

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022903.D
 Acq On : 02 Jul 2025 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 02:17:15 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	7.713	168	453239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	750175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	644334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	321198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	249332	49.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.580%
35) Dibromofluoromethane	7.634	113	227050	49.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.109	98	913078	50.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.402	95	291499	50.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	186320	48.074	ug/l	98
3) Chloromethane	2.068	50	406579	54.938	ug/l	98
4) Vinyl Chloride	2.202	62	473041	51.162	ug/l	100
5) Bromomethane	2.598	94	366252	50.387	ug/l	99
6) Chloroethane	2.739	64	325483	52.370	ug/l	95
7) Trichlorofluoromethane	3.056	101	512534	50.063	ug/l	97
8) Diethyl Ether	3.458	74	131602	52.045	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	239790	51.252	ug/l	98
10) Methyl Iodide	4.007	142	268171	52.645	ug/l	99
11) Tert butyl alcohol	4.891	59	77275	229.738	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	237332	51.733	ug/l	97
13) Acrolein	3.659	56	59412	130.259	ug/l	98
14) Allyl chloride	4.385	41	389043	55.134	ug/l	93
15) Acrylonitrile	5.061	53	283103	268.343	ug/l	100
16) Acetone	3.879	43	295403	308.962	ug/l	97
17) Carbon Disulfide	4.104	76	755112	50.951	ug/l	100
18) Methyl Acetate	4.391	43	154964	48.941	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	661264	52.936	ug/l	100
20) Methylene Chloride	4.616	84	296352	49.080	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	272178	51.911	ug/l	99
22) Diisopropyl ether	6.025	45	859742	54.863	ug/l	98
23) Vinyl Acetate	5.964	43	2436577	281.530	ug/l	100
24) 1,1-Dichloroethane	5.921	63	510988	53.984	ug/l	99
25) 2-Butanone	6.903	43	396519	284.947	ug/l	98
26) 2,2-Dichloropropane	6.890	77	438828	55.306	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	315381	51.765	ug/l	97
28) Bromochloromethane	7.244	49	206234	51.825	ug/l	97
29) Tetrahydrofuran	7.268	42	237778	270.605	ug/l	98
30) Chloroform	7.427	83	508238	52.131	ug/l	94
31) Cyclohexane	7.701	56	459160	52.845	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	448242	53.205	ug/l	99
36) 1,1-Dichloropropene	7.835	75	371706	53.752	ug/l	100
37) Ethyl Acetate	6.988	43	165291	55.392	ug/l	98
38) Carbon Tetrachloride	7.823	117	388703	53.273	ug/l	99
39) Methylcyclohexane	9.109	83	491933	54.971	ug/l	99
40) Benzene	8.079	78	1141160	53.674	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	89058	48.479	ug/l	96
42) 1,2-Dichloroethane	8.158	62	311167	53.409	ug/l	99
43) Isopropyl Acetate	8.201	43	339974	54.817	ug/l	99
44) Trichloroethene	8.866	130	284153	53.232	ug/l	100
45) 1,2-Dichloropropane	9.140	63	272403	54.743	ug/l	100
46) Dibromomethane	9.231	93	145649	51.562	ug/l	96
47) Bromodichloromethane	9.426	83	384954	52.849	ug/l	95
48) Methyl methacrylate	9.219	41	166230	55.754	ug/l	94
49) 1,4-Dioxane	9.238	88	32026	959.632	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	891979	283.019	ug/l	97
52) Toluene	10.170	92	725115	54.060	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	360192	54.960	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	413613	54.430	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	194751	53.244	ug/l	96
56) Ethyl methacrylate	10.438	69	273989	55.677	ug/l	94
57) 1,3-Dichloropropane	10.719	76	342524	53.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	675089	260.320	ug/l	100
59) 2-Hexanone	10.762	43	618341	288.576	ug/l	98
60) Dibromochloromethane	10.914	129	248656	52.630	ug/l	99
61) 1,2-Dibromoethane	11.018	107	179534	52.452	ug/l	98
64) Tetrachloroethene	10.646	164	320778	52.699	ug/l	96
65) Chlorobenzene	11.444	112	759204	53.623	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	254715	53.117	ug/l	98
67) Ethyl Benzene	11.518	91	1394245	56.048	ug/l	98
68) m/p-Xylenes	11.627	106	1074780	111.770	ug/l	99
69) o-Xylene	11.957	106	504799	55.713	ug/l	99
70) Styrene	11.969	104	846178	55.754	ug/l	99
71) Bromoform	12.133	173	141673	53.058	ug/l #	99
73) Isopropylbenzene	12.255	105	1321351	55.625	ug/l	99
74) N-amyl acetate	12.072	43	308837	57.921	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	204060	53.300	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	299755	91.412	ug/l #	100
77) Bromobenzene	12.530	156	287274	53.353	ug/l	99
78) n-propylbenzene	12.597	91	1616734	56.371	ug/l	98
79) 2-Chlorotoluene	12.676	91	895405	55.258	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1071945	55.899	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	73314	56.484	ug/l	97
82) 4-Chlorotoluene	12.780	91	925486	54.375	ug/l	100
83) tert-Butylbenzene	12.999	119	955110	56.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1072543	55.864	ug/l	99
85) sec-Butylbenzene	13.176	105	1449215	56.954	ug/l	100
86) p-Isopropyltoluene	13.292	119	1197717	56.563	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	585352	54.130	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	576014	53.624	ug/l	99
89) n-Butylbenzene	13.615	91	1146686	57.570	ug/l	99
90) Hexachloroethane	13.877	117	228866	54.266	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	506458	53.145	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	33664	51.851	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	282495	52.504	ug/l	98
94) Hexachlorobutadiene	15.023	225	154702	50.846	ug/l	98
95) Naphthalene	15.139	128	508722	52.284	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	234121	50.355	ug/l	97

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QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

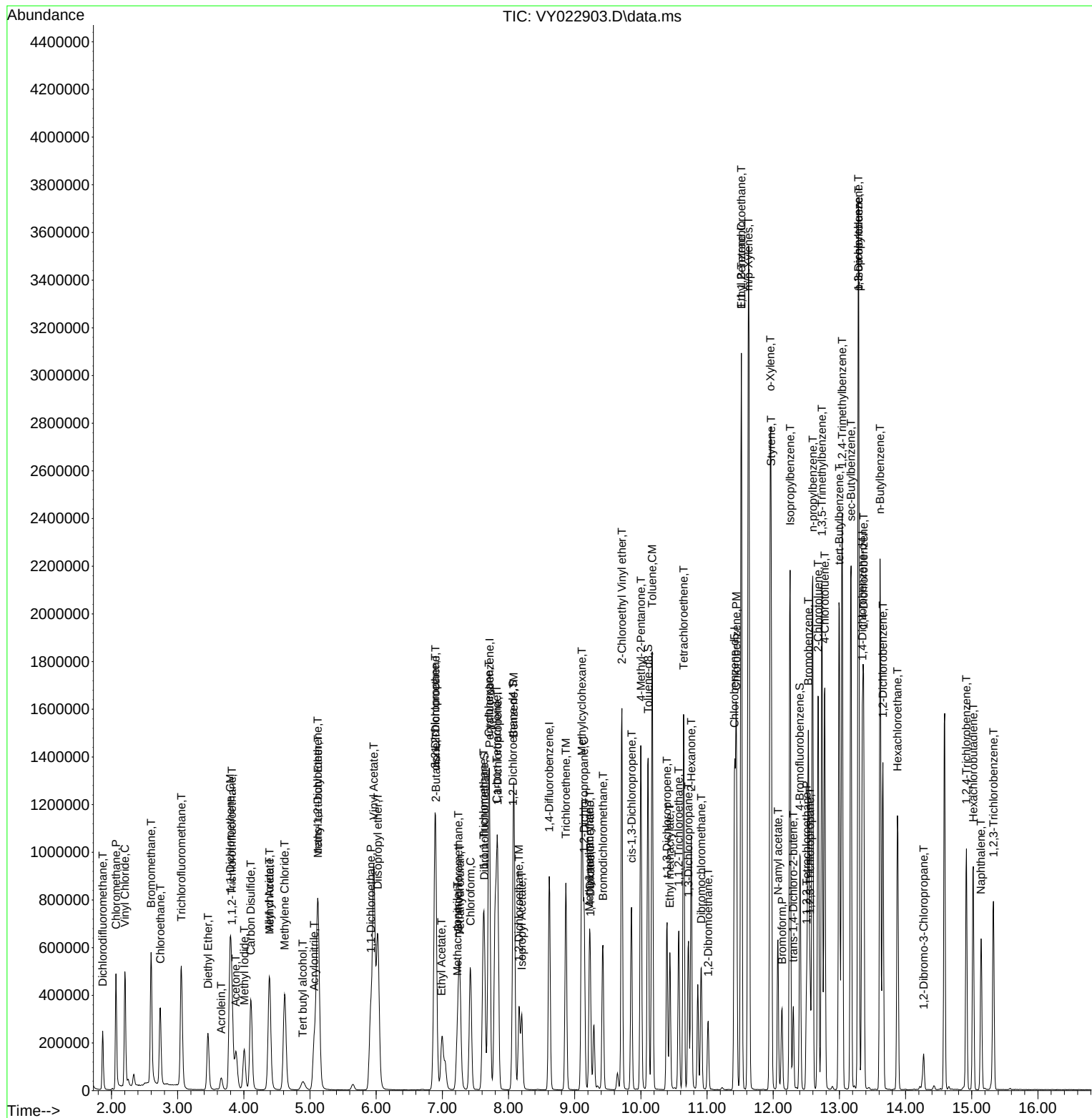
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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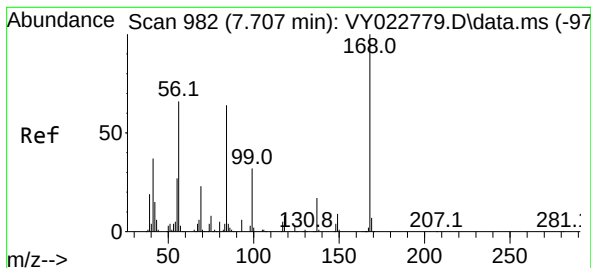
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022903.D

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Instrument :

MSVOA_Y

ClientSampleId :

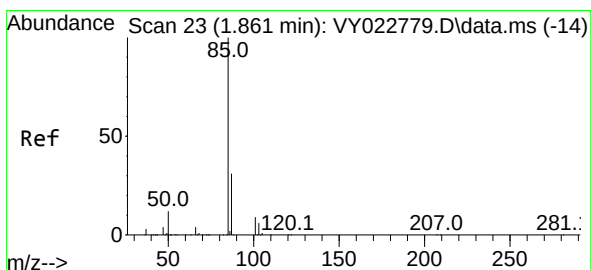
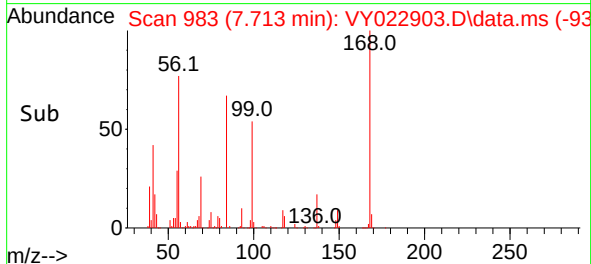
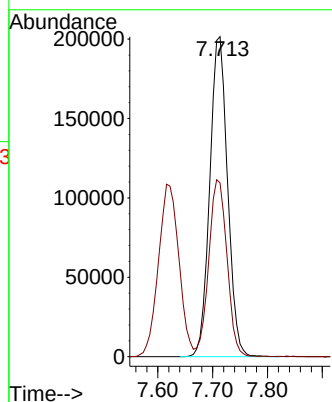
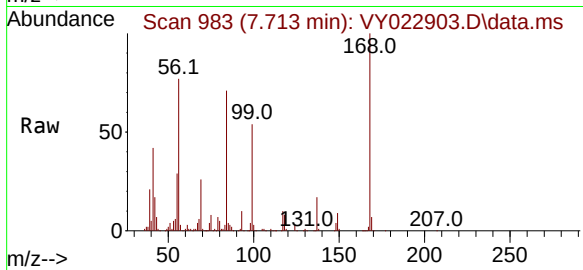
VSTDCCC050

Tgt Ion:168 Resp: 453239

Ion Ratio Lower Upper

168 100

99 54.2 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 48.074 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY022903.D

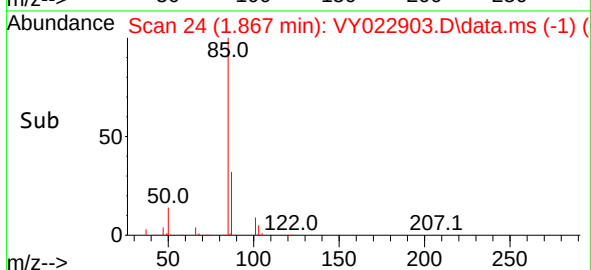
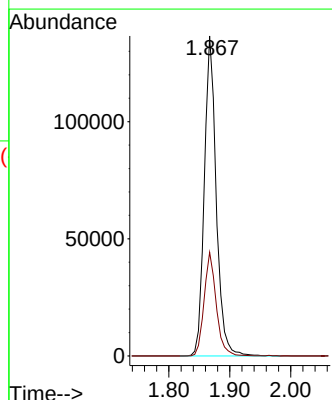
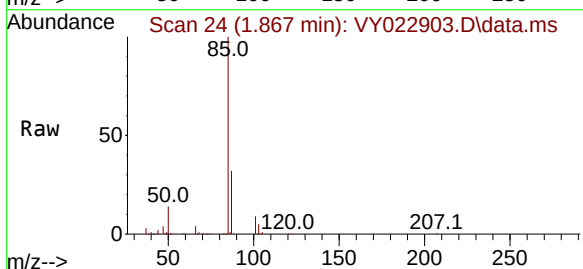
Acq: 02 Jul 2025 10:37

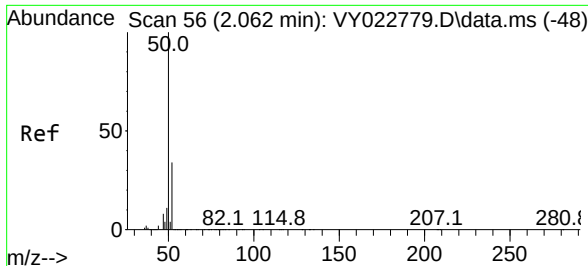
Tgt Ion: 85 Resp: 186320

Ion Ratio Lower Upper

85 100

87 32.4 16.7 50.0

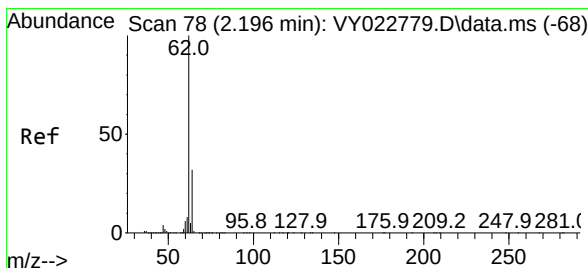
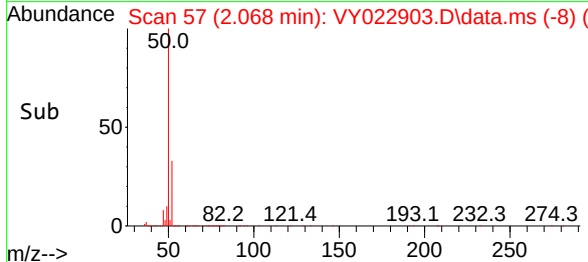
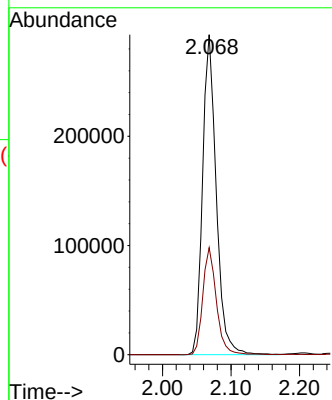
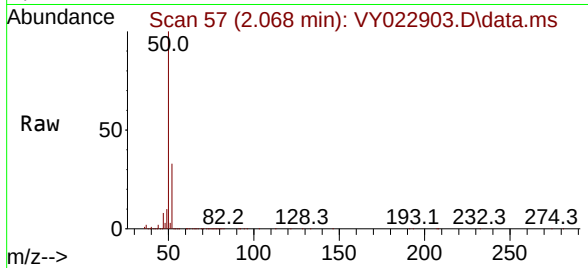




#3
Chloromethane
Concen: 54.938 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022903.D
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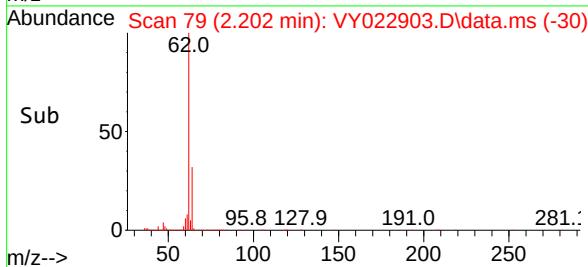
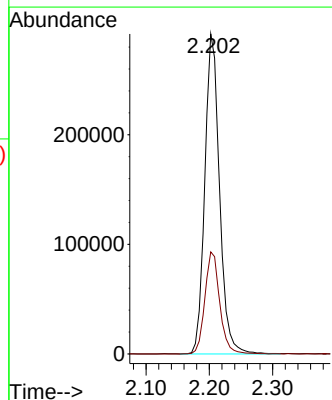
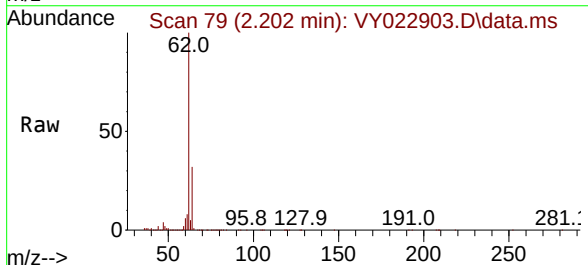
Instrument :
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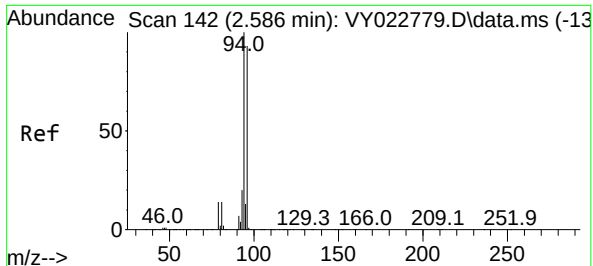
Tgt Ion: 50 Resp: 406579
Ion Ratio Lower Upper
50 100
52 33.5 26.0 39.0



#4
Vinyl Chloride
Concen: 51.162 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 62 Resp: 473041
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9

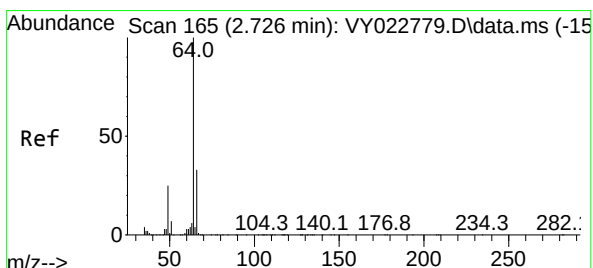
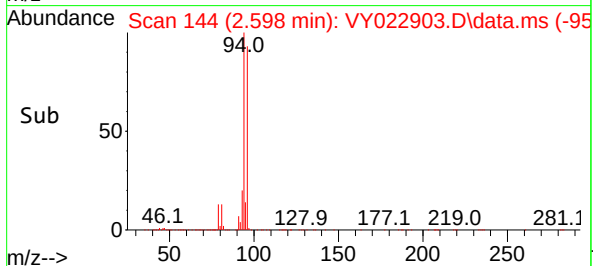
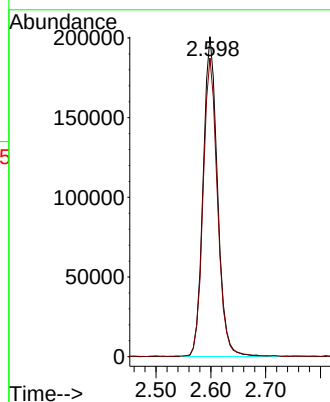
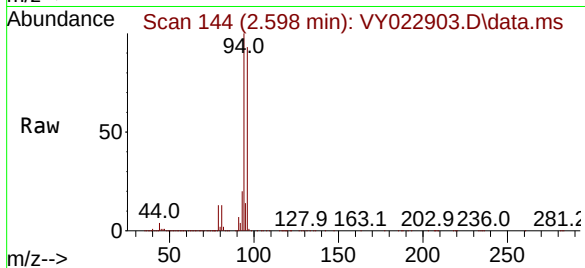




#5
Bromomethane
Concen: 50.387 ug/l
RT: 2.598 min Scan# 142
Delta R.T. -0.000 min
Lab File: VY022903.D
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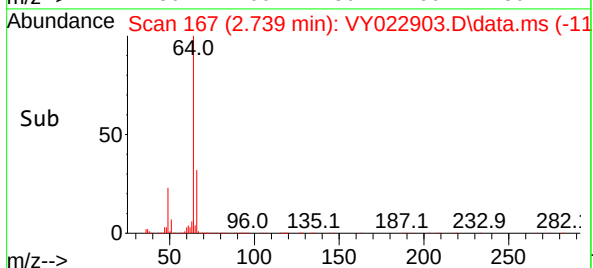
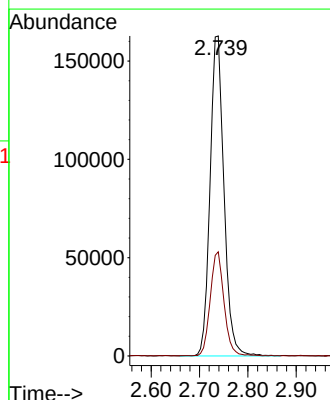
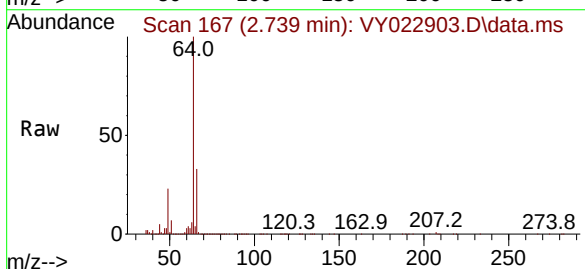
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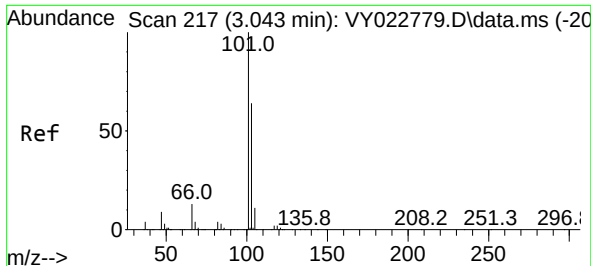
Tgt Ion: 94 Resp: 366252
Ion Ratio Lower Upper
94 100
96 93.2 74.0 111.0



#6
Chloroethane
Concen: 52.370 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022903.D
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Tgt Ion: 64 Resp: 325483
Ion Ratio Lower Upper
64 100
66 32.5 23.8 35.6

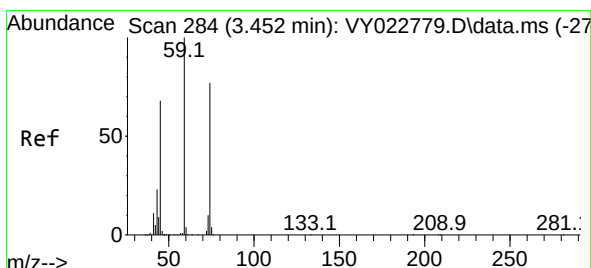
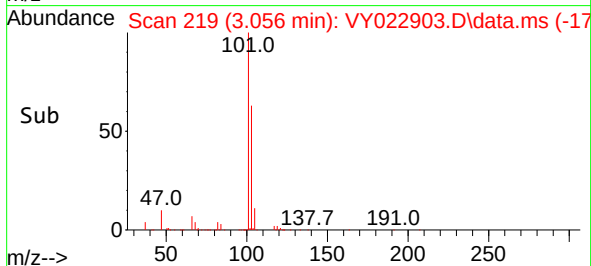
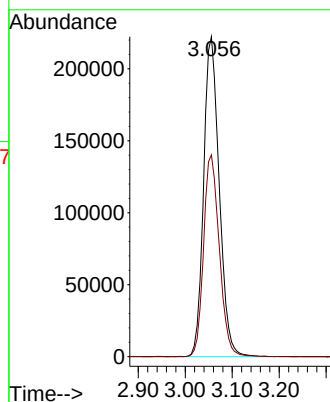
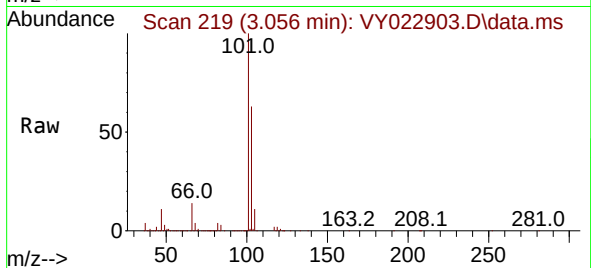




#7
 Trichlorofluoromethane
 Concen: 50.063 ug/l
 RT: 3.056 min Scan# 217
 Delta R.T. -0.000 min
 Lab File: VY022903.D
 Acq: 02 Jul 2025 10:37

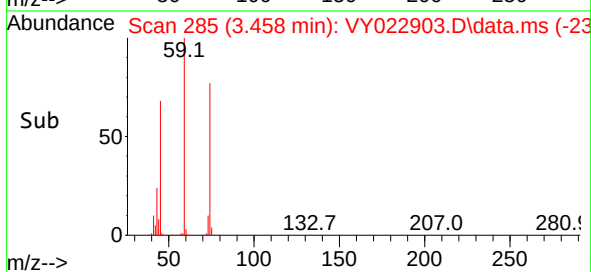
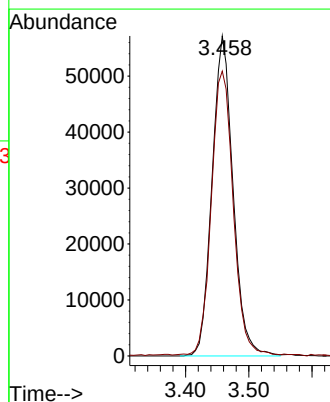
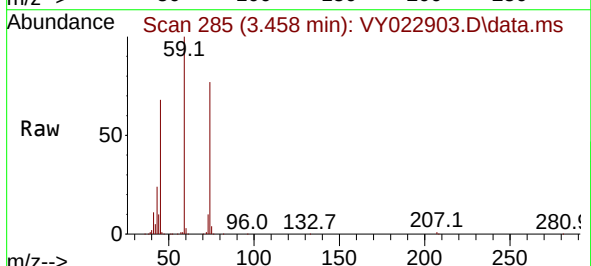
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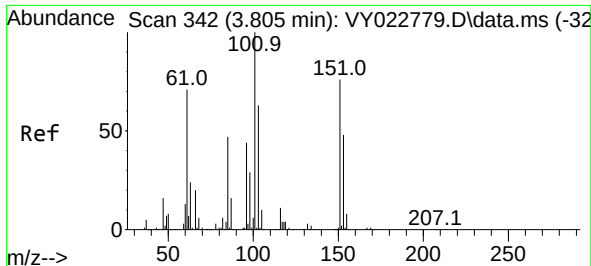
Tgt Ion:101 Resp: 512534
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.2 78.2



#8
 Diethyl Ether
 Concen: 52.045 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 131602
 Ion Ratio Lower Upper
 74 100
 45 92.1 45.9 137.6

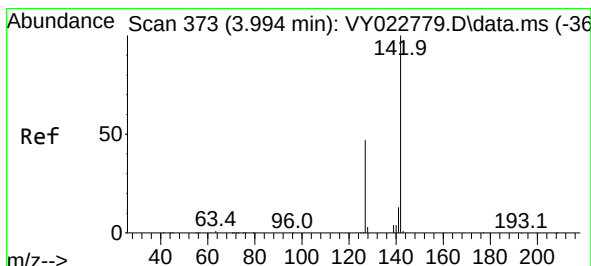
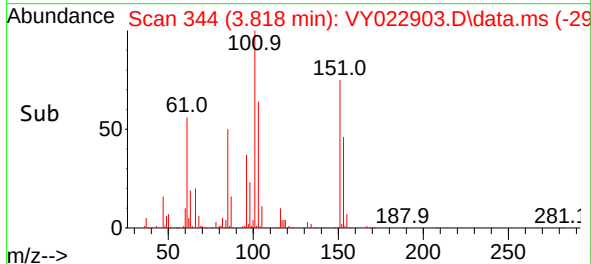
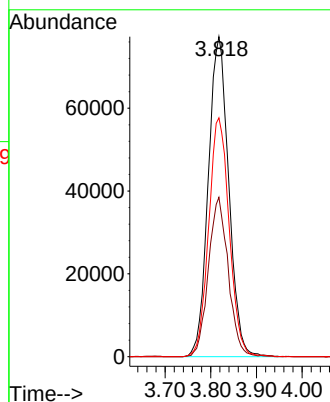
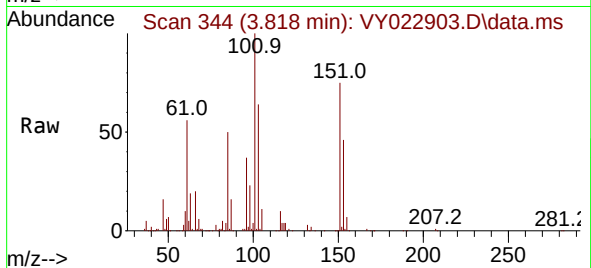




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.252 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

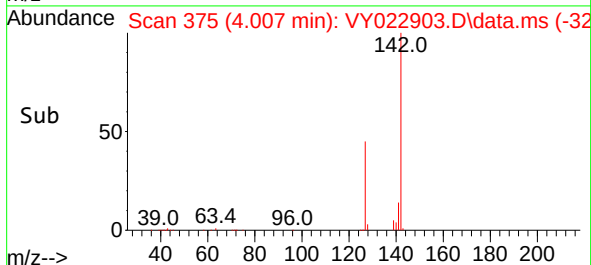
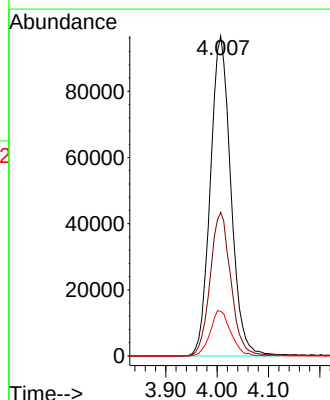
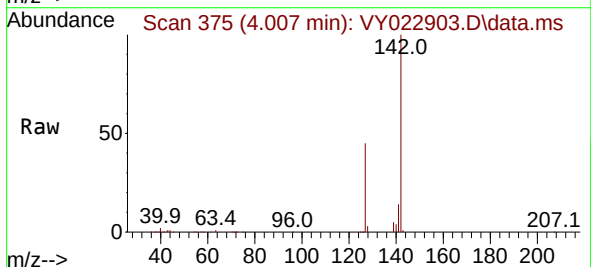
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

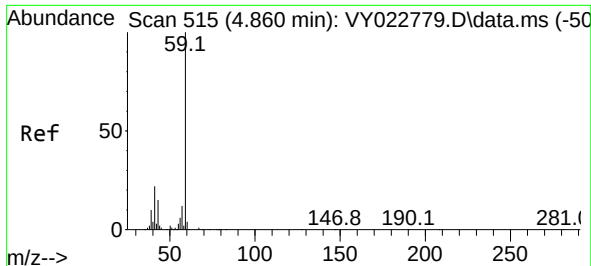
Tgt Ion:101 Resp: 239790
Ion Ratio Lower Upper
101 100
85 48.5 39.3 58.9
151 75.2 57.8 86.8



#10
Methyl Iodide
Concen: 52.645 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion:142 Resp: 268171
Ion Ratio Lower Upper
142 100
127 45.5 37.1 55.7
141 14.2 11.4 17.2

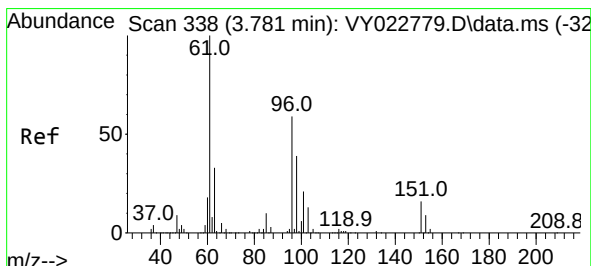
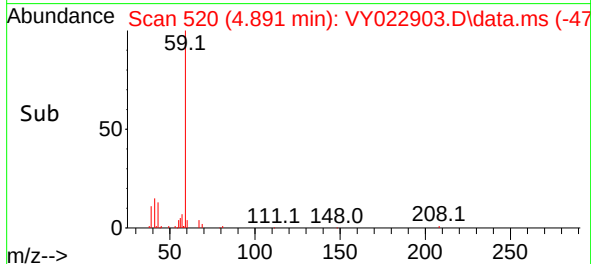
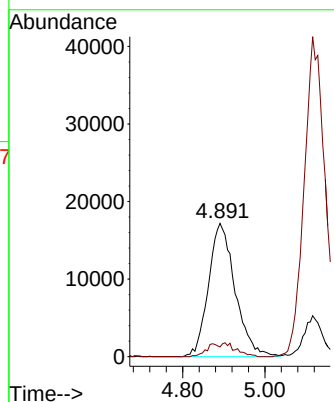
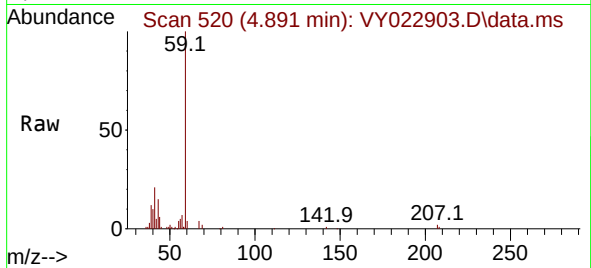




#11
Tert butyl alcohol
Concen: 229.738 ug/l
RT: 4.891 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

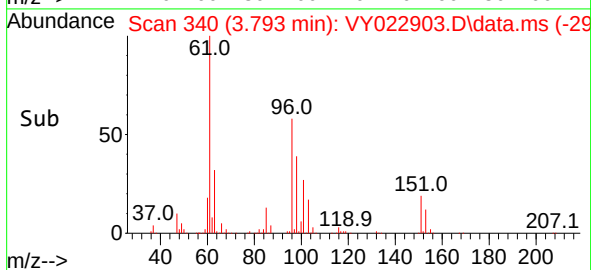
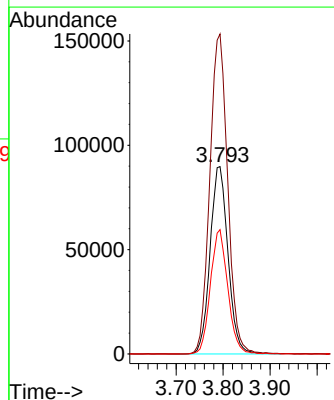
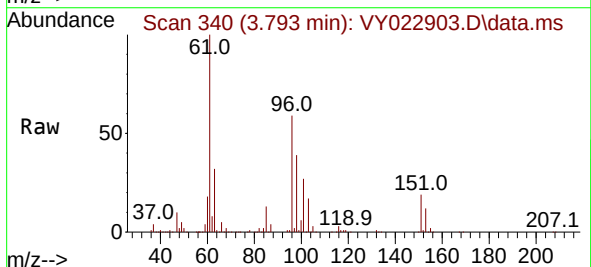
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

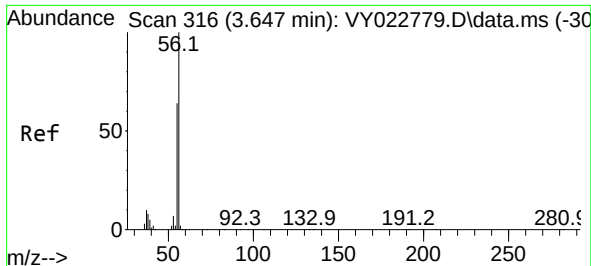
Tgt Ion: 59 Resp: 77275
Ion Ratio Lower Upper
59 100
57 5.6 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 51.733 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 96 Resp: 237332
Ion Ratio Lower Upper
96 100
61 170.8 134.6 201.8
98 66.4 50.2 75.4

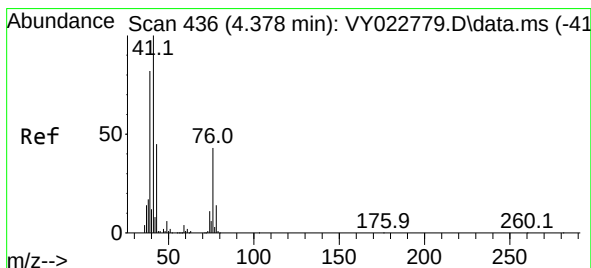
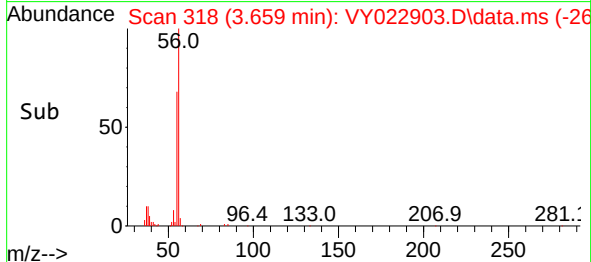
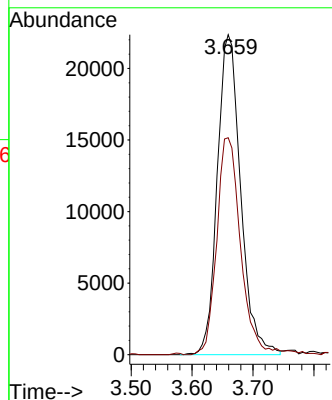
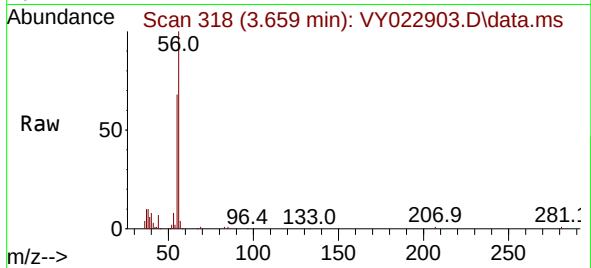




#13
Acrolein
Concen: 130.259 ug/l
RT: 3.659 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

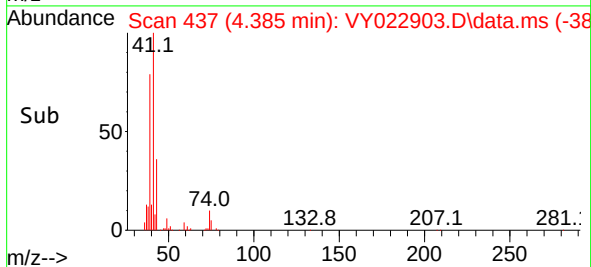
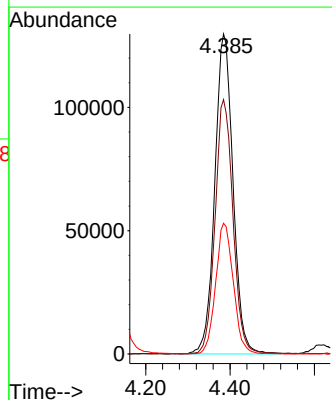
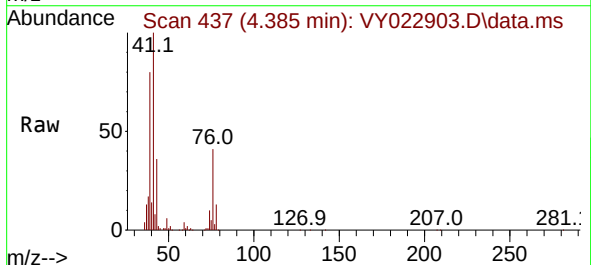
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

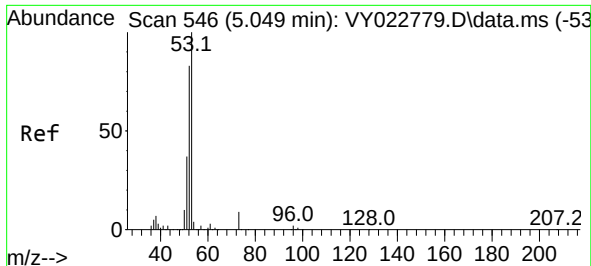
Tgt Ion: 56 Resp: 59412
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.6



#14
Allyl chloride
Concen: 55.134 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 41 Resp: 389043
Ion Ratio Lower Upper
41 100
39 78.2 69.1 103.7
76 39.7 33.5 50.3

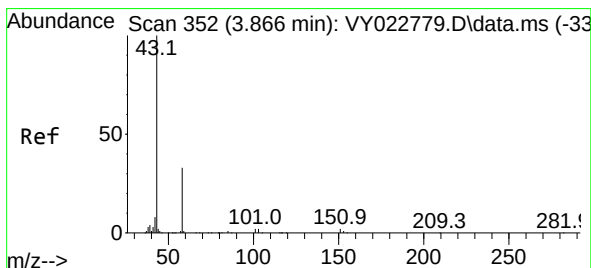
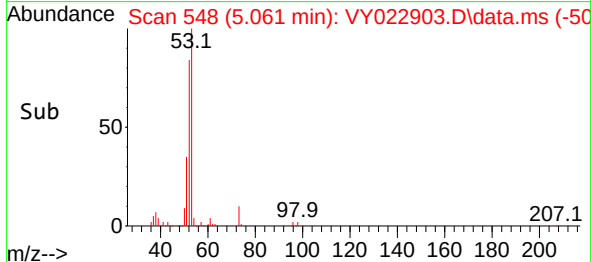
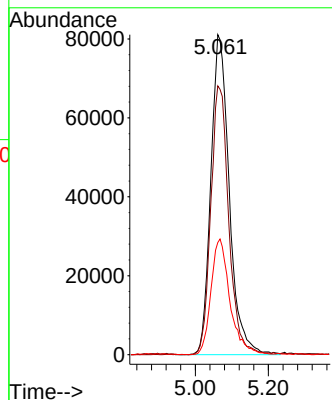
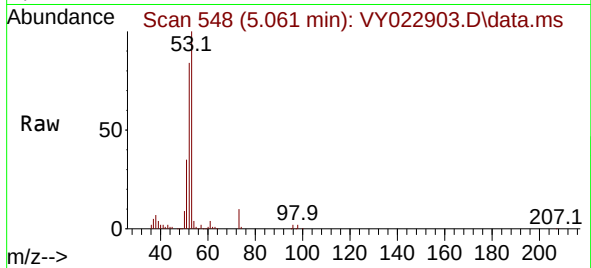




#15
Acrylonitrile
Concen: 268.343 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

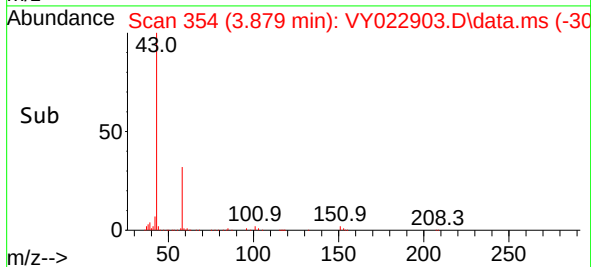
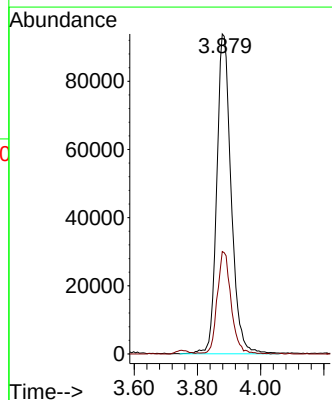
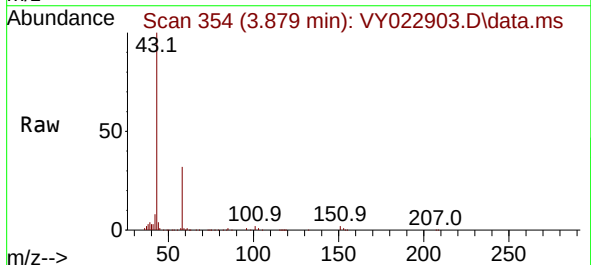
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

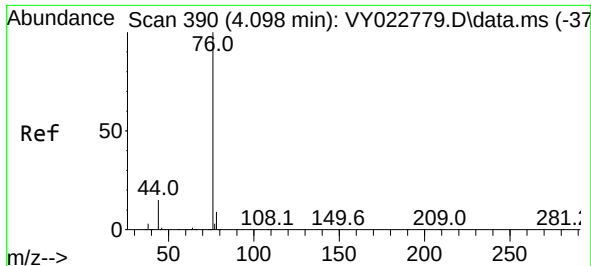
Tgt Ion: 53 Resp: 283103
Ion Ratio Lower Upper
53 100
52 81.8 65.7 98.5
51 37.4 30.1 45.1



#16
Acetone
Concen: 308.962 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 43 Resp: 295403
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0

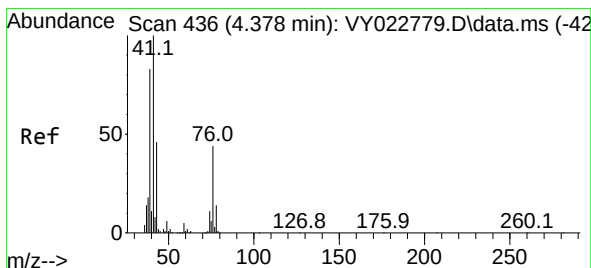
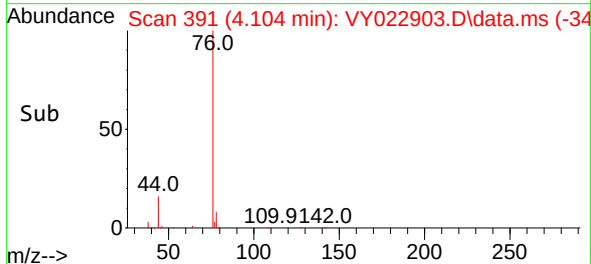
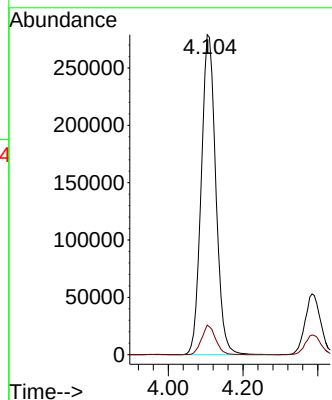
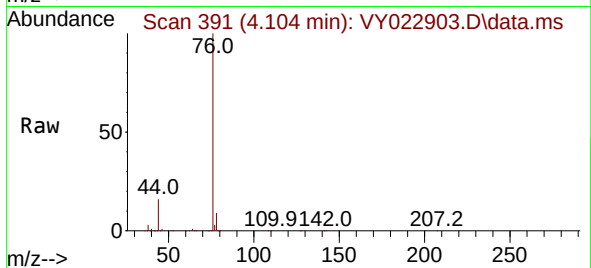




#17
Carbon Disulfide
Concen: 50.951 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

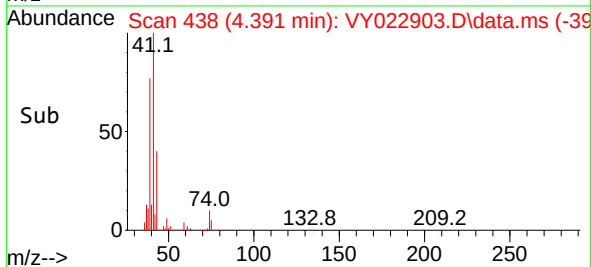
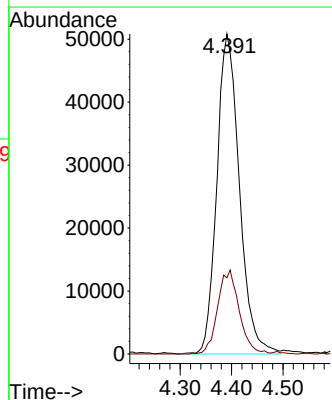
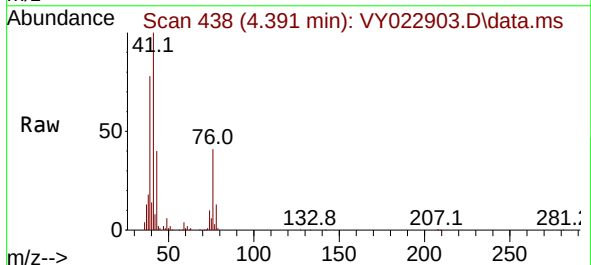
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

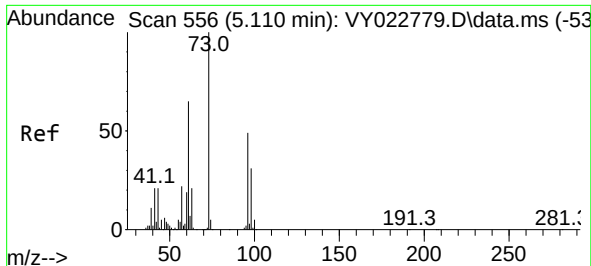
Tgt Ion: 76 Resp: 755112
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 48.941 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 43 Resp: 154964
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 52.936 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

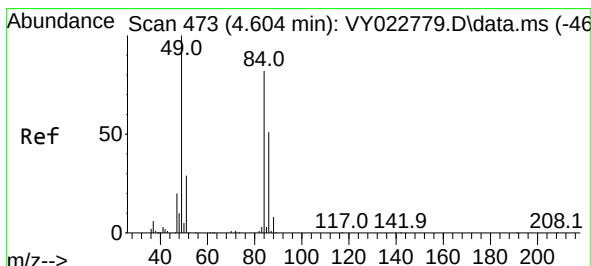
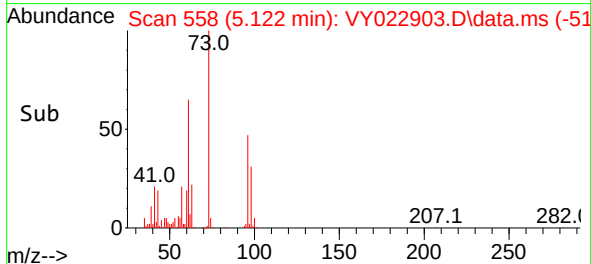
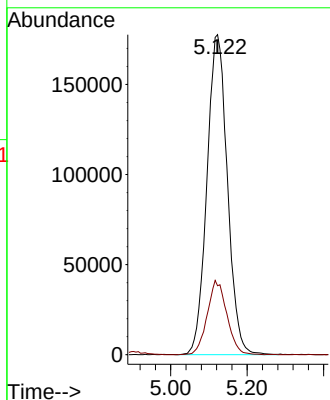
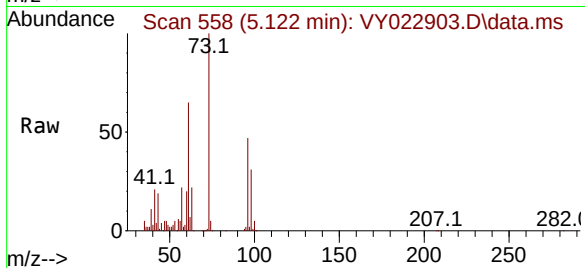
VSTDCCC050

Tgt Ion: 73 Resp: 661264

Ion Ratio Lower Upper

73 100

57 21.6 17.4 26.0



#20

Methylene Chloride

Concen: 49.080 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Tgt Ion: 84 Resp: 296352

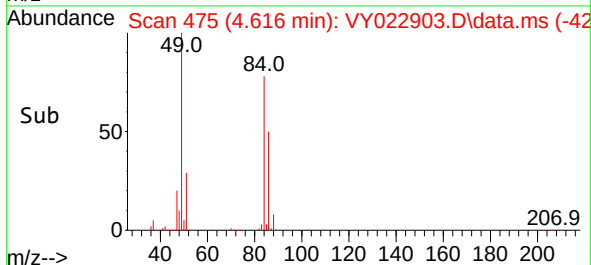
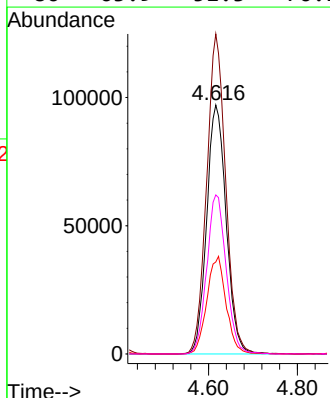
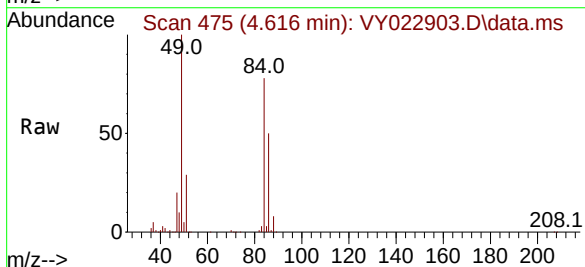
Ion Ratio Lower Upper

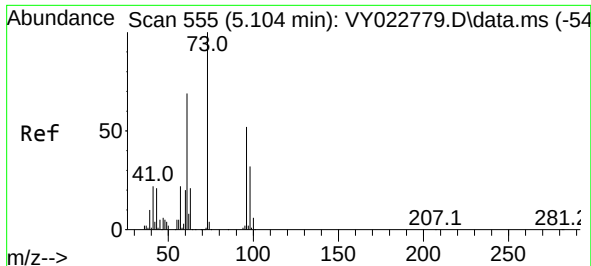
84 100

49 128.6 101.9 152.9

51 36.9 29.8 44.8

86 63.9 51.3 76.9

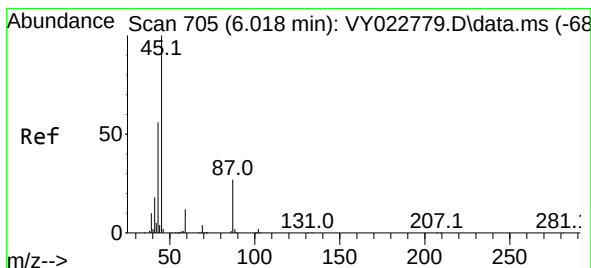
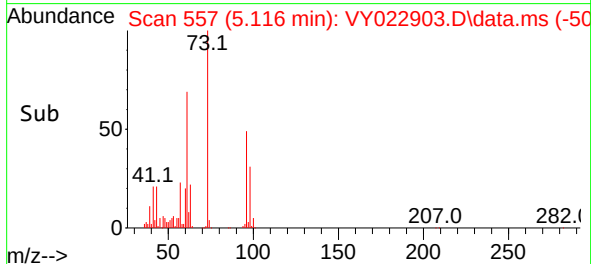
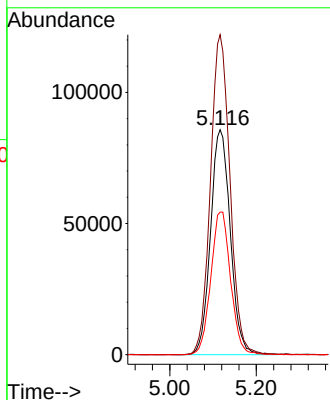
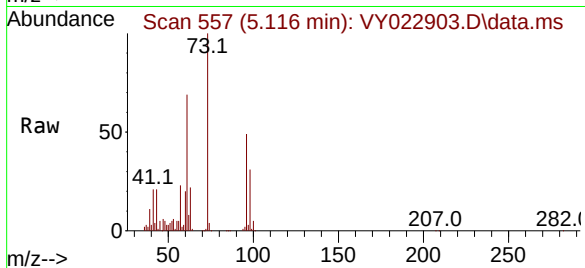




#21
trans-1,2-Dichloroethene
Concen: 51.911 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

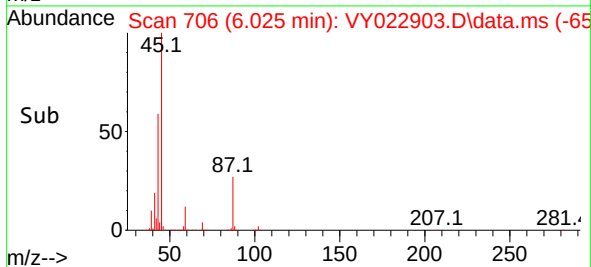
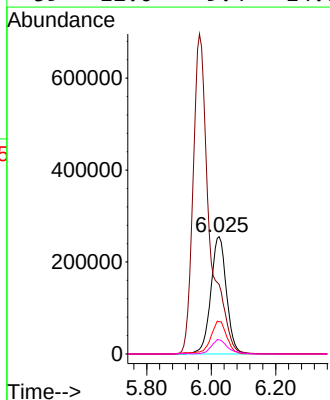
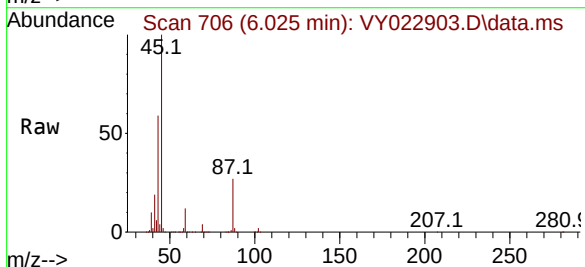
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

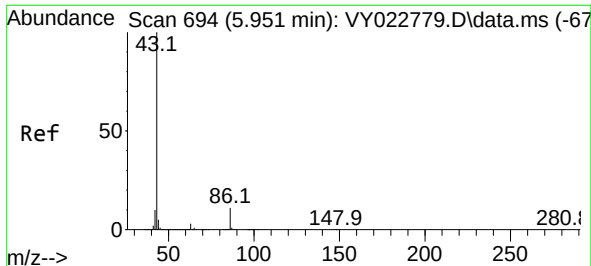
Tgt Ion: 96 Resp: 272178
Ion Ratio Lower Upper
96 100
61 142.2 112.6 169.0
98 63.4 50.6 75.8



#22
Diisopropyl ether
Concen: 54.863 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 45 Resp: 859742
Ion Ratio Lower Upper
45 100
43 59.0 48.3 72.5
87 27.4 23.0 34.6
59 12.0 9.4 14.0

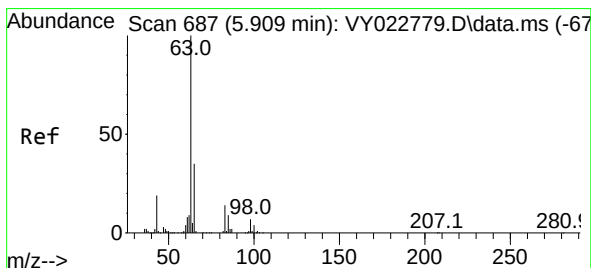
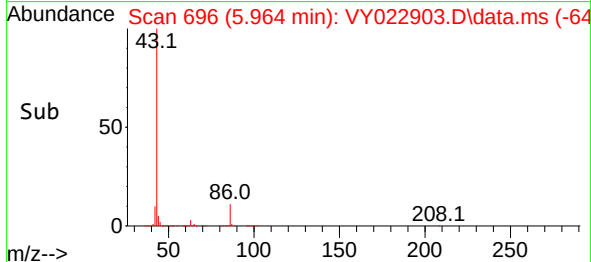
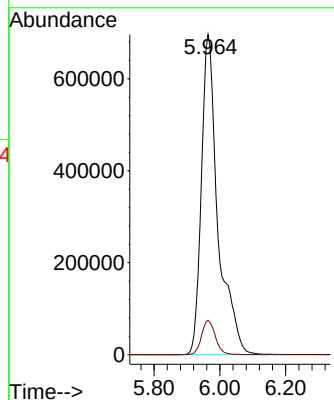
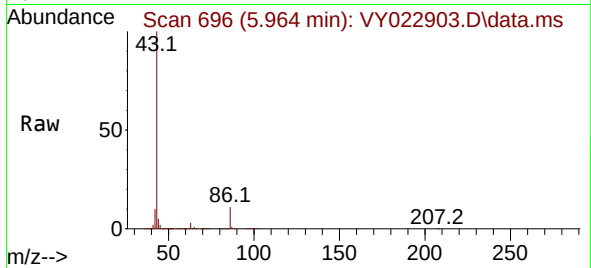




#23
 Vinyl Acetate
 Concen: 281.530 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY022903.D
 Acq: 02 Jul 2025 10:37

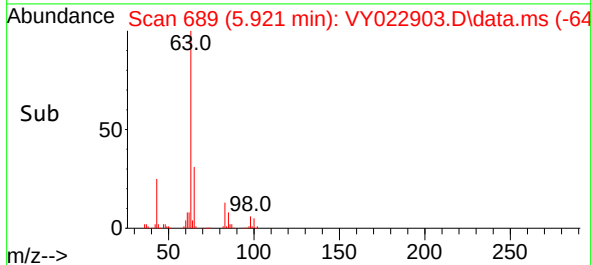
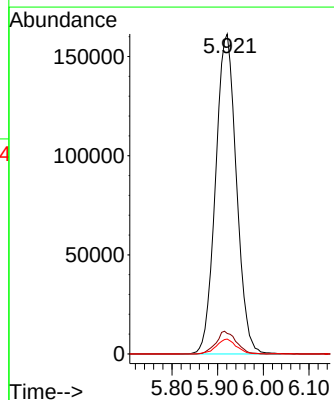
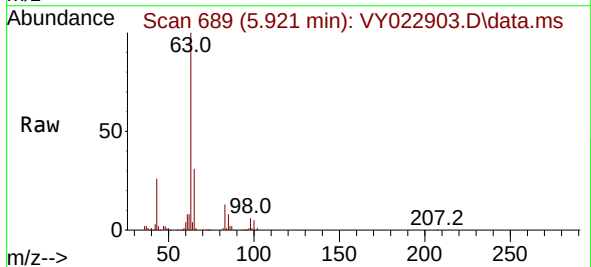
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

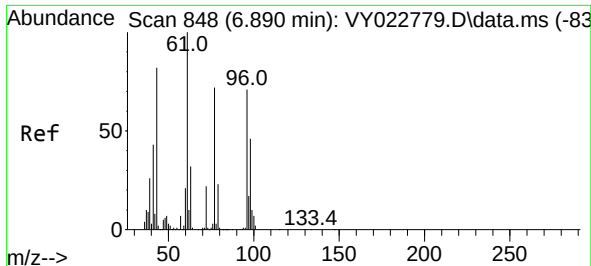
Tgt Ion: 43 Resp: 2436577
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 53.984 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022903.D
 Acq: 02 Jul 2025 10:37

Tgt Ion: 63 Resp: 510988
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.7 2.1 6.3

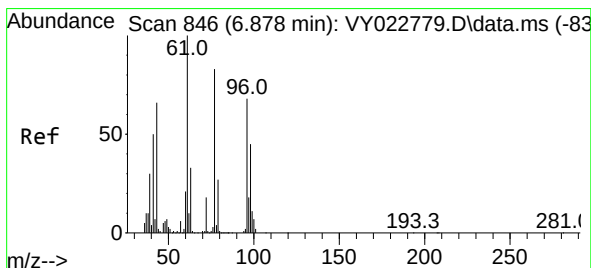
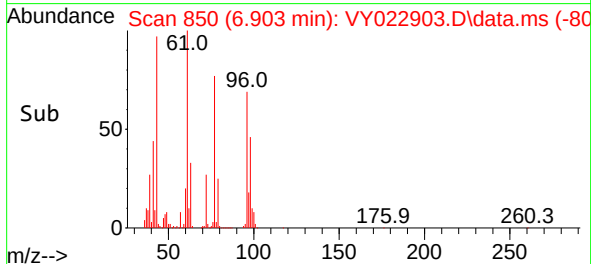
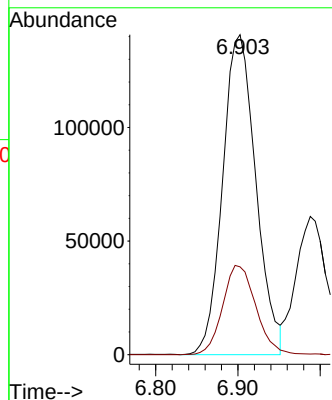
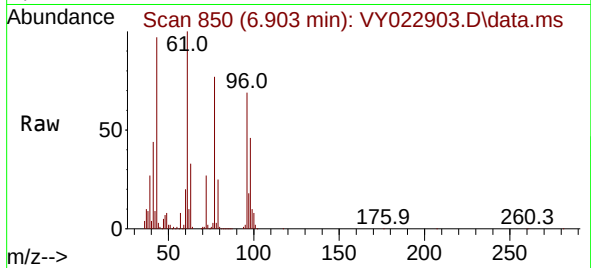




#25
2-Butanone
Concen: 284.947 ug/l
RT: 6.903 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

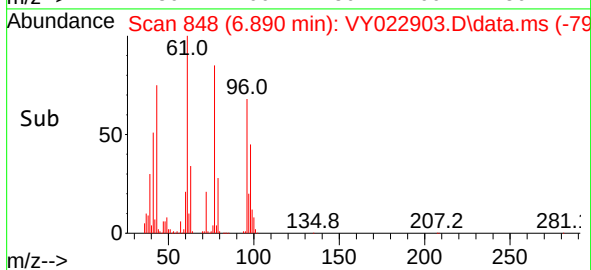
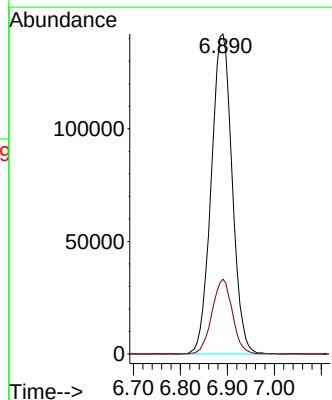
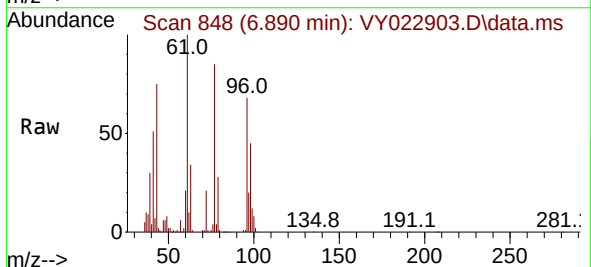
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

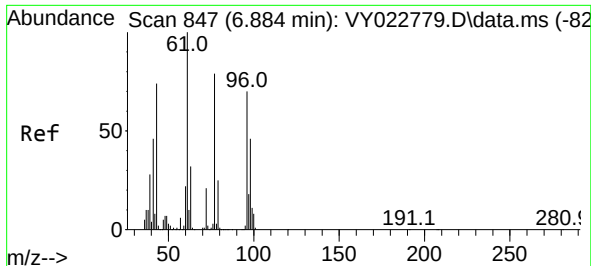
Tgt Ion: 43 Resp: 396519
Ion Ratio Lower Upper
43 100
72 27.5 22.9 34.3



#26
2,2-Dichloropropane
Concen: 55.306 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 77 Resp: 438828
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2

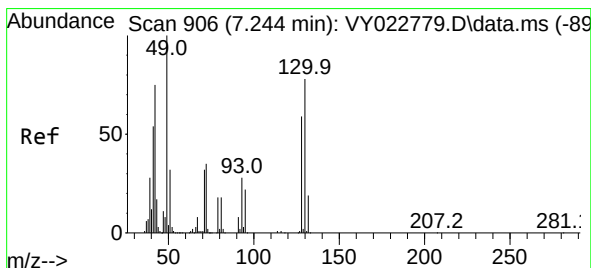
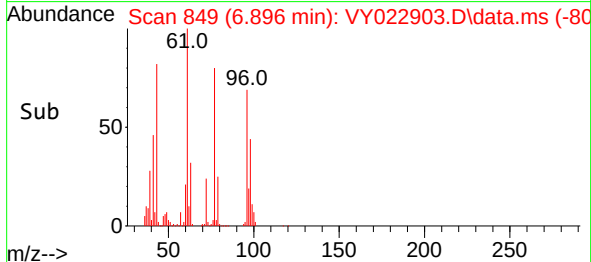
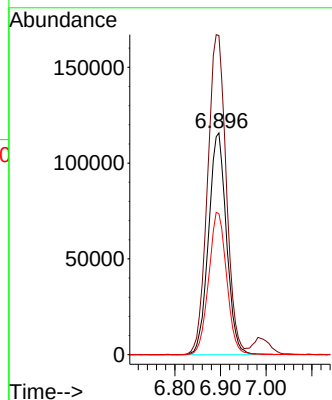
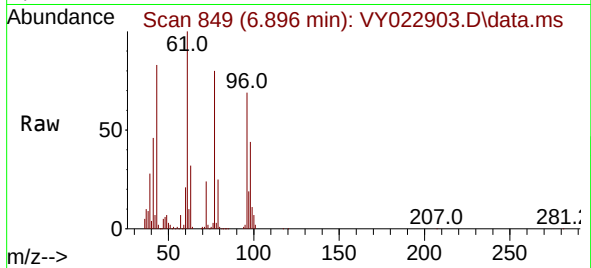




#27
 cis-1,2-Dichloroethene
 Concen: 51.765 ug/l
 RT: 6.896 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY022903.D
 Acq: 02 Jul 2025 10:37

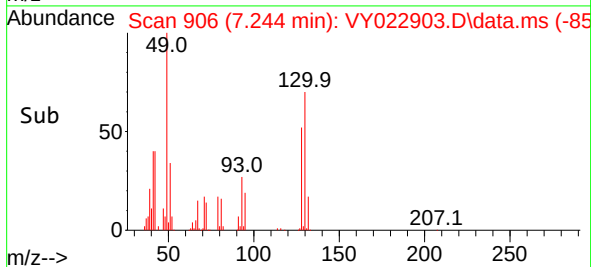
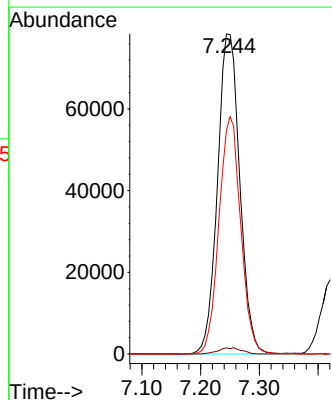
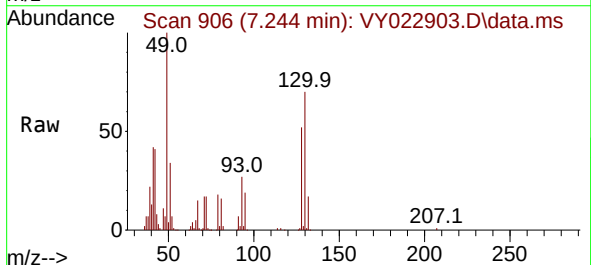
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

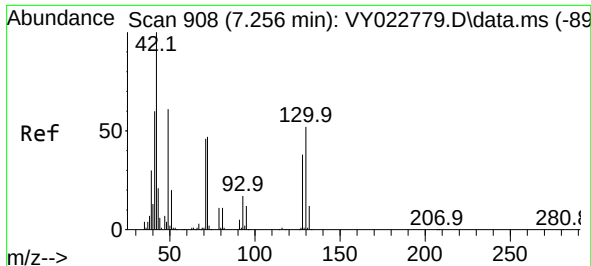
Tgt Ion: 96 Resp: 315381
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 290.0
 98 64.4 0.0 128.4



#28
 Bromochloromethane
 Concen: 51.825 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022903.D
 Acq: 02 Jul 2025 10:37

Tgt Ion: 49 Resp: 206234
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 72.4 55.7 83.5





#29

Tetrahydrofuran

Concen: 270.605 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

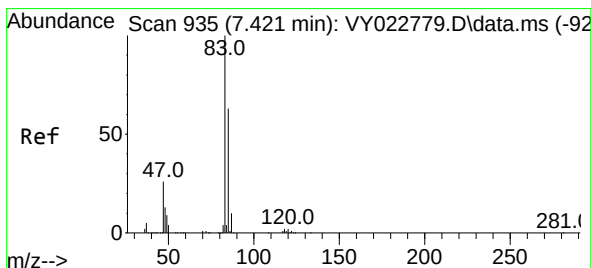
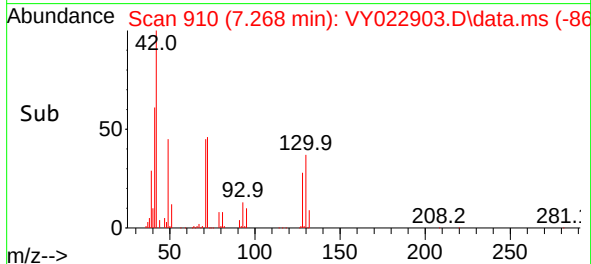
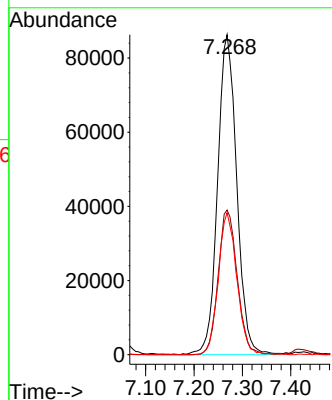
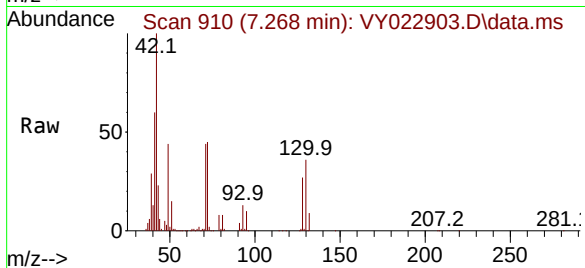
Tgt Ion: 42 Resp: 237778

Ion Ratio Lower Upper

42 100

72 44.9 37.4 56.2

71 43.0 34.2 51.2



#30

Chloroform

Concen: 52.131 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022903.D

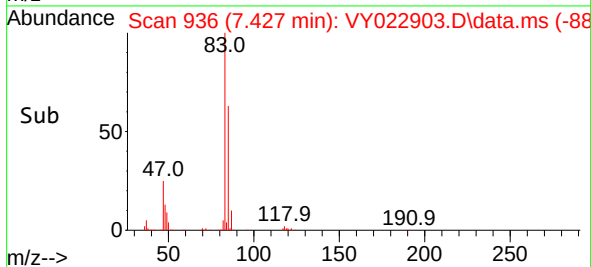
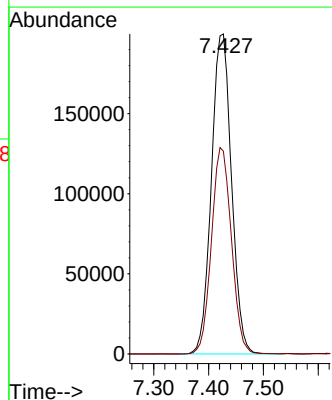
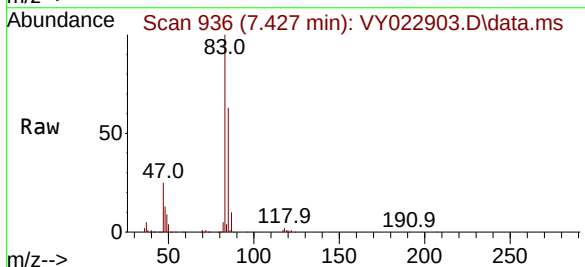
Acq: 02 Jul 2025 10:37

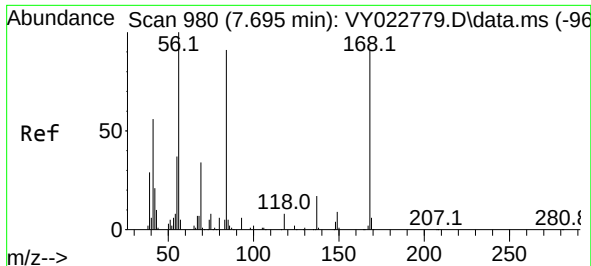
Tgt Ion: 83 Resp: 508238

Ion Ratio Lower Upper

83 100

85 63.3 54.2 81.4

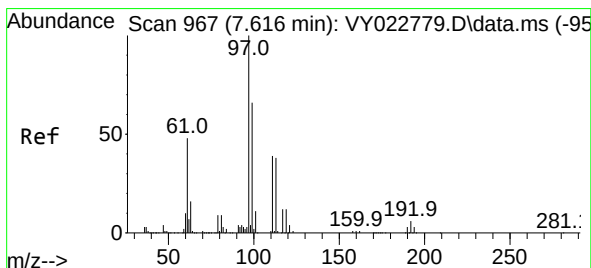
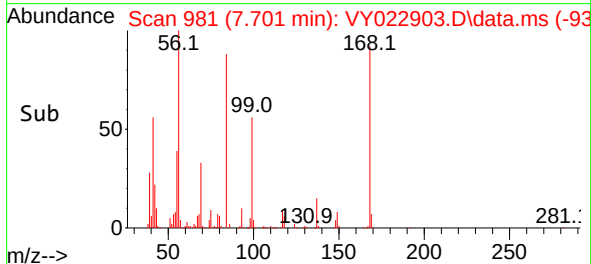
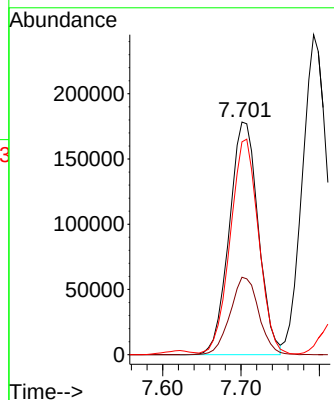
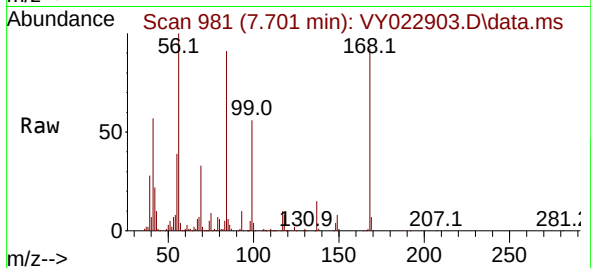




#31
Cyclohexane
Concen: 52.845 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

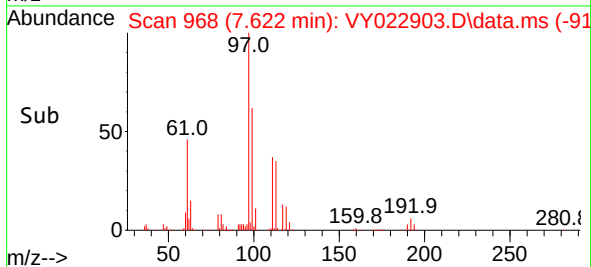
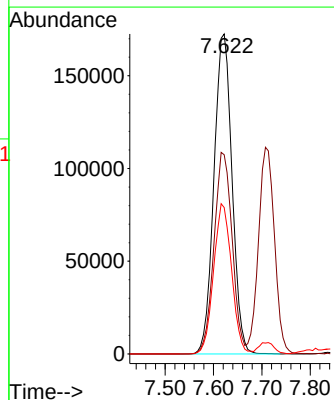
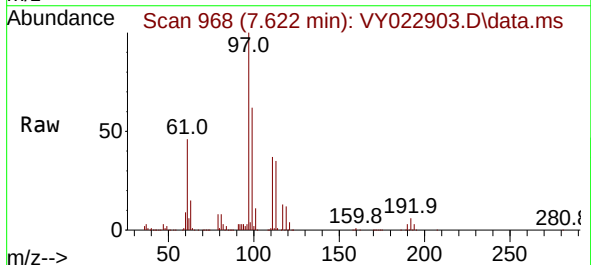
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

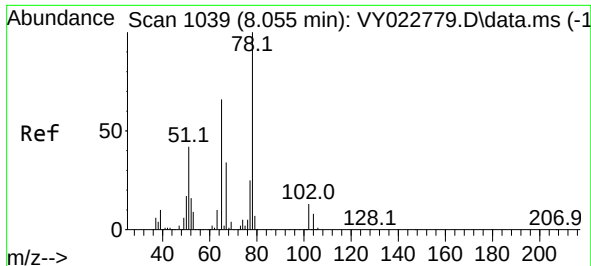
Tgt Ion: 56 Resp: 459160
Ion Ratio Lower Upper
56 100
69 33.3 27.0 40.6
84 89.7 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 53.205 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 97 Resp: 448242
Ion Ratio Lower Upper
97 100
99 63.1 50.9 76.3
61 46.8 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 49.289 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

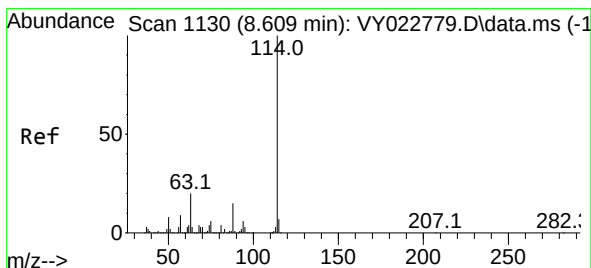
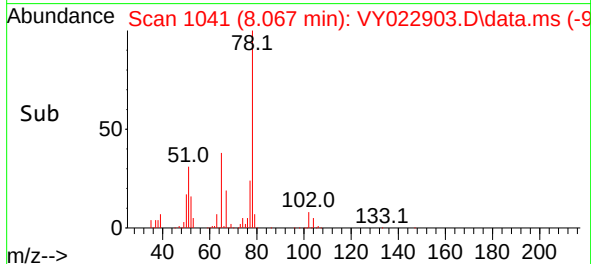
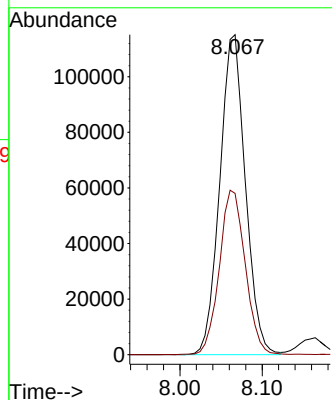
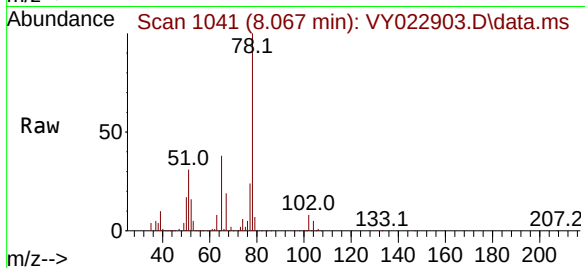
VSTDCCC050

Tgt Ion: 65 Resp: 249332

Ion Ratio Lower Upper

65 100

67 52.1 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: VY022903.D

Acq: 02 Jul 2025 10:37

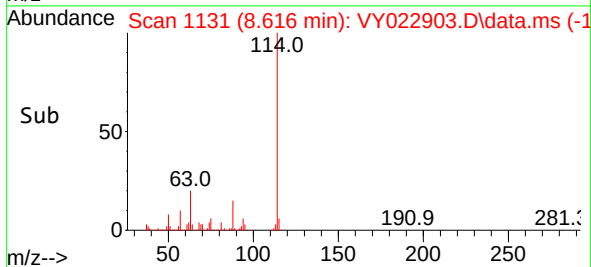
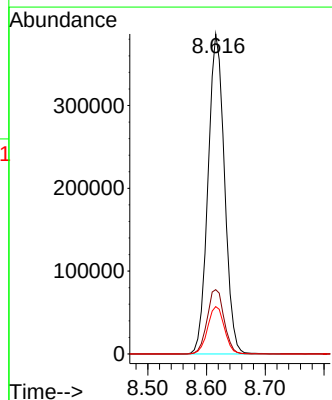
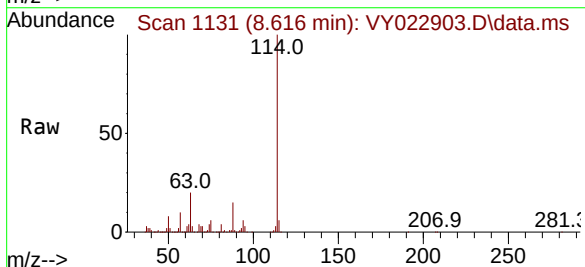
Tgt Ion: 114 Resp: 750175

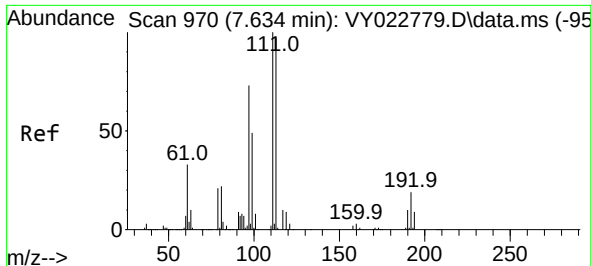
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 14.8 0.0 27.8

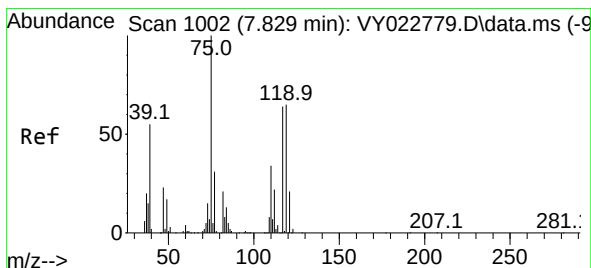
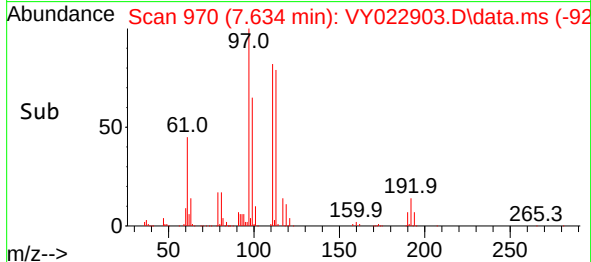
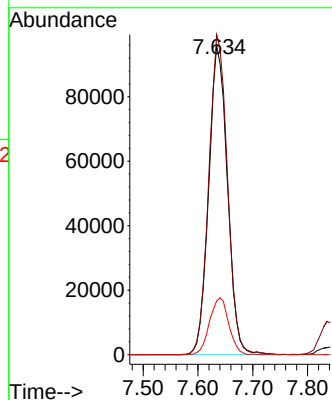
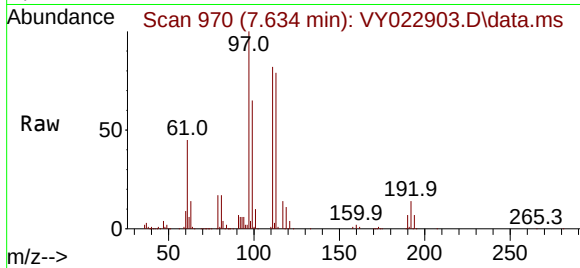




#35
Dibromofluoromethane
Concen: 49.768 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

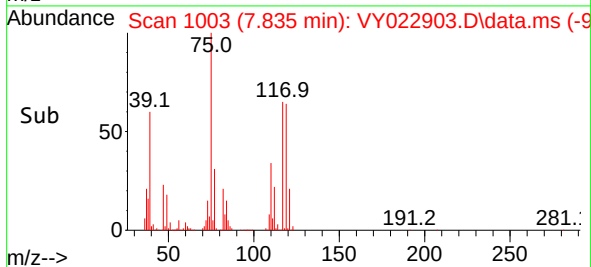
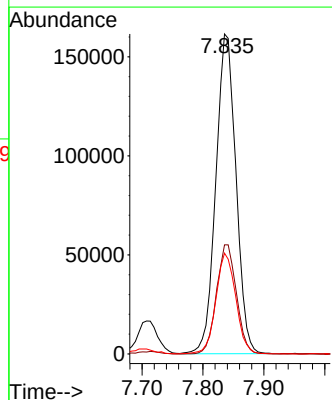
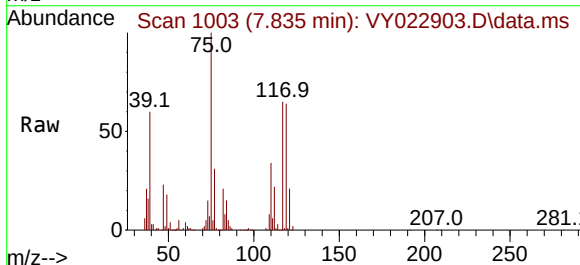
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

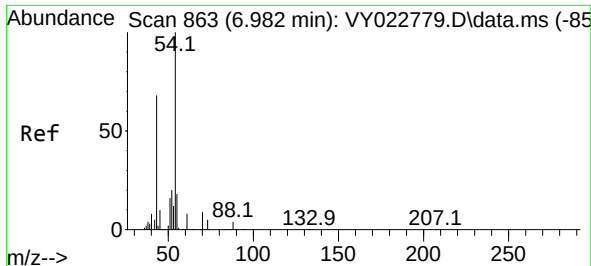
Tgt Ion:113 Resp: 227050
Ion Ratio Lower Upper
113 100
111 103.5 81.1 121.7
192 18.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 53.752 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 75 Resp: 371706
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 55.392 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

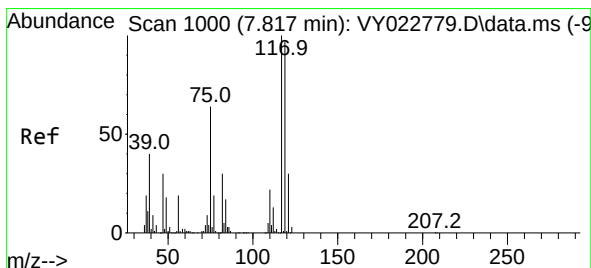
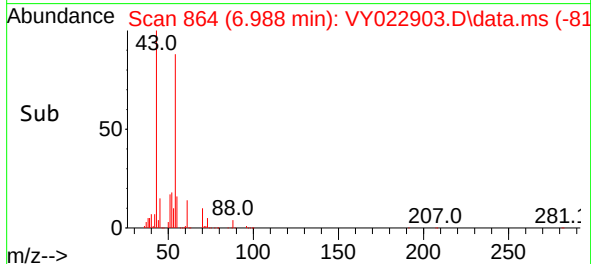
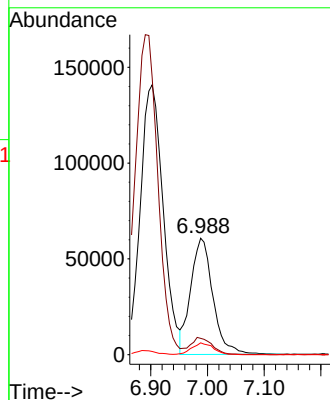
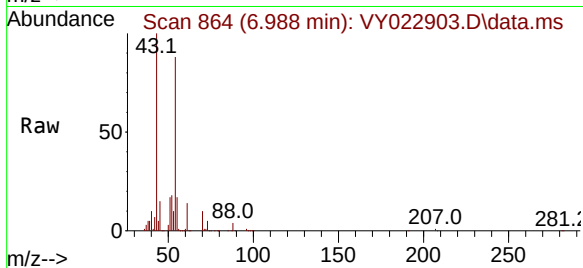
Tgt Ion: 43 Resp: 165291

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

70 9.8 7.2 10.8



#38

Carbon Tetrachloride

Concen: 53.273 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

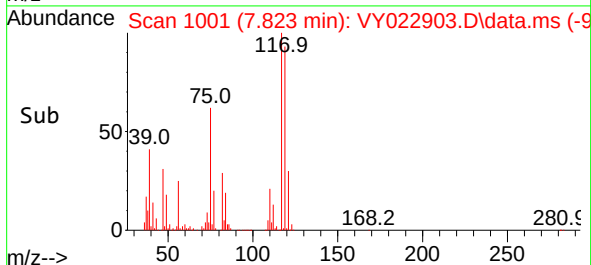
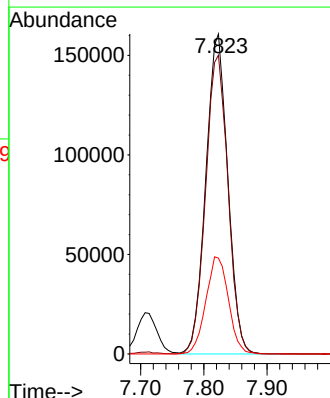
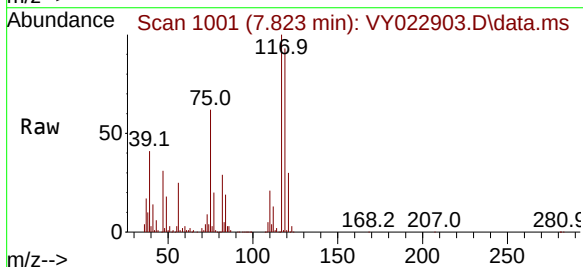
Tgt Ion: 117 Resp: 388703

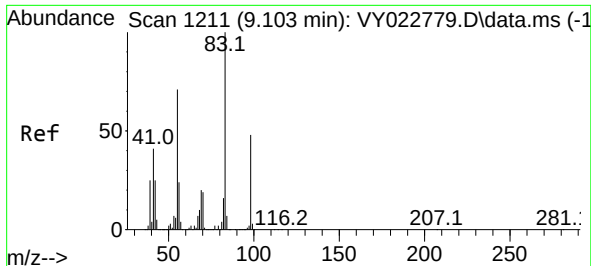
Ion Ratio Lower Upper

117 100

119 93.4 75.0 112.6

121 30.0 25.0 37.4





#39

Methylcyclohexane

Concen: 54.971 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

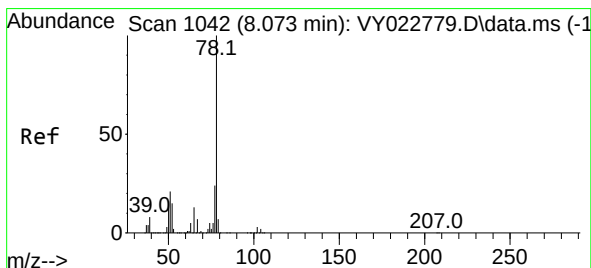
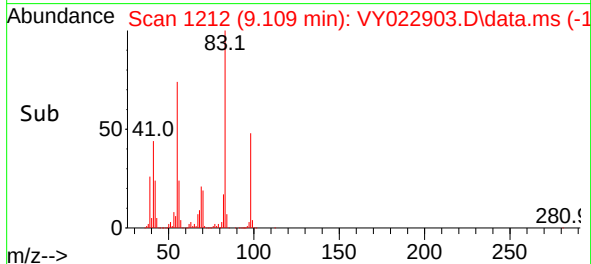
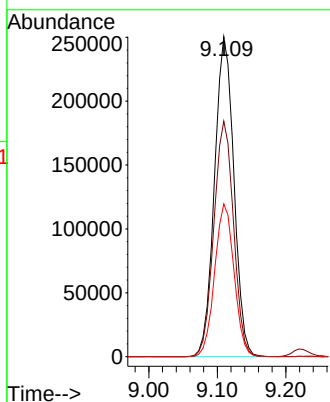
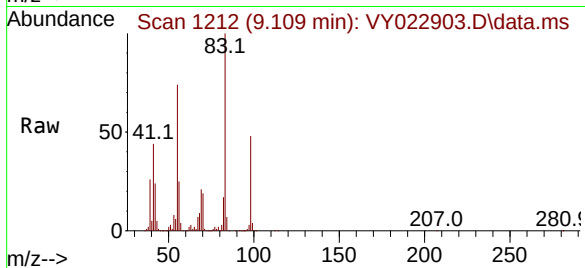
Tgt Ion: 83 Resp: 491933

Ion Ratio Lower Upper

83 100

55 73.6 58.1 87.1

98 47.8 39.0 58.6



#40

Benzene

Concen: 53.674 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022903.D

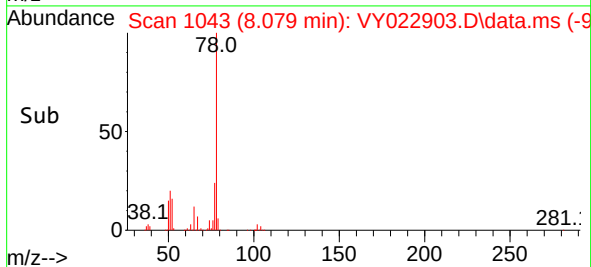
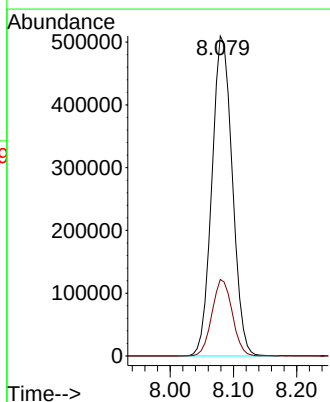
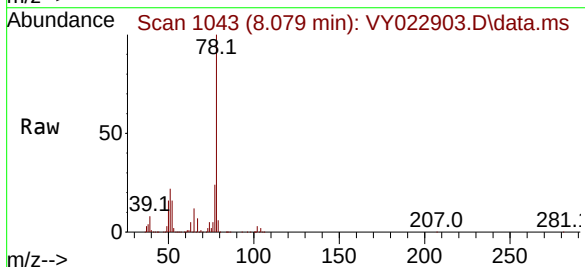
Acq: 02 Jul 2025 10:37

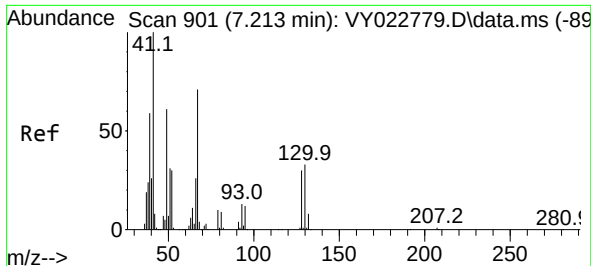
Tgt Ion: 78 Resp: 1141160

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

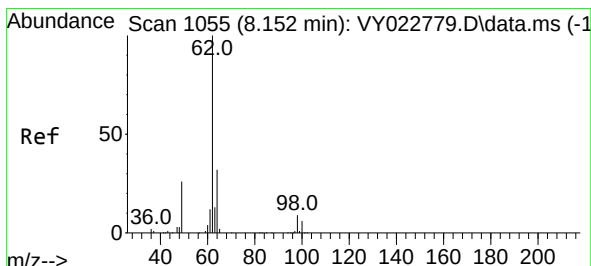
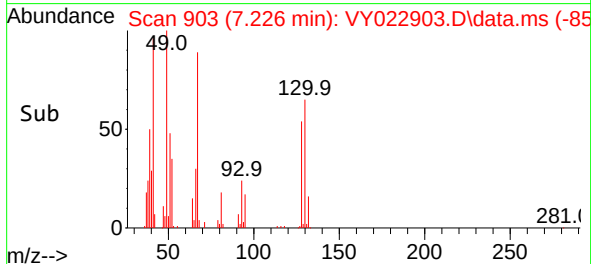
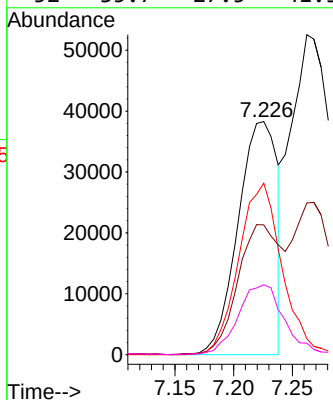
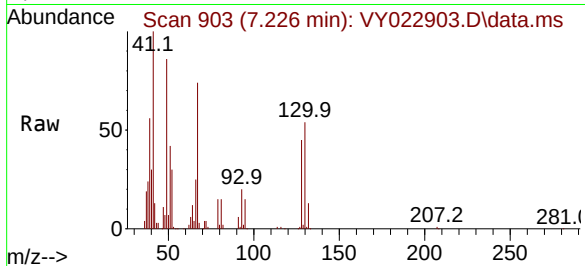




#41
Methacrylonitrile
Concen: 48.479 ug/l
RT: 7.226 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

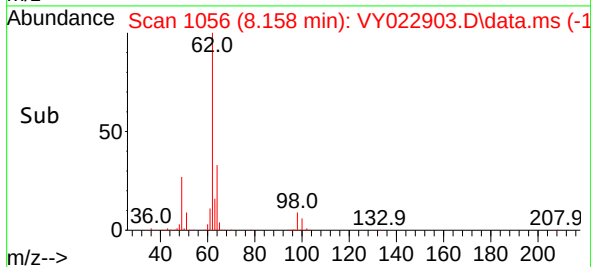
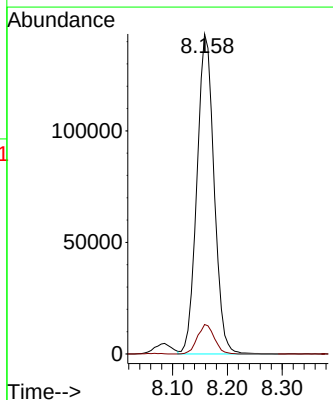
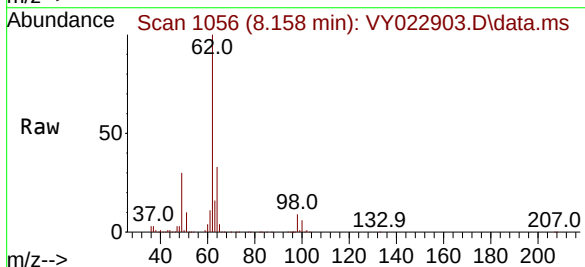
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

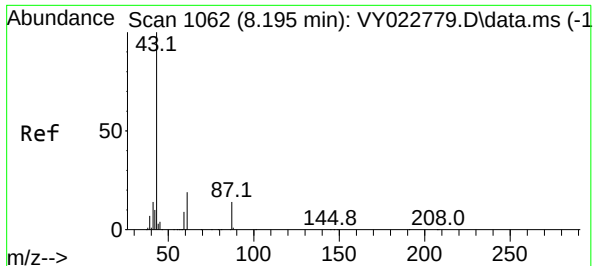
Tgt Ion:	41	Resp:	89058
Ion	Ratio	Lower	Upper
41	100		
39	63.0	46.6	69.8
67	81.7	63.3	94.9
52	35.7	27.5	41.3



#42
1,2-Dichloroethane
Concen: 53.409 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion:	62	Resp:	311167
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

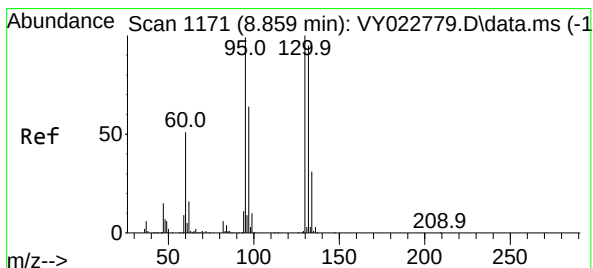
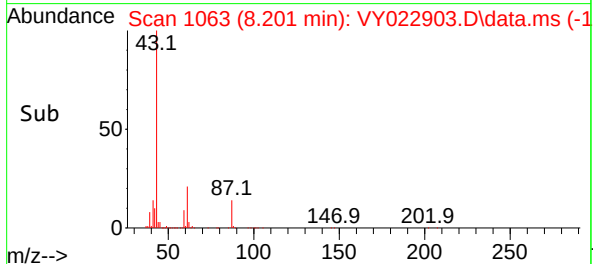
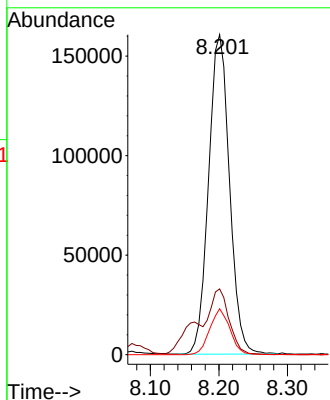
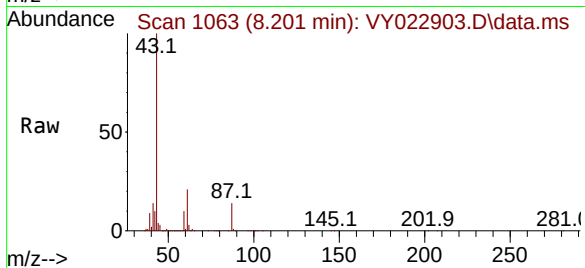




#43
Isopropyl Acetate
Concen: 54.817 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

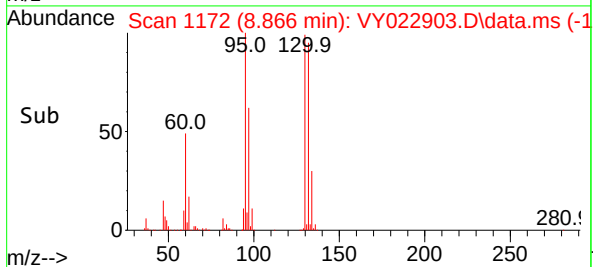
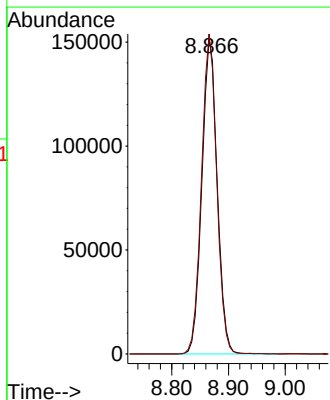
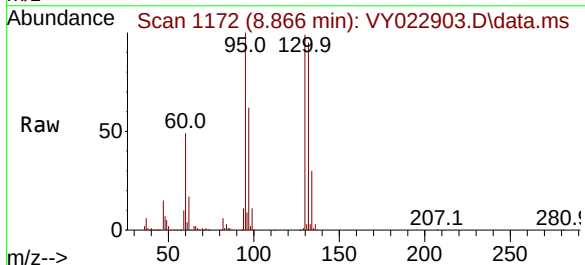
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

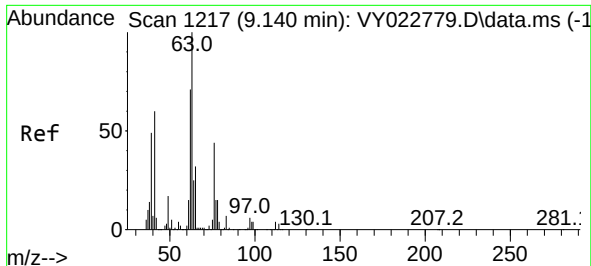
Tgt Ion: 43 Resp: 339974
Ion Ratio Lower Upper
43 100
61 19.4 15.6 23.4
87 13.9 10.2 15.4



#44
Trichloroethene
Concen: 53.232 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion:130 Resp: 284153
Ion Ratio Lower Upper
130 100
95 101.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 54.743 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

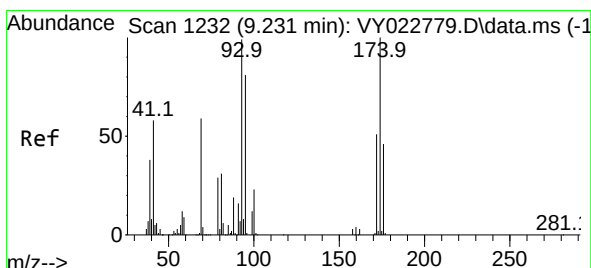
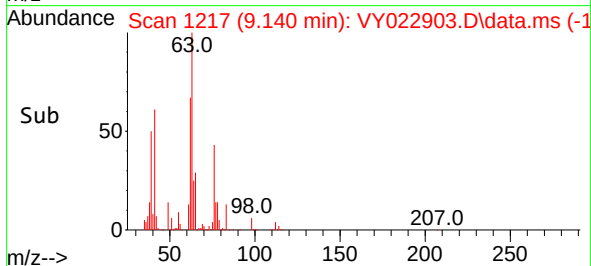
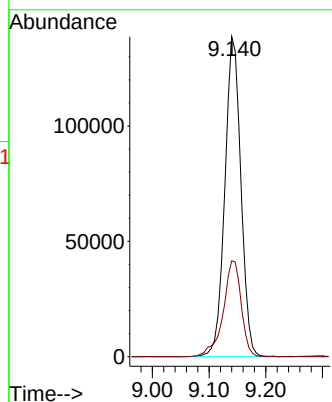
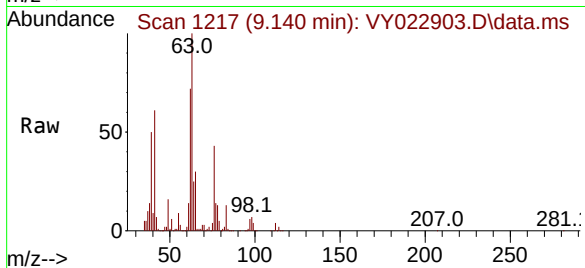
VSTDCCC050

Tgt Ion: 63 Resp: 272403

Ion Ratio Lower Upper

63 100

65 30.0 24.0 36.0



#46

Dibromomethane

Concen: 51.562 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

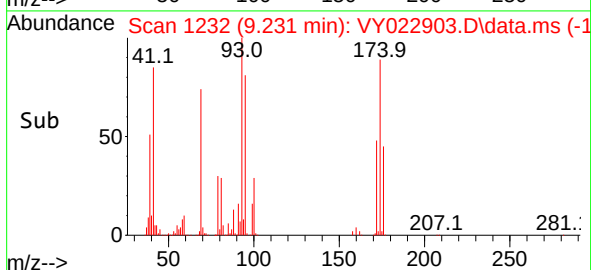
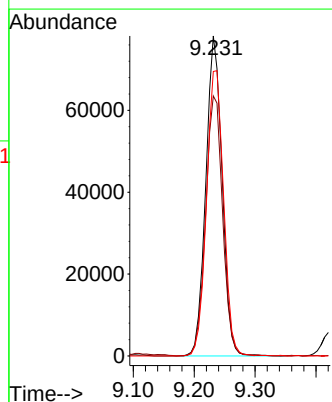
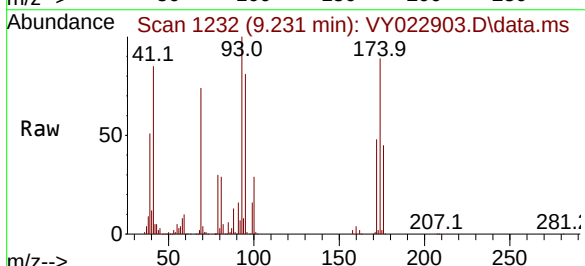
Tgt Ion: 93 Resp: 145649

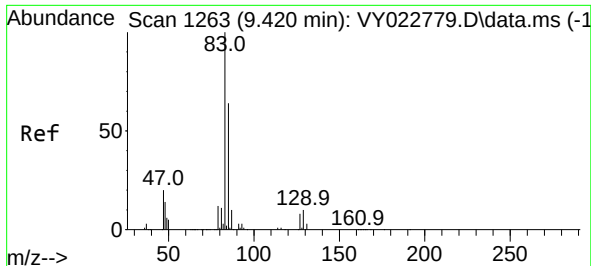
Ion Ratio Lower Upper

93 100

95 84.8 65.6 98.4

174 93.2 70.4 105.6

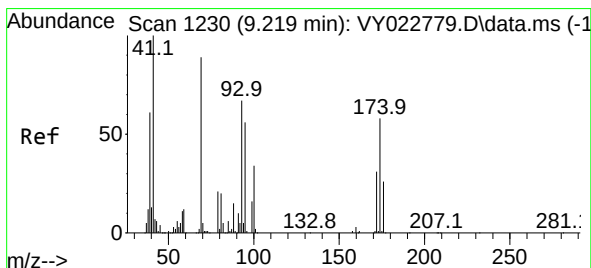
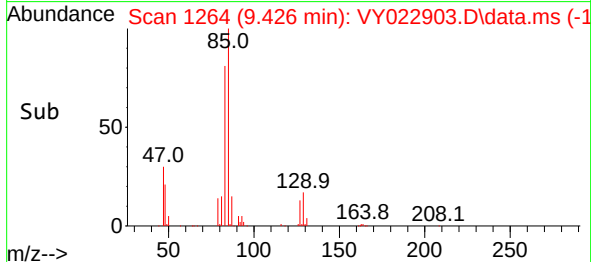
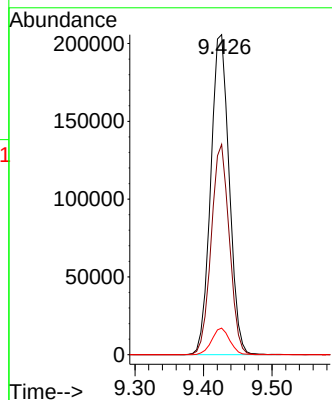
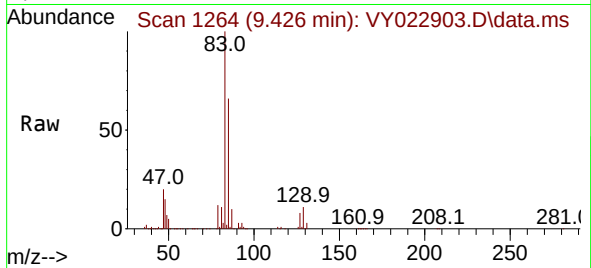




#47
Bromodichloromethane
Concen: 52.849 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

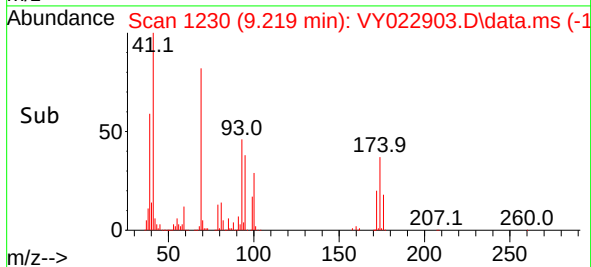
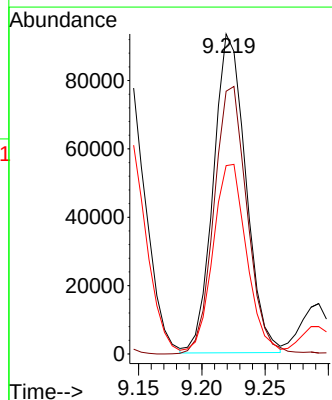
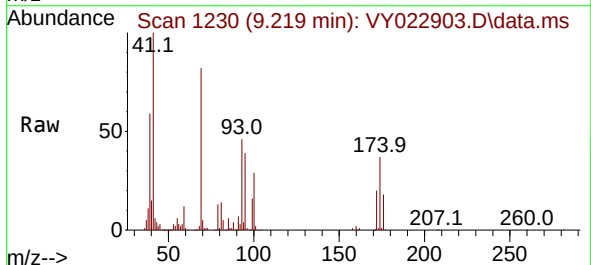
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

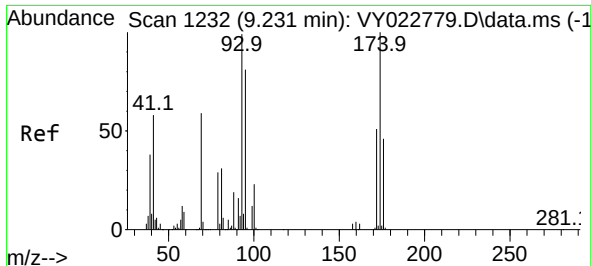
Tgt Ion: 83 Resp: 384954
Ion Ratio Lower Upper
83 100
85 65.7 49.1 73.7
127 8.3 6.2 9.4



#48
Methyl methacrylate
Concen: 55.754 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 41 Resp: 166230
Ion Ratio Lower Upper
41 100
69 86.1 67.8 101.8
39 59.4 55.0 82.4





#49

1,4-Dioxane

Concen: 959.632 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

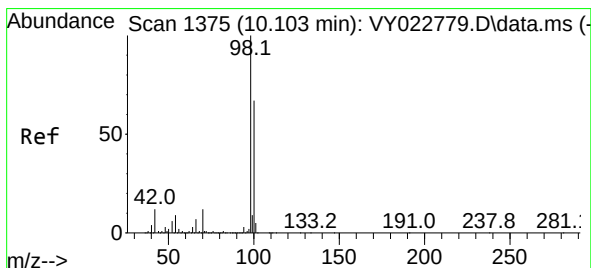
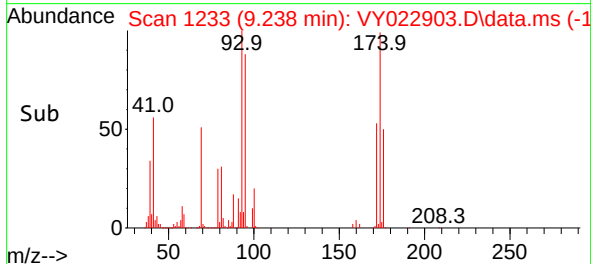
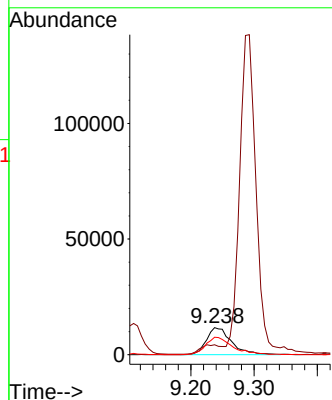
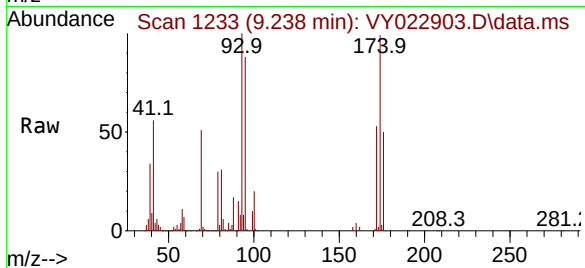
Tgt Ion: 88 Resp: 32026

Ion Ratio Lower Upper

88 100

43 29.0 25.4 38.2

58 69.3 54.9 82.3



#50

Toluene-d8

Concen: 50.437 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022903.D

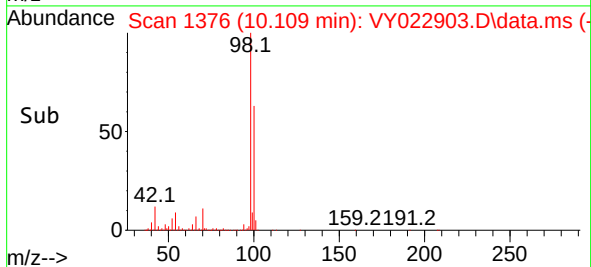
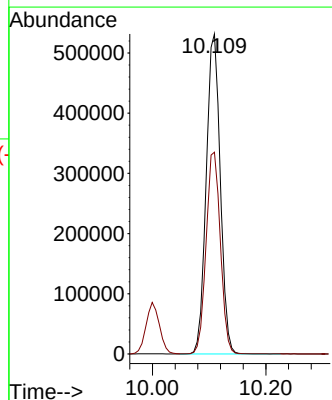
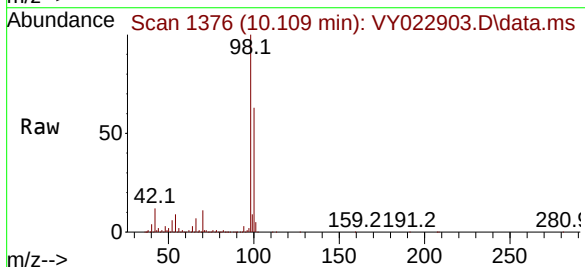
Acq: 02 Jul 2025 10:37

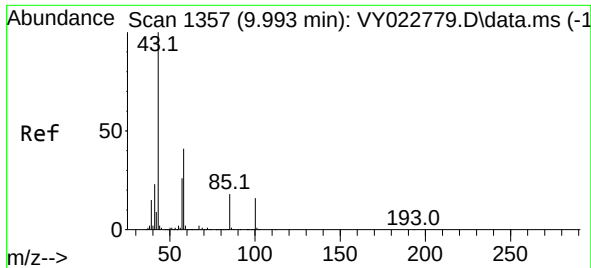
Tgt Ion: 98 Resp: 913078

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0

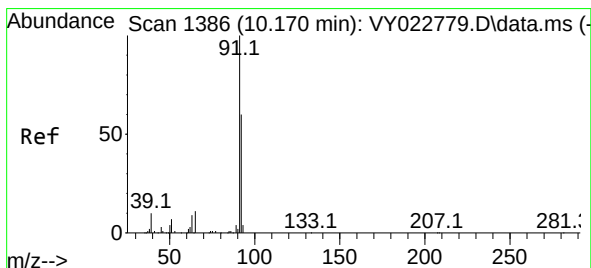
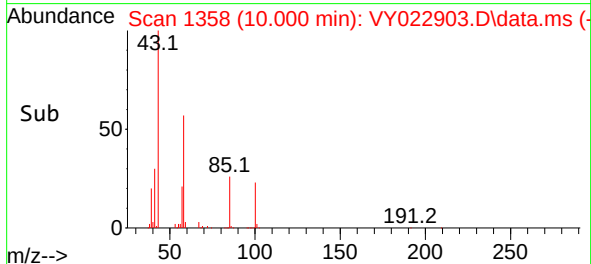
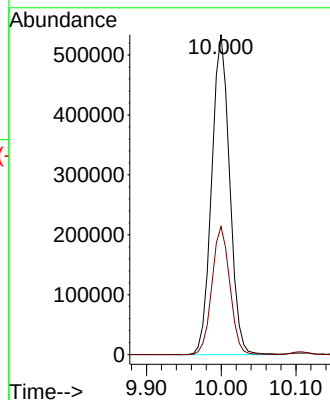
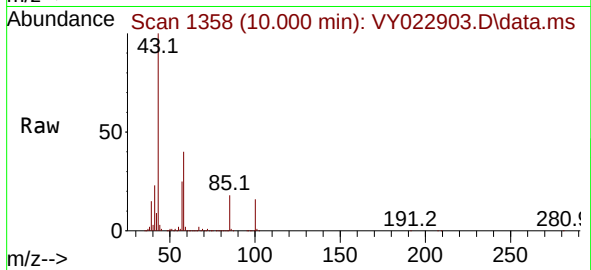




#51
4-Methyl-2-Pentanone
Concen: 283.019 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

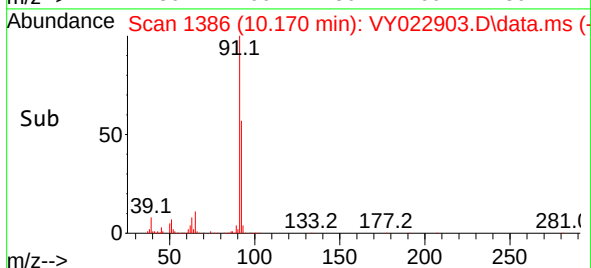
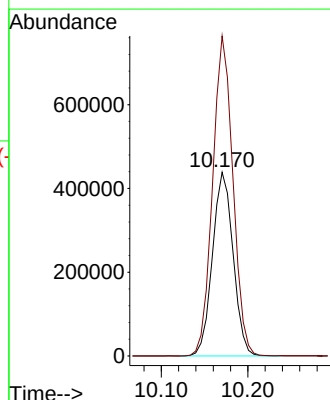
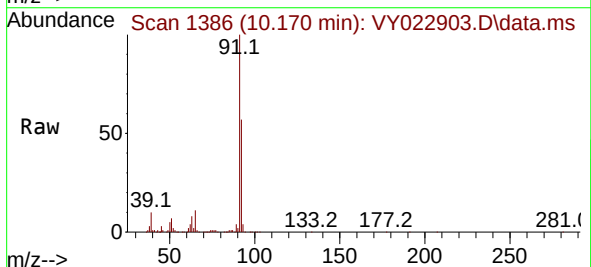
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

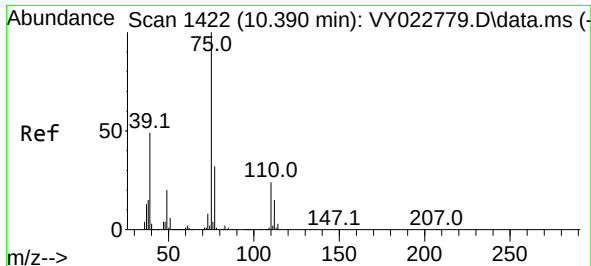
Tgt Ion: 43 Resp: 891979
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6



#52
Toluene
Concen: 54.060 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 92 Resp: 725115
Ion Ratio Lower Upper
92 100
91 171.7 139.0 208.4

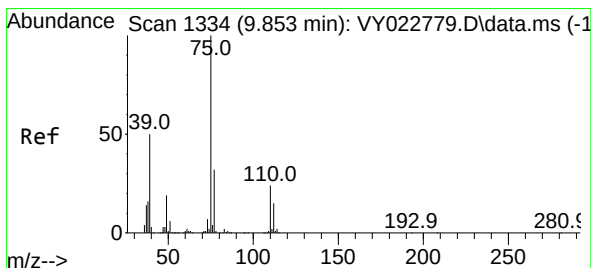
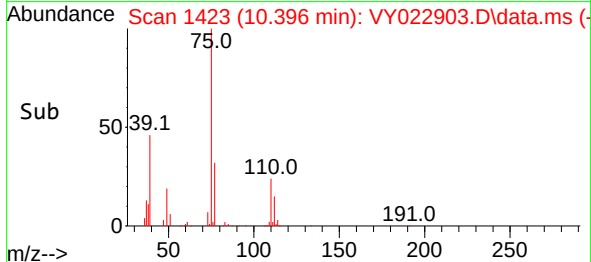
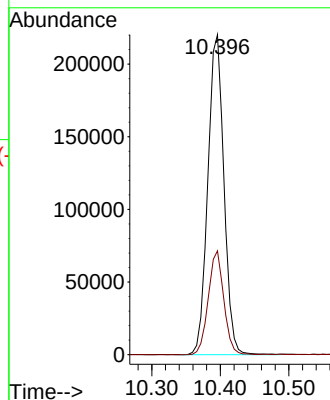
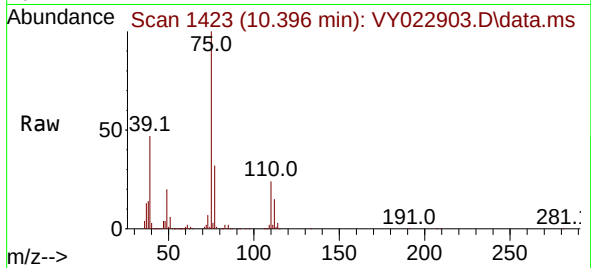




#53
t-1,3-Dichloropropene
Concen: 54.960 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

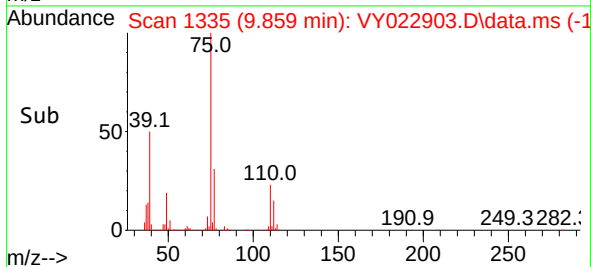
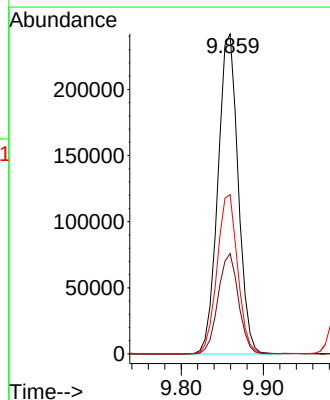
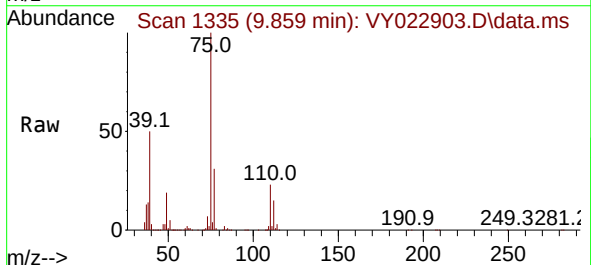
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

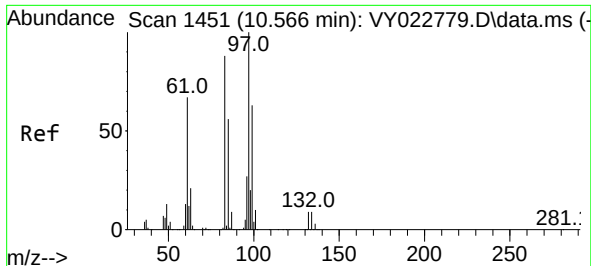
Tgt Ion: 75 Resp: 360192
Ion Ratio Lower Upper
75 100
77 32.5 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 54.430 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 75 Resp: 413613
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 49.7 42.7 64.1



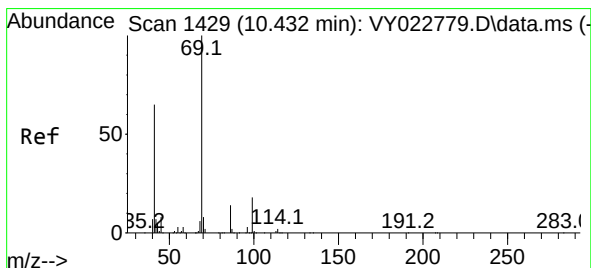
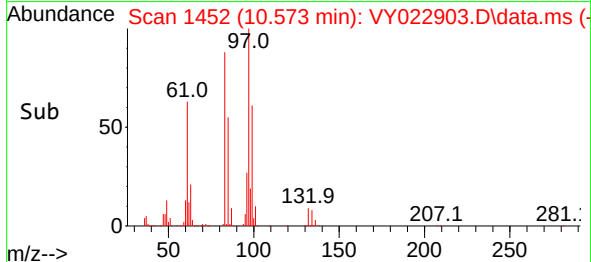
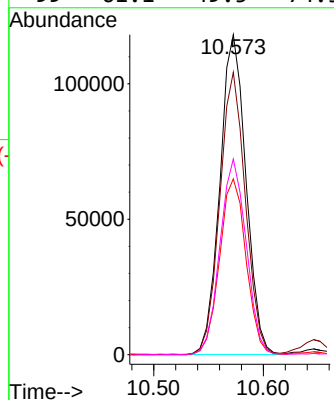
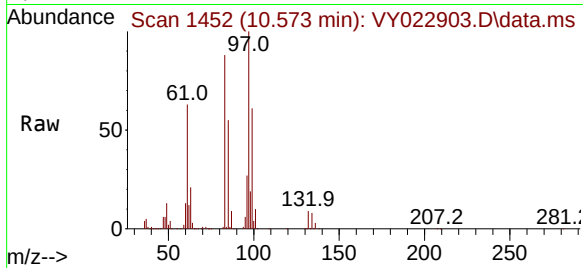


#55
1,1,2-Trichloroethane
Concen: 53.244 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 194751

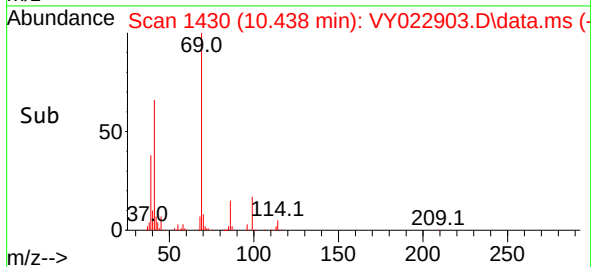
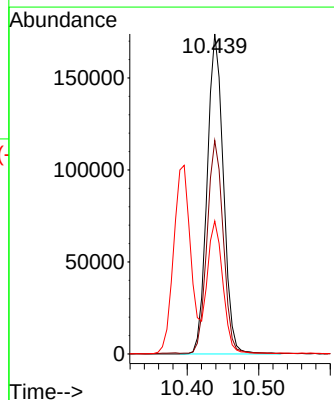
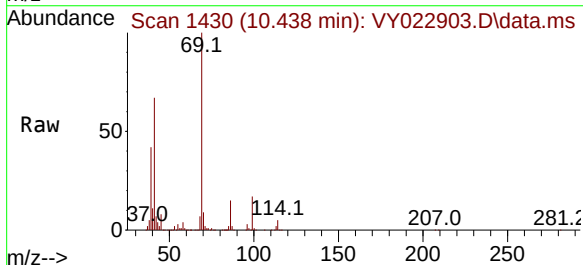
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.1	102.1
85	55.0	48.2	72.2
99	61.1	49.5	74.3

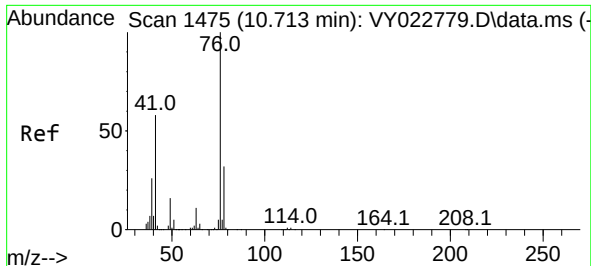


#56
Ethyl methacrylate
Concen: 55.677 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 69 Resp: 273989

Ion	Ratio	Lower	Upper
69	100		
41	66.4	52.2	78.2
39	38.3	36.7	55.1





#57

1,3-Dichloropropane

Concen: 53.673 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

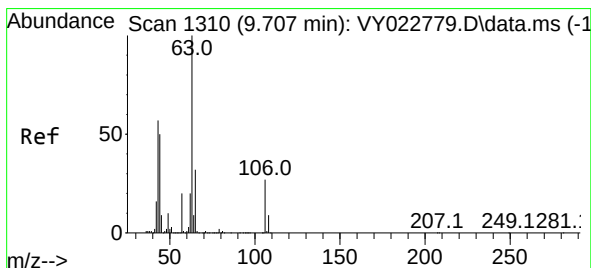
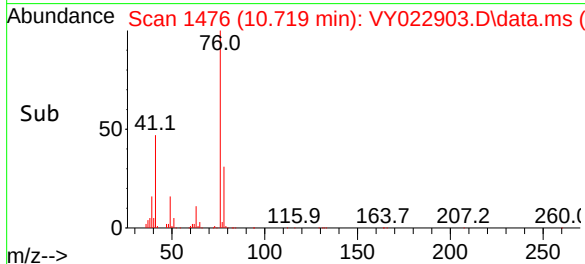
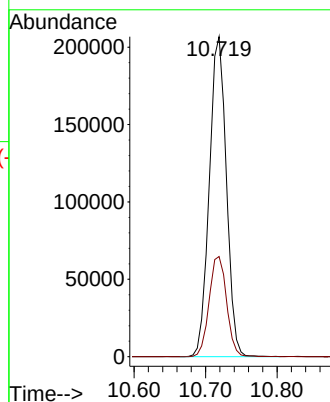
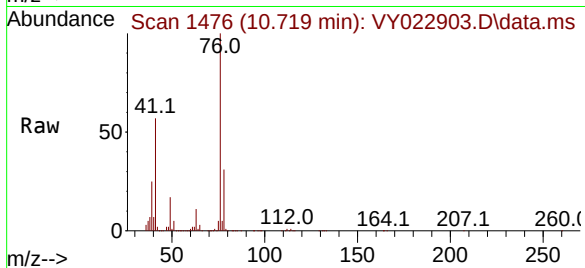
VSTDCCC050

Tgt Ion: 76 Resp: 342524

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 260.320 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022903.D

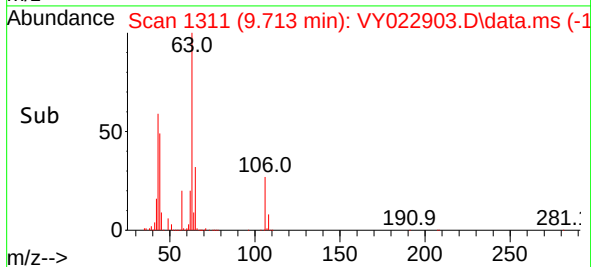
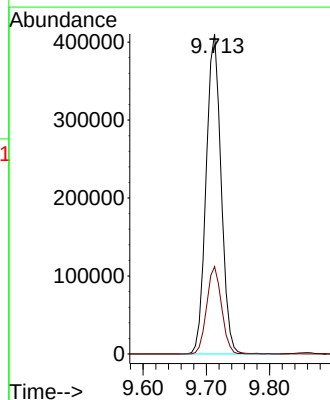
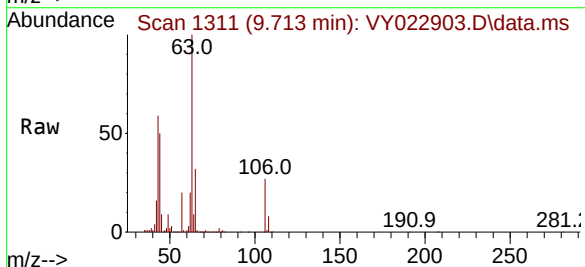
Acq: 02 Jul 2025 10:37

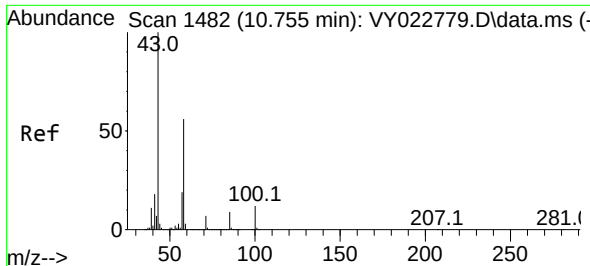
Tgt Ion: 63 Resp: 675089

Ion Ratio Lower Upper

63 100

106 27.1 21.6 32.4

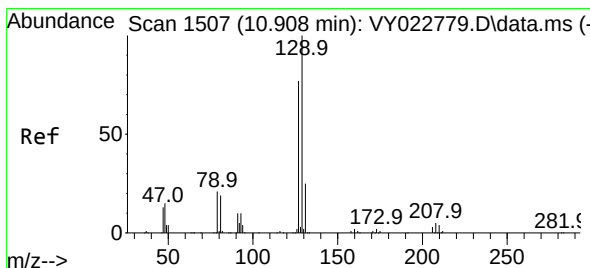
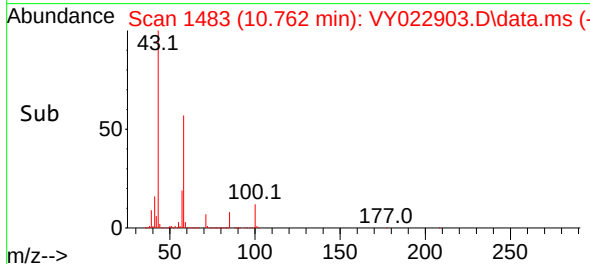
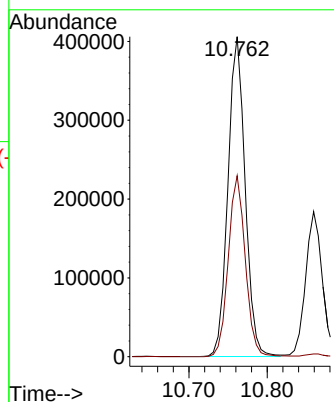
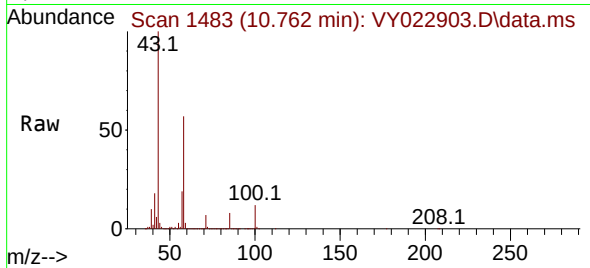




#59
2-Hexanone
Concen: 288.576 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

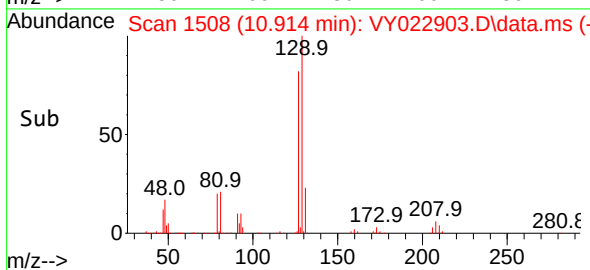
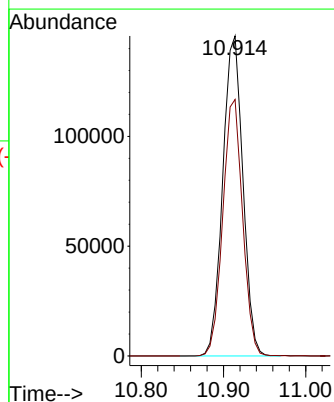
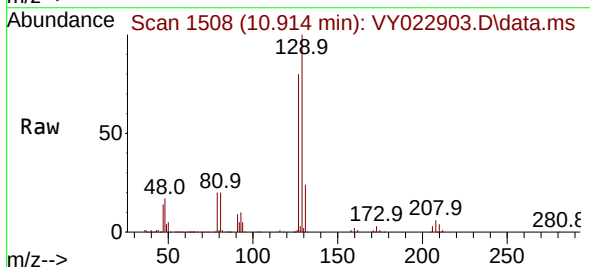
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

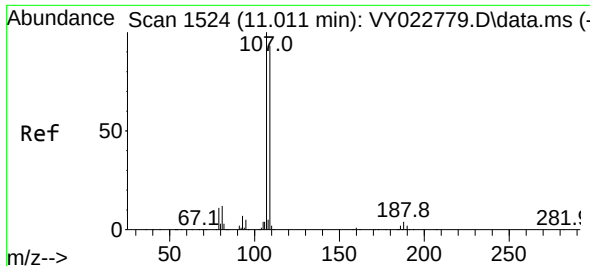
Tgt Ion: 43 Resp: 618341
Ion Ratio Lower Upper
43 100
58 56.3 27.3 81.8



#60
Dibromochloromethane
Concen: 52.630 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 129 Resp: 248656
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2

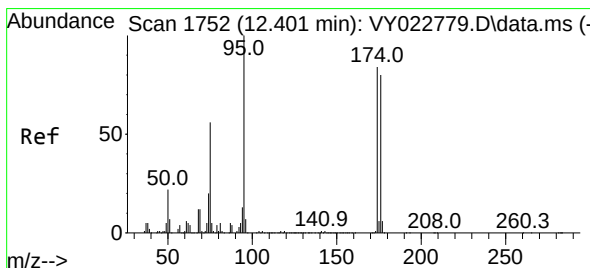
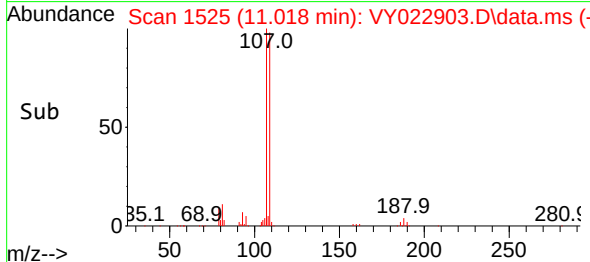
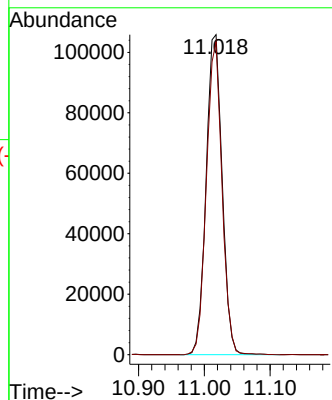
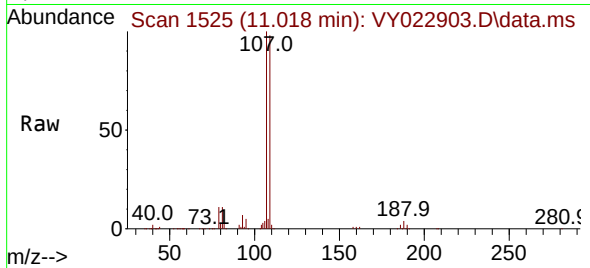




#61
1,2-Dibromoethane
Concen: 52.452 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

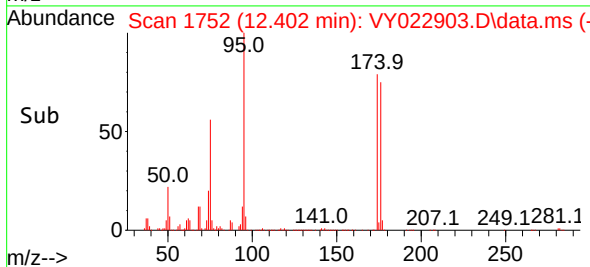
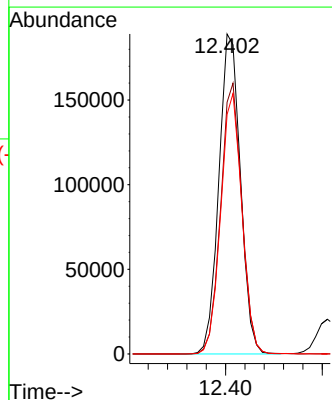
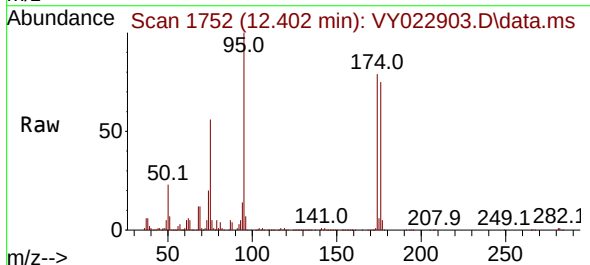
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

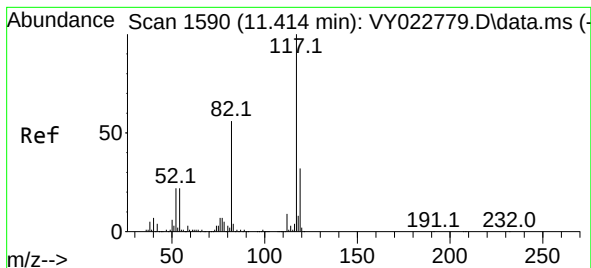
Tgt Ion:107 Resp: 179534
Ion Ratio Lower Upper
107 100
109 95.1 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.088 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 95 Resp: 291499
Ion Ratio Lower Upper
95 100
174 83.3 0.0 170.0
176 80.3 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: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

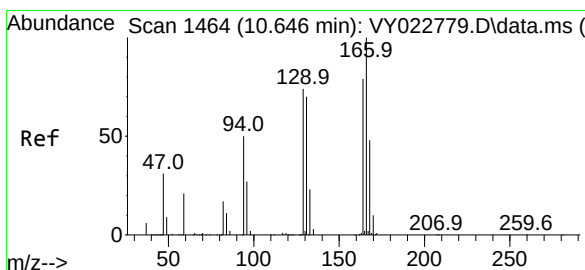
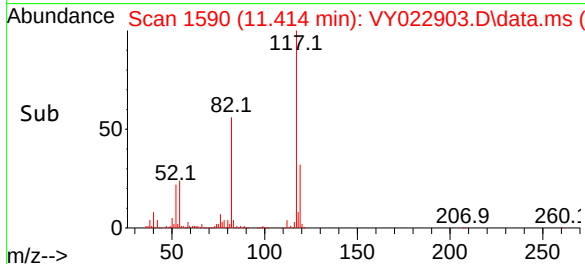
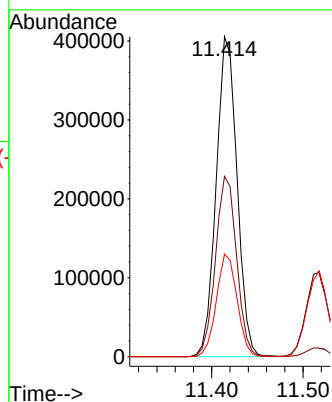
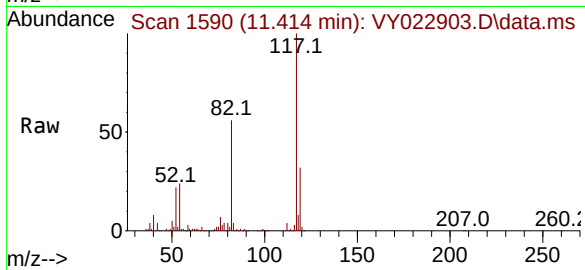
Tgt Ion:117 Resp: 644334

Ion Ratio Lower Upper

117 100

82 56.3 44.6 66.8

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 52.699 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Tgt Ion:164 Resp: 320778

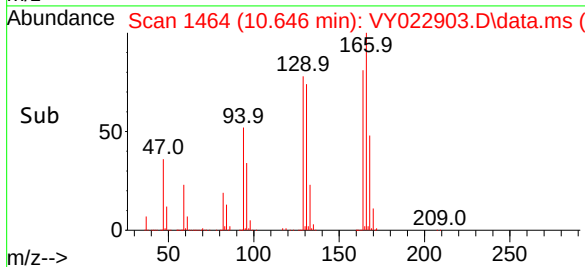
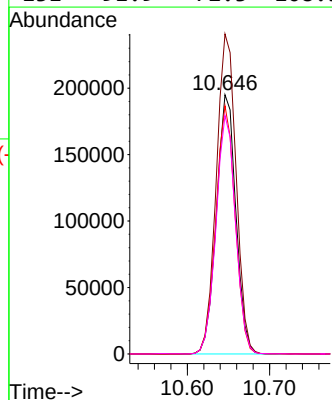
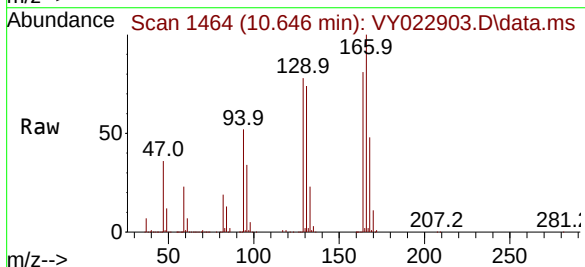
Ion Ratio Lower Upper

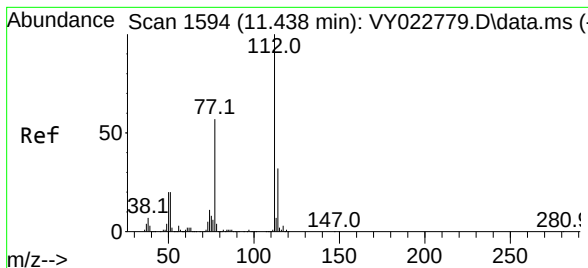
164 100

166 123.4 104.0 156.0

129 95.7 74.5 111.7

131 91.9 72.3 108.5

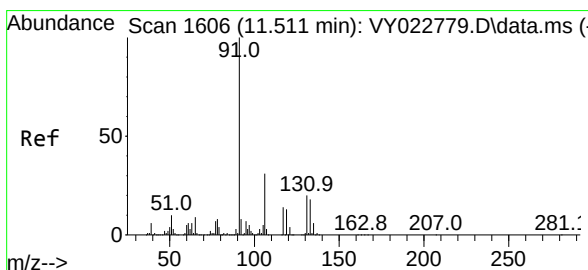
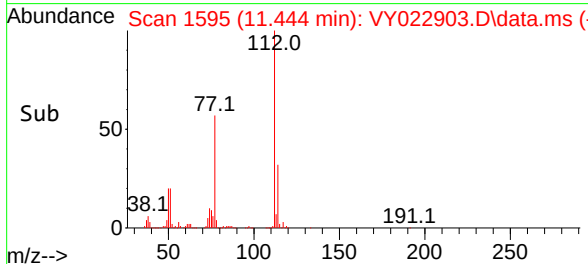
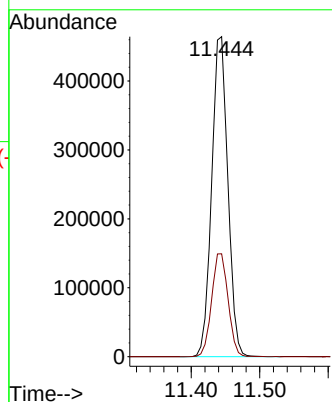
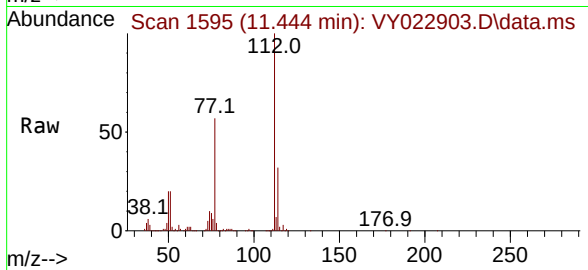




#65
Chlorobenzene
Concen: 53.623 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

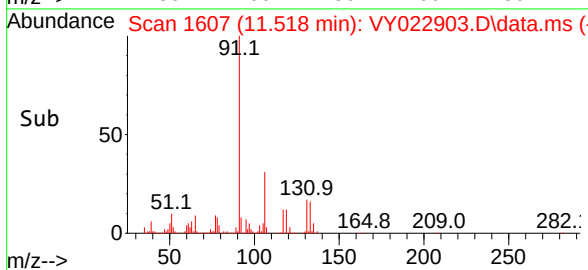
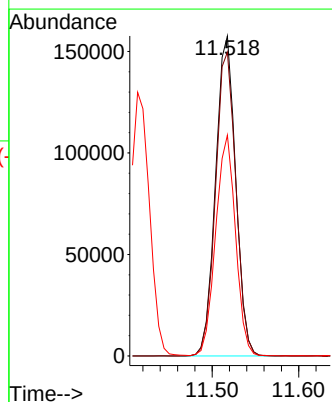
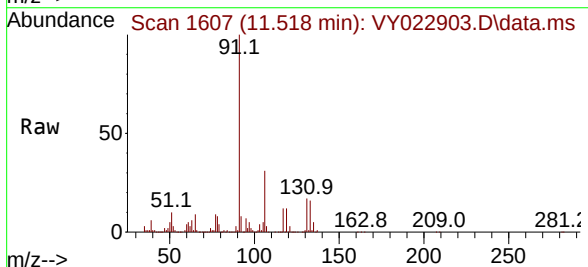
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

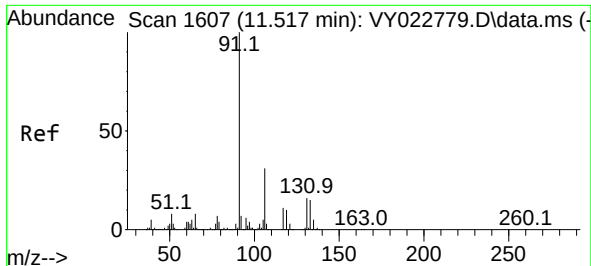
Tgt Ion:112 Resp: 759204
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.117 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion:131 Resp: 254715
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.8
119 68.0 33.1 99.3





#67

Ethyl Benzene

Concen: 56.048 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

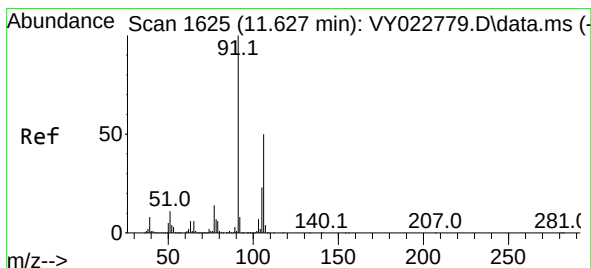
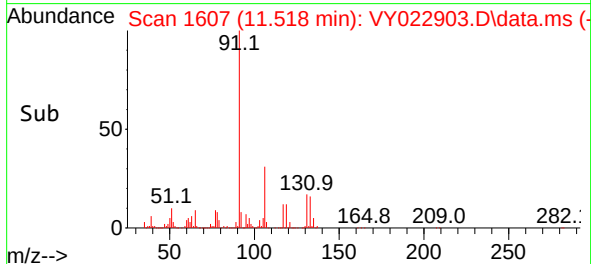
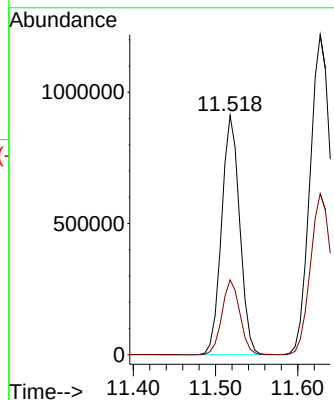
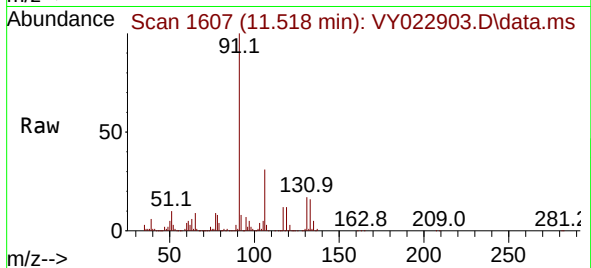
VSTDCCC050

Tgt Ion: 91 Resp: 1394245

Ion Ratio Lower Upper

91 100

106 31.3 24.2 36.4



#68

m/p-Xylenes

Concen: 111.770 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022903.D

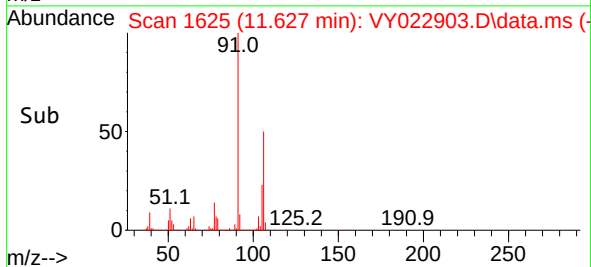
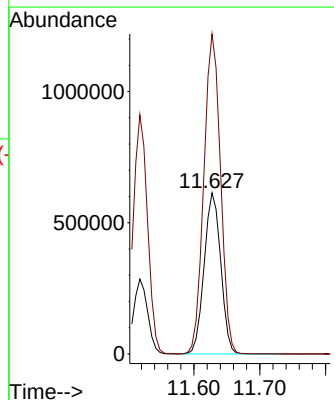
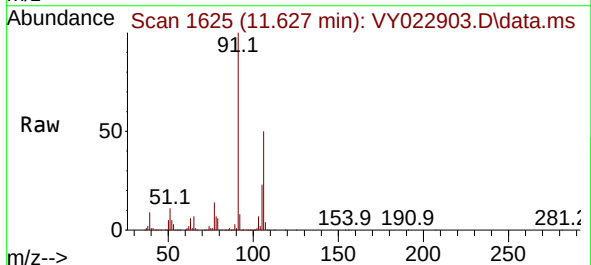
Acq: 02 Jul 2025 10:37

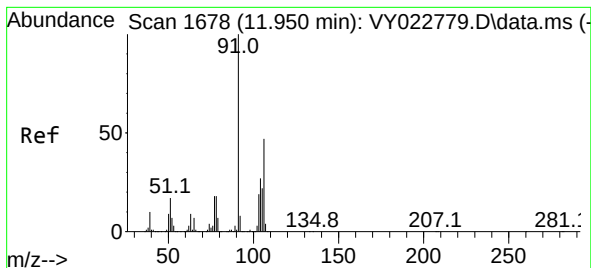
Tgt Ion:106 Resp: 1074780

Ion Ratio Lower Upper

106 100

91 200.4 159.4 239.0





#69

o-Xylene

Concen: 55.713 ug/l

RT: 11.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

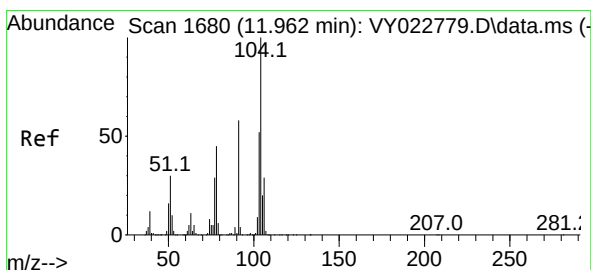
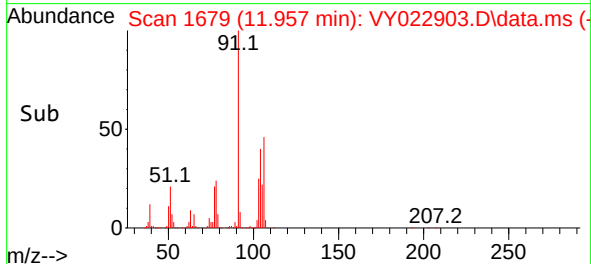
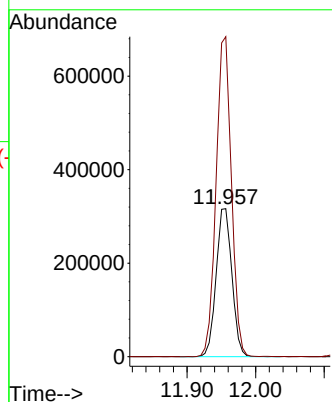
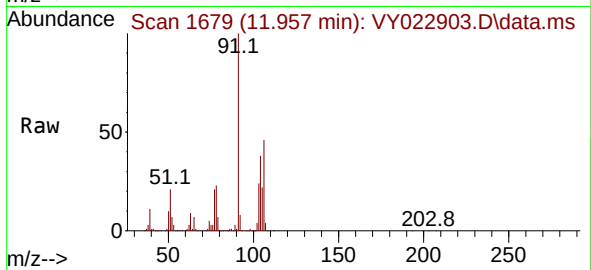
VSTDCCC050

Tgt Ion:106 Resp: 504799

Ion Ratio Lower Upper

106 100

91 210.4 105.8 317.3



#70

Styrene

Concen: 55.754 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

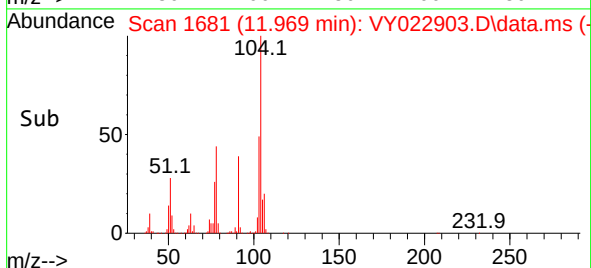
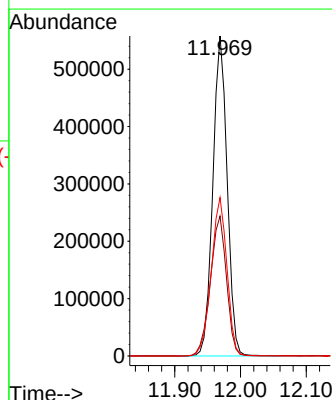
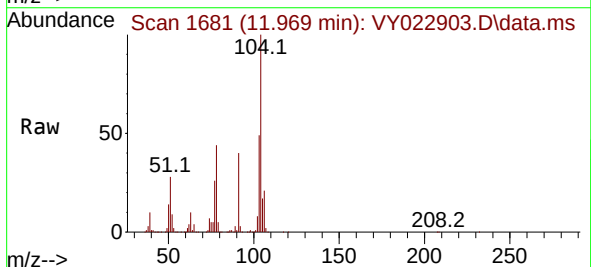
Tgt Ion:104 Resp: 846178

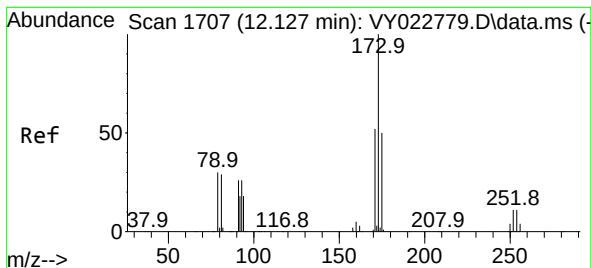
Ion Ratio Lower Upper

104 100

78 49.0 39.5 59.3

103 54.1 44.1 66.1





#71

Bromoform

Concen: 53.058 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

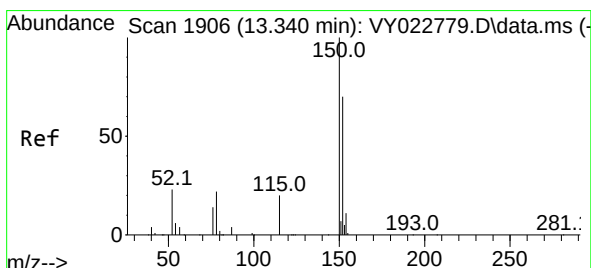
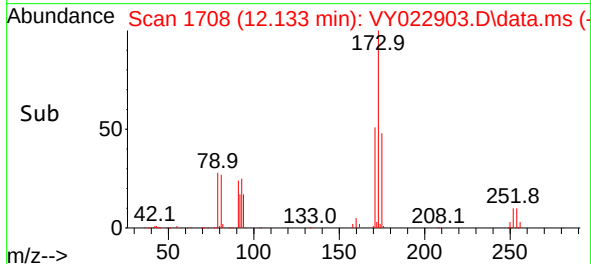
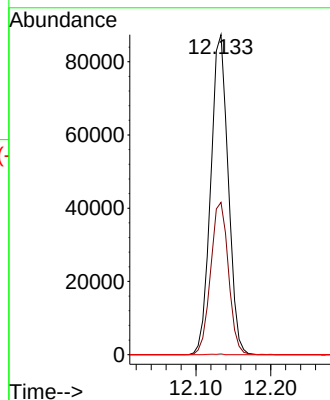
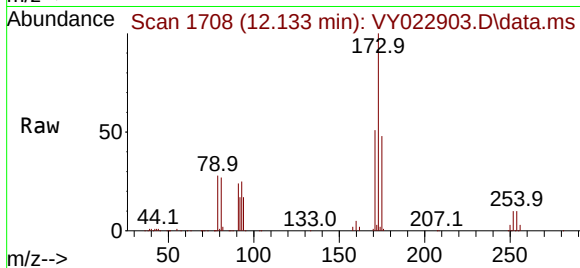
Tgt Ion:173 Resp: 141673

Ion Ratio Lower Upper

173 100

175 48.5 23.8 71.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

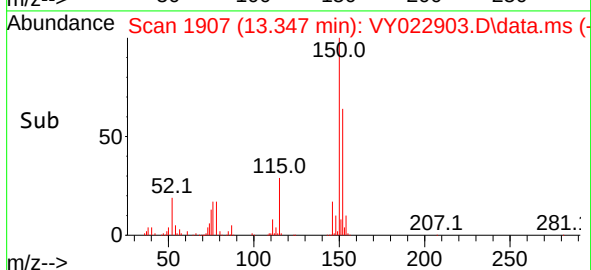
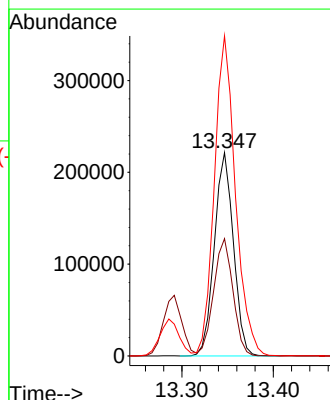
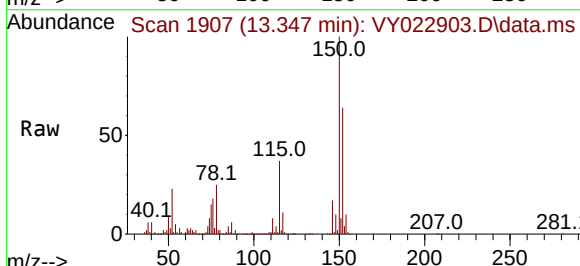
Tgt Ion:152 Resp: 321198

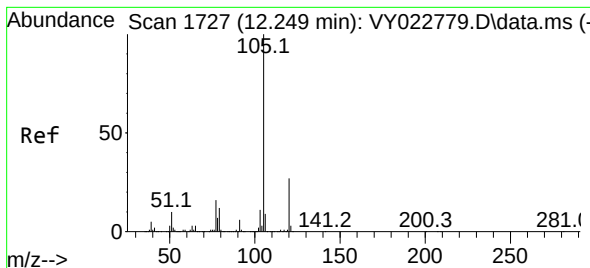
Ion Ratio Lower Upper

152 100

115 58.4 28.9 86.7

150 174.3 0.0 349.6





#73

Isopropylbenzene

Concen: 55.625 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

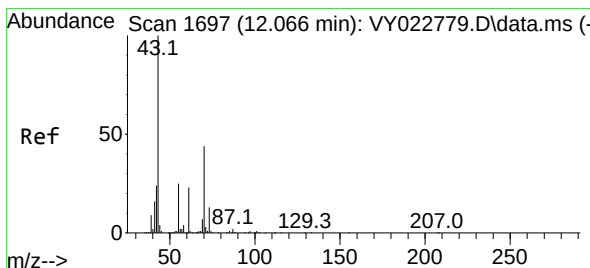
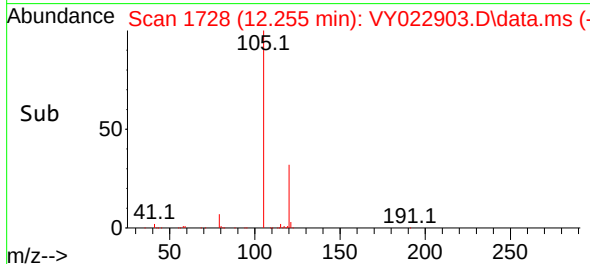
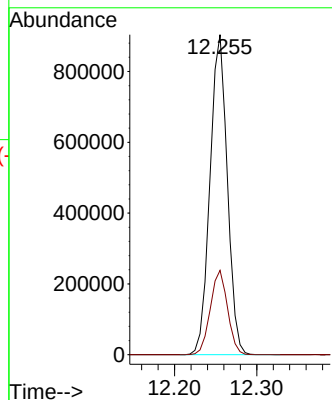
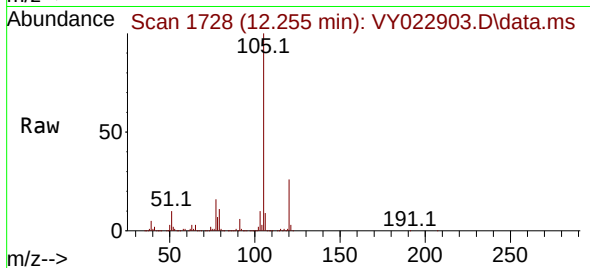
VSTDCCC050

Tgt Ion:105 Resp: 1321351

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 57.921 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Tgt Ion: 43 Resp: 308837

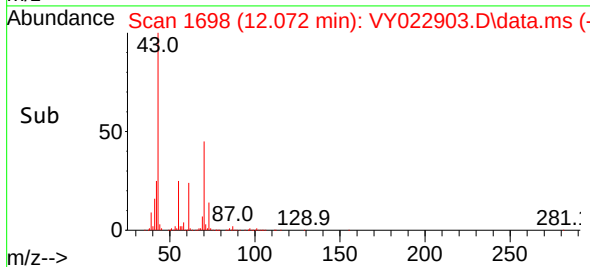
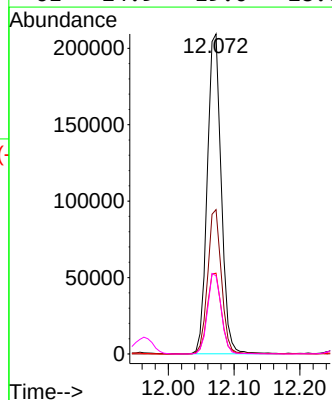
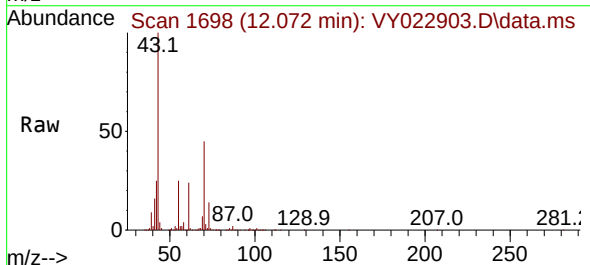
Ion Ratio Lower Upper

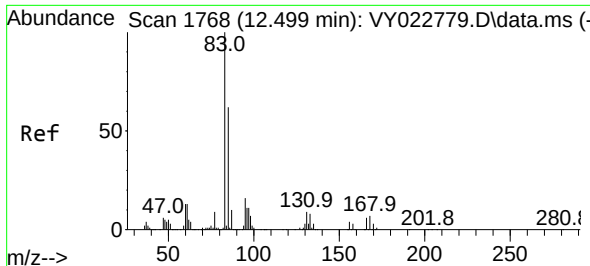
43 100

70 44.8 34.2 51.2

55 25.7 18.2 27.4

61 24.9 19.0 28.6

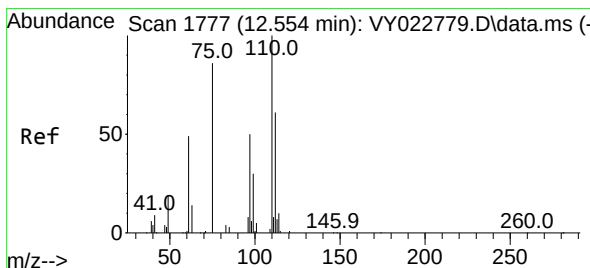
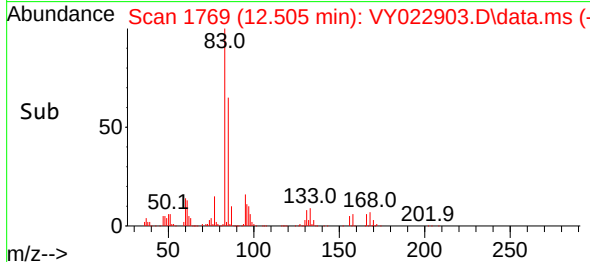
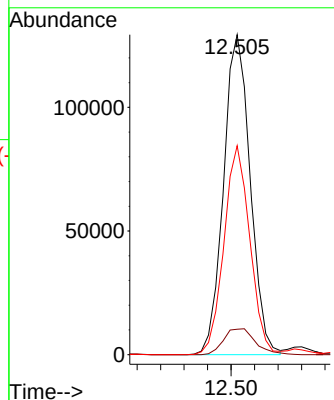
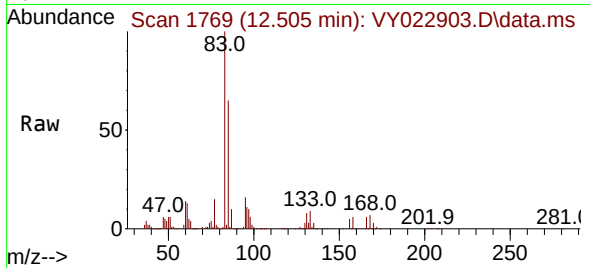




#75
1,1,2,2-Tetrachloroethane
Concen: 53.300 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

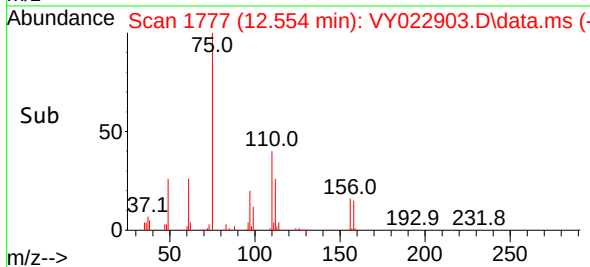
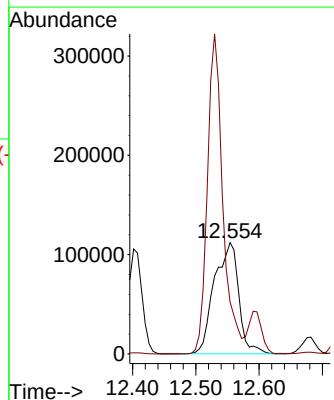
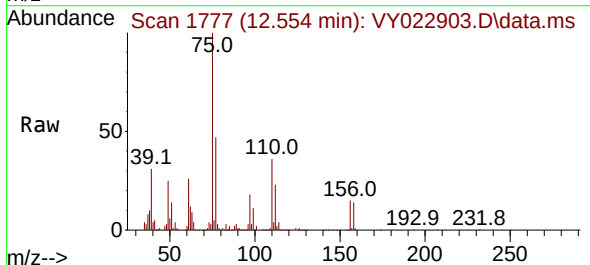
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

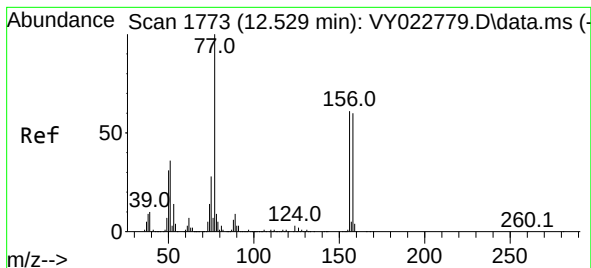
Tgt Ion: 83 Resp: 204060
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 63.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 91.412 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 75 Resp: 299755
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.353 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

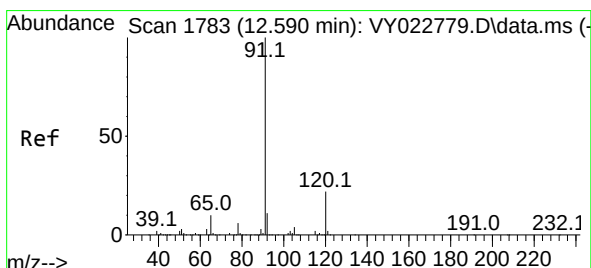
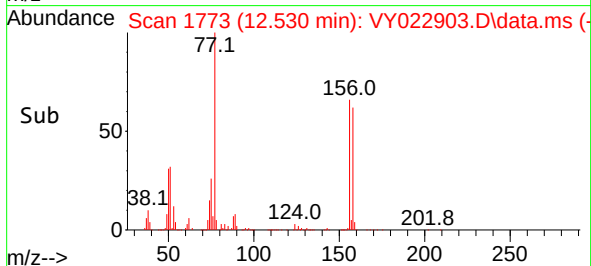
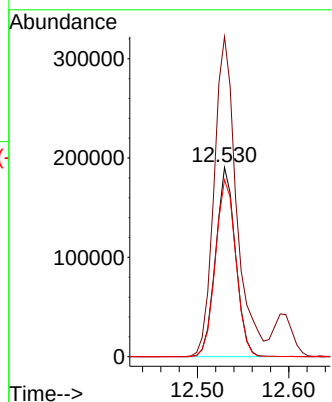
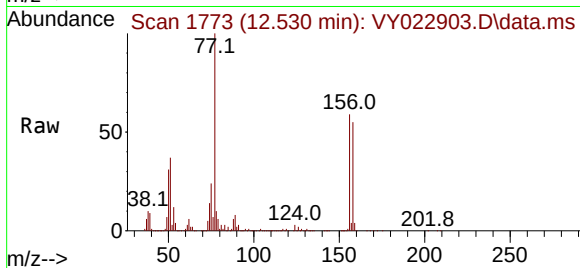
Tgt Ion:156 Resp: 287274

Ion Ratio Lower Upper

156 100

77 190.3 94.0 282.1

158 96.3 48.2 144.6



#78

n-propylbenzene

Concen: 56.371 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022903.D

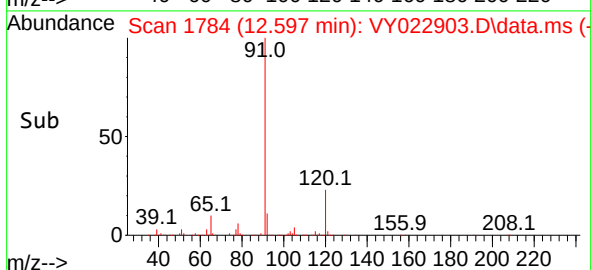
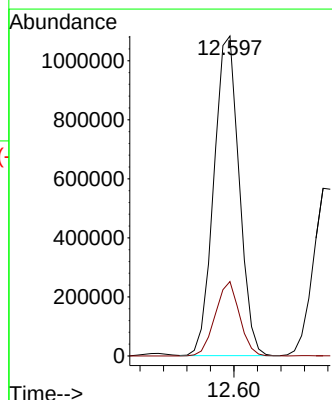
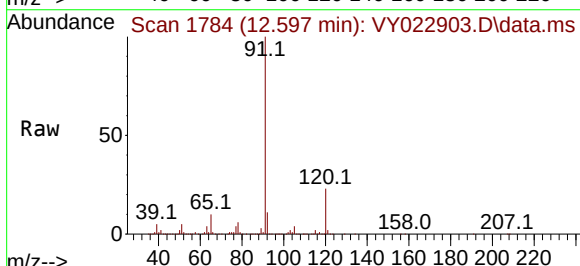
Acq: 02 Jul 2025 10:37

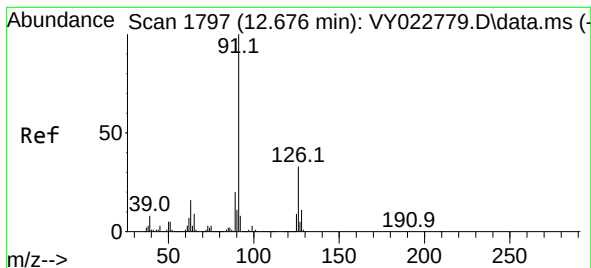
Tgt Ion: 91 Resp: 1616734

Ion Ratio Lower Upper

91 100

120 22.4 10.8 32.4

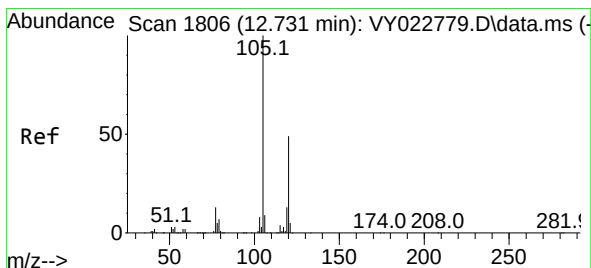
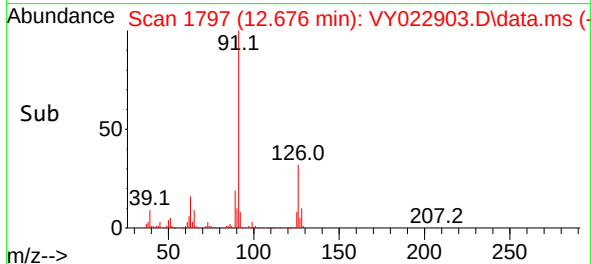
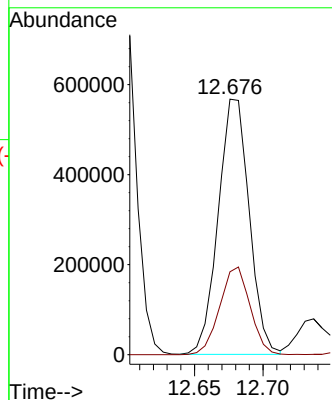
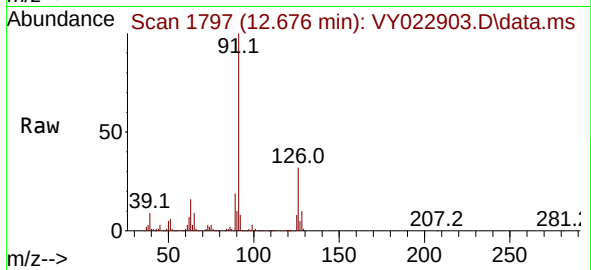




#79
2-Chlorotoluene
Concen: 55.258 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

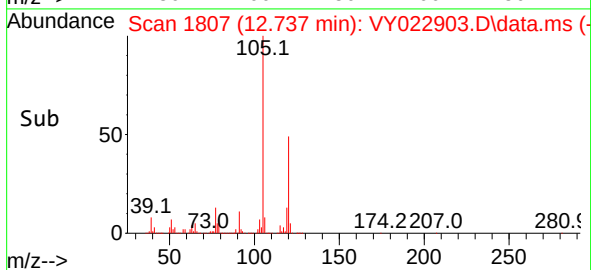
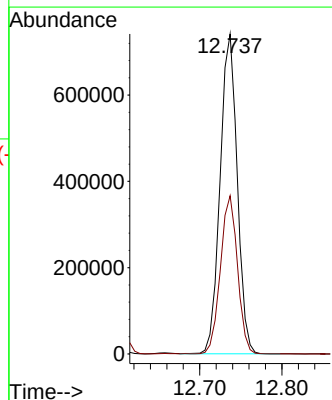
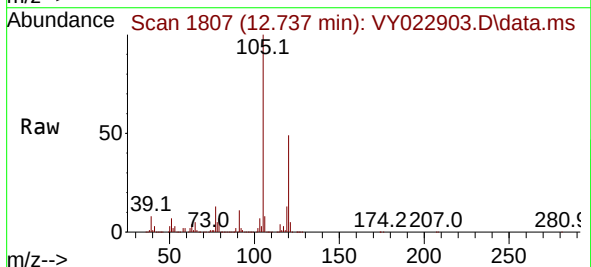
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

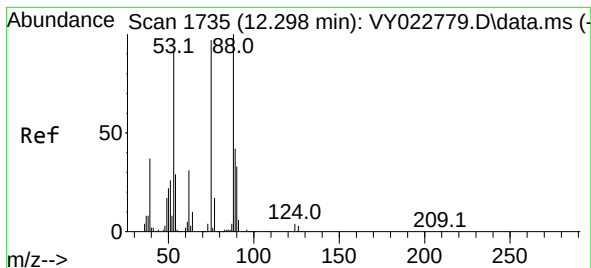
Tgt Ion: 91 Resp: 895405
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 55.899 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 105 Resp: 1071945
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.4

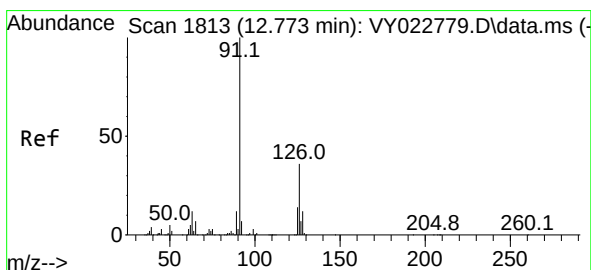
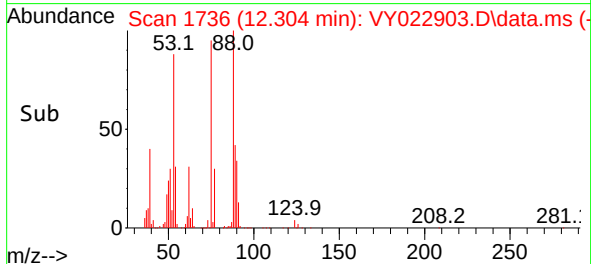
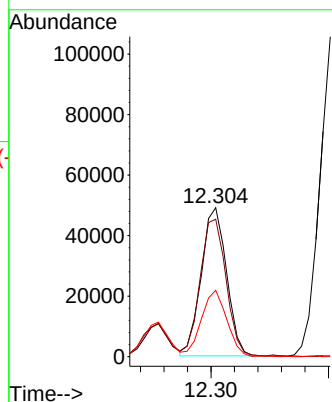
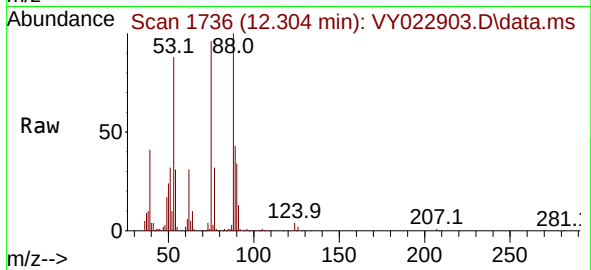




#81
trans-1,4-Dichloro-2-butene
Concen: 56.484 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

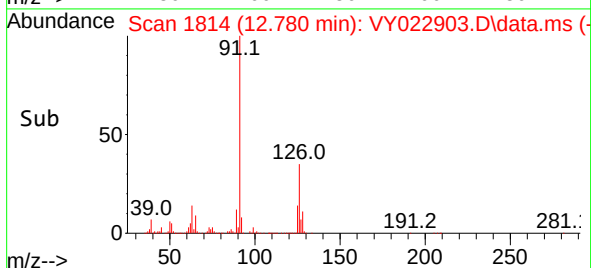
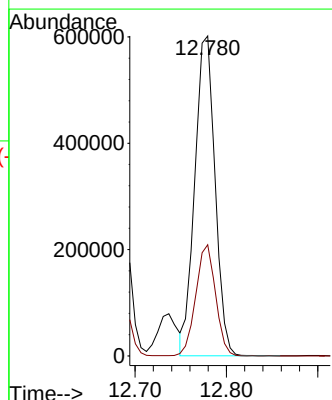
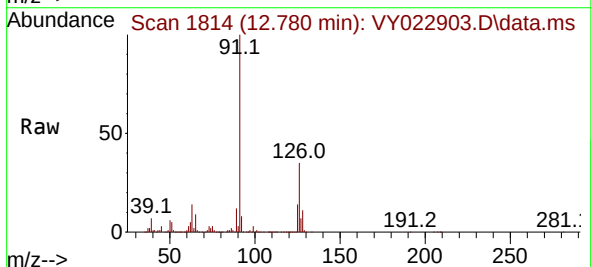
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

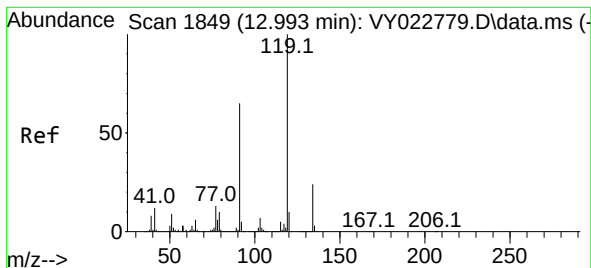
Tgt Ion: 75 Resp: 73314
Ion Ratio Lower Upper
75 100
53 94.5 78.5 117.7
89 45.4 35.7 53.5



#82
4-Chlorotoluene
Concen: 54.375 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 91 Resp: 925486
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 56.476 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

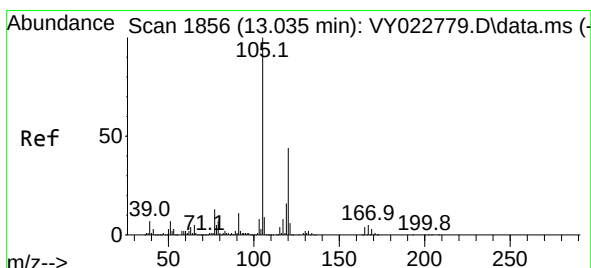
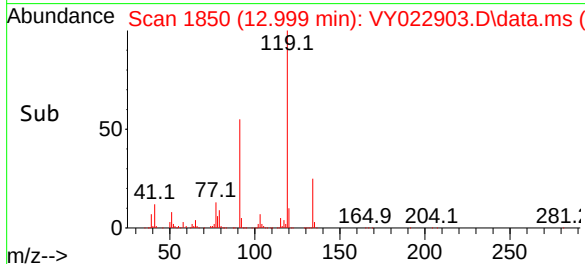
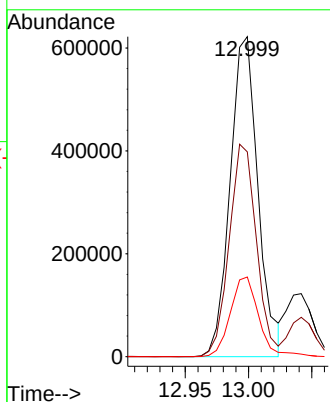
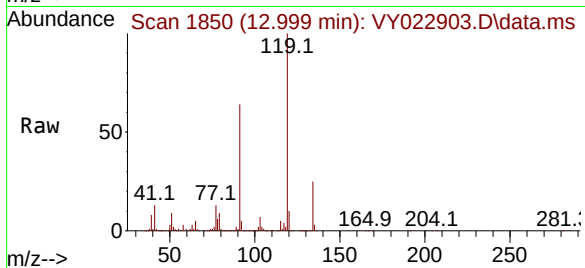
Tgt Ion:119 Resp: 955110

Ion Ratio Lower Upper

119 100

91 64.9 32.1 96.3

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 55.864 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022903.D

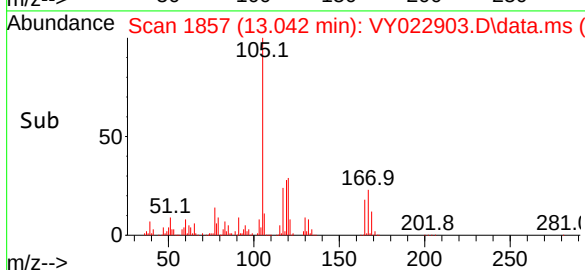
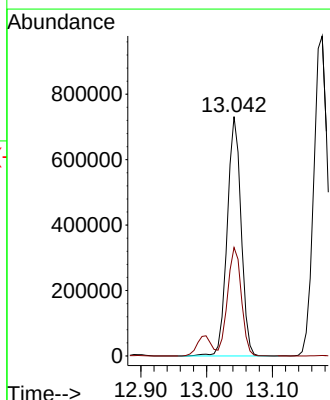
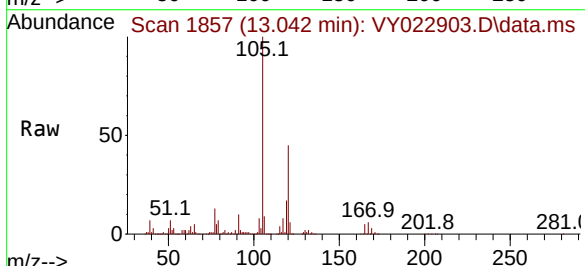
Acq: 02 Jul 2025 10:37

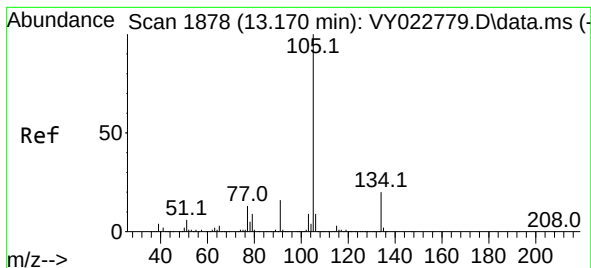
Tgt Ion:105 Resp: 1072543

Ion Ratio Lower Upper

105 100

120 45.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 56.954 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

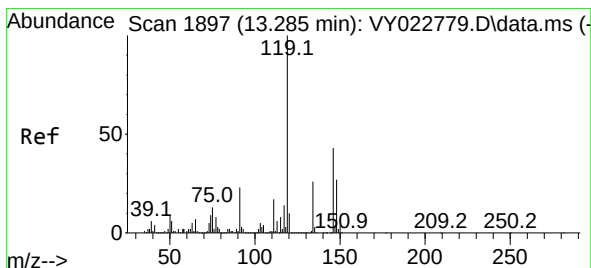
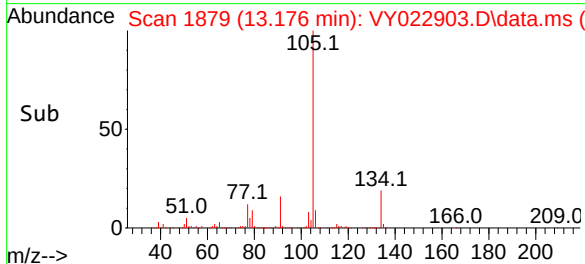
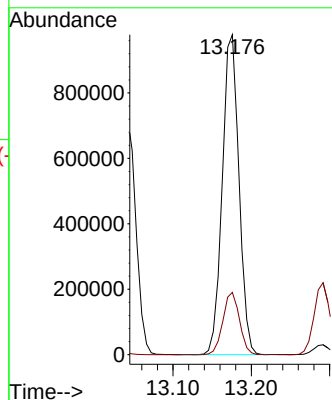
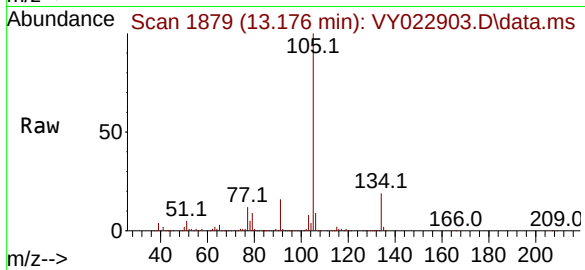
VSTDCCC050

Tgt Ion:105 Resp: 1449215

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 56.563 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

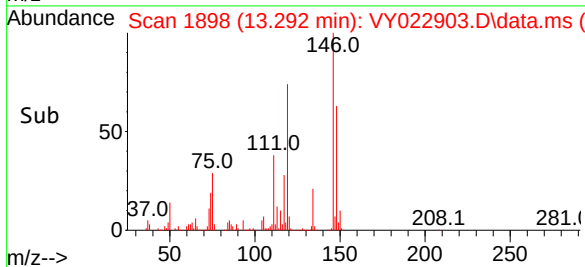
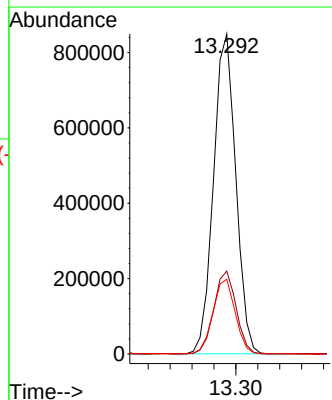
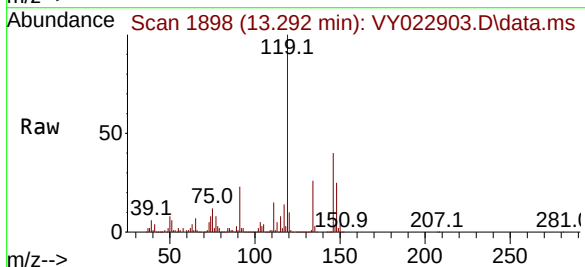
Tgt Ion:119 Resp: 1197717

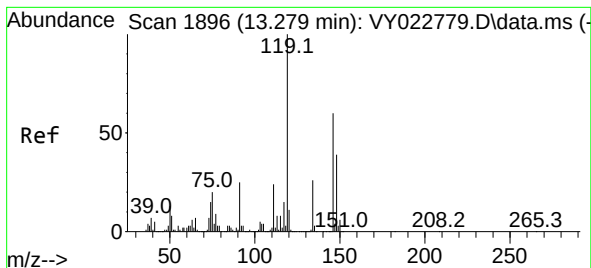
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 54.130 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

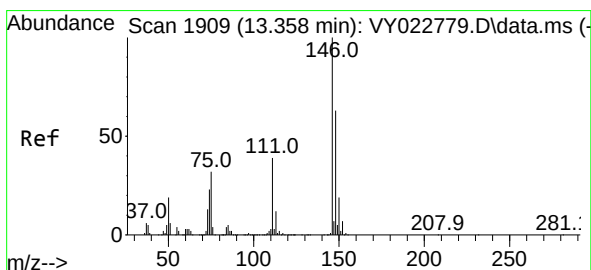
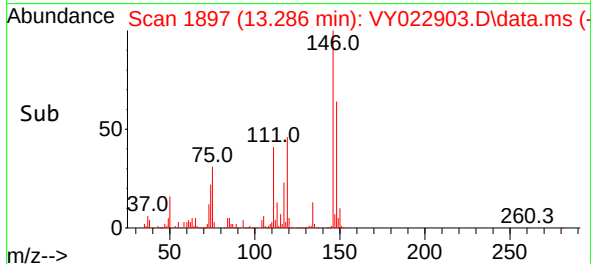
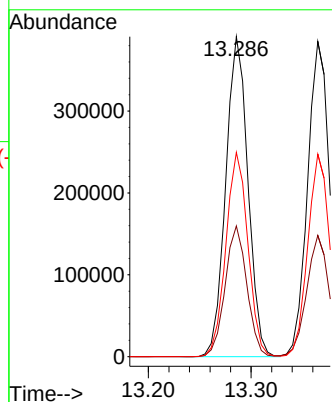
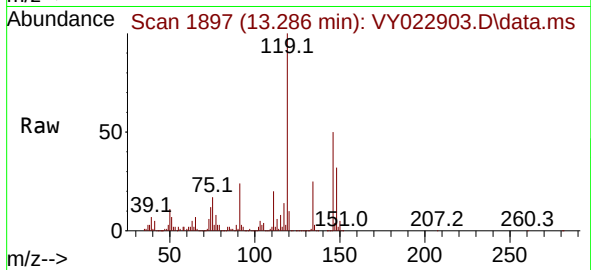
Tgt Ion:146 Resp: 585352

Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

148 63.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 53.624 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

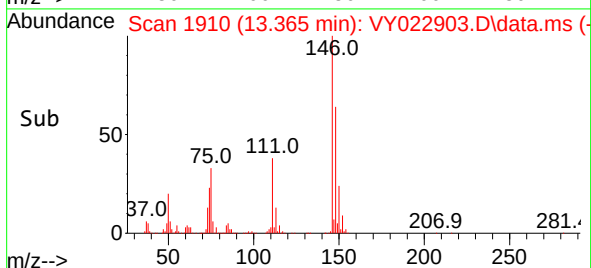
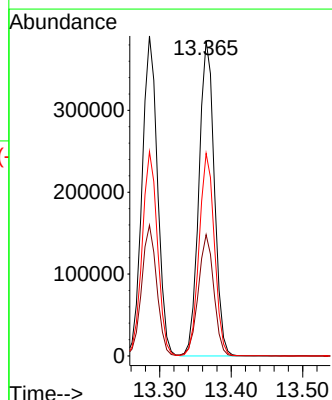
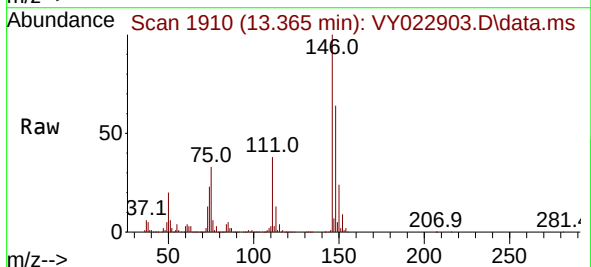
Tgt Ion:146 Resp: 576014

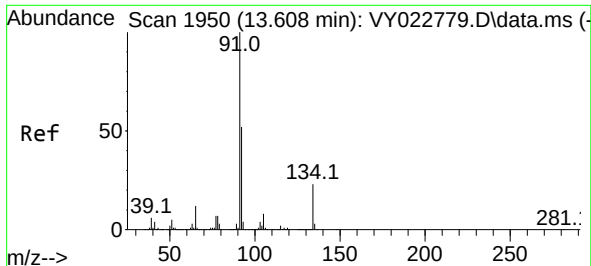
Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 57.570 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

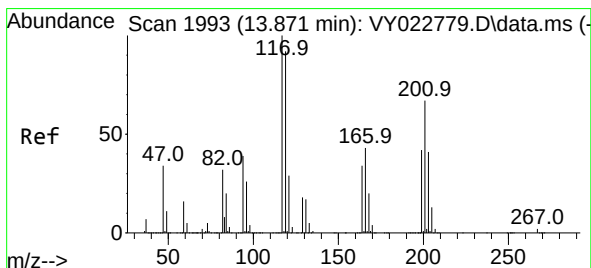
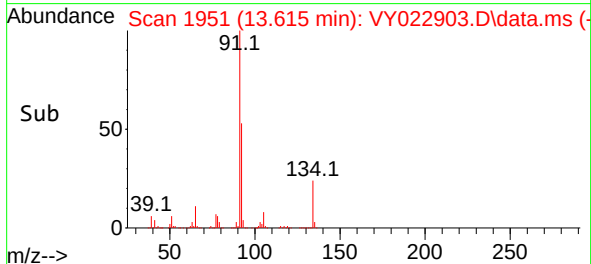
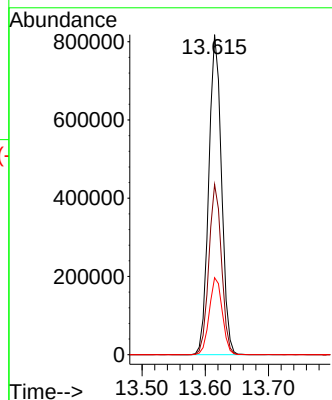
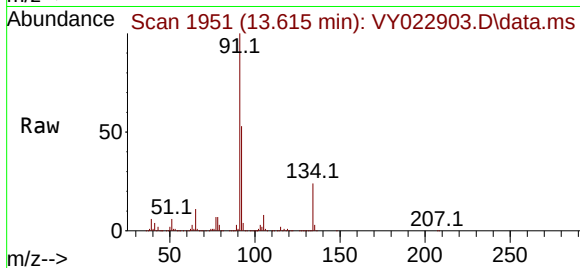
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1146686

Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.9	77.8
134	24.6	12.0	36.1



#90

Hexachloroethane

Concen: 54.266 ug/l

RT: 13.877 min Scan# 1994

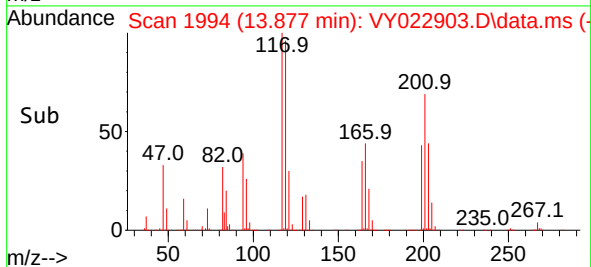
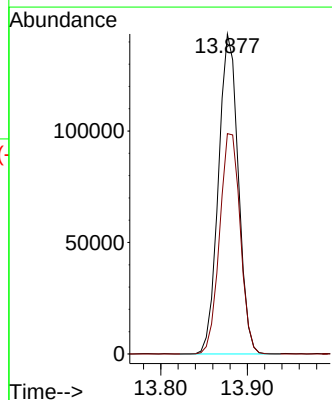
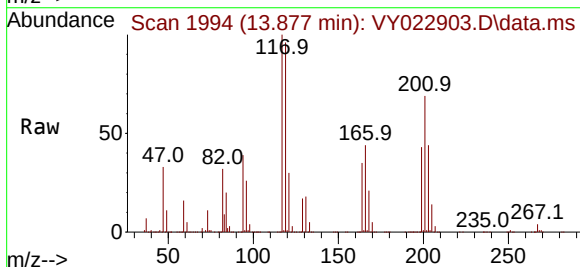
Delta R.T. -0.006 min

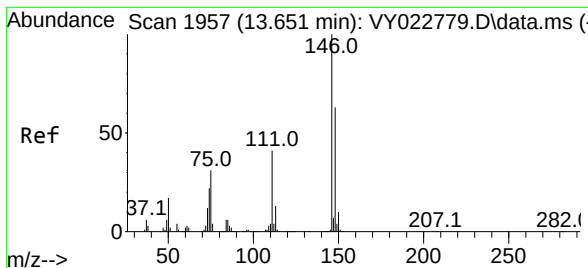
Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Tgt Ion: 117 Resp: 228866

Ion	Ratio	Lower	Upper
117	100		
201	71.4	34.0	102.0

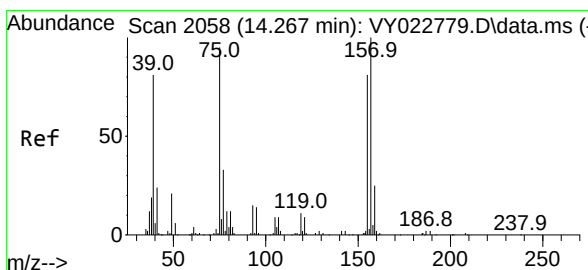
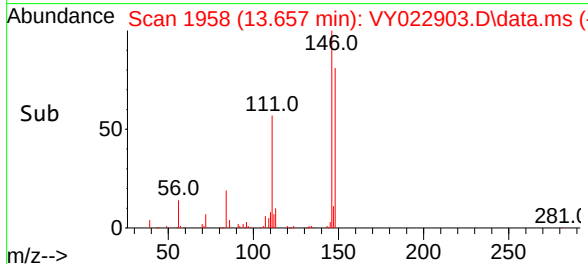
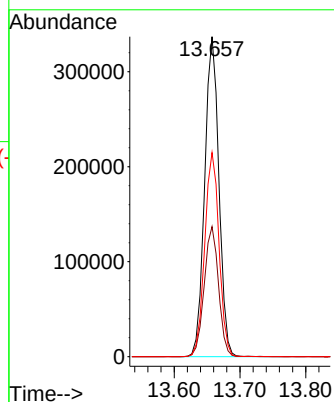
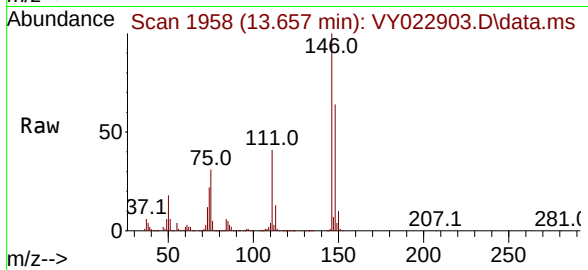




#91
1,2-Dichlorobenzene
Concen: 53.145 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

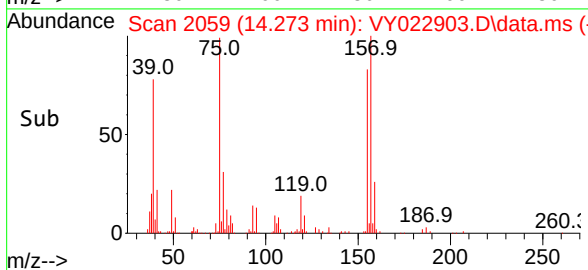
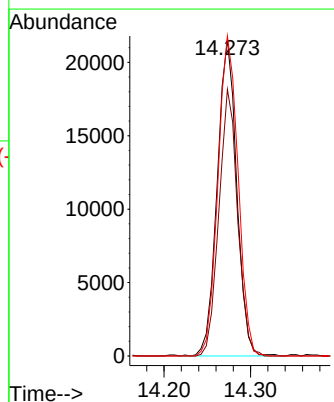
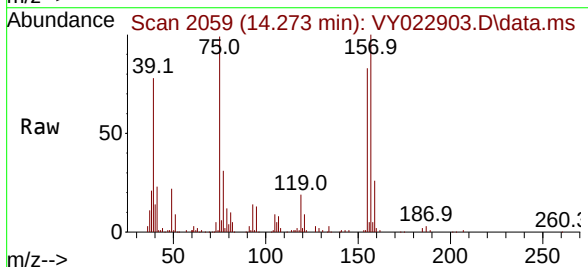
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

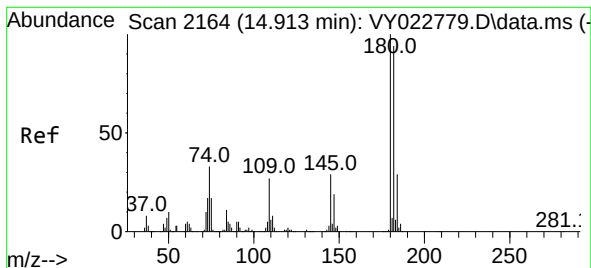
Tgt Ion:146 Resp: 506458
Ion Ratio Lower Upper
146 100
111 41.0 20.2 60.6
148 64.3 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.851 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022903.D
Acq: 02 Jul 2025 10:37

Tgt Ion: 75 Resp: 33664
Ion Ratio Lower Upper
75 100
155 80.9 39.9 119.6
157 104.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 52.504 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

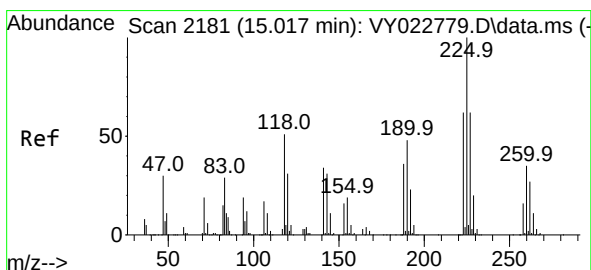
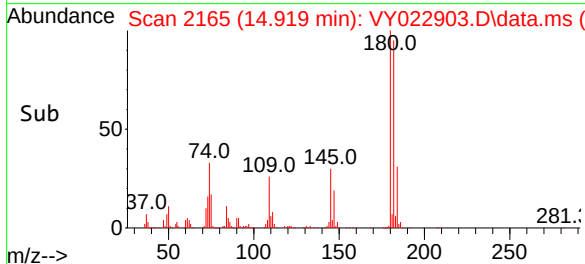
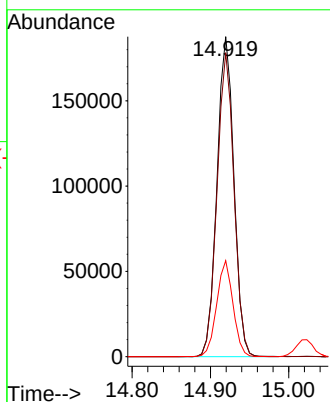
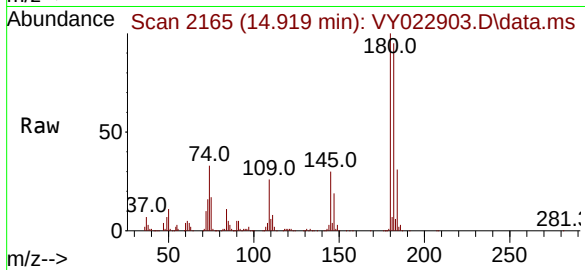
Tgt Ion:180 Resp: 282495

Ion Ratio Lower Upper

180 100

182 95.1 48.4 145.3

145 29.0 15.5 46.5



#94

Hexachlorobutadiene

Concen: 50.846 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

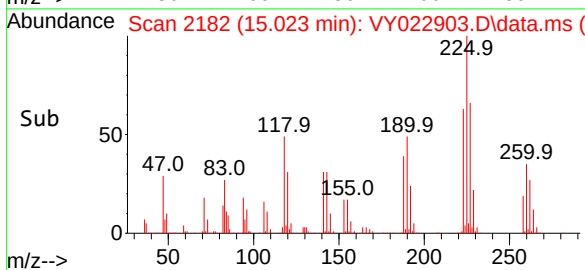
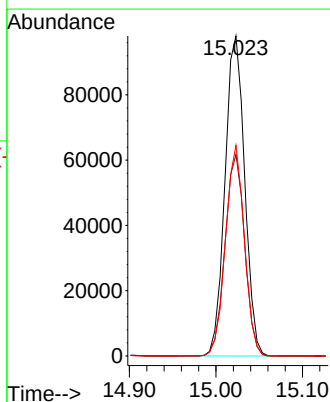
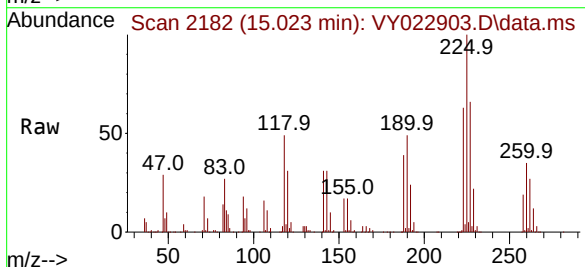
Tgt Ion:225 Resp: 154702

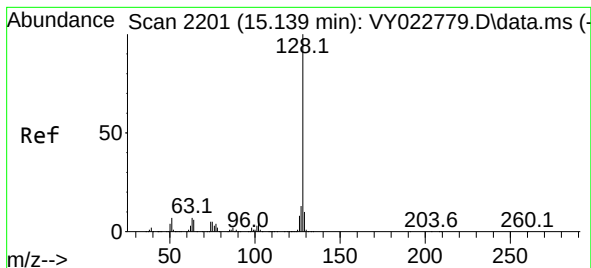
Ion Ratio Lower Upper

225 100

223 62.6 32.5 97.4

227 63.1 32.3 96.9





#95

Naphthalene

Concen: 52.284 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

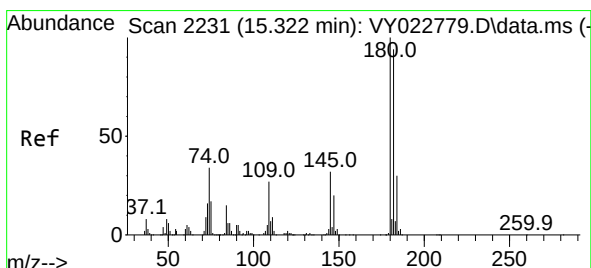
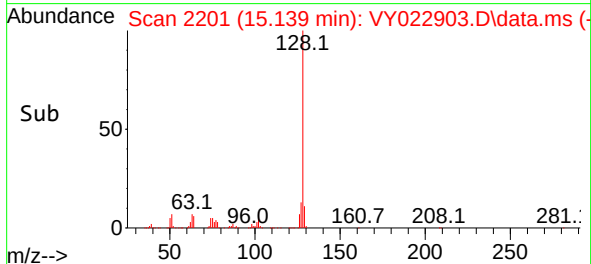
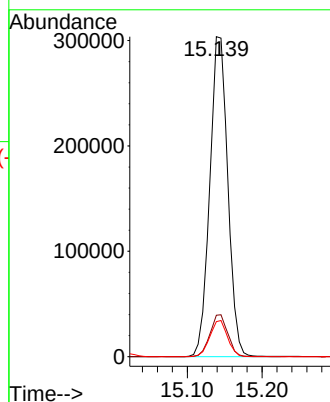
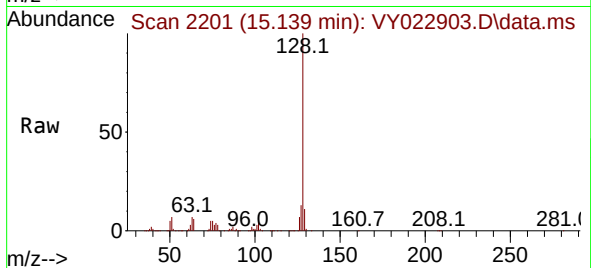
Tgt Ion:128 Resp: 508722

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.355 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022903.D

Acq: 02 Jul 2025 10:37

Tgt Ion:180 Resp: 234121

Ion Ratio Lower Upper

180 100

182 96.7 47.1 141.3

145 31.8 15.2 45.6

