659	ug/l	98
47) Bromodichloromethane	9.420	83	331843	52.290	ug/l	96
48) Methyl methacrylate	9.219	41	132085	50.849	ug/l	94
49) 1,4-Dioxane	9.238	88	26705	918.445	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	730249	265.945	ug/l	97
52) Toluene	10.170	92	619081	52.975	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	300582	52.642	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	348697	52.668	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	163959	51.449	ug/l	98
56) Ethyl methacrylate	10.439	69	220750	51.487	ug/l	96
57) 1,3-Dichloropropane	10.719	76	288129	51.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	564852	250.621	ug/l	100
59) 2-Hexanone	10.762	43	503372	269.637	ug/l	99
60) Dibromochloromethane	10.908	129	208619	50.681	ug/l	100
61) 1,2-Dibromoethane	11.012	107	150877	50.594	ug/l	96
64) Tetrachloroethene	10.646	164	287771	54.707	ug/l	98
65) Chlorobenzene	11.444	112	651961	53.287	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	218147	52.642	ug/l	99
67) Ethyl Benzene	11.518	91	1185364	55.142	ug/l	99
68) m/p-Xylenes	11.627	106	904993	108.907	ug/l	97
69) o-Xylene	11.957	106	419143	53.531	ug/l	99
70) Styrene	11.969	104	711124	54.220	ug/l	99
71) Bromoform	12.133	173	115339	49.986	ug/l #	99
73) Isopropylbenzene	12.255	105	1111224	55.014	ug/l	100
74) N-amyl acetate	12.072	43	247051	54.490	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	162805	50.011	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	247829	88.882	ug/l #	100
77) Bromobenzene	12.530	156	237250	51.820	ug/l	99
78) n-propylbenzene	12.597	91	1352930	55.477	ug/l	99
79) 2-Chlorotoluene	12.682	91	749820	54.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	900336	55.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	58536	53.038	ug/l	98
82) 4-Chlorotoluene	12.774	91	779678	53.872	ug/l	100
83) tert-Butylbenzene	12.999	119	799316	55.584	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	890409	54.542	ug/l	100
85) sec-Butylbenzene	13.176	105	1195350	55.247	ug/l	99
86) p-Isopropyltoluene	13.292	119	993029	55.152	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	491888	53.495	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	471793	51.654	ug/l	99
89) n-Butylbenzene	13.615	91	940757	55.546	ug/l	100
90) Hexachloroethane	13.877	117	193122	53.852	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	412651	50.925	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25721	46.591	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	218911	47.848	ug/l	99
94) Hexachlorobutadiene	15.023	225	125810	48.629	ug/l	98
95) Naphthalene	15.145	128	386461	46.711	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	183678	46.460	ug/l	100

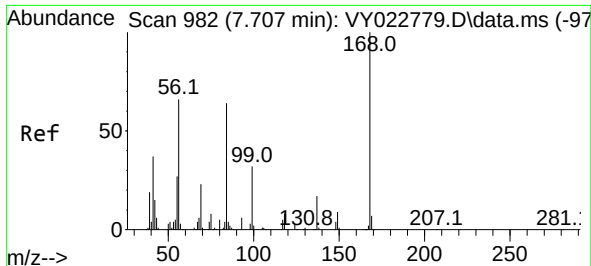
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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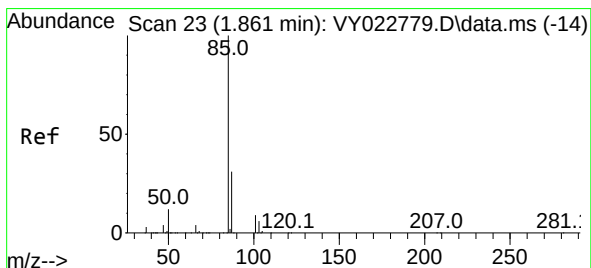
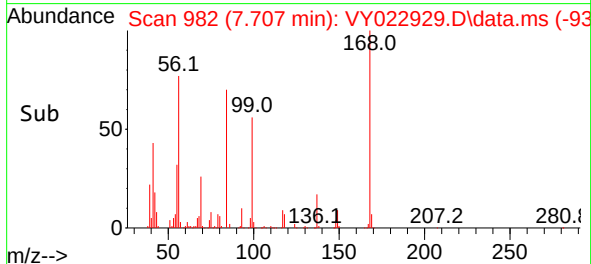
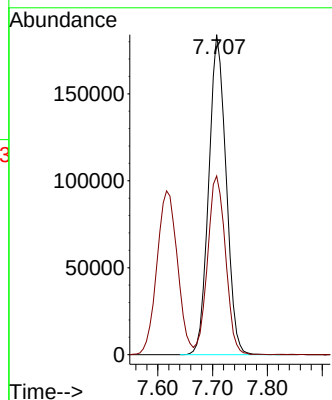
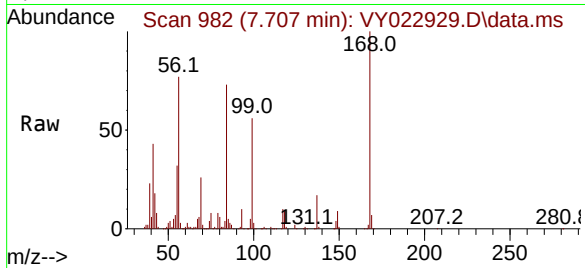
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

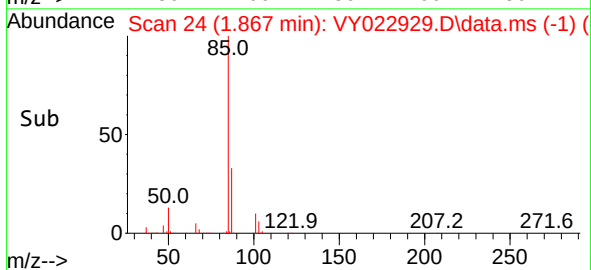
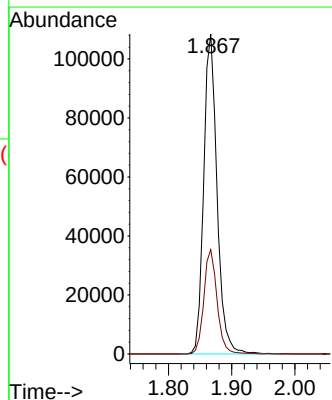
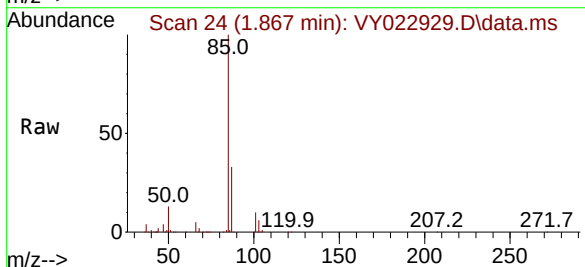
Instrument :
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VSTDCCC050

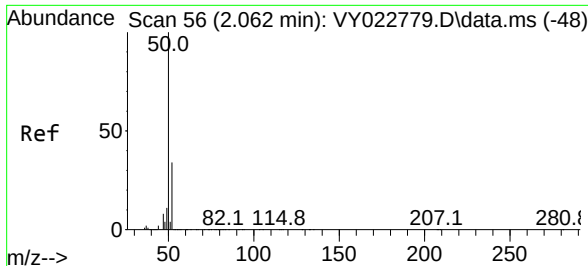
Tgt Ion:168 Resp: 402903
Ion Ratio Lower Upper
168 100
99 55.8 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 46.238 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 85 Resp: 159301
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.0

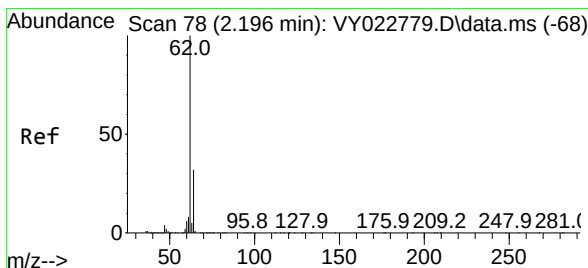
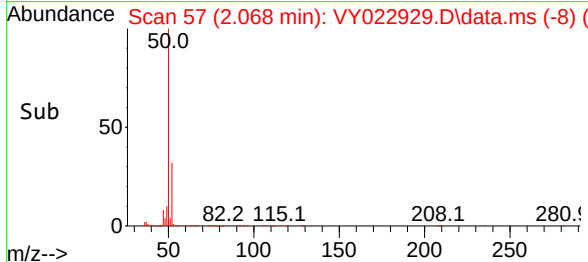
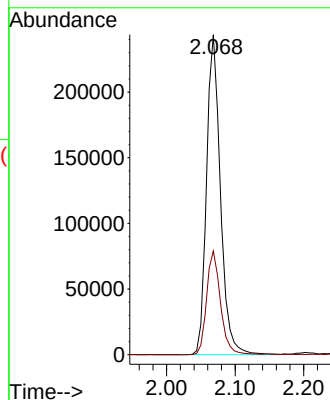
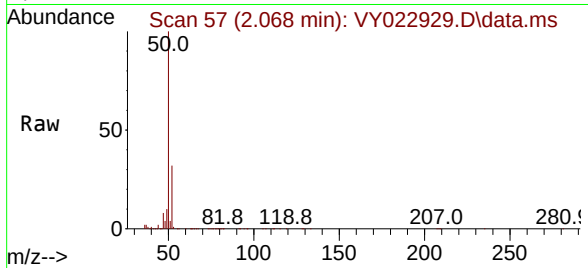




#3
Chloromethane
Concen: 52.232 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

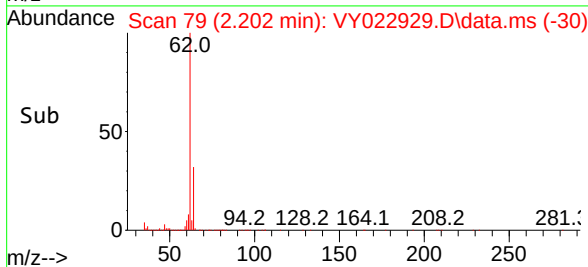
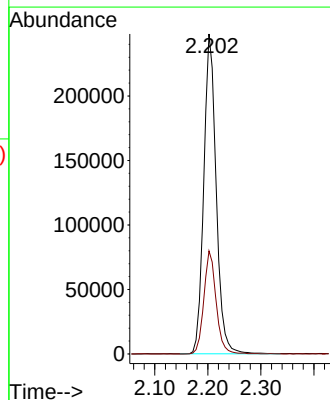
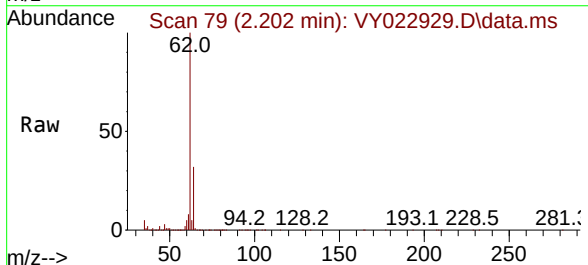
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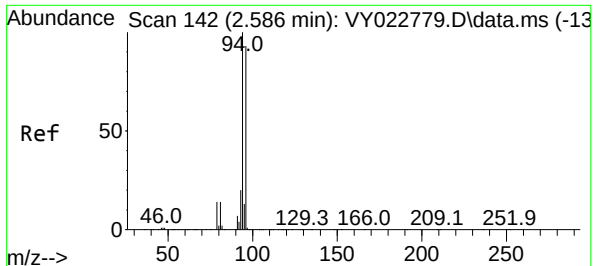
Tgt Ion: 50 Resp: 343620
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 49.090 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 62 Resp: 403476
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9

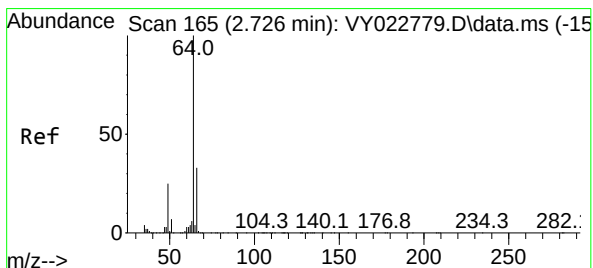
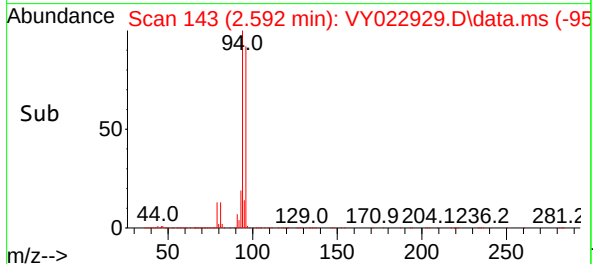
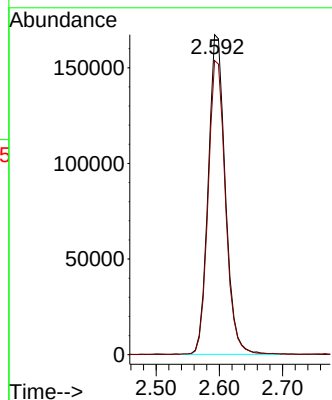
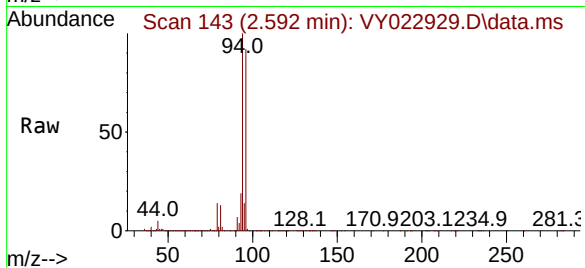




#5
Bromomethane
Concen: 48.807 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

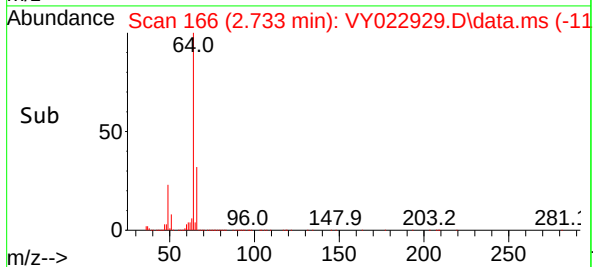
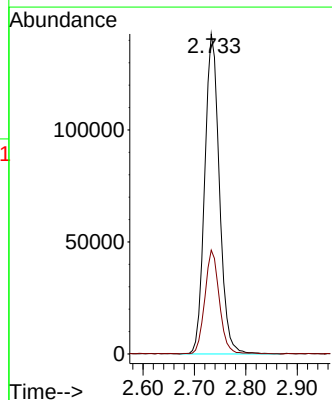
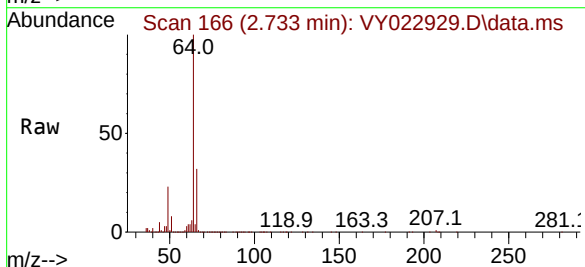
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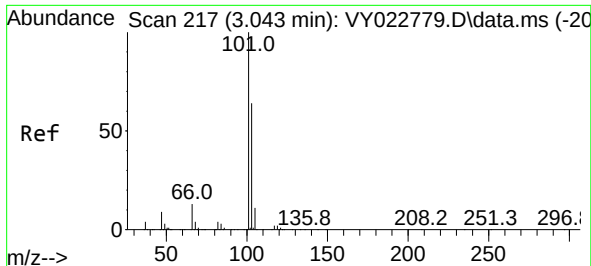
Tgt Ion: 94 Resp: 315366
Ion Ratio Lower Upper
94 100
96 91.8 74.0 111.0



#6
Chloroethane
Concen: 51.340 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 64 Resp: 283645
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.6

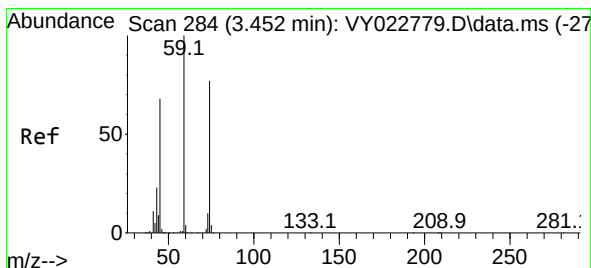
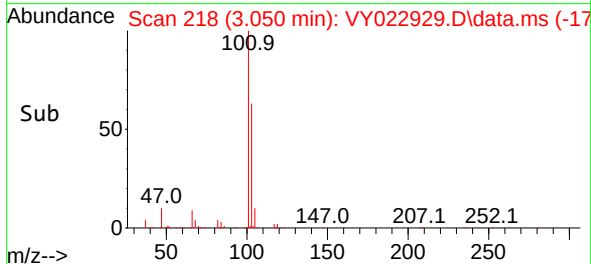
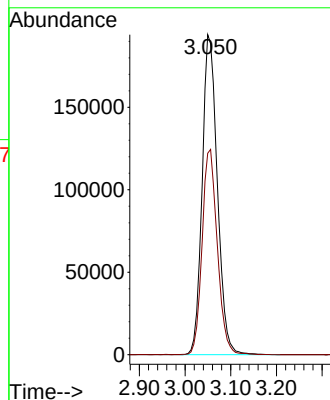
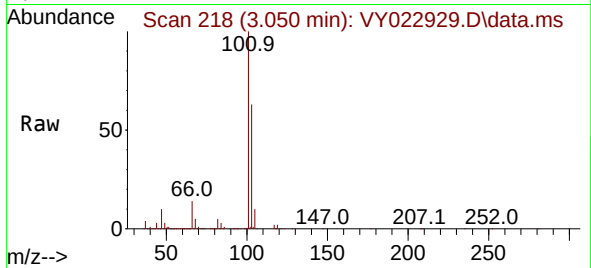




#7
 Trichlorofluoromethane
 Concen: 49.210 ug/l
 RT: 3.050 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VY022929.D
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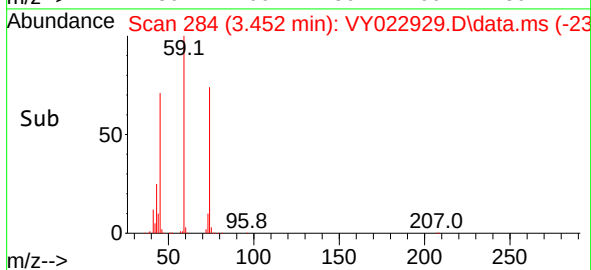
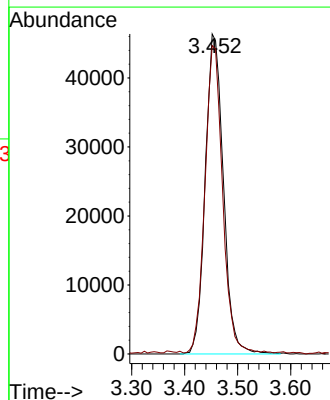
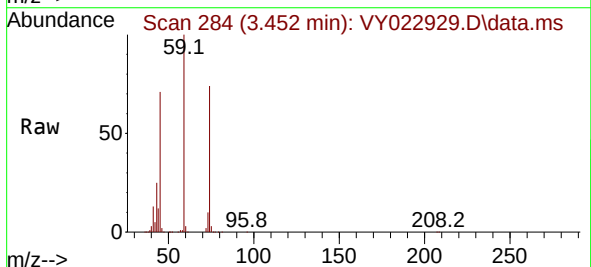
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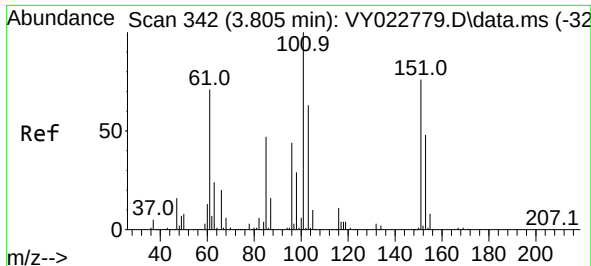
Tgt Ion:101 Resp: 447854
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.2 78.2



#8
 Diethyl Ether
 Concen: 48.889 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

Tgt Ion: 74 Resp: 109892
 Ion Ratio Lower Upper
 74 100
 45 93.4 45.9 137.6

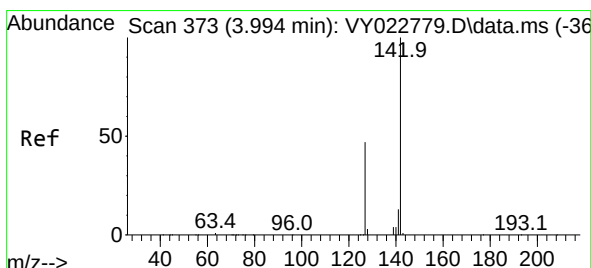
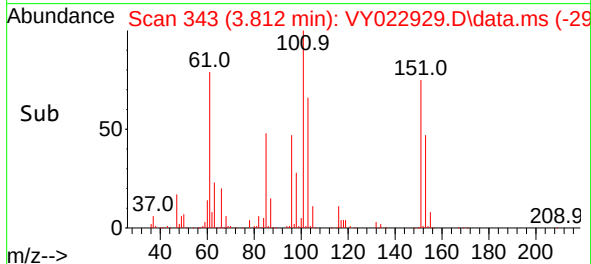
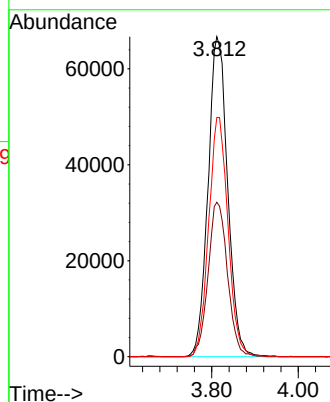
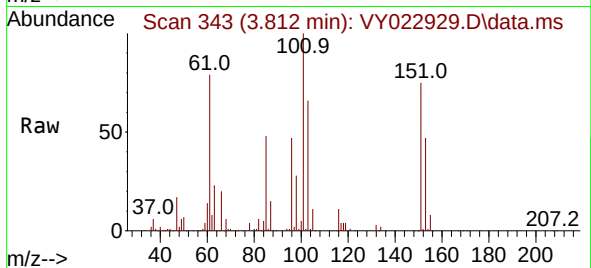




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.449 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022929.D
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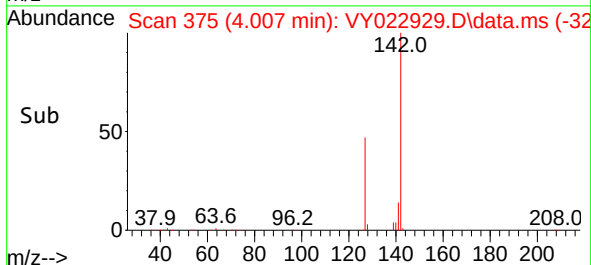
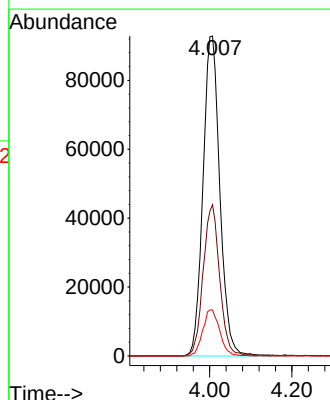
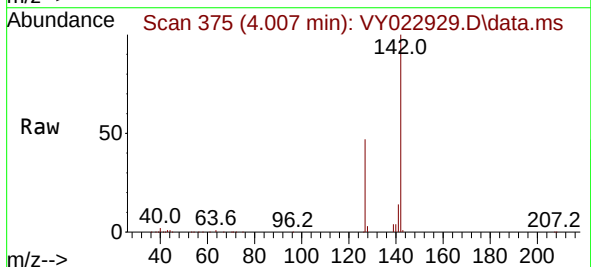
Instrument :
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ClientSampleId :
VSTDCCC050

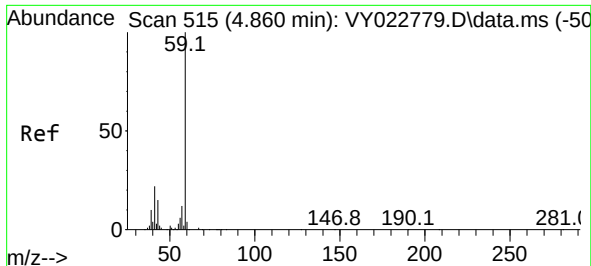
Tgt Ion:101 Resp: 209821
Ion Ratio Lower Upper
101 100
85 47.9 39.3 58.9
151 73.7 57.8 86.8



#10
Methyl Iodide
Concen: 58.333 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion:142 Resp: 264145
Ion Ratio Lower Upper
142 100
127 46.2 37.1 55.7
141 14.5 11.4 17.2

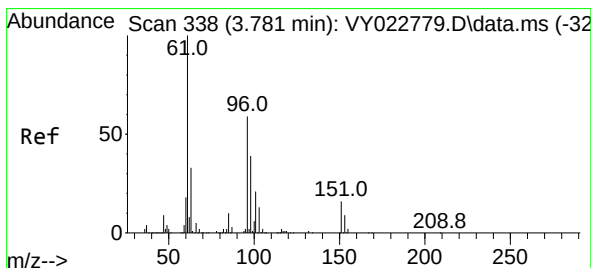
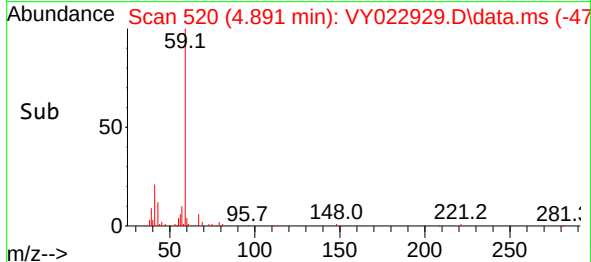
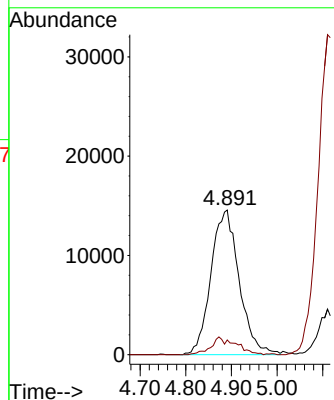
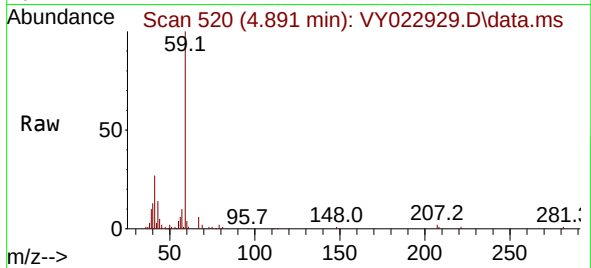




#11
Tert butyl alcohol
Concen: 209.190 ug/l
RT: 4.891 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

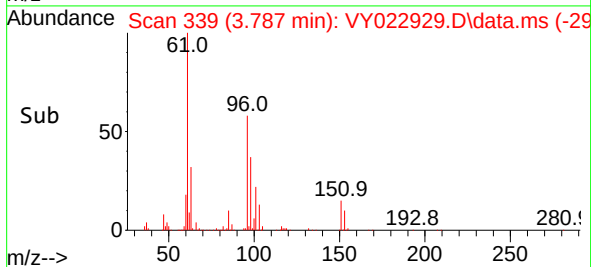
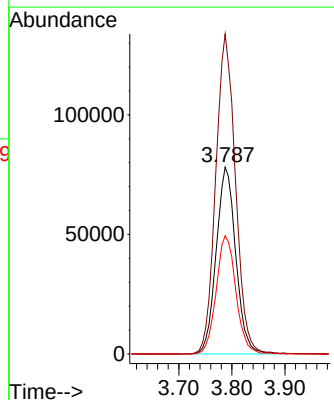
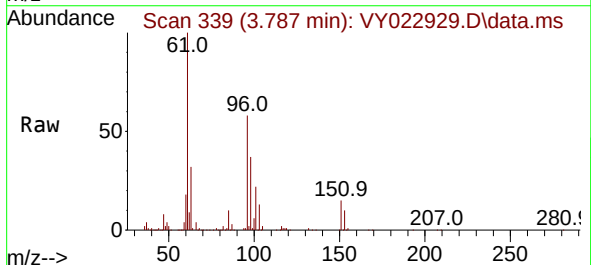
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

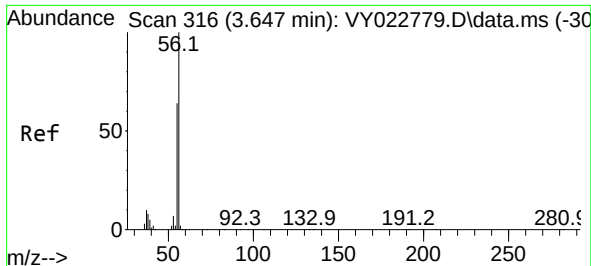
Tgt Ion: 59 Resp: 62549
Ion Ratio Lower Upper
59 100
57 5.6 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 49.317 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 96 Resp: 201123
Ion Ratio Lower Upper
96 100
61 171.2 134.6 201.8
98 63.3 50.2 75.4

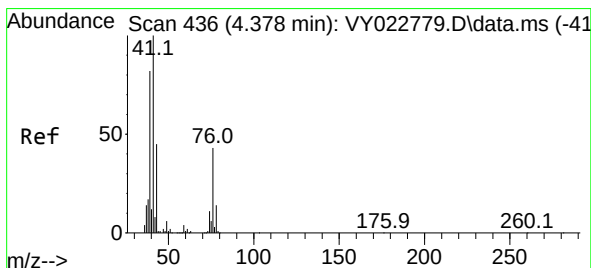
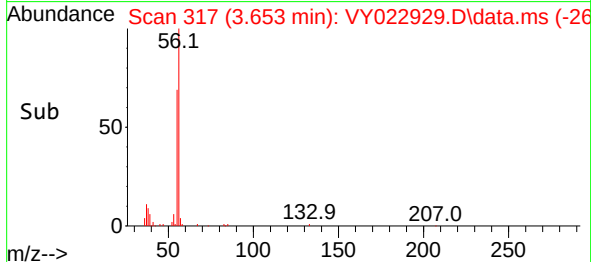
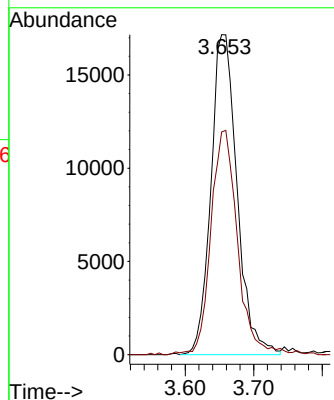
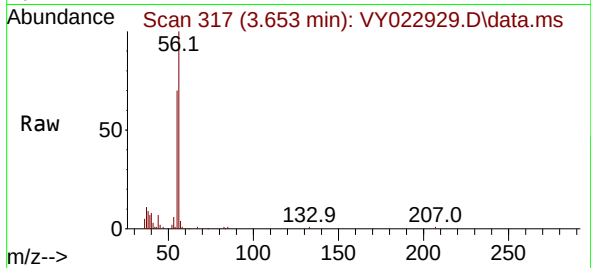




#13
Acrolein
Concen: 112.333 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

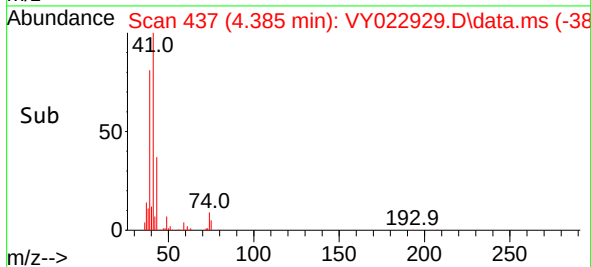
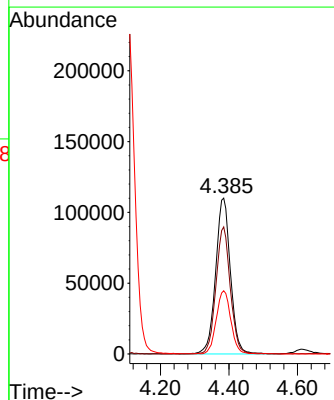
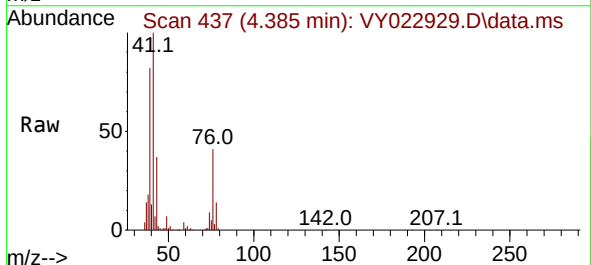
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

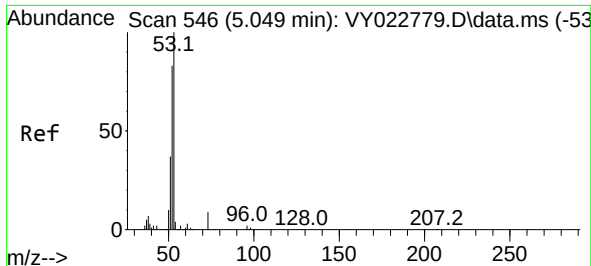
Tgt Ion: 56 Resp: 45546
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.6



#14
Allyl chloride
Concen: 52.592 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 41 Resp: 329895
Ion Ratio Lower Upper
41 100
39 78.7 69.1 103.7
76 39.6 33.5 50.3

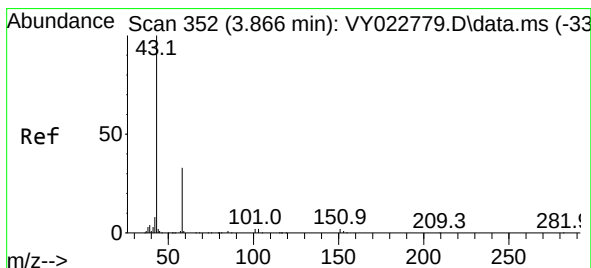
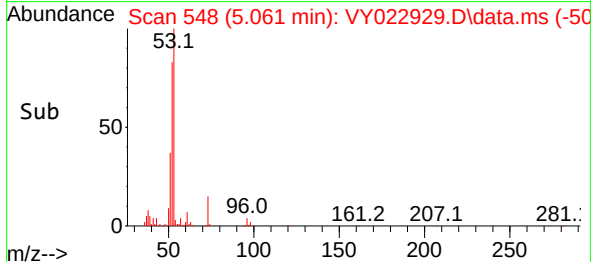
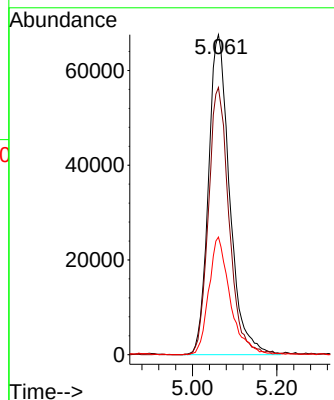
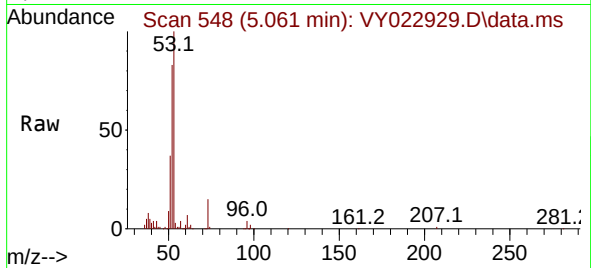




#15
Acrylonitrile
Concen: 251.792 ug/l
RT: 5.061 min Scan# 546
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

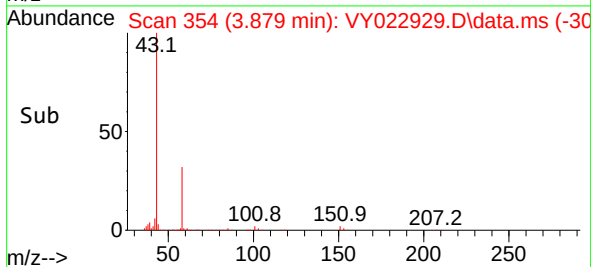
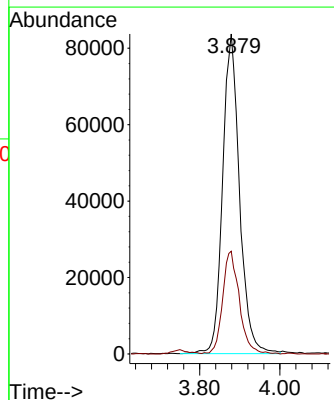
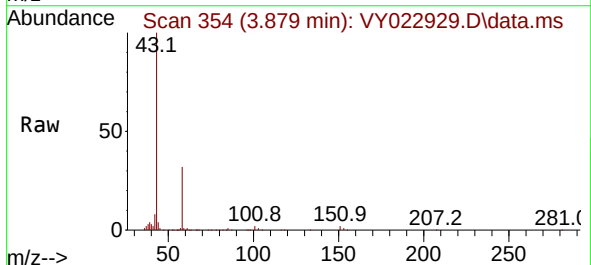
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

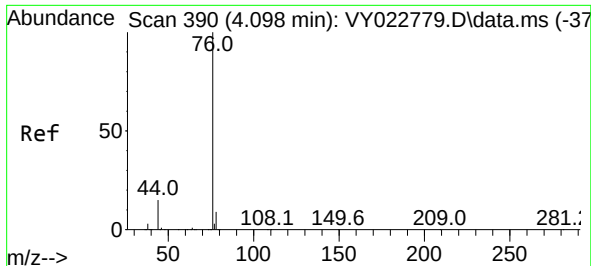
Tgt Ion: 53 Resp: 236140
Ion Ratio Lower Upper
53 100
52 80.8 65.7 98.5
51 37.2 30.1 45.1



#16
Acetone
Concen: 288.206 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 43 Resp: 244955
Ion Ratio Lower Upper
43 100
58 32.1 24.0 36.0

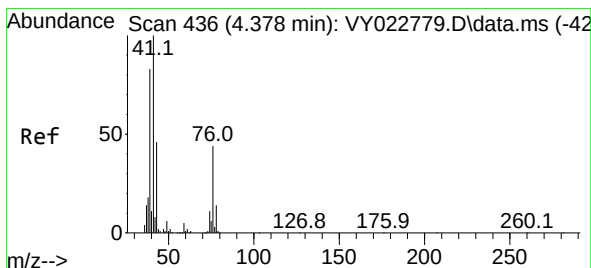
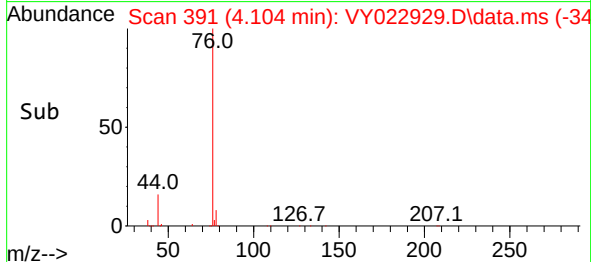
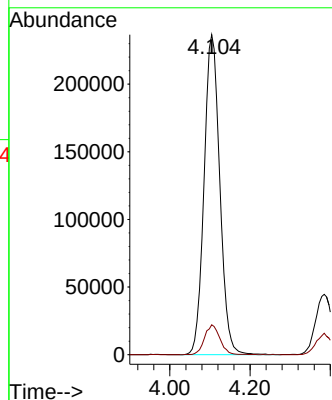
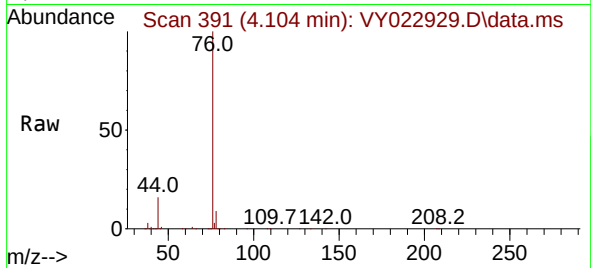




#17
Carbon Disulfide
Concen: 48.950 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

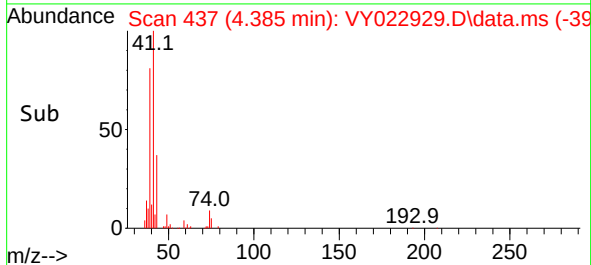
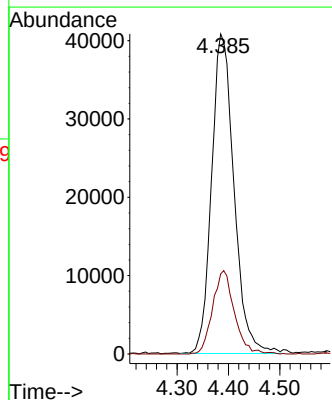
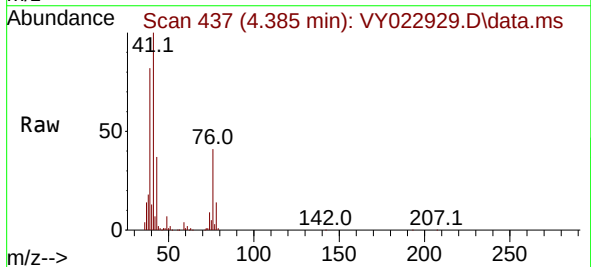
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

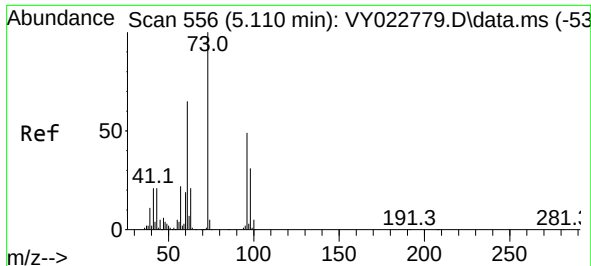
Tgt Ion: 76 Resp: 644897
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 43.806 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 43 Resp: 123302
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 48.988 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

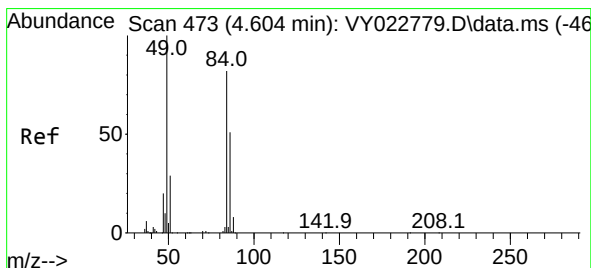
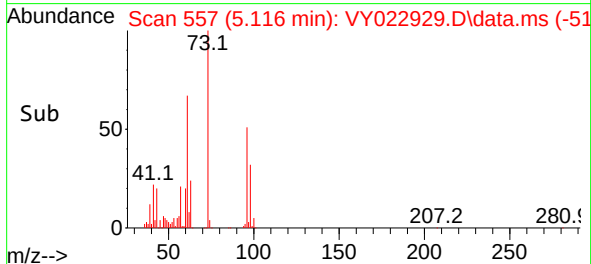
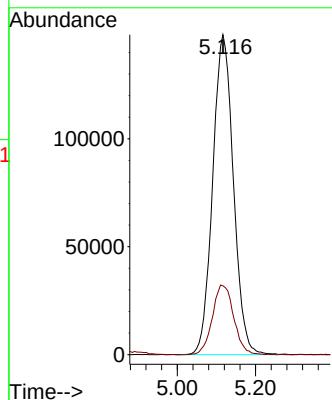
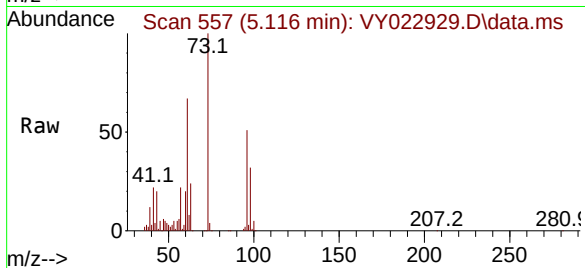
VSTDCCC050

Tgt Ion: 73 Resp: 543984

Ion Ratio Lower Upper

73 100

57 21.5 17.4 26.0



#20

Methylene Chloride

Concen: 46.373 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Tgt Ion: 84 Resp: 248906

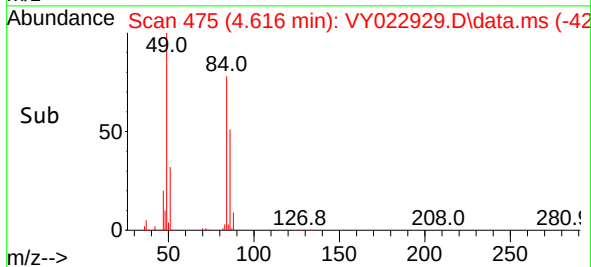
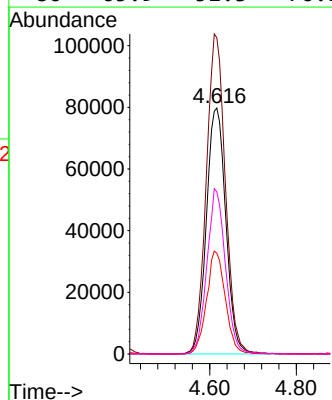
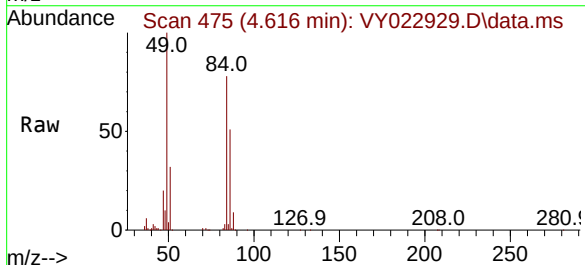
Ion Ratio Lower Upper

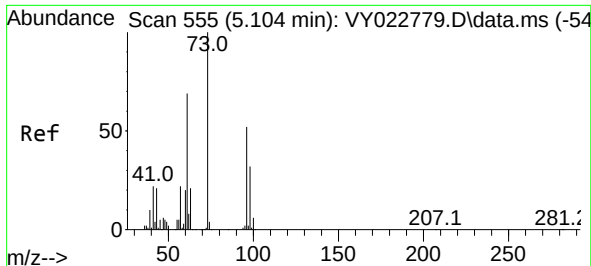
84 100

49 128.4 101.9 152.9

51 41.0 29.8 44.8

86 65.9 51.3 76.9

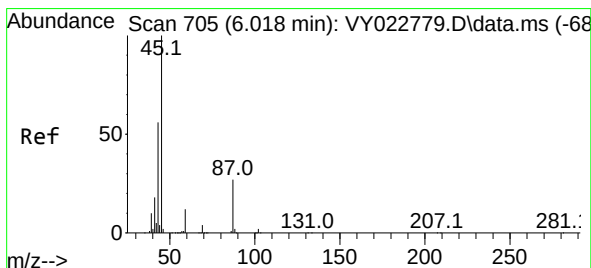
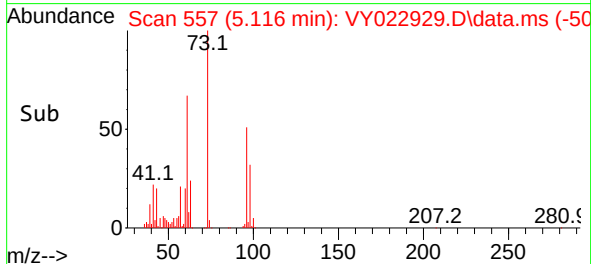
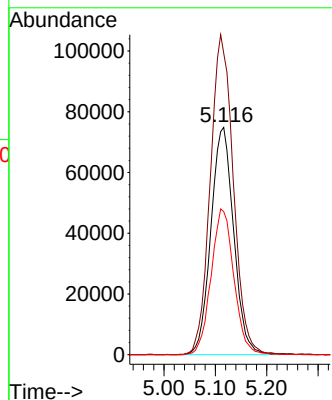
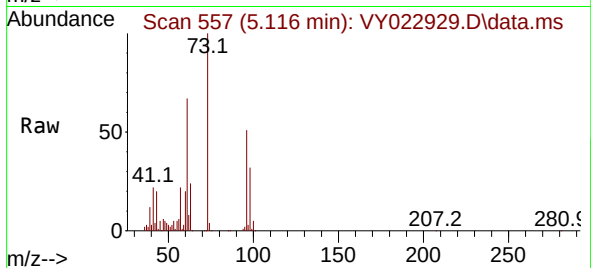




#21
trans-1,2-Dichloroethene
Concen: 49.507 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

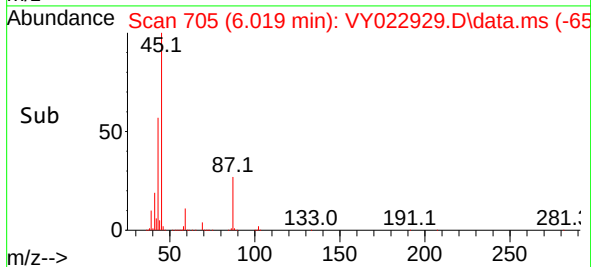
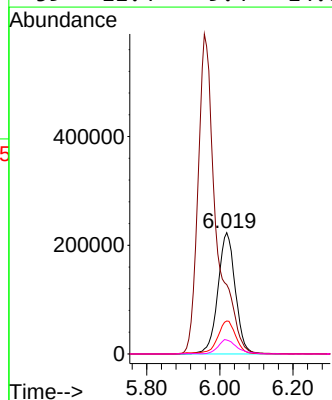
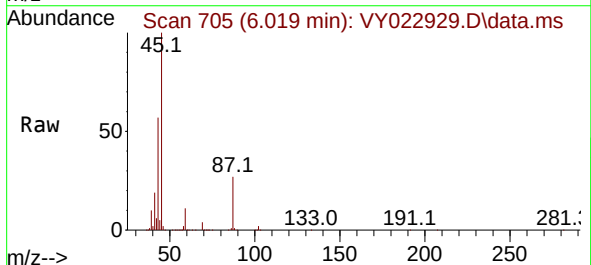
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

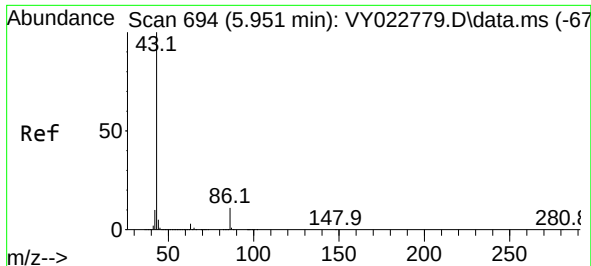
Tgt Ion: 96 Resp: 230748
Ion Ratio Lower Upper
96 100
61 132.3 112.6 169.0
98 62.9 50.6 75.8



#22
Diisopropyl ether
Concen: 52.907 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 45 Resp: 737022
Ion Ratio Lower Upper
45 100
43 57.0 48.3 72.5
87 27.1 23.0 34.6
59 11.4 9.4 14.0

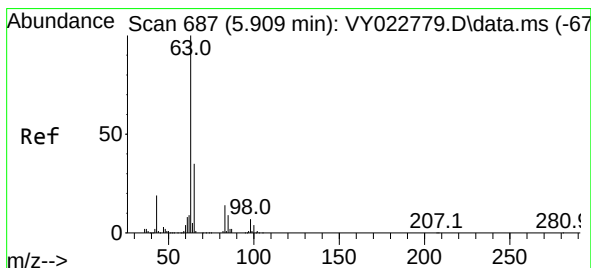
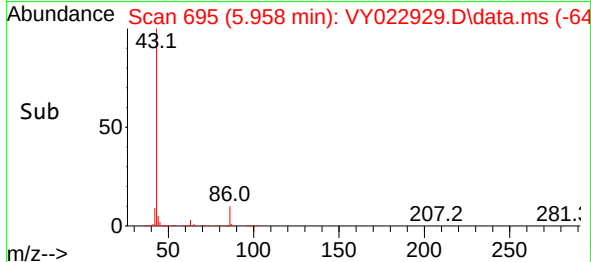
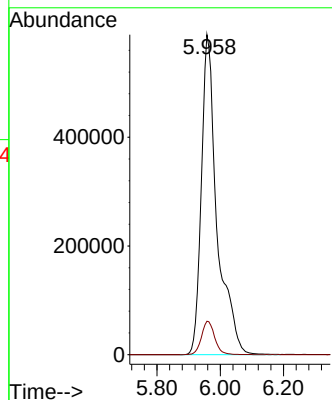
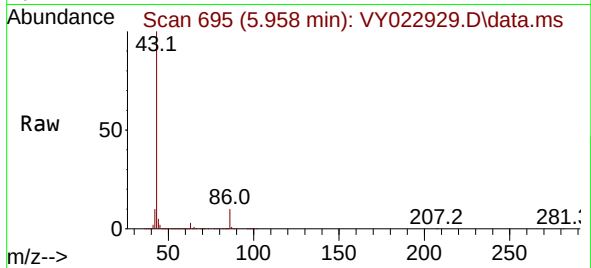




#23
 Vinyl Acetate
 Concen: 264.179 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

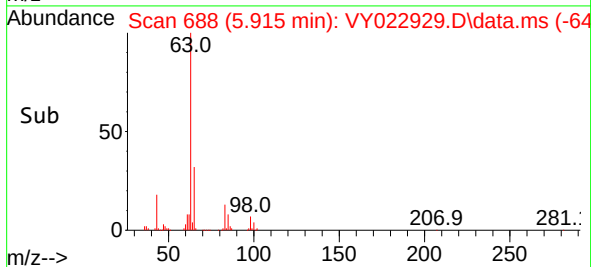
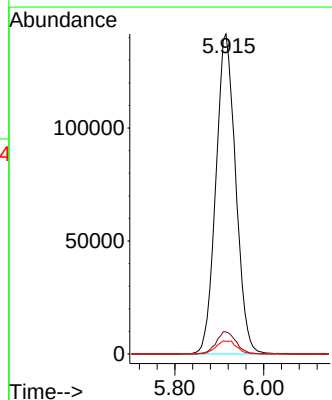
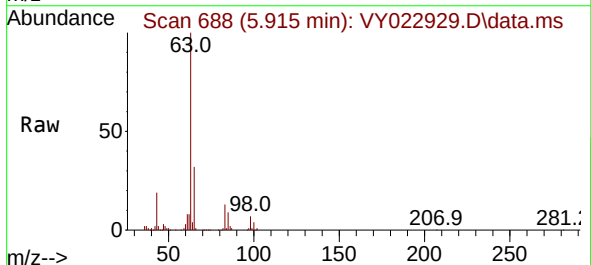
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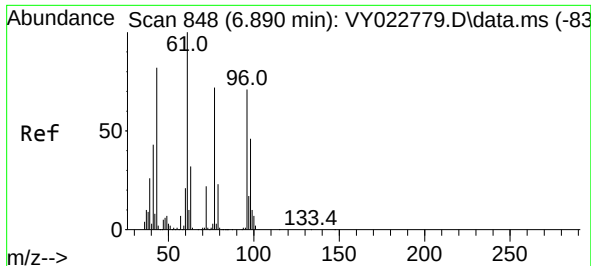
Tgt Ion: 43 Resp: 2032484
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 51.983 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

Tgt Ion: 63 Resp: 437401
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.0 2.1 6.3

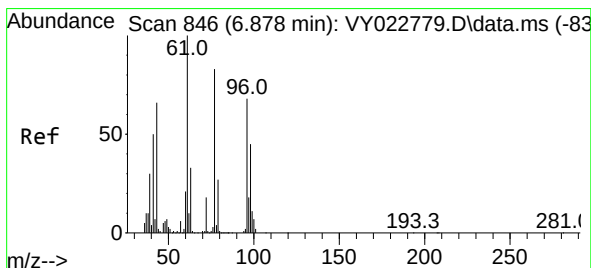
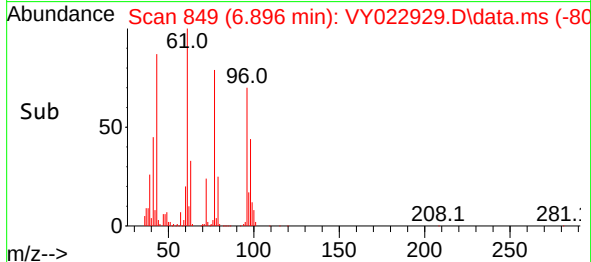
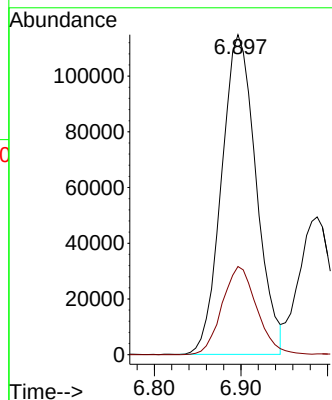
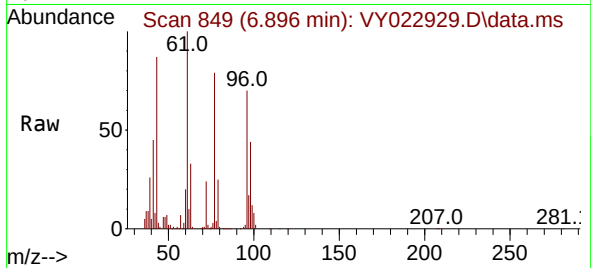




#25
2-Butanone
Concen: 257.796 ug/l
RT: 6.896 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

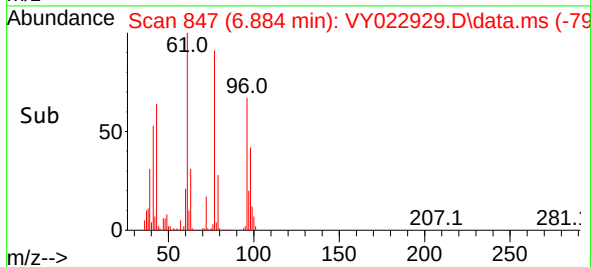
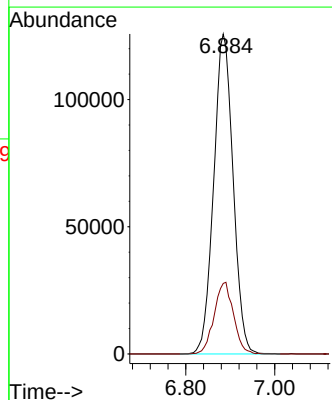
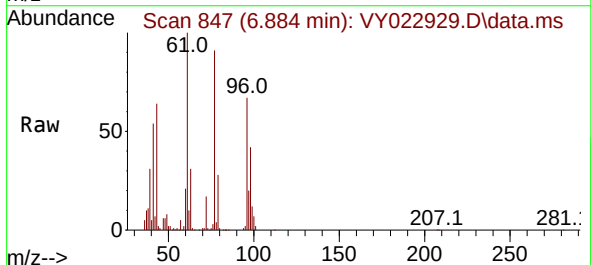
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

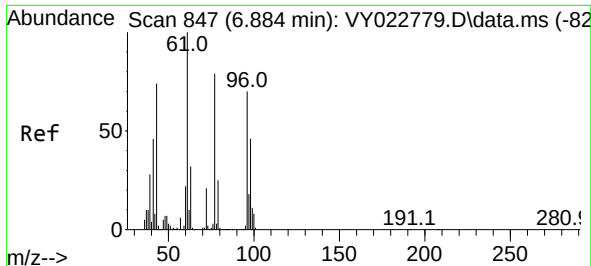
Tgt Ion: 43 Resp: 318896
Ion Ratio Lower Upper
43 100
72 27.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 54.010 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 77 Resp: 380952
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.2

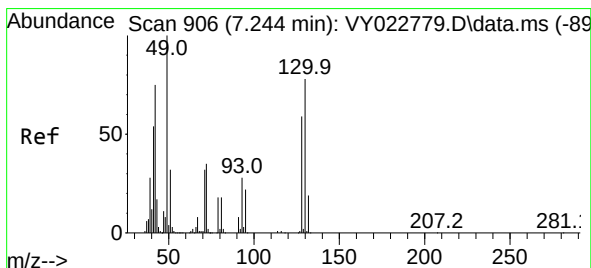
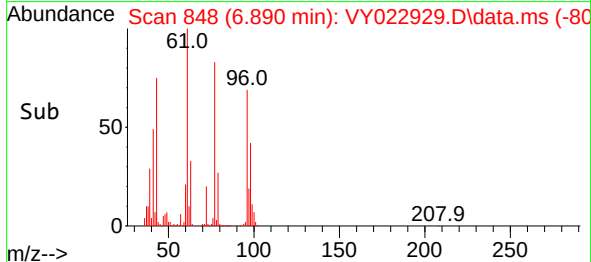
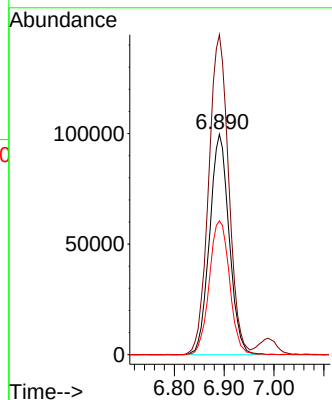
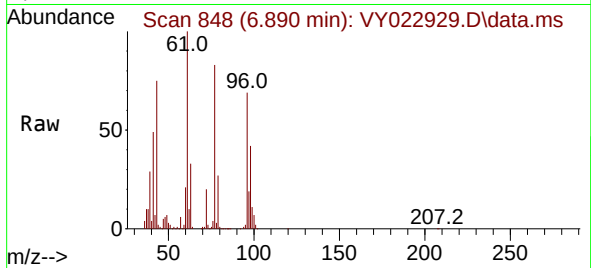




#27
 cis-1,2-Dichloroethene
 Concen: 50.116 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

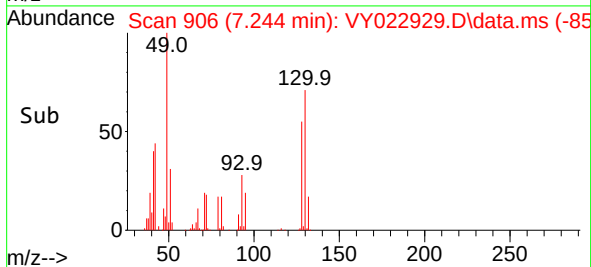
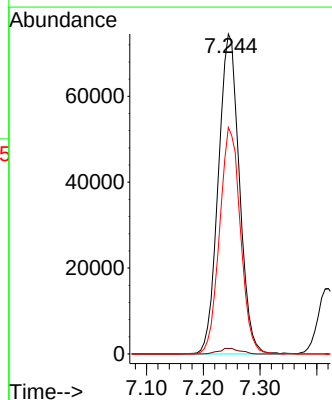
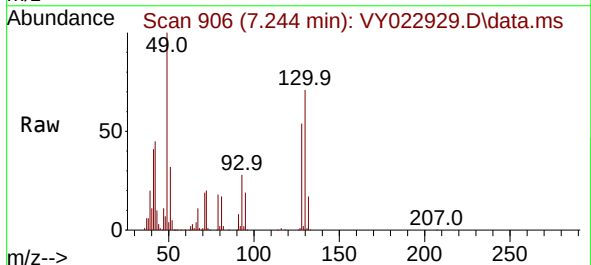
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

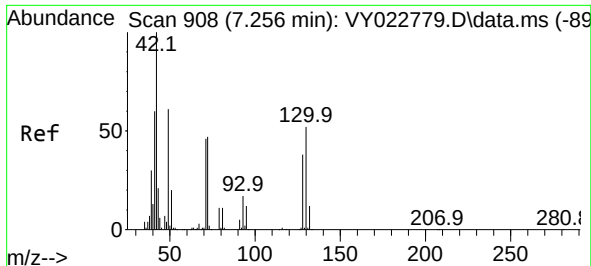
Tgt Ion: 96 Resp: 271426
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 290.0
 98 63.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 54.233 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

Tgt Ion: 49 Resp: 191848
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 70.1 55.7 83.5





#29

Tetrahydrofuran

Concen: 246.138 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

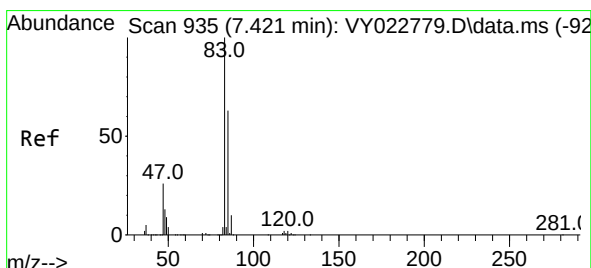
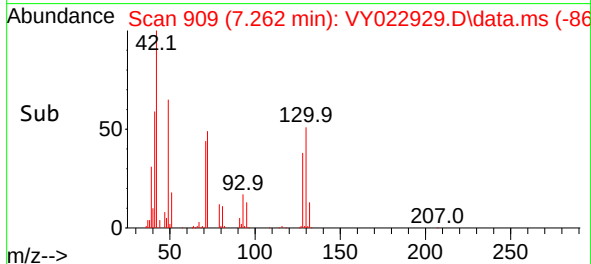
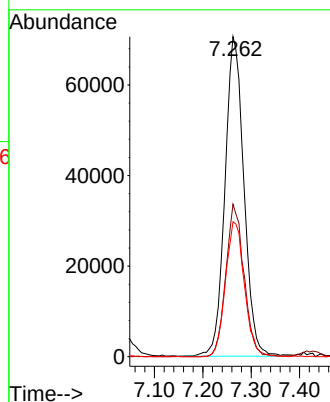
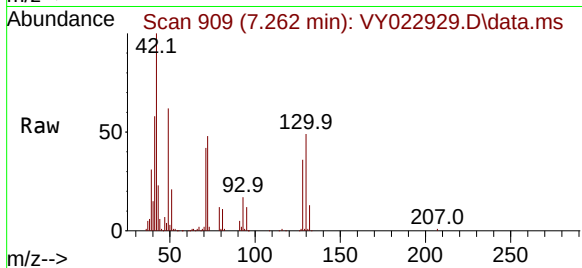
Tgt Ion: 42 Resp: 192259

Ion Ratio Lower Upper

42 100

72 45.7 37.4 56.2

71 42.2 34.2 51.2



#30

Chloroform

Concen: 50.431 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022929.D

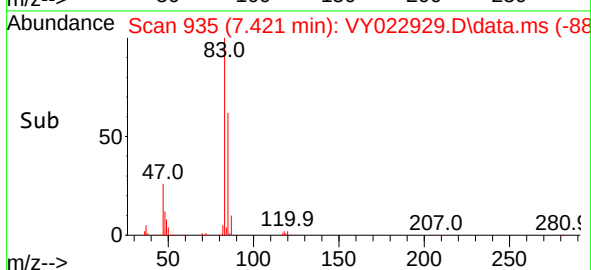
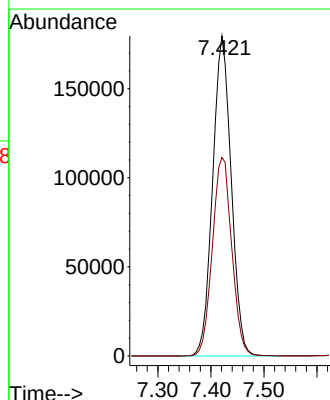
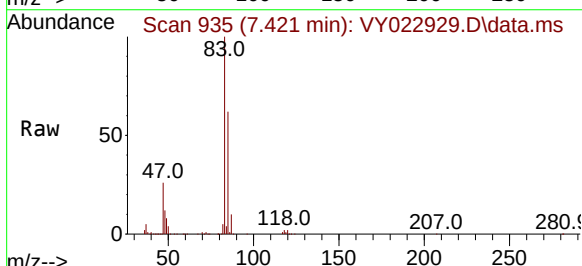
Acq: 03 Jul 2025 09:26

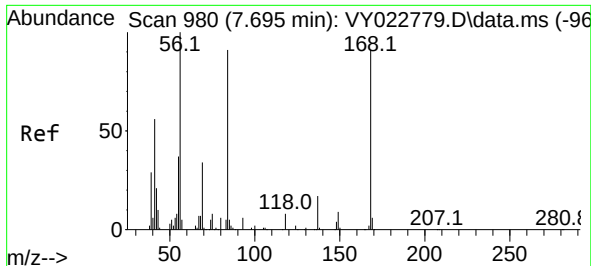
Tgt Ion: 83 Resp: 437061

Ion Ratio Lower Upper

83 100

85 62.1 54.2 81.4

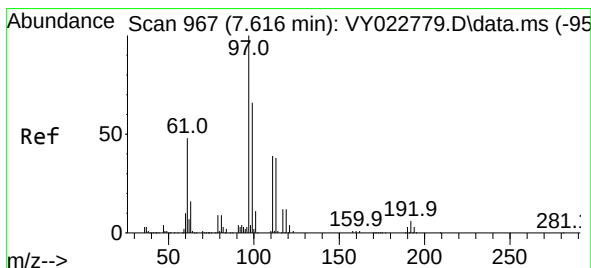
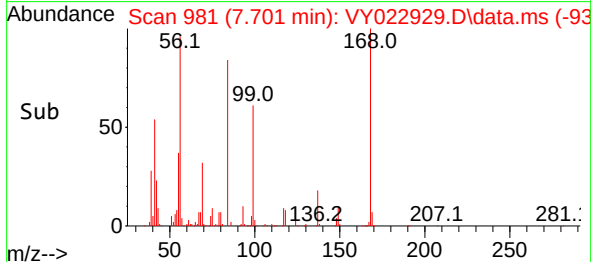
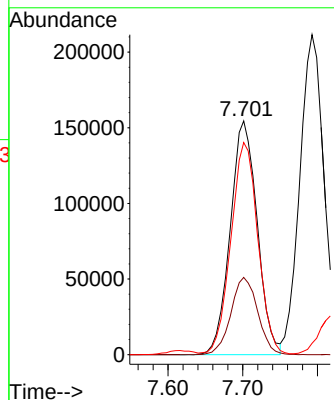
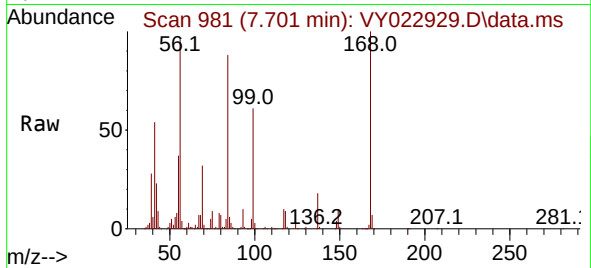




#31
Cyclohexane
Concen: 50.237 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

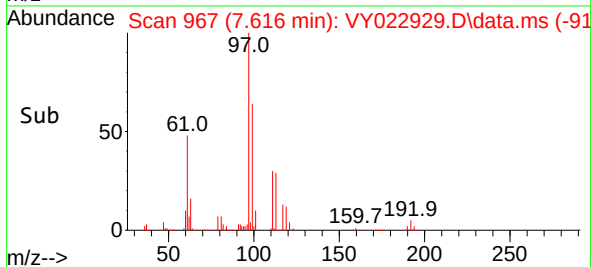
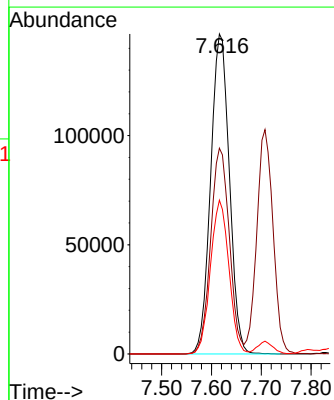
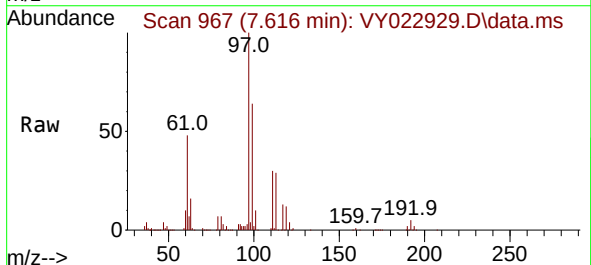
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

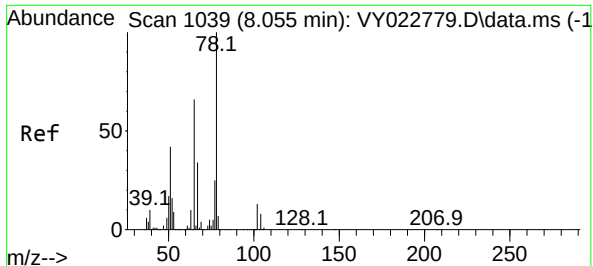
Tgt Ion: 56 Resp: 388020
Ion Ratio Lower Upper
56 100
69 33.1 27.0 40.6
84 89.0 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 51.068 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 97 Resp: 382460
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 47.5 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 49.304 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

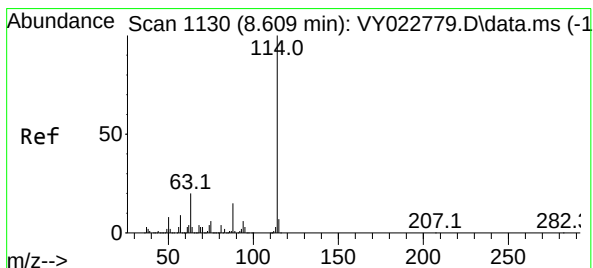
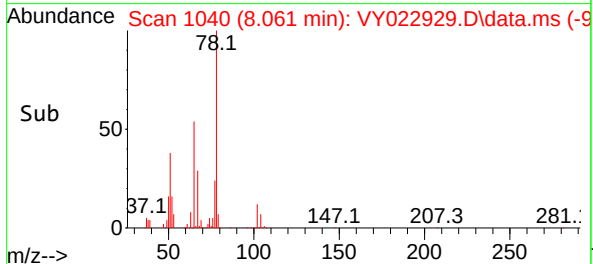
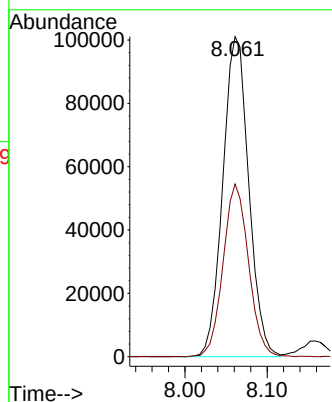
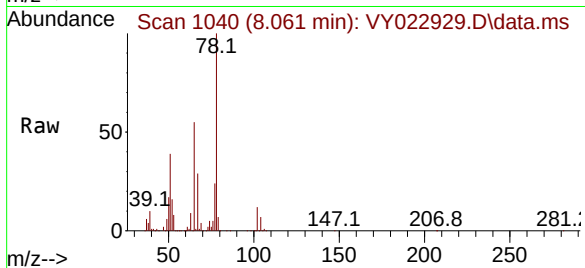
VSTDCCC050

Tgt Ion: 65 Resp: 221711

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

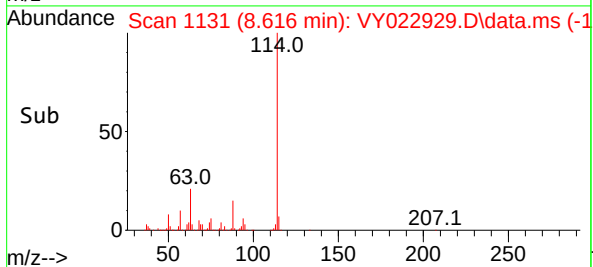
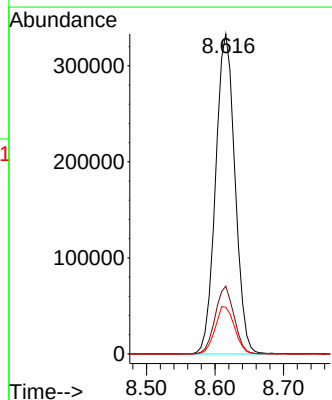
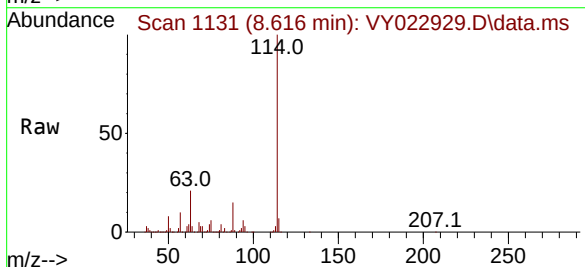
Tgt Ion: 114 Resp: 653588

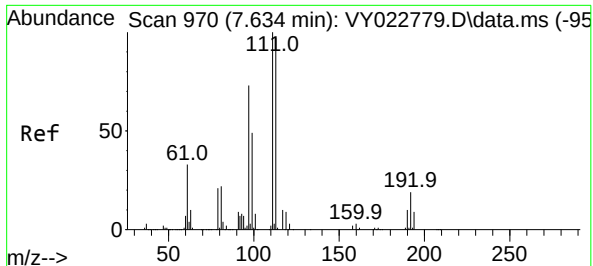
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 14.6 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.303 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

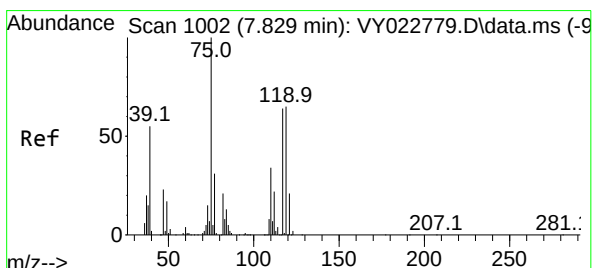
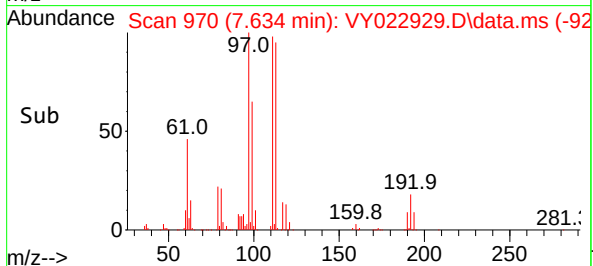
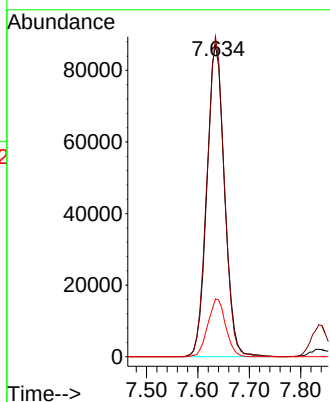
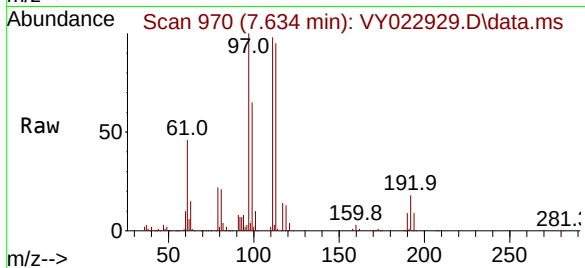
Tgt Ion:113 Resp: 207893

Ion Ratio Lower Upper

113 100

111 101.2 81.1 121.7

192 18.6 14.2 21.2



#36

1,1-Dichloropropene

Concen: 53.106 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

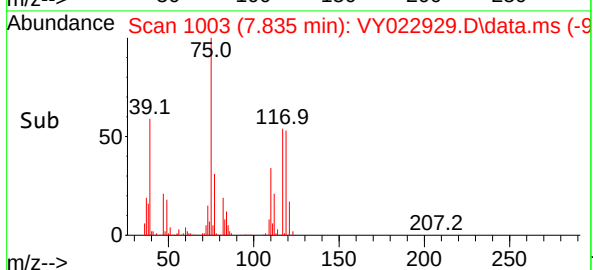
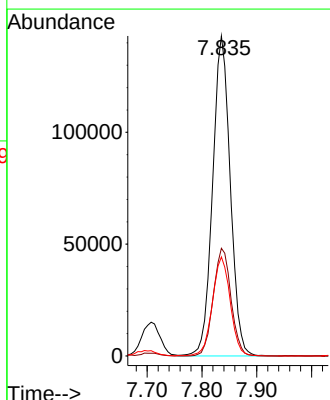
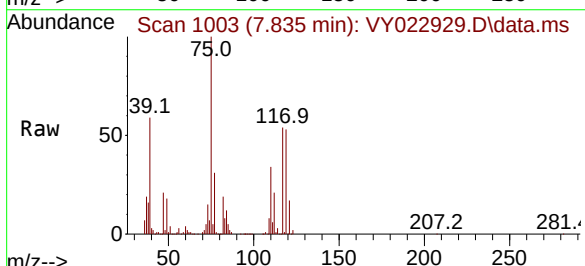
Tgt Ion: 75 Resp: 319955

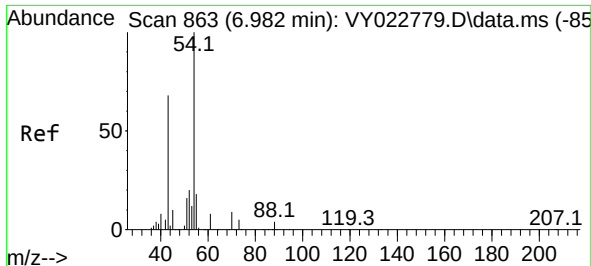
Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.7

77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 53.067 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

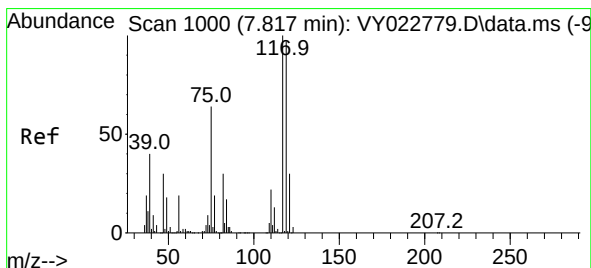
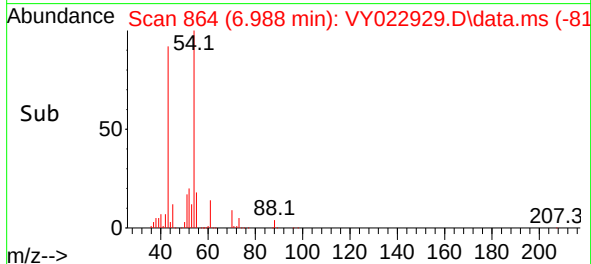
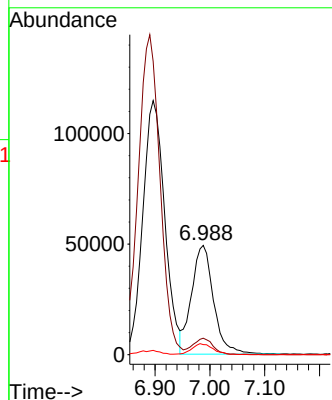
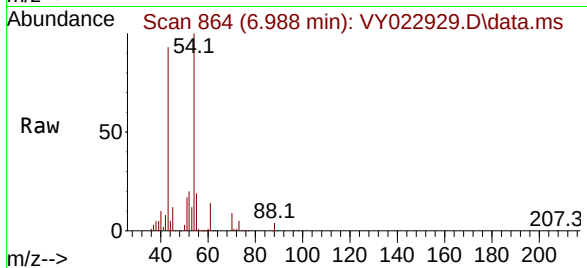
Tgt Ion: 43 Resp: 137965

Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

70 9.8 7.2 10.8



#38

Carbon Tetrachloride

Concen: 52.562 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

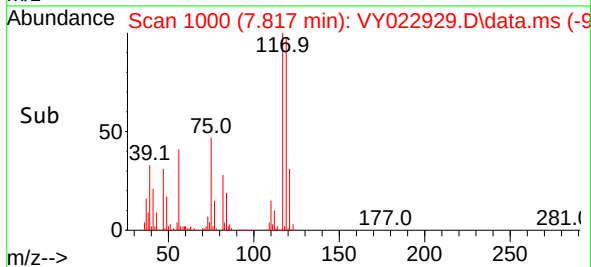
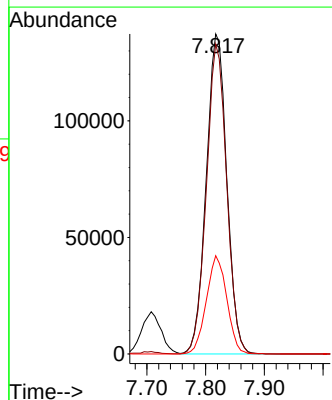
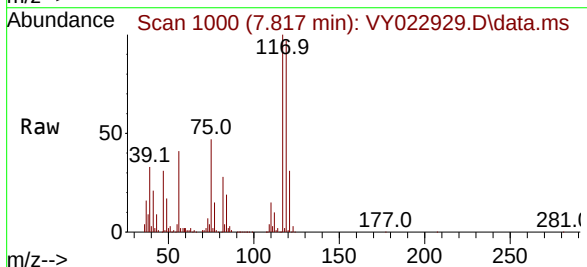
Tgt Ion: 117 Resp: 334137

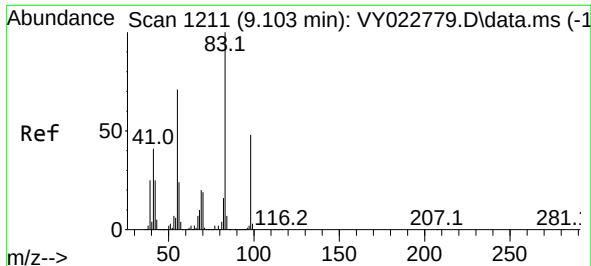
Ion Ratio Lower Upper

117 100

119 96.9 75.0 112.6

121 30.7 25.0 37.4





#39

Methylcyclohexane

Concen: 53.570 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

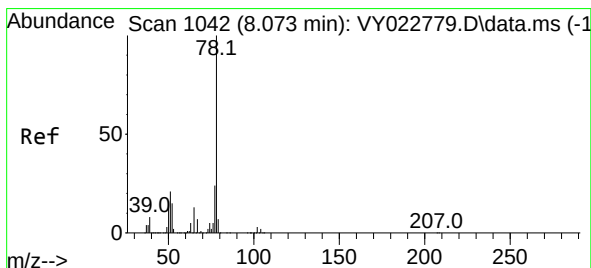
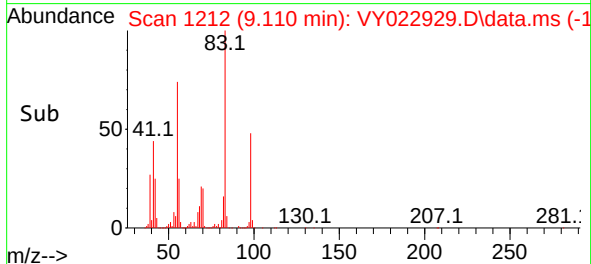
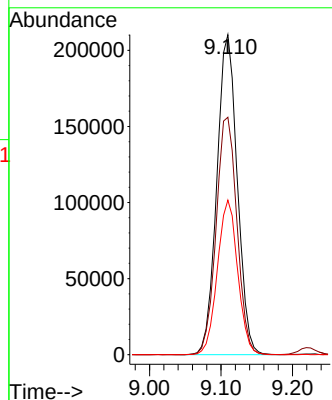
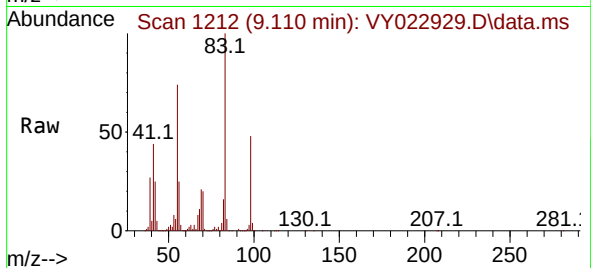
Tgt Ion: 83 Resp: 417671

Ion Ratio Lower Upper

83 100

55 74.2 58.1 87.1

98 48.3 39.0 58.6



#40

Benzene

Concen: 53.069 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022929.D

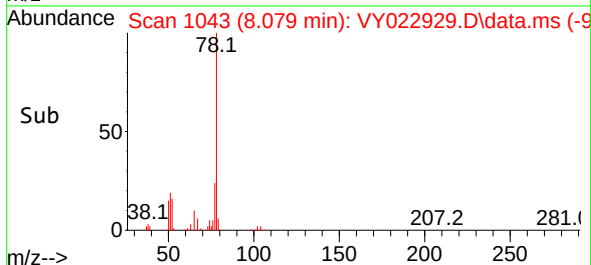
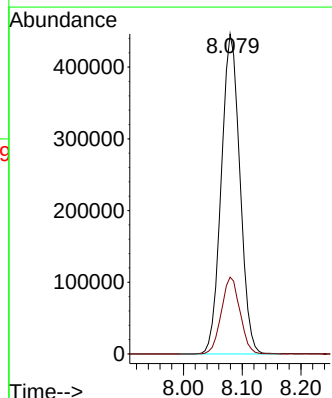
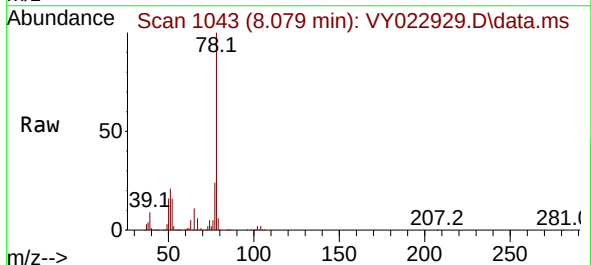
Acq: 03 Jul 2025 09:26

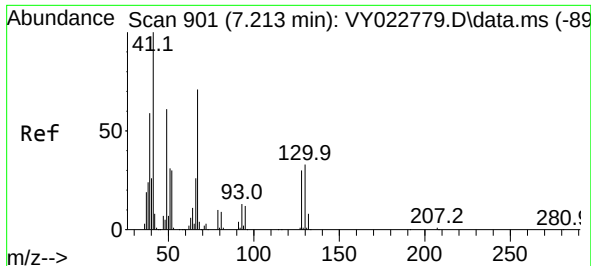
Tgt Ion: 78 Resp: 983034

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9



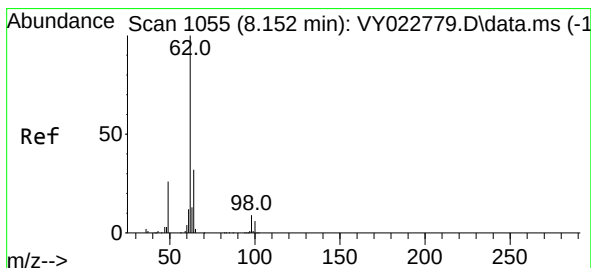
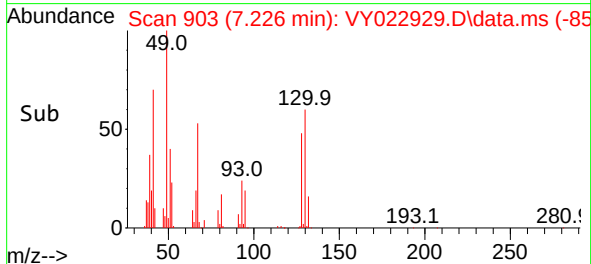
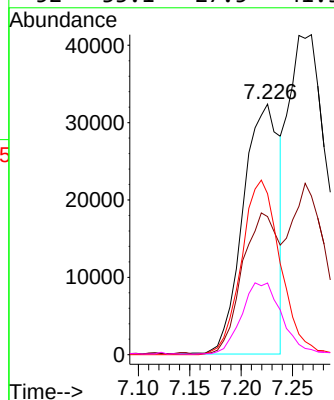
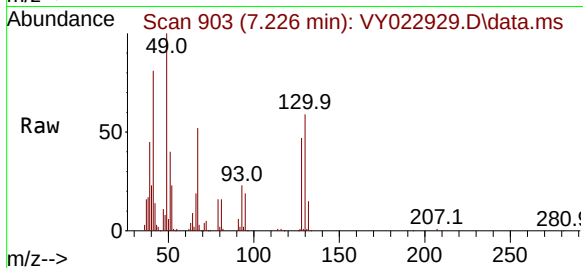


#41
Methacrylonitrile
Concen: 49.395 ug/l
RT: 7.226 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 79058

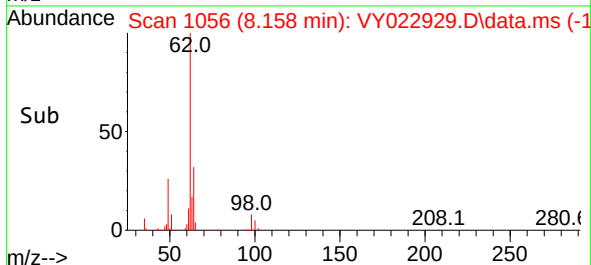
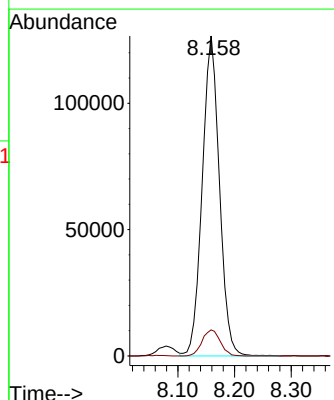
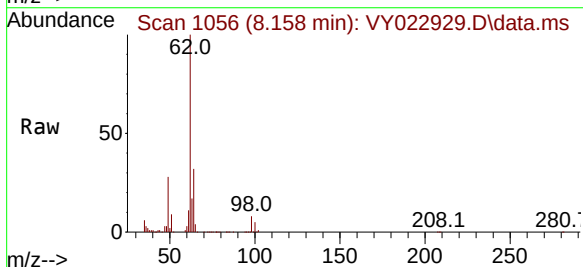
Ion	Ratio	Lower	Upper
41	100		
39	56.0	46.6	69.8
67	75.7	63.3	94.9
52	33.1	27.5	41.3

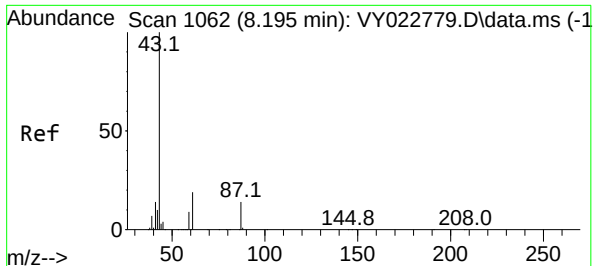


#42
1,2-Dichloroethane
Concen: 52.518 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 62 Resp: 266580

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 51.489 ug/l

RT: 8.195 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

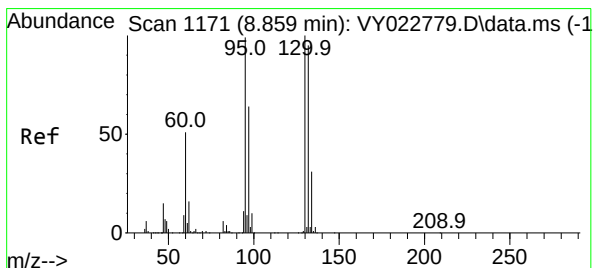
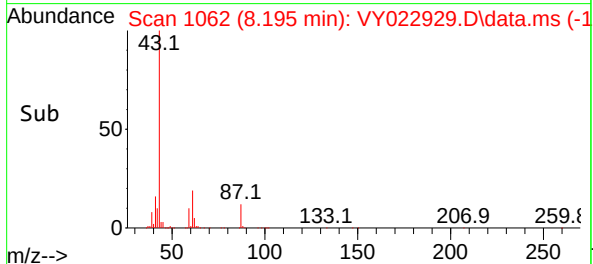
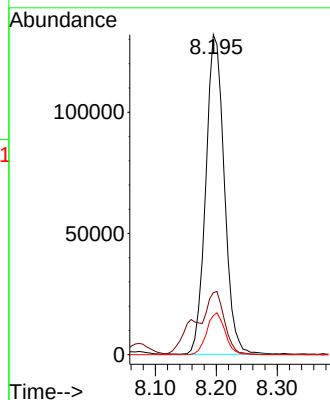
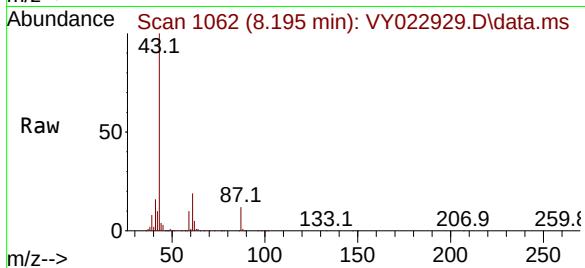
Tgt Ion: 43 Resp: 278215

Ion Ratio Lower Upper

43 100

61 18.8 15.6 23.4

87 13.0 10.2 15.4



#44

Trichloroethene

Concen: 52.109 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY022929.D

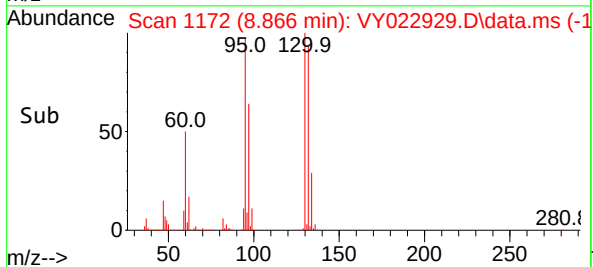
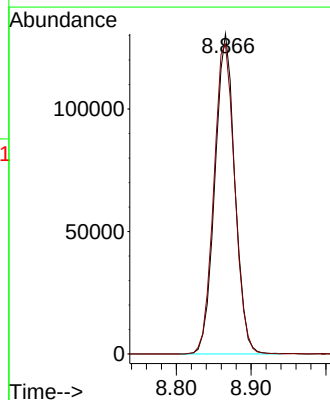
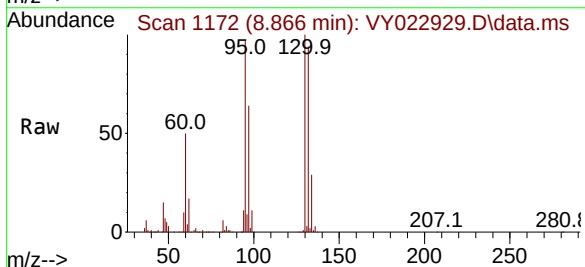
Acq: 03 Jul 2025 09:26

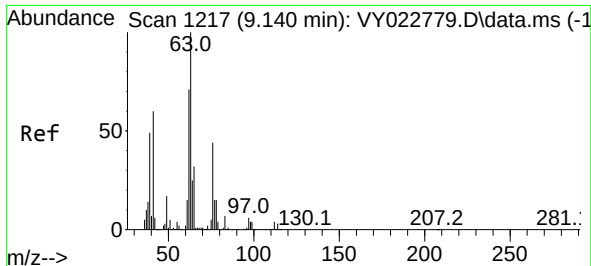
Tgt Ion:130 Resp: 242347

Ion Ratio Lower Upper

130 100

95 96.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 53.355 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

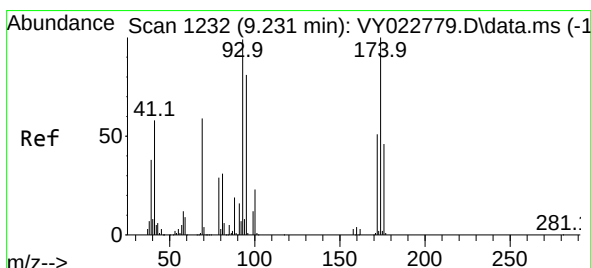
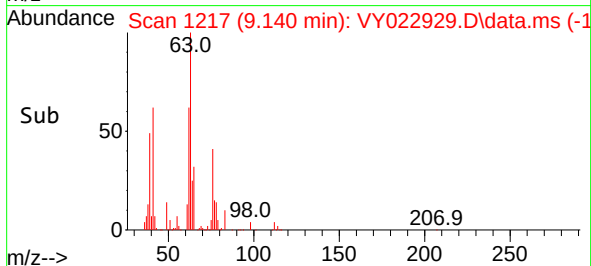
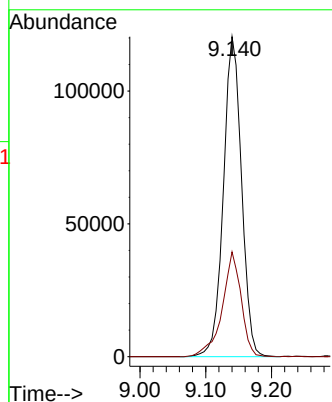
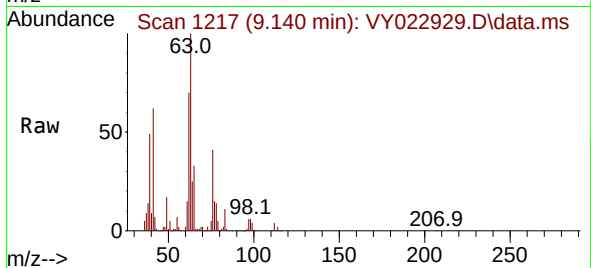
VSTDCCC050

Tgt Ion: 63 Resp: 231313

Ion Ratio Lower Upper

63 100

65 32.7 24.0 36.0



#46

Dibromomethane

Concen: 50.659 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

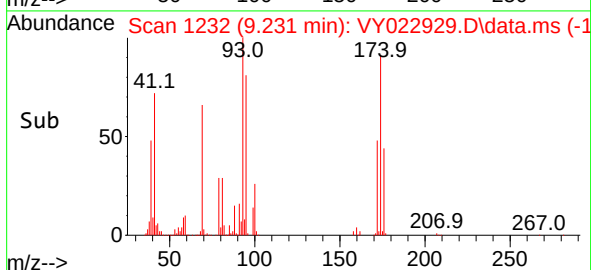
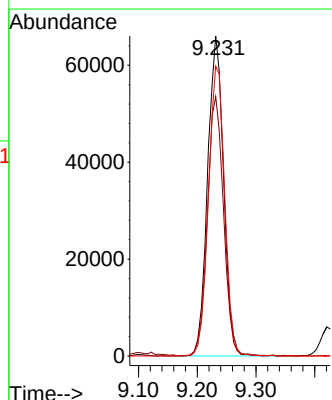
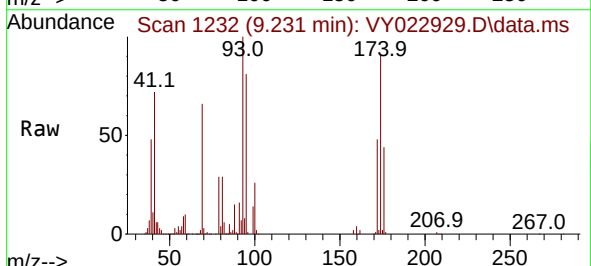
Tgt Ion: 93 Resp: 124676

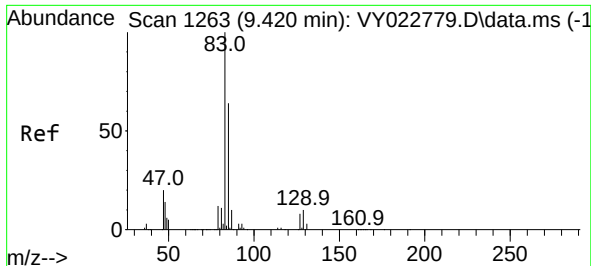
Ion Ratio Lower Upper

93 100

95 82.1 65.6 98.4

174 92.1 70.4 105.6

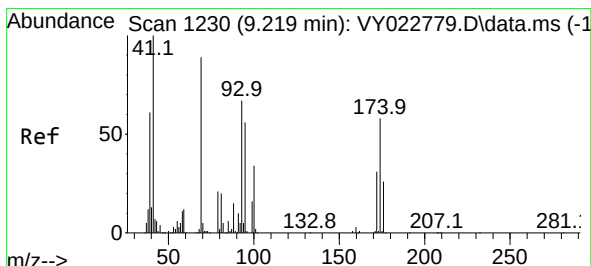
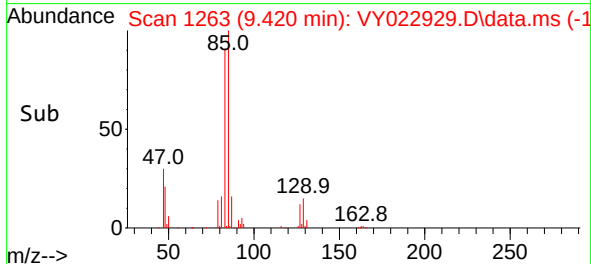
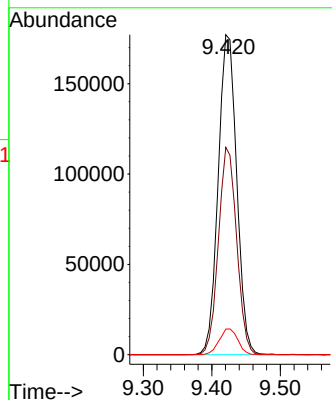
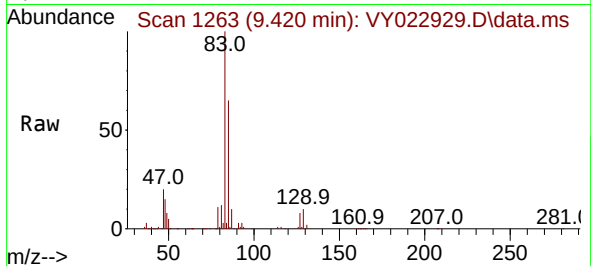




#47
Bromodichloromethane
Concen: 52.290 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

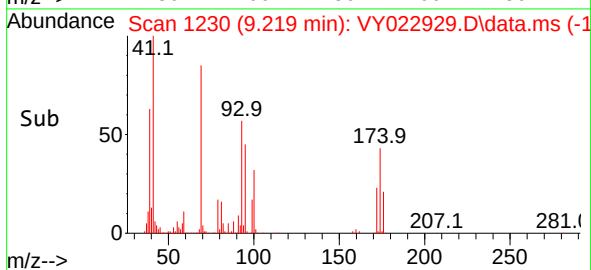
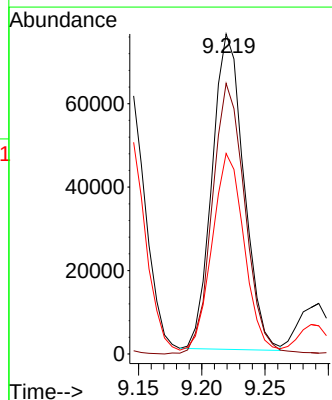
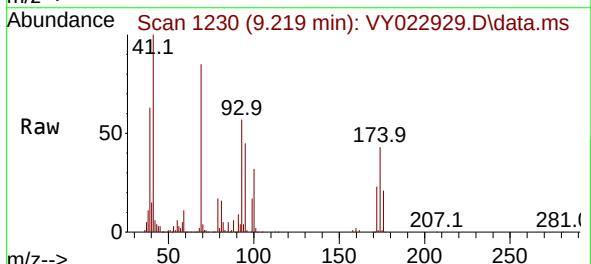
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

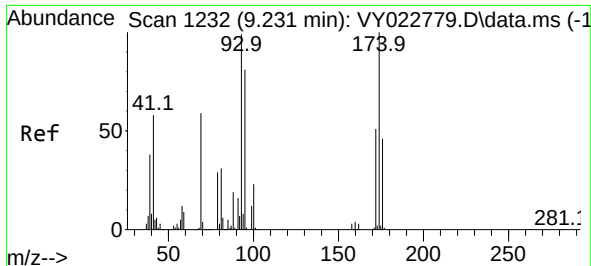
Tgt Ion: 83 Resp: 331843
Ion Ratio Lower Upper
83 100
85 64.8 49.1 73.7
127 8.0 6.2 9.4



#48
Methyl methacrylate
Concen: 50.849 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 41 Resp: 132085
Ion Ratio Lower Upper
41 100
69 88.4 67.8 101.8
39 62.6 55.0 82.4





#49

1,4-Dioxane

Concen: 918.445 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

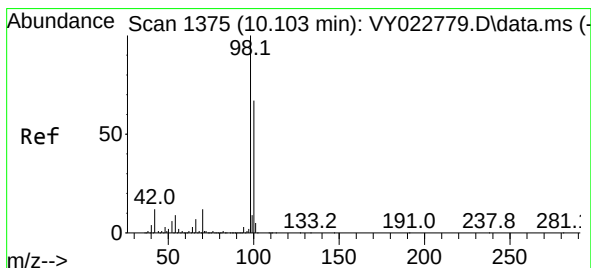
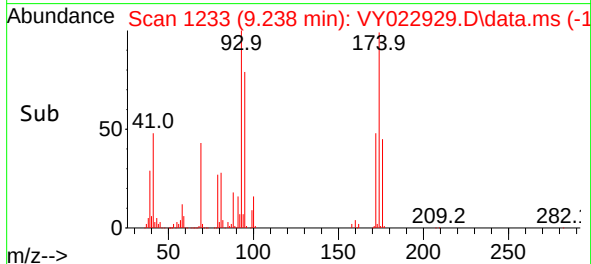
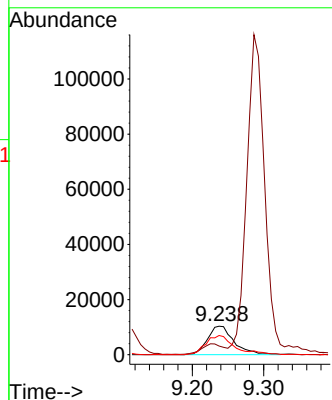
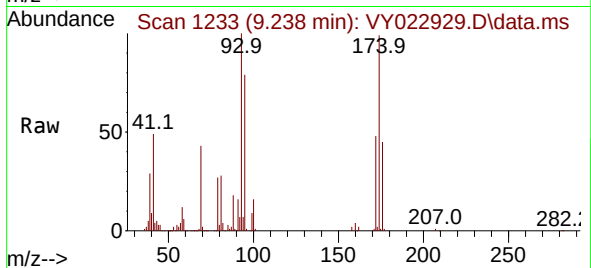
Tgt Ion: 88 Resp: 26705

Ion Ratio Lower Upper

88 100

43 31.0 25.4 38.2

58 73.0 54.9 82.3



#50

Toluene-d8

Concen: 52.141 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022929.D

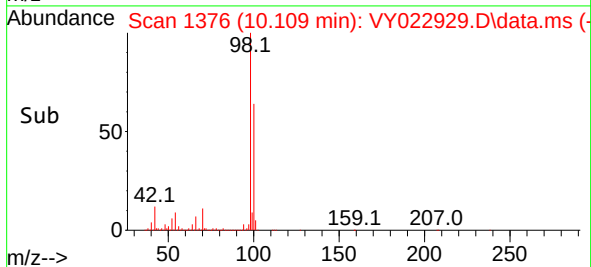
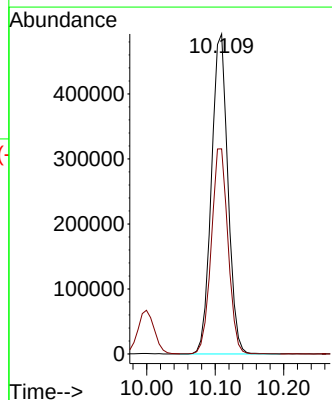
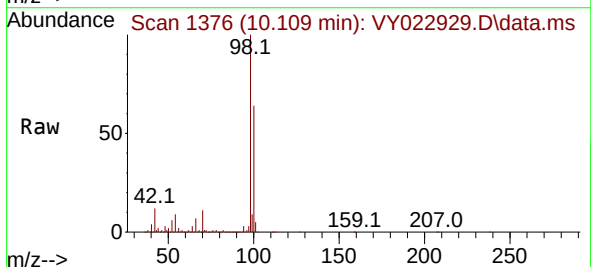
Acq: 03 Jul 2025 09:26

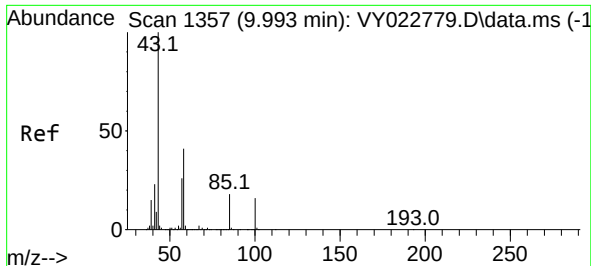
Tgt Ion: 98 Resp: 822398

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

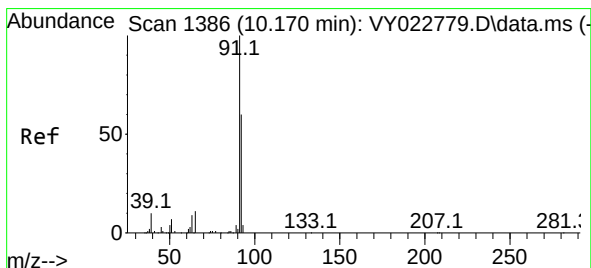
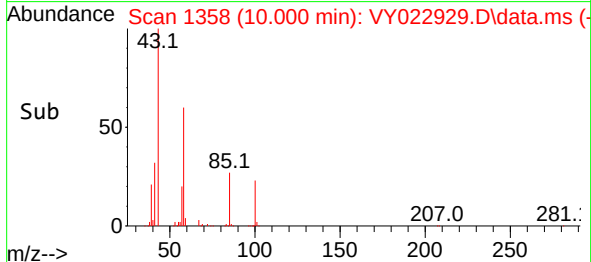
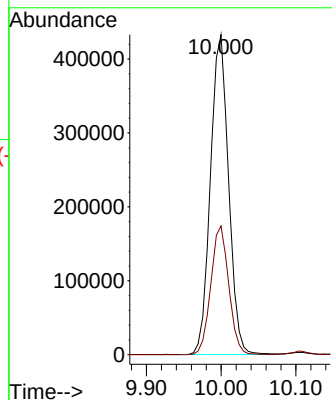
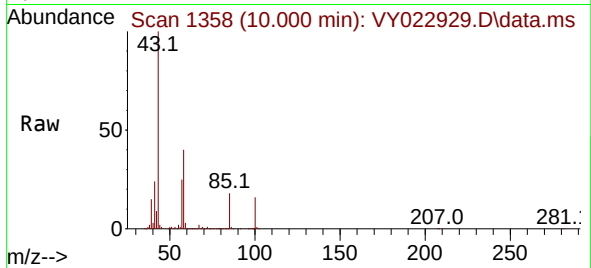




#51
4-Methyl-2-Pentanone
Concen: 265.945 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

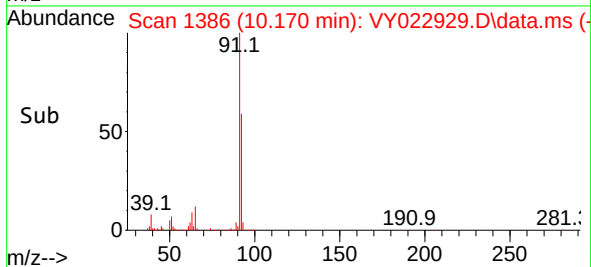
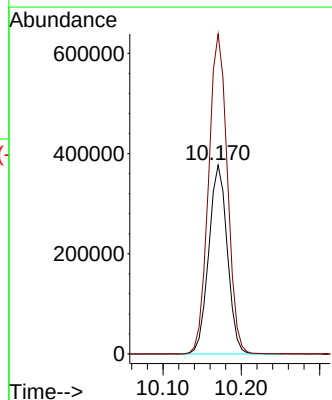
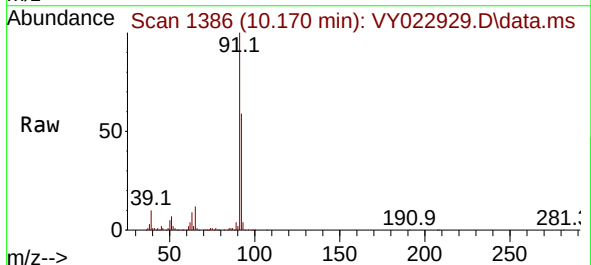
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

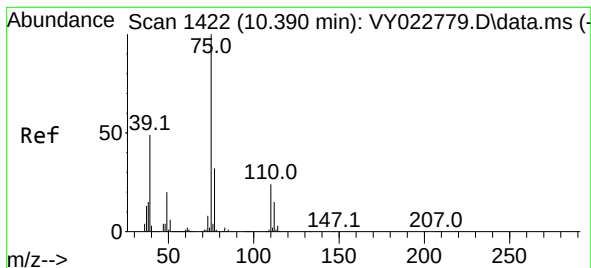
Tgt Ion: 43 Resp: 730249
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6



#52
Toluene
Concen: 52.975 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 92 Resp: 619081
Ion Ratio Lower Upper
92 100
91 172.2 139.0 208.4

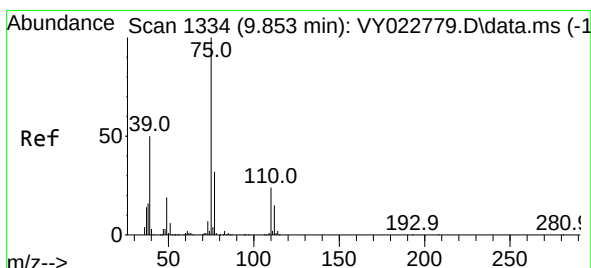
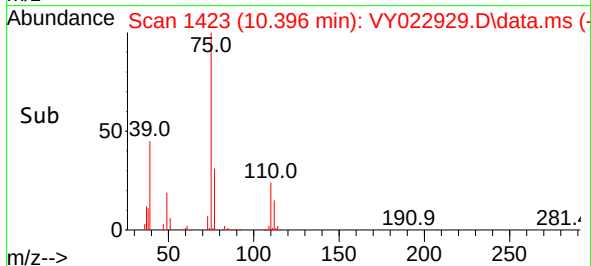
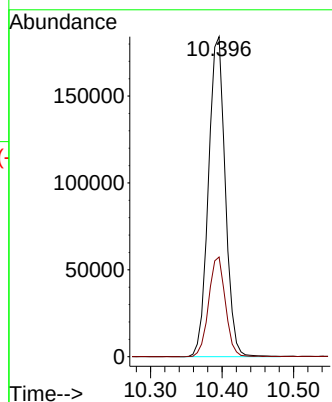
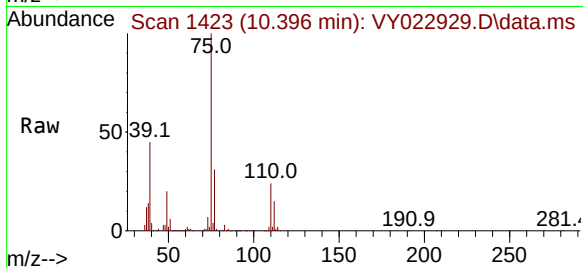




#53
 t-1,3-Dichloropropene
 Concen: 52.642 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

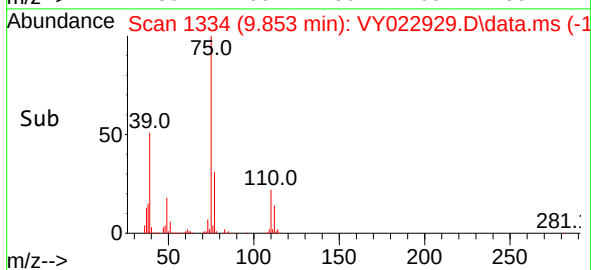
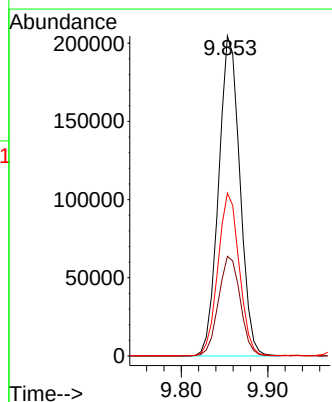
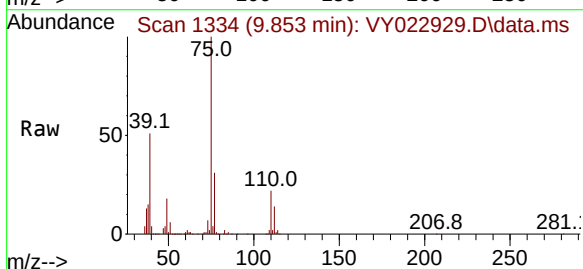
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

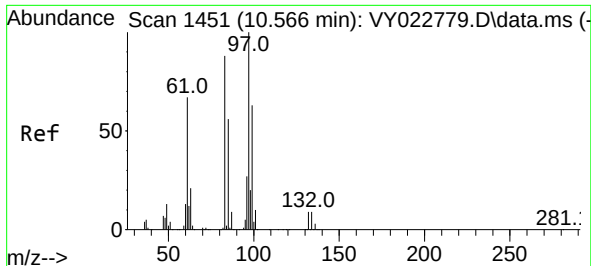
Tgt Ion: 75 Resp: 300582
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.668 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

Tgt Ion: 75 Resp: 348697
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 50.8 42.7 64.1



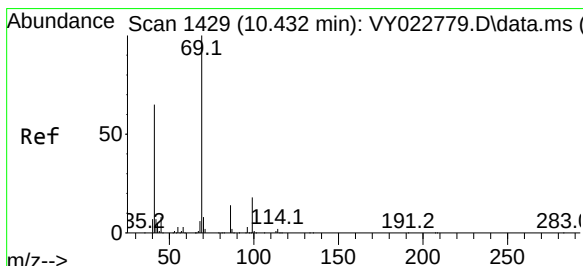
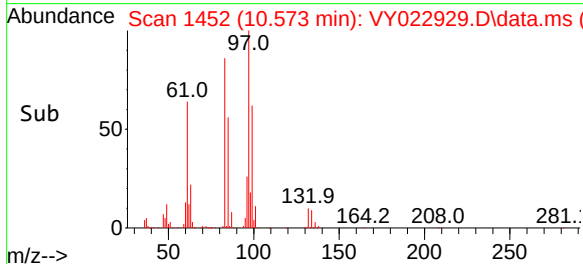
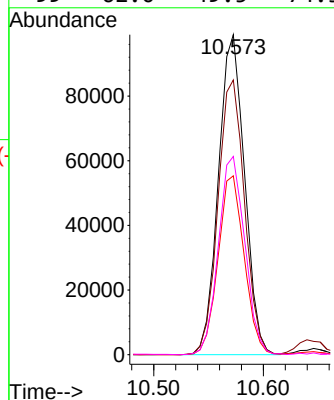
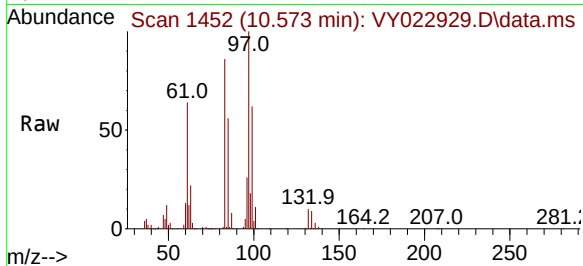


#55
1,1,2-Trichloroethane
Concen: 51.449 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 163959

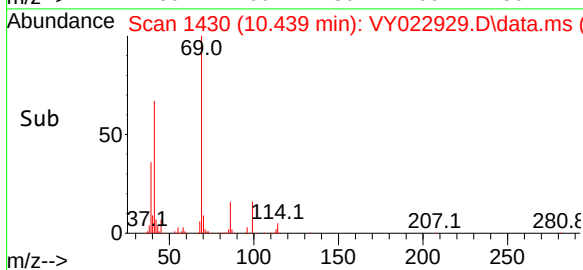
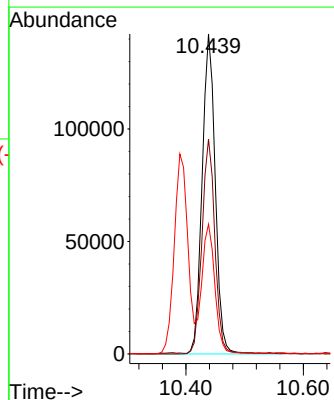
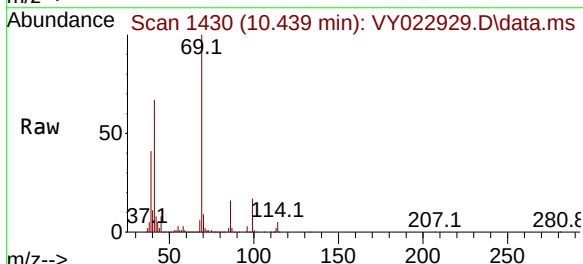
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.1	102.1
85	55.9	48.2	72.2
99	62.0	49.5	74.3

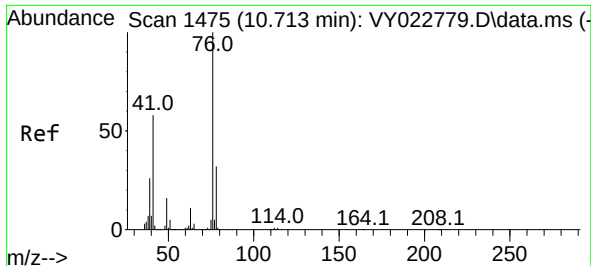


#56
Ethyl methacrylate
Concen: 51.487 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 69 Resp: 220750

Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	40.4	36.7	55.1





#57

1,3-Dichloropropane

Concen: 51.822 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

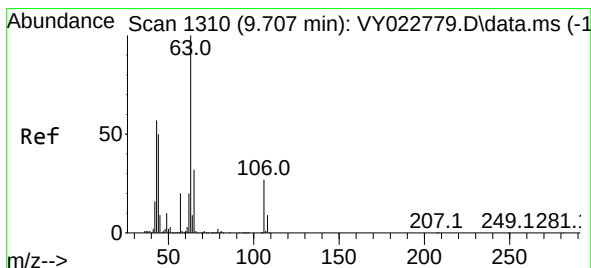
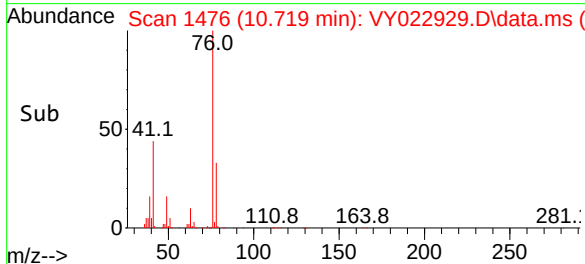
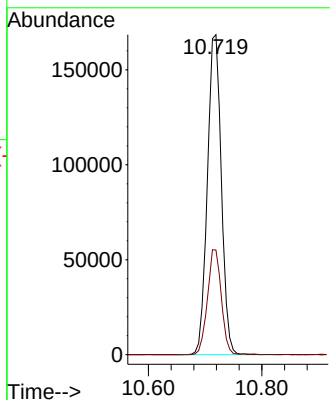
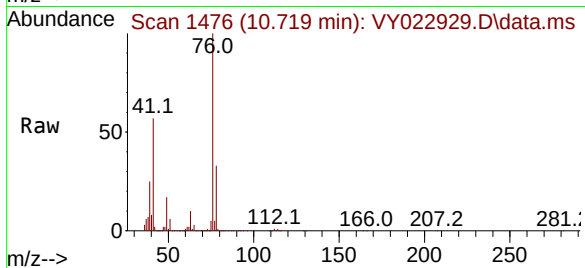
VSTDCCC050

Tgt Ion: 76 Resp: 288129

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 250.621 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022929.D

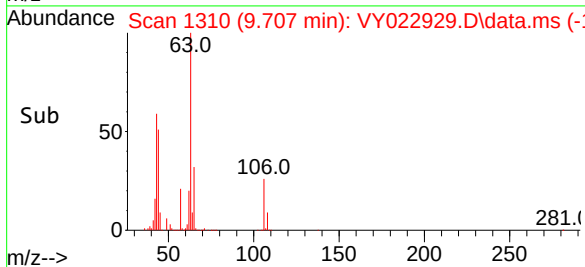
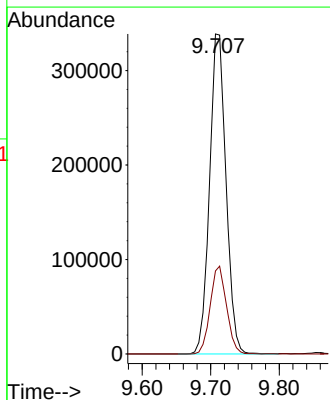
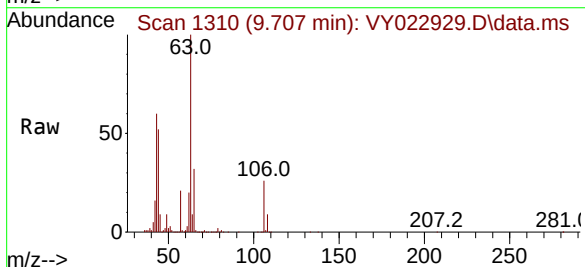
Acq: 03 Jul 2025 09:26

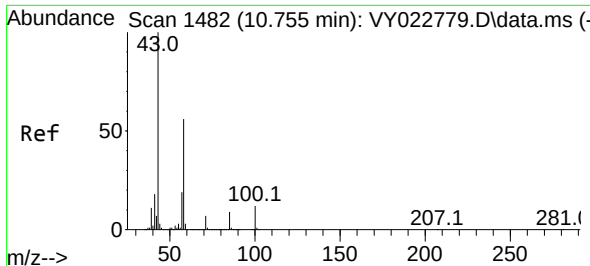
Tgt Ion: 63 Resp: 564852

Ion Ratio Lower Upper

63 100

106 27.1 21.6 32.4

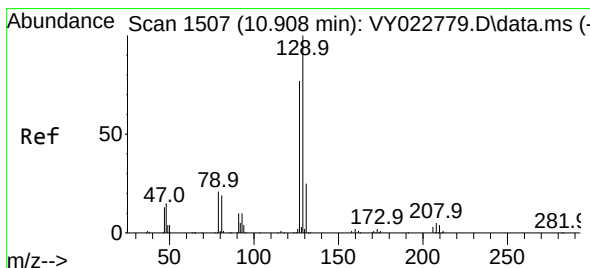
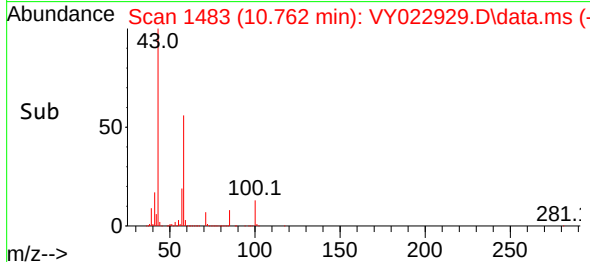
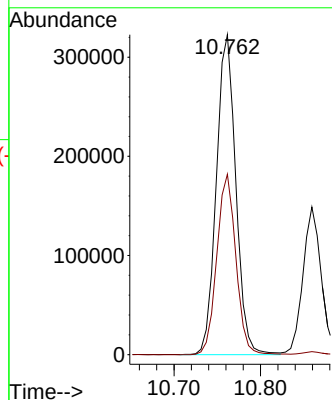
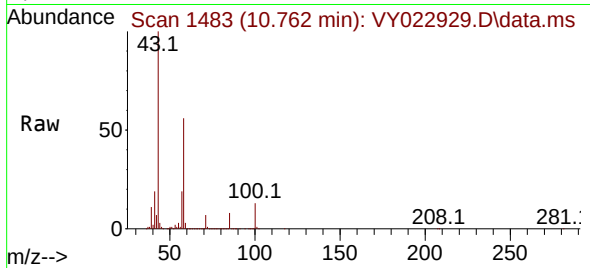




#59
2-Hexanone
Concen: 269.637 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

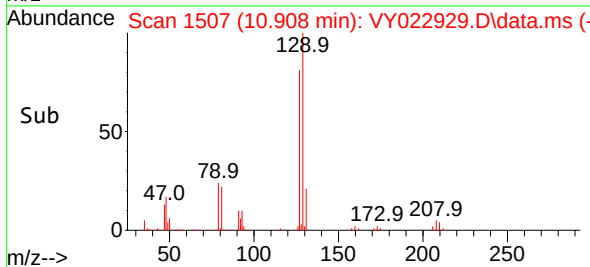
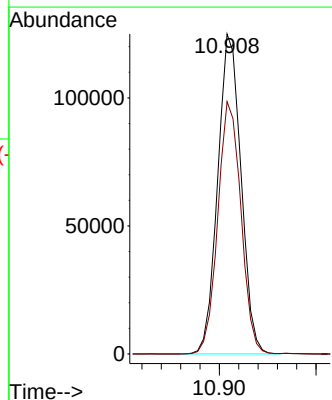
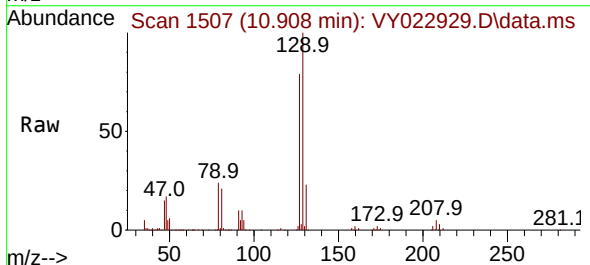
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

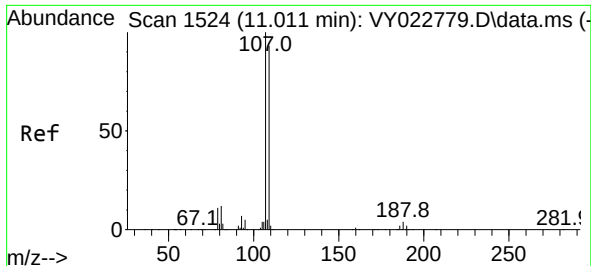
Tgt Ion: 43 Resp: 503372
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8



#60
Dibromochloromethane
Concen: 50.681 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 129 Resp: 208619
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2

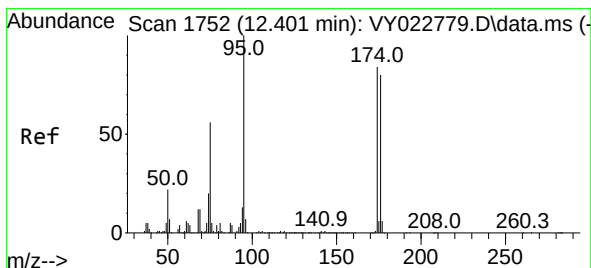
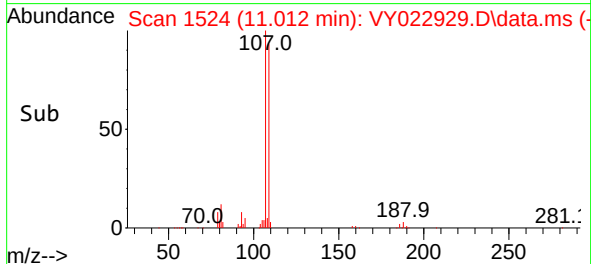
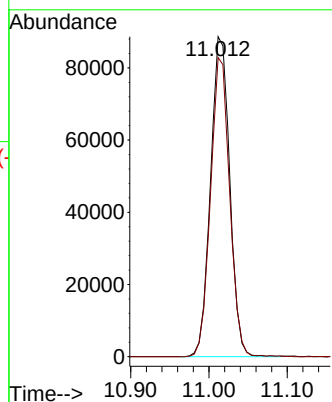
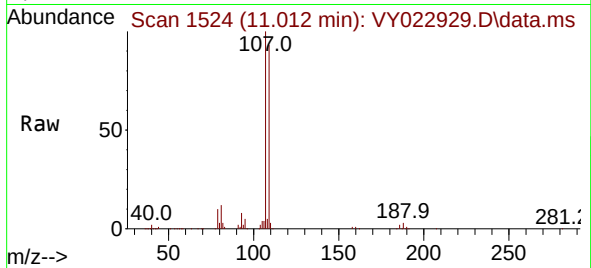




#61
1,2-Dibromoethane
Concen: 50.594 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

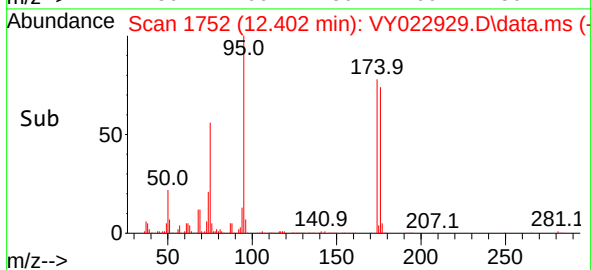
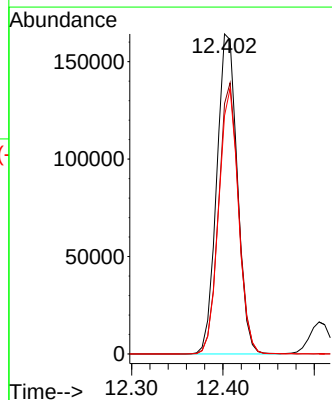
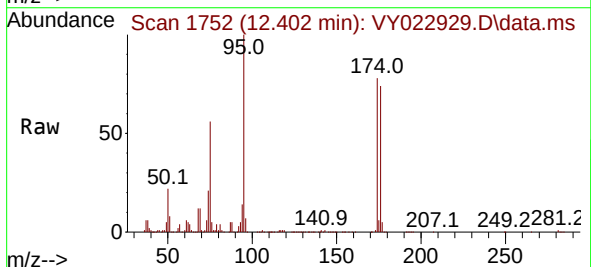
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

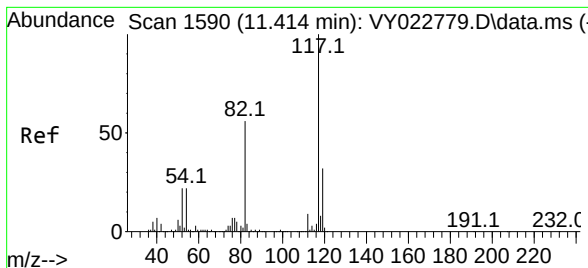
Tgt Ion:107 Resp: 150877
Ion Ratio Lower Upper
107 100
109 93.1 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.636 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 95 Resp: 256743
Ion Ratio Lower Upper
95 100
174 82.2 0.0 170.0
176 79.5 0.0 166.2

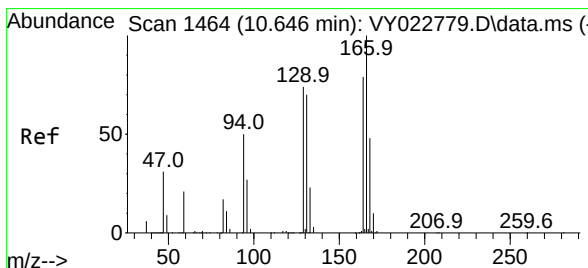
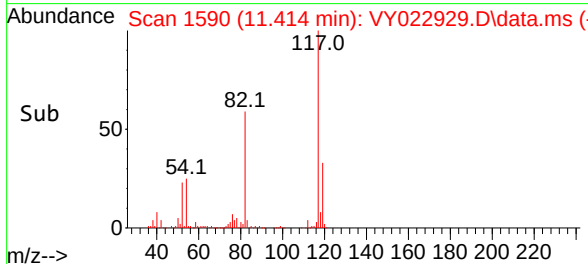
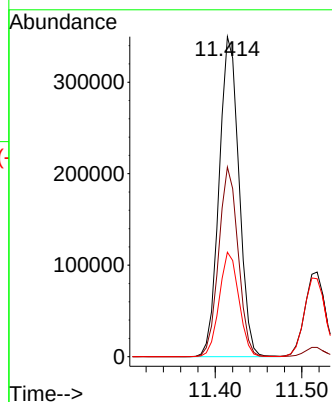
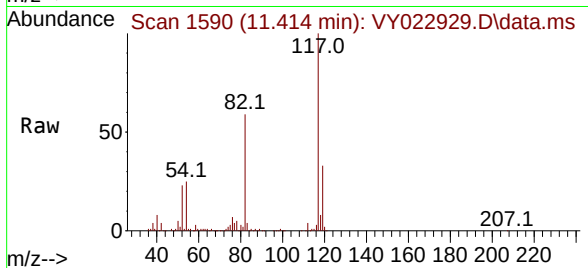




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

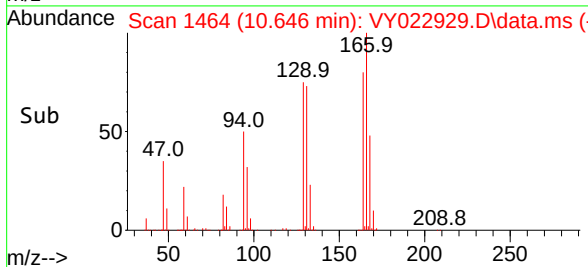
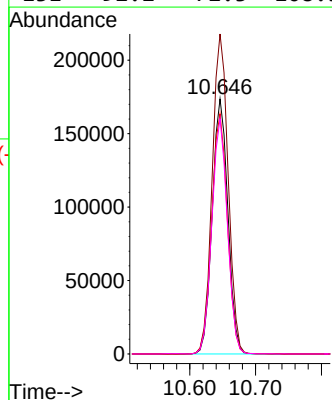
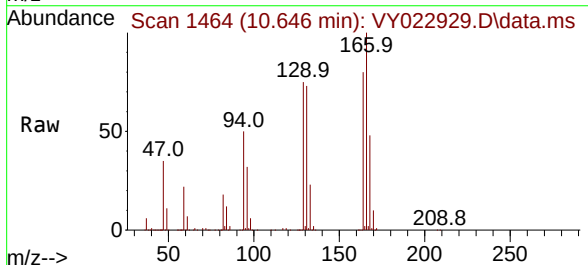
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

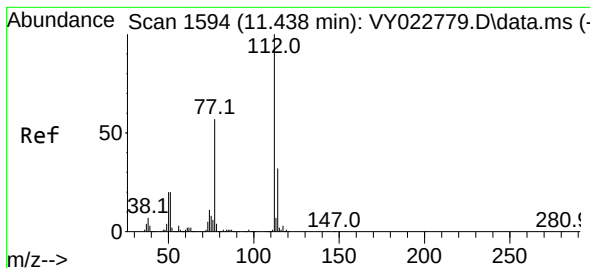
Tgt Ion:117 Resp: 556811
Ion Ratio Lower Upper
117 100
82 59.3 44.6 66.8
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 54.707 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion:164 Resp: 287771
Ion Ratio Lower Upper
164 100
166 125.5 104.0 156.0
129 94.1 74.5 111.7
131 92.2 72.3 108.5





#65

Chlorobenzene

Concen: 53.287 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

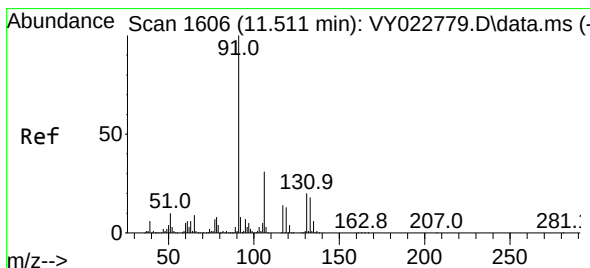
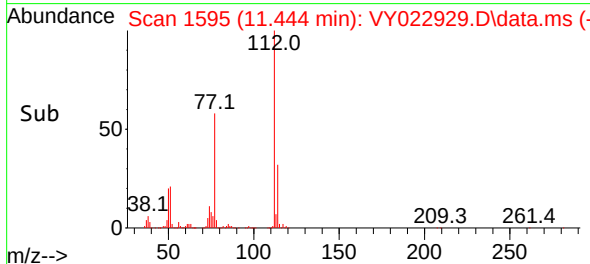
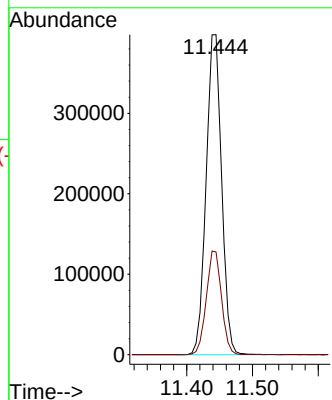
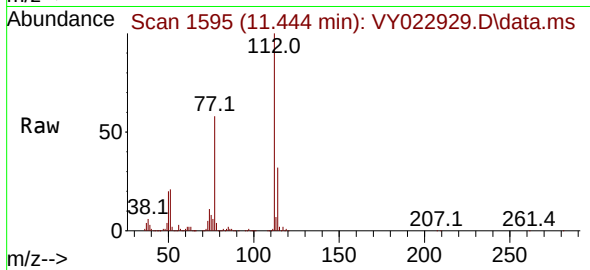
VSTDCCC050

Tgt Ion:112 Resp: 651961

Ion Ratio Lower Upper

112 100

114 32.1 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.642 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

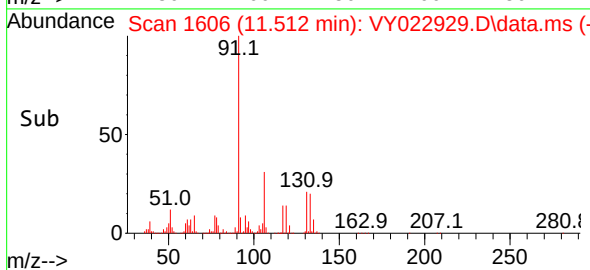
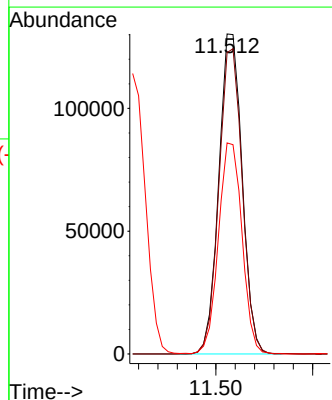
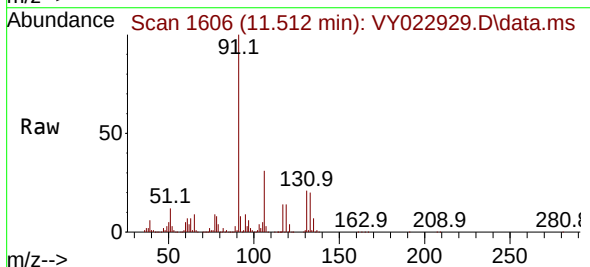
Tgt Ion:131 Resp: 218147

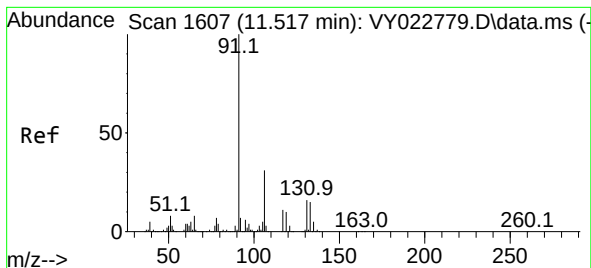
Ion Ratio Lower Upper

131 100

133 95.5 47.3 141.8

119 66.7 33.1 99.3





#67

Ethyl Benzene

Concen: 55.142 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

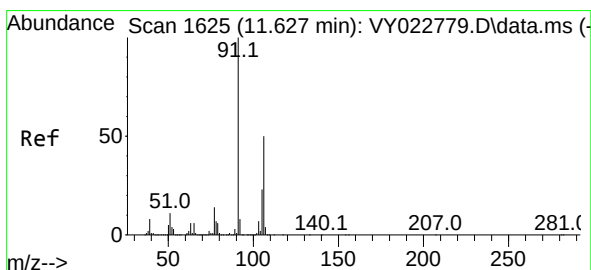
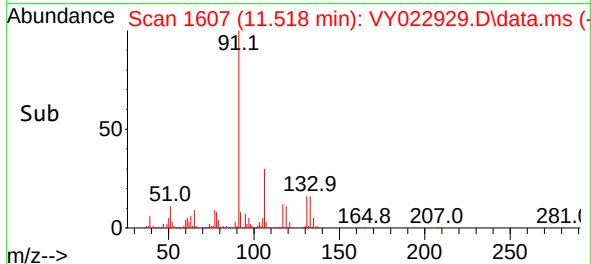
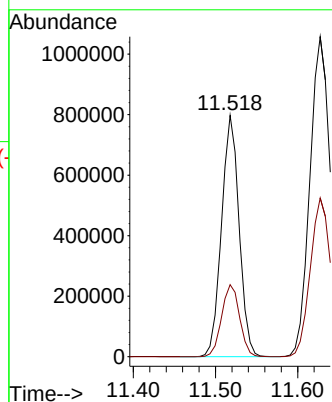
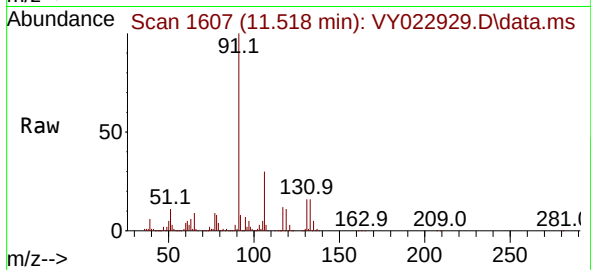
VSTDCCC050

Tgt Ion: 91 Resp: 1185364

Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.4



#68

m/p-Xylenes

Concen: 108.907 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022929.D

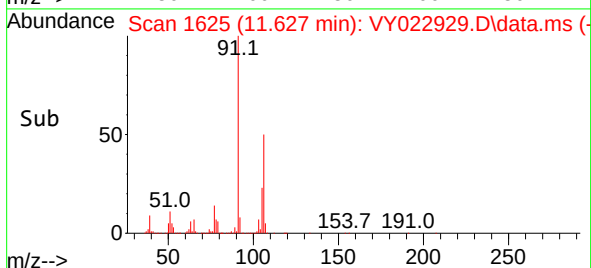
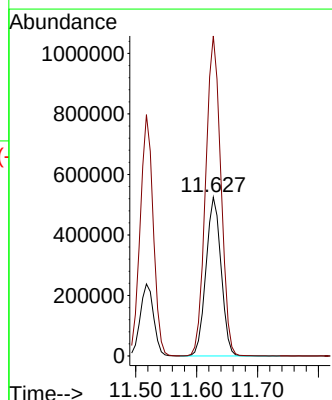
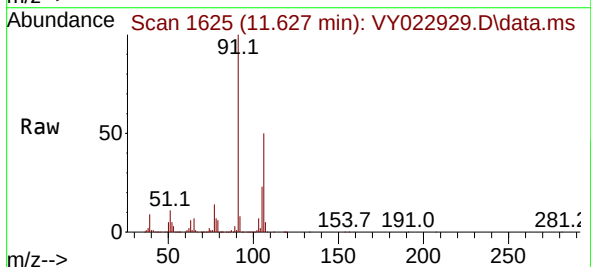
Acq: 03 Jul 2025 09:26

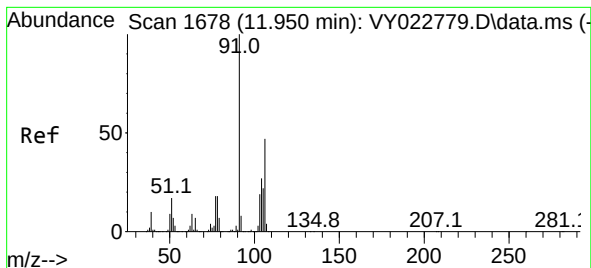
Tgt Ion:106 Resp: 904993

Ion Ratio Lower Upper

106 100

91 203.1 159.4 239.0





#69

o-Xylene

Concen: 53.531 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

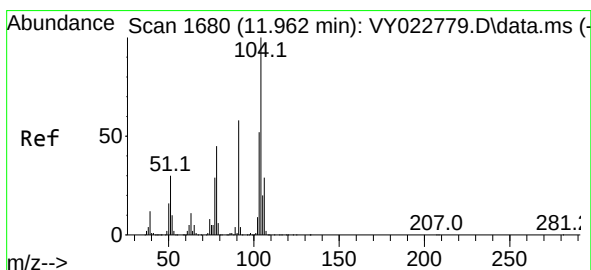
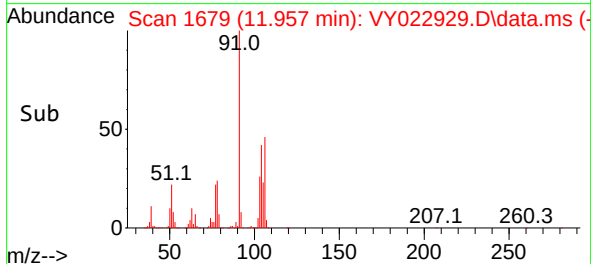
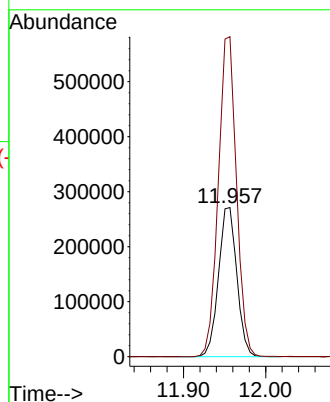
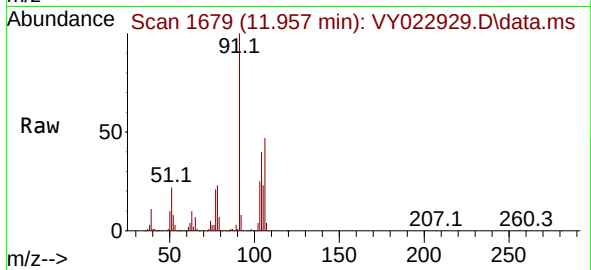
VSTDCCC050

Tgt Ion:106 Resp: 419143

Ion Ratio Lower Upper

106 100

91 213.1 105.8 317.3



#70

Styrene

Concen: 54.220 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

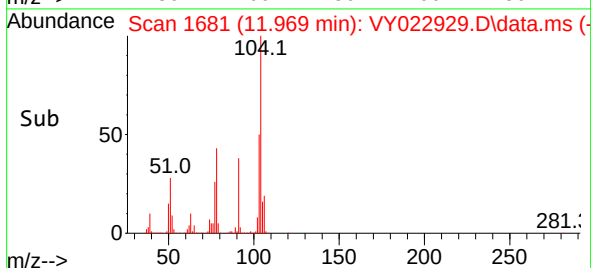
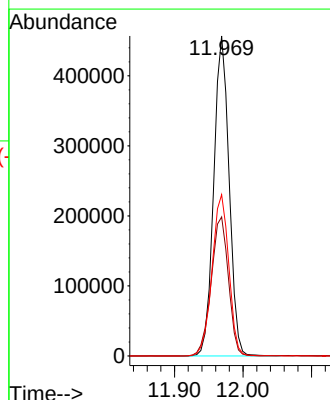
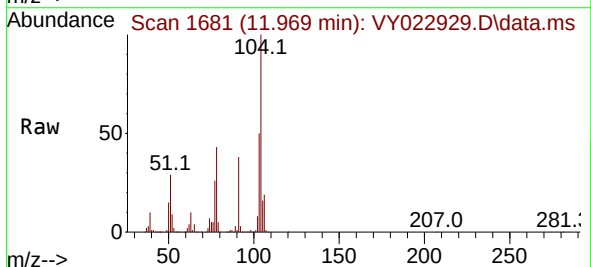
Tgt Ion:104 Resp: 711124

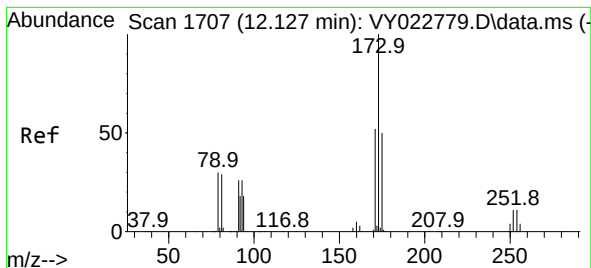
Ion Ratio Lower Upper

104 100

78 48.8 39.5 59.3

103 54.9 44.1 66.1





#71

Bromoform

Concen: 49.986 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

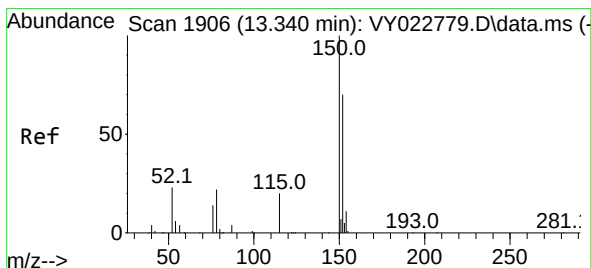
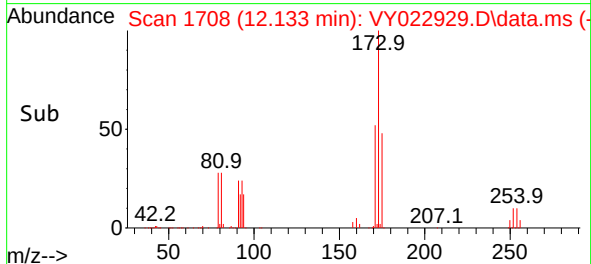
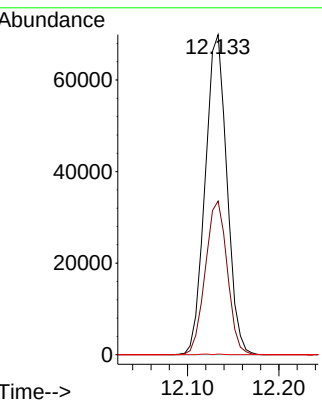
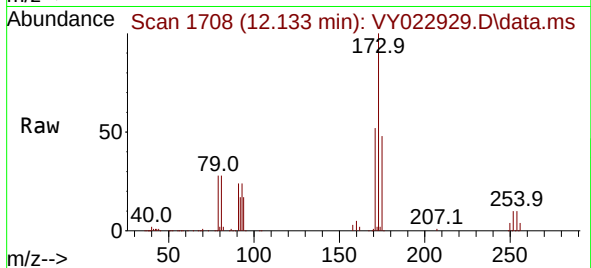
Tgt Ion:173 Resp: 115339

Ion Ratio Lower Upper

173 100

175 48.5 23.8 71.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

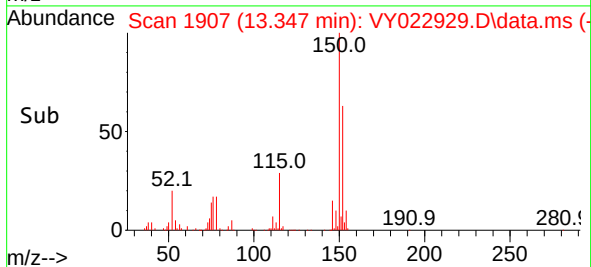
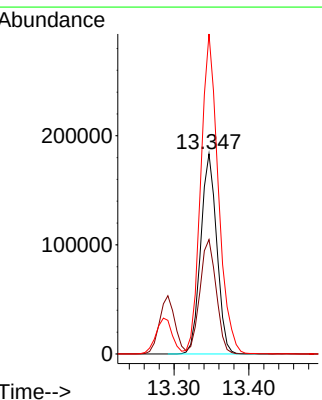
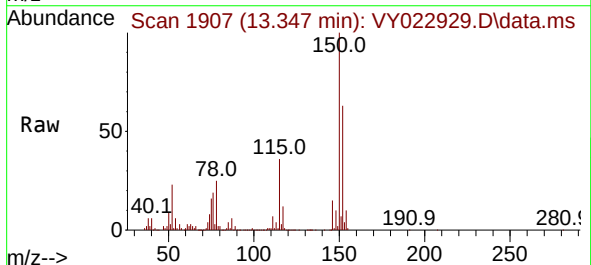
Tgt Ion:152 Resp: 273118

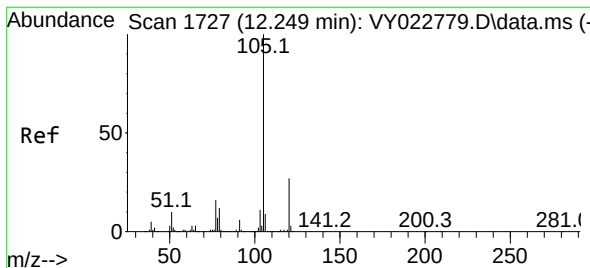
Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 175.0 0.0 349.6





#73

Isopropylbenzene

Concen: 55.014 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

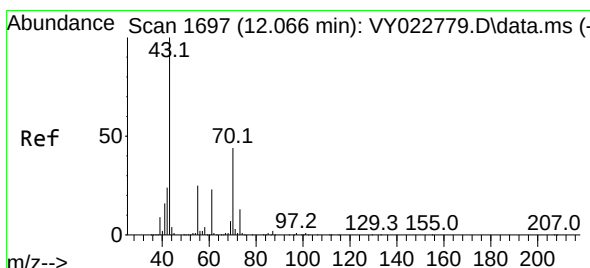
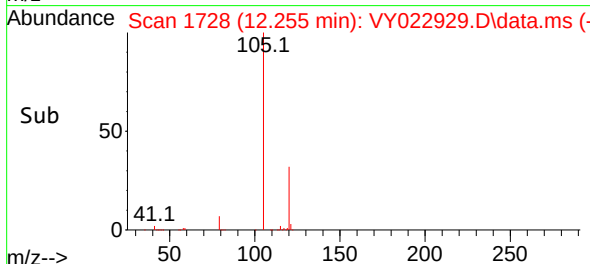
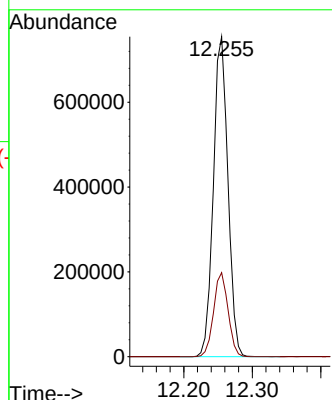
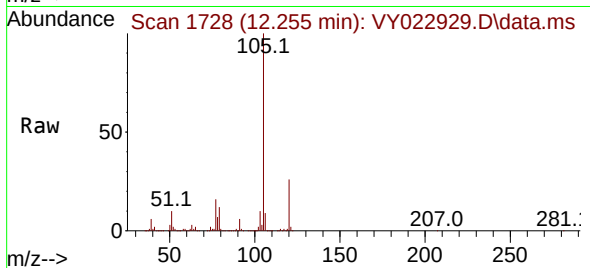
VSTDCCC050

Tgt Ion:105 Resp: 1111224

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 54.490 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Tgt Ion: 43 Resp: 247051

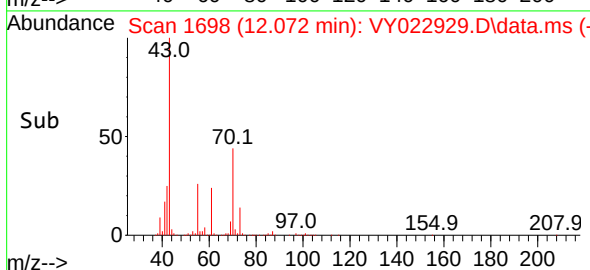
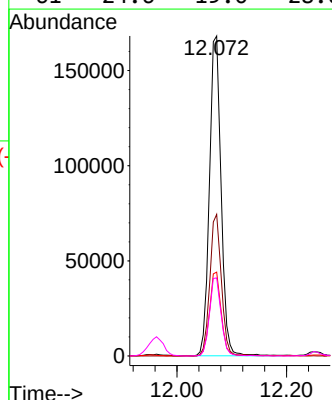
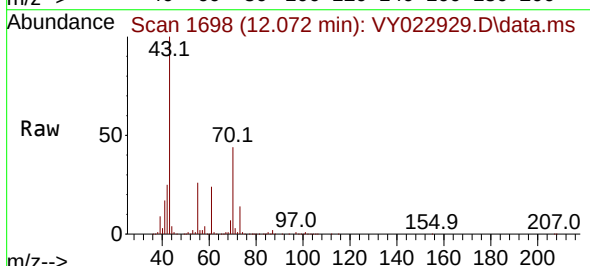
Ion Ratio Lower Upper

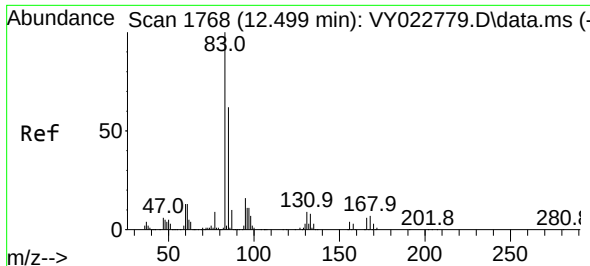
43 100

70 43.8 34.2 51.2

55 26.5 18.2 27.4

61 24.6 19.0 28.6

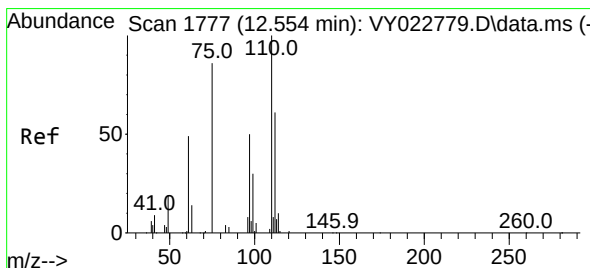
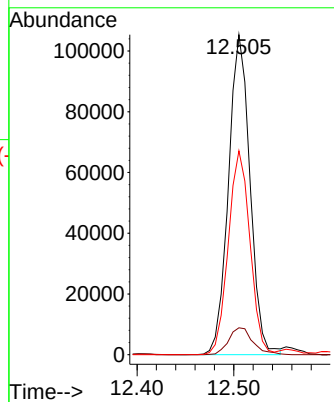
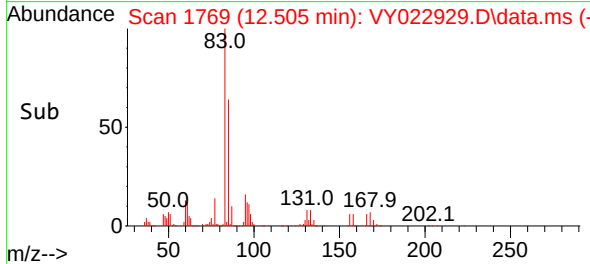
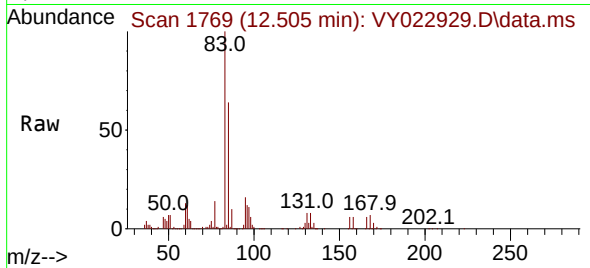




#75
1,1,2,2-Tetrachloroethane
Concen: 50.011 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

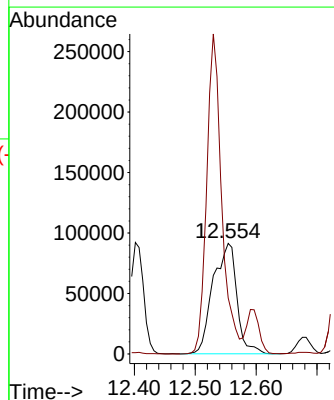
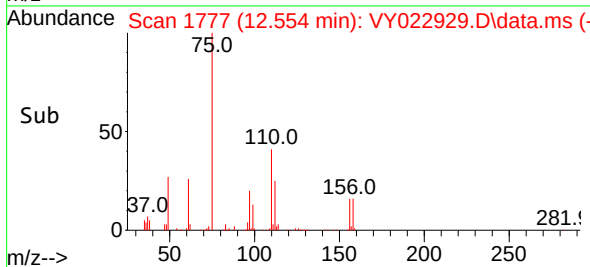
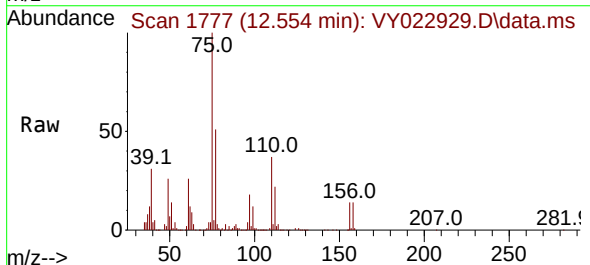
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

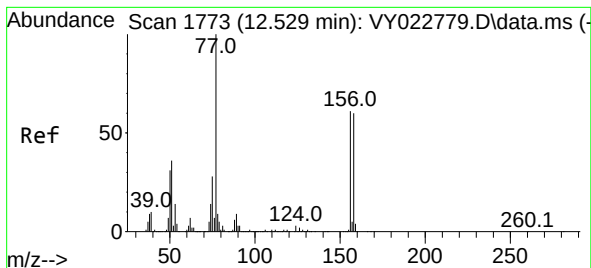
Tgt Ion: 83 Resp: 162805
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 64.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 88.882 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 75 Resp: 247829
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.820 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

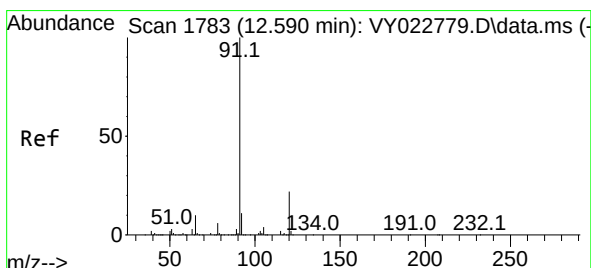
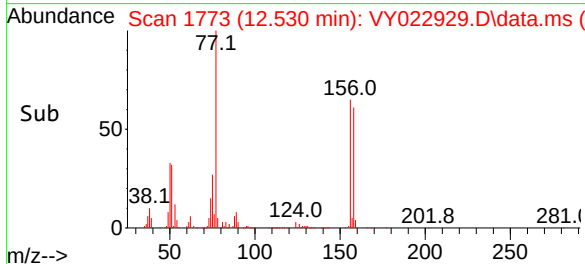
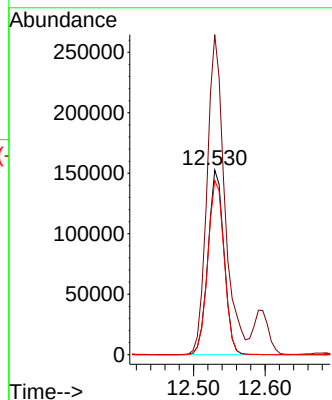
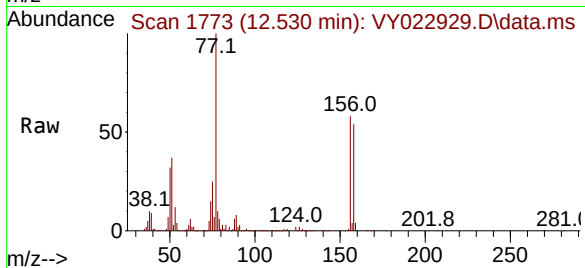
Tgt Ion:156 Resp: 237250

Ion Ratio Lower Upper

156 100

77 190.7 94.0 282.1

158 96.5 48.2 144.6



#78

n-propylbenzene

Concen: 55.477 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022929.D

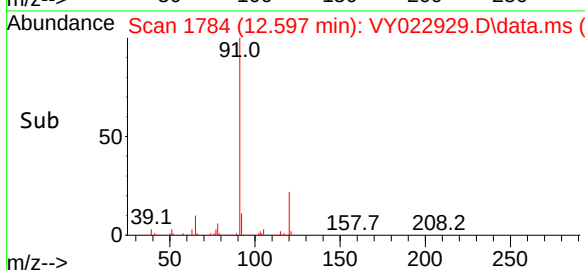
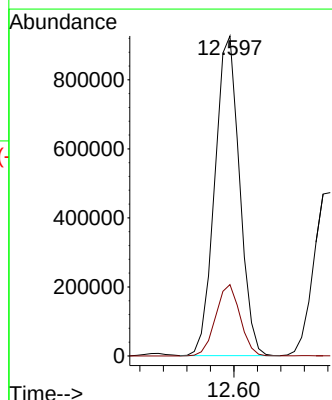
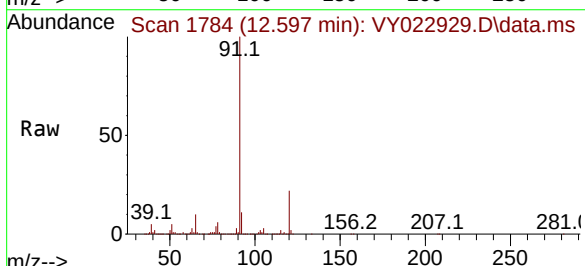
Acq: 03 Jul 2025 09:26

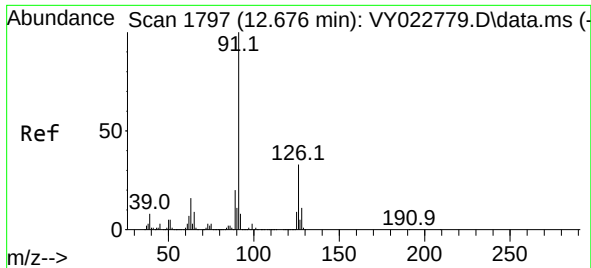
Tgt Ion: 91 Resp: 1352930

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.4

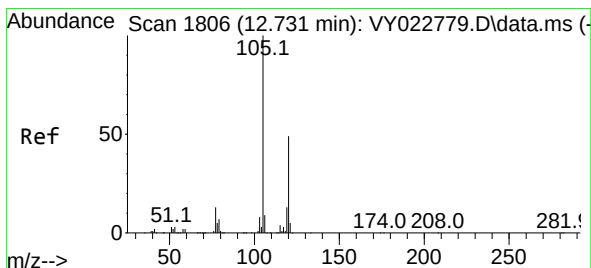
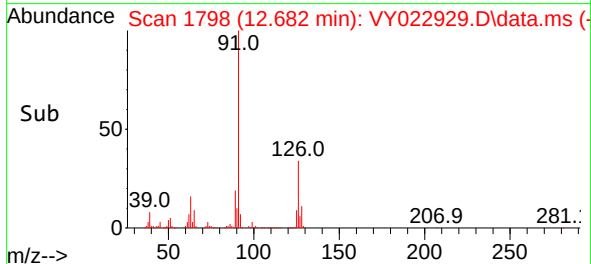
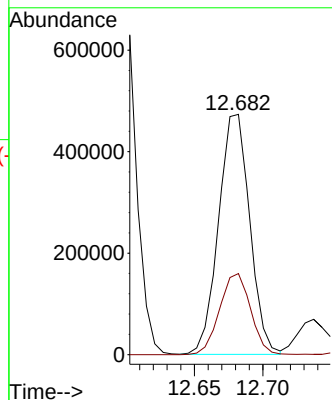
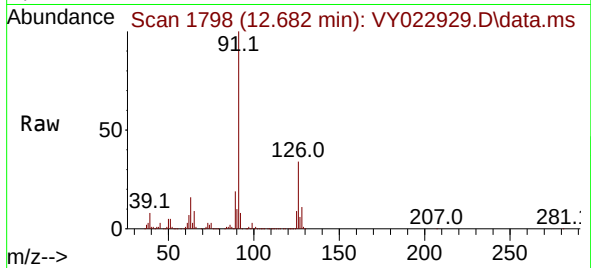




#79
2-Chlorotoluene
Concen: 54.420 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

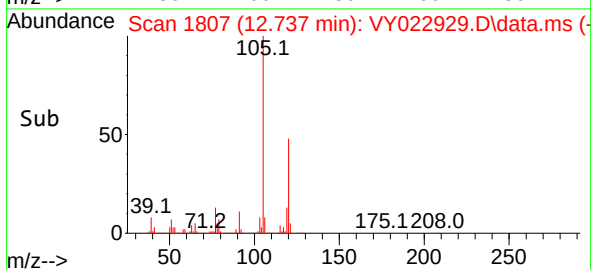
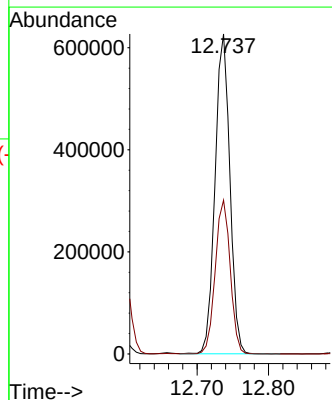
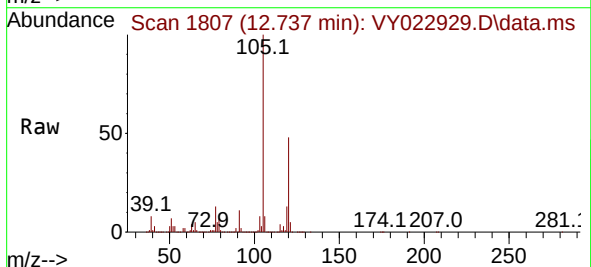
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

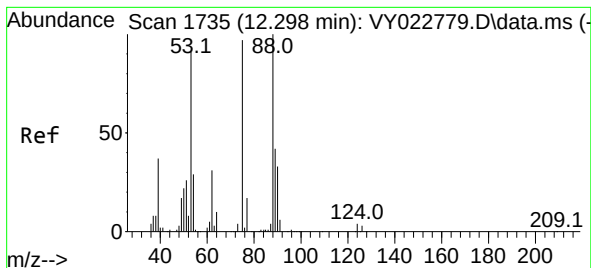
Tgt Ion: 91 Resp: 749820
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 55.216 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 105 Resp: 900336
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.4

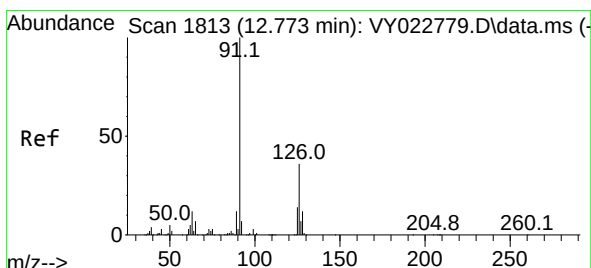
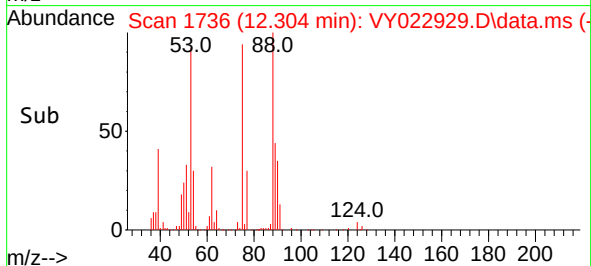
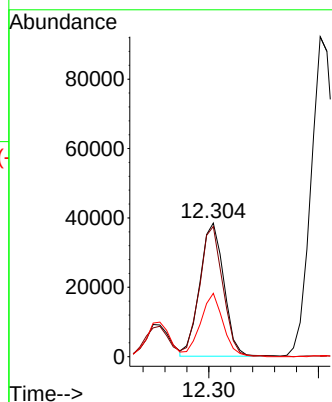
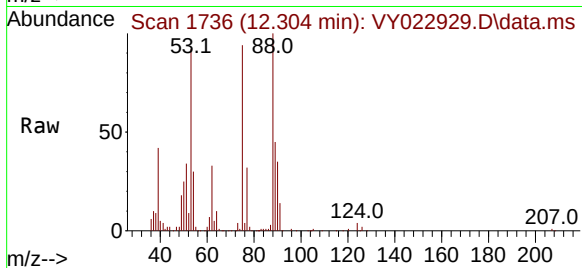




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.038 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

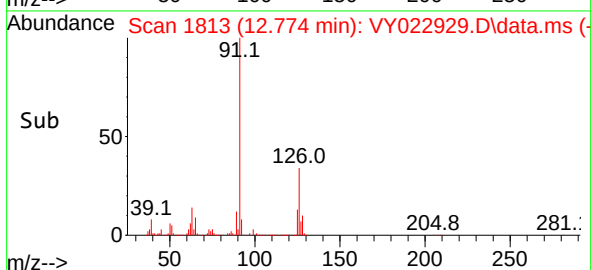
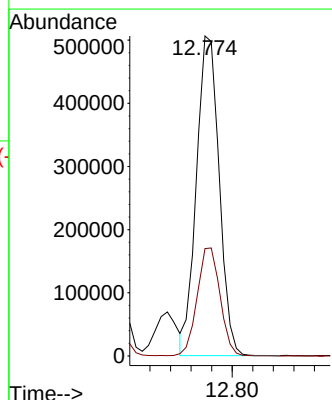
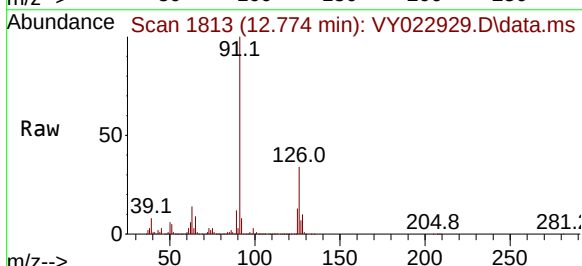
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

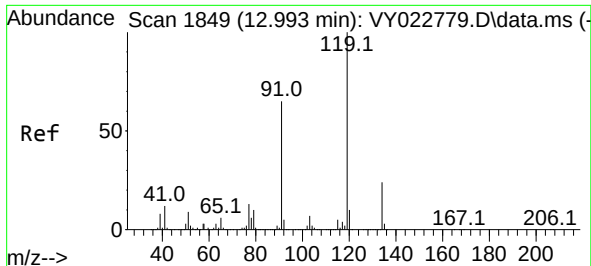
Tgt Ion: 75 Resp: 58536
 Ion Ratio Lower Upper
 75 100
 53 95.6 78.5 117.7
 89 45.0 35.7 53.5



#82
 4-Chlorotoluene
 Concen: 53.872 ug/l
 RT: 12.774 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

Tgt Ion: 91 Resp: 779678
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 50.9

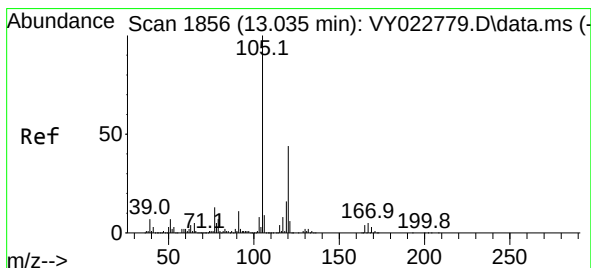
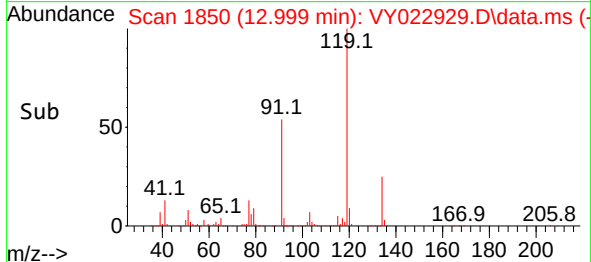
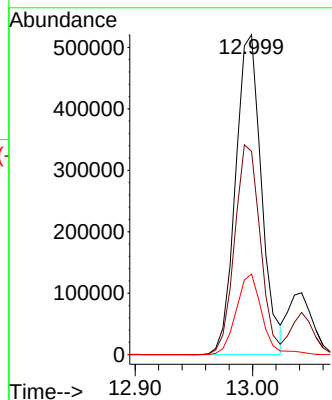
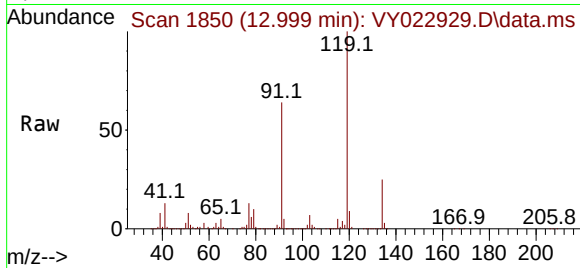




#83
 tert-Butylbenzene
 Concen: 55.584 ug/l
 RT: 12.999 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

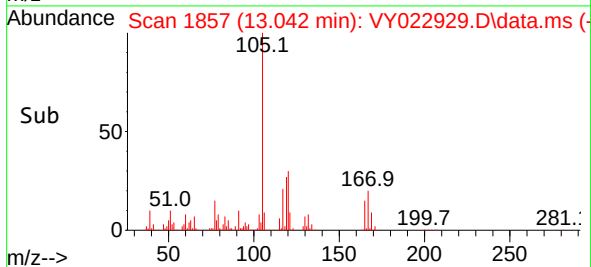
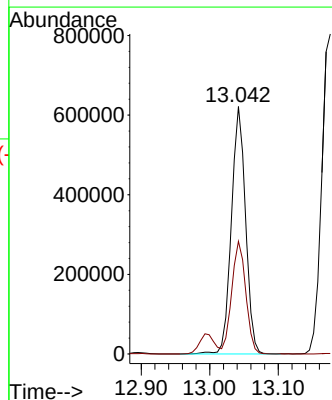
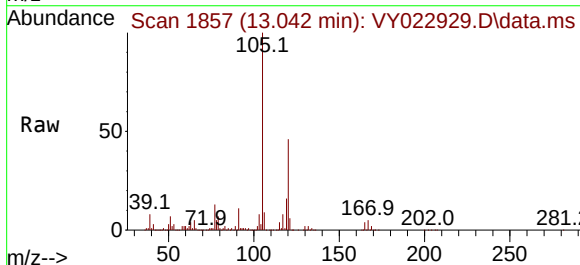
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

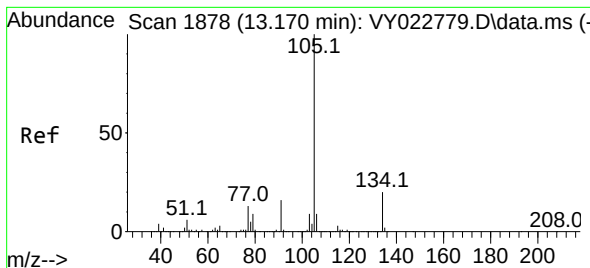
Tgt Ion:119 Resp: 799316
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.1 96.3
 134 25.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 54.542 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

Tgt Ion:105 Resp: 890409
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 55.247 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

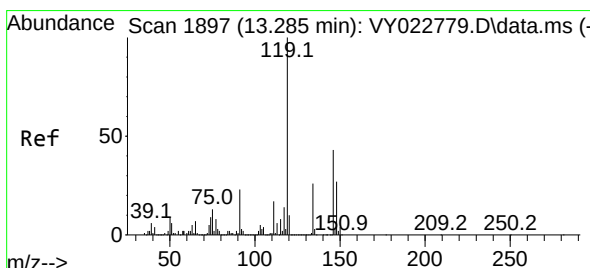
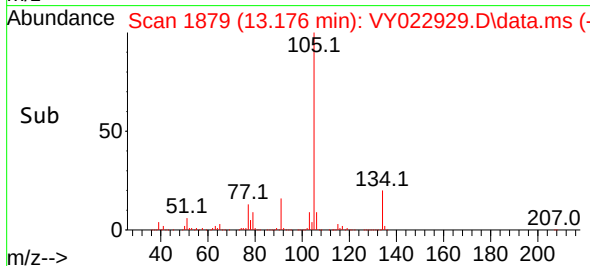
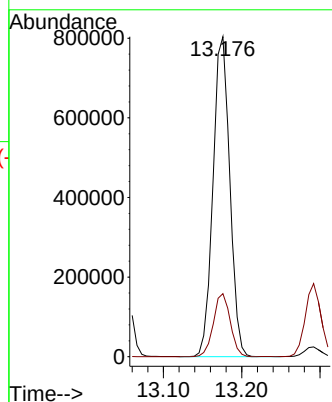
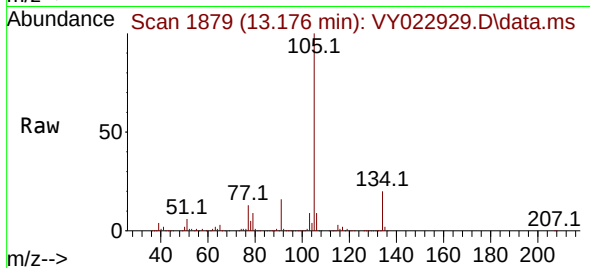
VSTDCCC050

Tgt Ion:105 Resp: 1195350

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 55.152 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

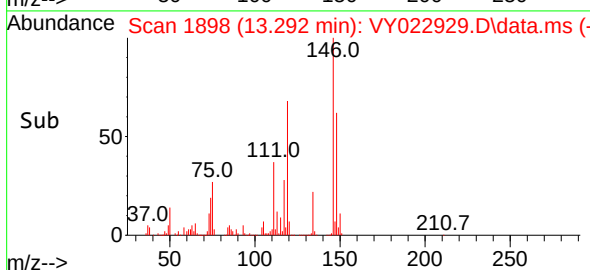
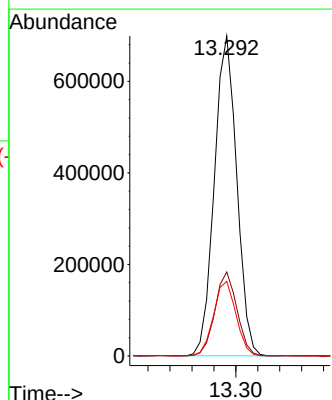
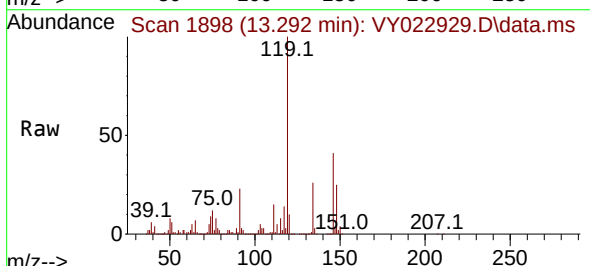
Tgt Ion:119 Resp: 993029

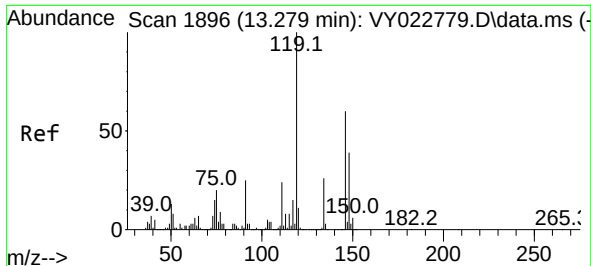
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.3 11.6 34.8

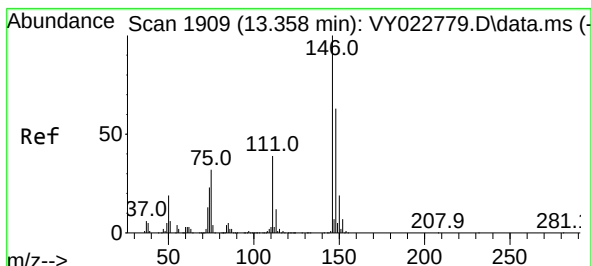
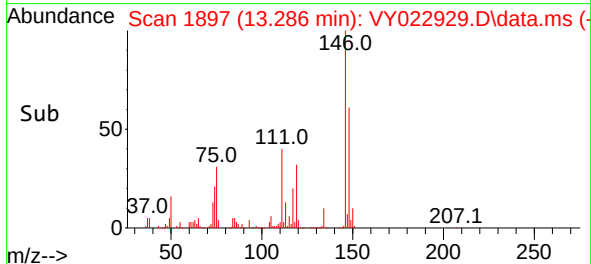
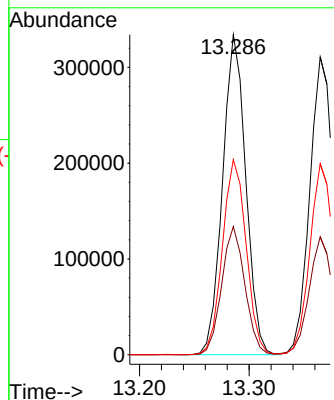
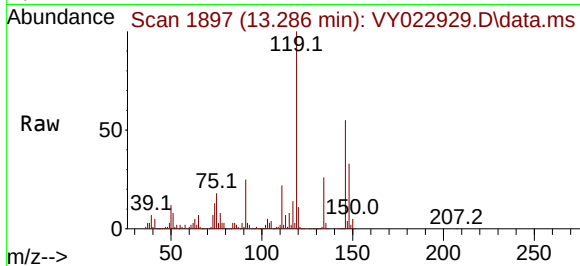




#87
 1,3-Dichlorobenzene
 Concen: 53.495 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

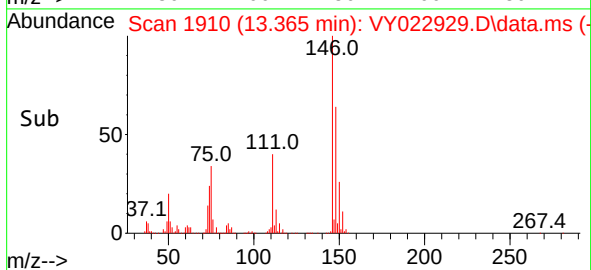
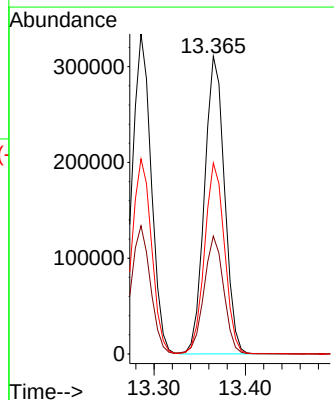
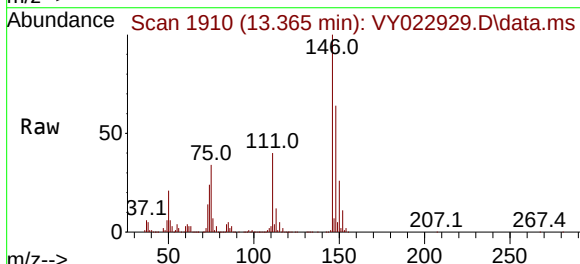
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

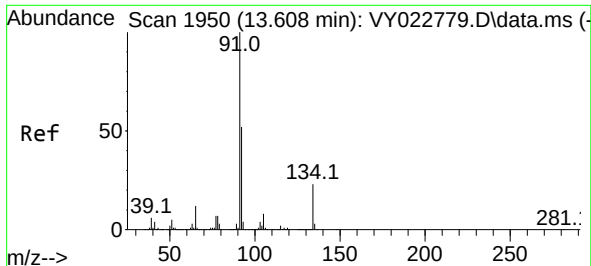
Tgt Ion:146 Resp: 491888
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.2
 148 62.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 51.654 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

Tgt Ion:146 Resp: 471793
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.2
 148 64.1 31.6 94.8

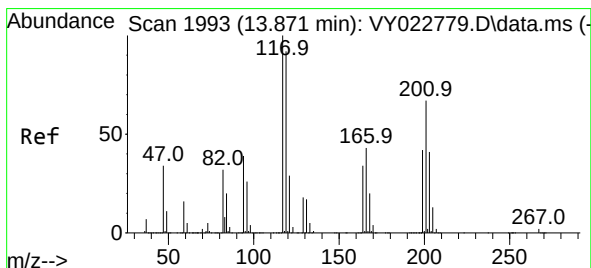
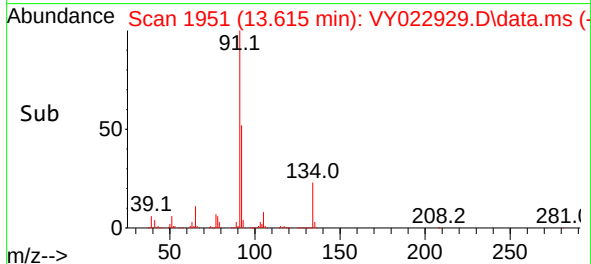
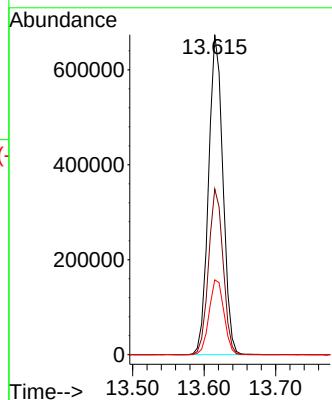
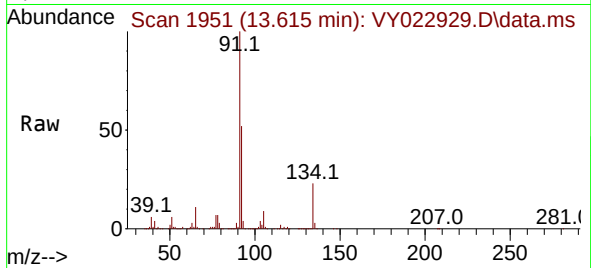




#89
n-Butylbenzene
Concen: 55.546 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

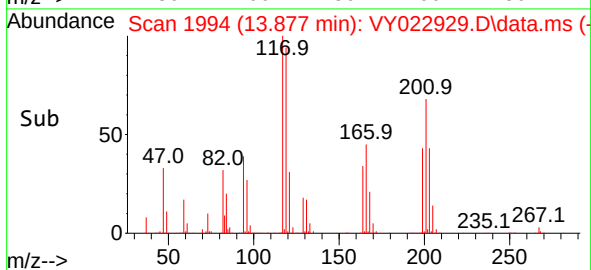
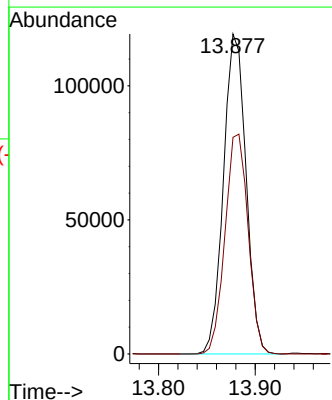
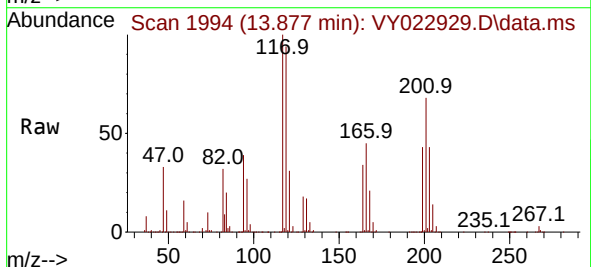
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

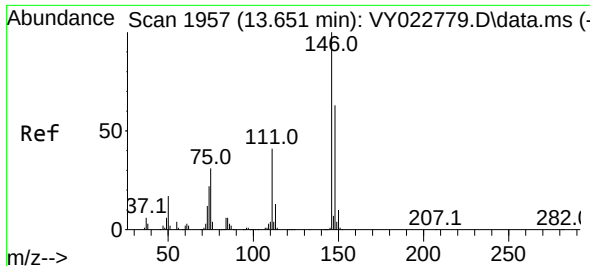
Tgt Ion: 91 Resp: 940757
Ion Ratio Lower Upper
91 100
92 52.3 25.9 77.8
134 24.2 12.0 36.1



#90
Hexachloroethane
Concen: 53.852 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022929.D
Acq: 03 Jul 2025 09:26

Tgt Ion: 117 Resp: 193122
Ion Ratio Lower Upper
117 100
201 70.5 34.0 102.0

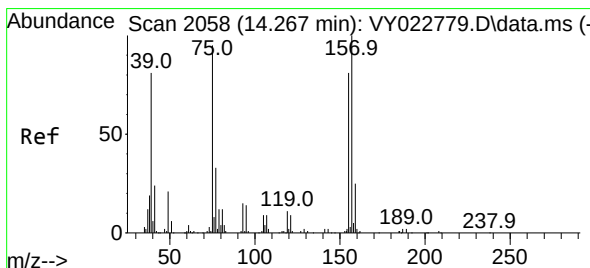
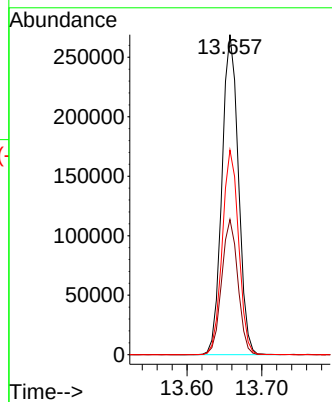
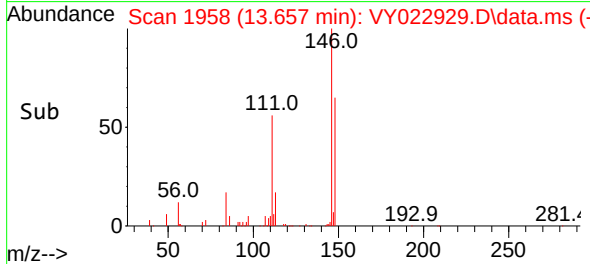
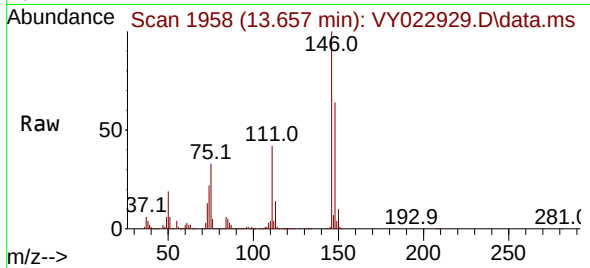




#91
 1,2-Dichlorobenzene
 Concen: 50.925 ug/l
 RT: 13.657 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

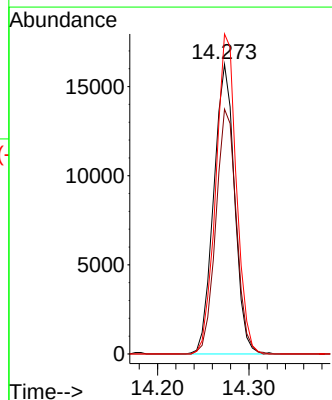
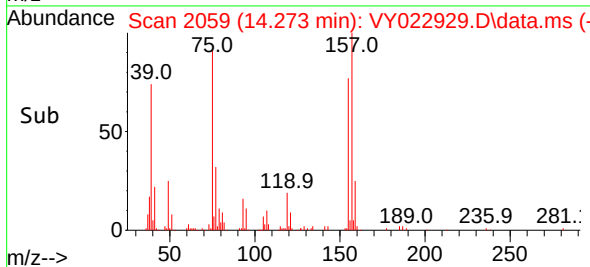
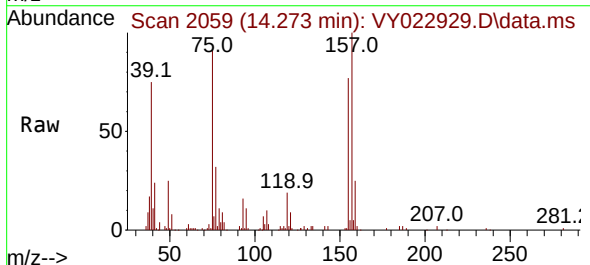
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

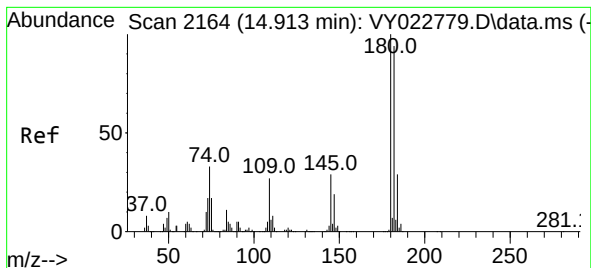
Tgt Ion:146 Resp: 412651
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.2 60.6
 148 63.6 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.591 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022929.D
 Acq: 03 Jul 2025 09:26

Tgt Ion: 75 Resp: 25721
 Ion Ratio Lower Upper
 75 100
 155 83.2 39.9 119.6
 157 109.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 47.848 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

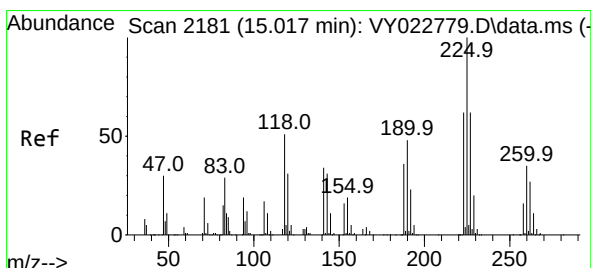
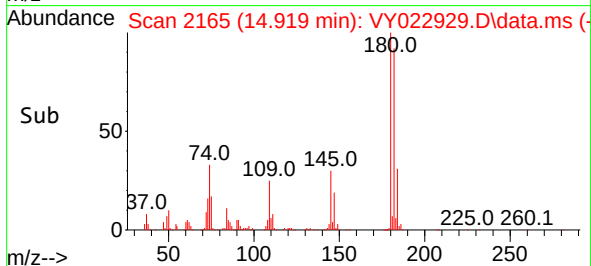
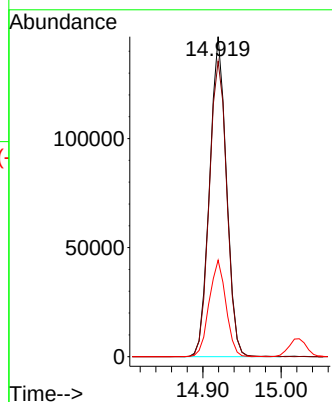
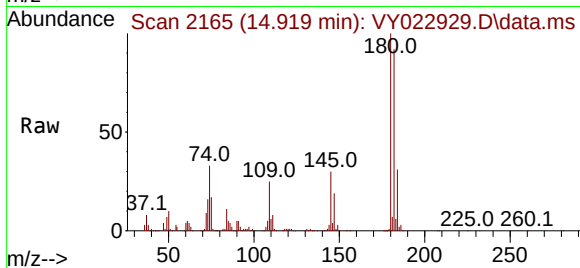
Tgt Ion:180 Resp: 218911

Ion Ratio Lower Upper

180 100

182 96.3 48.4 145.3

145 30.0 15.5 46.5



#94

Hexachlorobutadiene

Concen: 48.629 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

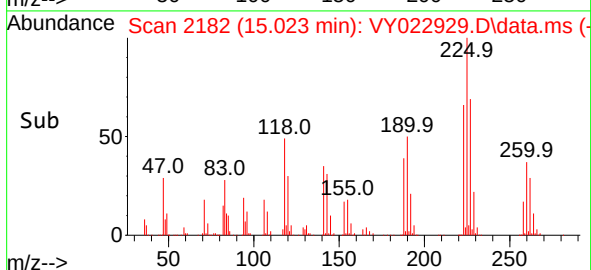
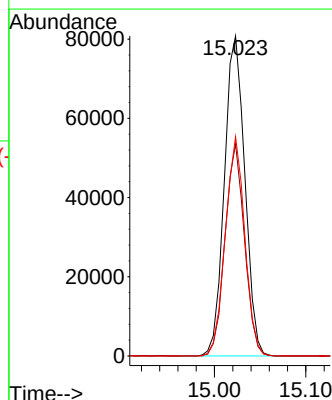
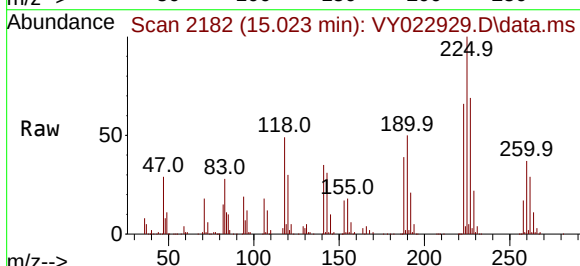
Tgt Ion:225 Resp: 125810

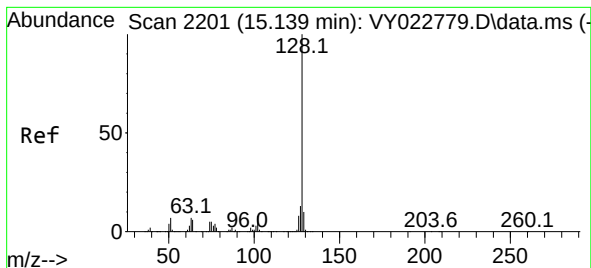
Ion Ratio Lower Upper

225 100

223 62.9 32.5 97.4

227 65.2 32.3 96.9





#95

Naphthalene

Concen: 46.711 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

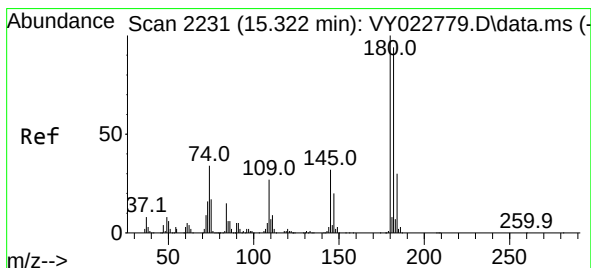
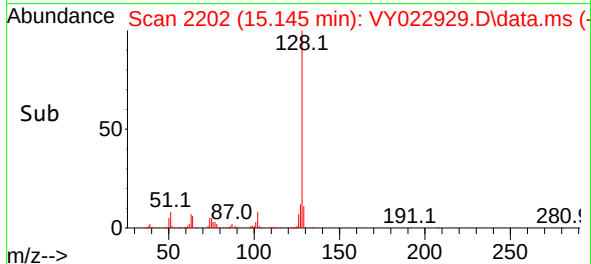
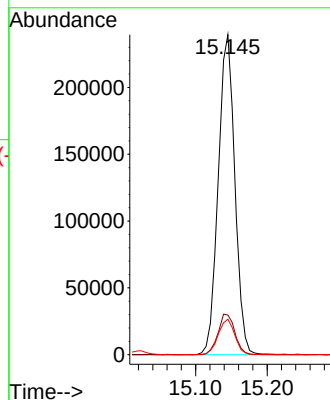
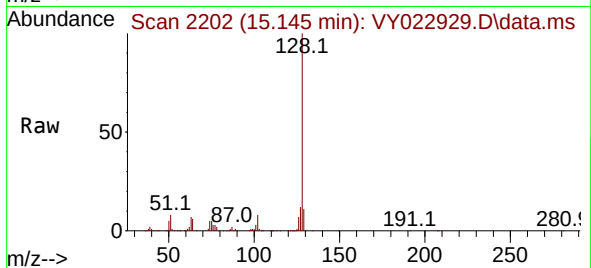
Tgt Ion:128 Resp: 386461

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 46.460 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022929.D

Acq: 03 Jul 2025 09:26

Tgt Ion:180 Resp: 183678

Ion Ratio Lower Upper

180 100

182 94.1 47.1 141.3

145 31.4 15.2 45.6

