

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022927.D
 Acq On : 02 Jul 2025 21:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 03 02:29:48 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	361292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	621445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	543354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	263643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	197391	48.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.900%
35) Dibromofluoromethane	7.634	113	185419	49.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.120%
50) Toluene-d8	10.103	98	740326	49.365	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.401	95	225167	46.705	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	135877	43.981	ug/l	97
3) Chloromethane	2.068	50	334748	56.743	ug/l	99
4) Vinyl Chloride	2.202	62	383837	52.079	ug/l	100
5) Bromomethane	2.598	94	303836	52.438	ug/l	98
6) Chloroethane	2.732	64	273701	55.246	ug/l	93
7) Trichlorofluoromethane	3.056	101	385155	47.195	ug/l	100
8) Diethyl Ether	3.458	74	101675	50.443	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	182233	48.863	ug/l	98
10) Methyl Iodide	4.007	142	230716	56.819	ug/l	99
11) Tert butyl alcohol	4.885	59	51697	192.809	ug/l	97
12) 1,1-Dichloroethene	3.793	96	182947	50.027	ug/l	97
13) Acrolein	3.665	56	35510	97.668	ug/l	99
14) Allyl chloride	4.385	41	294653	52.384	ug/l	95
15) Acrylonitrile	5.067	53	211014	250.915	ug/l	99
16) Acetone	3.879	43	155472	203.991	ug/l	99
17) Carbon Disulfide	4.104	76	592839	50.181	ug/l	99
18) Methyl Acetate	4.391	43	131145	51.959	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	485368	48.744	ug/l	100
20) Methylene Chloride	4.616	84	241384	50.151	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	219132	52.430	ug/l	99
22) Diisopropyl ether	6.025	45	676127	54.126	ug/l	97
23) Vinyl Acetate	5.964	43	1704592	247.078	ug/l	99
24) 1,1-Dichloroethane	5.921	63	408873	54.189	ug/l	99
25) 2-Butanone	6.896	43	253249	228.306	ug/l	97
26) 2,2-Dichloropropane	6.890	77	304046	48.071	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	253063	52.107	ug/l	100
28) Bromochloromethane	7.244	49	169181	53.333	ug/l	97
29) Tetrahydrofuran	7.268	42	167719	239.451	ug/l	99
30) Chloroform	7.421	83	412795	53.117	ug/l	99
31) Cyclohexane	7.701	56	338254	48.837	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	347057	51.678	ug/l	100
36) 1,1-Dichloropropene	7.835	75	288565	50.373	ug/l	100
37) Ethyl Acetate	6.988	43	117209	47.415	ug/l	97
38) Carbon Tetrachloride	7.817	117	301772	49.926	ug/l	99
39) Methylcyclohexane	9.109	83	361052	48.703	ug/l	95
40) Benzene	8.085	78	925786	52.564	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	75128	49.368	ug/l	91
42) 1,2-Dichloroethane	8.158	62	245502	50.867	ug/l	99
43) Isopropyl Acetate	8.201	43	242406	47.182	ug/l	99
44) Trichloroethene	8.866	130	223903	50.634	ug/l	97
45) 1,2-Dichloropropane	9.140	63	217424	52.746	ug/l	98
46) Dibromomethane	9.231	93	116068	49.601	ug/l	98
47) Bromodichloromethane	9.420	83	312040	51.712	ug/l	100
48) Methyl methacrylate	9.219	41	118805	48.102	ug/l	96
49) 1,4-Dioxane	9.237	88	23331	843.908	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	636768	243.895	ug/l	96
52) Toluene	10.170	92	582362	52.411	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	263782	48.586	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	318358	50.573	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	150639	49.715	ug/l	96
56) Ethyl methacrylate	10.438	69	198142	48.604	ug/l	95
57) 1,3-Dichloropropane	10.713	76	264037	49.945	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	531334	248.110	ug/l	99
59) 2-Hexanone	10.762	43	414804	233.687	ug/l	98
60) Dibromochloromethane	10.908	129	196620	50.237	ug/l	99
61) 1,2-Dibromoethane	11.011	107	137540	48.507	ug/l	97
64) Tetrachloroethene	10.646	164	265389	51.702	ug/l	99
65) Chlorobenzene	11.438	112	608206	50.942	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	204017	50.451	ug/l	99
67) Ethyl Benzene	11.518	91	1087741	51.854	ug/l	98
68) m/p-Xylenes	11.627	106	848547	104.643	ug/l	99
69) o-Xylene	11.950	106	393635	51.518	ug/l	100
70) Styrene	11.969	104	664236	51.899	ug/l	99
71) Bromoform	12.127	173	106511	47.303	ug/l #	99
73) Isopropylbenzene	12.249	105	1016815	52.149	ug/l	99
74) N-amyl acetate	12.066	43	210365	48.066	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	147493	46.935	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	219322	81.485	ug/l #	100
77) Bromobenzene	12.530	156	221335	50.081	ug/l	99
78) n-propylbenzene	12.590	91	1240075	52.677	ug/l	98
79) 2-Chlorotoluene	12.676	91	691817	52.015	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	831057	52.799	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	48662	45.676	ug/l	99
82) 4-Chlorotoluene	12.773	91	716622	51.295	ug/l	100
83) tert-Butylbenzene	12.993	119	736047	53.024	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	823637	52.265	ug/l	100
85) sec-Butylbenzene	13.170	105	1098845	52.612	ug/l	100
86) p-Isopropyltoluene	13.285	119	903855	52.003	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	449174	50.605	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	433373	49.152	ug/l	99
89) n-Butylbenzene	13.615	91	834023	51.014	ug/l	99
90) Hexachloroethane	13.877	117	178789	51.647	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	384429	49.147	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	22672	42.544	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	192806	43.657	ug/l	99
94) Hexachlorobutadiene	15.023	225	109453	43.827	ug/l	98
95) Naphthalene	15.139	128	346512	43.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	164987	43.232	ug/l	99

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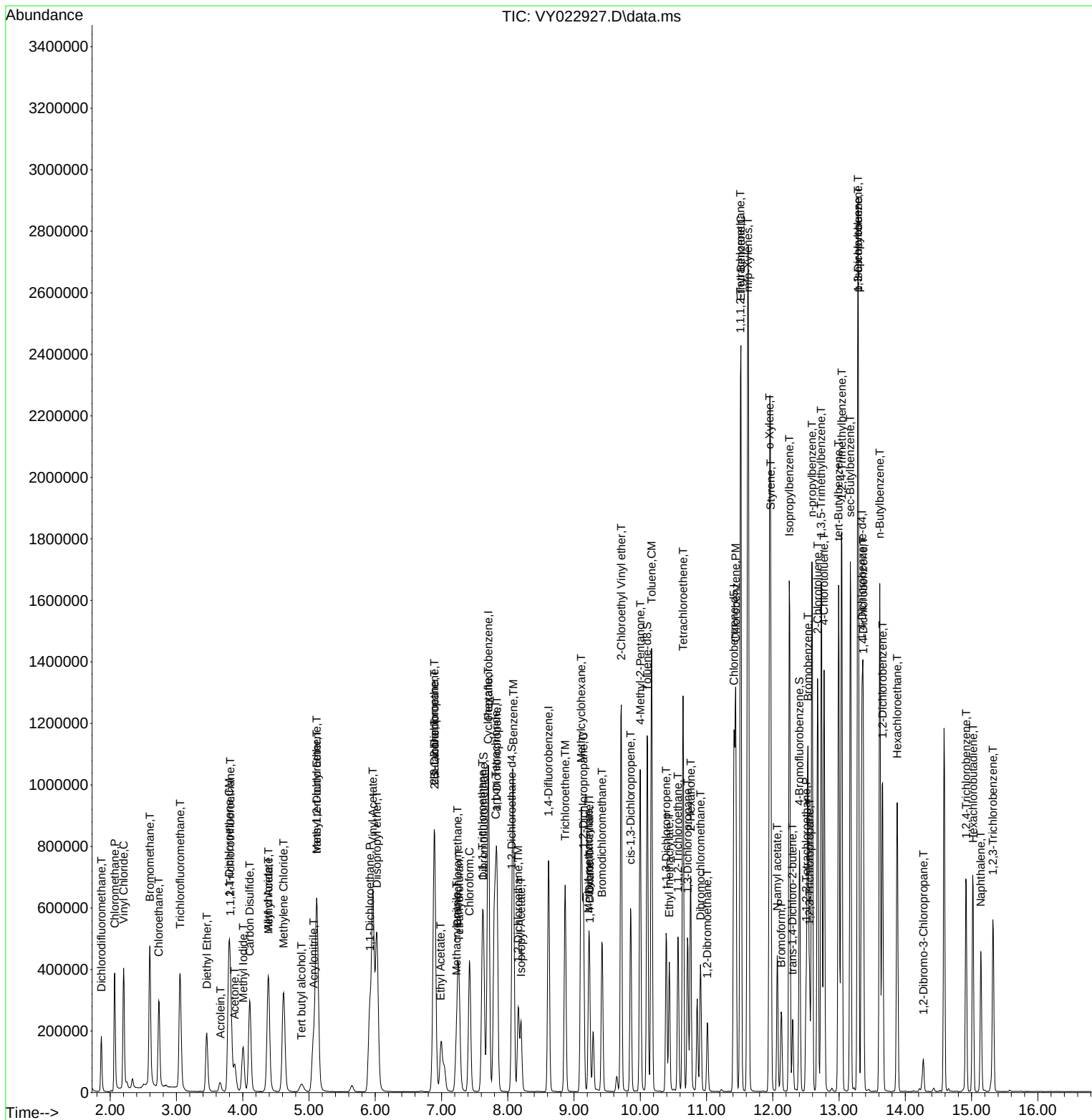
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

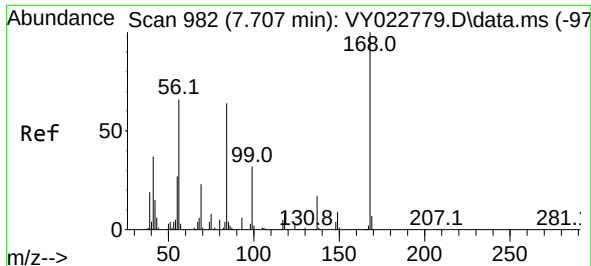
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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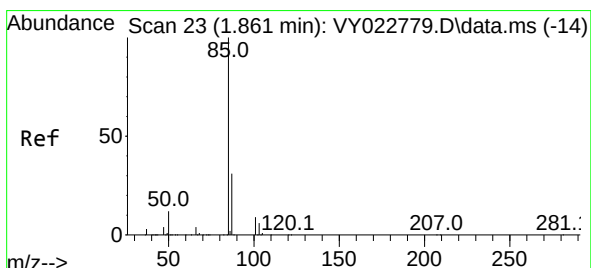
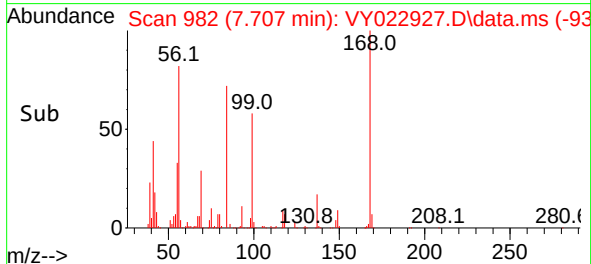
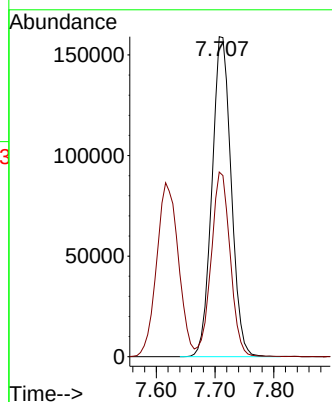
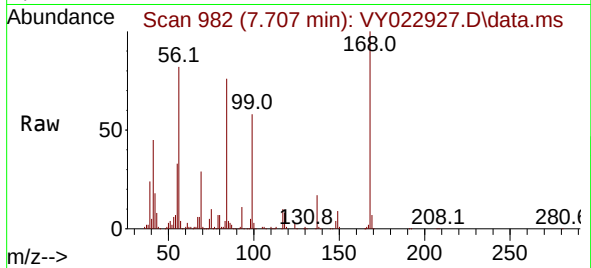




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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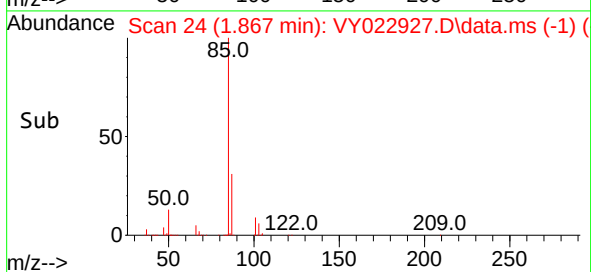
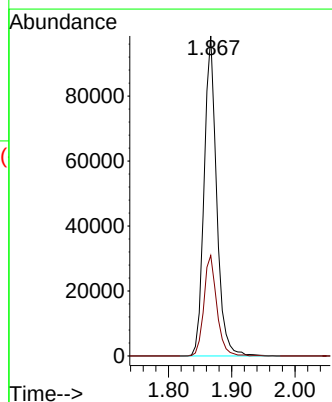
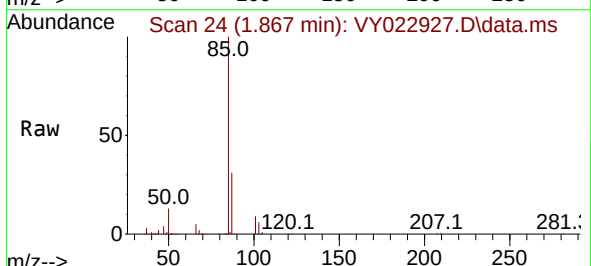
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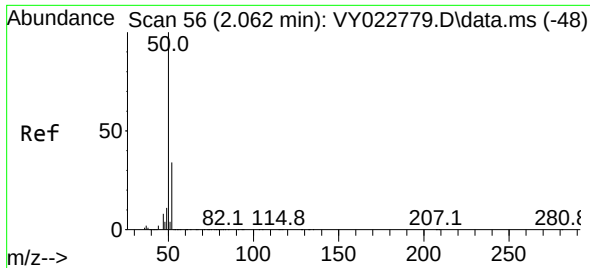
Tgt Ion:168 Resp: 361292
Ion Ratio Lower Upper
168 100
99 57.6 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 43.981 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 85 Resp: 135877
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.0

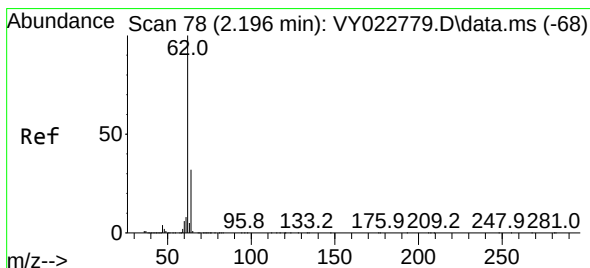
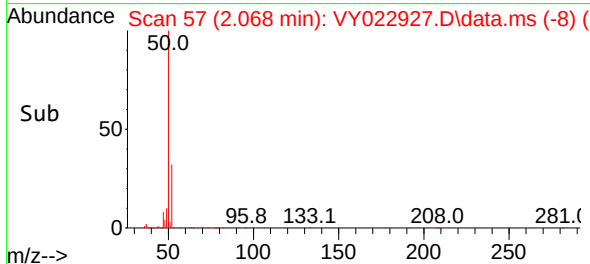
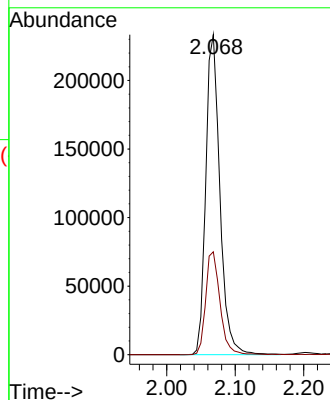
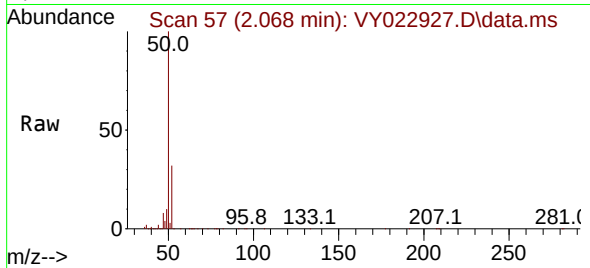




#3
Chloromethane
Concen: 56.743 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

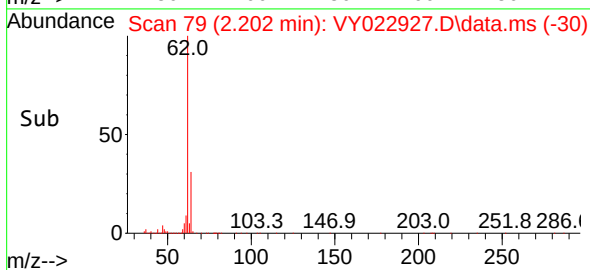
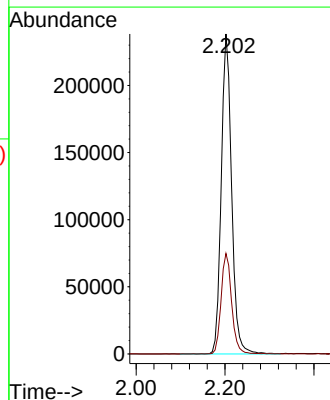
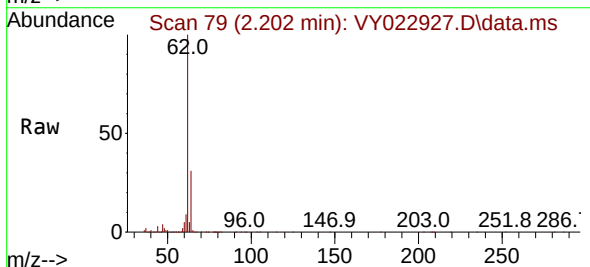
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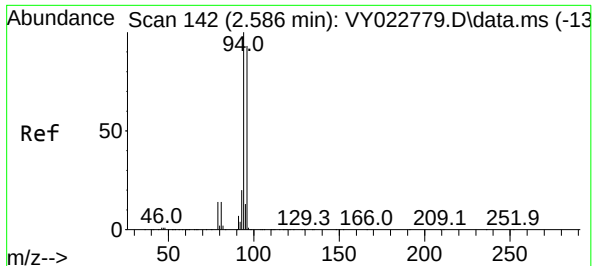
Tgt Ion: 50 Resp: 334748
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0



#4
Vinyl Chloride
Concen: 52.079 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 62 Resp: 383837
Ion Ratio Lower Upper
62 100
64 31.4 25.3 37.9

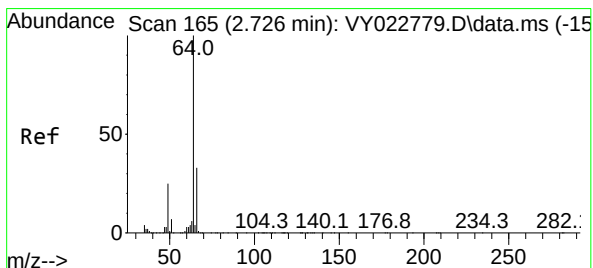
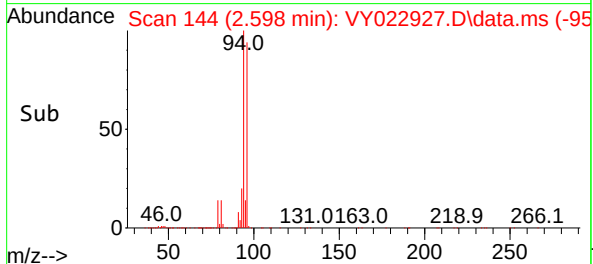
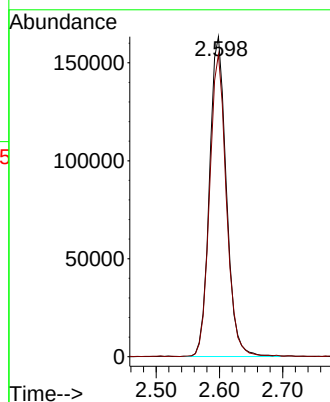
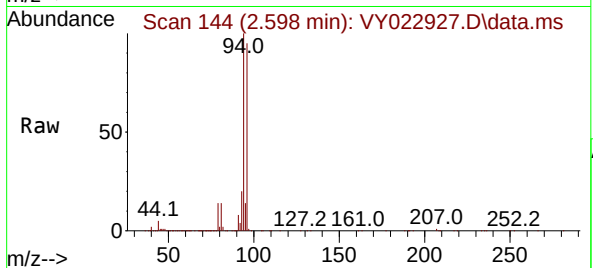




#5
Bromomethane
Concen: 52.438 ug/l
RT: 2.598 min Scan# 142
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

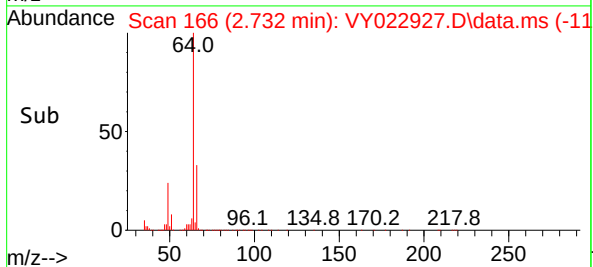
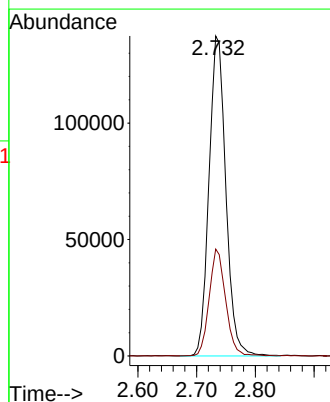
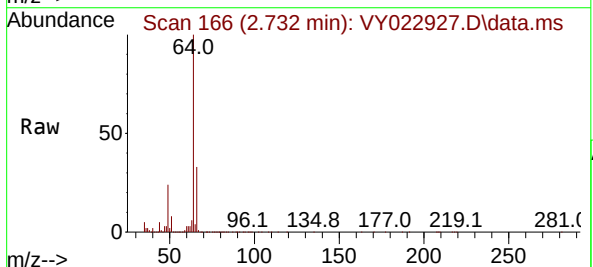
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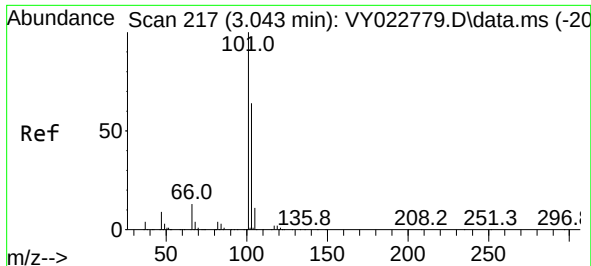
Tgt Ion: 94 Resp: 303836
Ion Ratio Lower Upper
94 100
96 94.5 74.0 111.0



#6
Chloroethane
Concen: 55.246 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022927.D
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Tgt Ion: 64 Resp: 273701
Ion Ratio Lower Upper
64 100
66 33.3 23.8 35.6

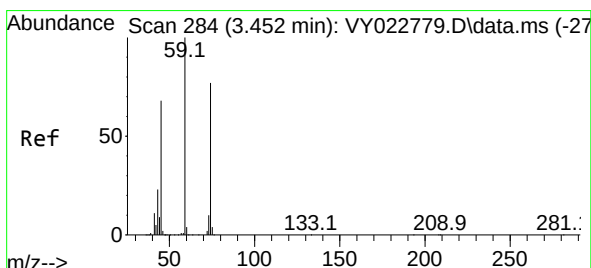
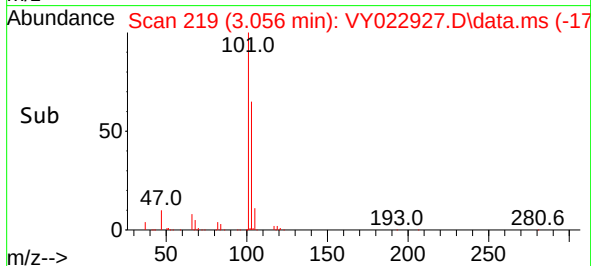
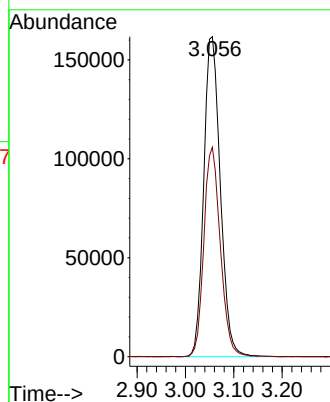
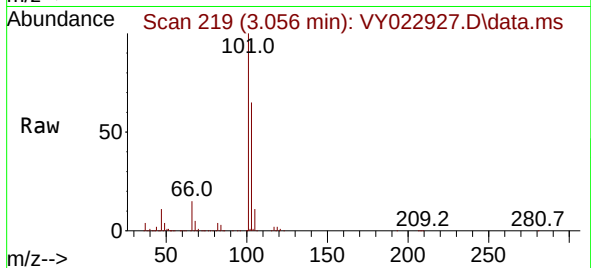




#7
 Trichlorofluoromethane
 Concen: 47.195 ug/l
 RT: 3.056 min Scan# 217
 Delta R.T. -0.000 min
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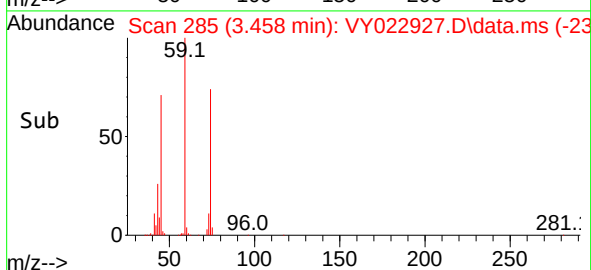
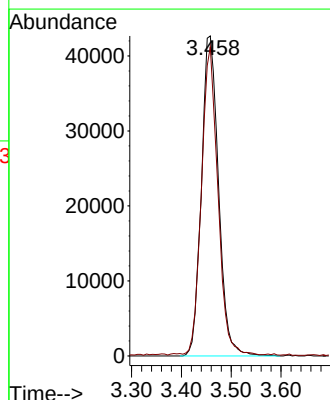
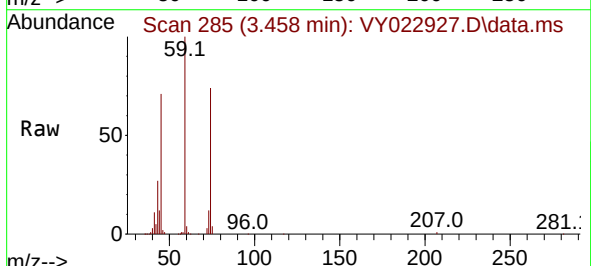
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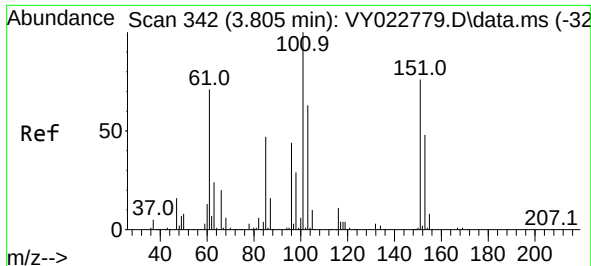
Tgt Ion:101 Resp: 385155
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2



#8
 Diethyl Ether
 Concen: 50.443 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 101675
 Ion Ratio Lower Upper
 74 100
 45 91.9 45.9 137.6

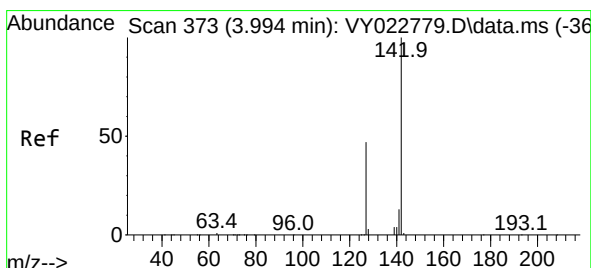
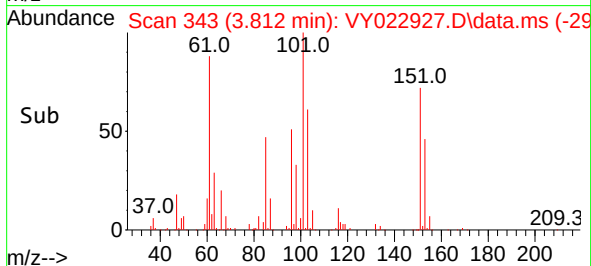
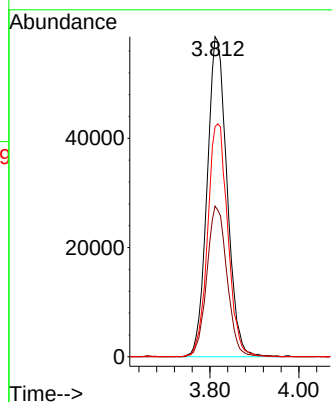
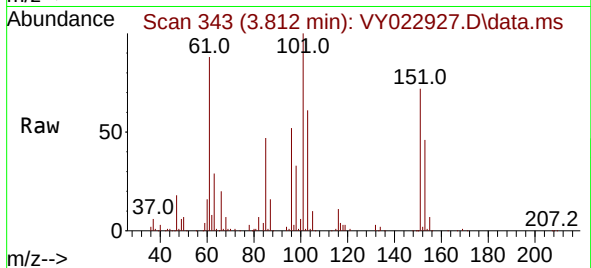




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.863 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
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Acq: 02 Jul 2025 21:23

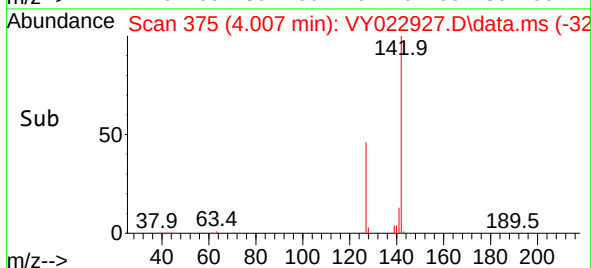
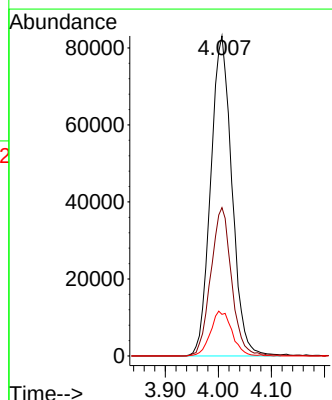
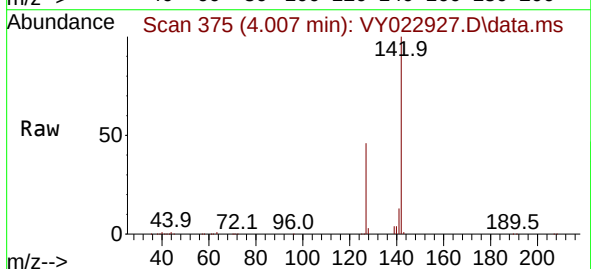
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

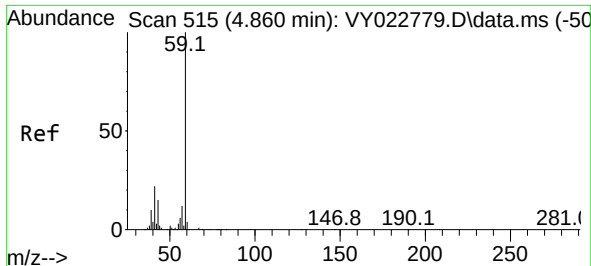
Tgt Ion:101 Resp: 182233
Ion Ratio Lower Upper
101 100
85 47.6 39.3 58.9
151 73.8 57.8 86.8



#10
Methyl Iodide
Concen: 56.819 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion:142 Resp: 230716
Ion Ratio Lower Upper
142 100
127 45.7 37.1 55.7
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 192.809 ug/l

RT: 4.885 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

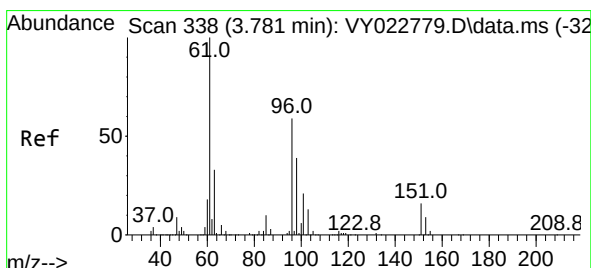
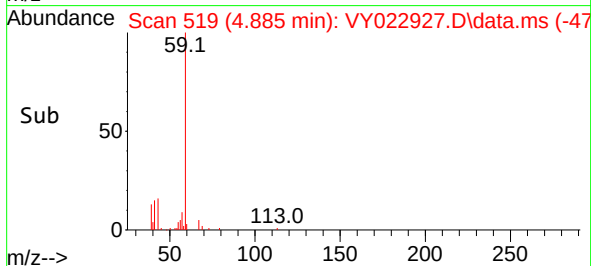
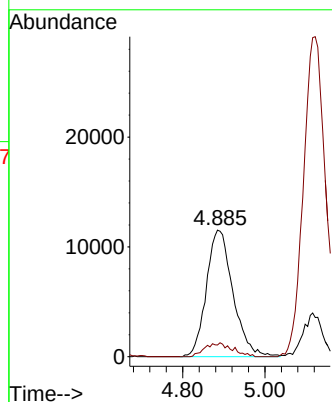
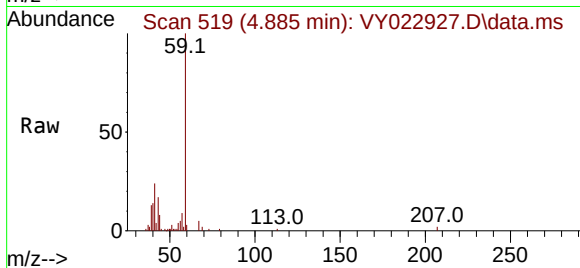
VSTDCCC050EC

Tgt Ion: 59 Resp: 51697

Ion Ratio Lower Upper

59 100

57 11.2 8.0 12.0



#12

1,1-Dichloroethene

Concen: 50.027 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

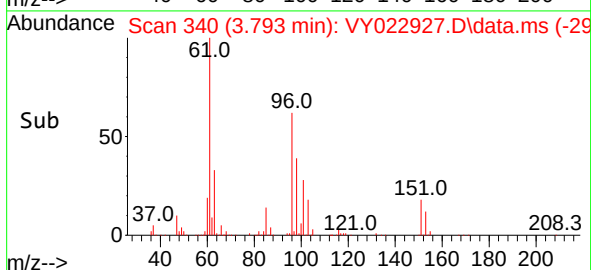
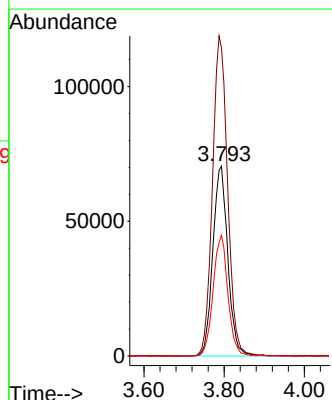
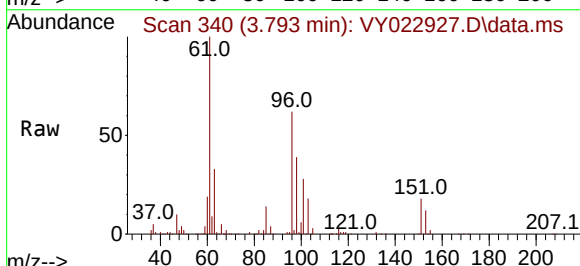
Tgt Ion: 96 Resp: 182947

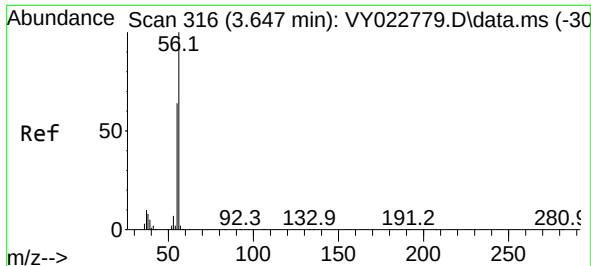
Ion Ratio Lower Upper

96 100

61 162.2 134.6 201.8

98 63.7 50.2 75.4

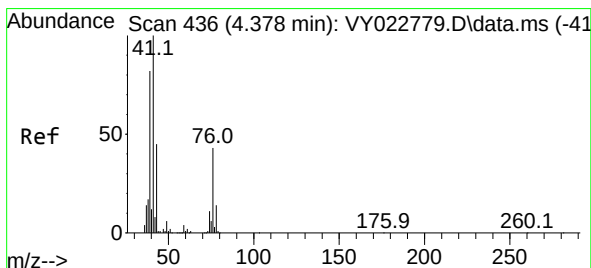
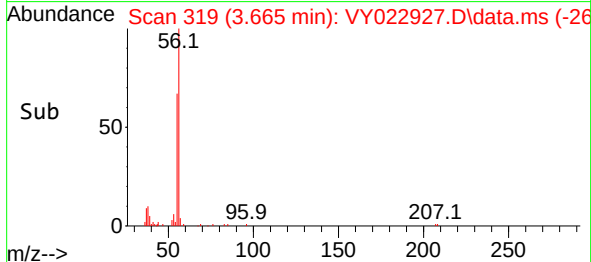
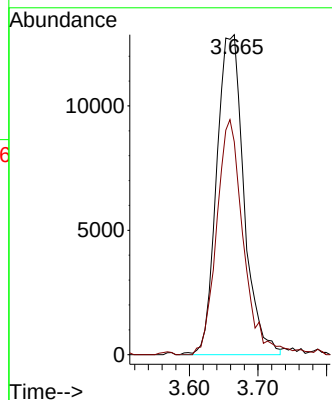
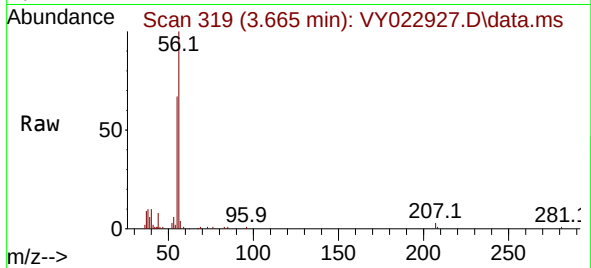




#13
Acrolein
Concen: 97.668 ug/l
RT: 3.665 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

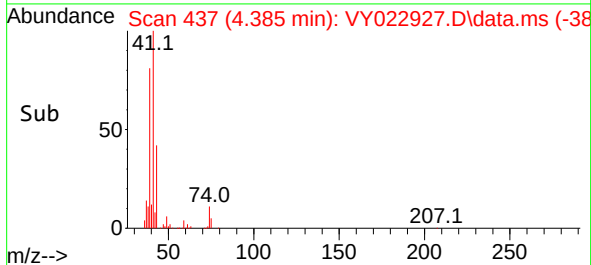
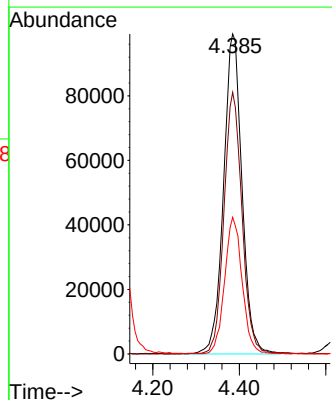
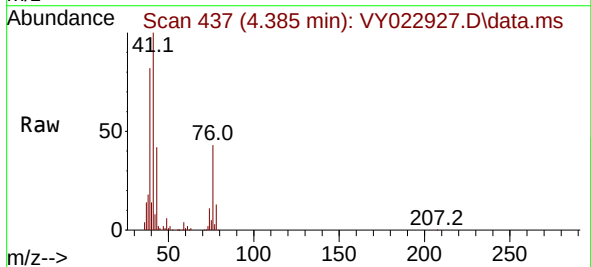
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

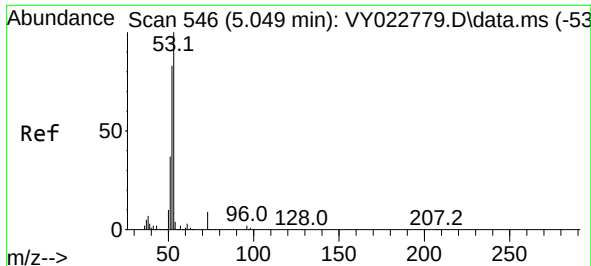
Tgt Ion: 56 Resp: 35510
Ion Ratio Lower Upper
56 100
55 72.4 57.0 85.6



#14
Allyl chloride
Concen: 52.384 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 41 Resp: 294653
Ion Ratio Lower Upper
41 100
39 80.0 69.1 103.7
76 40.6 33.5 50.3

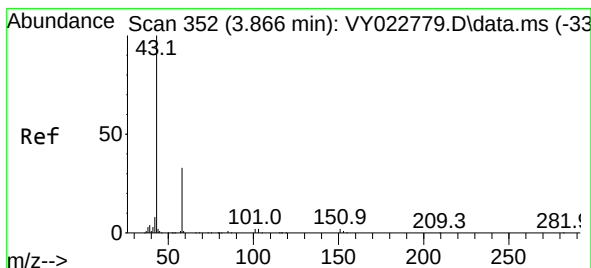
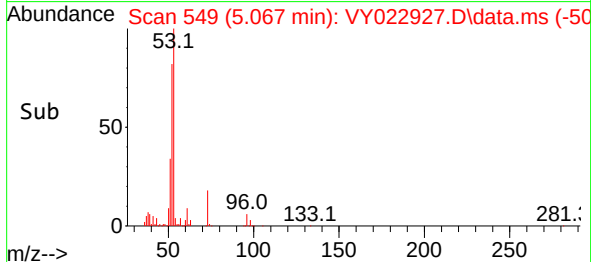
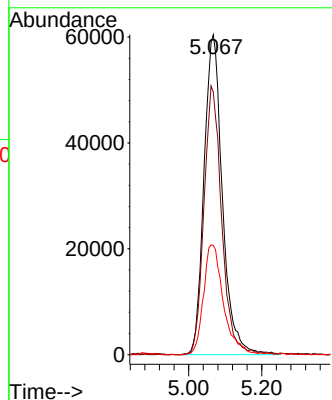
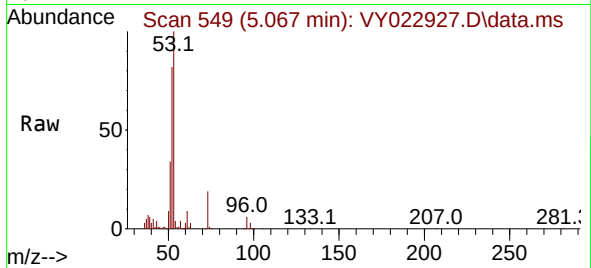




#15
Acrylonitrile
Concen: 250.915 ug/l
RT: 5.067 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

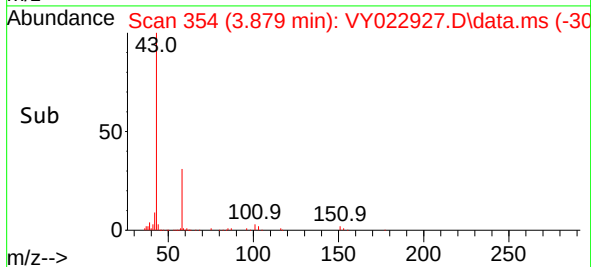
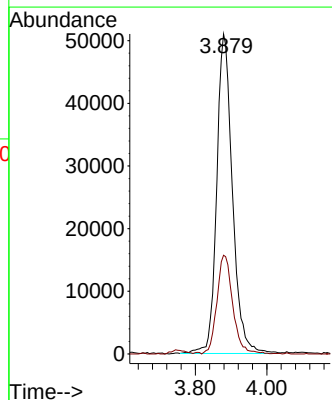
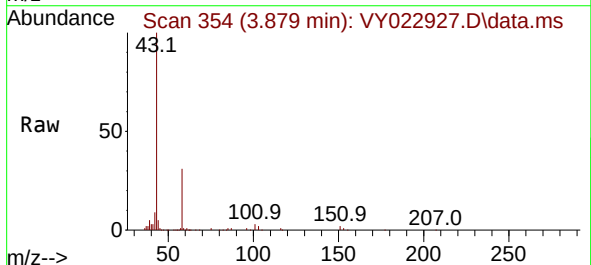
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

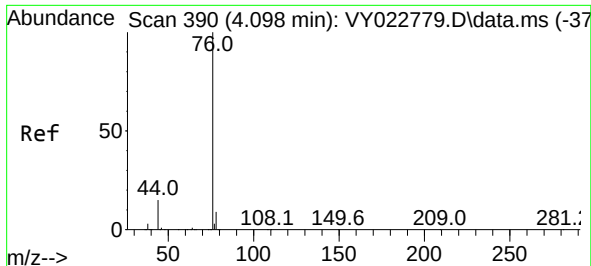
Tgt Ion: 53 Resp: 211014
Ion Ratio Lower Upper
53 100
52 81.0 65.7 98.5
51 37.2 30.1 45.1



#16
Acetone
Concen: 203.991 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 43 Resp: 155472
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0

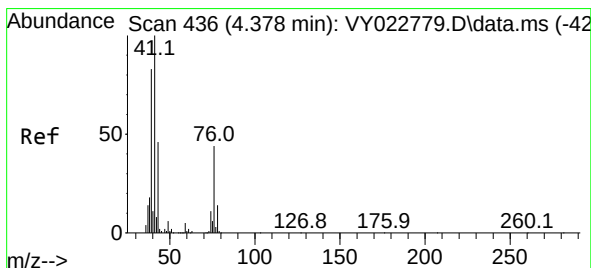
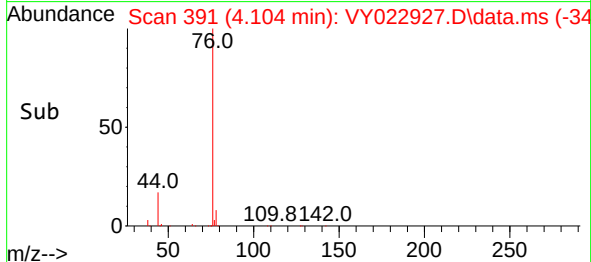
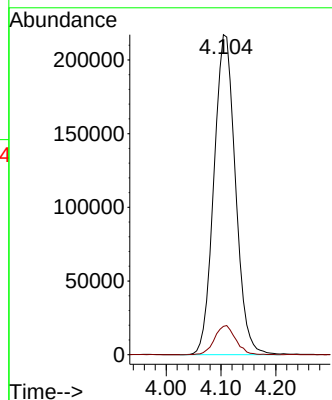
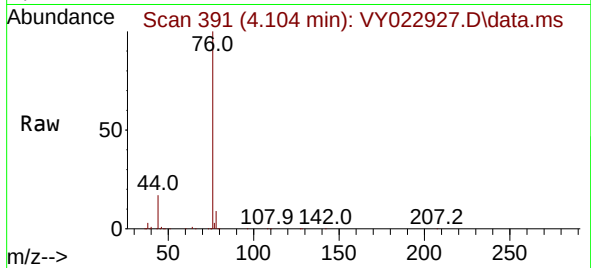




#17
Carbon Disulfide
Concen: 50.181 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

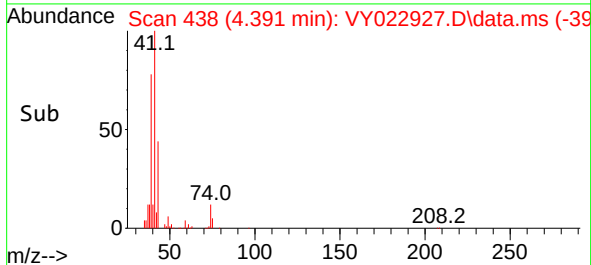
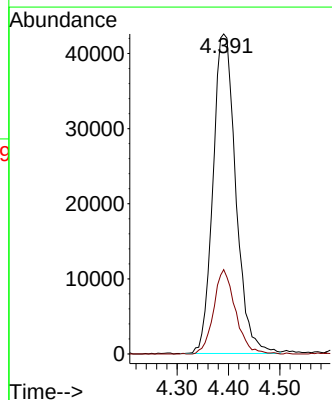
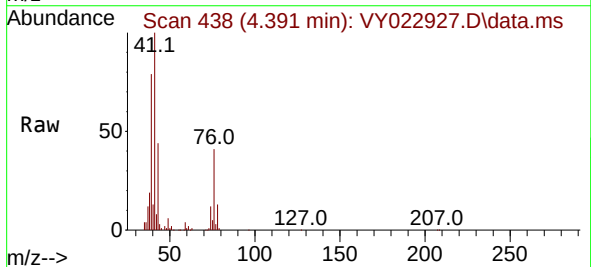
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

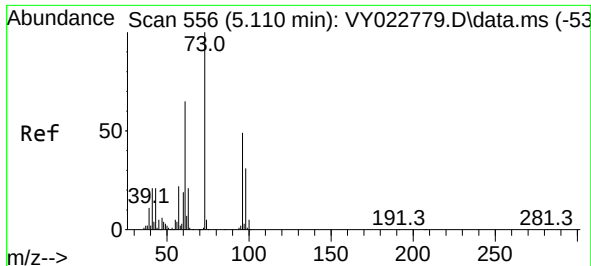
Tgt Ion: 76 Resp: 592839
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 51.959 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 43 Resp: 131145
Ion Ratio Lower Upper
43 100
74 25.2 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 48.744 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

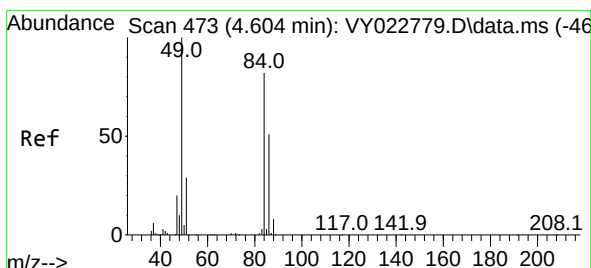
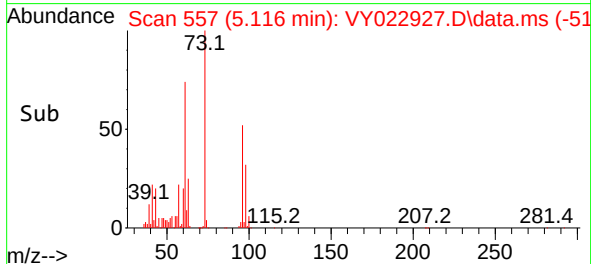
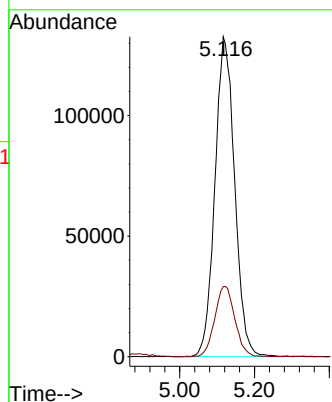
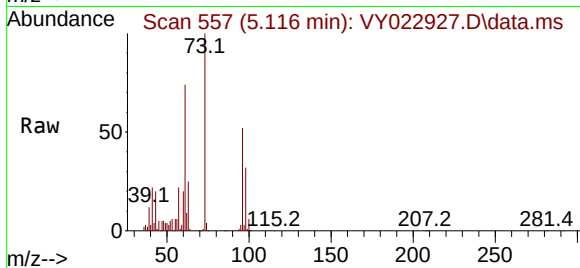
VSTDCCC050EC

Tgt Ion: 73 Resp: 485368

Ion Ratio Lower Upper

73 100

57 21.9 17.4 26.0



#20

Methylene Chloride

Concen: 50.151 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Tgt Ion: 84 Resp: 241384

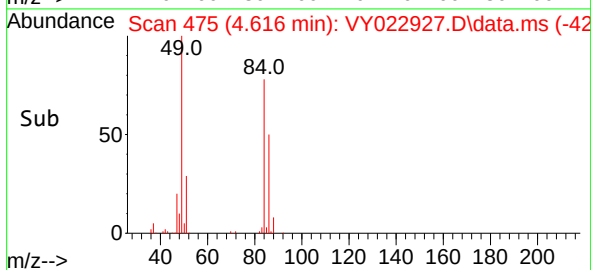
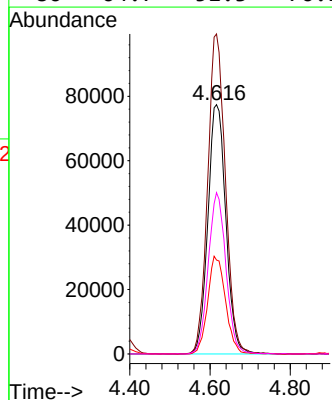
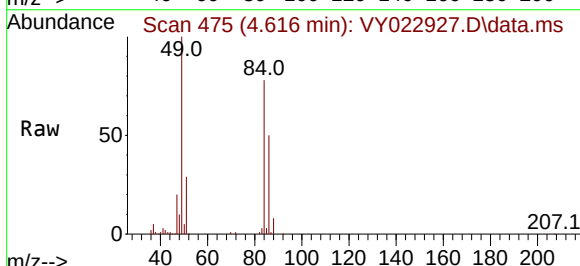
Ion Ratio Lower Upper

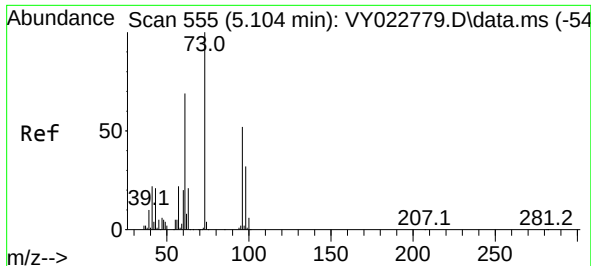
84 100

49 128.3 101.9 152.9

51 37.7 29.8 44.8

86 64.7 51.3 76.9

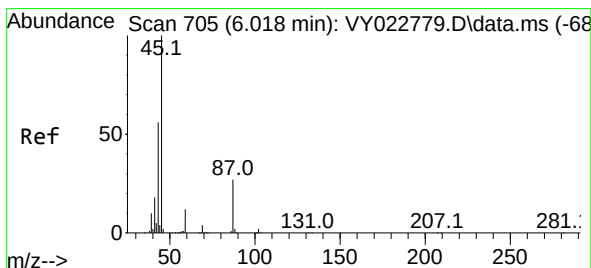
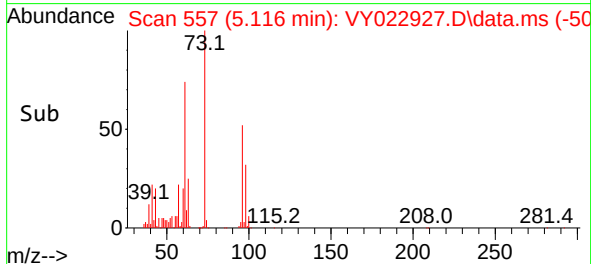
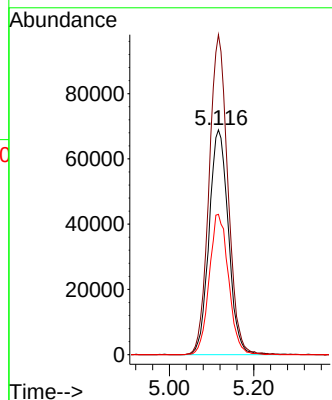
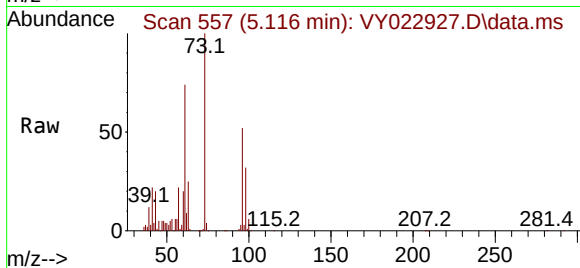




#21
trans-1,2-Dichloroethene
Concen: 52.430 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

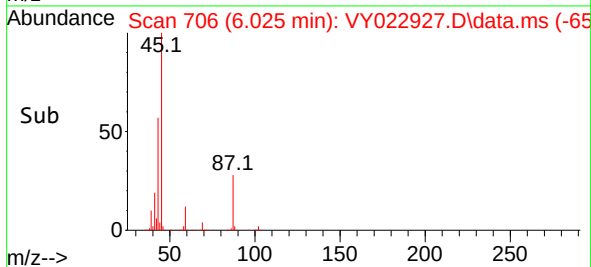
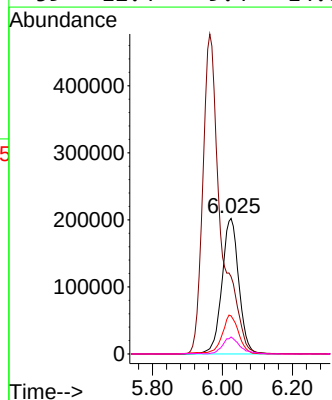
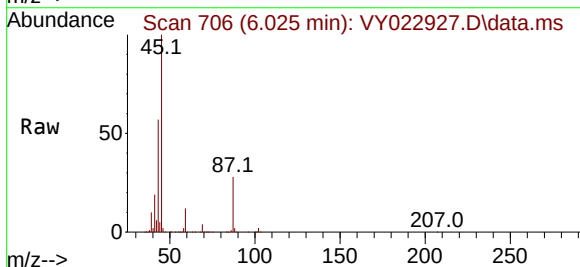
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

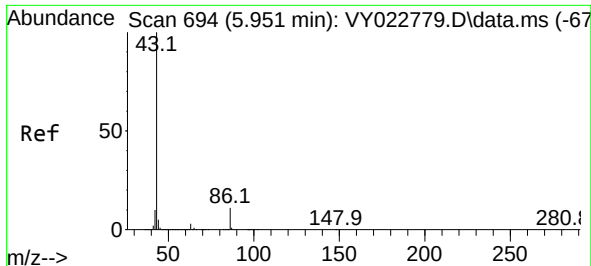
Tgt Ion: 96 Resp: 219132
Ion Ratio Lower Upper
96 100
61 142.3 112.6 169.0
98 62.4 50.6 75.8



#22
Diisopropyl ether
Concen: 54.126 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 45 Resp: 676127
Ion Ratio Lower Upper
45 100
43 57.0 48.3 72.5
87 28.1 23.0 34.6
59 12.4 9.4 14.0

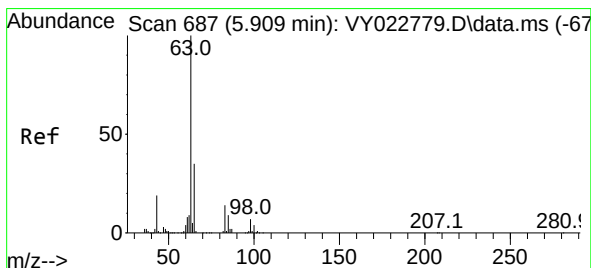
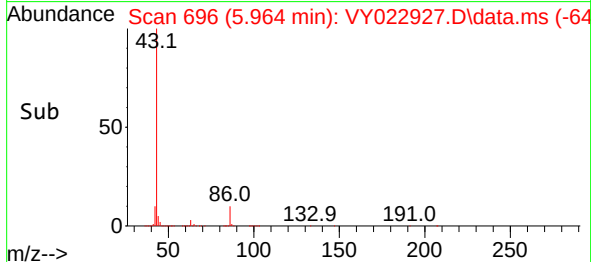
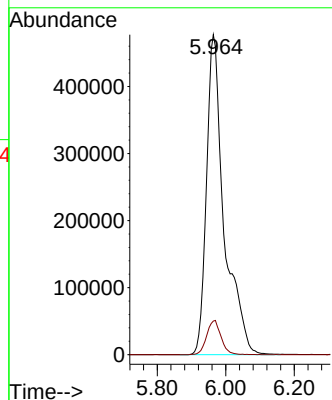
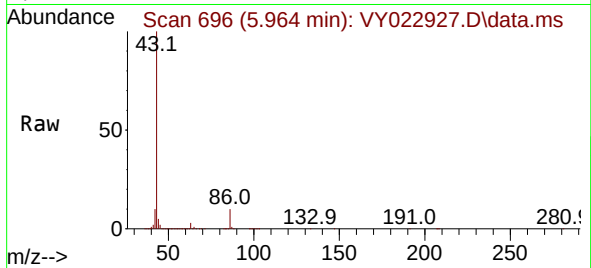




#23
 Vinyl Acetate
 Concen: 247.078 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY022927.D
 Acq: 02 Jul 2025 21:23

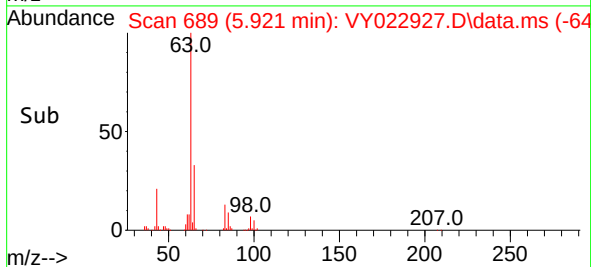
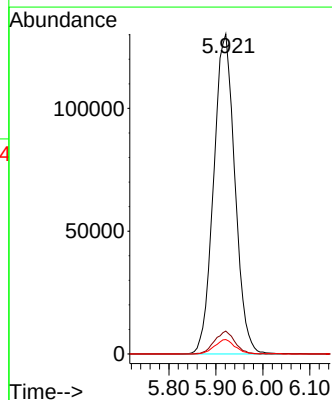
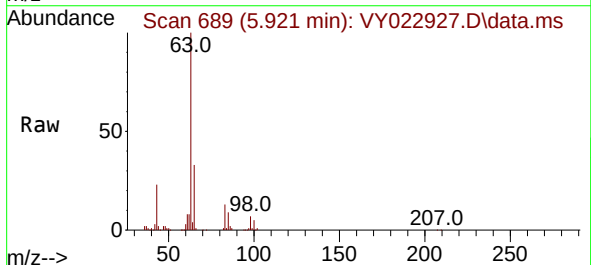
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

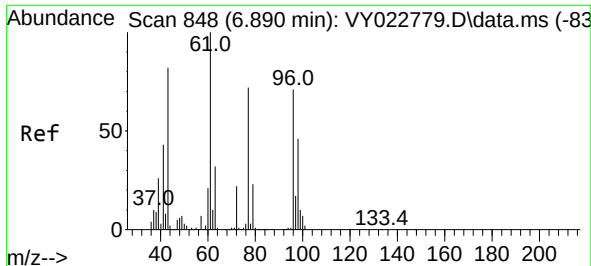
Tgt Ion: 43 Resp: 1704592
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 54.189 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022927.D
 Acq: 02 Jul 2025 21:23

Tgt Ion: 63 Resp: 408873
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.5 2.1 6.3

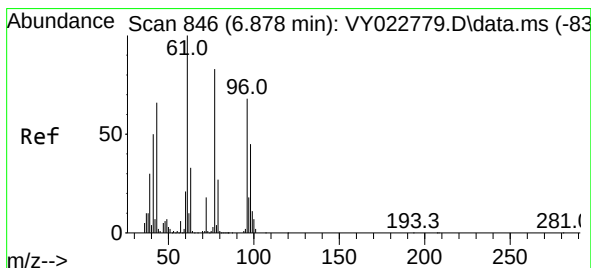
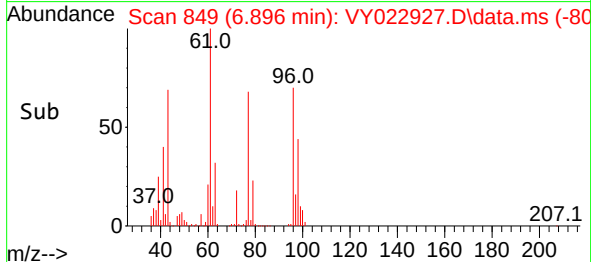
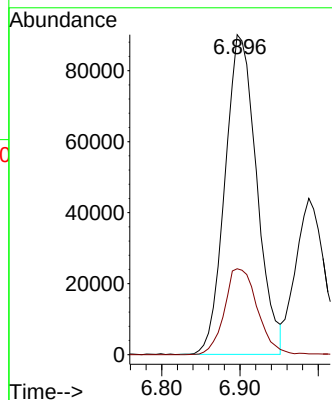
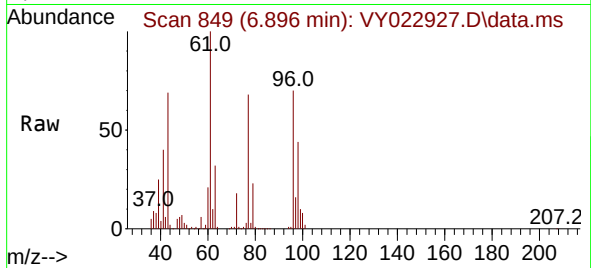




#25
2-Butanone
Concen: 228.306 ug/l
RT: 6.896 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

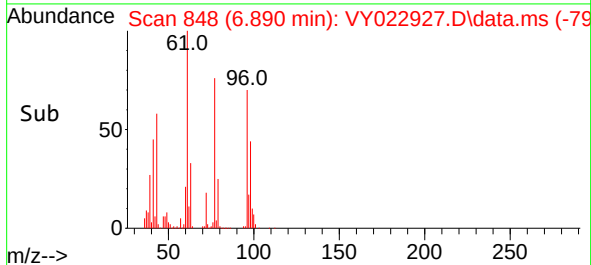
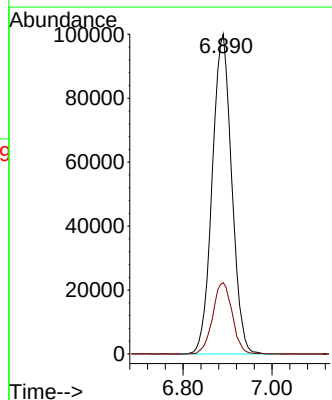
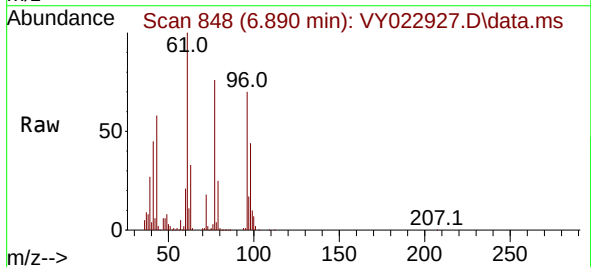
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

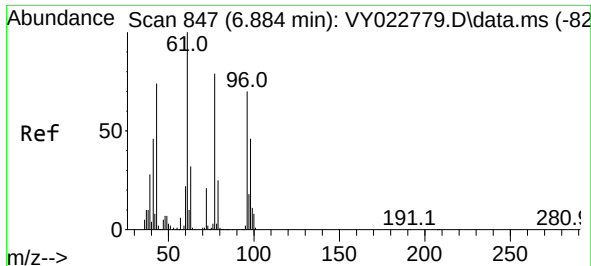
Tgt Ion: 43 Resp: 253249
Ion Ratio Lower Upper
43 100
72 26.9 22.9 34.3



#26
2,2-Dichloropropane
Concen: 48.071 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 77 Resp: 304046
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2



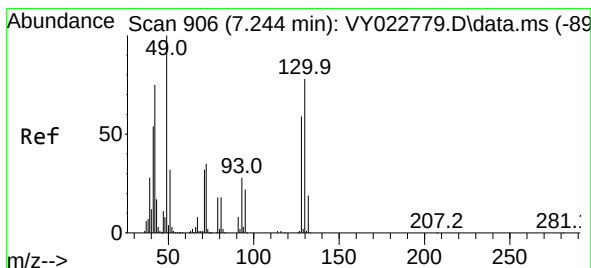
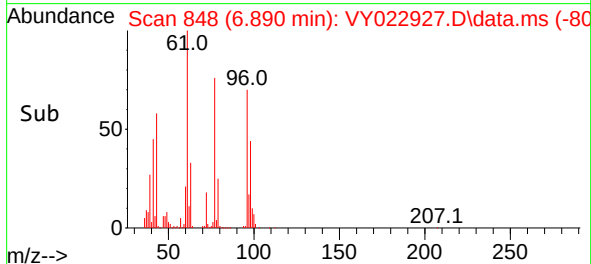
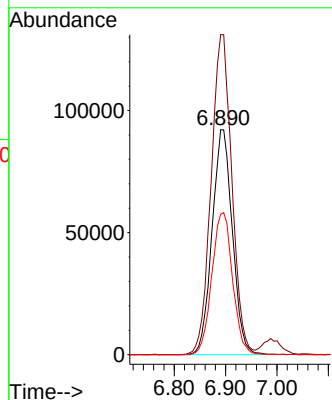
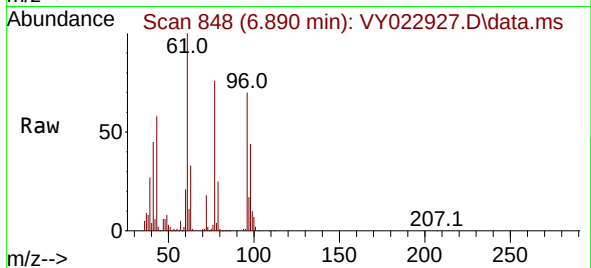


#27
 cis-1,2-Dichloroethene
 Concen: 52.107 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022927.D
 Acq: 02 Jul 2025 21:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 253063

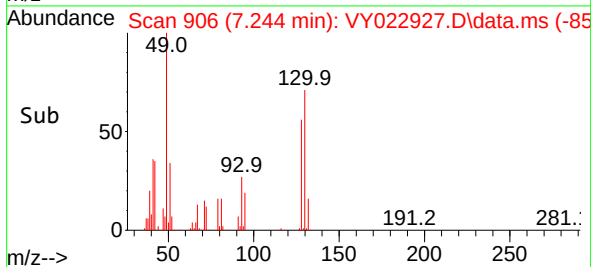
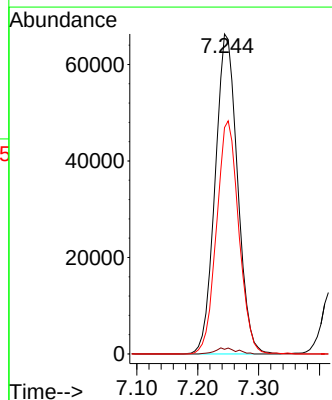
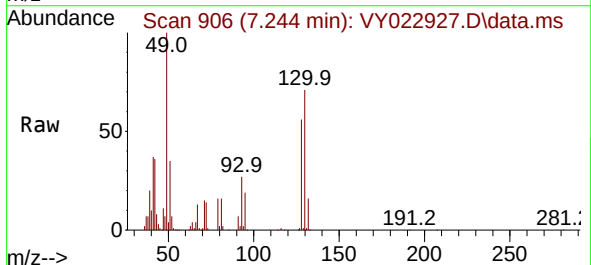
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	290.0
98	64.3	0.0	128.4

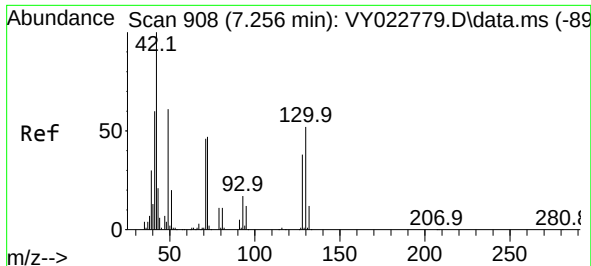


#28
 Bromochloromethane
 Concen: 53.333 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022927.D
 Acq: 02 Jul 2025 21:23

Tgt Ion: 49 Resp: 169181

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	72.5	55.7	83.5





#29

Tetrahydrofuran

Concen: 239.451 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

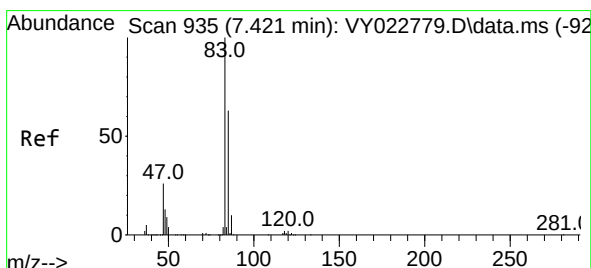
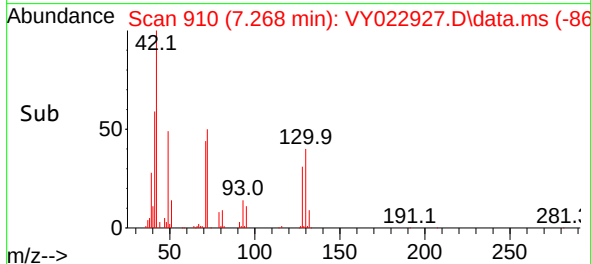
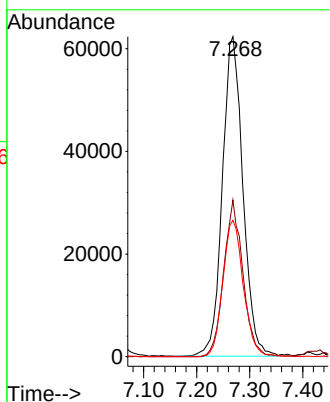
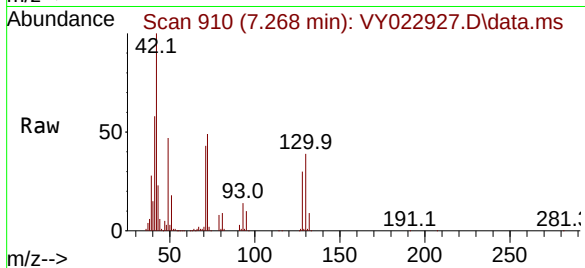
Tgt Ion: 42 Resp: 167719

Ion Ratio Lower Upper

42 100

72 45.8 37.4 56.2

71 42.7 34.2 51.2



#30

Chloroform

Concen: 53.117 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022927.D

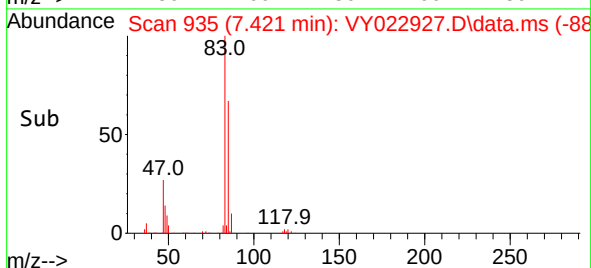
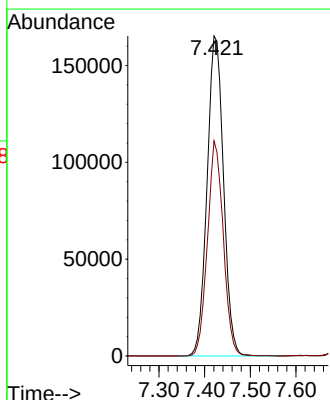
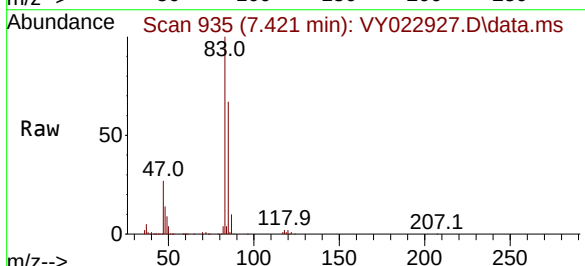
Acq: 02 Jul 2025 21:23

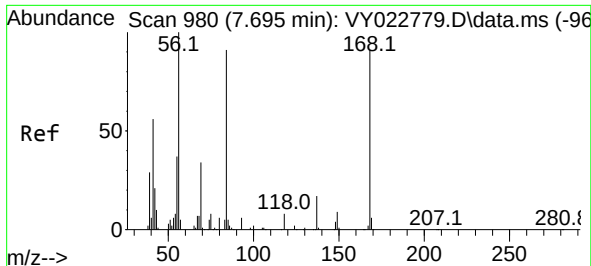
Tgt Ion: 83 Resp: 412795

Ion Ratio Lower Upper

83 100

85 67.2 54.2 81.4

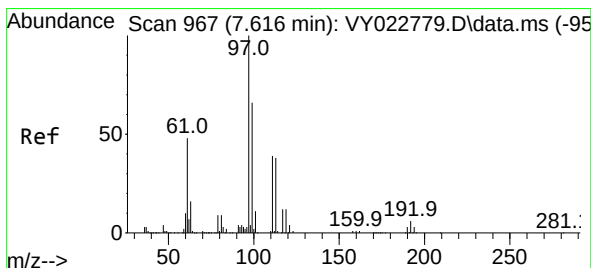
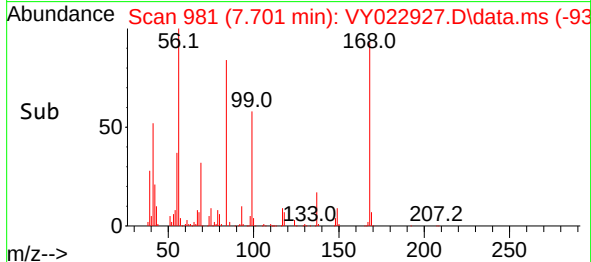
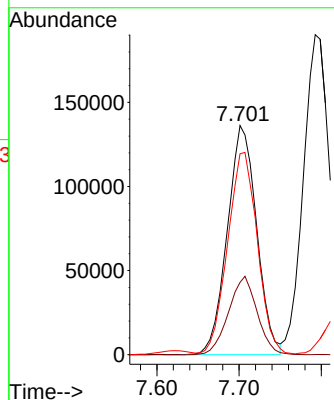
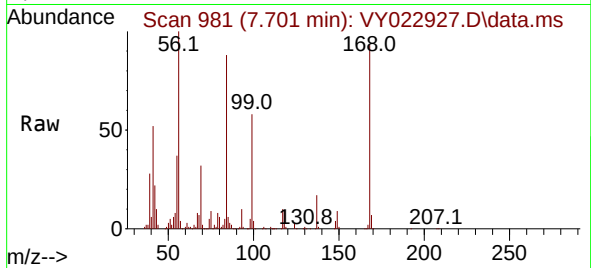




#31
Cyclohexane
Concen: 48.837 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

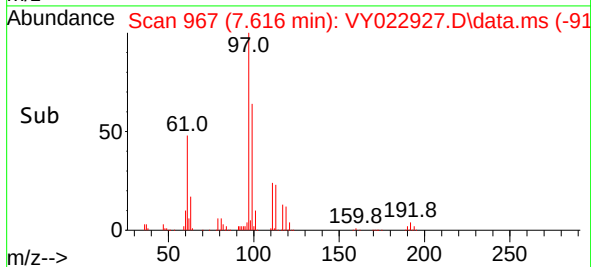
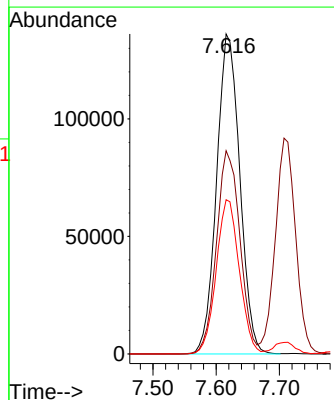
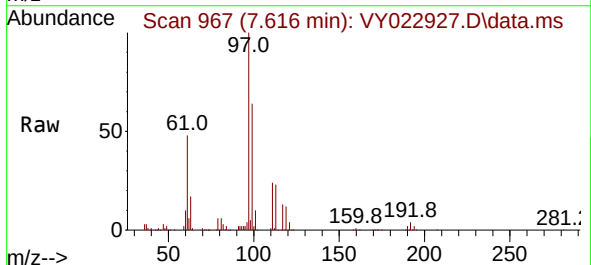
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

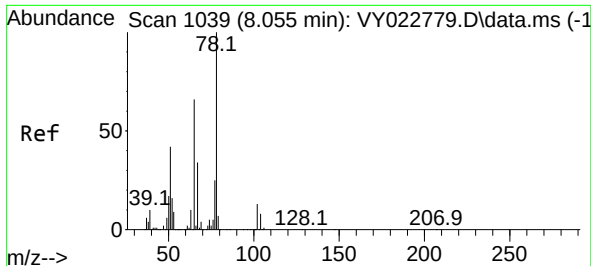
Tgt Ion: 56 Resp: 338254
Ion Ratio Lower Upper
56 100
69 31.6 27.0 40.6
84 86.0 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 51.678 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 97 Resp: 347057
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 48.0 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.951 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

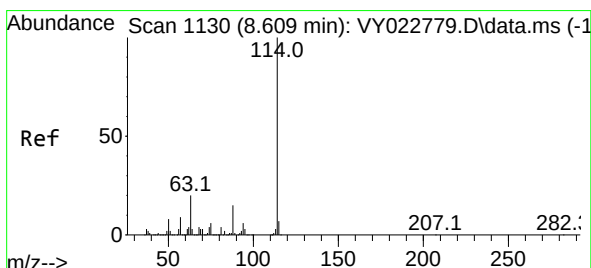
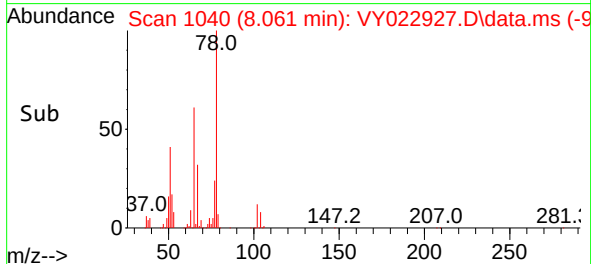
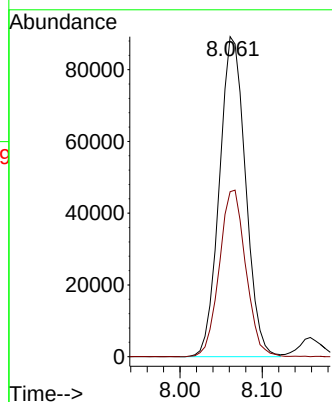
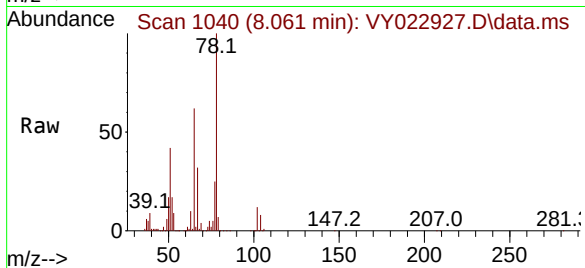
VSTDCCC050EC

Tgt Ion: 65 Resp: 197391

Ion Ratio Lower Upper

65 100

67 52.5 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: VY022927.D

Acq: 02 Jul 2025 21:23

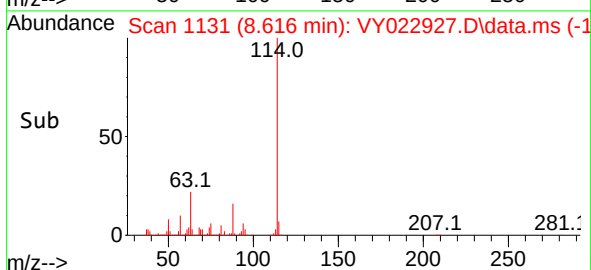
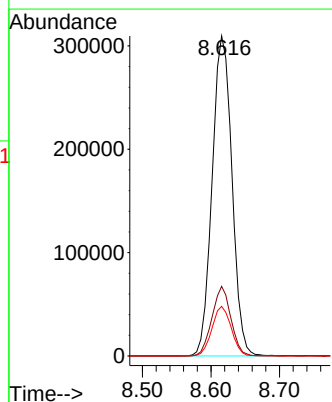
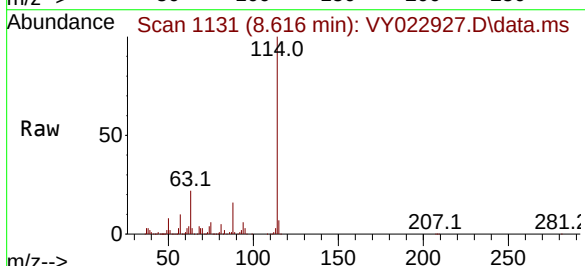
Tgt Ion:114 Resp: 621445

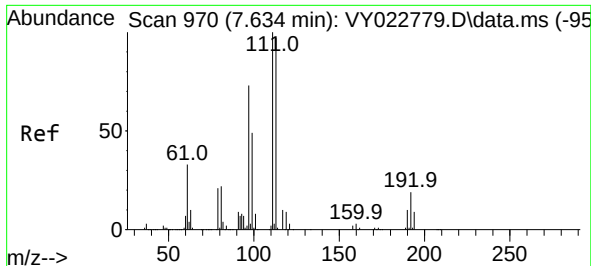
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

88 15.5 0.0 27.8

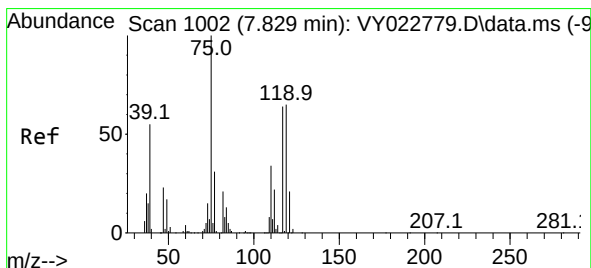
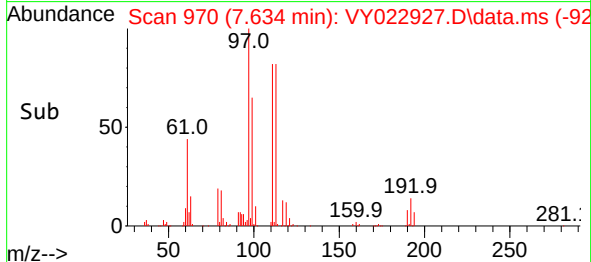
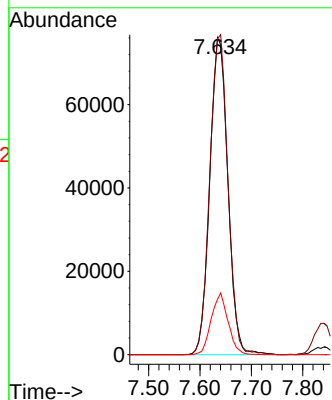
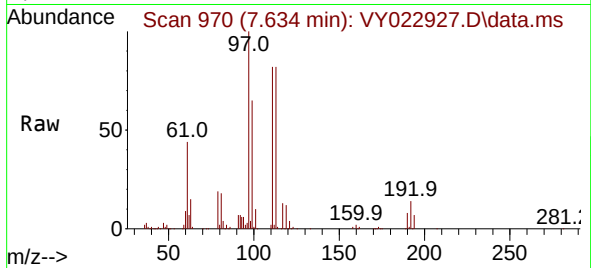




#35
Dibromofluoromethane
Concen: 49.061 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

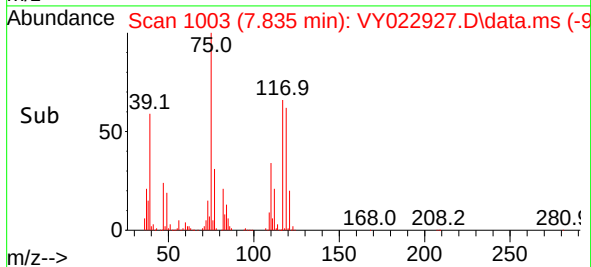
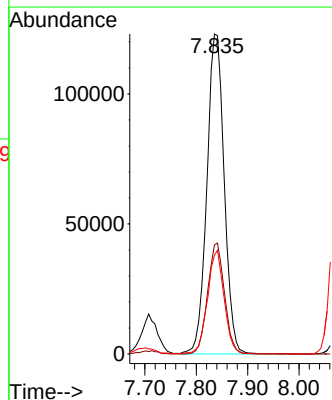
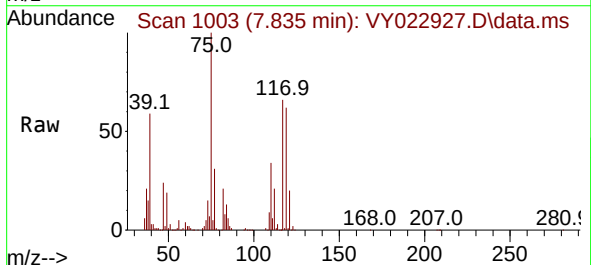
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

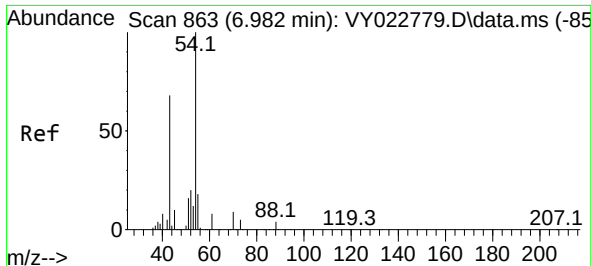
Tgt Ion:113 Resp: 185419
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 18.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 50.373 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 75 Resp: 288565
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.7
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 47.415 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

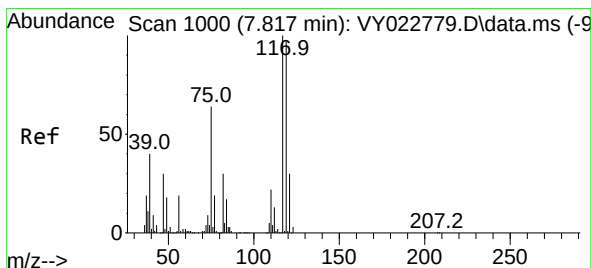
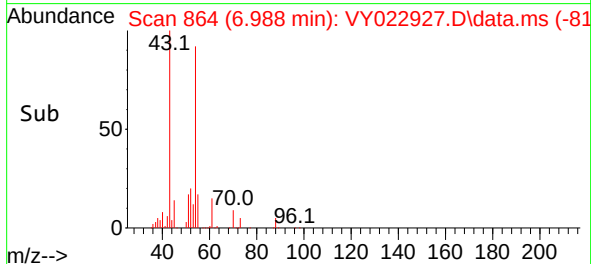
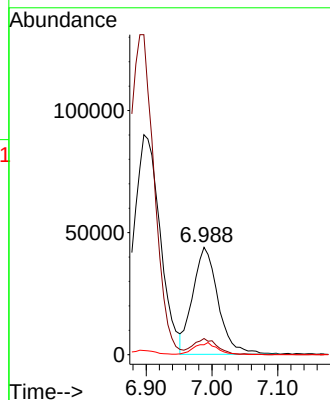
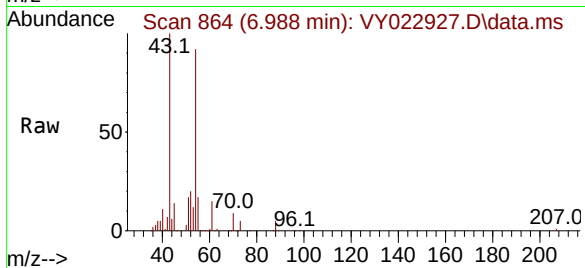
Tgt Ion: 43 Resp: 117209

Ion Ratio Lower Upper

43 100

61 13.3 11.5 17.3

70 10.1 7.2 10.8



#38

Carbon Tetrachloride

Concen: 49.926 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

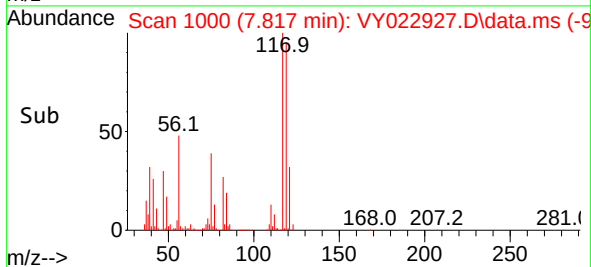
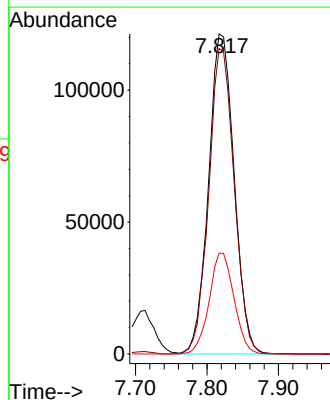
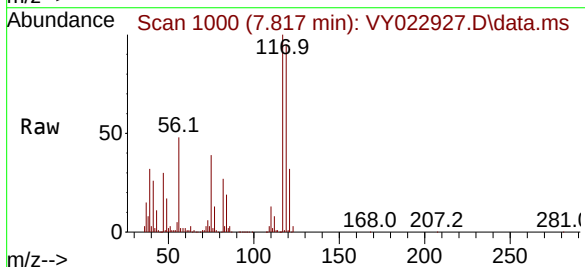
Tgt Ion: 117 Resp: 301772

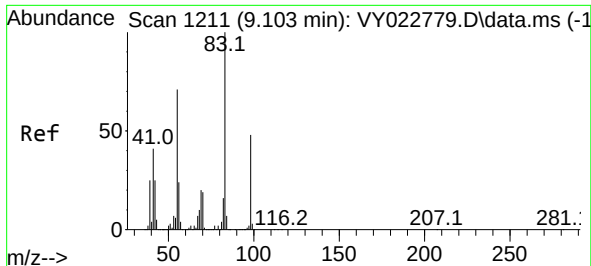
Ion Ratio Lower Upper

117 100

119 95.3 75.0 112.6

121 31.5 25.0 37.4





#39

Methylcyclohexane

Concen: 48.703 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

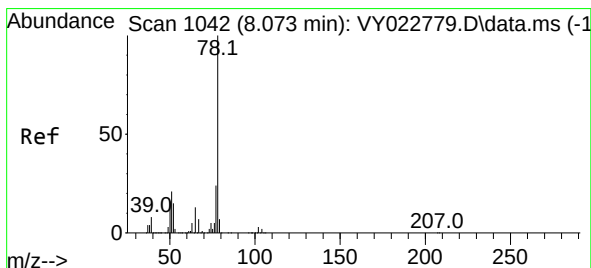
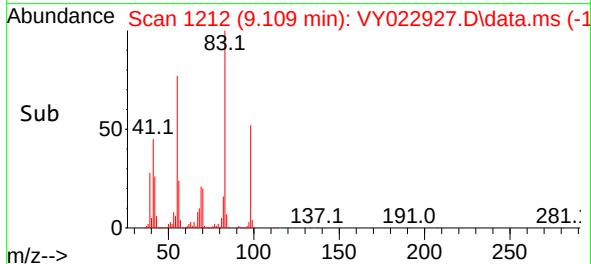
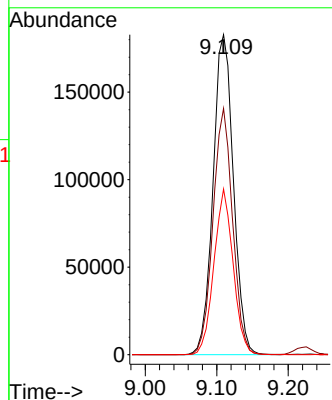
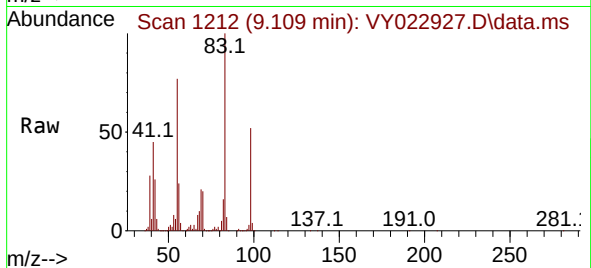
Tgt Ion: 83 Resp: 361052

Ion Ratio Lower Upper

83 100

55 76.9 58.1 87.1

98 51.7 39.0 58.6



#40

Benzene

Concen: 52.564 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022927.D

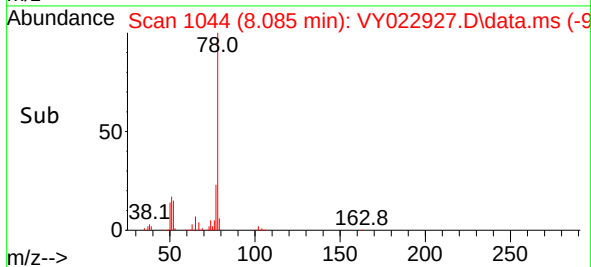
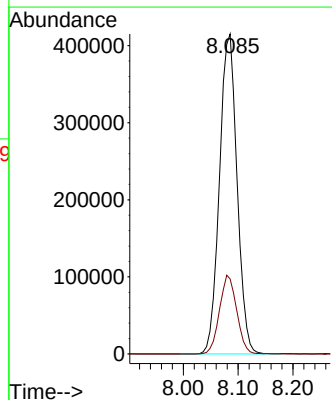
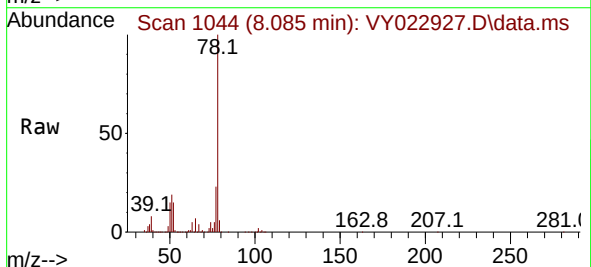
Acq: 02 Jul 2025 21:23

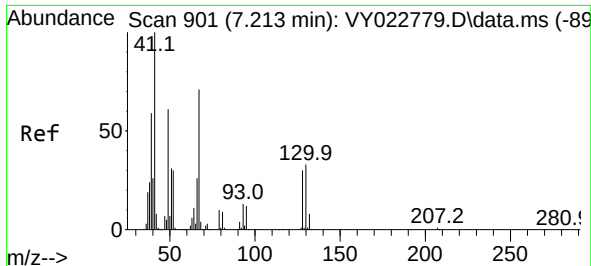
Tgt Ion: 78 Resp: 925786

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9



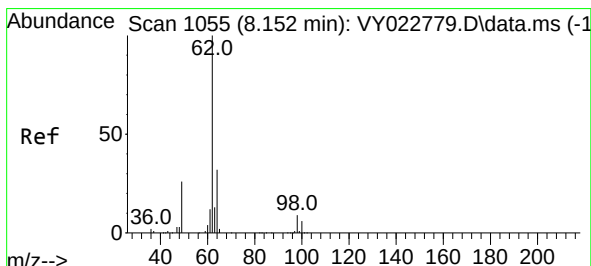
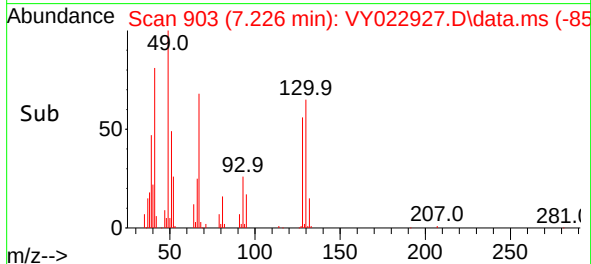
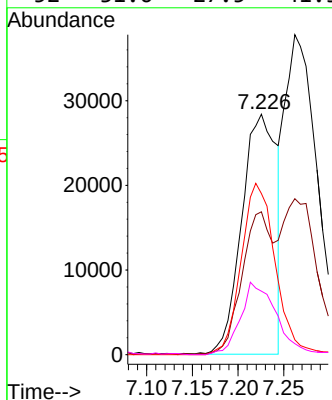
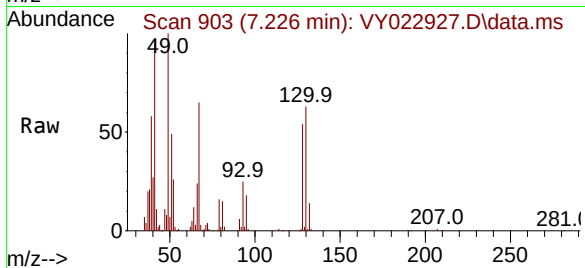


#41
Methacrylonitrile
Concen: 49.368 ug/l
RT: 7.226 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 75128

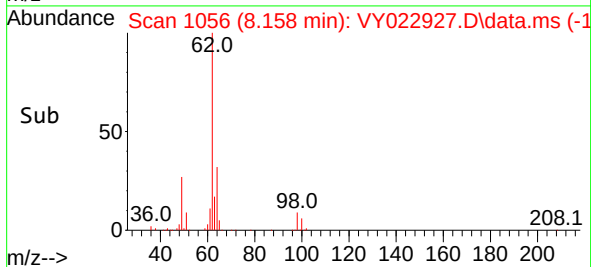
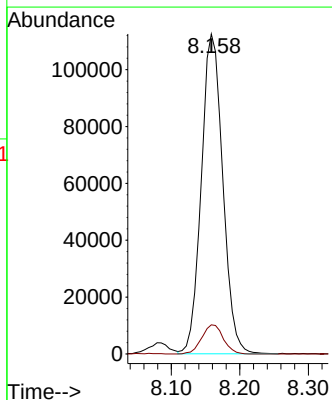
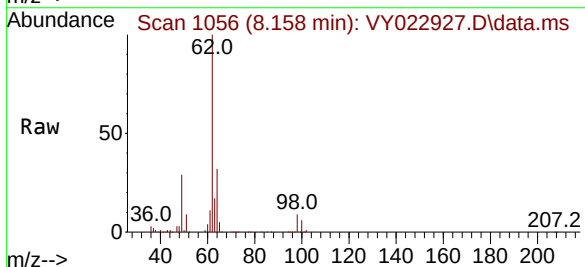
Ion	Ratio	Lower	Upper
41	100		
39	50.6	46.6	69.8
67	70.5	63.3	94.9
52	31.6	27.5	41.3

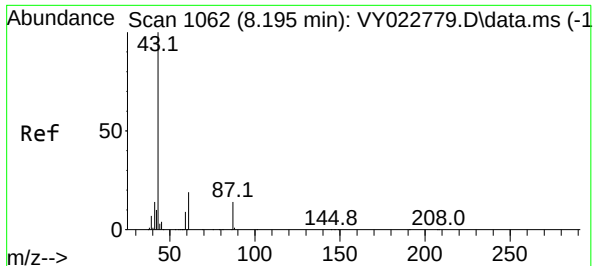


#42
1,2-Dichloroethane
Concen: 50.867 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 62 Resp: 245502

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

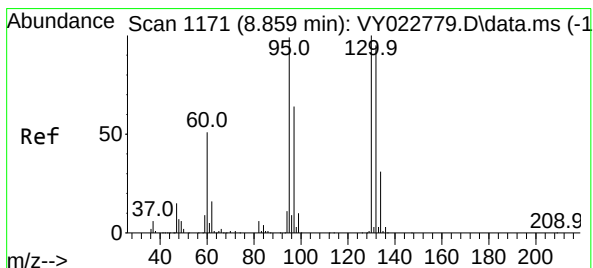
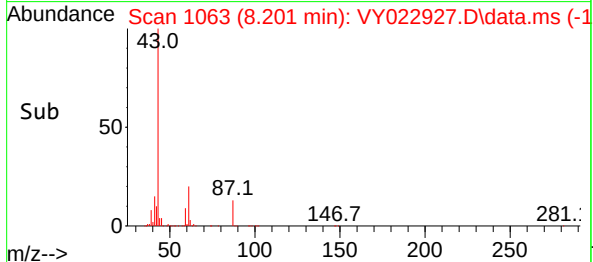
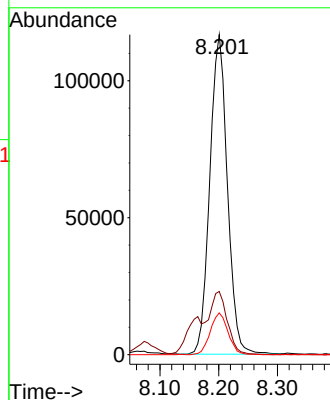
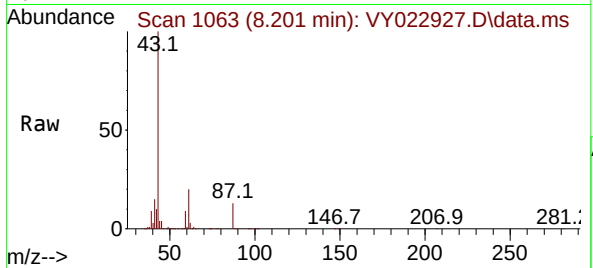




#43
Isopropyl Acetate
Concen: 47.182 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

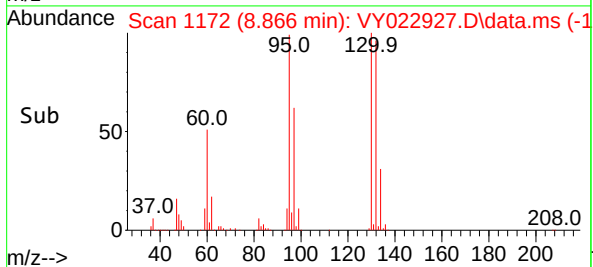
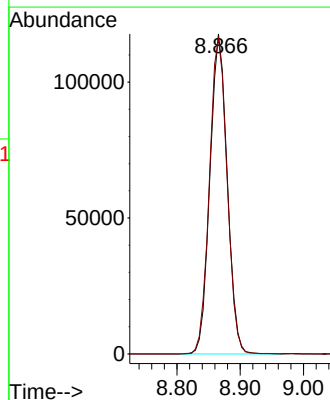
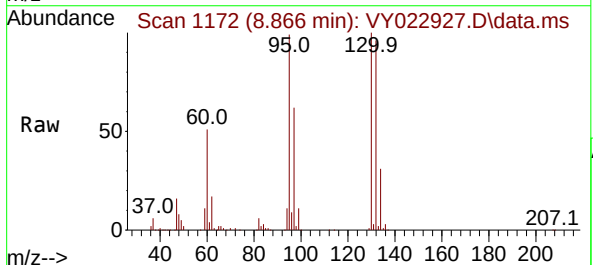
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

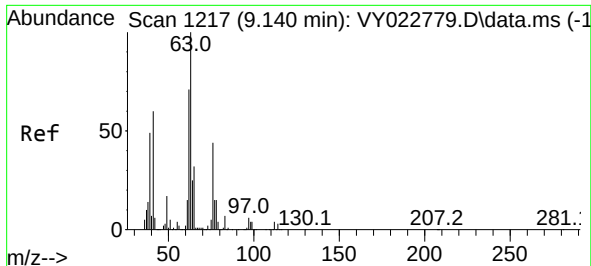
Tgt Ion: 43 Resp: 242406
Ion Ratio Lower Upper
43 100
61 19.3 15.6 23.4
87 13.2 10.2 15.4



#44
Trichloroethene
Concen: 50.634 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion:130 Resp: 223903
Ion Ratio Lower Upper
130 100
95 98.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 52.746 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

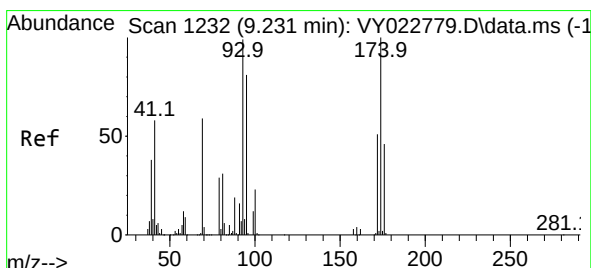
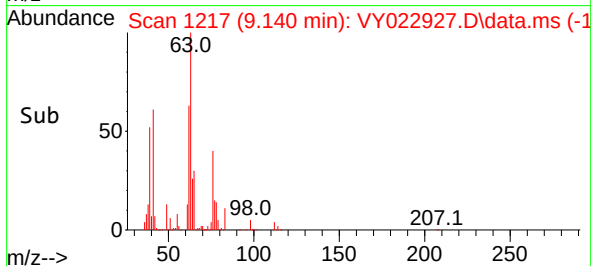
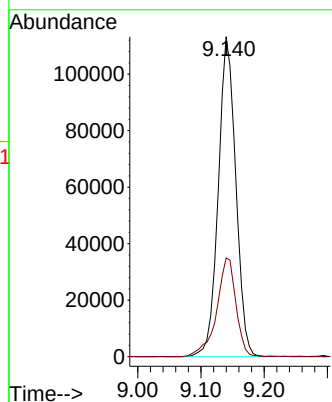
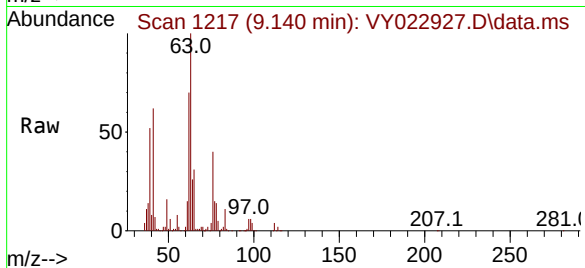
VSTDCCC050EC

Tgt Ion: 63 Resp: 217424

Ion Ratio Lower Upper

63 100

65 30.9 24.0 36.0



#46

Dibromomethane

Concen: 49.601 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

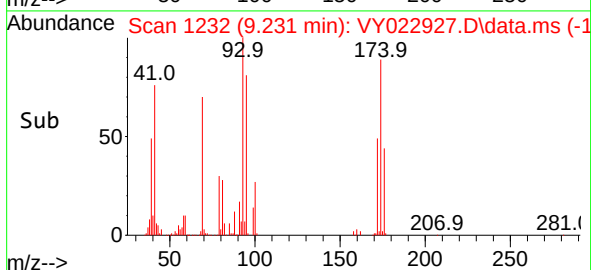
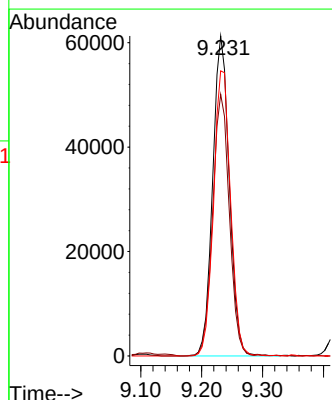
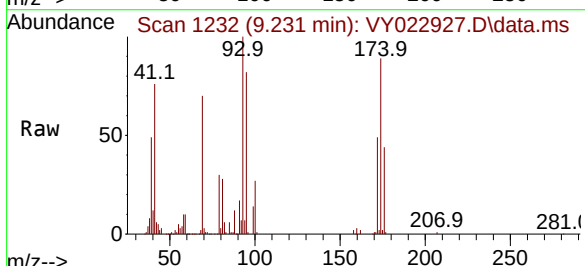
Tgt Ion: 93 Resp: 116068

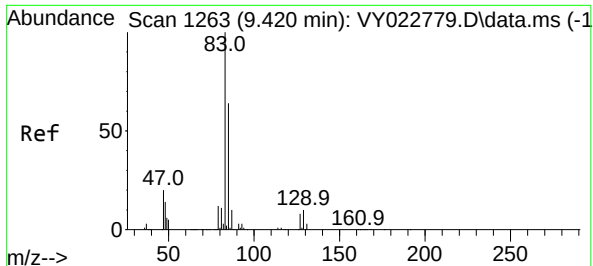
Ion Ratio Lower Upper

93 100

95 82.2 65.6 98.4

174 91.4 70.4 105.6





#47

Bromodichloromethane

Concen: 51.712 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

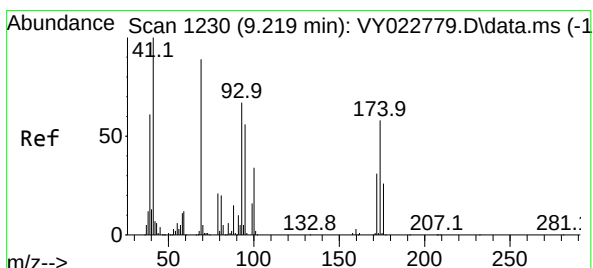
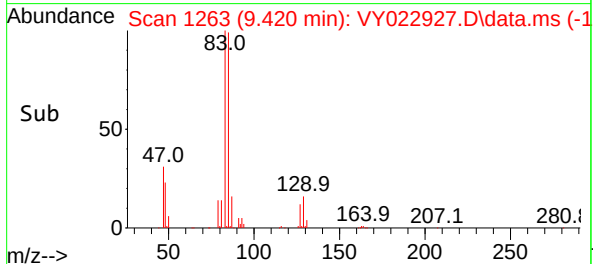
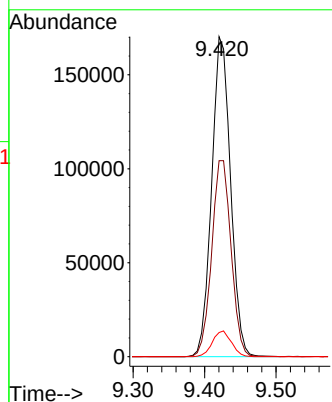
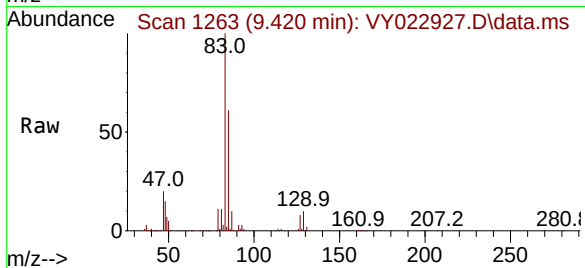
Tgt Ion: 83 Resp: 312040

Ion Ratio Lower Upper

83 100

85 61.3 49.1 73.7

127 7.5 6.2 9.4



#48

Methyl methacrylate

Concen: 48.102 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

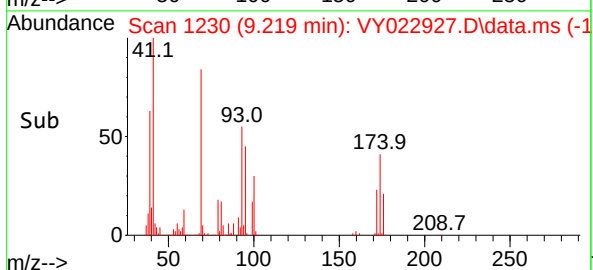
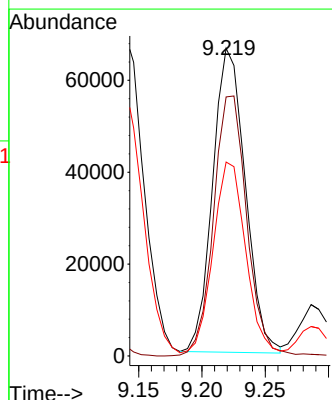
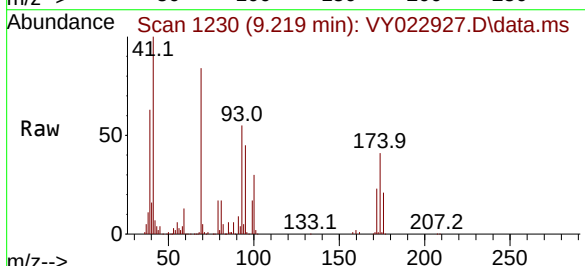
Tgt Ion: 41 Resp: 118805

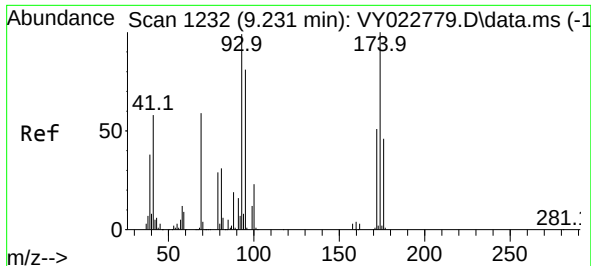
Ion Ratio Lower Upper

41 100

69 87.5 67.8 101.8

39 64.0 55.0 82.4





#49

1,4-Dioxane

Concen: 843.908 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

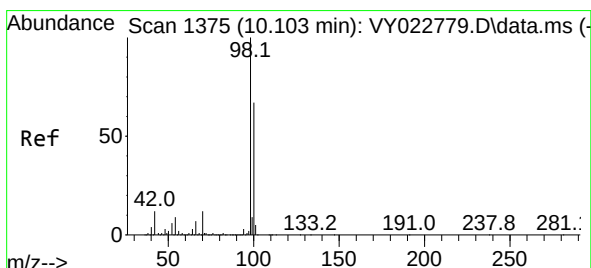
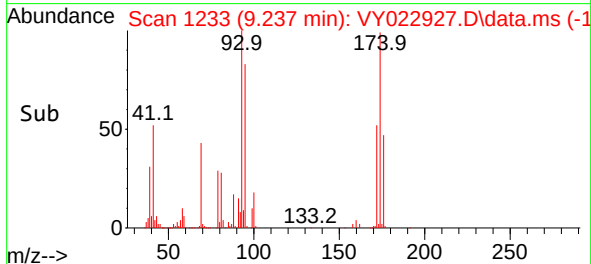
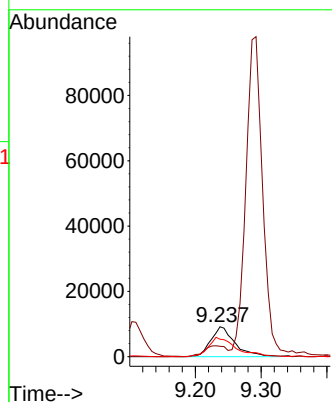
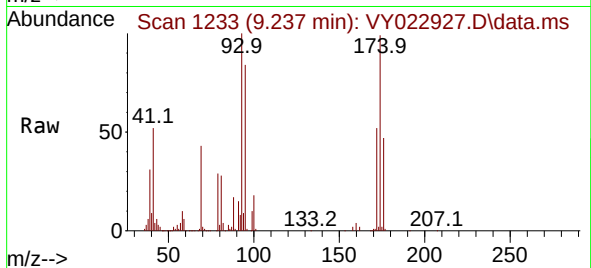
Tgt Ion: 88 Resp: 23331

Ion Ratio Lower Upper

88 100

43 32.4 25.4 38.2

58 73.8 54.9 82.3



#50

Toluene-d8

Concen: 49.365 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022927.D

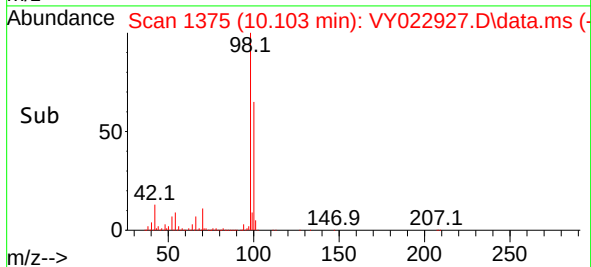
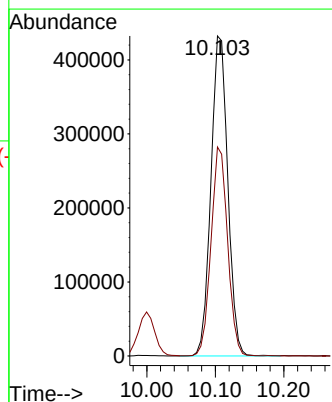
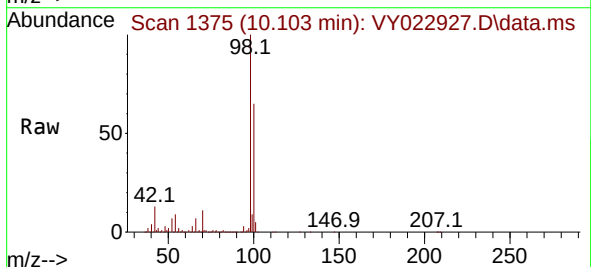
Acq: 02 Jul 2025 21:23

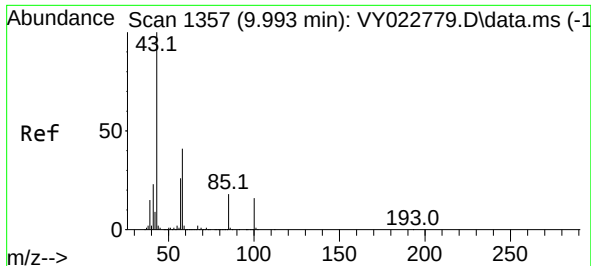
Tgt Ion: 98 Resp: 740326

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0

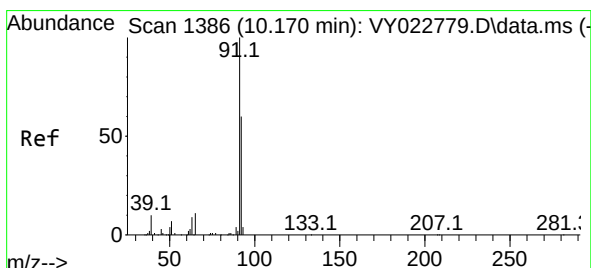
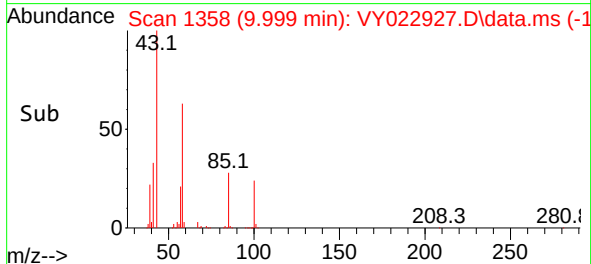
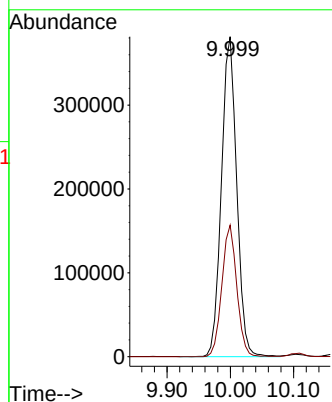
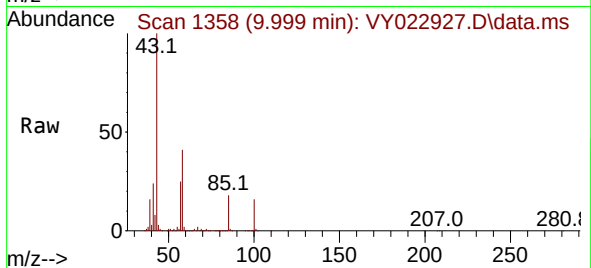




#51
4-Methyl-2-Pentanone
Concen: 243.895 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

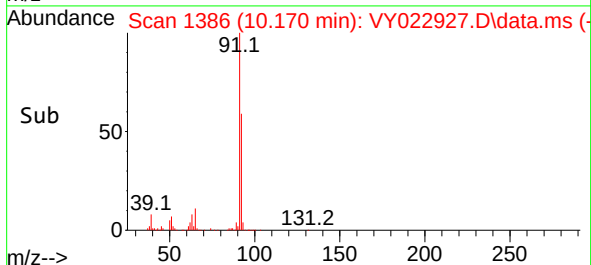
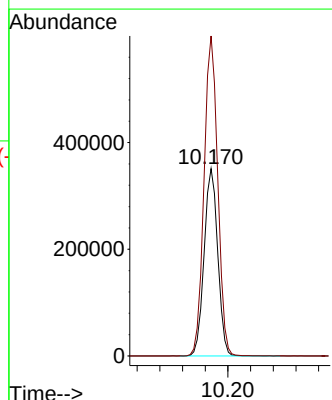
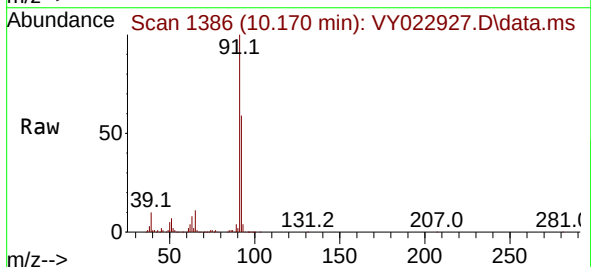
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

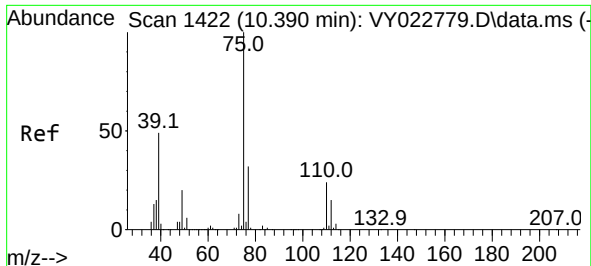
Tgt Ion: 43 Resp: 636768
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6



#52
Toluene
Concen: 52.411 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 92 Resp: 582362
Ion Ratio Lower Upper
92 100
91 172.2 139.0 208.4

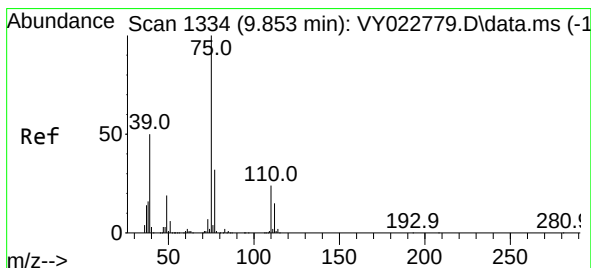
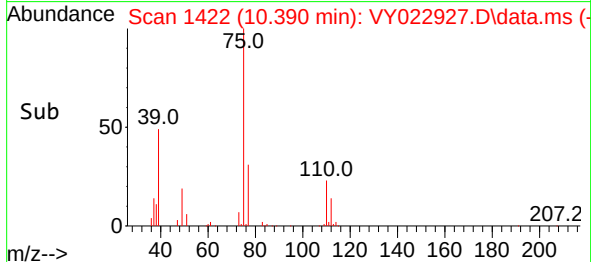
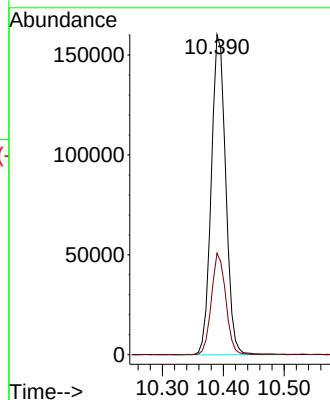
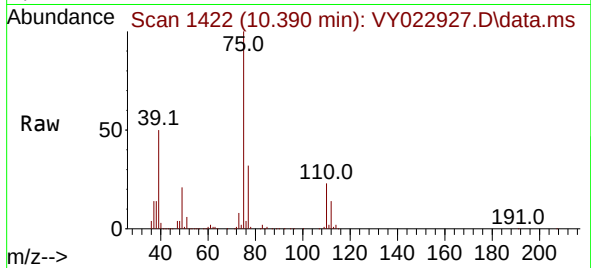




#53
t-1,3-Dichloropropene
Concen: 48.586 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

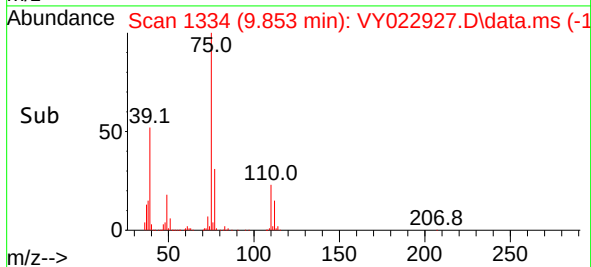
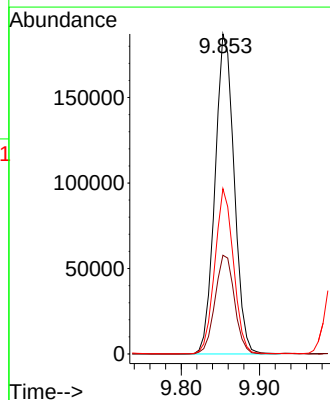
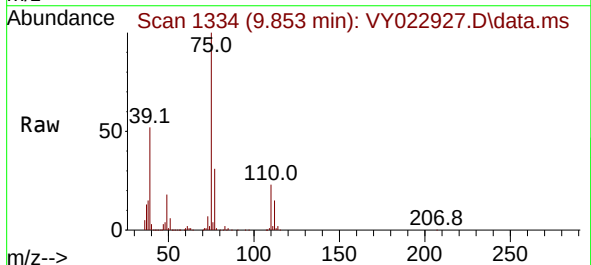
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

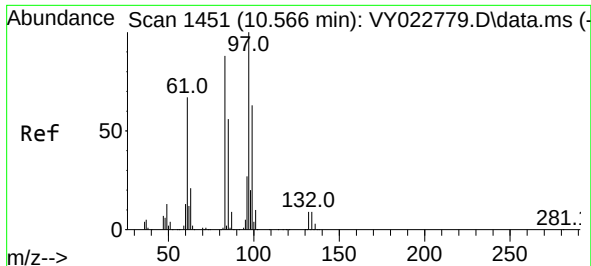
Tgt Ion: 75 Resp: 263782
Ion Ratio Lower Upper
75 100
77 31.7 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 50.573 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 75 Resp: 318358
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 51.6 42.7 64.1



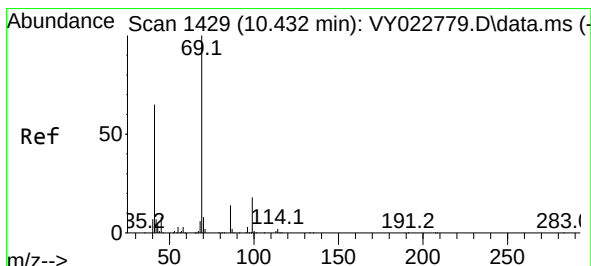
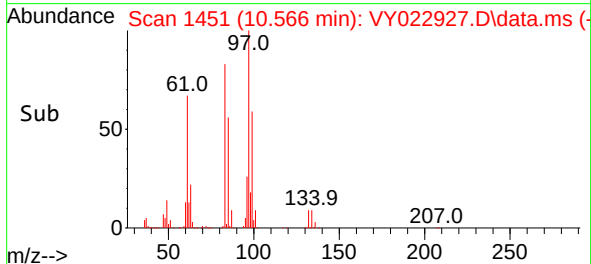
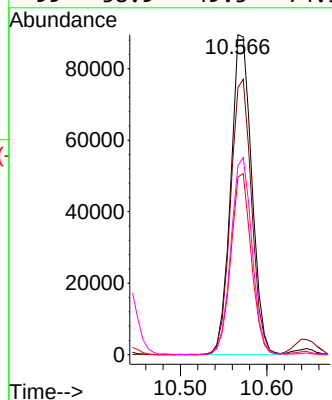
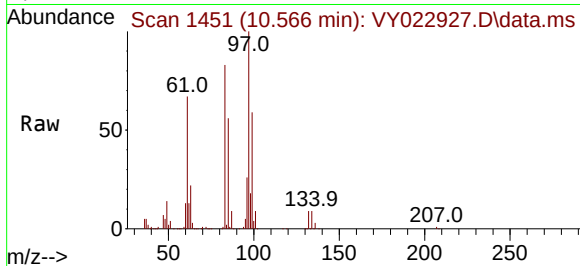


#55
1,1,2-Trichloroethane
Concen: 49.715 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 150639

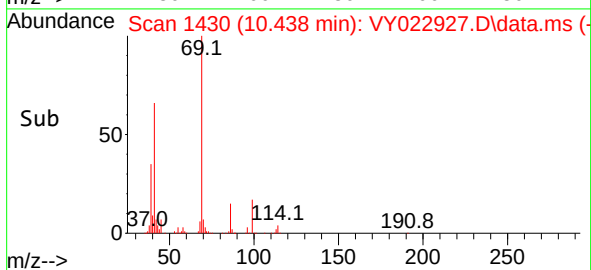
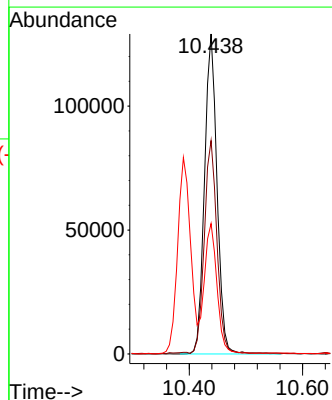
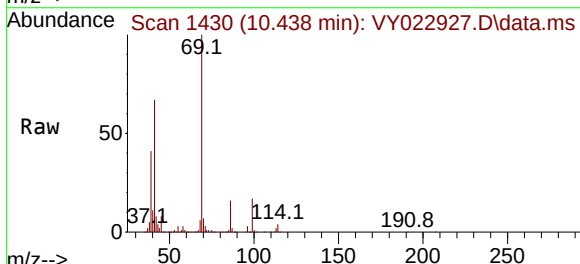
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.1	102.1
85	55.5	48.2	72.2
99	58.9	49.5	74.3

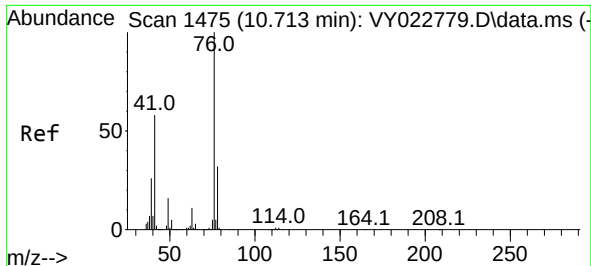


#56
Ethyl methacrylate
Concen: 48.604 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 69 Resp: 198142

Ion	Ratio	Lower	Upper
69	100		
41	68.1	52.2	78.2
39	41.1	36.7	55.1





#57

1,3-Dichloropropane

Concen: 49.945 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

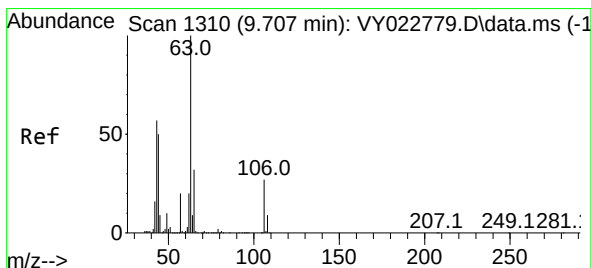
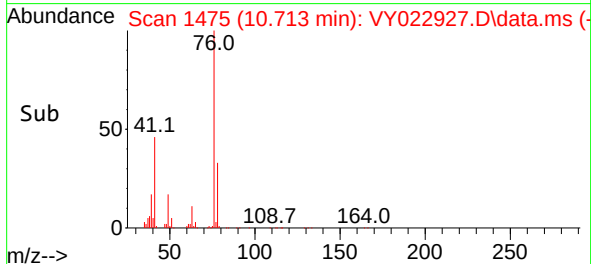
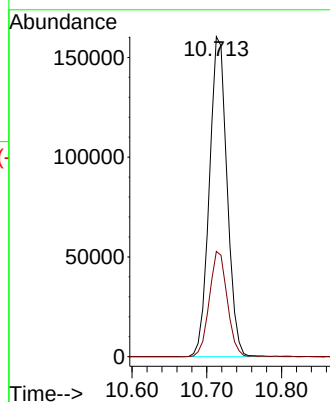
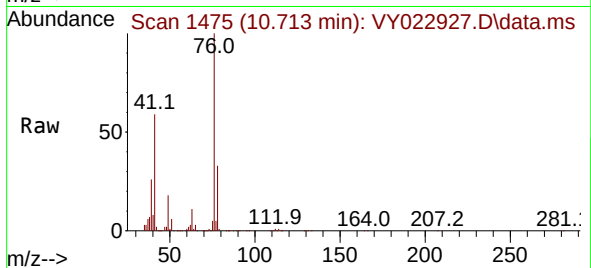
VSTDCCC050EC

Tgt Ion: 76 Resp: 264037

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 248.110 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022927.D

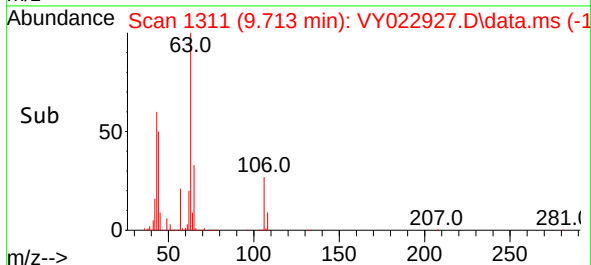
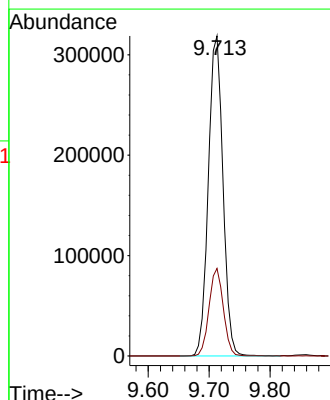
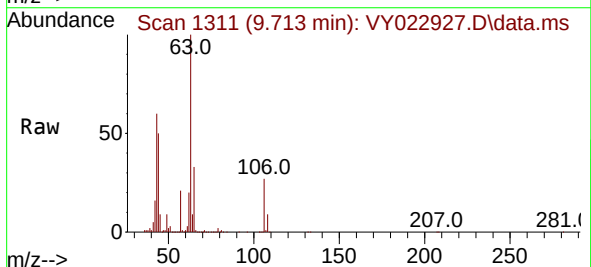
Acq: 02 Jul 2025 21:23

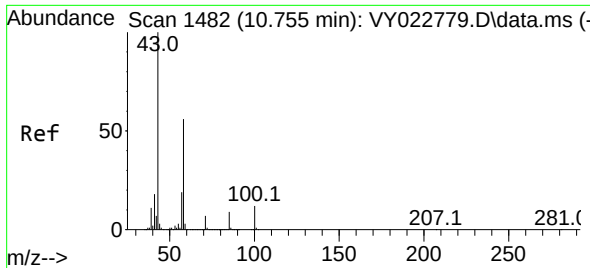
Tgt Ion: 63 Resp: 531334

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

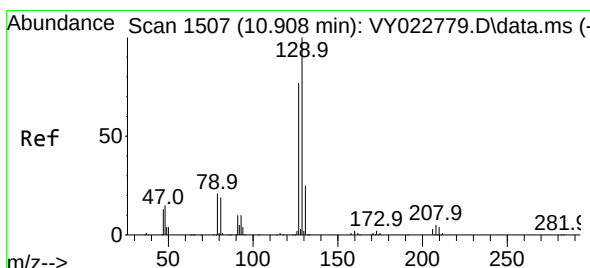
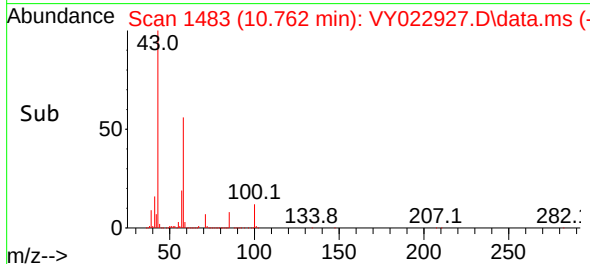
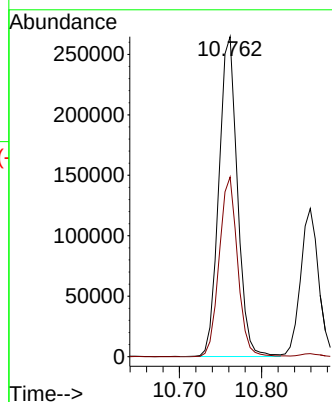
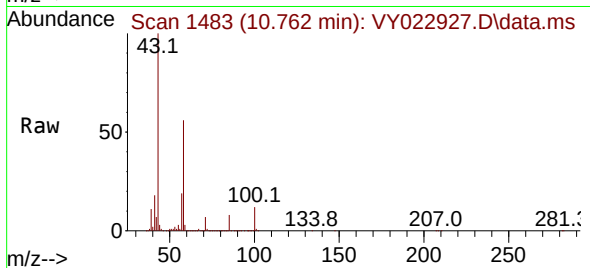




#59
2-Hexanone
Concen: 233.687 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

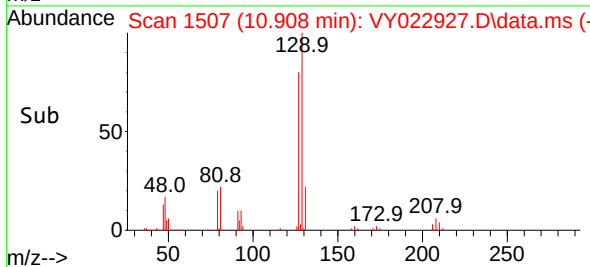
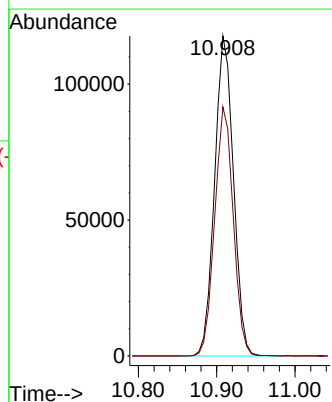
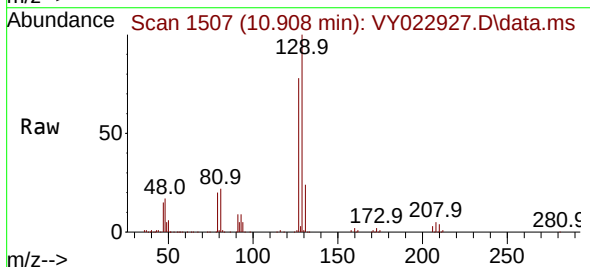
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

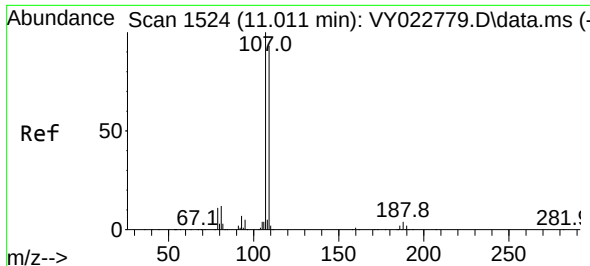
Tgt Ion: 43 Resp: 414804
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 50.237 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 129 Resp: 196620
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

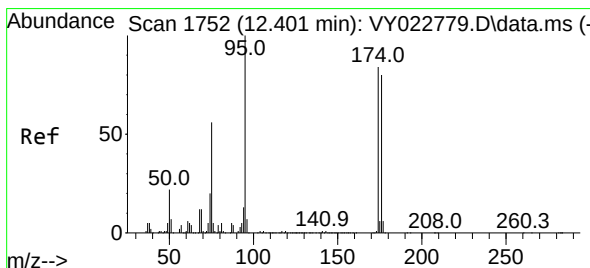
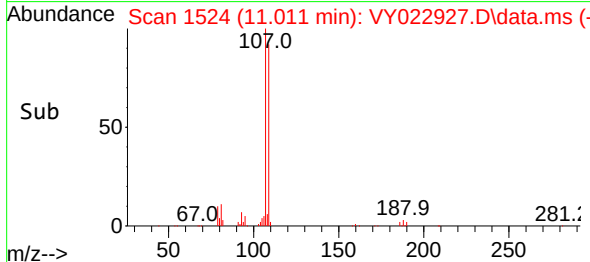
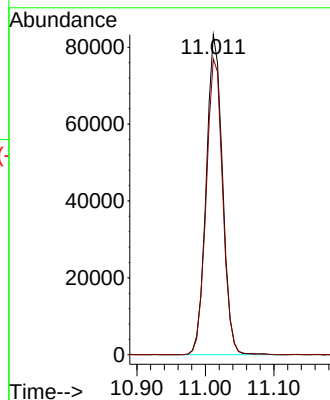
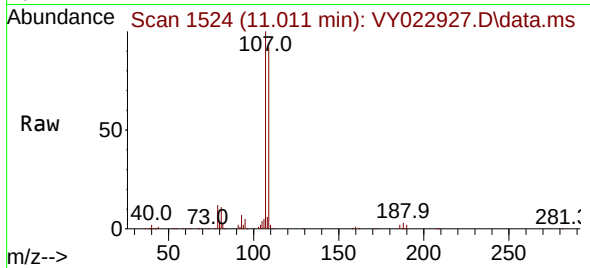




#61
1,2-Dibromoethane
Concen: 48.507 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

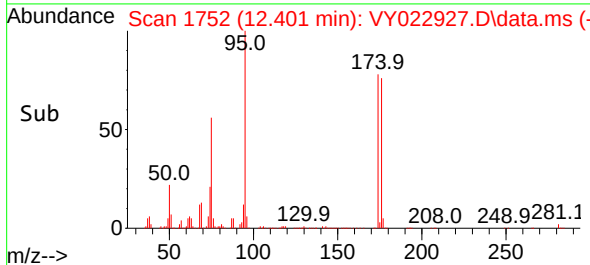
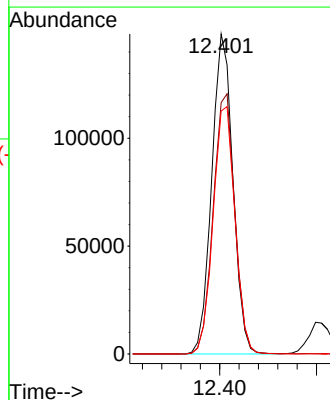
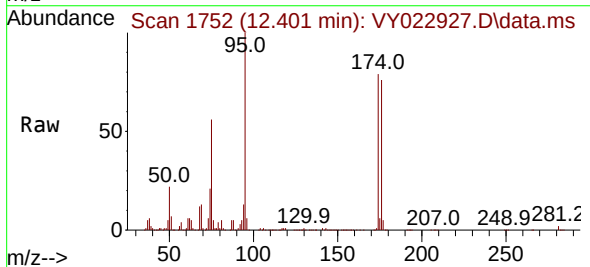
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

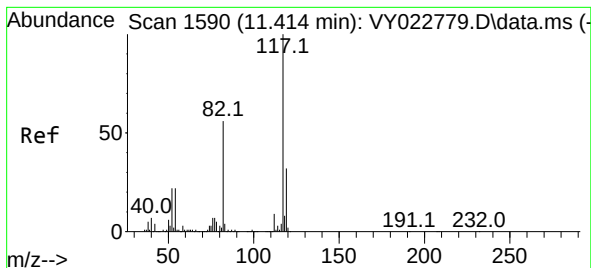
Tgt Ion:107 Resp: 137540
Ion Ratio Lower Upper
107 100
109 94.0 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 46.705 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 95 Resp: 225167
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.0
176 79.9 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: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

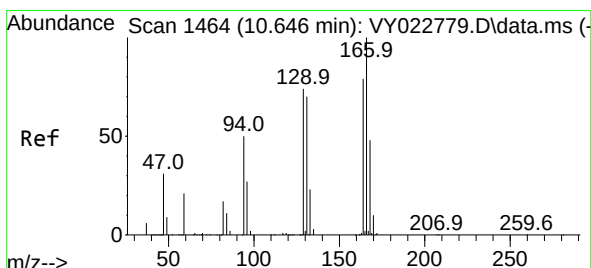
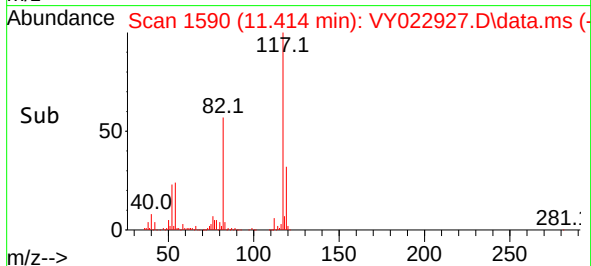
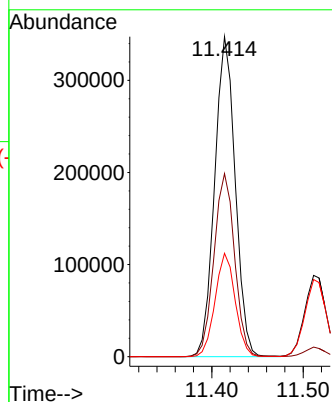
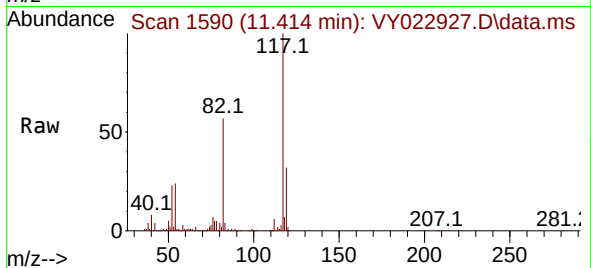
Tgt Ion:117 Resp: 543354

Ion Ratio Lower Upper

117 100

82 57.2 44.6 66.8

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 51.702 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Tgt Ion:164 Resp: 265389

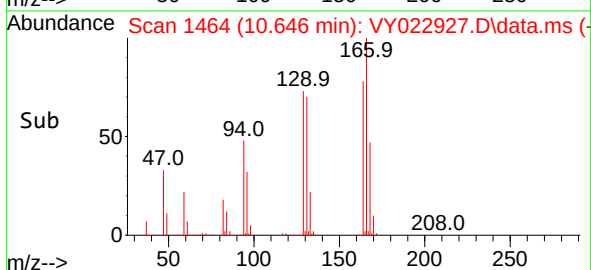
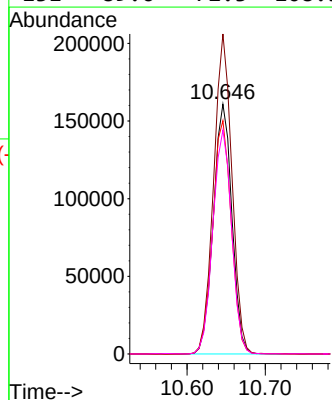
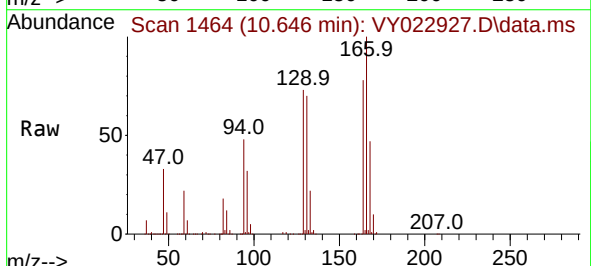
Ion Ratio Lower Upper

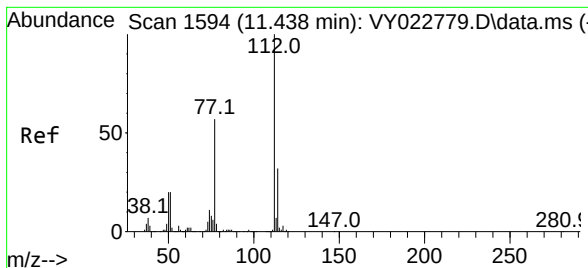
164 100

166 128.1 104.0 156.0

129 93.4 74.5 111.7

131 89.6 72.3 108.5

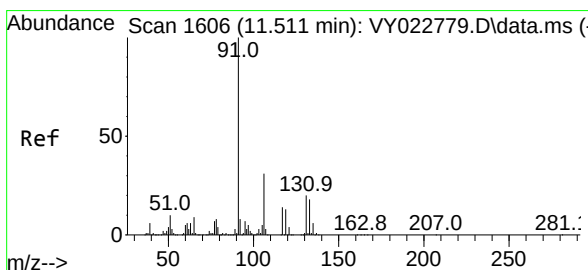
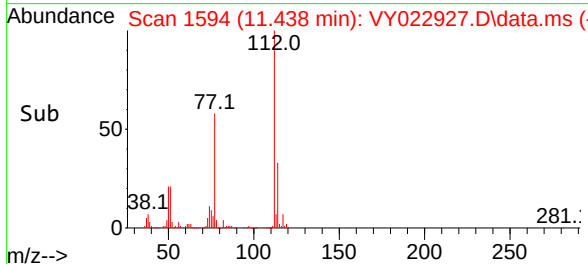
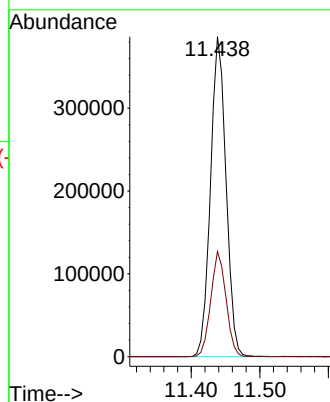
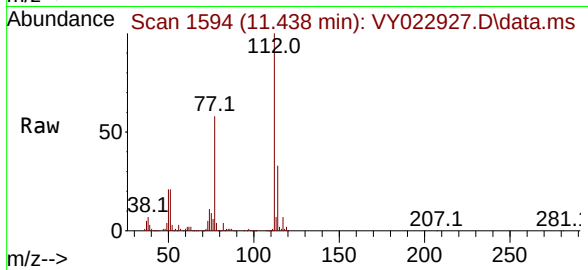




#65
Chlorobenzene
Concen: 50.942 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

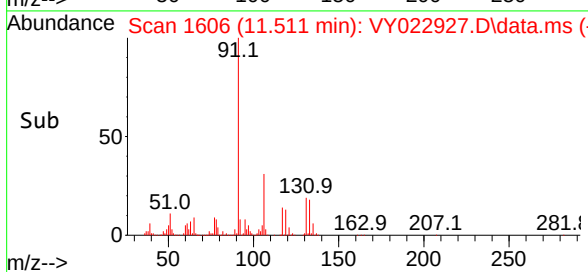
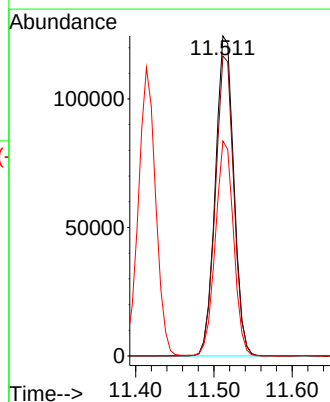
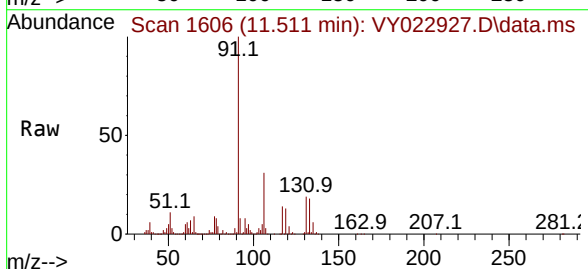
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

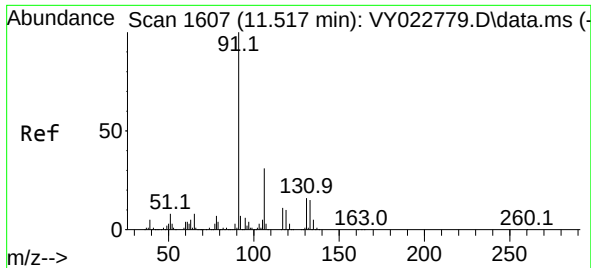
Tgt Ion:112 Resp: 608206
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.451 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion:131 Resp: 204017
Ion Ratio Lower Upper
131 100
133 93.8 47.3 141.8
119 66.6 33.1 99.3





#67

Ethyl Benzene

Concen: 51.854 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

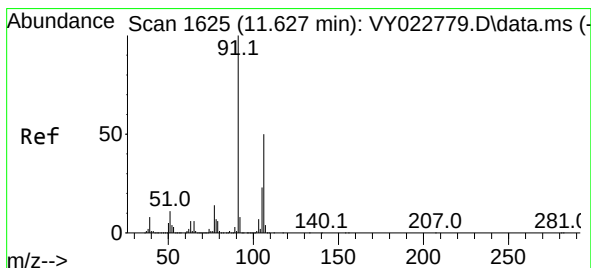
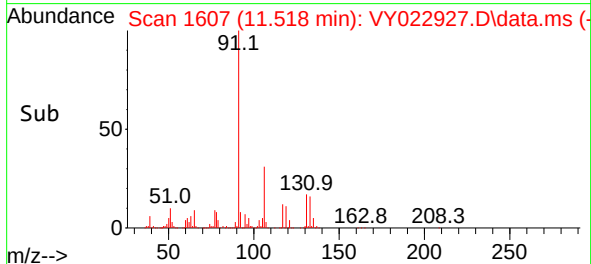
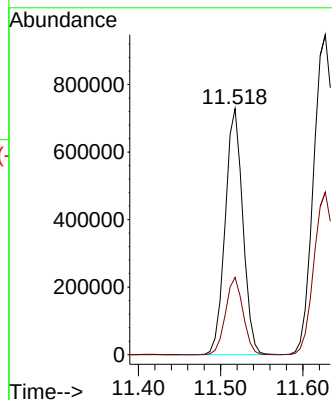
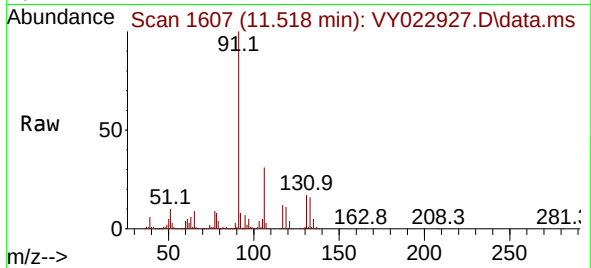
VSTDCCC050EC

Tgt Ion: 91 Resp: 1087741

Ion Ratio Lower Upper

91 100

106 31.4 24.2 36.4



#68

m/p-Xylenes

Concen: 104.643 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022927.D

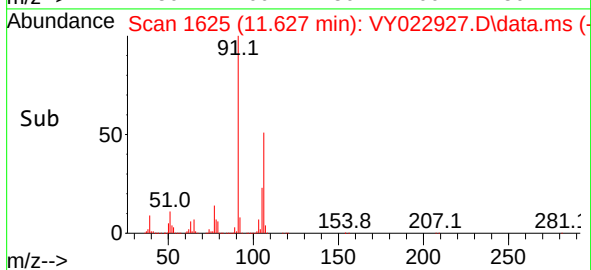
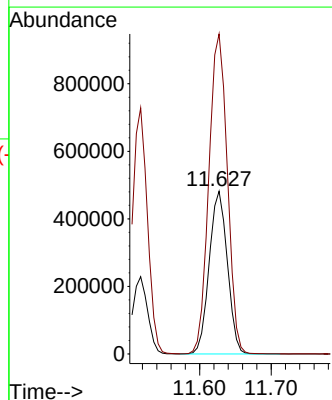
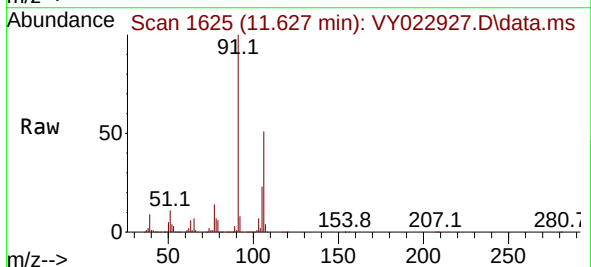
Acq: 02 Jul 2025 21:23

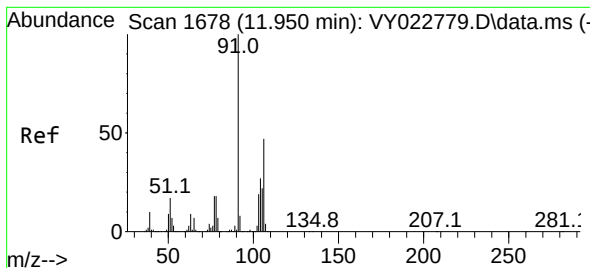
Tgt Ion: 106 Resp: 848547

Ion Ratio Lower Upper

106 100

91 200.4 159.4 239.0

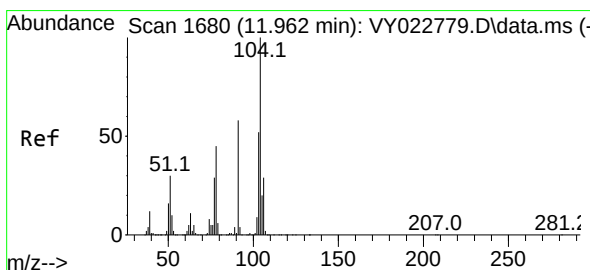
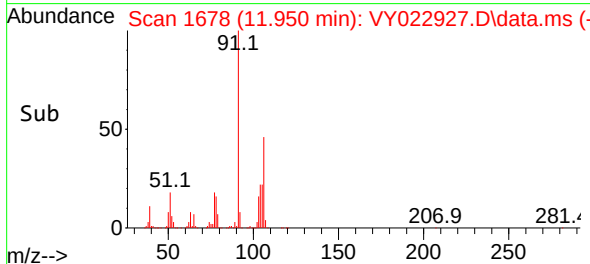
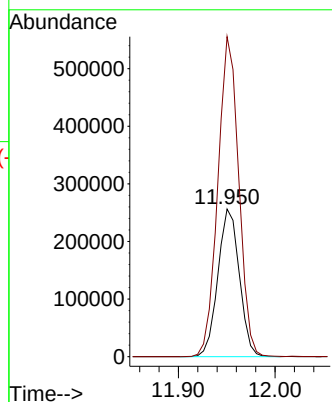
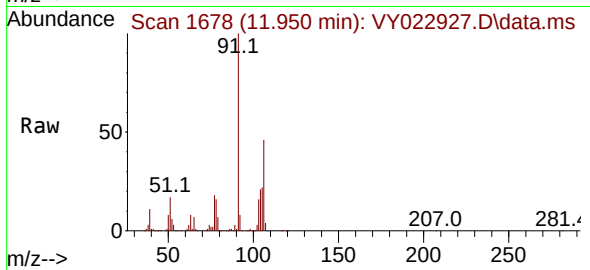




#69
o-Xylene
Concen: 51.518 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

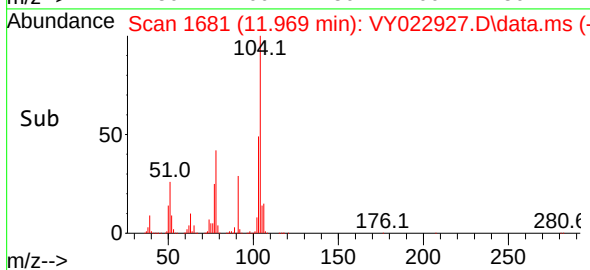
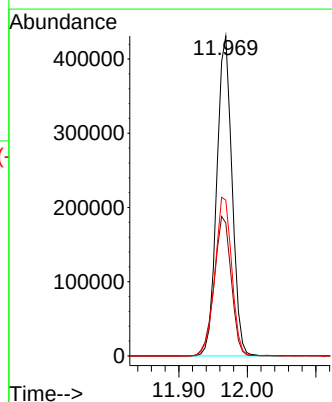
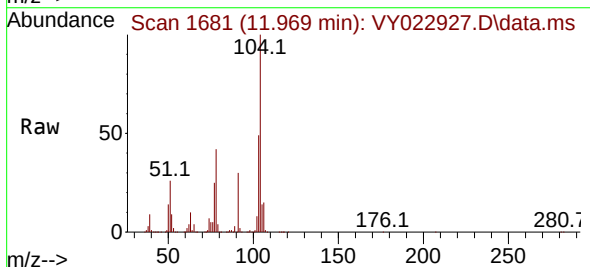
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

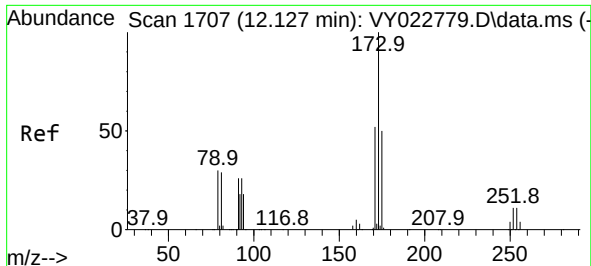
Tgt Ion:106 Resp: 393635
Ion Ratio Lower Upper
106 100
91 211.7 105.8 317.3



#70
Styrene
Concen: 51.899 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion:104 Resp: 664236
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 54.7 44.1 66.1

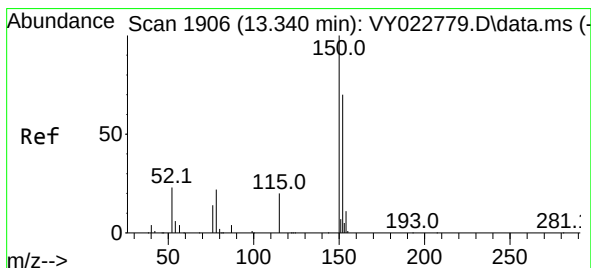
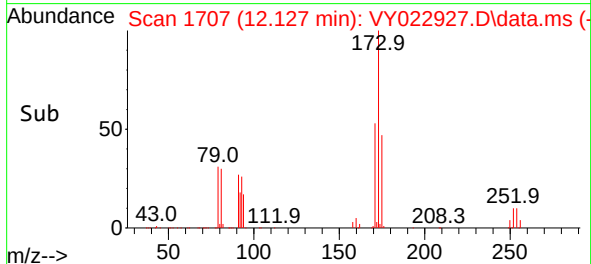
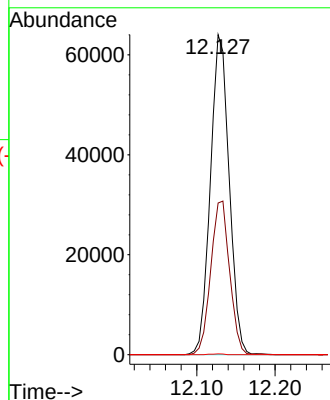
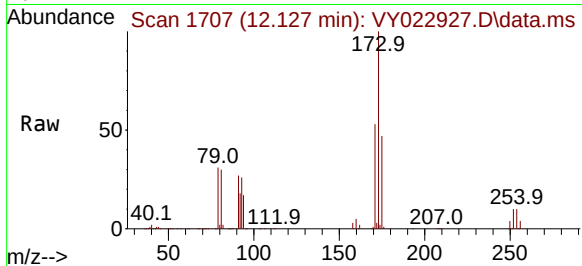




#71
Bromoform
Concen: 47.303 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

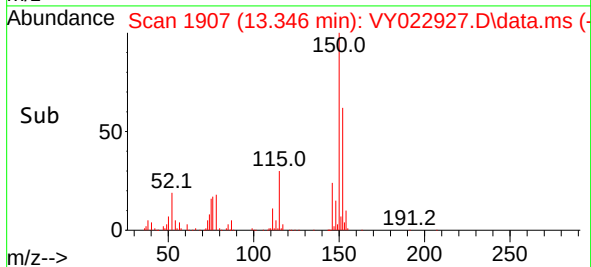
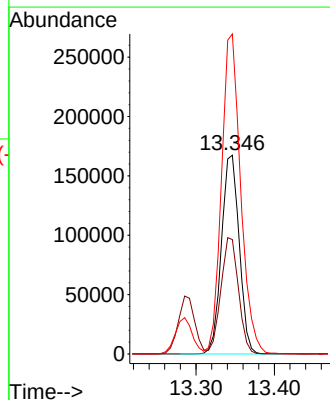
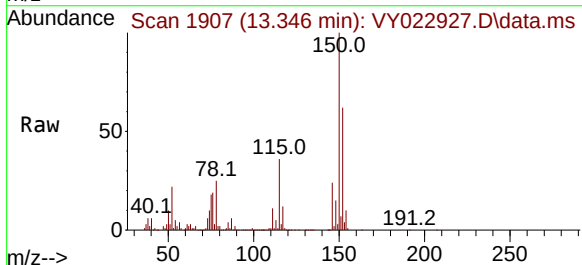
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

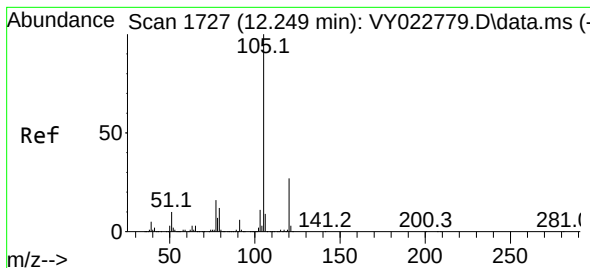
Tgt Ion:173 Resp: 106511
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.5
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion:152 Resp: 263643
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 174.0 0.0 349.6





#73

Isopropylbenzene

Concen: 52.149 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

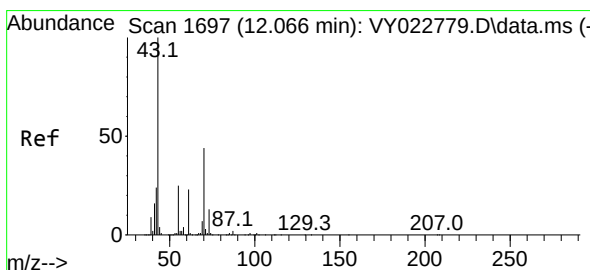
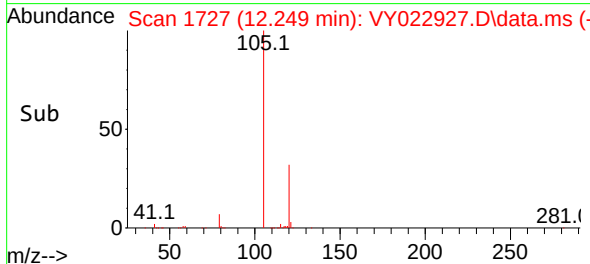
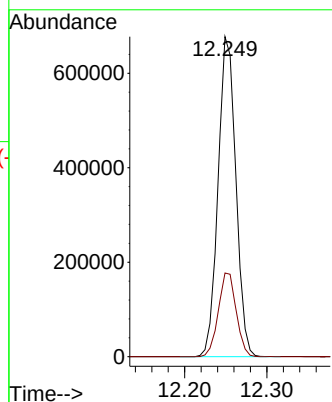
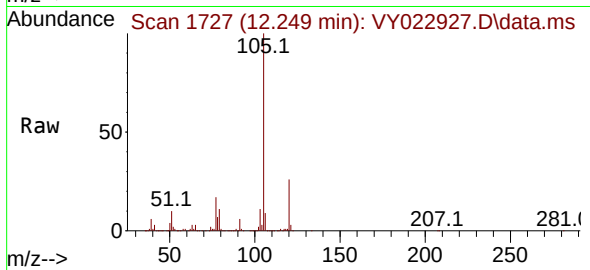
VSTDCCC050EC

Tgt Ion:105 Resp: 1016815

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 48.066 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Tgt Ion: 43 Resp: 210365

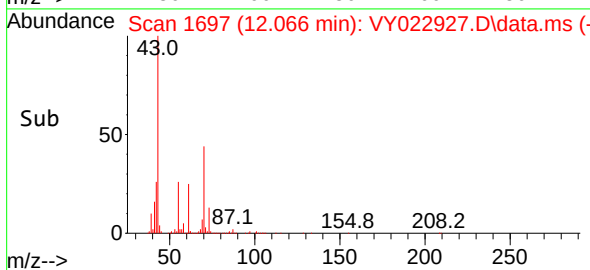
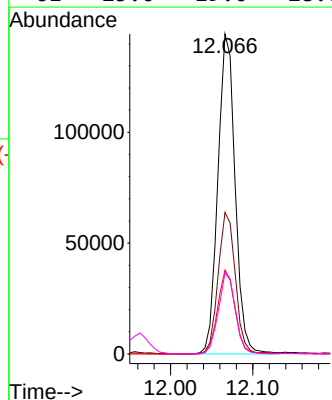
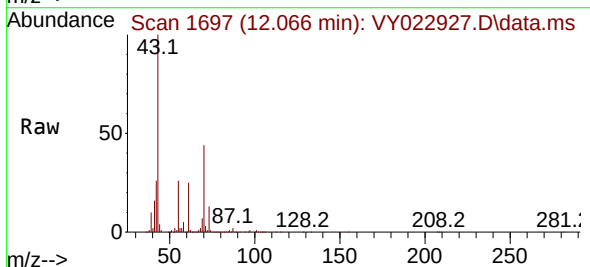
Ion Ratio Lower Upper

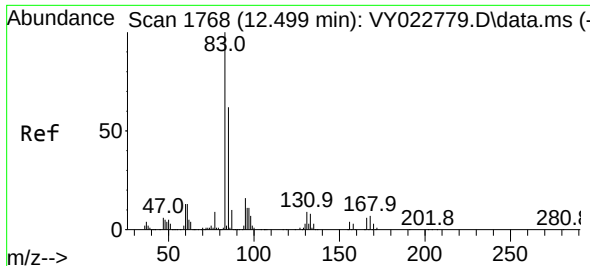
43 100

70 44.3 34.2 51.2

55 26.4 18.2 27.4

61 25.0 19.0 28.6

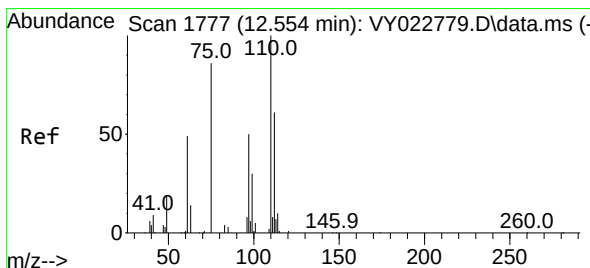
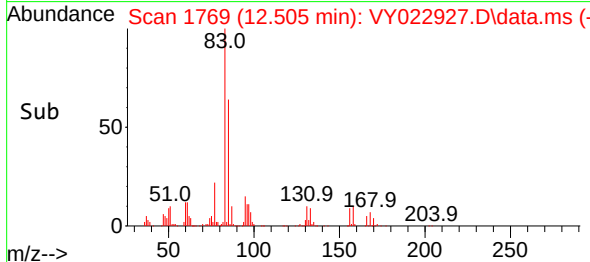
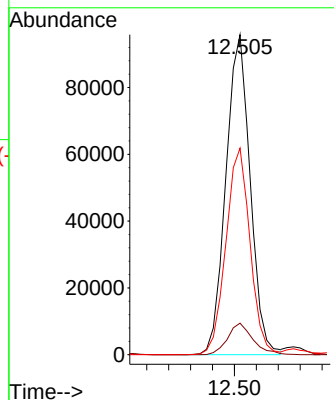
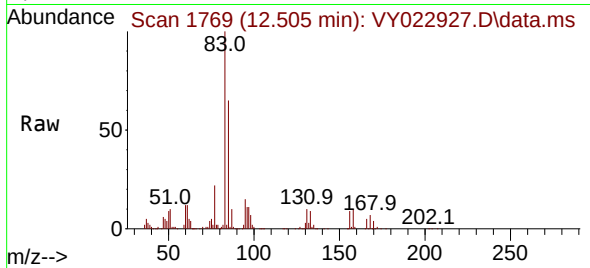




#75
1,1,2,2-Tetrachloroethane
Concen: 46.935 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

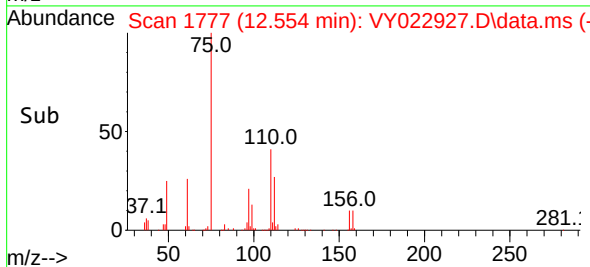
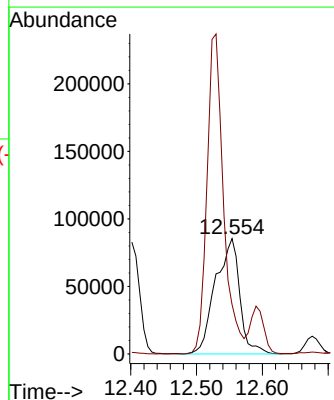
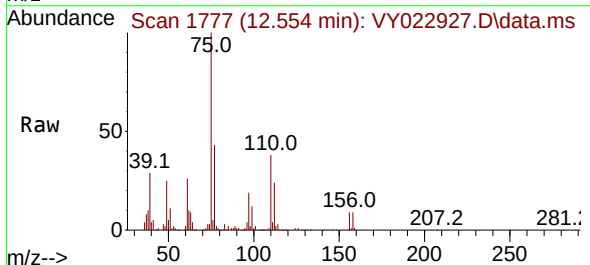
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

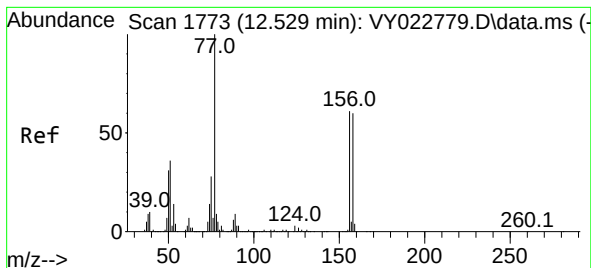
Tgt Ion: 83 Resp: 147493
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 64.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 81.485 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 75 Resp: 219322
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.081 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

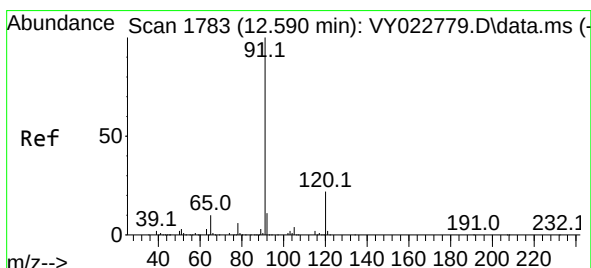
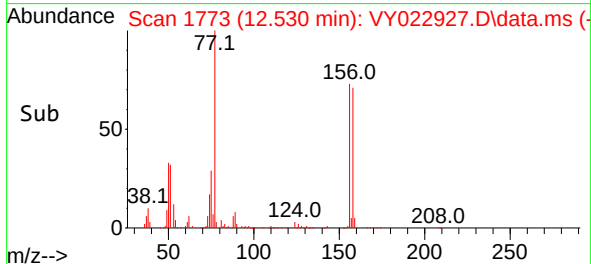
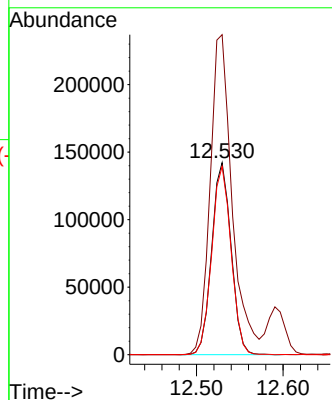
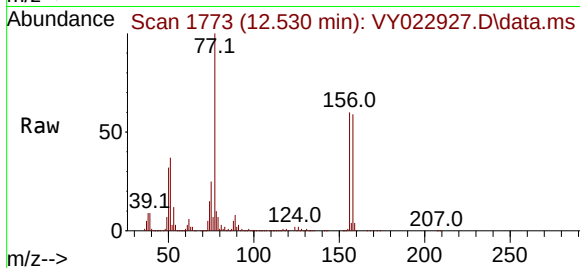
Tgt Ion:156 Resp: 221335

Ion Ratio Lower Upper

156 100

77 188.1 94.0 282.1

158 97.9 48.2 144.6



#78

n-propylbenzene

Concen: 52.677 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022927.D

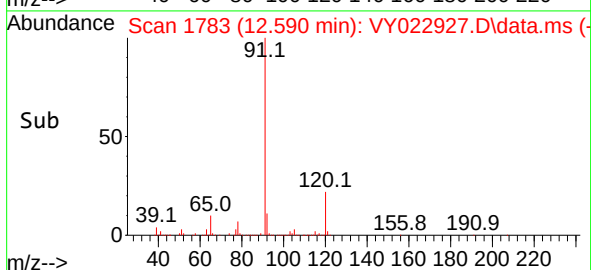
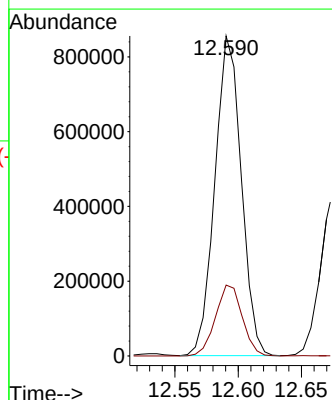
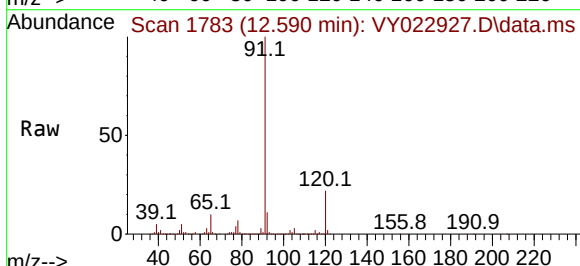
Acq: 02 Jul 2025 21:23

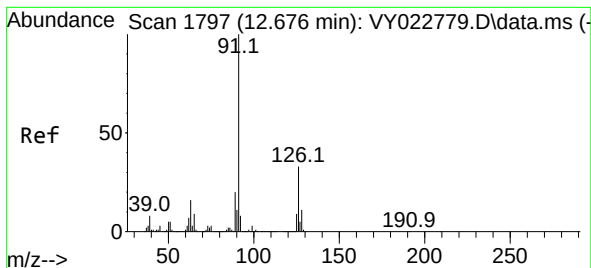
Tgt Ion: 91 Resp: 1240075

Ion Ratio Lower Upper

91 100

120 22.5 10.8 32.4

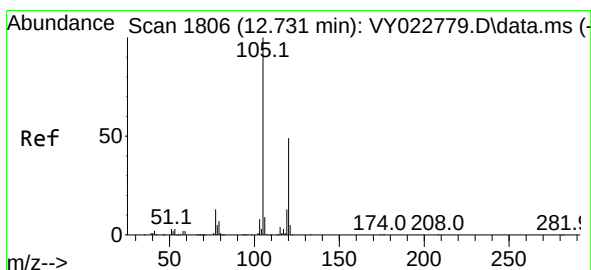
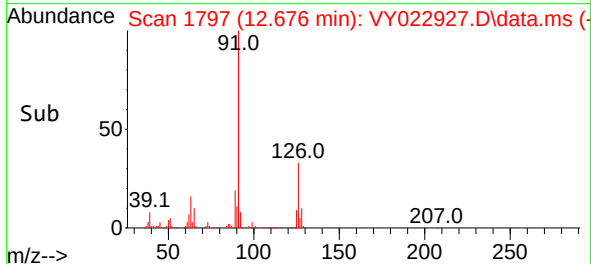
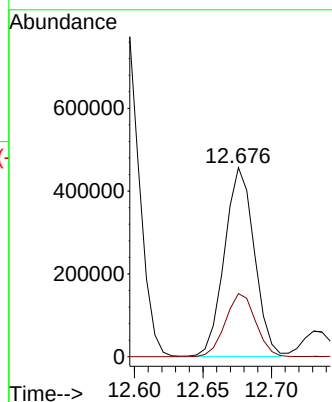
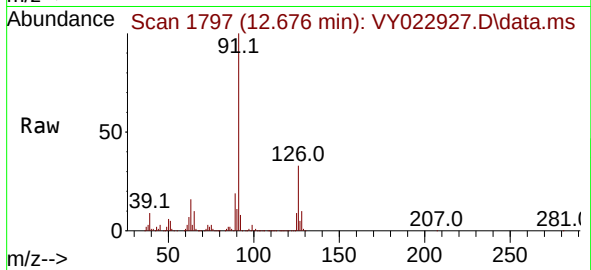




#79
2-Chlorotoluene
Concen: 52.015 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

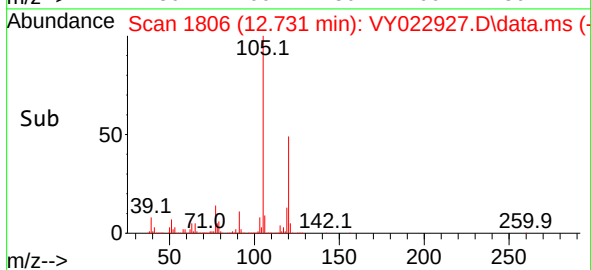
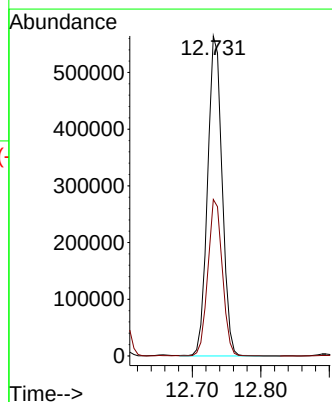
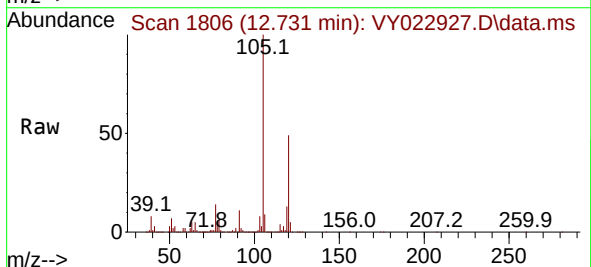
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

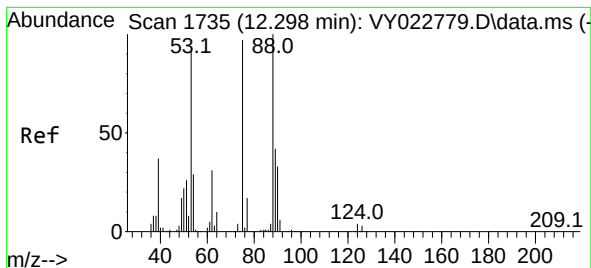
Tgt Ion: 91 Resp: 691817
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 52.799 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 105 Resp: 831057
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4

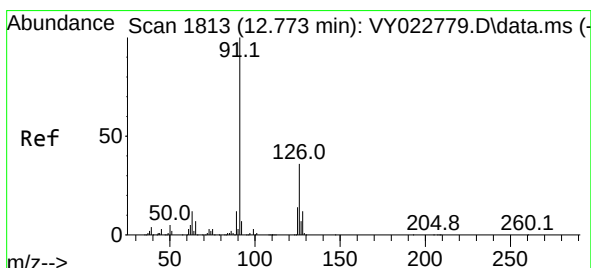
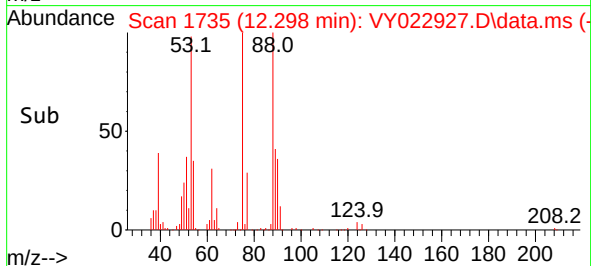
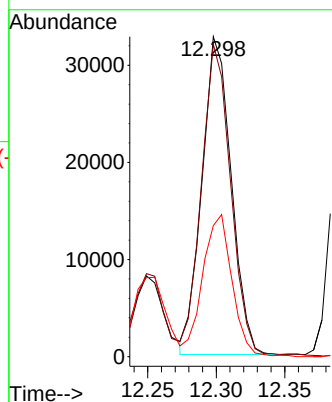
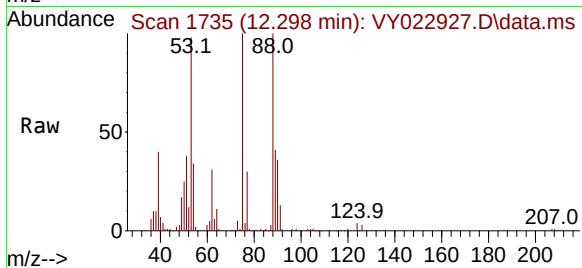




#81
trans-1,4-Dichloro-2-butene
Concen: 45.676 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

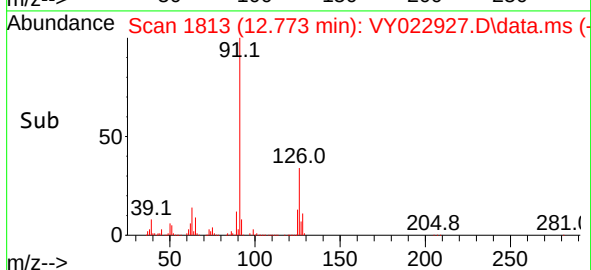
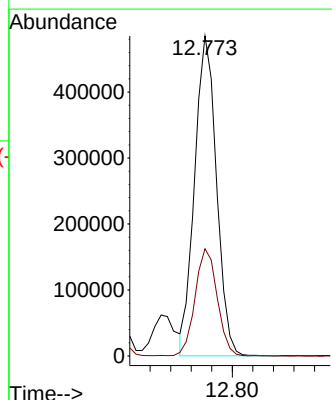
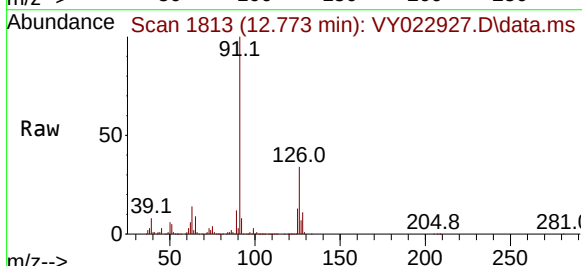
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

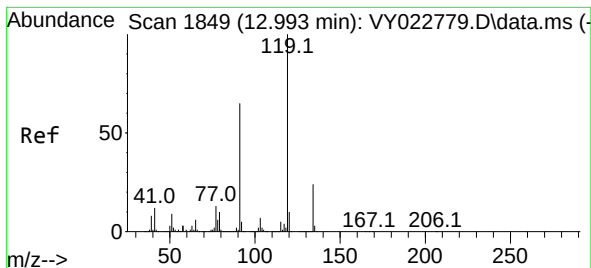
Tgt Ion: 75 Resp: 48662
Ion Ratio Lower Upper
75 100
53 98.8 78.5 117.7
89 45.0 35.7 53.5



#82
4-Chlorotoluene
Concen: 51.295 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022927.D
Acq: 02 Jul 2025 21:23

Tgt Ion: 91 Resp: 716622
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 53.024 ug/l

RT: 12.993 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

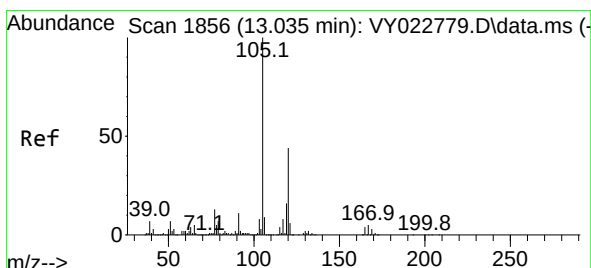
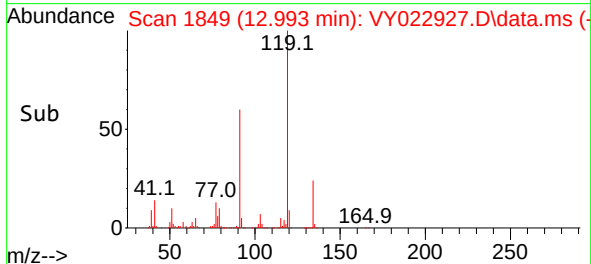
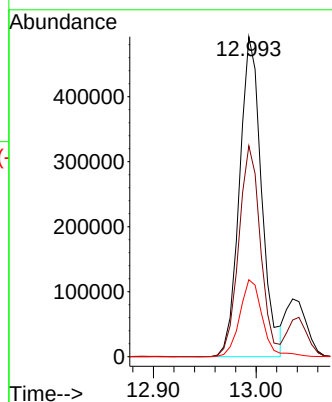
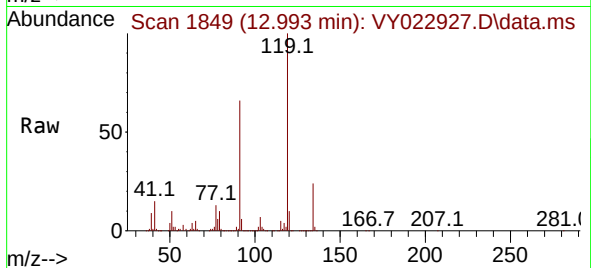
Tgt Ion:119 Resp: 736047

Ion Ratio Lower Upper

119 100

91 65.1 32.1 96.3

134 24.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.265 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022927.D

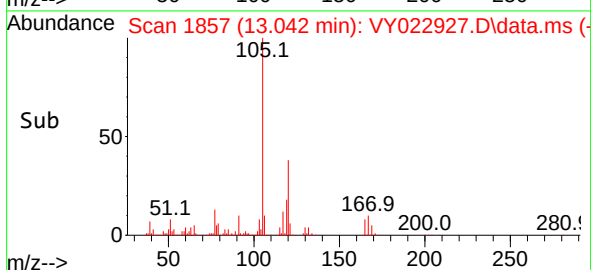
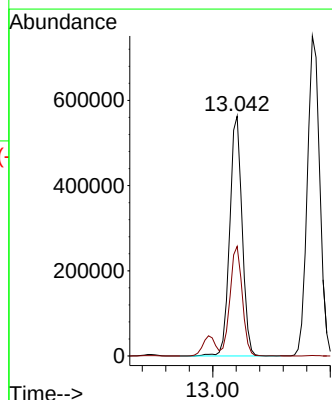
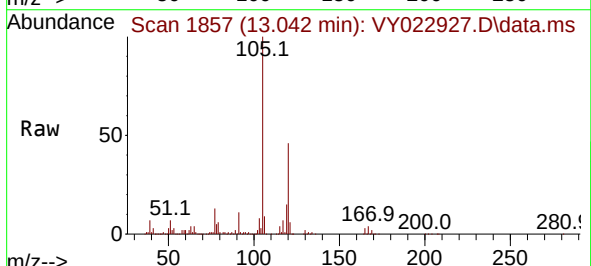
Acq: 02 Jul 2025 21:23

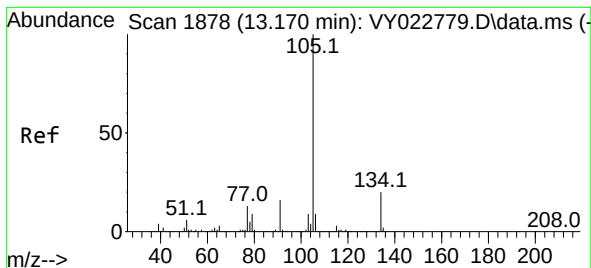
Tgt Ion:105 Resp: 823637

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.612 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

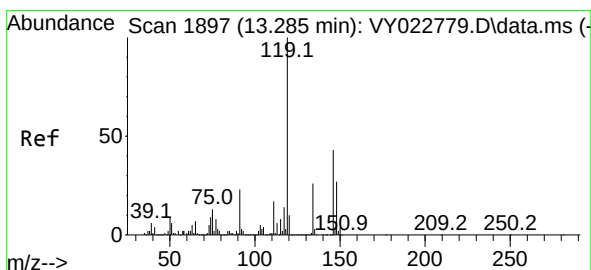
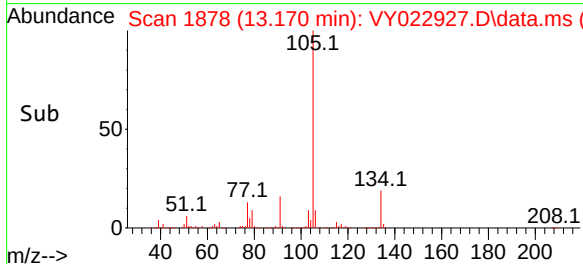
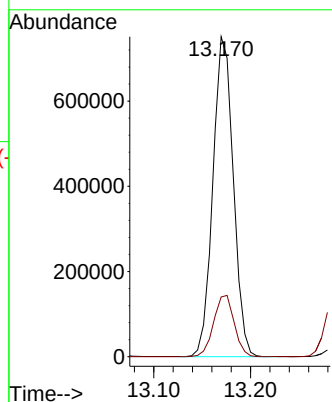
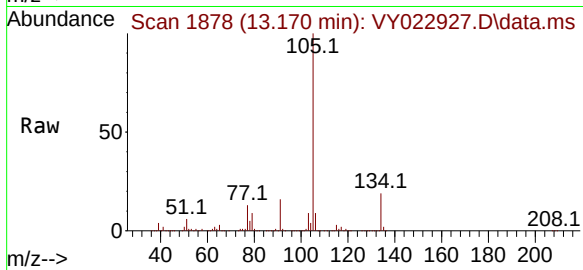
VSTDCCC050EC

Tgt Ion:105 Resp: 1098845

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 52.003 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

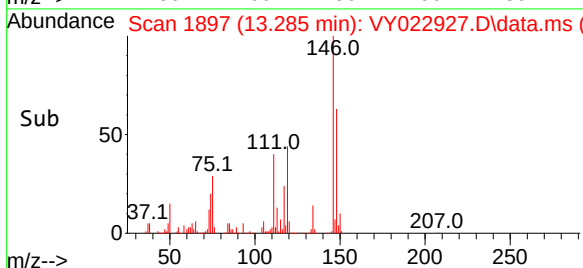
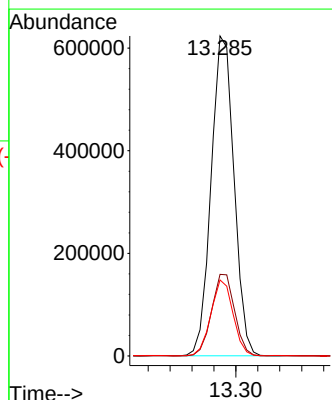
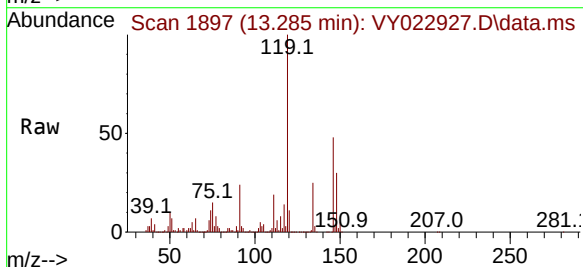
Tgt Ion:119 Resp: 903855

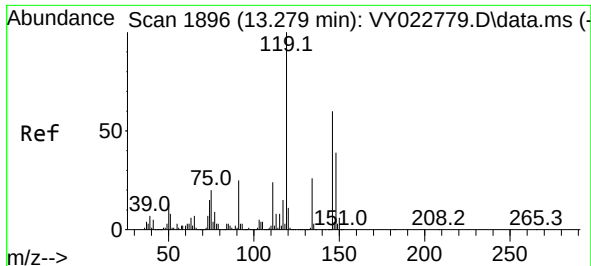
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 50.605 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

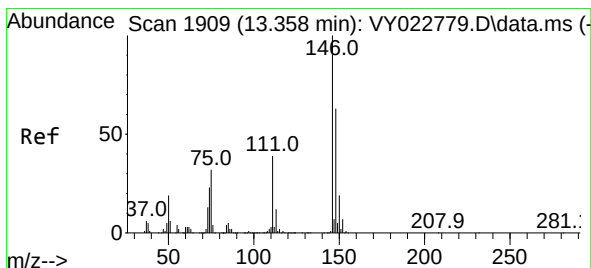
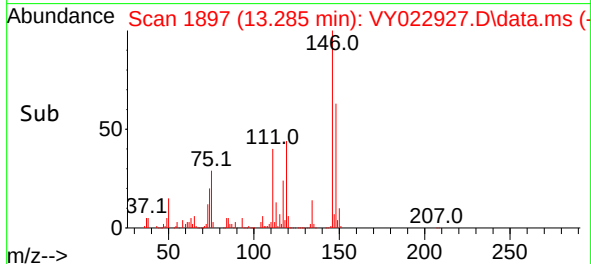
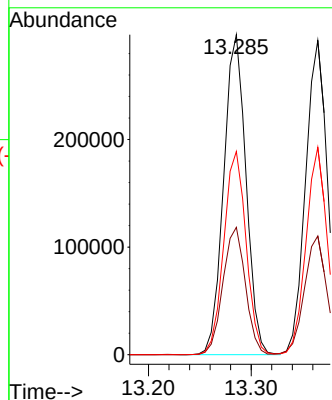
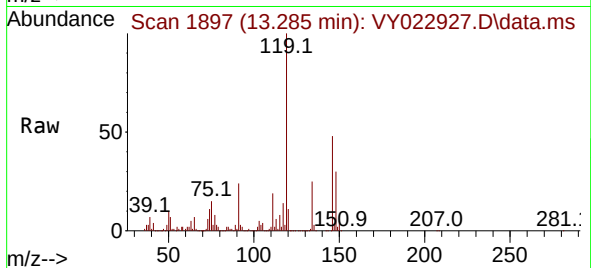
Tgt Ion:146 Resp: 449174

Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

148 63.4 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 49.152 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

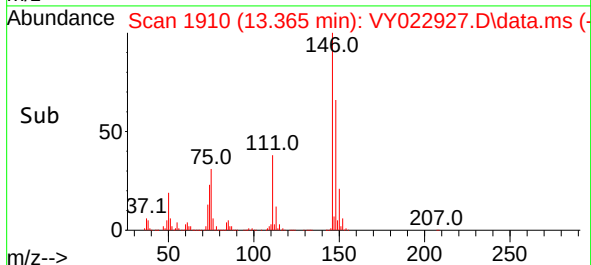
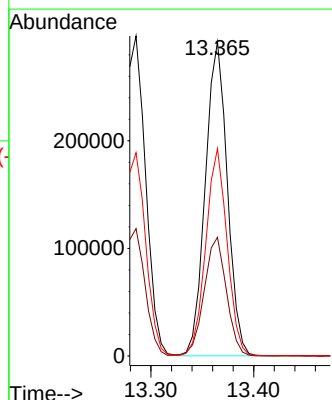
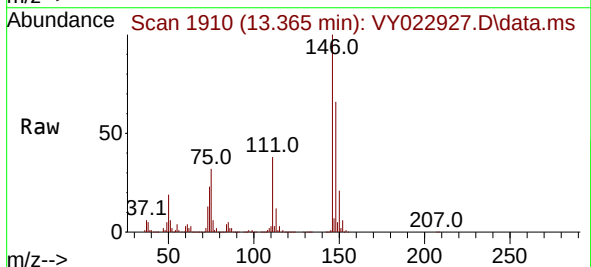
Tgt Ion:146 Resp: 433373

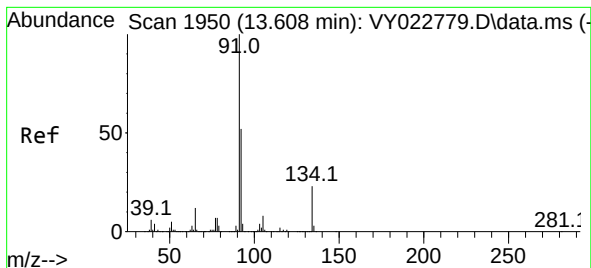
Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 51.014 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

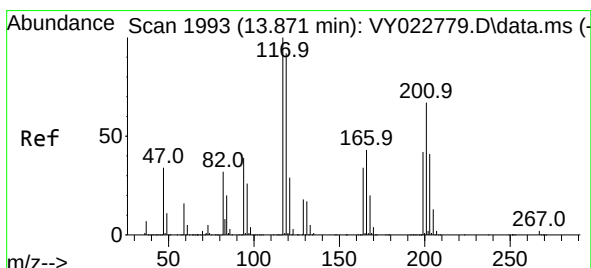
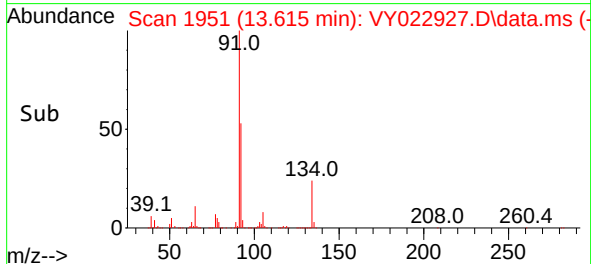
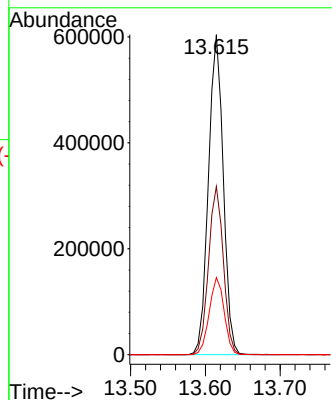
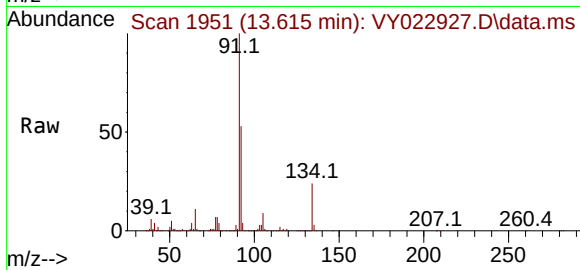
Tgt Ion: 91 Resp: 834023

Ion Ratio Lower Upper

91 100

92 52.6 25.9 77.8

134 24.3 12.0 36.1



#90

Hexachloroethane

Concen: 51.647 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022927.D

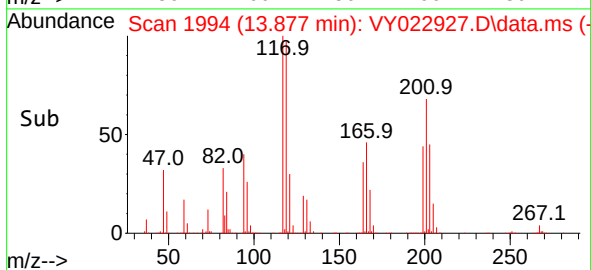
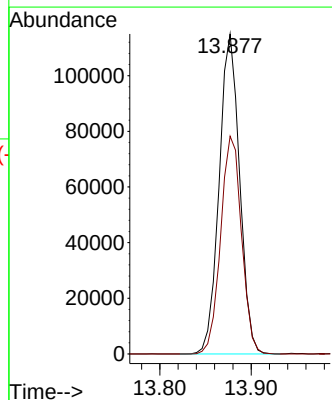
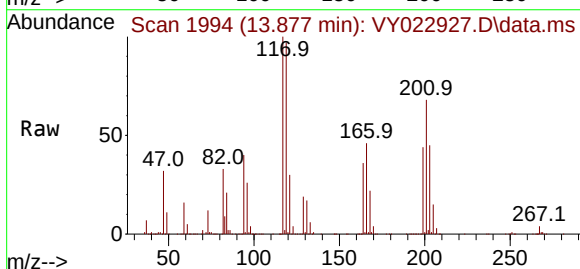
Acq: 02 Jul 2025 21:23

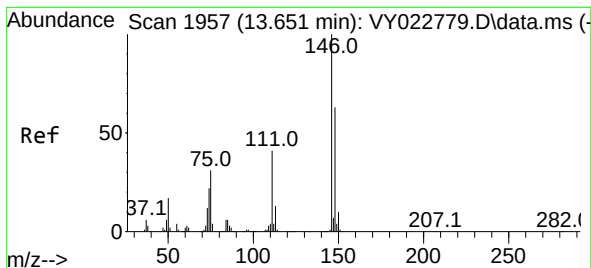
Tgt Ion: 117 Resp: 178789

Ion Ratio Lower Upper

117 100

201 69.4 34.0 102.0

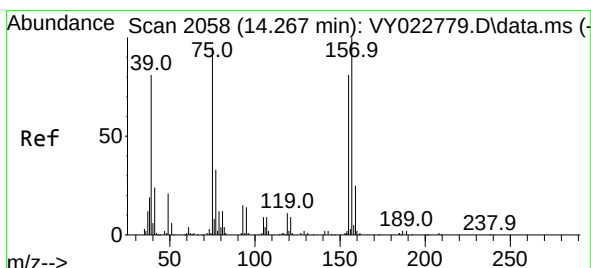
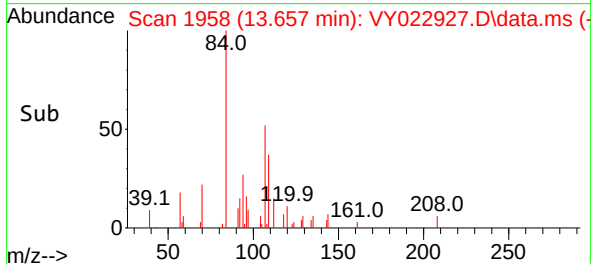
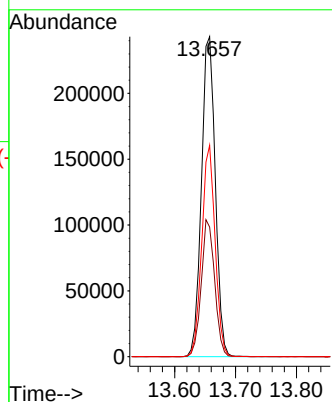
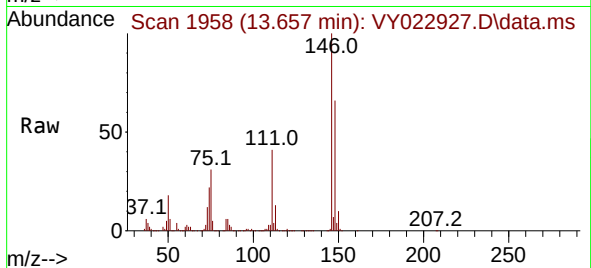




#91
 1,2-Dichlorobenzene
 Concen: 49.147 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022927.D
 Acq: 02 Jul 2025 21:23

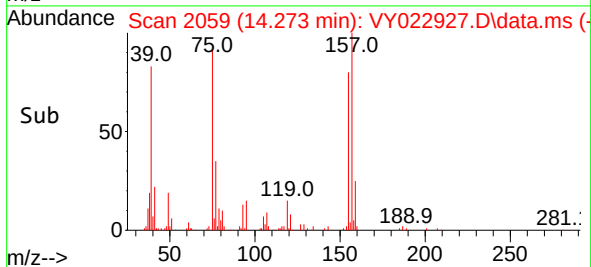
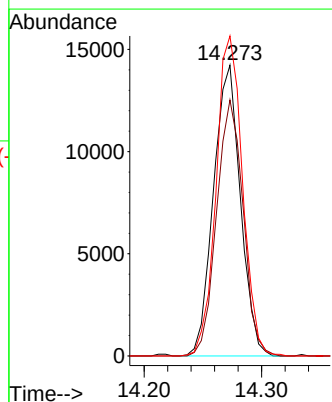
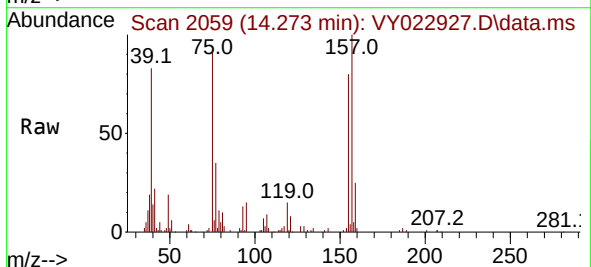
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

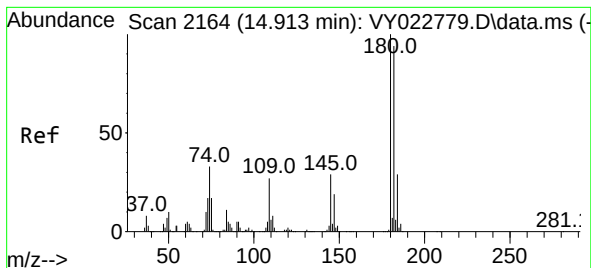
Tgt Ion:146 Resp: 384429
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.2 60.6
 148 63.7 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.544 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022927.D
 Acq: 02 Jul 2025 21:23

Tgt Ion: 75 Resp: 22672
 Ion Ratio Lower Upper
 75 100
 155 86.5 39.9 119.6
 157 107.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 43.657 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

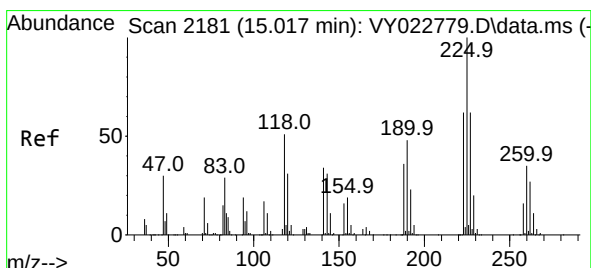
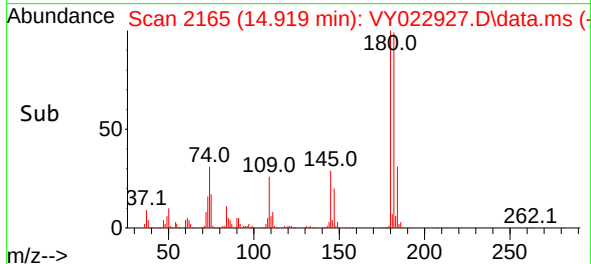
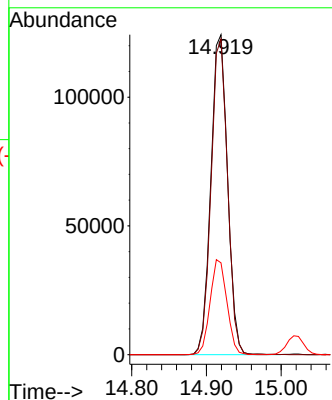
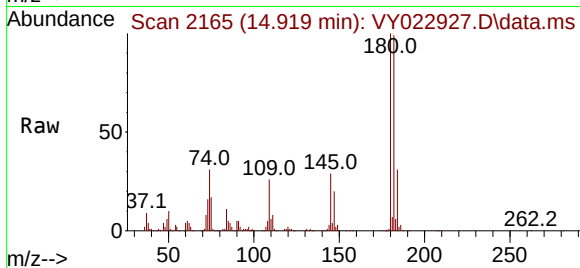
Tgt Ion:180 Resp: 192806

Ion Ratio Lower Upper

180 100

182 97.1 48.4 145.3

145 29.8 15.5 46.5



#94

Hexachlorobutadiene

Concen: 43.827 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

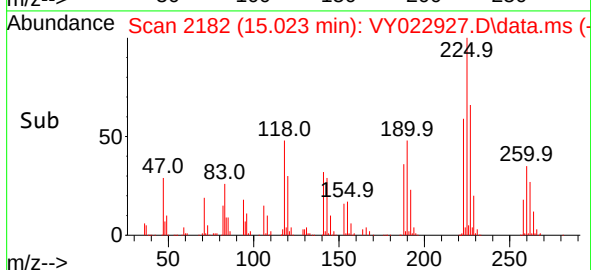
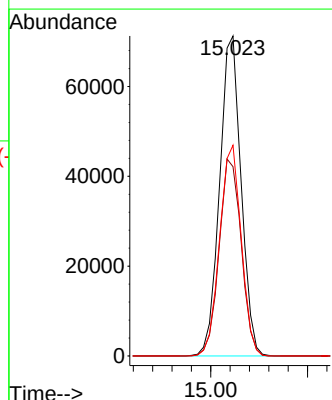
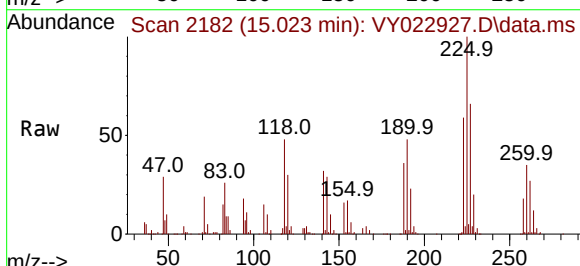
Tgt Ion:225 Resp: 109453

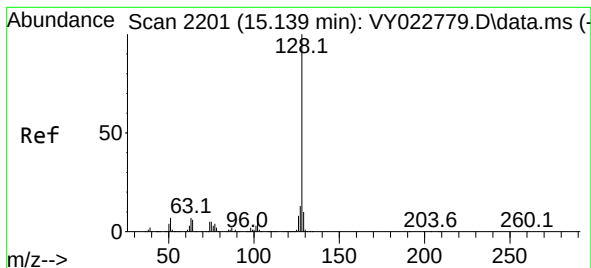
Ion Ratio Lower Upper

225 100

223 63.4 32.5 97.4

227 66.4 32.3 96.9





#95

Naphthalene

Concen: 43.388 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

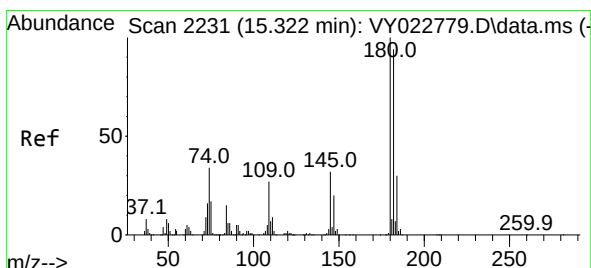
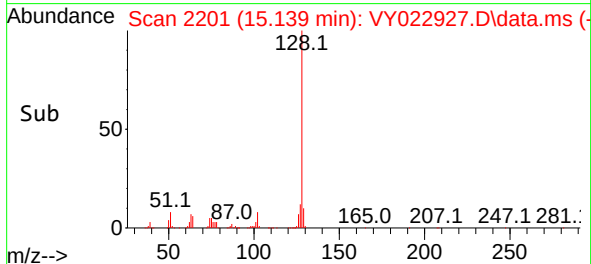
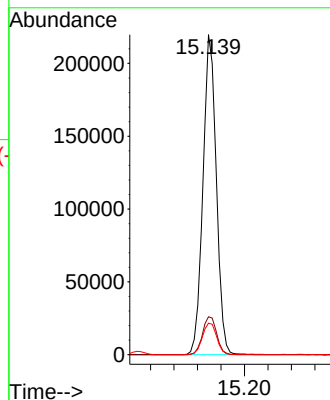
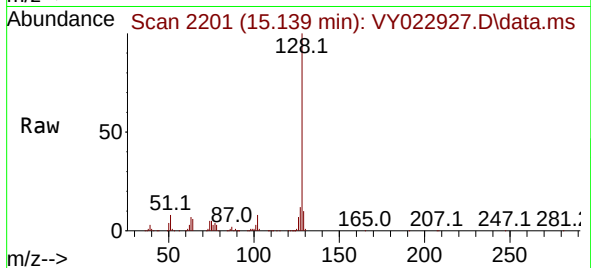
Tgt Ion:128 Resp: 346512

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 43.232 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022927.D

Acq: 02 Jul 2025 21:23

Tgt Ion:180 Resp: 164987

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 31.5 15.2 45.6

