

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023702.D
 Acq On : 06 Nov 2025 15:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 07 04:17:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	549955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	823659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	730032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	372662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	229754	48.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.960%
35) Dibromofluoromethane	7.634	113	249689	48.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.020%
50) Toluene-d8	10.103	98	955270	49.821	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.402	95	314786	50.766	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	150135	41.588	ug/l	100
3) Chloromethane	2.074	50	232351	45.994	ug/l	100
4) Vinyl Chloride	2.208	62	294054	44.733	ug/l	99
5) Bromomethane	2.598	94	235552	42.599	ug/l	100
6) Chloroethane	2.739	64	209243	46.055	ug/l	98
7) Trichlorofluoromethane	3.062	101	425845	45.997	ug/l	99
8) Diethyl Ether	3.458	74	123006	49.545	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	243360	47.710	ug/l	99
10) Methyl Iodide	4.007	142	303740	50.427	ug/l	100
11) Tert butyl alcohol	4.854	59	71358	235.902	ug/l	96
12) 1,1-Dichloroethene	3.793	96	237769	48.390	ug/l	99
13) Acrolein	3.653	56	75606	194.462	ug/l	100
14) Allyl chloride	4.385	41	313415	52.403	ug/l	97
15) Acrylonitrile	5.061	53	251751	265.339	ug/l	99
16) Acetone	3.866	43	270668	232.117	ug/l	95
17) Carbon Disulfide	4.110	76	731426	48.500	ug/l	99
18) Methyl Acetate	4.385	43	117204	45.569	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	592757	52.025	ug/l	100
20) Methylene Chloride	4.622	84	288349	51.223	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	273049	49.285	ug/l	93
22) Diisopropyl ether	6.025	45	723772	54.310	ug/l	98
23) Vinyl Acetate	5.964	43	1994360	280.433	ug/l	99
24) 1,1-Dichloroethane	5.921	63	448782	50.549	ug/l	99
25) 2-Butanone	6.896	43	331213	245.669	ug/l	97
26) 2,2-Dichloropropane	6.890	77	396680	48.573	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	318198	50.288	ug/l	98
28) Bromochloromethane	7.250	49	173662	51.086	ug/l	97
29) Tetrahydrofuran	7.262	42	195629	272.459	ug/l	97
30) Chloroform	7.421	83	496218	50.094	ug/l	99
31) Cyclohexane	7.701	56	387160	50.075	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	441022	49.814	ug/l	99
36) 1,1-Dichloropropene	7.835	75	345146	50.180	ug/l	99
37) Ethyl Acetate	6.982	43	142239	53.420	ug/l	98
38) Carbon Tetrachloride	7.823	117	399848	49.339	ug/l	97
39) Methylcyclohexane	9.109	83	449193	51.112	ug/l	97
40) Benzene	8.079	78	1087832	50.176	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	78358	53.913	ug/l	95
42) 1,2-Dichloroethane	8.158	62	273648	49.890	ug/l	100
43) Isopropyl Acetate	8.201	43	265729	53.115	ug/l	99
44) Trichloroethene	8.866	130	301303	48.386	ug/l	99
45) 1,2-Dichloropropane	9.140	63	244696	51.139	ug/l	100
46) Dibromomethane	9.231	93	148404	50.056	ug/l	98
47) Bromodichloromethane	9.420	83	379383	50.755	ug/l	97
48) Methyl methacrylate	9.219	41	126668	53.589	ug/l	99
49) 1,4-Dioxane	9.231	88	32155	1059.791	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	708526	266.305	ug/l	100
52) Toluene	10.170	92	717437	51.832	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	330274	52.219	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	391784	51.702	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	200645	50.642	ug/l	99
56) Ethyl methacrylate	10.438	69	243670	55.819	ug/l	99
57) 1,3-Dichloropropane	10.719	76	322852	51.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	547645	273.390	ug/l	98
59) 2-Hexanone	10.762	43	502304	258.774	ug/l	99
60) Dibromochloromethane	10.914	129	273169	50.179	ug/l	100
61) 1,2-Dibromoethane	11.012	107	187326	50.379	ug/l	99
64) Tetrachloroethene	10.646	164	369236	48.593	ug/l	99
65) Chlorobenzene	11.438	112	772025	48.577	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	274989	48.932	ug/l	99
67) Ethyl Benzene	11.518	91	1328475	51.648	ug/l	98
68) m/p-Xylenes	11.627	106	1053184	102.481	ug/l	98
69) o-Xylene	11.950	106	495556	52.165	ug/l	98
70) Styrene	11.969	104	828151	52.835	ug/l	99
71) Bromoform	12.133	173	164691	50.177	ug/l #	99
73) Isopropylbenzene	12.255	105	1285108	51.560	ug/l	99
74) N-amyl acetate	12.066	43	224364	53.169	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	198755	49.929	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	270686	89.750	ug/l #	100
77) Bromobenzene	12.530	156	320580	49.586	ug/l	97
78) n-propylbenzene	12.591	91	1521076	51.883	ug/l	99
79) 2-Chlorotoluene	12.676	91	875514	51.463	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1052552	51.976	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	66189	49.597	ug/l	99
82) 4-Chlorotoluene	12.773	91	886815	50.545	ug/l	99
83) tert-Butylbenzene	12.993	119	954002	51.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1046344	52.167	ug/l	100
85) sec-Butylbenzene	13.176	105	1358711	51.075	ug/l	100
86) p-Isopropyltoluene	13.292	119	1160313	51.523	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	618569	48.611	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	593431	47.476	ug/l	99
89) n-Butylbenzene	13.615	91	1005248	51.333	ug/l	99
90) Hexachloroethane	13.877	117	236134	48.792	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	536121	48.889	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29098	47.475	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	303644	48.409	ug/l	99
94) Hexachlorobutadiene	15.023	225	190511	46.355	ug/l	99
95) Naphthalene	15.145	128	482347	44.619	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	258242	49.277	ug/l	100

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QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

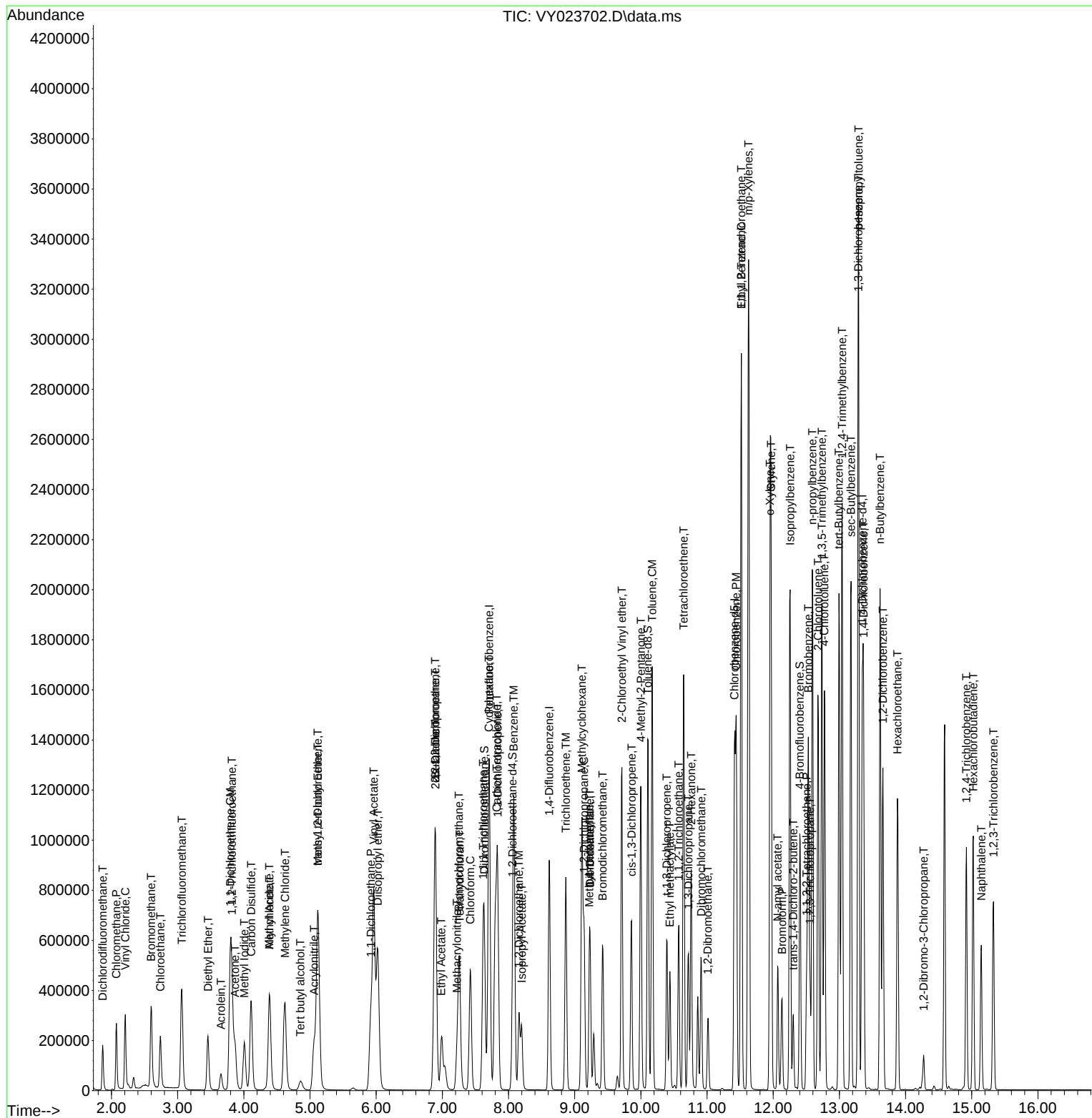
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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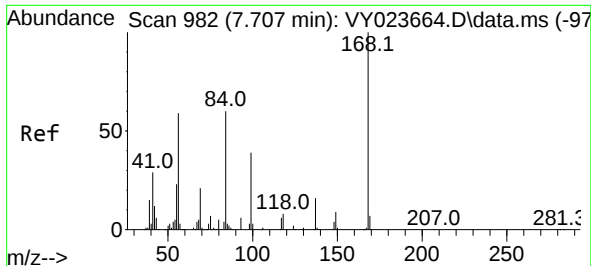
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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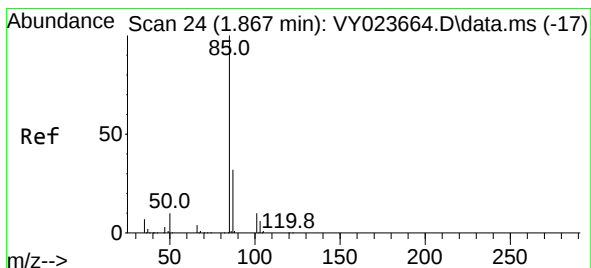
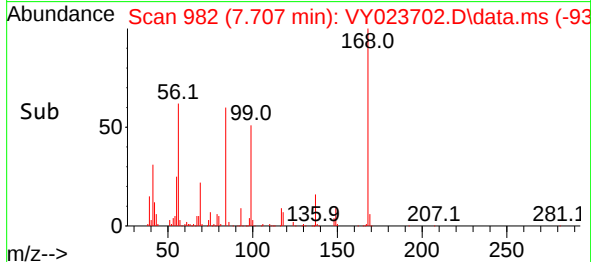
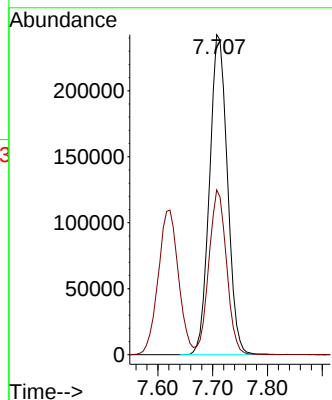
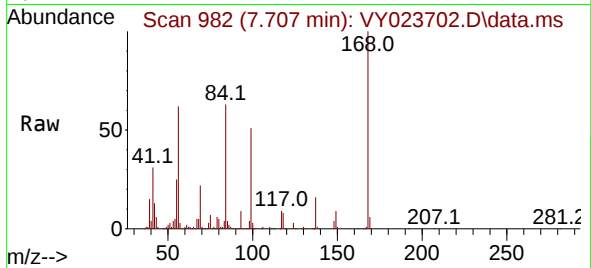




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023702.D
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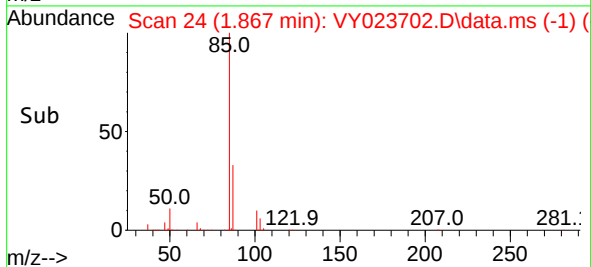
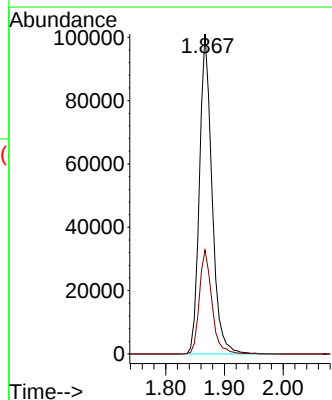
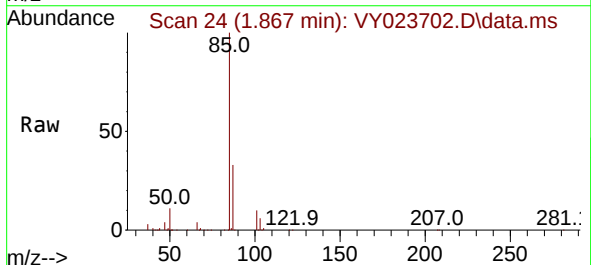
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

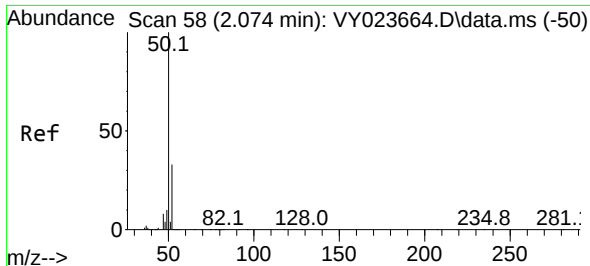
Tgt Ion:168 Resp: 549955
Ion Ratio Lower Upper
168 100
99 51.4 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 41.588 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 85 Resp: 150135
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6

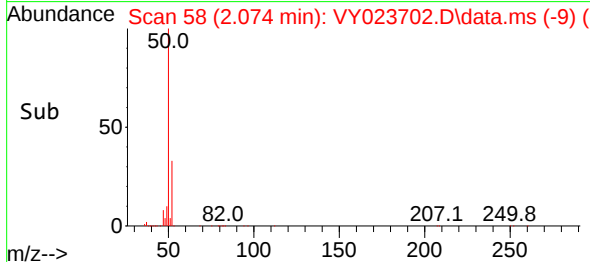
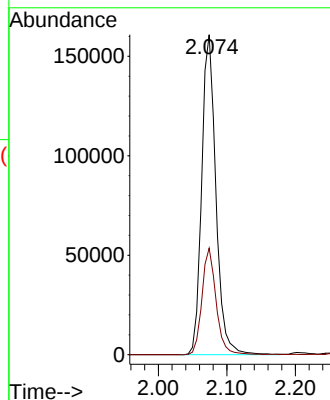
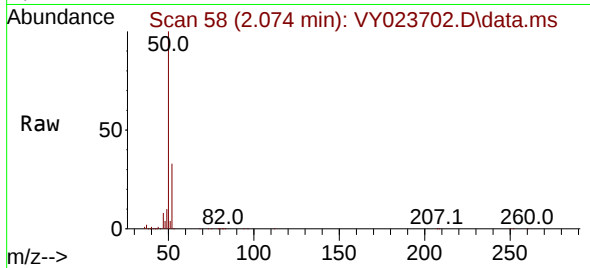




#3
Chloromethane
Concen: 45.994 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

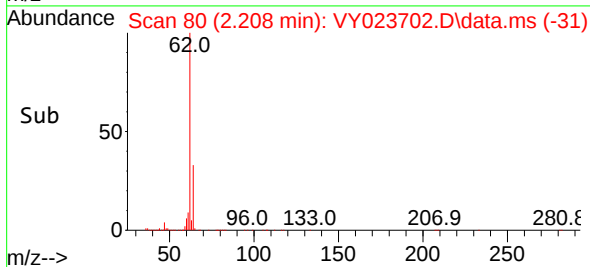
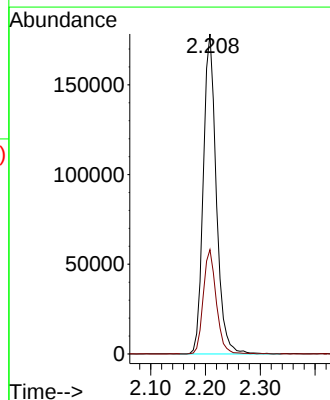
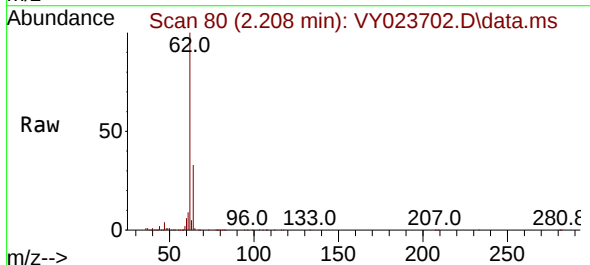
Instrument :
MSVOA_Y
ClientSampleId :
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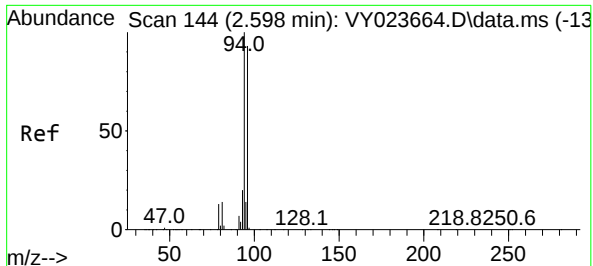
Tgt Ion: 50 Resp: 232351
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7



#4
Vinyl Chloride
Concen: 44.733 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 62 Resp: 294054
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5

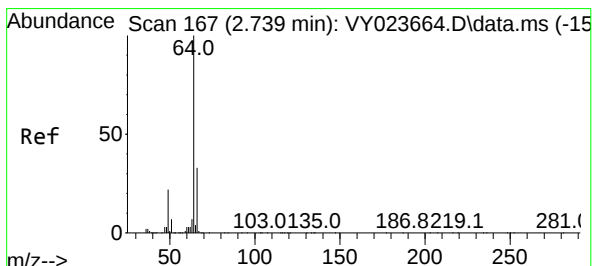
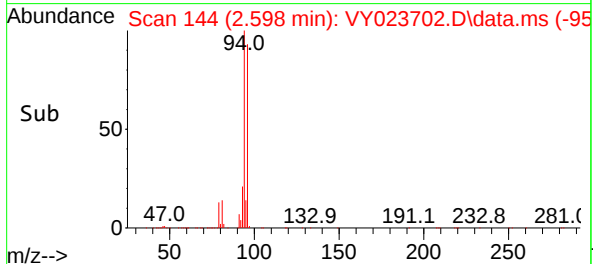
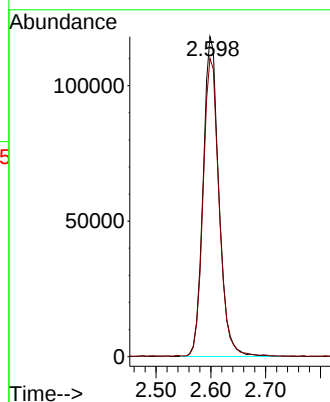
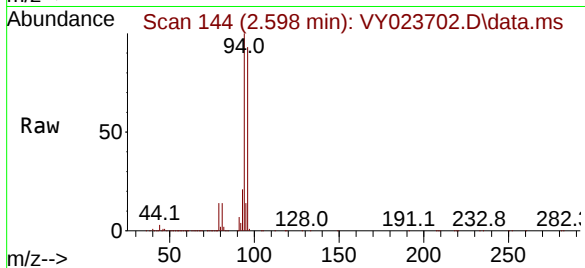




#5
Bromomethane
Concen: 42.599 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

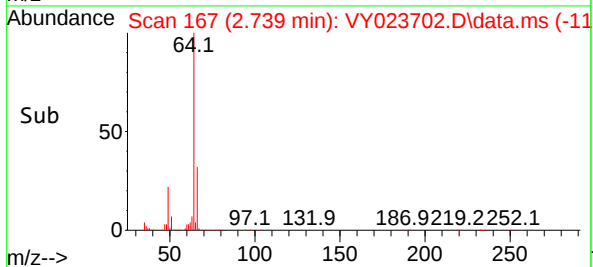
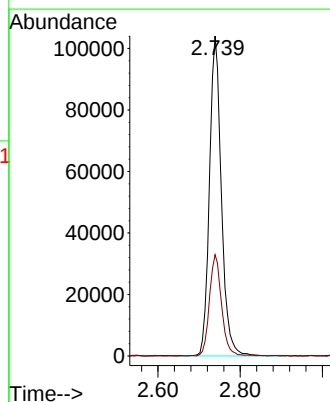
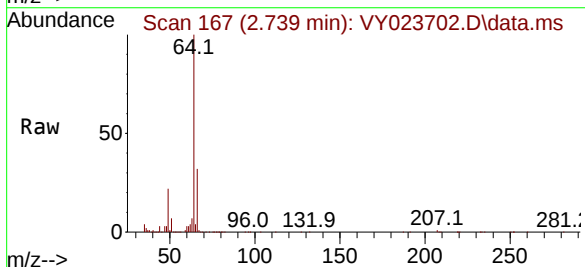
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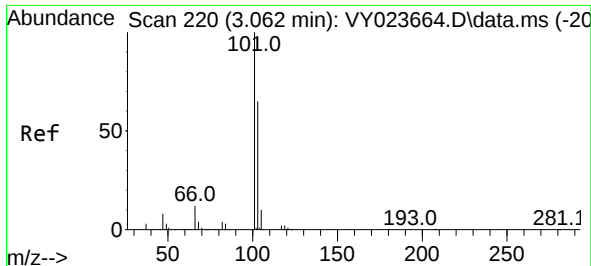
Tgt Ion: 94 Resp: 235552
Ion Ratio Lower Upper
94 100
96 93.1 74.4 111.6



#6
Chloroethane
Concen: 46.055 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 64 Resp: 209243
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.4

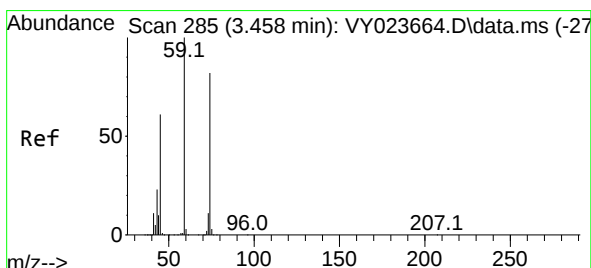
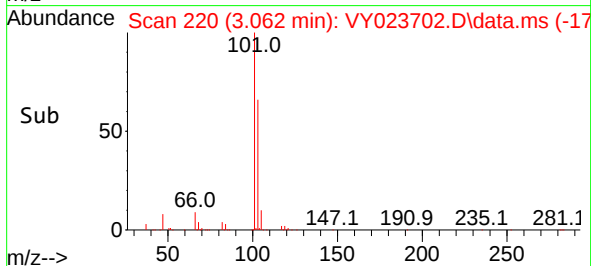
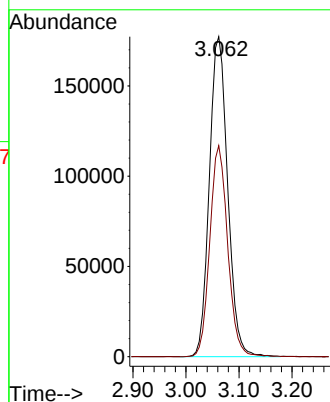
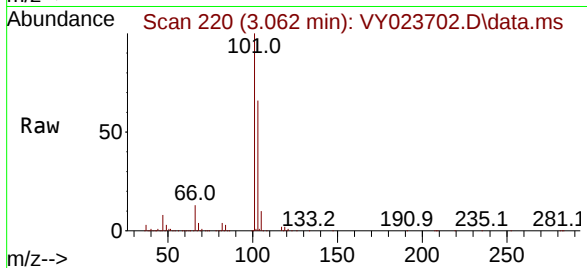




#7
Trichlorofluoromethane
Concen: 45.997 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

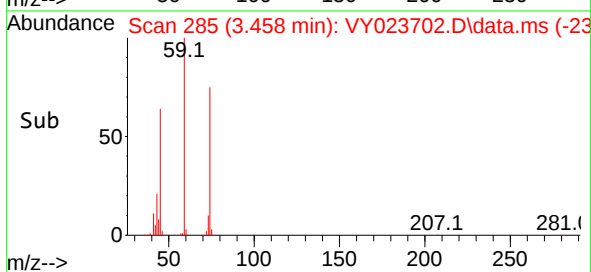
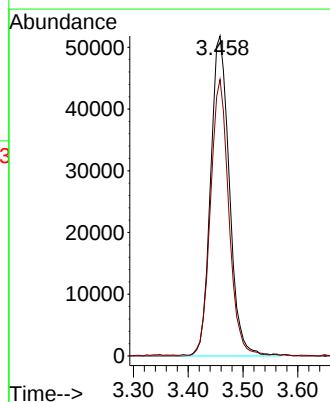
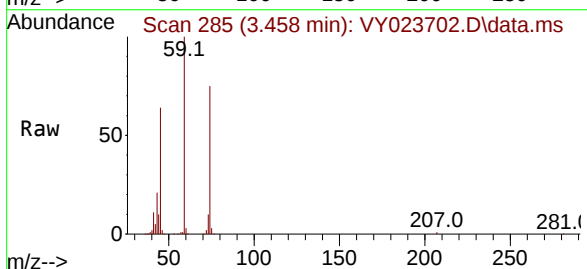
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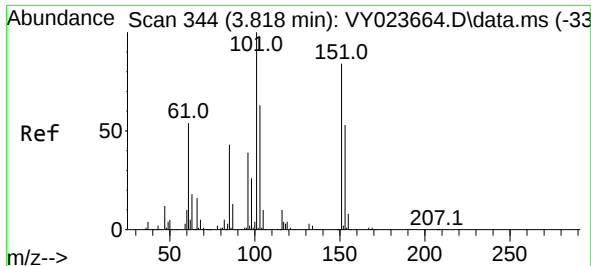
Tgt Ion:101 Resp: 425845
Ion Ratio Lower Upper
101 100
103 66.0 52.1 78.1



#8
Diethyl Ether
Concen: 49.545 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 123006
Ion Ratio Lower Upper
74 100
45 83.9 40.6 121.7

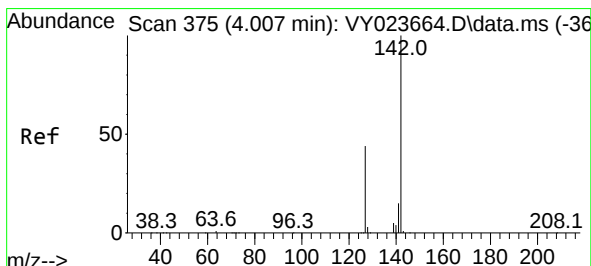
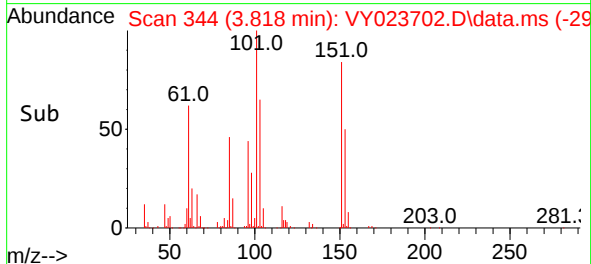
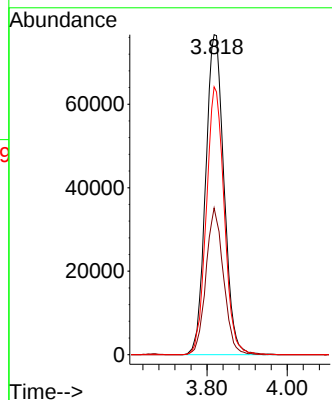
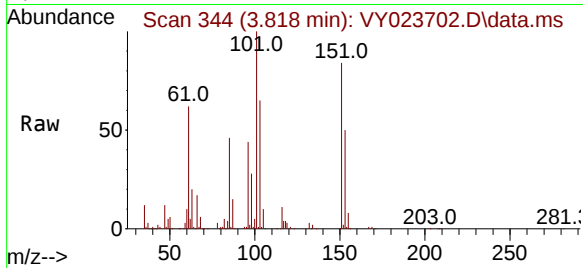




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.710 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

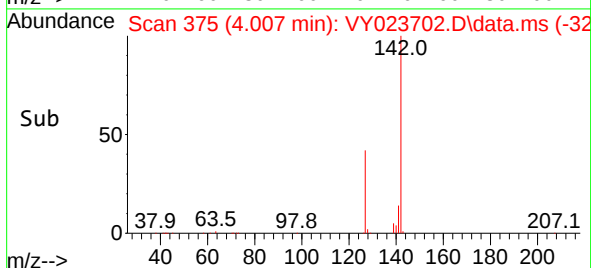
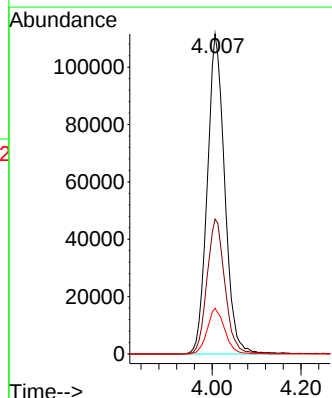
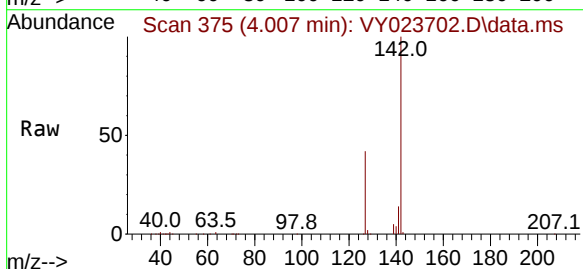
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

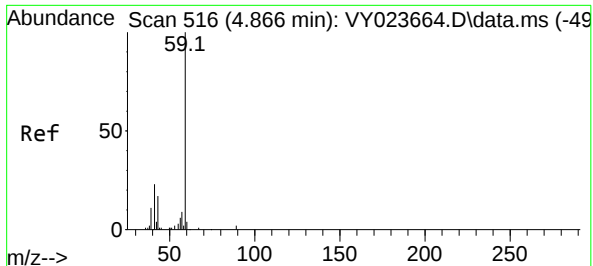
Tgt Ion:101 Resp: 243360
Ion Ratio Lower Upper
101 100
85 43.8 34.4 51.6
151 81.7 65.6 98.4



#10
Methyl Iodide
Concen: 50.427 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion:142 Resp: 303740
Ion Ratio Lower Upper
142 100
127 43.5 34.6 51.8
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 235.902 ug/l

RT: 4.854 min Scan# 516

Delta R.T. -0.012 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

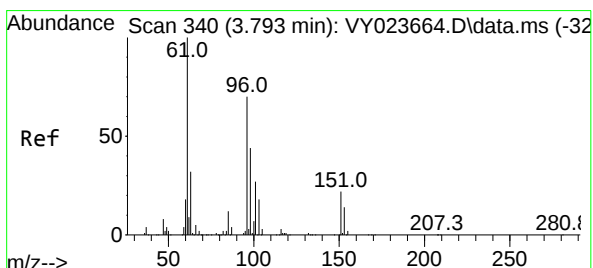
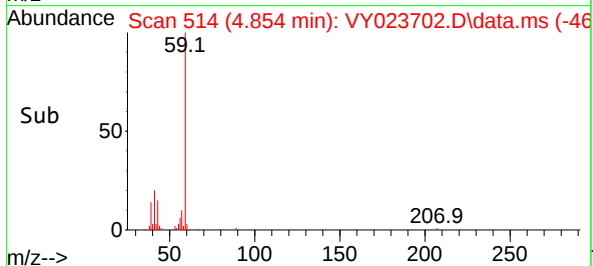
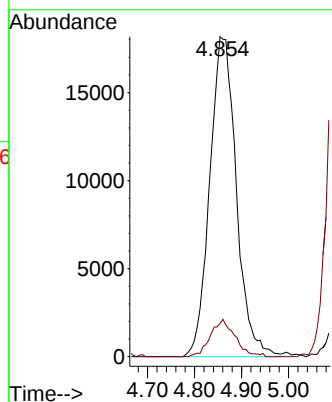
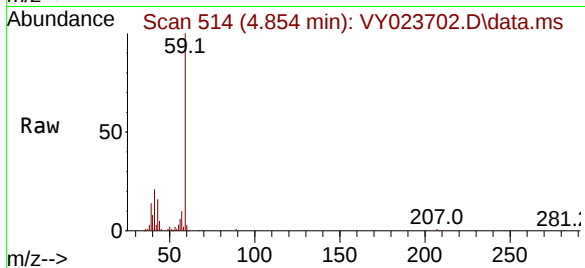
VSTDCCC050EC

Tgt Ion: 59 Resp: 71358

Ion Ratio Lower Upper

59 100

57 10.8 7.4 11.2



#12

1,1-Dichloroethene

Concen: 48.390 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

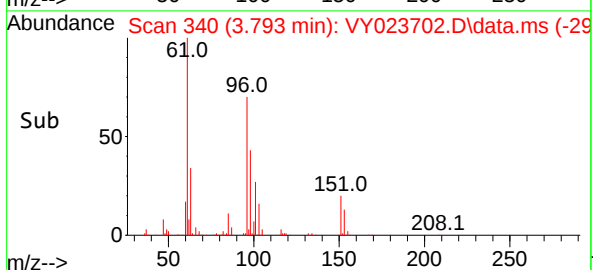
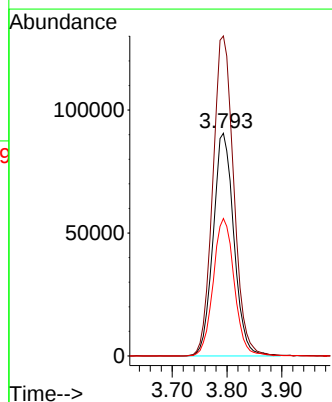
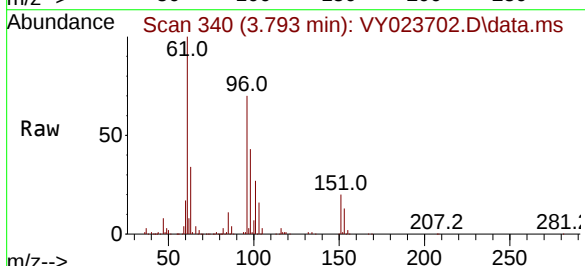
Tgt Ion: 96 Resp: 237769

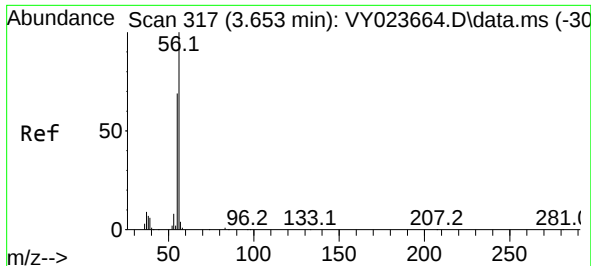
Ion Ratio Lower Upper

96 100

61 143.7 114.0 171.0

98 61.7 50.2 75.2

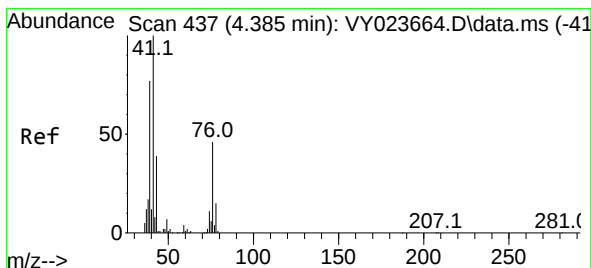
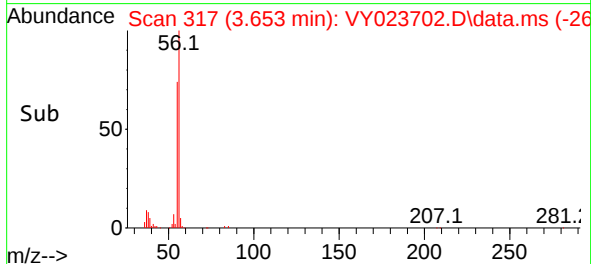
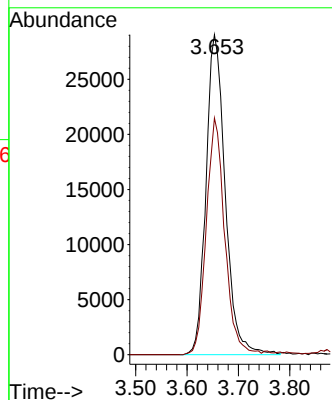
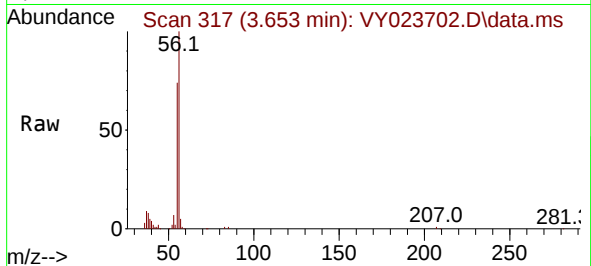




#13
Acrolein
Concen: 194.462 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

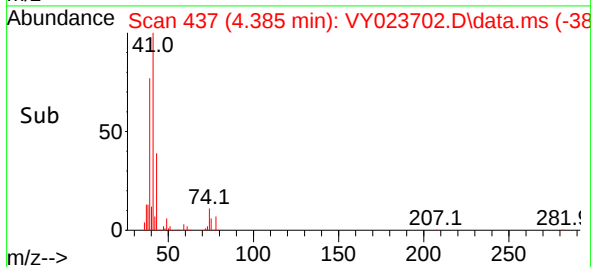
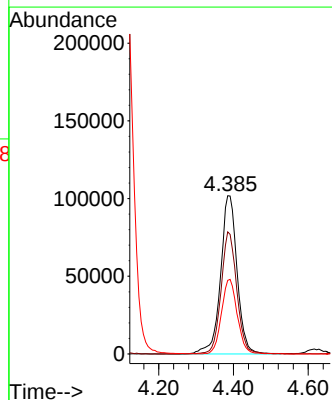
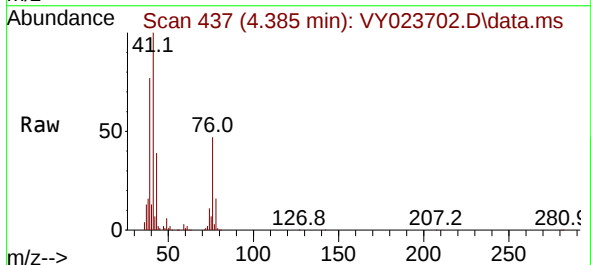
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

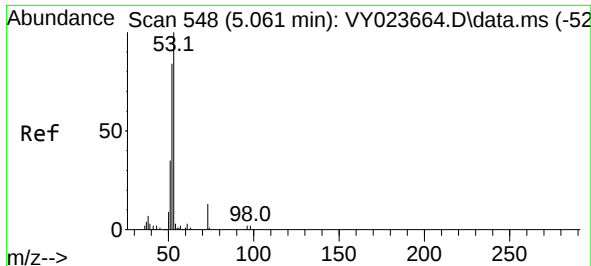
Tgt Ion: 56 Resp: 75606
Ion Ratio Lower Upper
56 100
55 70.5 56.6 84.8



#14
Allyl chloride
Concen: 52.403 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 41 Resp: 313415
Ion Ratio Lower Upper
41 100
39 73.4 60.4 90.6
76 44.4 38.0 57.0

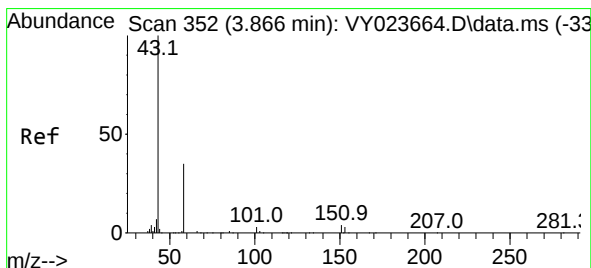
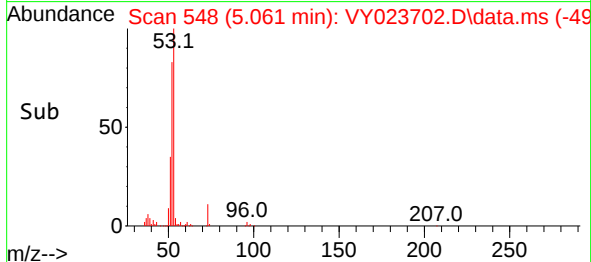
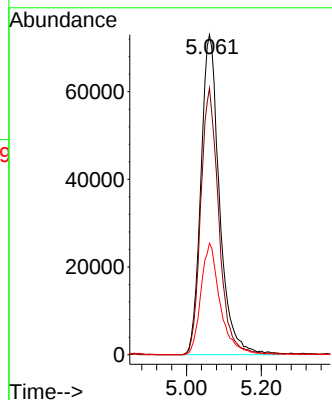
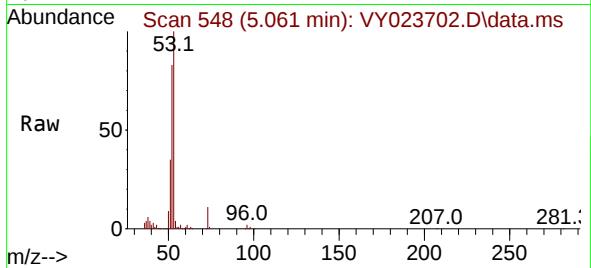




#15
Acrylonitrile
Concen: 265.339 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

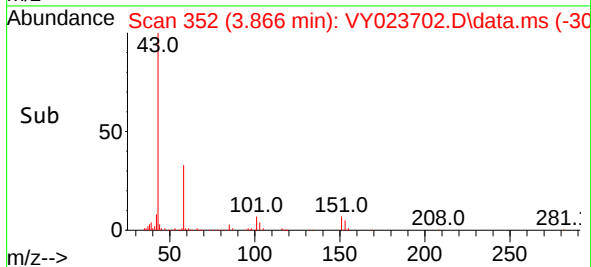
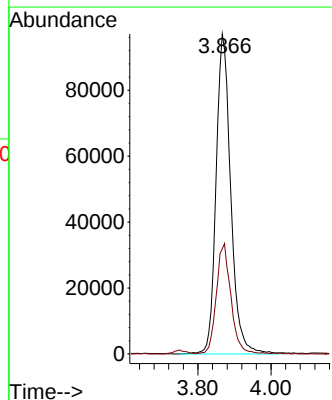
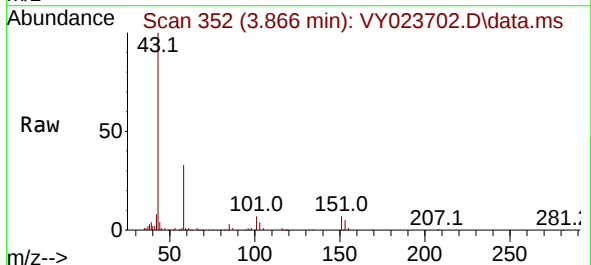
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

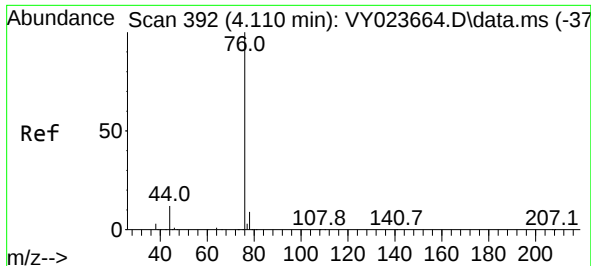
Tgt Ion: 53 Resp: 251751
Ion Ratio Lower Upper
53 100
52 80.8 64.9 97.3
51 36.0 29.4 44.0



#16
Acetone
Concen: 232.117 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 43 Resp: 270668
Ion Ratio Lower Upper
43 100
58 32.6 28.2 42.4

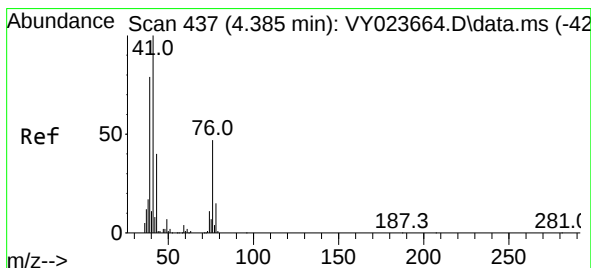
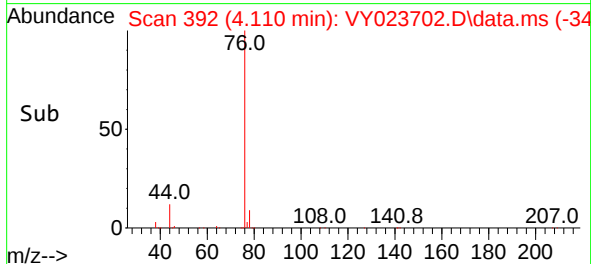
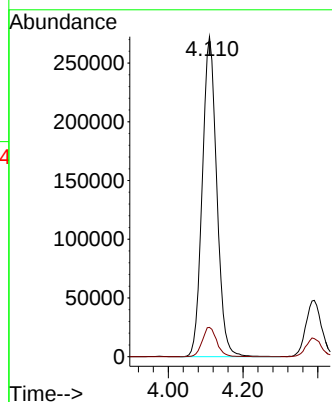
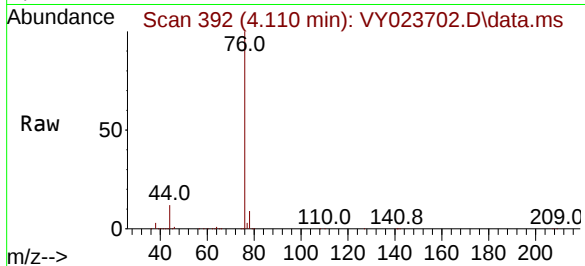




#17
Carbon Disulfide
Concen: 48.500 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

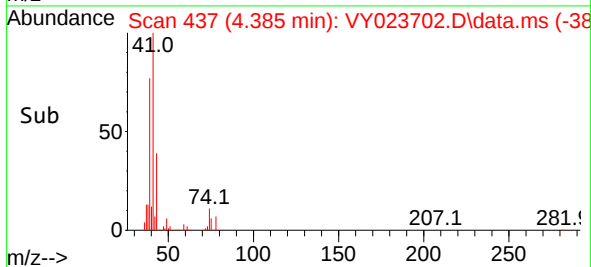
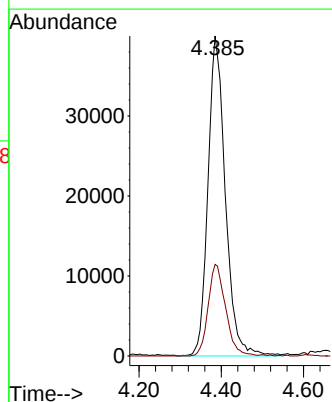
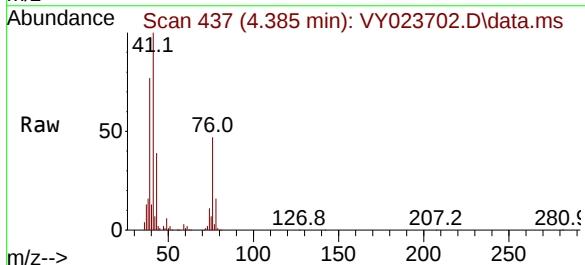
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

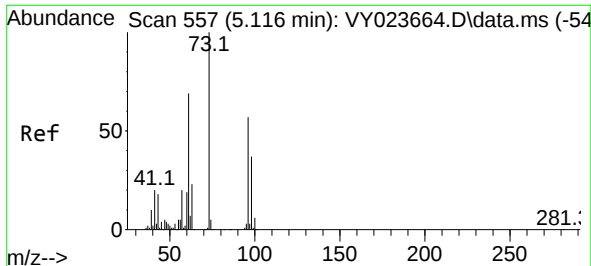
Tgt Ion: 76 Resp: 731426
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 45.569 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 43 Resp: 117204
Ion Ratio Lower Upper
43 100
74 28.7 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 52.025 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

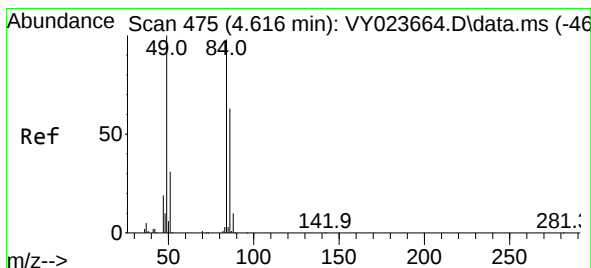
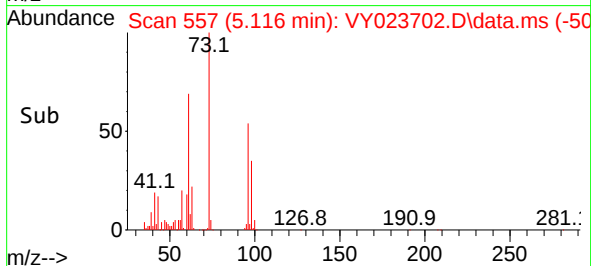
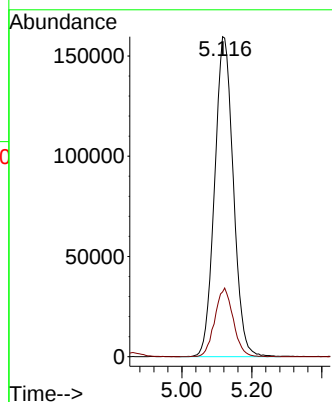
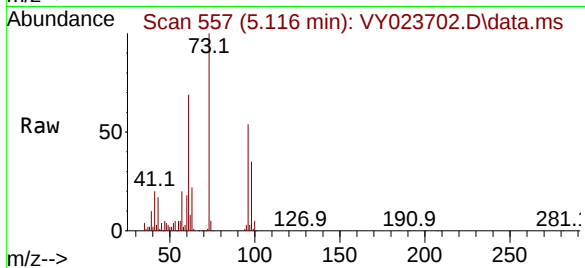
VSTDCCC050EC

Tgt Ion: 73 Resp: 592757

Ion Ratio Lower Upper

73 100

57 20.3 16.1 24.1



#20

Methylene Chloride

Concen: 51.223 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Tgt Ion: 84 Resp: 288349

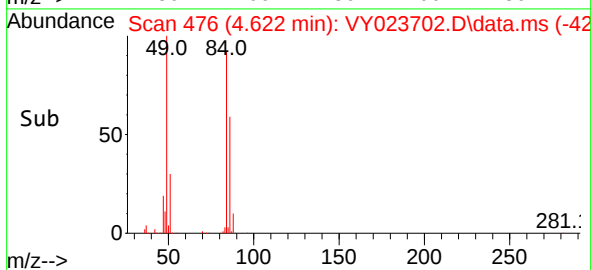
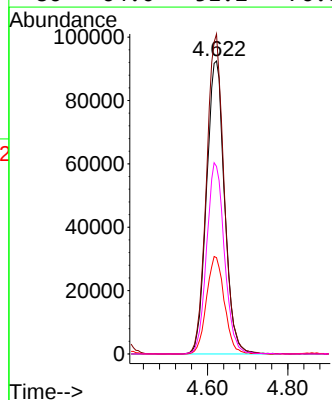
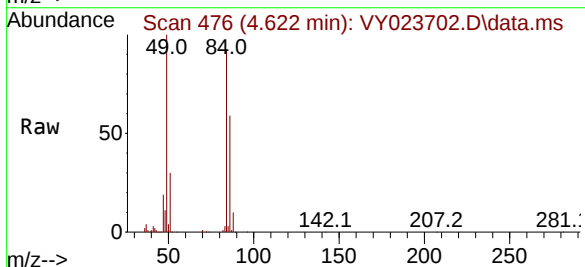
Ion Ratio Lower Upper

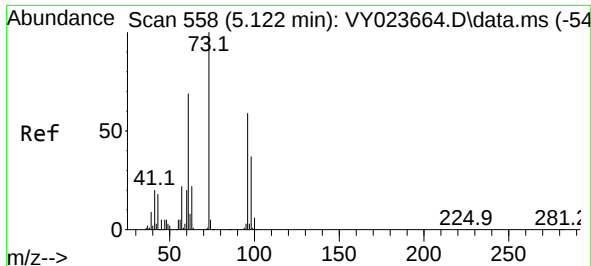
84 100

49 109.2 81.5 122.3

51 32.9 25.5 38.3

86 64.0 51.2 76.8

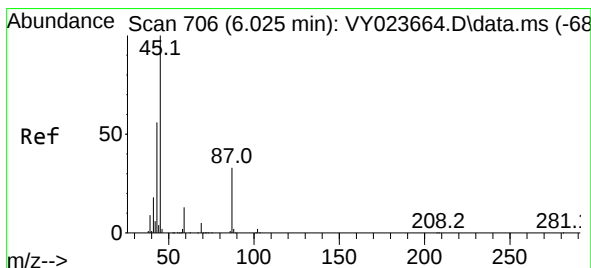
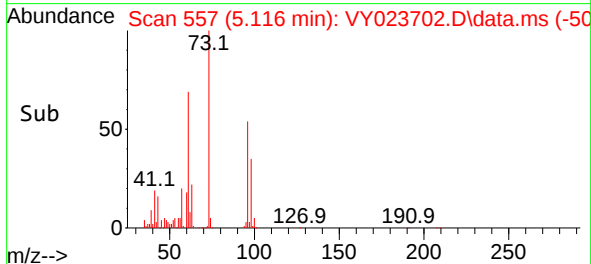
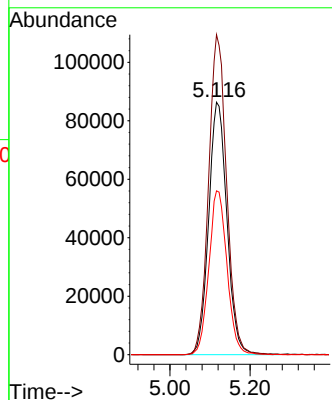
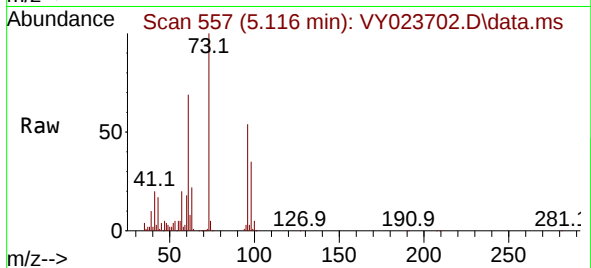




#21
trans-1,2-Dichloroethene
Concen: 49.285 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

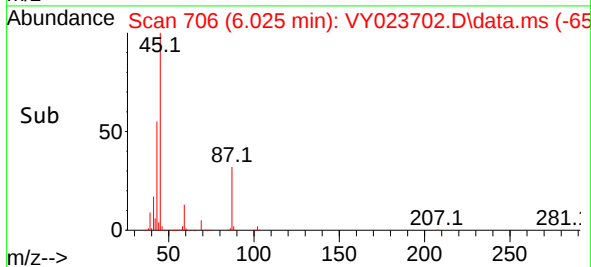
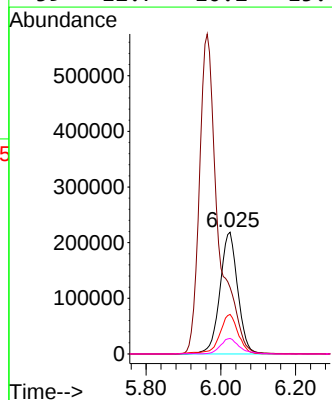
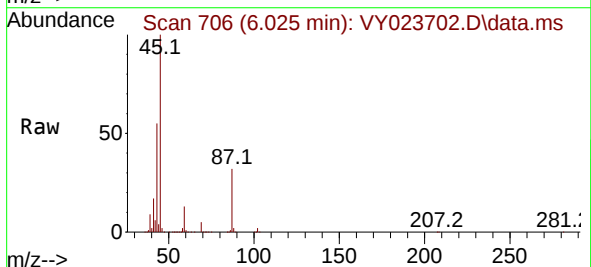
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

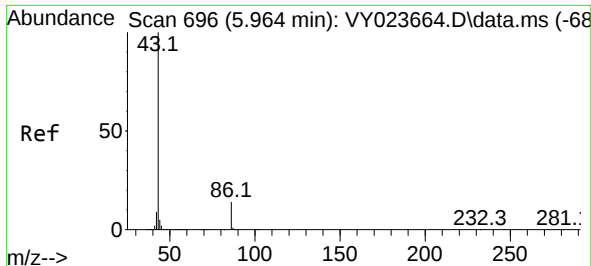
Tgt Ion: 96 Resp: 273049
Ion Ratio Lower Upper
96 100
61 126.7 93.3 139.9
98 64.9 50.6 75.8



#22
Diisopropyl ether
Concen: 54.310 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 45 Resp: 723772
Ion Ratio Lower Upper
45 100
43 54.5 44.7 67.1
87 32.4 27.2 40.8
59 12.7 10.2 15.4

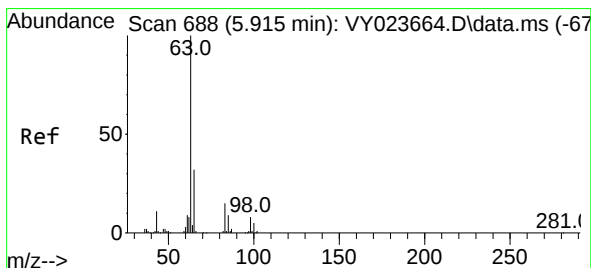
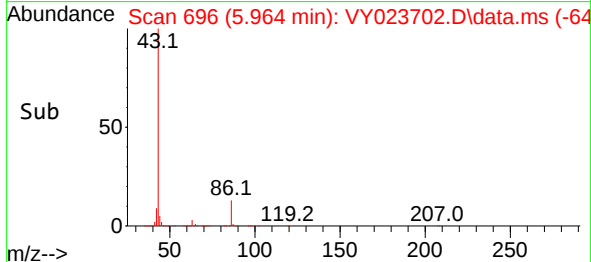
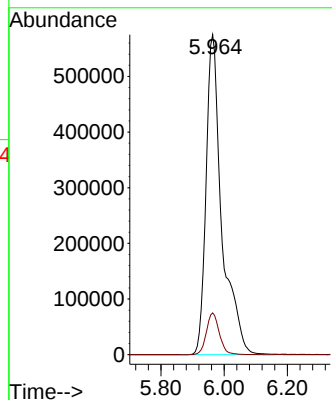
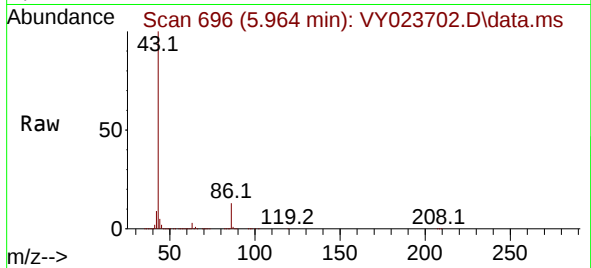




#23
 Vinyl Acetate
 Concen: 280.433 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023702.D
 Acq: 06 Nov 2025 15:40

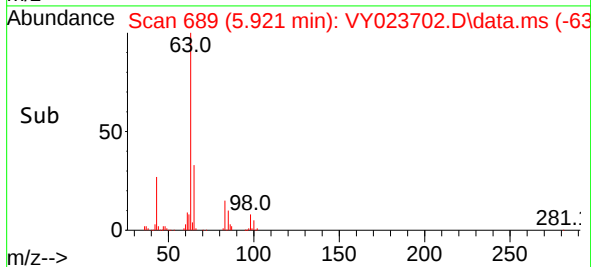
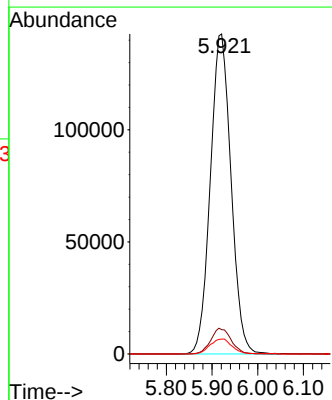
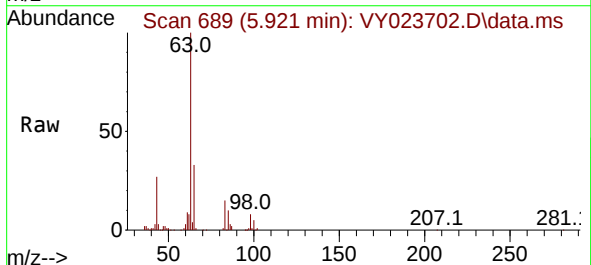
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

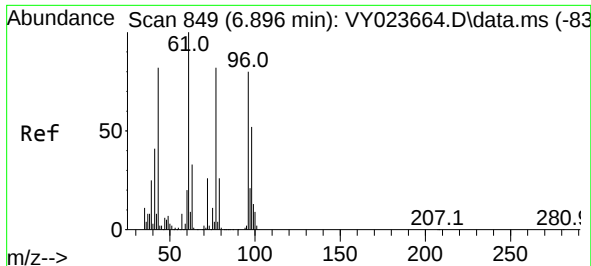
Tgt Ion: 43 Resp: 1994360
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 50.549 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023702.D
 Acq: 06 Nov 2025 15:40

Tgt Ion: 63 Resp: 448782
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 11.9
 100 4.7 2.6 7.8





#25

2-Butanone

Concen: 245.669 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

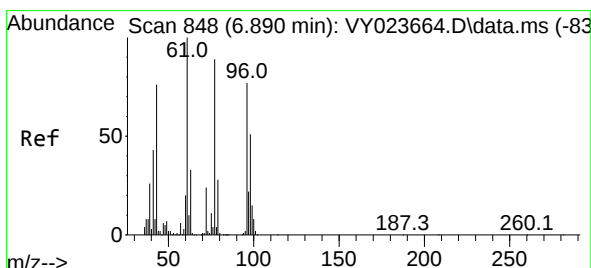
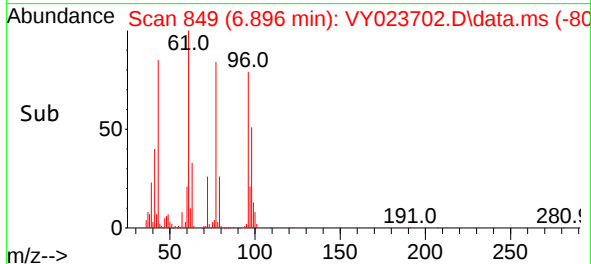
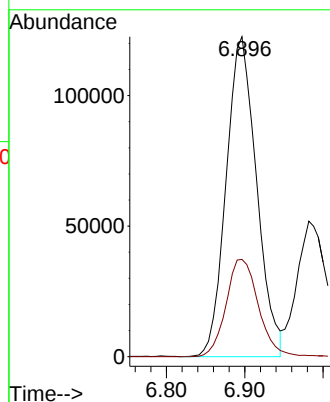
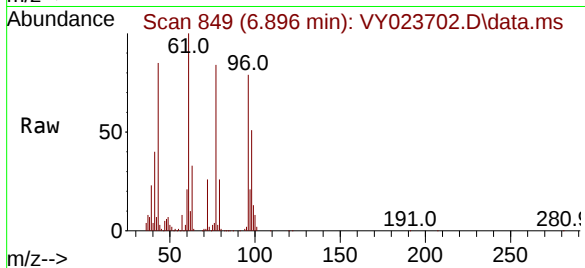
VSTDCCC050EC

Tgt Ion: 43 Resp: 331213

Ion Ratio Lower Upper

43 100

72 30.4 25.7 38.5



#26

2,2-Dichloropropane

Concen: 48.573 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023702.D

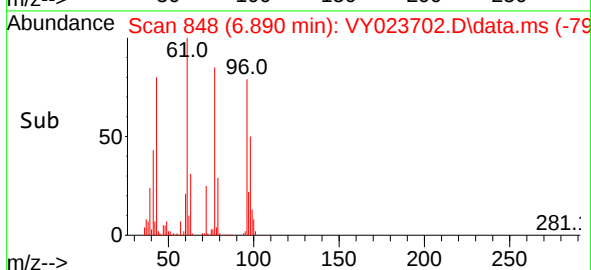
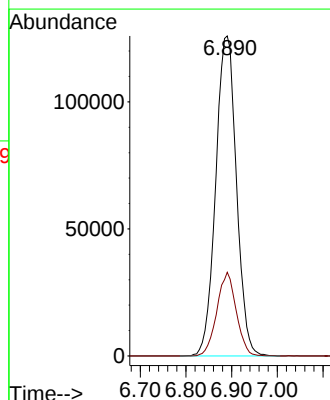
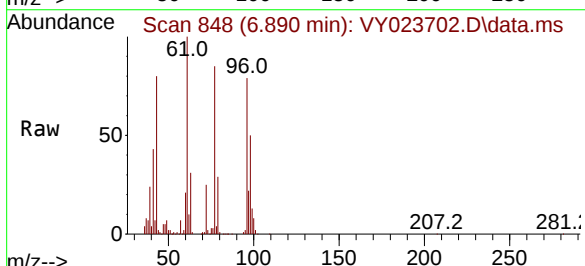
Acq: 06 Nov 2025 15:40

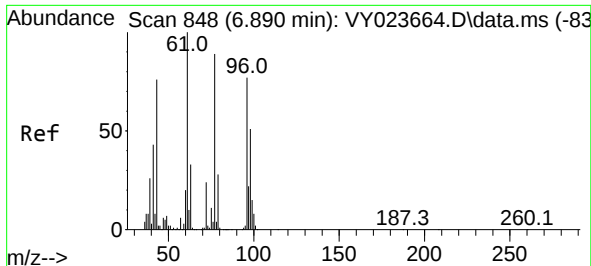
Tgt Ion: 77 Resp: 396680

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.288 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

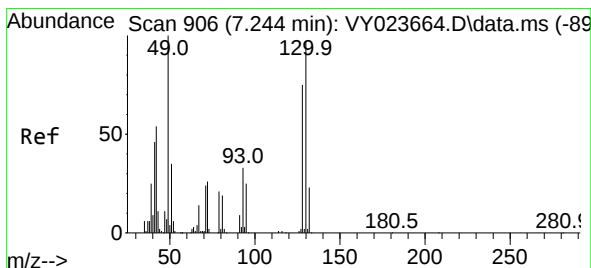
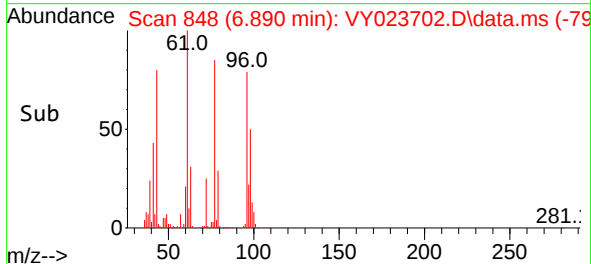
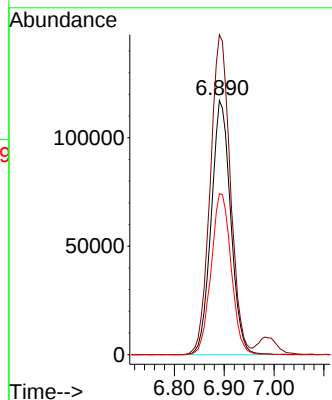
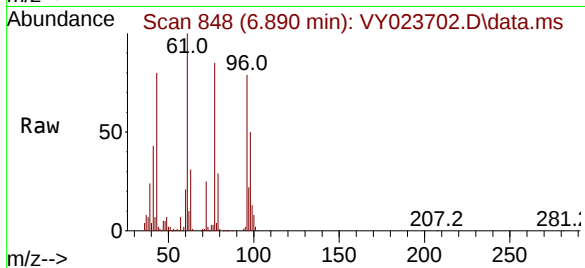
Tgt Ion: 96 Resp: 318198

Ion Ratio Lower Upper

96 100

61 130.0 0.0 255.0

98 65.2 0.0 129.8



#28

Bromochloromethane

Concen: 51.086 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

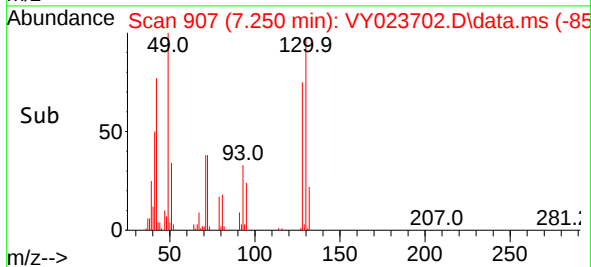
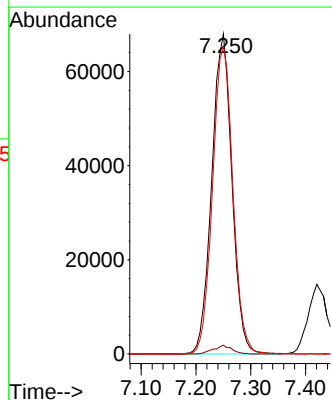
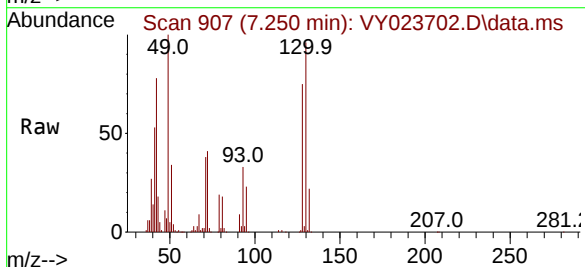
Tgt Ion: 49 Resp: 173662

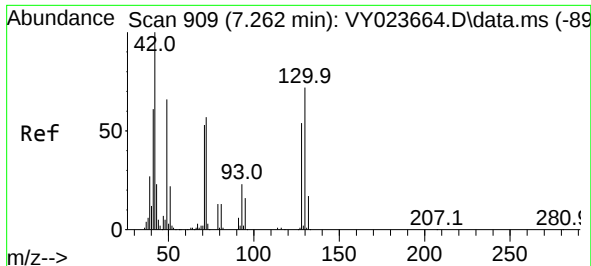
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 96.8 80.1 120.1





#29

Tetrahydrofuran

Concen: 272.459 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

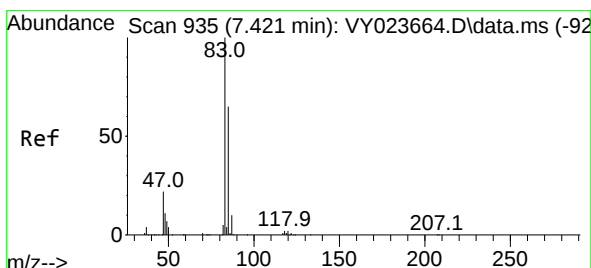
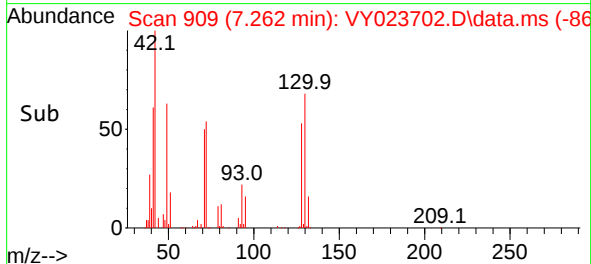
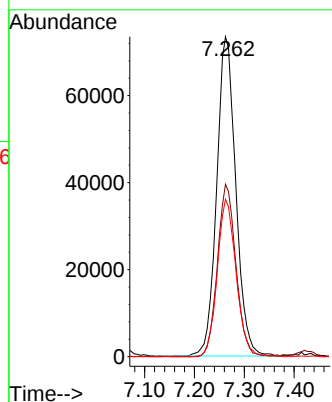
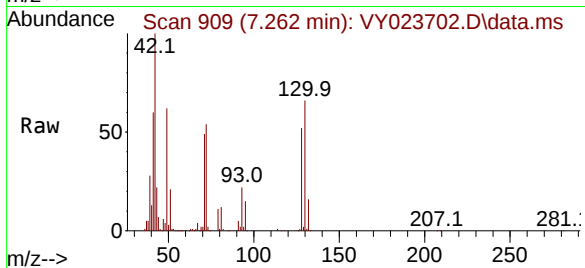
Tgt Ion: 42 Resp: 195629

Ion Ratio Lower Upper

42 100

72 52.3 43.4 65.2

71 48.4 40.7 61.1



#30

Chloroform

Concen: 50.094 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023702.D

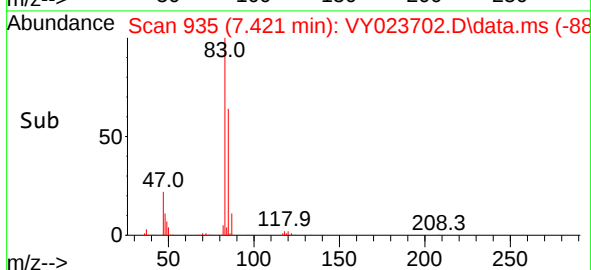
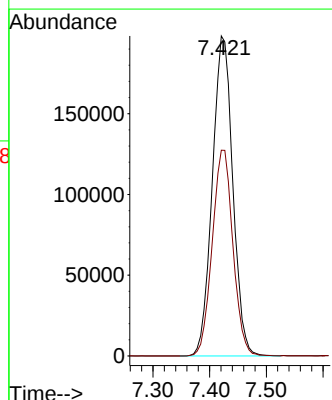
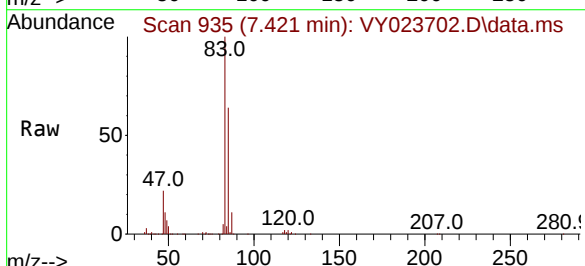
Acq: 06 Nov 2025 15:40

Tgt Ion: 83 Resp: 496218

Ion Ratio Lower Upper

83 100

85 64.3 52.1 78.1

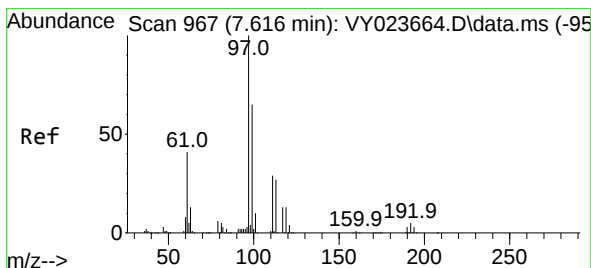
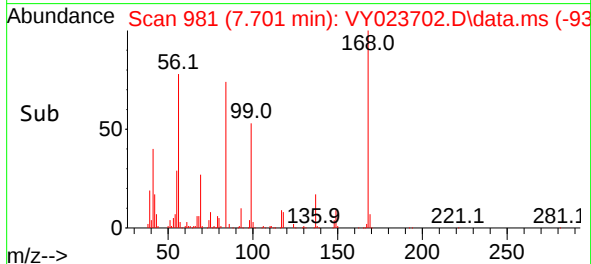
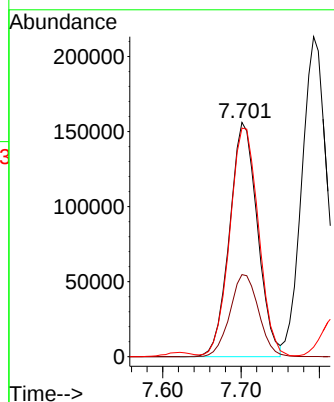
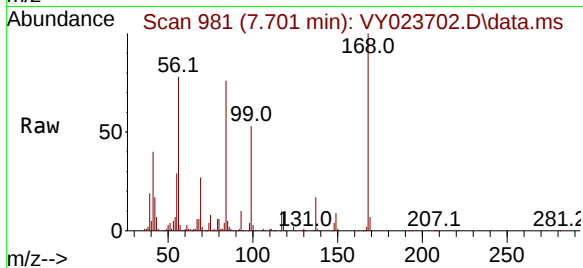




#31
Cyclohexane
Concen: 50.075 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

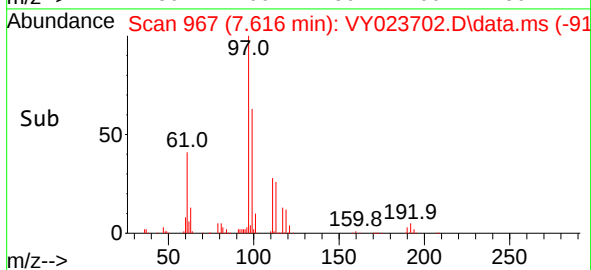
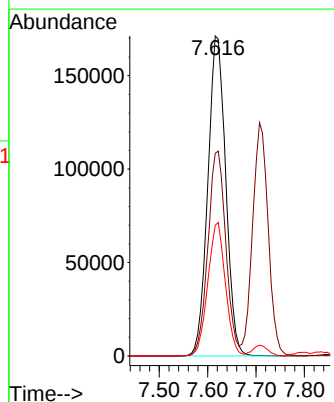
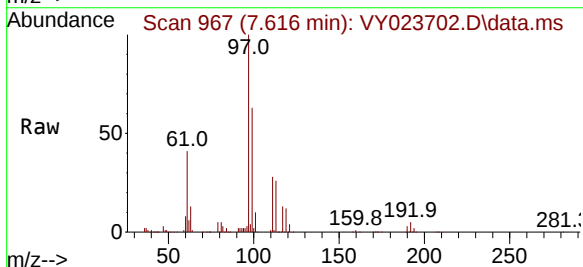
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

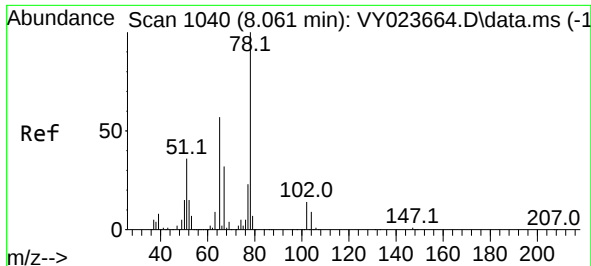
Tgt Ion: 56 Resp: 387160
Ion Ratio Lower Upper
56 100
69 35.0 30.5 45.7
84 95.8 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 49.814 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 97 Resp: 441022
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 41.0 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 48.976 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

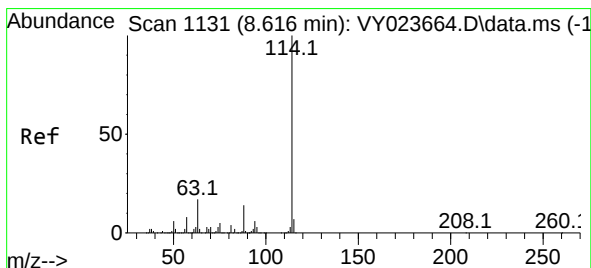
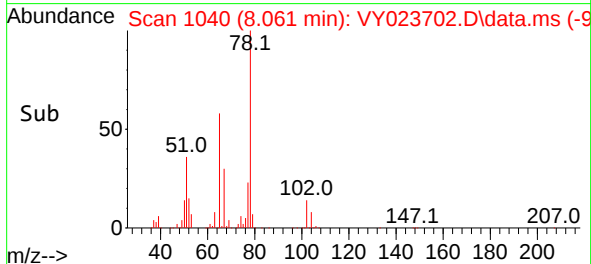
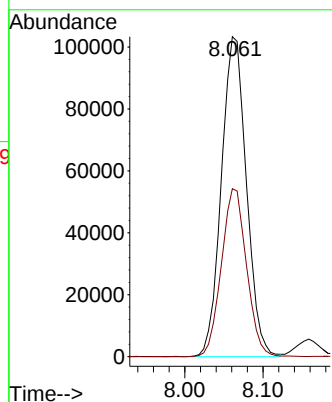
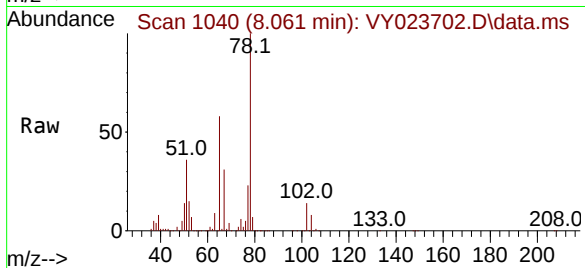
VSTDCCC050EC

Tgt Ion: 65 Resp: 229754

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

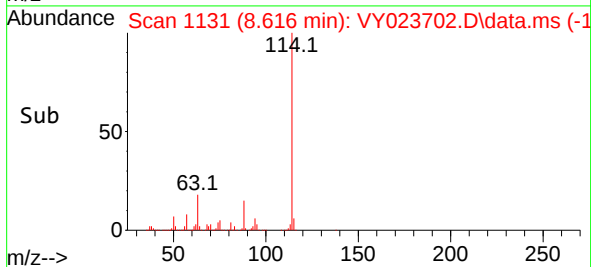
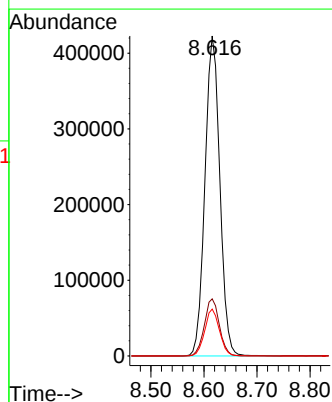
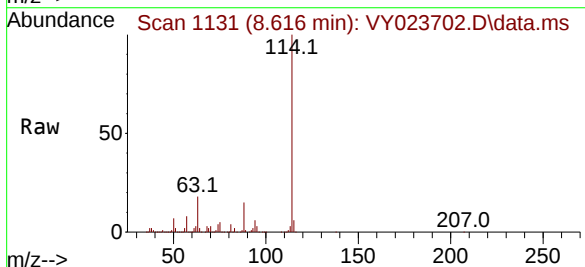
Tgt Ion: 114 Resp: 823659

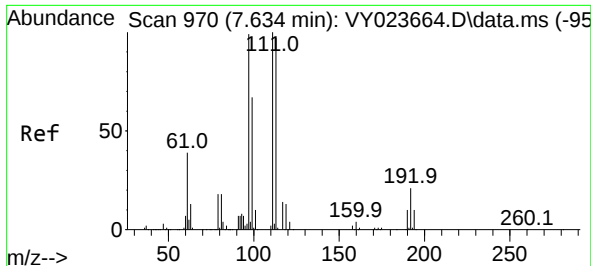
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

88 14.6 0.0 29.0

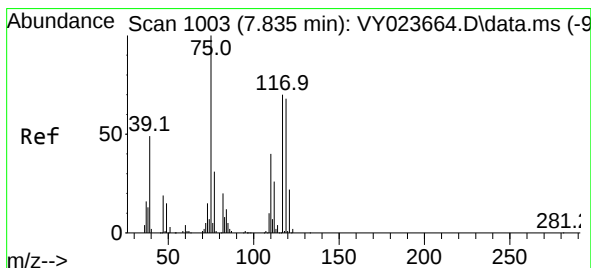
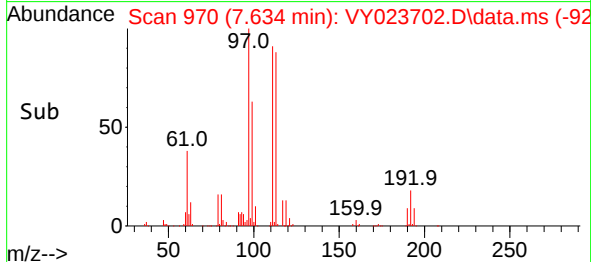
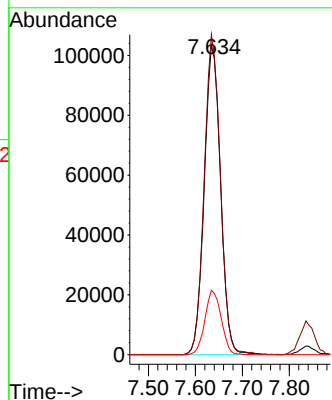
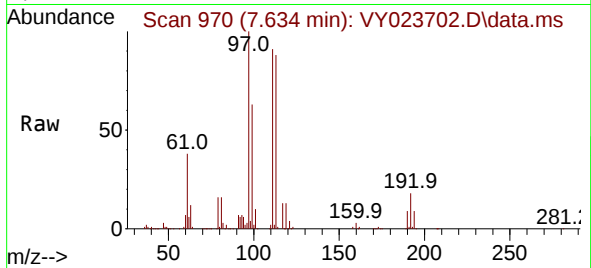




#35
Dibromofluoromethane
Concen: 48.509 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

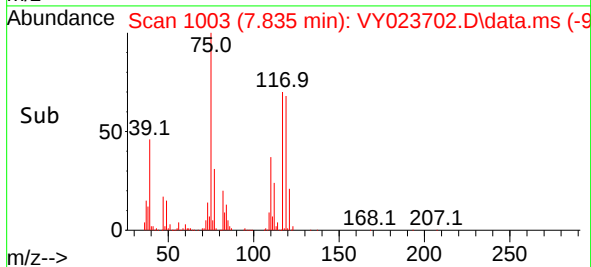
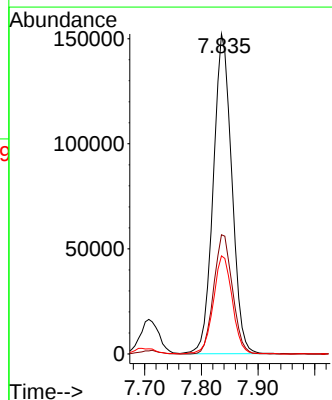
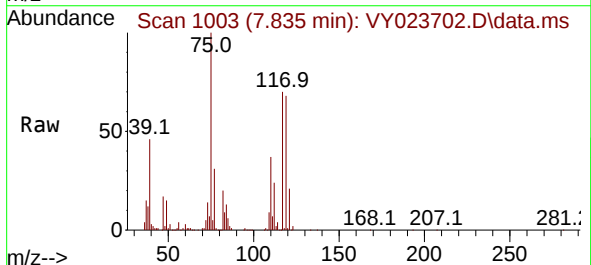
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 249689
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 20.7 17.3 25.9



#36
1,1-Dichloropropene
Concen: 50.180 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 75 Resp: 345146
Ion Ratio Lower Upper
75 100
110 37.8 19.7 59.0
77 31.4 25.2 37.8





#37

Ethyl Acetate

Concen: 53.420 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

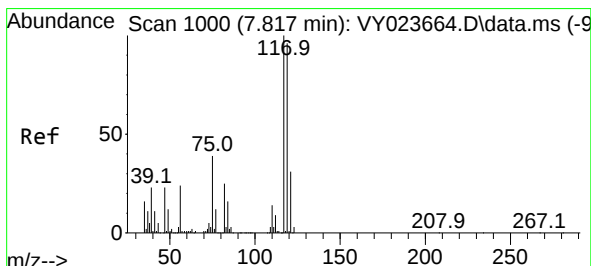
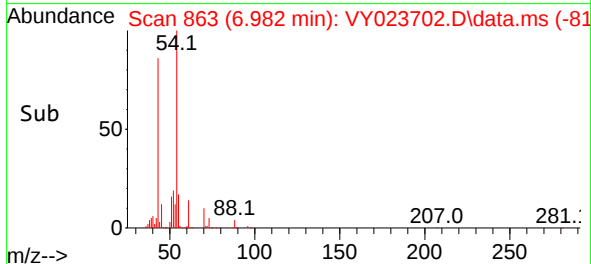
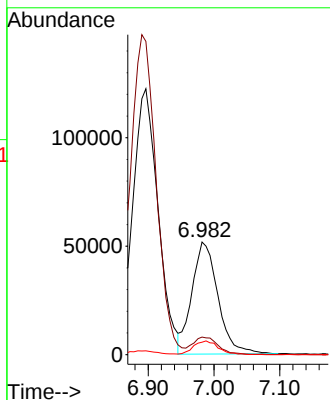
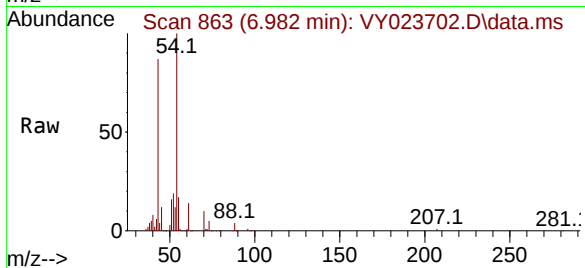
Tgt Ion: 43 Resp: 142239

Ion Ratio Lower Upper

43 100

61 14.7 12.4 18.6

70 11.4 9.8 14.8



#38

Carbon Tetrachloride

Concen: 49.339 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

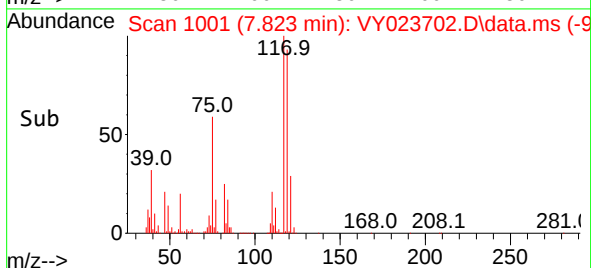
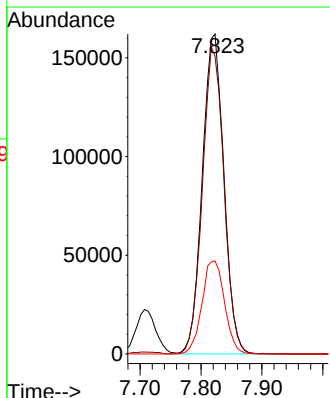
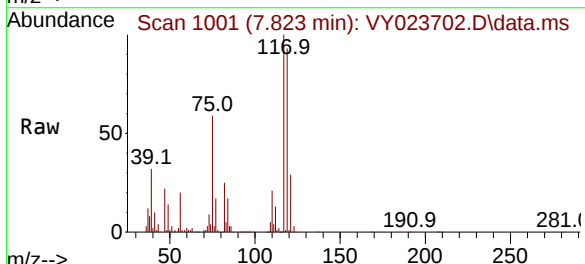
Tgt Ion: 117 Resp: 399848

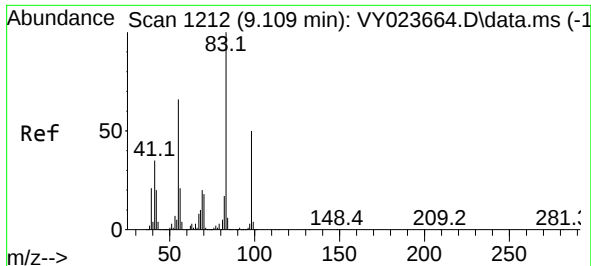
Ion Ratio Lower Upper

117 100

119 93.1 76.3 114.5

121 29.1 24.8 37.2

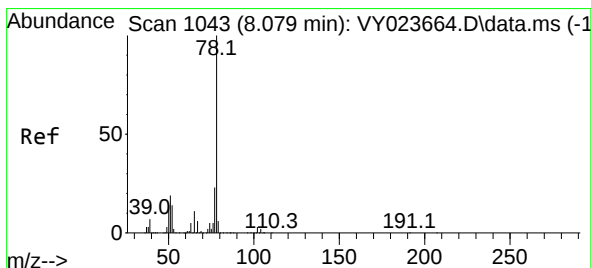
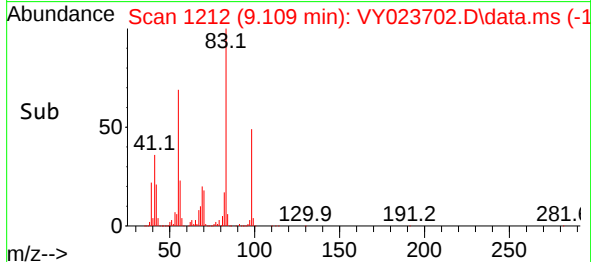
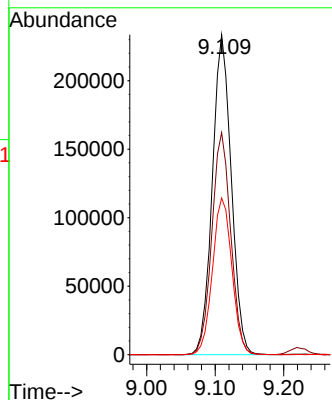
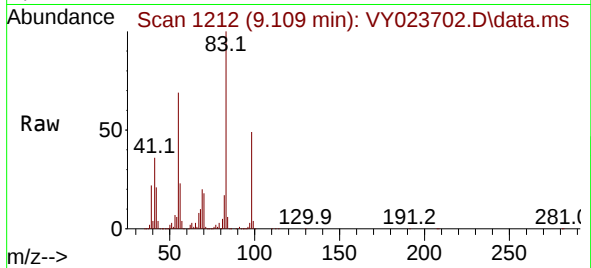




#39
Methylcyclohexane
Concen: 51.112 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

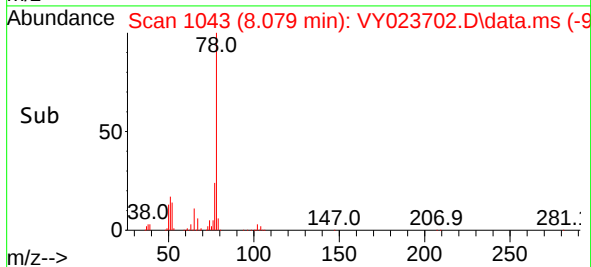
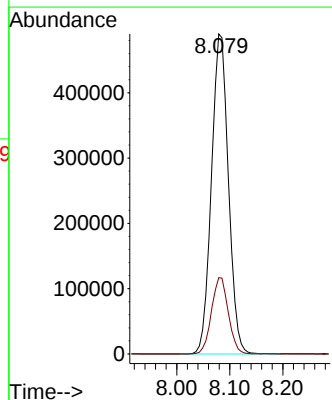
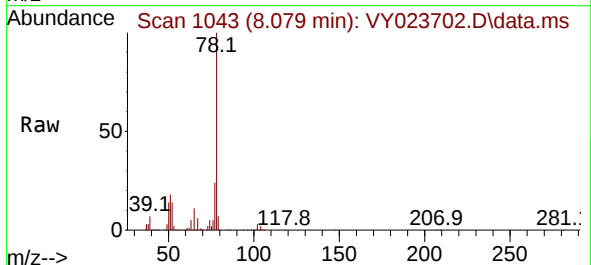
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

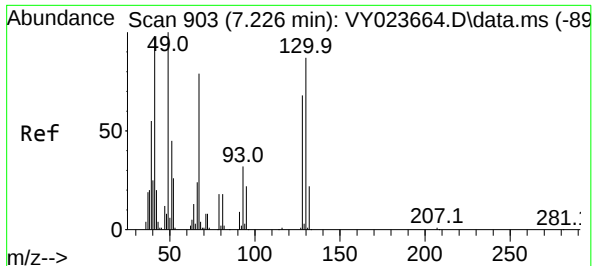
Tgt Ion: 83 Resp: 449193
Ion Ratio Lower Upper
83 100
55 69.4 52.6 78.8
98 48.9 39.7 59.5



#40
Benzene
Concen: 50.176 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 78 Resp: 1087832
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

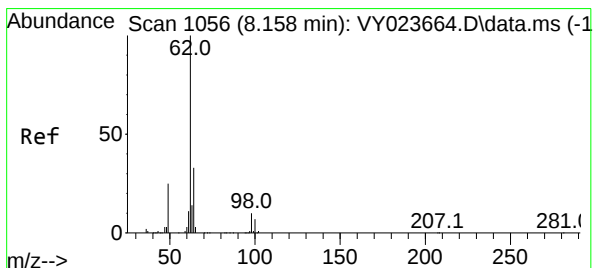
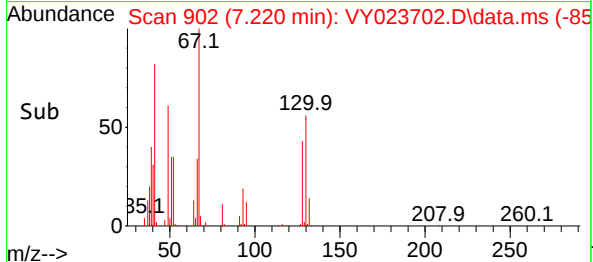
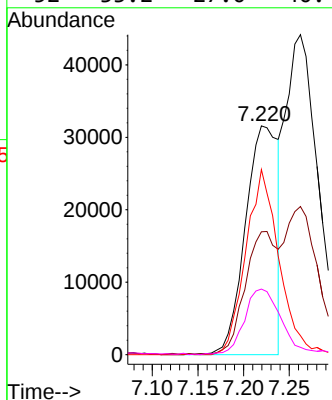
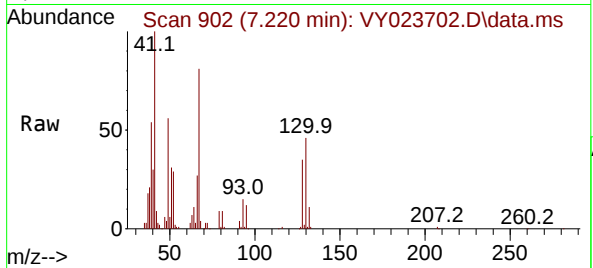




#41
Methacrylonitrile
Concen: 53.913 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

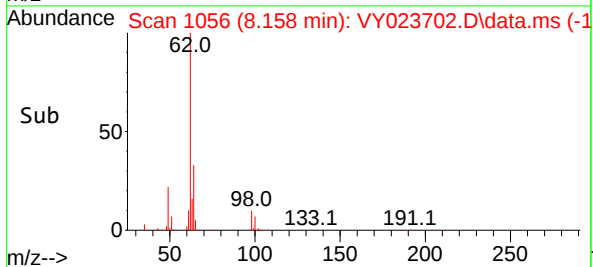
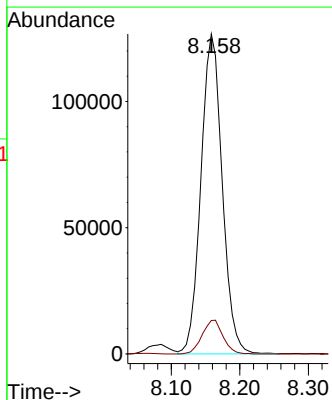
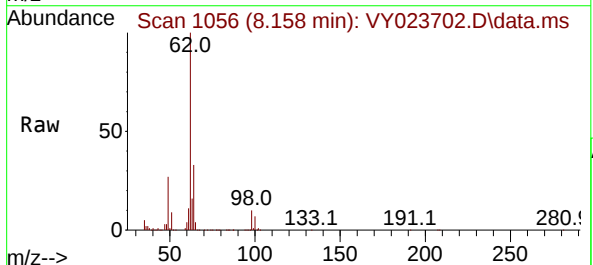
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

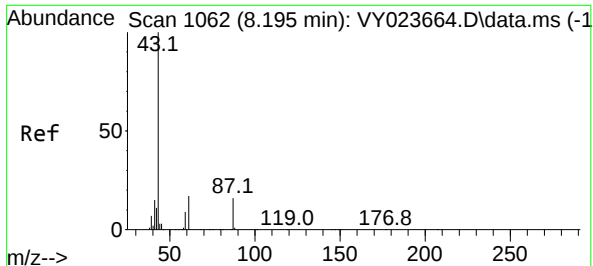
Tgt Ion: 41 Resp: 78358
Ion Ratio Lower Upper
41 100
39 52.5 38.6 57.8
67 82.9 71.3 106.9
52 33.2 27.0 40.4



#42
1,2-Dichloroethane
Concen: 49.890 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 62 Resp: 273648
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.0

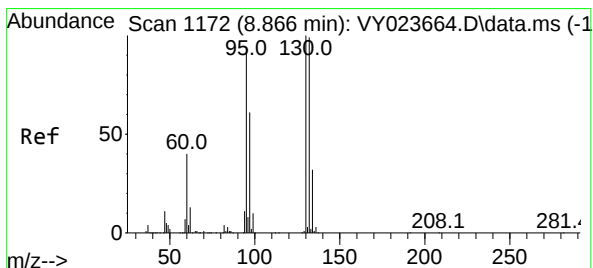
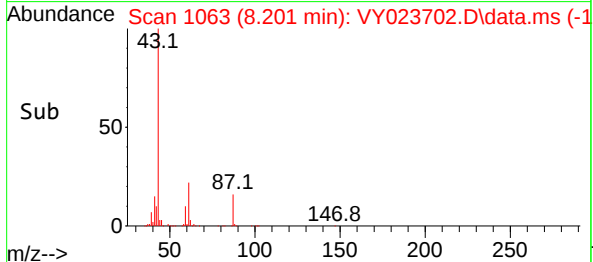
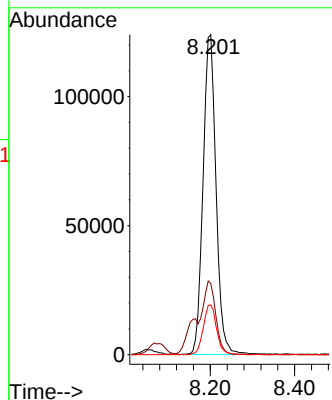
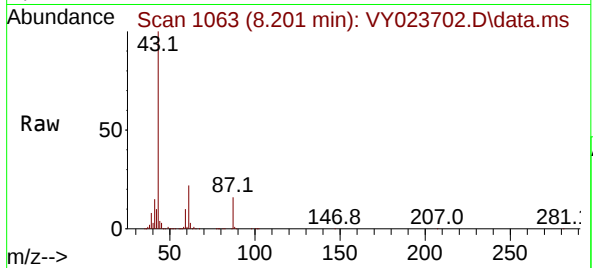




#43
Isopropyl Acetate
Concen: 53.115 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

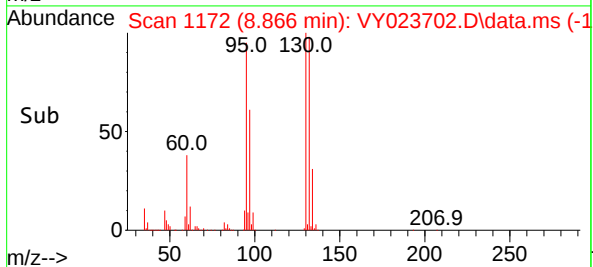
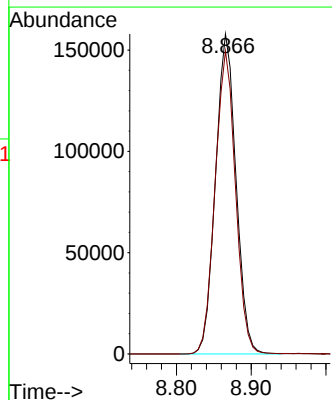
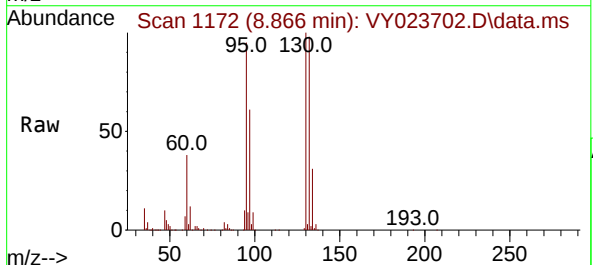
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

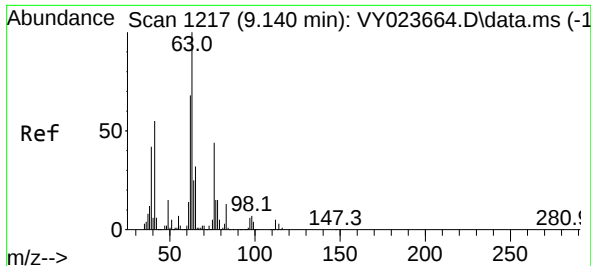
Tgt Ion: 43 Resp: 265729
Ion Ratio Lower Upper
43 100
61 23.0 18.2 27.2
87 15.9 13.3 19.9



#44
Trichloroethene
Concen: 48.386 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion:130 Resp: 301303
Ion Ratio Lower Upper
130 100
95 94.7 0.0 187.0





#45

1,2-Dichloropropane

Concen: 51.139 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

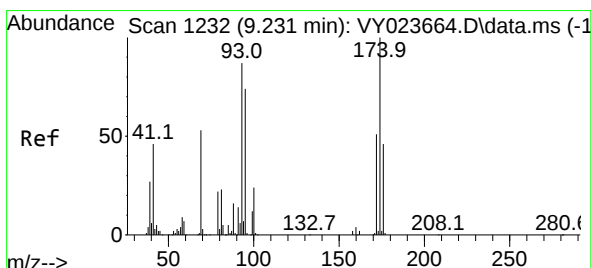
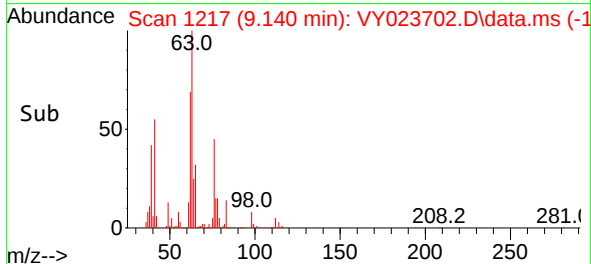
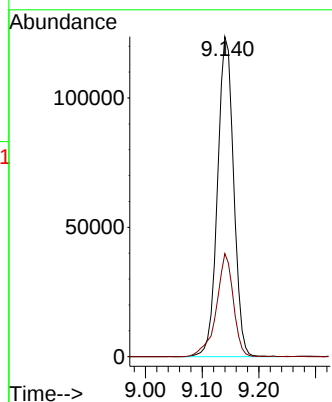
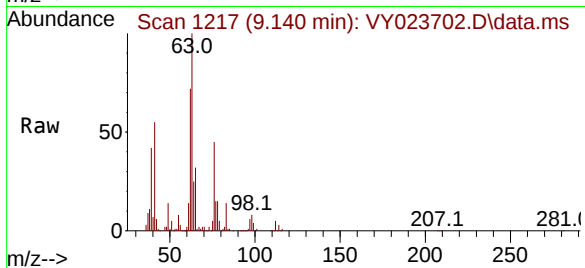
VSTDCCC050EC

Tgt Ion: 63 Resp: 244696

Ion Ratio Lower Upper

63 100

65 32.2 25.6 38.4



#46

Dibromomethane

Concen: 50.056 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

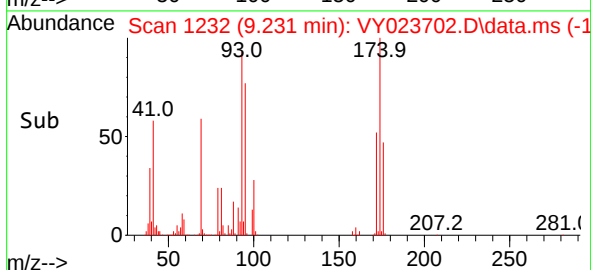
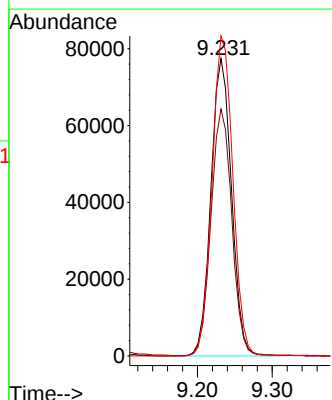
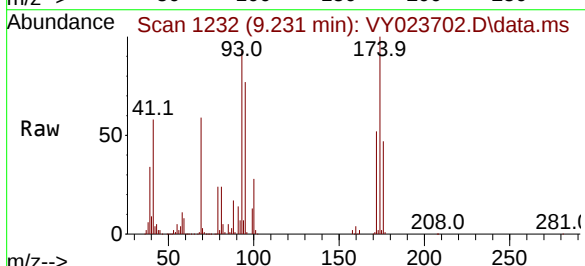
Tgt Ion: 93 Resp: 148404

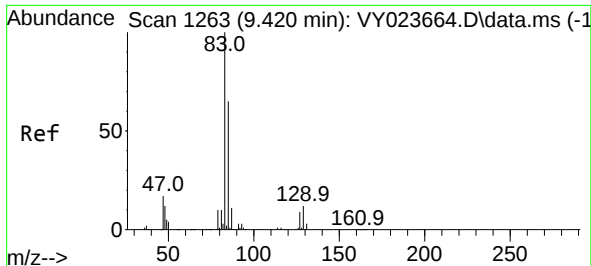
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.2

174 108.5 89.4 134.0

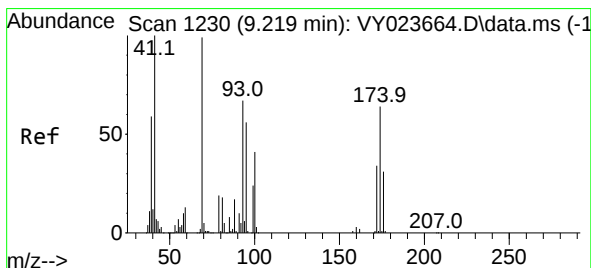
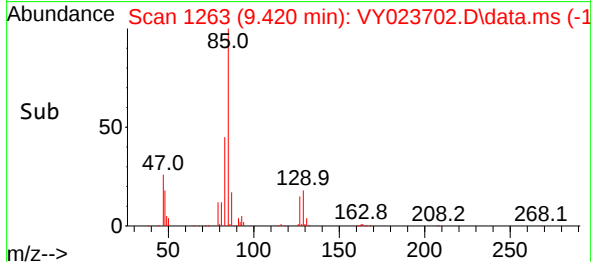
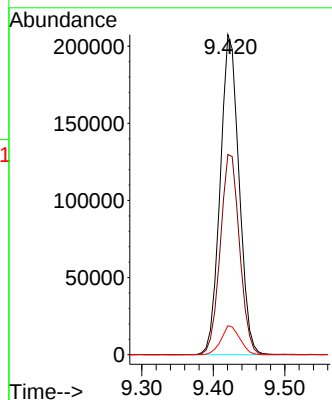
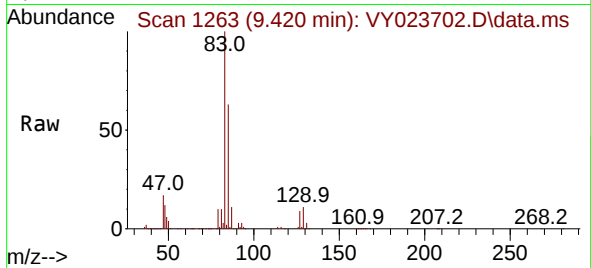




#47
Bromodichloromethane
Concen: 50.755 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

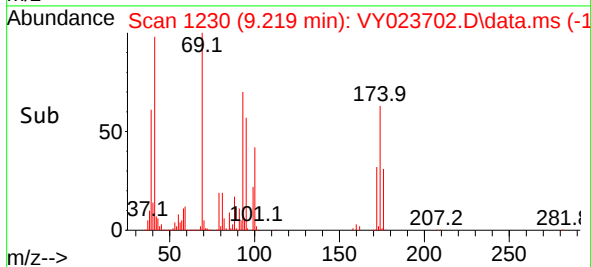
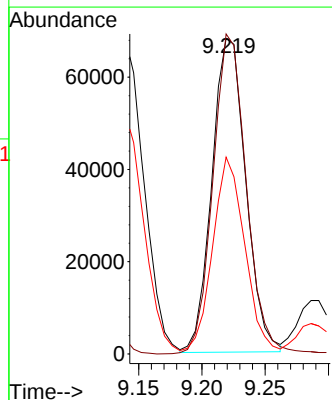
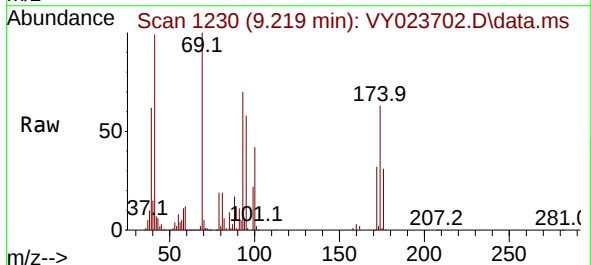
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

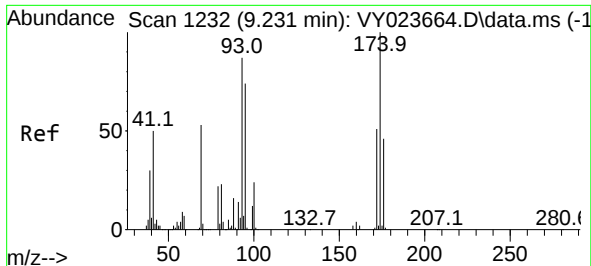
Tgt Ion: 83 Resp: 379383
Ion Ratio Lower Upper
83 100
85 62.6 52.1 78.1
127 9.1 7.5 11.3



#48
Methyl methacrylate
Concen: 53.589 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 41 Resp: 126668
Ion Ratio Lower Upper
41 100
69 100.9 80.2 120.2
39 57.7 47.4 71.0





#49

1,4-Dioxane

Concen: 1059.791 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

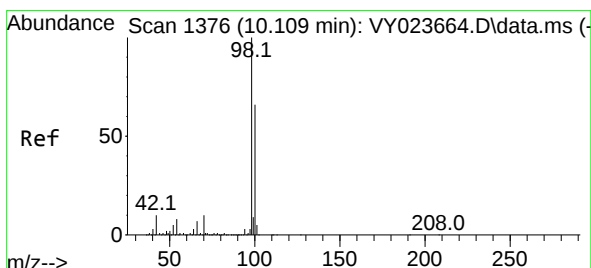
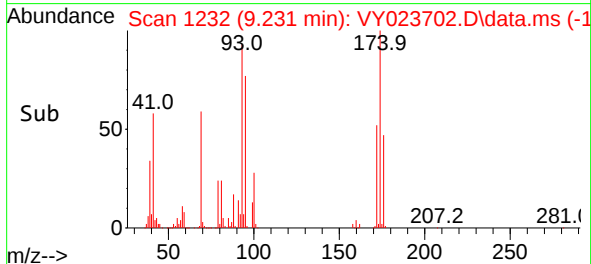
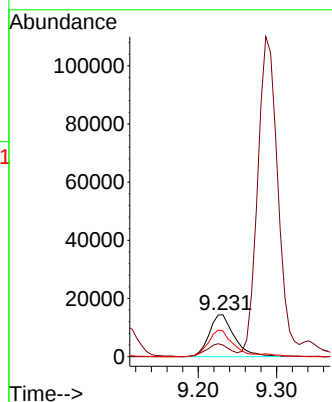
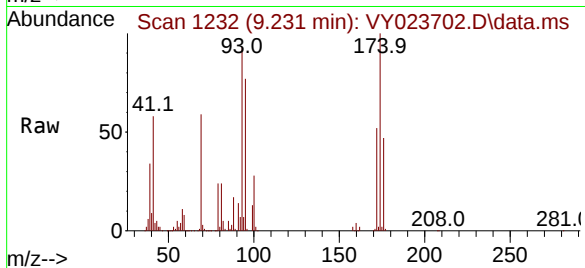
Tgt Ion: 88 Resp: 32155

Ion Ratio Lower Upper

88 100

43 27.6 22.0 33.0

58 62.7 47.8 71.8



#50

Toluene-d8

Concen: 49.821 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY023702.D

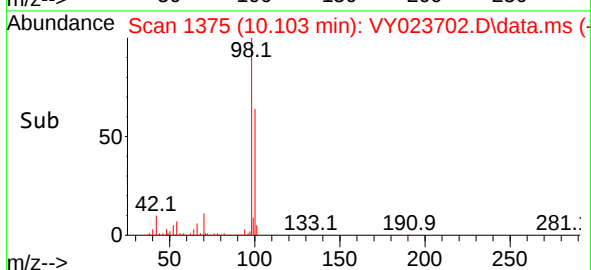
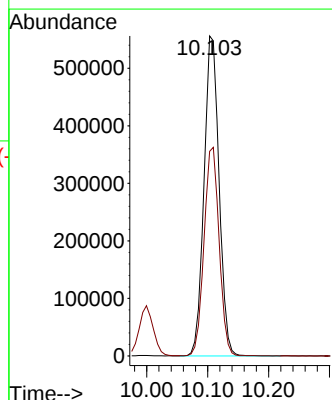
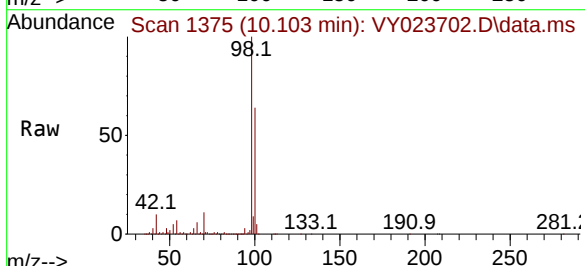
Acq: 06 Nov 2025 15:40

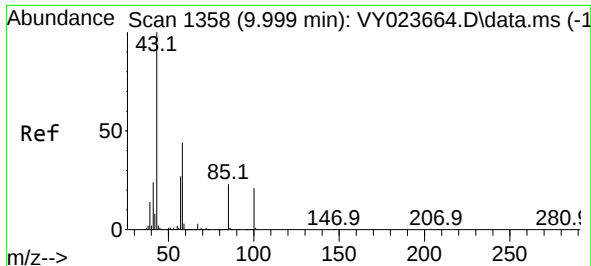
Tgt Ion: 98 Resp: 955270

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1

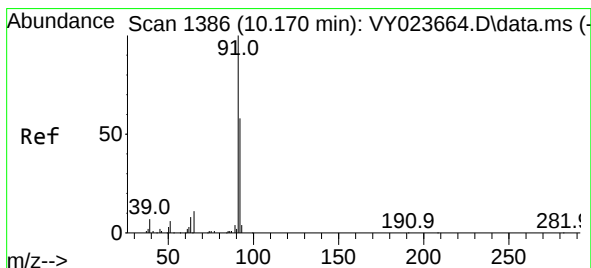
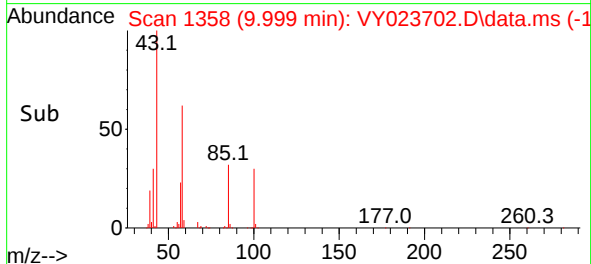
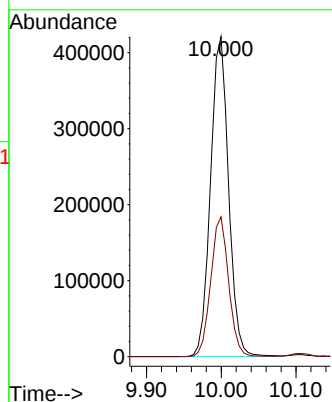
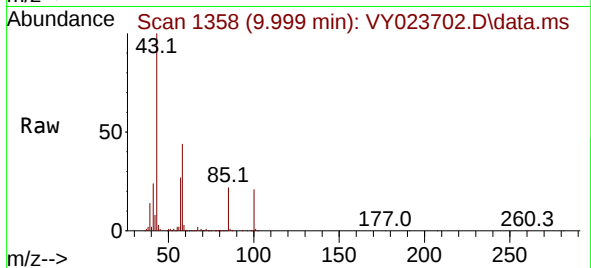




#51
4-Methyl-2-Pentanone
Concen: 266.305 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

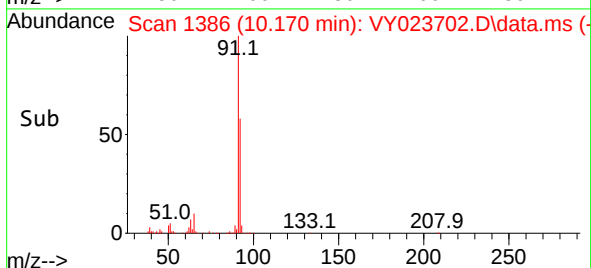
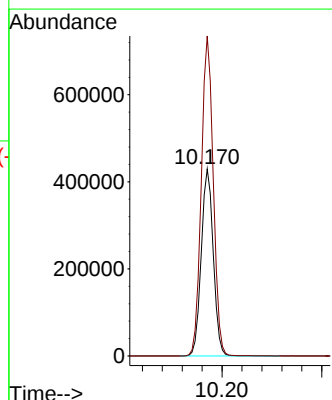
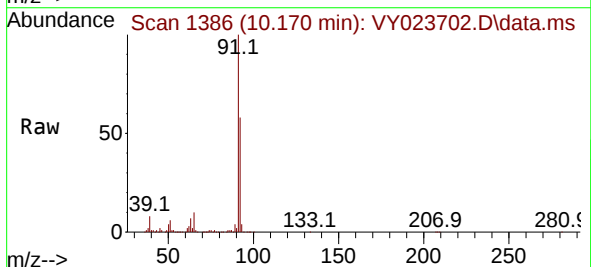
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

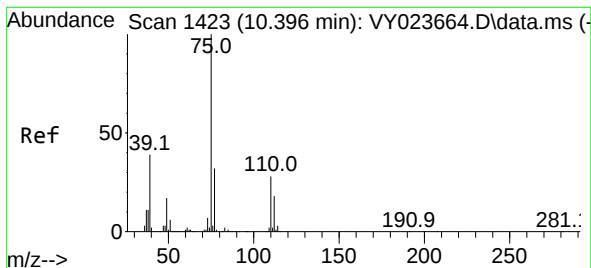
Tgt Ion: 43 Resp: 708526
Ion Ratio Lower Upper
43 100
58 43.4 34.8 52.2



#52
Toluene
Concen: 51.832 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 92 Resp: 717437
Ion Ratio Lower Upper
92 100
91 170.3 137.8 206.8

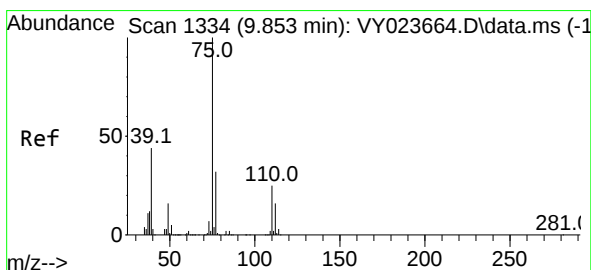
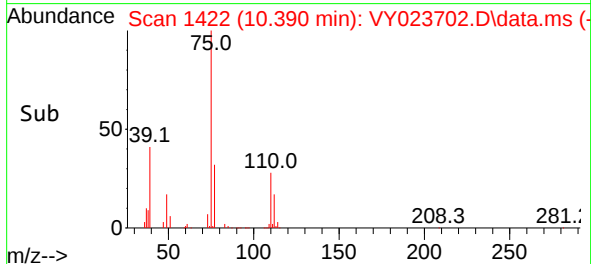
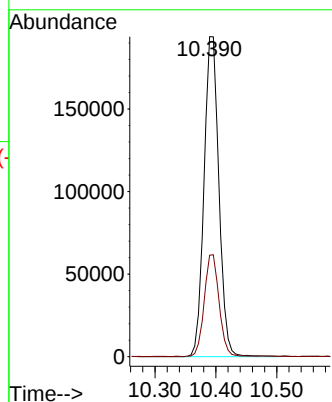
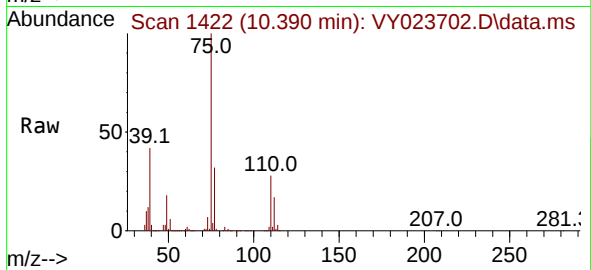




#53
t-1,3-Dichloropropene
Concen: 52.219 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

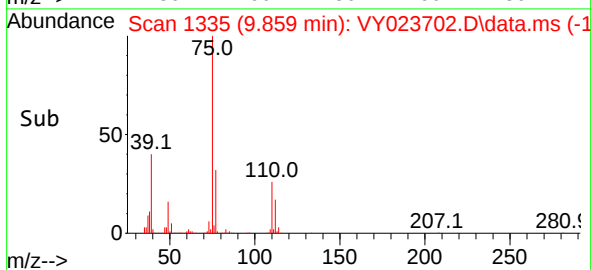
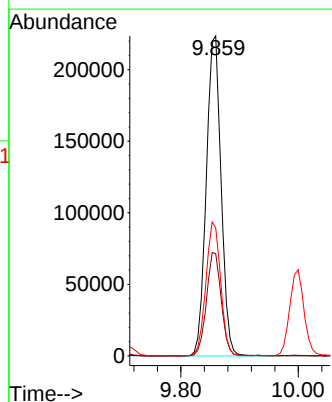
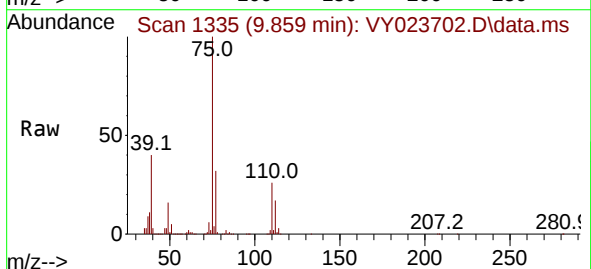
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

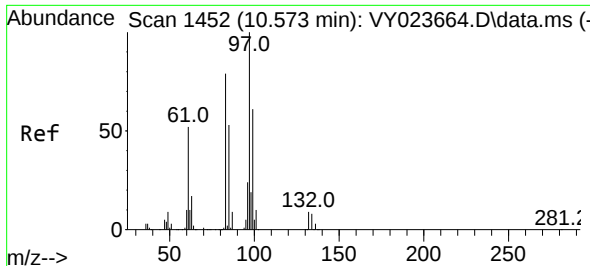
Tgt Ion: 75 Resp: 330274
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 51.702 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 75 Resp: 391784
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
39 39.9 34.9 52.3

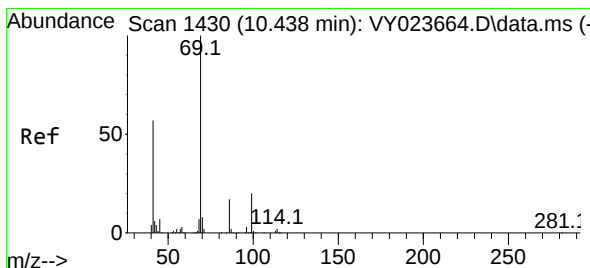
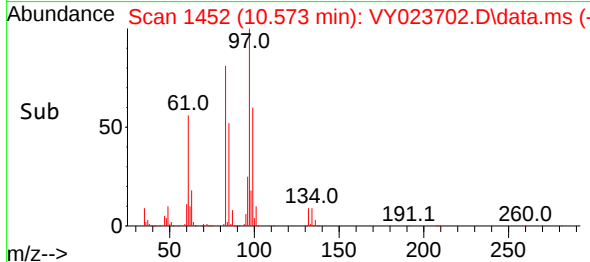
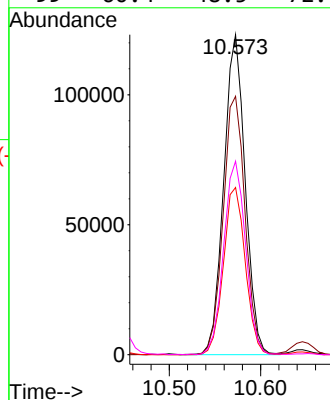
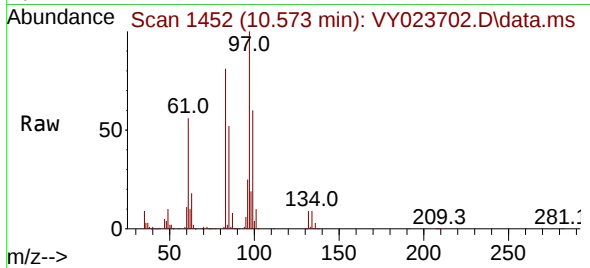




#55
1,1,2-Trichloroethane
Concen: 50.642 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

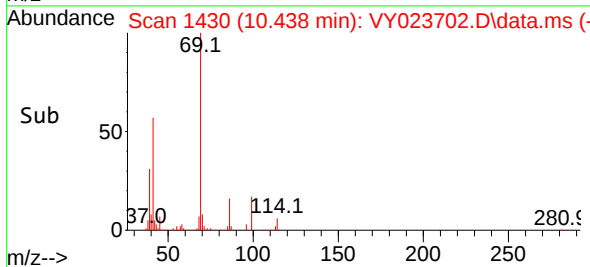
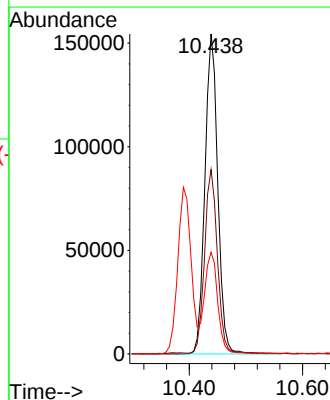
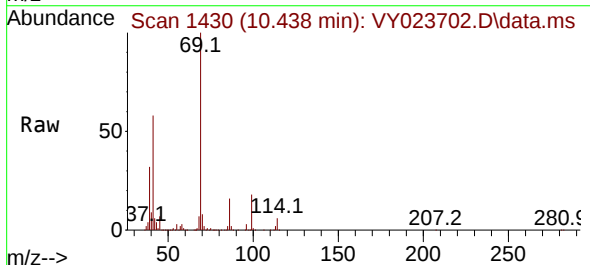
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

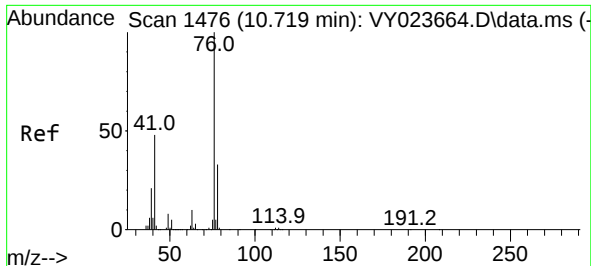
Tgt Ion: 97	Resp: 200645
Ion Ratio	Lower Upper
97 100	
83 80.7	63.3 94.9
85 52.2	42.4 63.6
99 60.4	48.5 72.7



#56
Ethyl methacrylate
Concen: 55.819 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 69	Resp: 243670
Ion Ratio	Lower Upper
69 100	
41 56.8	45.0 67.4
39 32.6	25.1 37.7





#57

1,3-Dichloropropane

Concen: 51.373 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

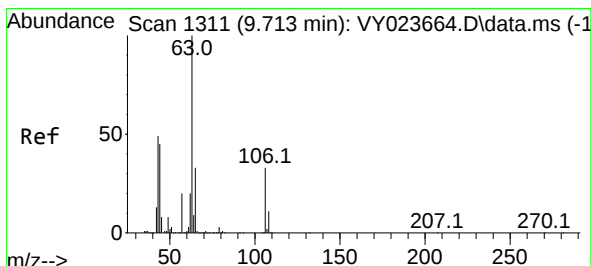
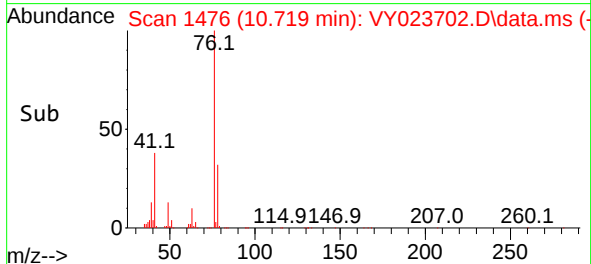
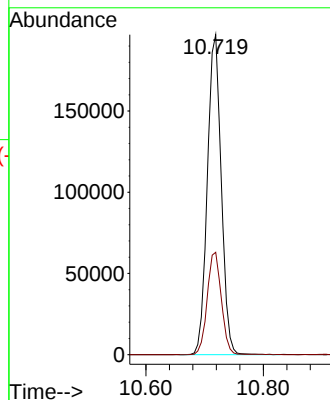
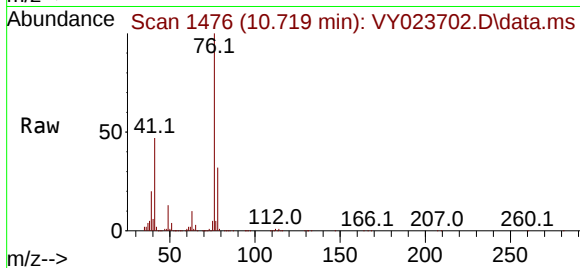
VSTDCCC050EC

Tgt Ion: 76 Resp: 322852

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 273.390 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023702.D

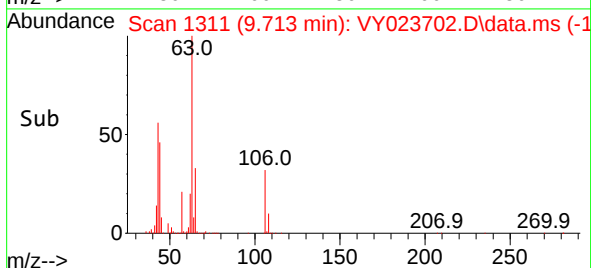
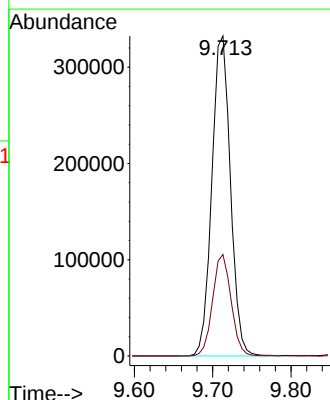
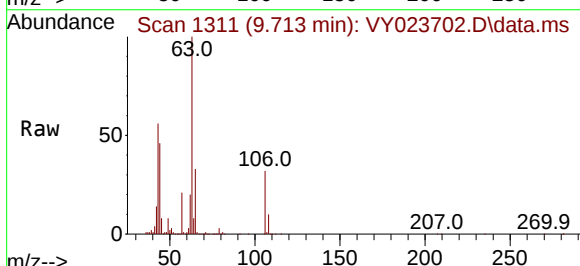
Acq: 06 Nov 2025 15:40

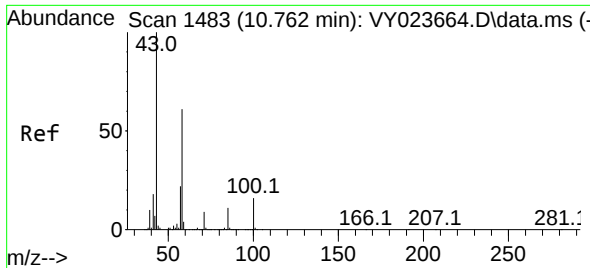
Tgt Ion: 63 Resp: 547645

Ion Ratio Lower Upper

63 100

106 31.5 26.2 39.2

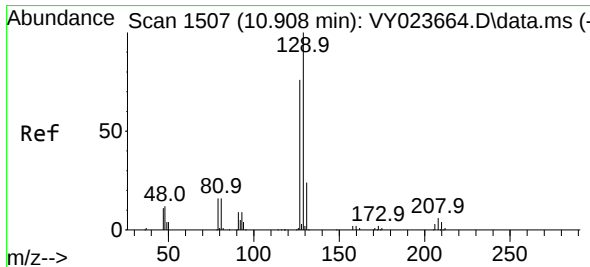
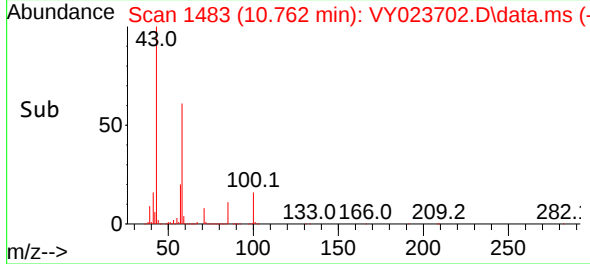
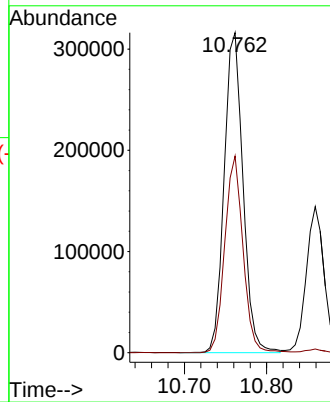
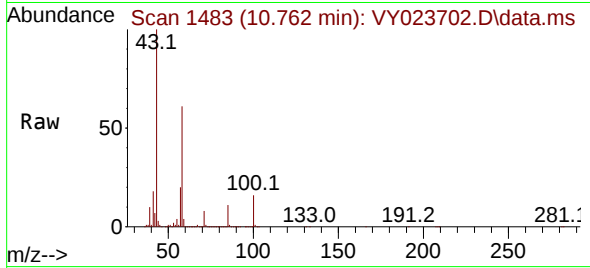




#59
2-Hexanone
Concen: 258.774 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

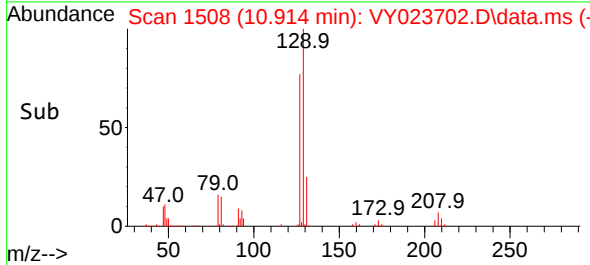
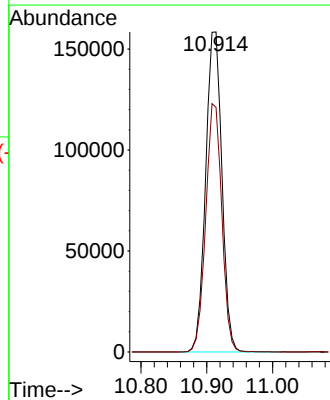
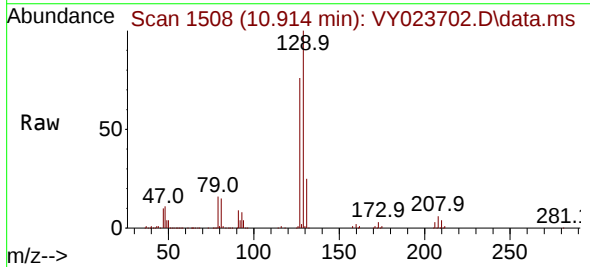
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

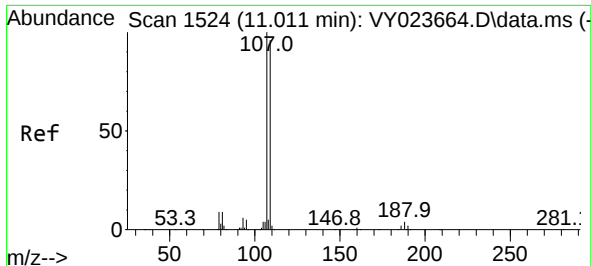
Tgt Ion: 43 Resp: 502304
Ion Ratio Lower Upper
43 100
58 59.6 30.2 90.6



#60
Dibromochloromethane
Concen: 50.179 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 129 Resp: 273169
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2

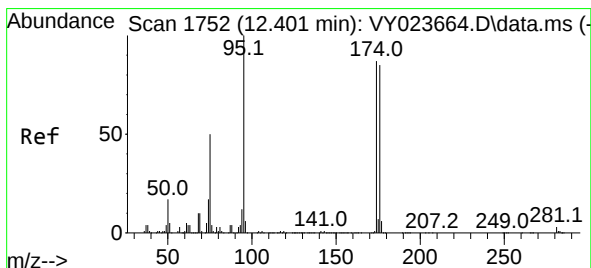
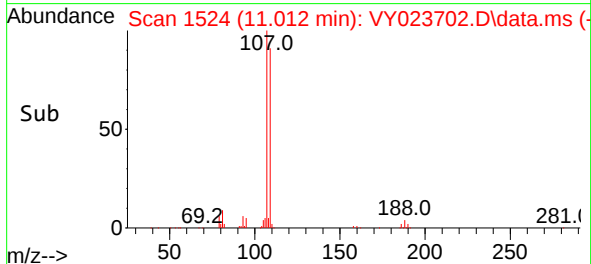
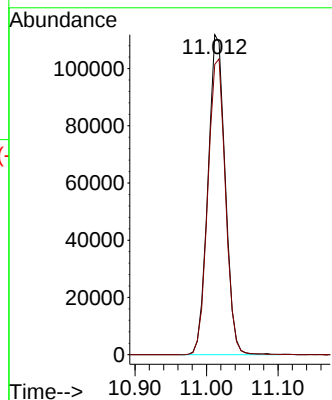
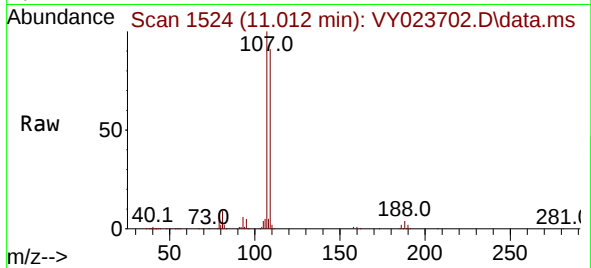




#61
1,2-Dibromoethane
Concen: 50.379 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

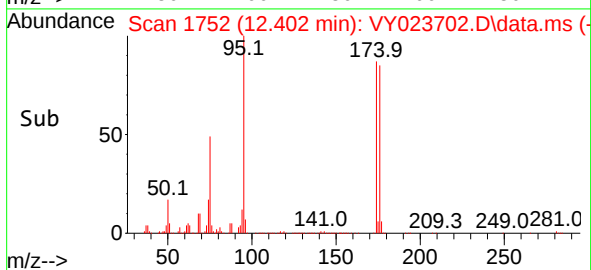
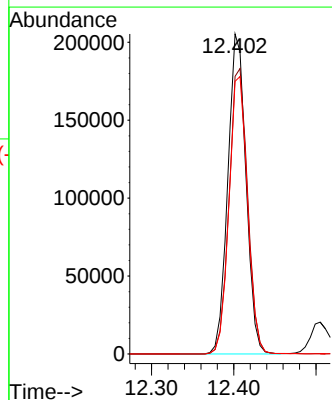
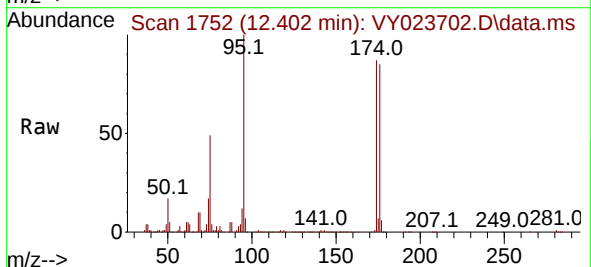
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

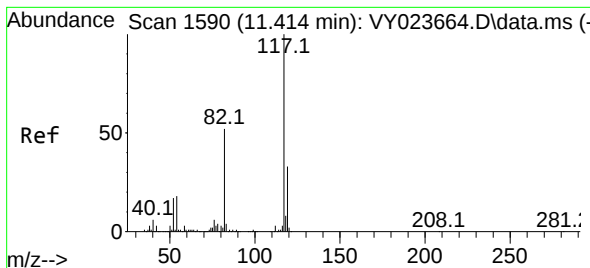
Tgt Ion:107 Resp: 187326
Ion Ratio Lower Upper
107 100
109 94.6 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 50.766 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 95 Resp: 314786
Ion Ratio Lower Upper
95 100
174 91.2 0.0 184.8
176 88.7 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

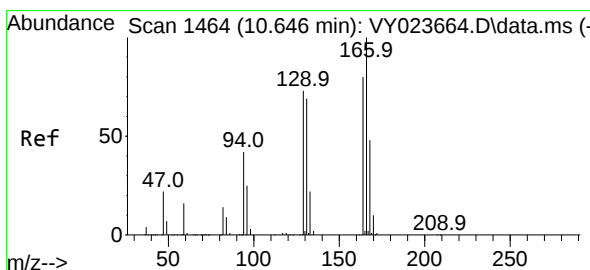
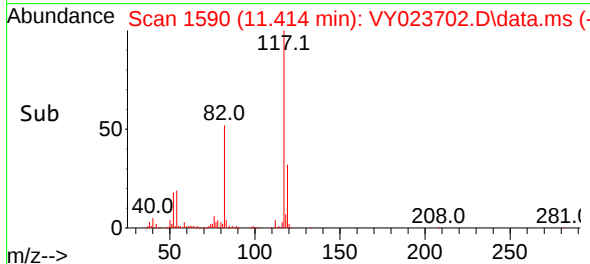
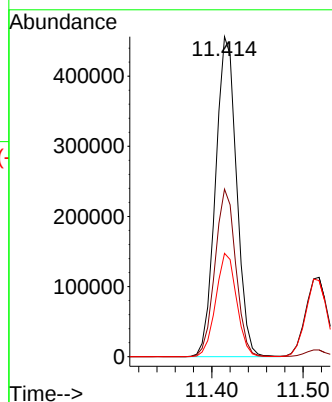
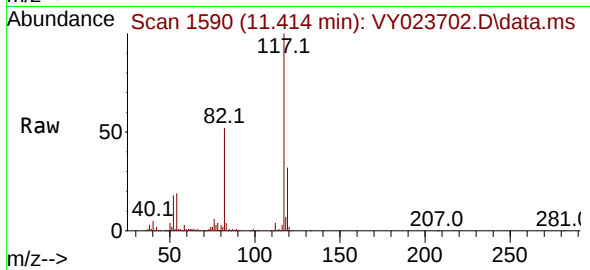
Tgt Ion:117 Resp: 730032

Ion Ratio Lower Upper

117 100

82 52.3 41.2 61.8

119 32.3 26.2 39.2



#64

Tetrachloroethene

Concen: 48.593 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Tgt Ion:164 Resp: 369236

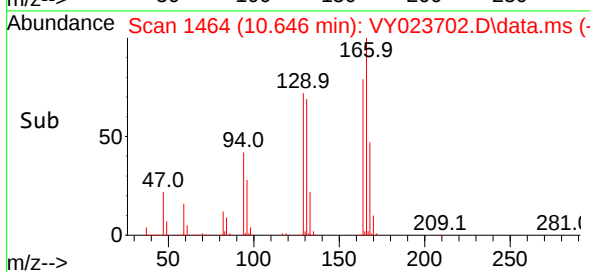
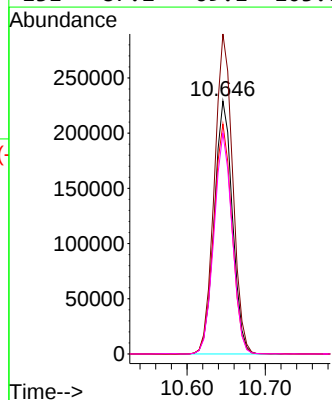
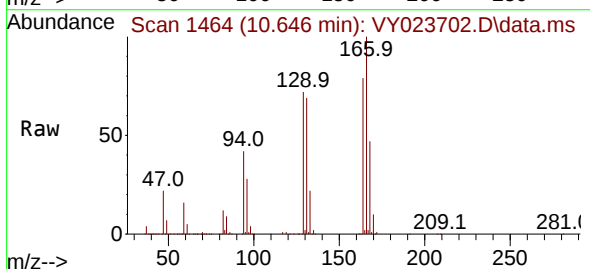
Ion Ratio Lower Upper

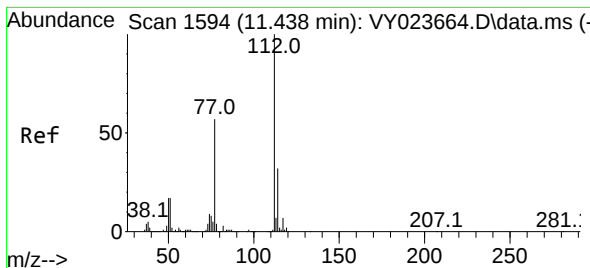
164 100

166 126.5 99.5 149.3

129 90.9 72.3 108.5

131 87.2 69.1 103.7





#65

Chlorobenzene

Concen: 48.577 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

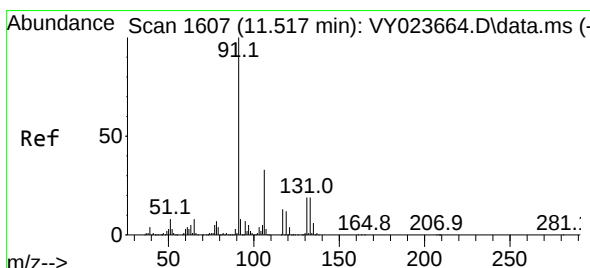
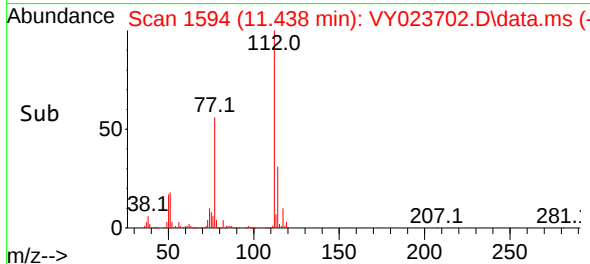
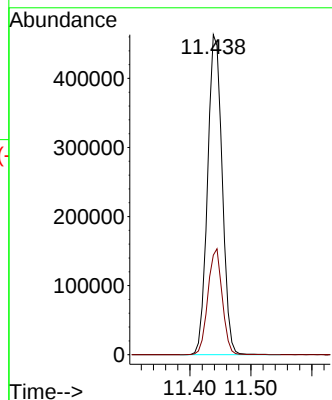
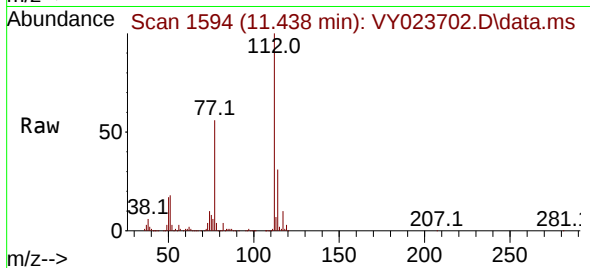
VSTDCCC050EC

Tgt Ion:112 Resp: 772025

Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.932 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

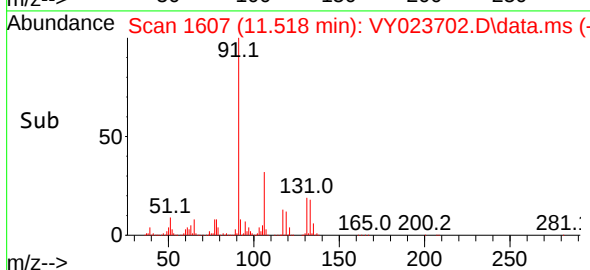
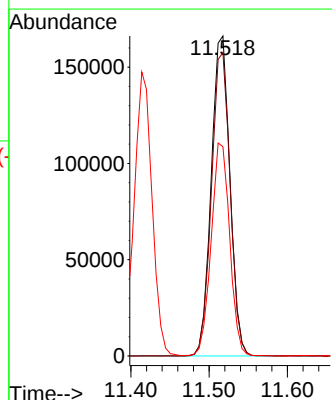
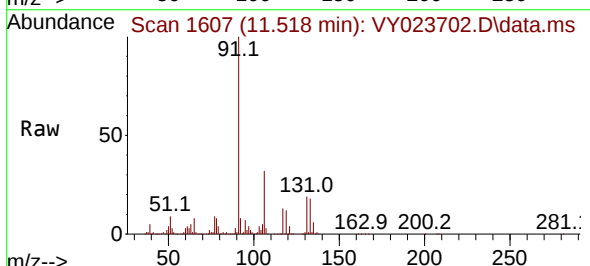
Tgt Ion:131 Resp: 274989

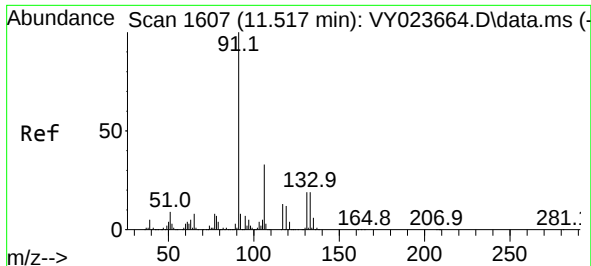
Ion Ratio Lower Upper

131 100

133 94.9 47.3 141.8

119 66.1 32.5 97.4





#67

Ethyl Benzene

Concen: 51.648 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

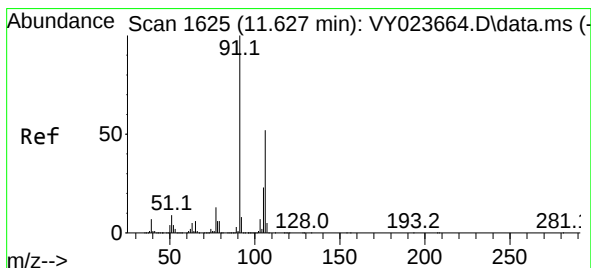
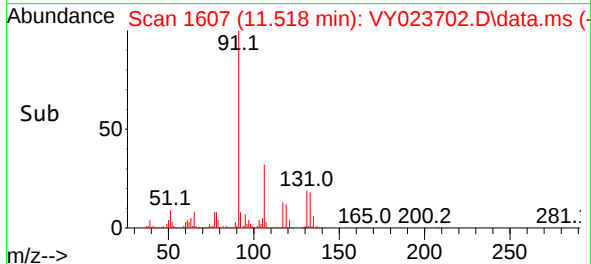
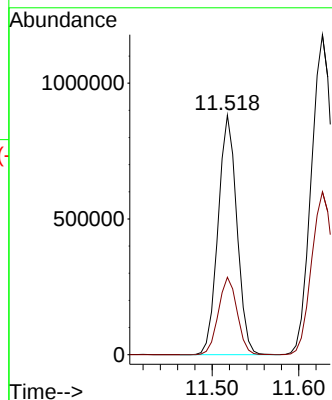
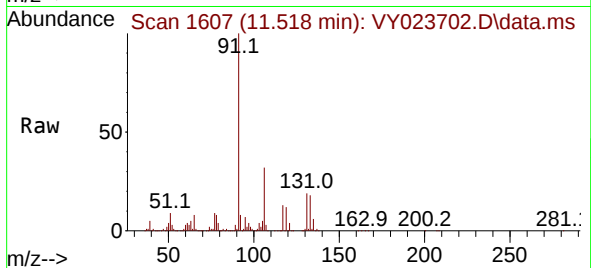
VSTDCCC050EC

Tgt Ion: 91 Resp: 1328475

Ion Ratio Lower Upper

91 100

106 32.3 26.6 40.0



#68

m/p-Xylenes

Concen: 102.481 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023702.D

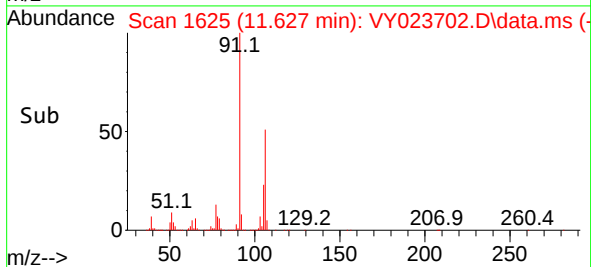
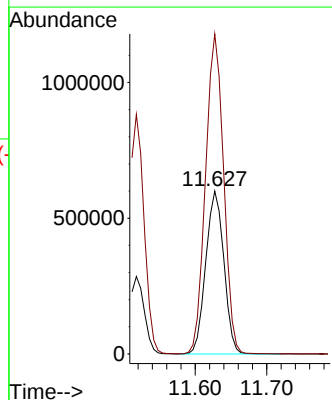
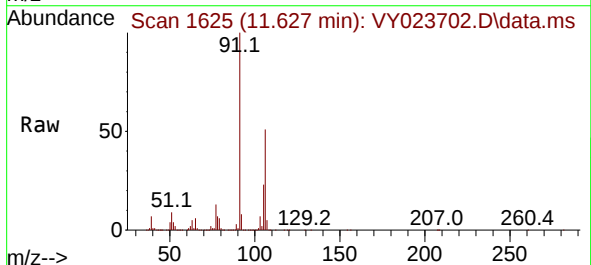
Acq: 06 Nov 2025 15:40

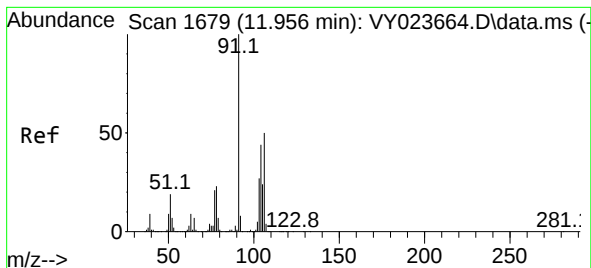
Tgt Ion:106 Resp: 1053184

Ion Ratio Lower Upper

106 100

91 196.6 154.3 231.5

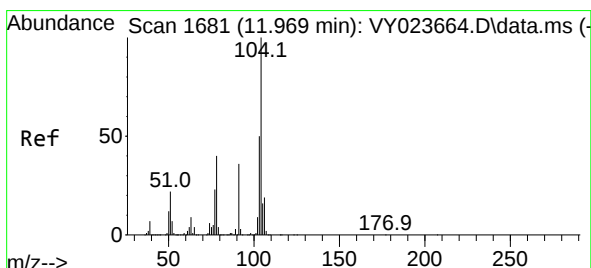
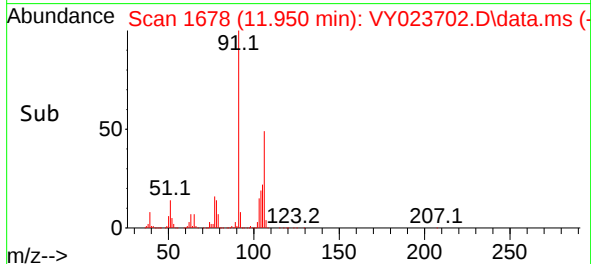
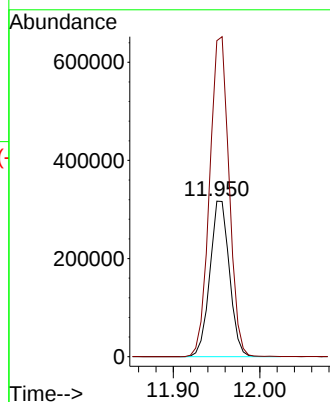
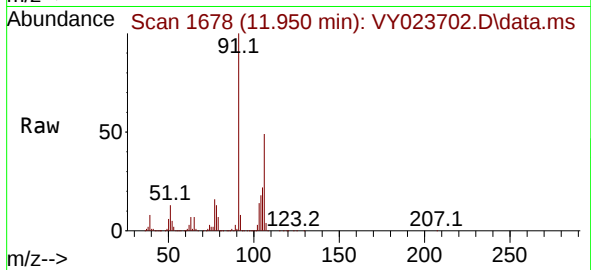




#69
o-Xylene
Concen: 52.165 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

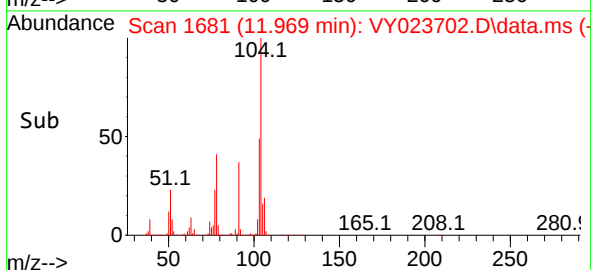
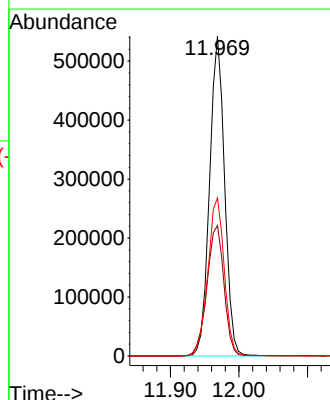
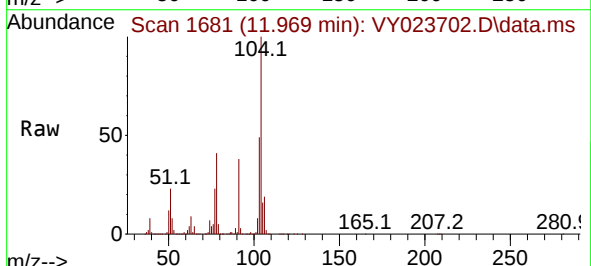
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

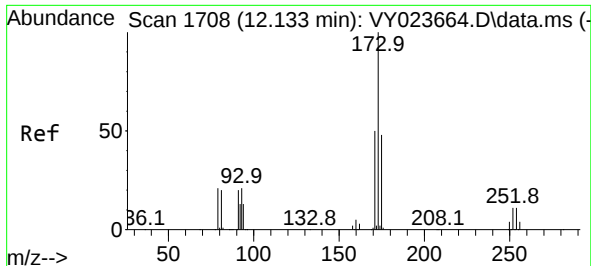
Tgt Ion:106 Resp: 495556
Ion Ratio Lower Upper
106 100
91 205.4 101.6 304.6



#70
Styrene
Concen: 52.835 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion:104 Resp: 828151
Ion Ratio Lower Upper
104 100
78 46.3 36.5 54.7
103 54.1 43.7 65.5

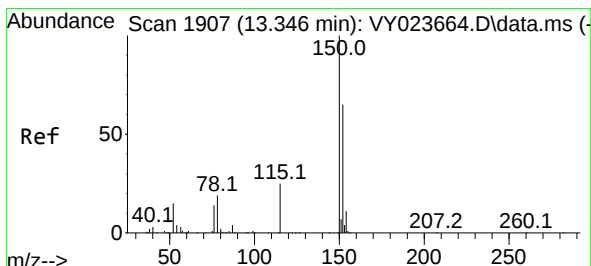
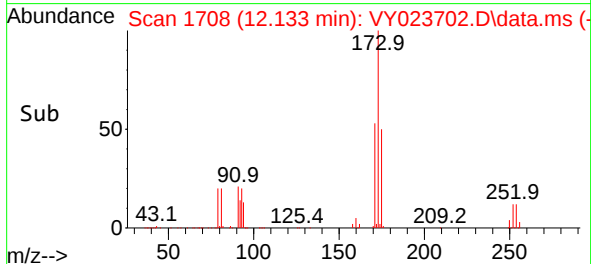
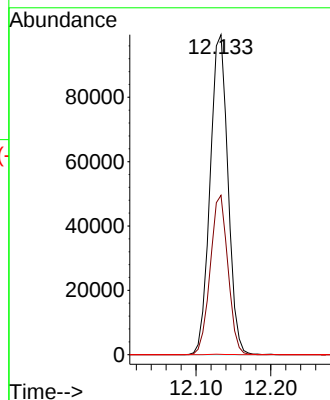
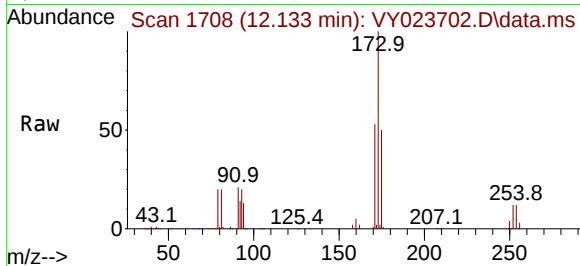




#71
Bromoform
Concen: 50.177 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

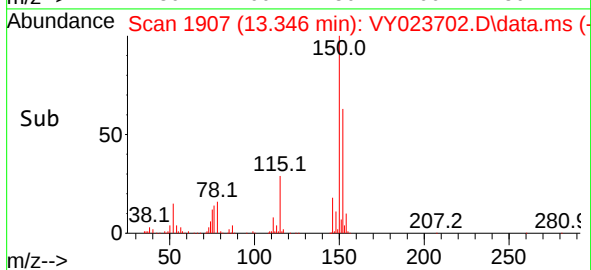
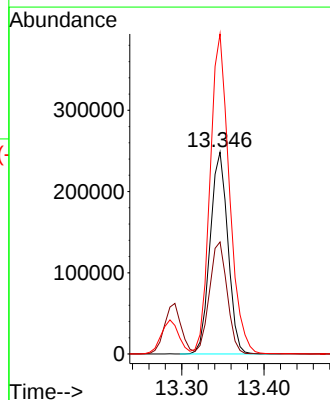
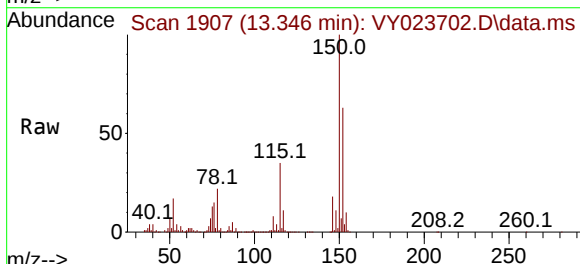
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

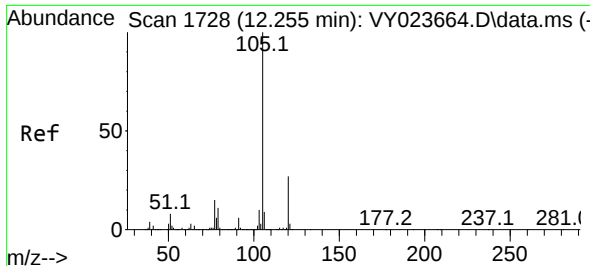
Tgt Ion:173 Resp: 164691
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion:152 Resp: 372662
Ion Ratio Lower Upper
152 100
115 55.2 27.5 82.5
150 171.9 0.0 349.0

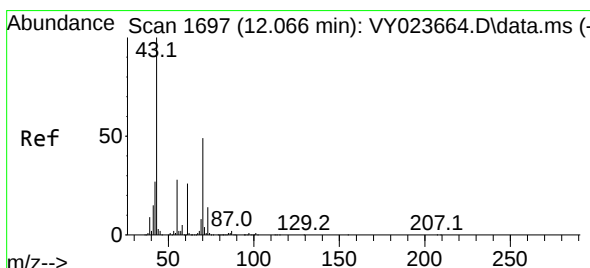
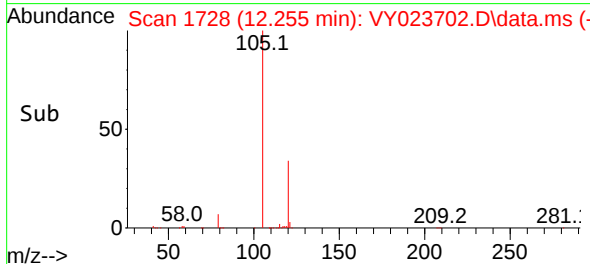
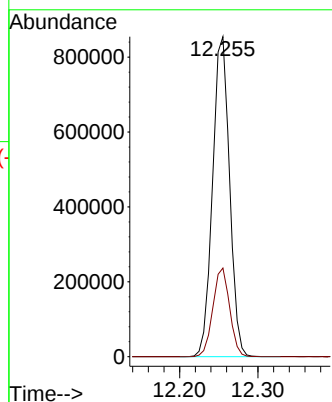
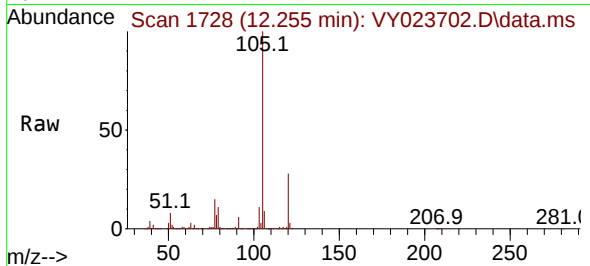




#73
Isopropylbenzene
Concen: 51.560 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

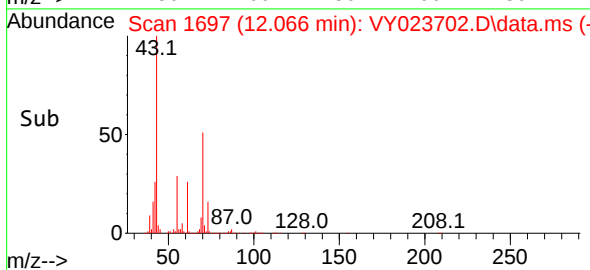
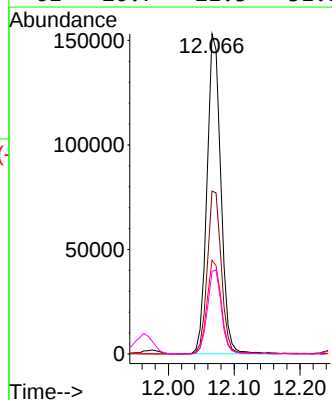
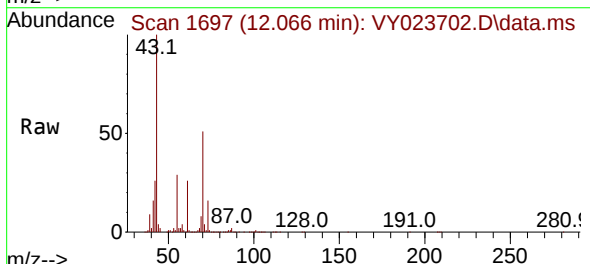
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

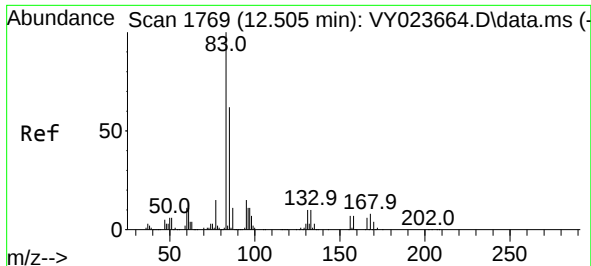
Tgt Ion:105 Resp: 1285108
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.7



#74
N-ethyl acetate
Concen: 53.169 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 43 Resp: 224364
Ion Ratio Lower Upper
43 100
70 51.8 40.1 60.1
55 30.2 23.0 34.6
61 26.7 21.3 31.9

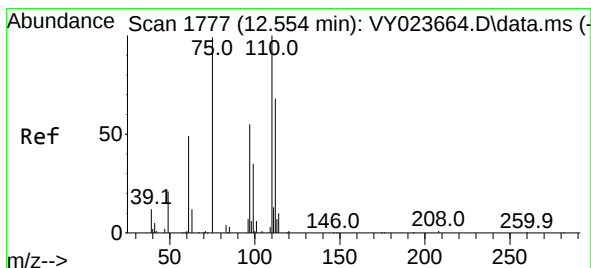
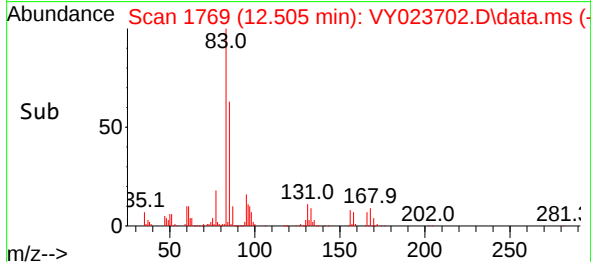
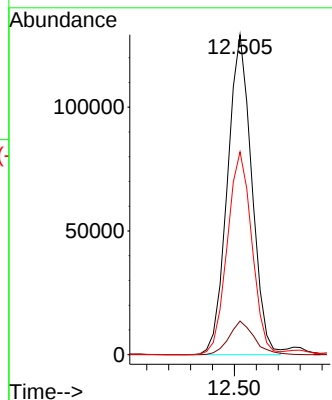
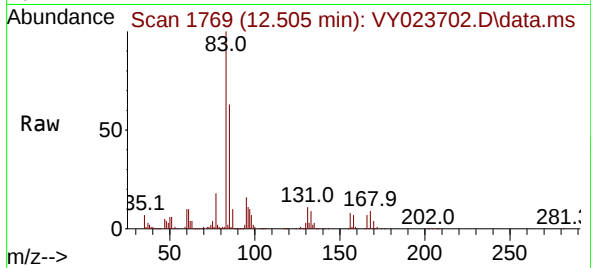




#75
1,1,2-Tetrachloroethane
Concen: 49.929 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

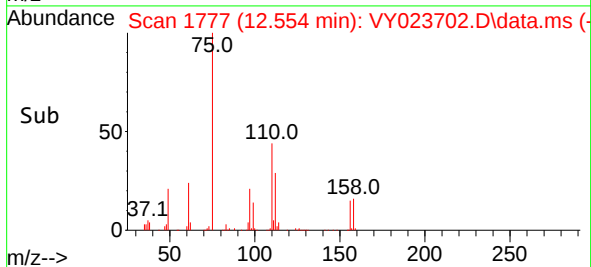
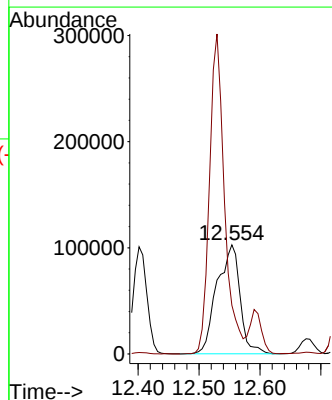
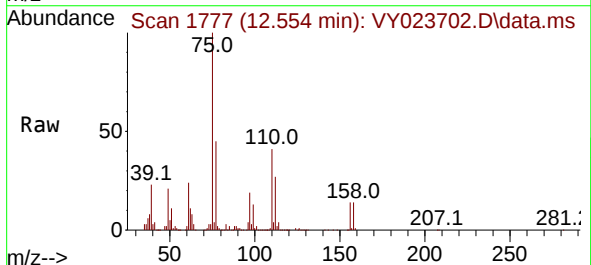
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

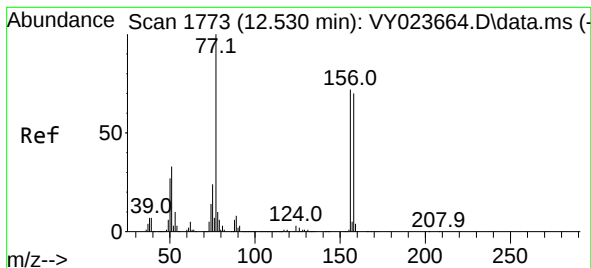
Tgt Ion: 83 Resp: 198755
Ion Ratio Lower Upper
83 100
131 10.8 5.7 17.0
85 64.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 89.750 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 75 Resp: 270686
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.586 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

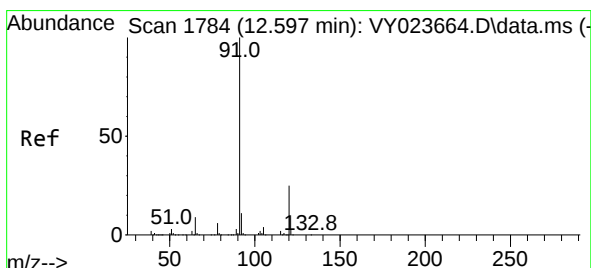
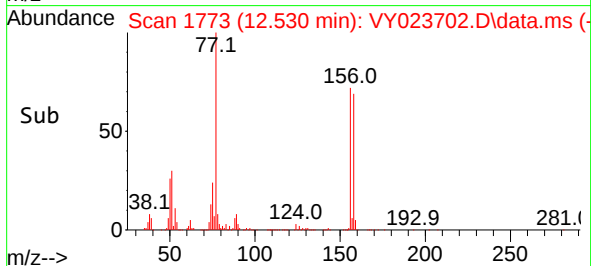
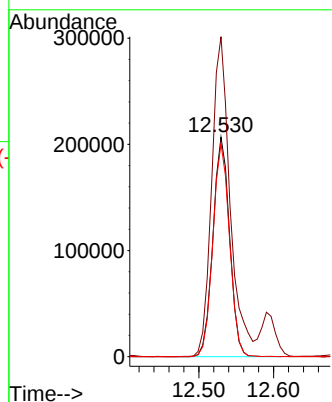
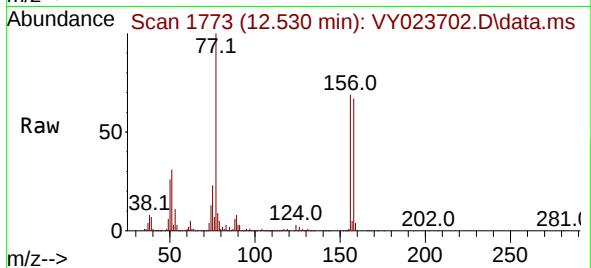
Tgt Ion:156 Resp: 320580

Ion Ratio Lower Upper

156 100

77 161.3 77.9 233.7

158 97.1 48.5 145.5



#78

n-propylbenzene

Concen: 51.883 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY023702.D

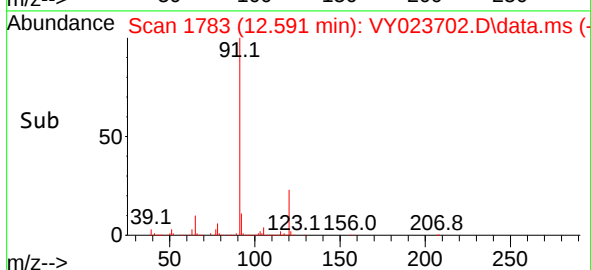
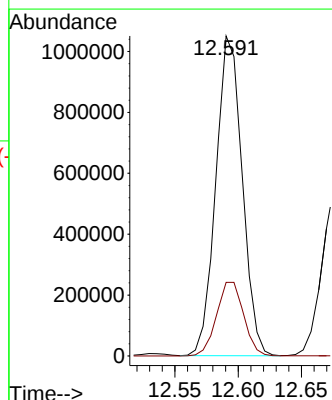
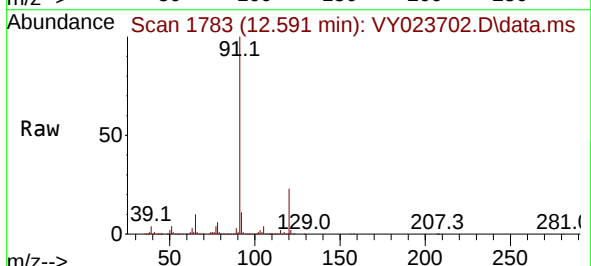
Acq: 06 Nov 2025 15:40

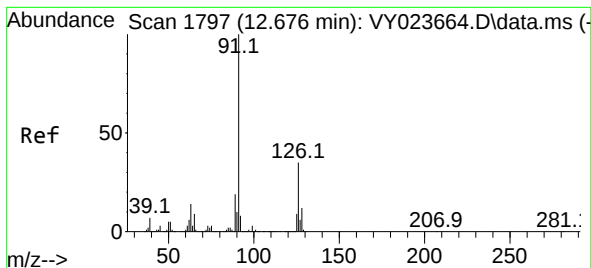
Tgt Ion: 91 Resp: 1521076

Ion Ratio Lower Upper

91 100

120 23.7 12.0 36.1

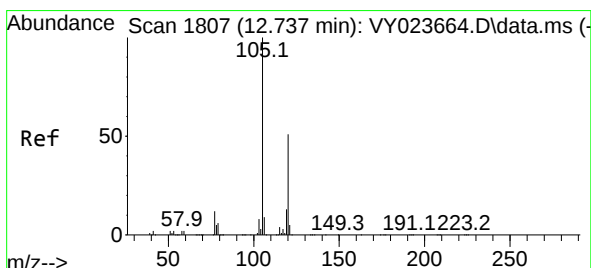
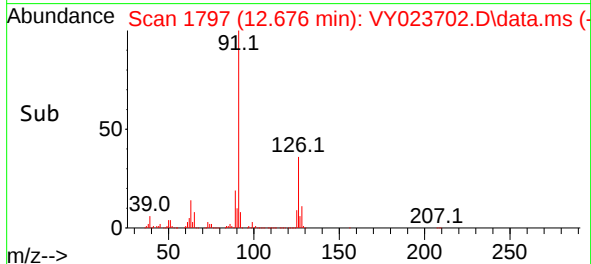
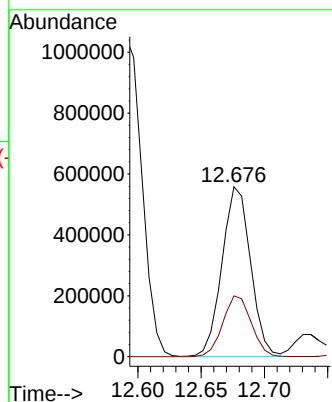
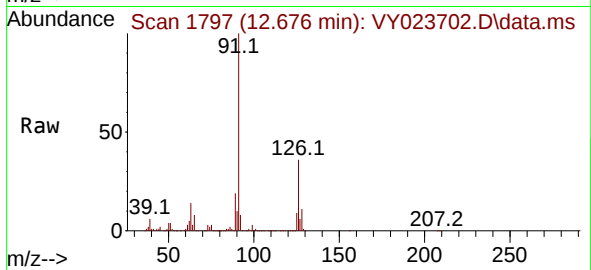




#79
2-Chlorotoluene
Concen: 51.463 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

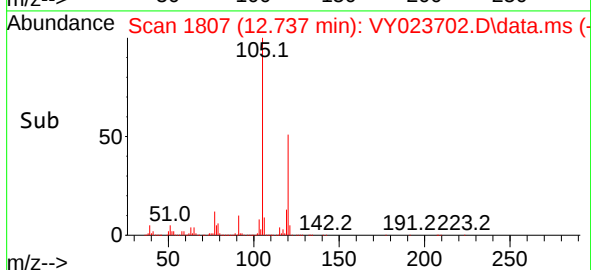
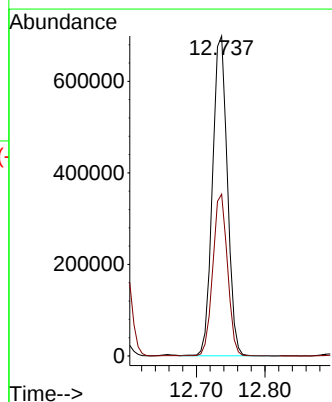
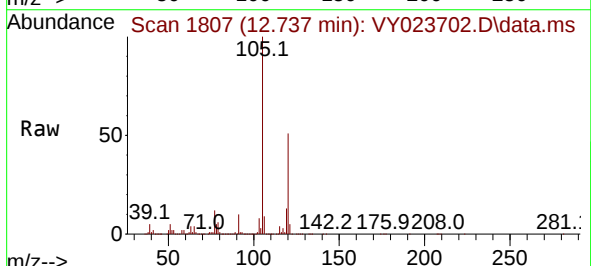
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

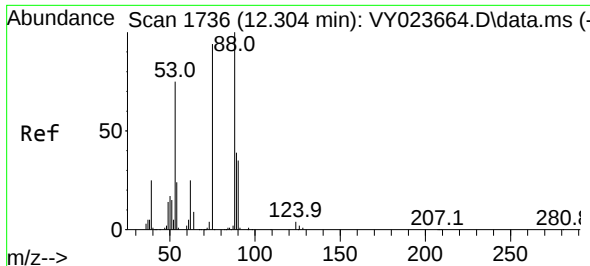
Tgt Ion: 91 Resp: 875514
Ion Ratio Lower Upper
91 100
126 35.7 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 51.976 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 105 Resp: 1052552
Ion Ratio Lower Upper
105 100
120 50.0 25.4 76.2

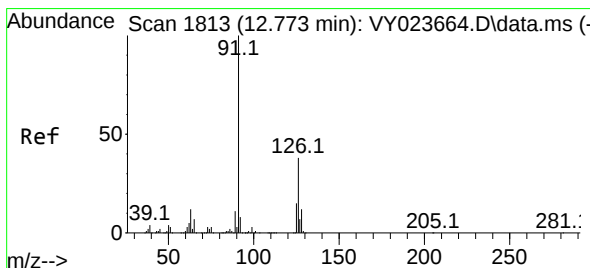
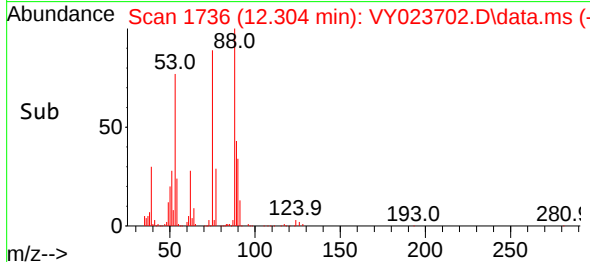
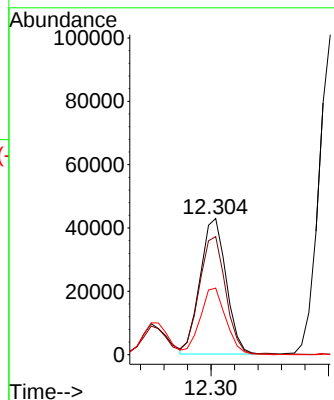
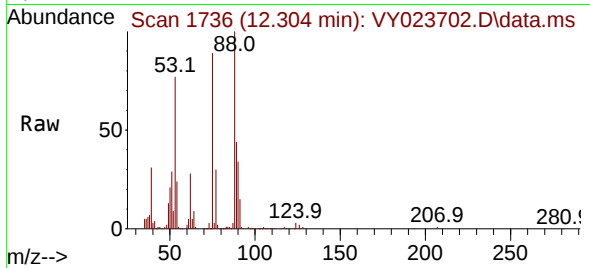




#81
trans-1,4-Dichloro-2-butene
Concen: 49.597 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

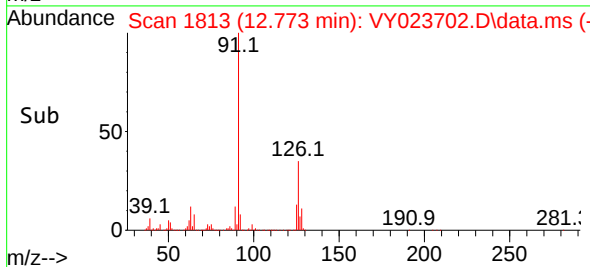
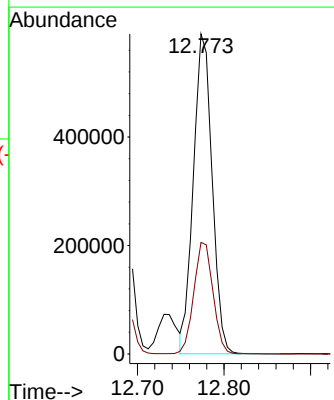
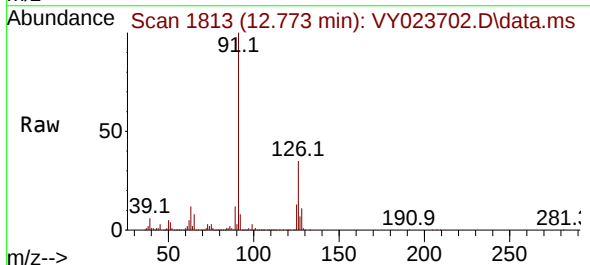
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

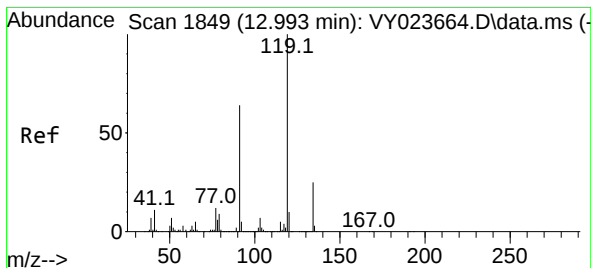
Tgt Ion: 75 Resp: 66189
Ion Ratio Lower Upper
75 100
53 88.2 69.6 104.4
89 48.6 38.2 57.4



#82
4-Chlorotoluene
Concen: 50.545 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 91 Resp: 886815
Ion Ratio Lower Upper
91 100
126 35.8 18.1 54.4

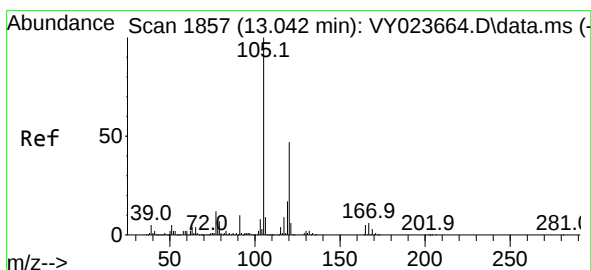
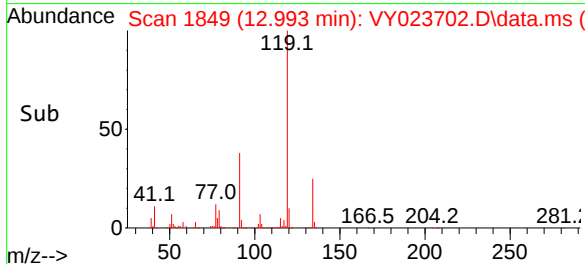
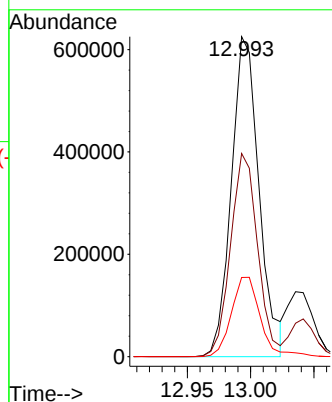
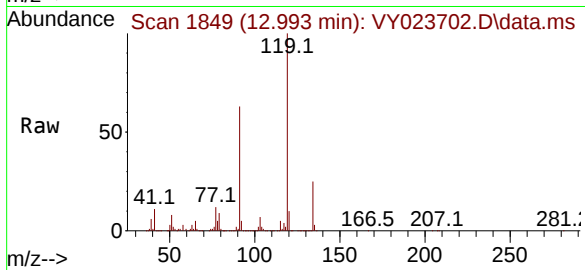




#83
tert-Butylbenzene
Concen: 51.724 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

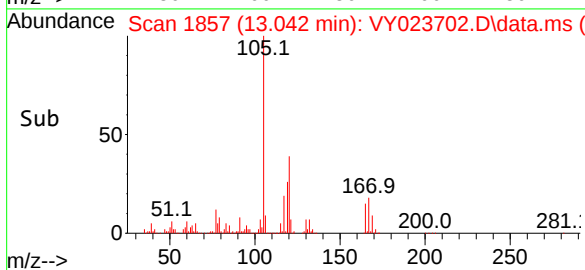
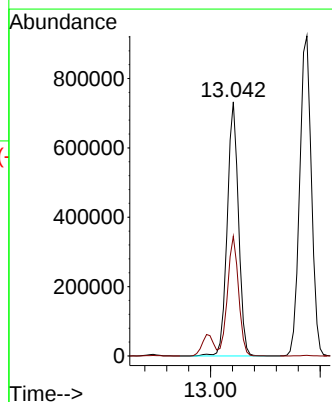
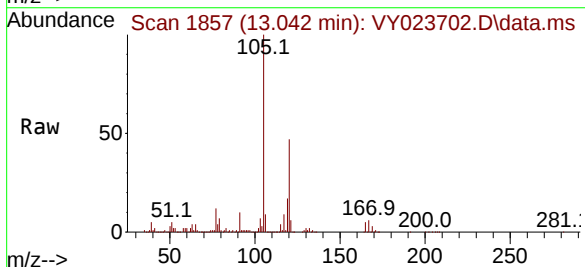
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

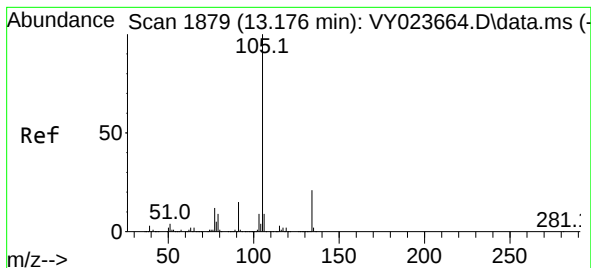
Tgt Ion:119 Resp: 954002
Ion Ratio Lower Upper
119 100
91 62.0 30.7 92.1
134 26.0 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 52.167 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion:105 Resp: 1046344
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.075 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

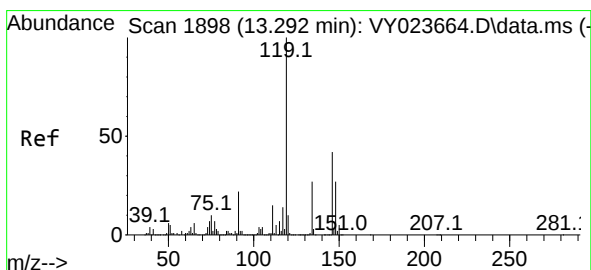
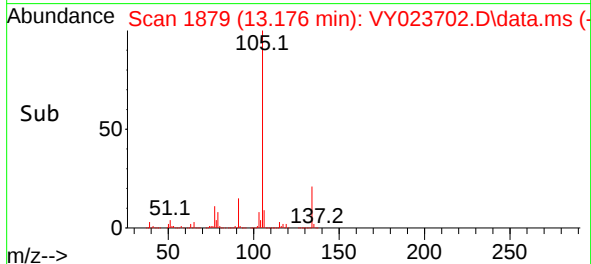
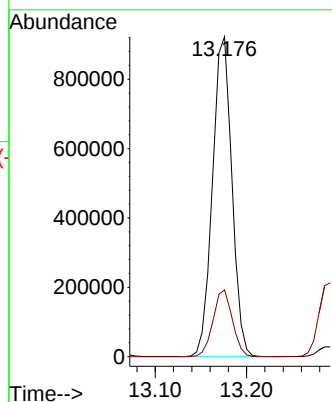
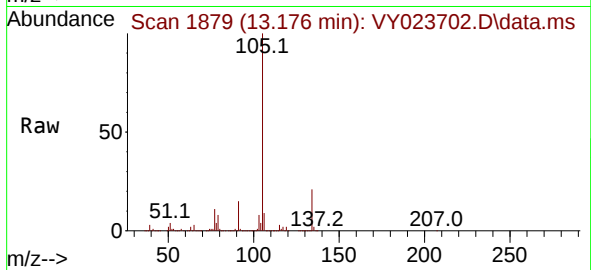
VSTDCCC050EC

Tgt Ion:105 Resp: 1358711

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 51.523 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

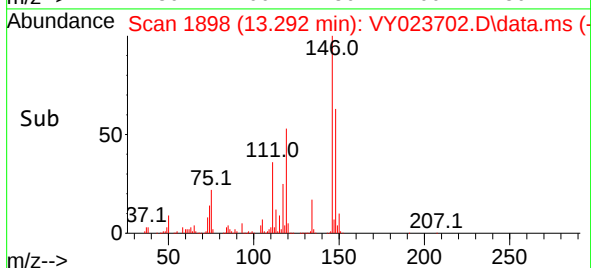
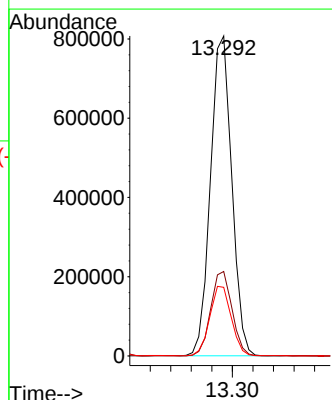
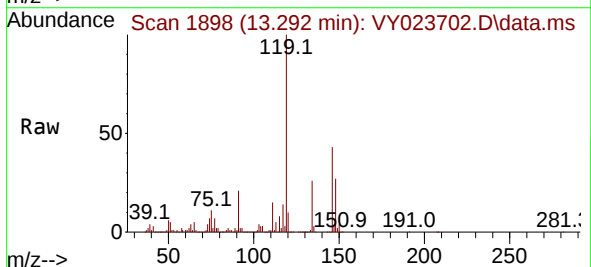
Tgt Ion:119 Resp: 1160313

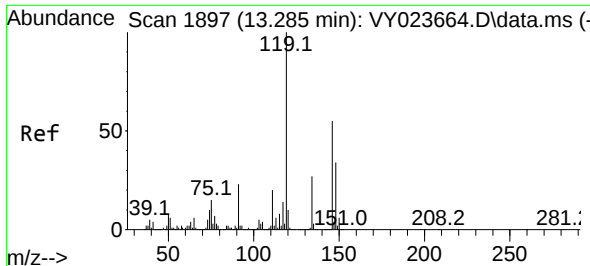
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.0 11.1 33.1

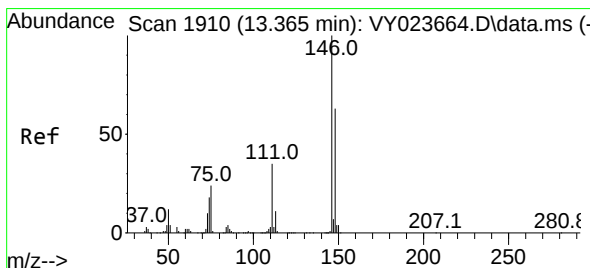
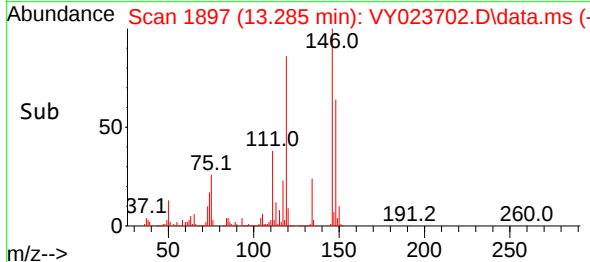
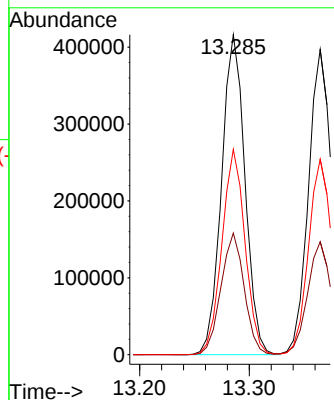
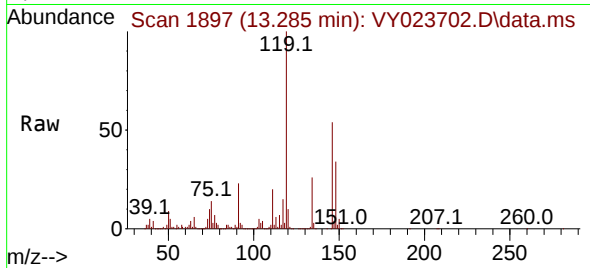




#87
 1,3-Dichlorobenzene
 Concen: 48.611 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023702.D
 Acq: 06 Nov 2025 15:40

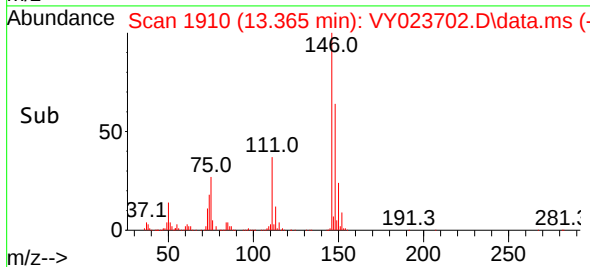
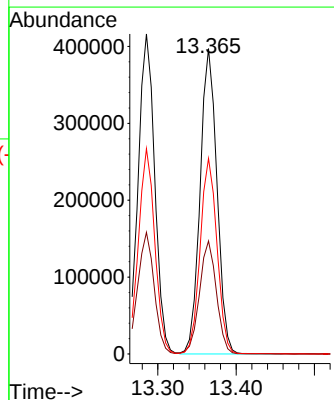
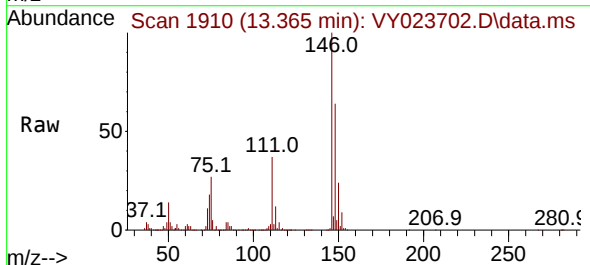
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

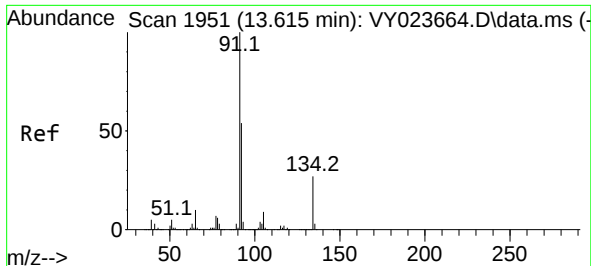
Tgt Ion:146 Resp: 618569
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.3
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.476 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023702.D
 Acq: 06 Nov 2025 15:40

Tgt Ion:146 Resp: 593431
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.3 54.8
 148 64.0 31.8 95.3

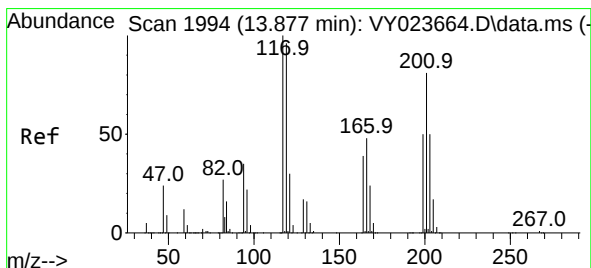
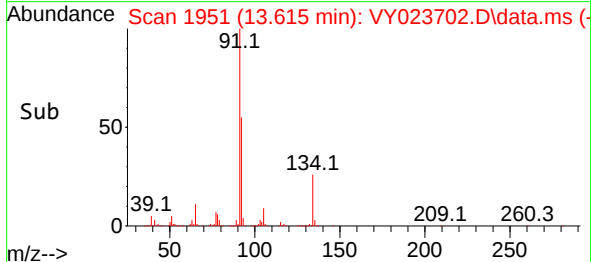
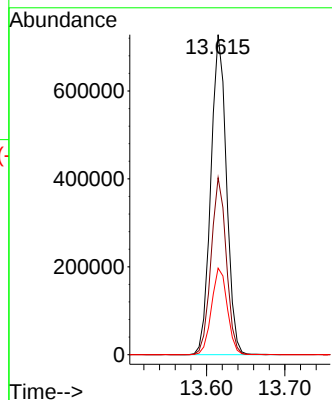
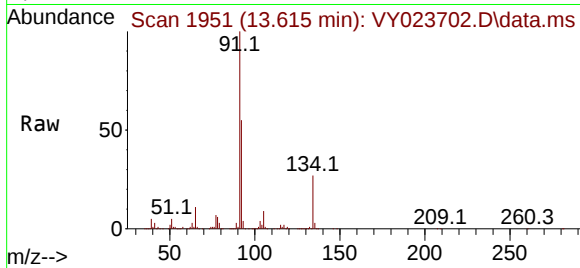




#89
n-Butylbenzene
Concen: 51.333 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

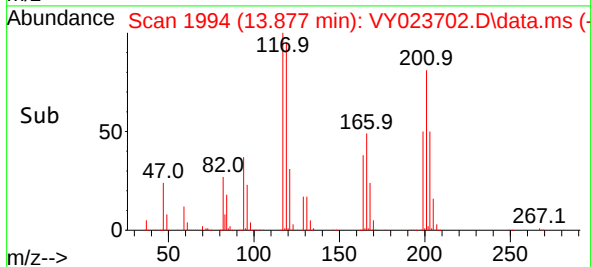
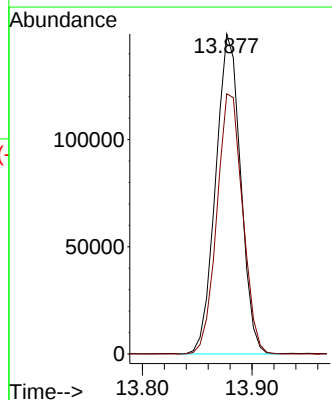
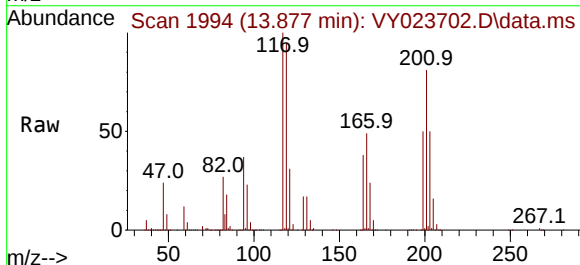
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

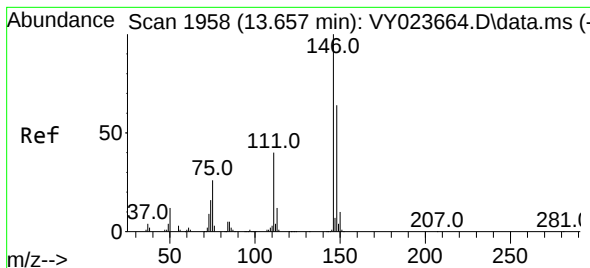
Tgt Ion: 91 Resp: 1005248
Ion Ratio Lower Upper
91 100
92 54.1 26.5 79.4
134 27.3 13.7 41.1



#90
Hexachloroethane
Concen: 48.792 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023702.D
Acq: 06 Nov 2025 15:40

Tgt Ion: 117 Resp: 236134
Ion Ratio Lower Upper
117 100
201 83.9 42.3 126.8





#91

1,2-Dichlorobenzene

Concen: 48.889 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

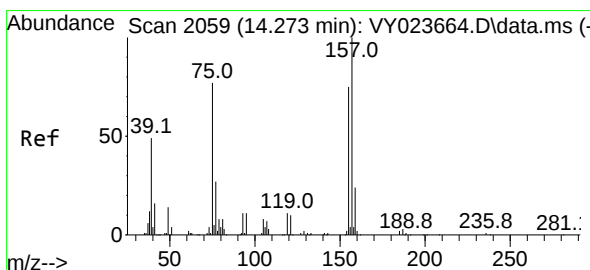
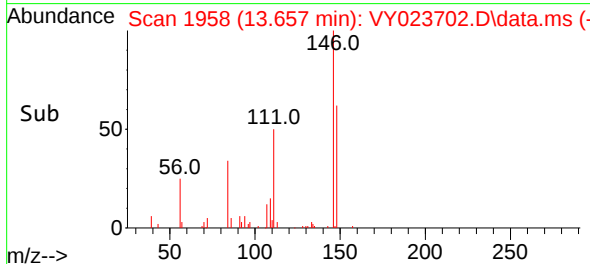
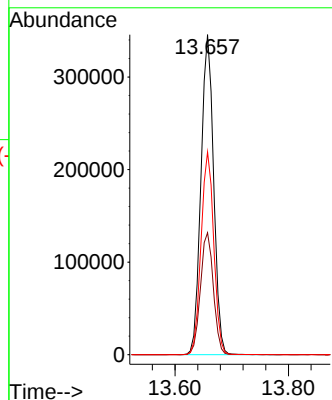
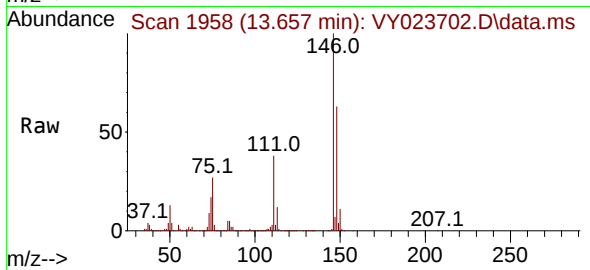
Tgt Ion:146 Resp: 536121

Ion Ratio Lower Upper

146 100

111 38.9 19.5 58.5

148 63.6 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.475 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

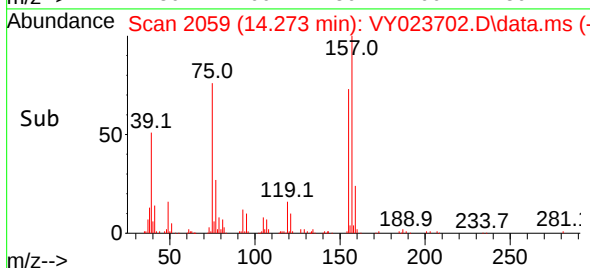
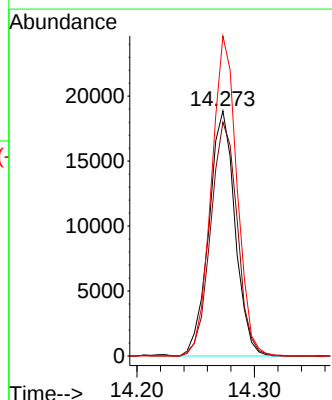
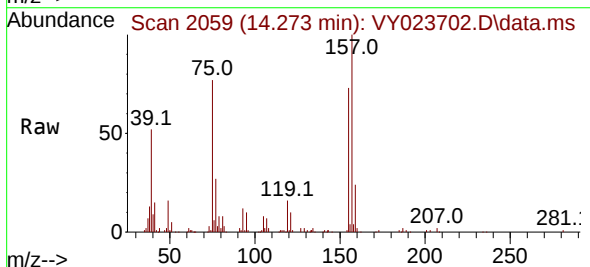
Tgt Ion: 75 Resp: 29098

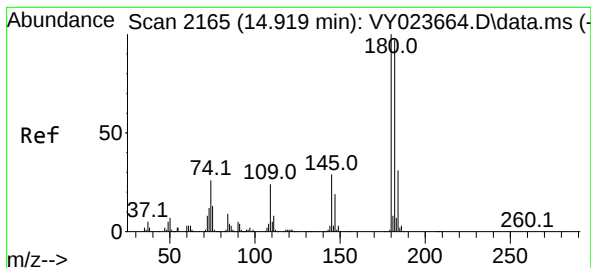
Ion Ratio Lower Upper

75 100

155 97.1 49.4 148.2

157 127.7 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 48.409 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

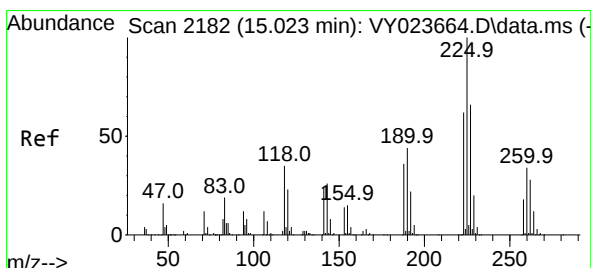
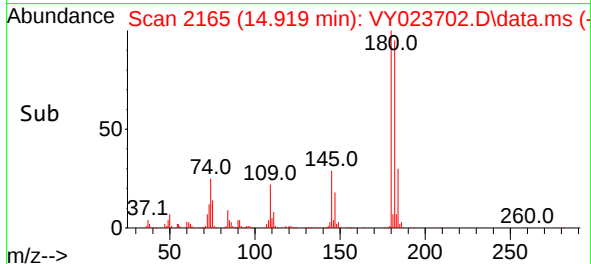
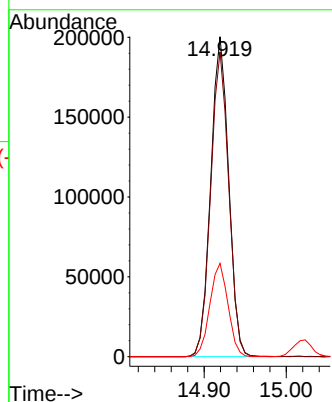
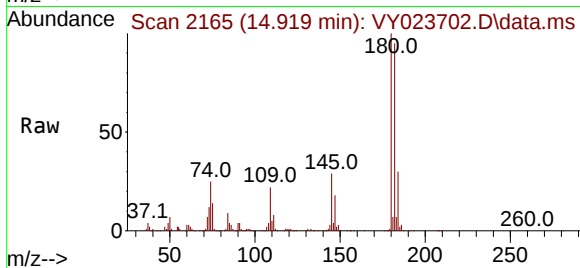
Tgt Ion:180 Resp: 303644

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.6

145 29.5 14.4 43.4



#94

Hexachlorobutadiene

Concen: 46.355 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

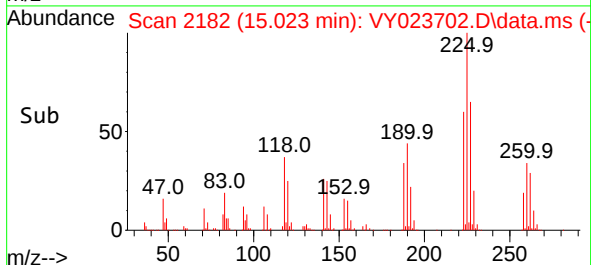
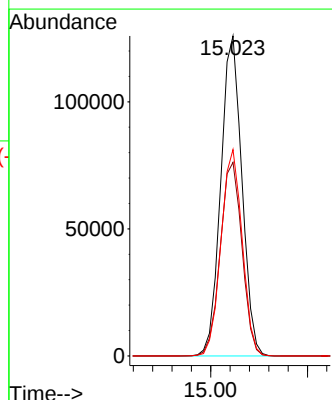
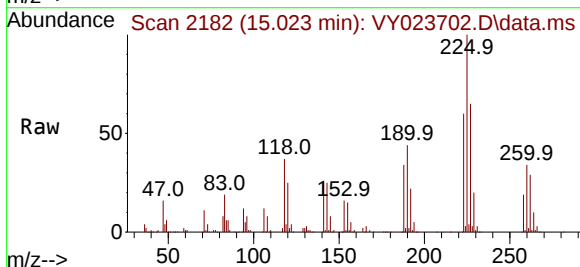
Tgt Ion:225 Resp: 190511

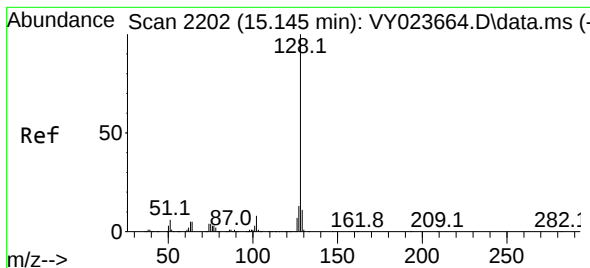
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 64.6 32.0 96.2





#95

Naphthalene

Concen: 44.619 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

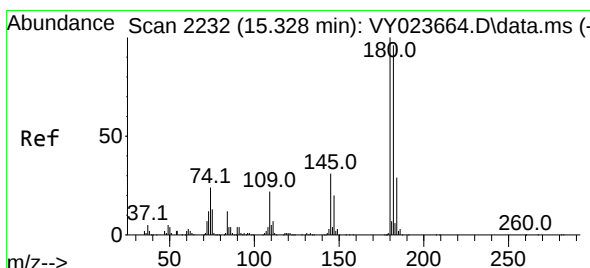
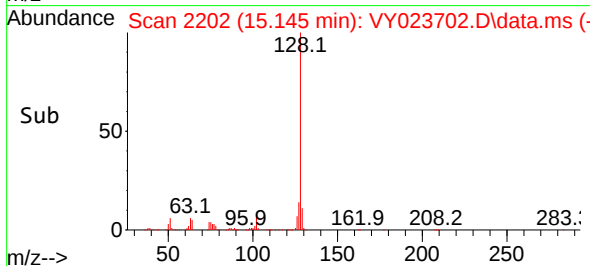
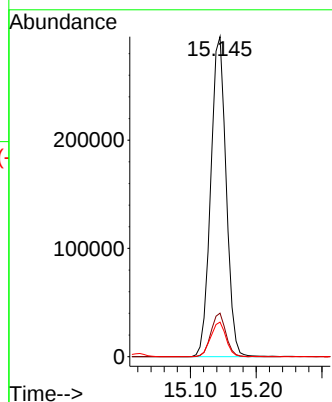
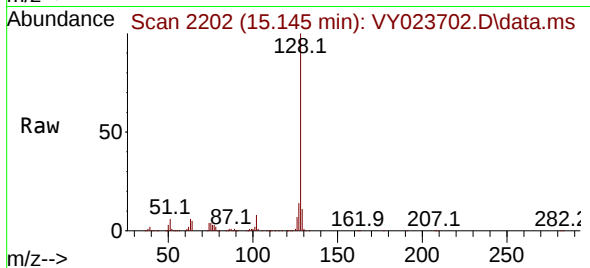
Tgt Ion:128 Resp: 482347

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.277 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023702.D

Acq: 06 Nov 2025 15:40

Tgt Ion:180 Resp: 258242

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.6

145 30.9 15.5 46.5

