

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023321.D
 Acq On : 10 Sep 2025 09:09
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 11 03:45:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	519574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	748186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	662487	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	341214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	221718	48.563	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.634	113	235795	51.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.120%
50) Toluene-d8	10.109	98	911219	52.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.407	95	290407	53.436	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.880%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.866	85	189632	45.493	ug/l	99
3) Chloromethane	2.074	50	291807	48.922	ug/l	99
4) Vinyl Chloride	2.208	62	369270	49.142	ug/l	99
5) Bromomethane	2.598	94	282699	46.075	ug/l	97
6) Chloroethane	2.738	64	253161	49.784	ug/l	97
7) Trichlorofluoromethane	3.061	101	471485	49.712	ug/l	99
8) Diethyl Ether	3.458	74	119712	47.703	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.817	101	250549	49.122	ug/l	96
10) Methyl Iodide	4.006	142	298490	50.167	ug/l	99
11) Tert butyl alcohol	4.854	59	61158	231.830	ug/l	100
12) 1,1-Dichloroethene	3.793	96	239212	48.753	ug/l	92
13) Acrolein	3.653	56	91223	204.542	ug/l	100
14) Allyl chloride	4.390	41	300442	48.472	ug/l	98
15) Acrylonitrile	5.061	53	235143	238.021	ug/l	100
16) Acetone	3.872	43	299136	287.642	ug/l	100
17) Carbon Disulfide	4.110	76	758952	48.856	ug/l	99
18) Methyl Acetate	4.390	43	119534	46.857	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	561527	48.672	ug/l	98
20) Methylene Chloride	4.622	84	279598	50.252	ug/l	92
21) trans-1,2-Dichloroethene	5.116	96	272318	49.672	ug/l	97
22) Diisopropyl ether	6.018	45	687383	49.796	ug/l	95
23) Vinyl Acetate	5.963	43	1894133	248.208	ug/l	98
24) 1,1-Dichloroethane	5.921	63	443737	49.148	ug/l	98
25) 2-Butanone	6.896	43	333198	260.320	ug/l	95
26) 2,2-Dichloropropane	6.890	77	397490	49.861	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	308636	49.714	ug/l	94
28) Bromochloromethane	7.243	49	173875	48.943	ug/l	89
29) Tetrahydrofuran	7.268	42	182209	240.002	ug/l	95
30) Chloroform	7.420	83	475647	49.031	ug/l	99
31) Cyclohexane	7.707	56	382505	47.876	ug/l	96
32) 1,1,1-Trichloroethane	7.621	97	431761	49.816	ug/l	98
36) 1,1-Dichloropropene	7.835	75	341954	52.497	ug/l	98
37) Ethyl Acetate	6.987	43	132361	51.081	ug/l	99
38) Carbon Tetrachloride	7.823	117	393467	52.496	ug/l	99
39) Methylcyclohexane	9.109	83	448964	53.877	ug/l	96
40) Benzene	8.085	78	1055477	52.131	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	61006	45.464	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	263395	51.097	ug/l	99
43) Isopropyl Acetate	8.201	43	249229	49.452	ug/l	95
44) Trichloroethene	8.865	130	293515	52.047	ug/l	98
45) 1,2-Dichloropropane	9.139	63	234770	51.343	ug/l	99
46) Dibromomethane	9.231	93	143741	51.618	ug/l	97
47) Bromodichloromethane	9.426	83	360519	51.462	ug/l	99
48) Methyl methacrylate	9.225	41	124448	52.977	ug/l	96
49) 1,4-Dioxane	9.231	88	27611	976.782	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	669479	259.653	ug/l	97
52) Toluene	10.170	92	692820	53.921	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	311728	51.683	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	373238	51.787	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	189504	51.159	ug/l	98
56) Ethyl methacrylate	10.438	69	227437	52.997	ug/l	95
57) 1,3-Dichloropropane	10.718	76	309542	51.474	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	515375	275.537	ug/l	95
59) 2-Hexanone	10.761	43	492364	276.233	ug/l	97
60) Dibromochloromethane	10.914	129	263951	52.518	ug/l	99
61) 1,2-Dibromoethane	11.017	107	179822	51.806	ug/l	100
64) Tetrachloroethene	10.645	164	356384	53.975	ug/l	98
65) Chlorobenzene	11.444	112	751392	51.773	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	263806	51.786	ug/l	98
67) Ethyl Benzene	11.517	91	1286522	54.259	ug/l	99
68) m/p-Xylenes	11.627	106	1036273	109.147	ug/l	96
69) o-Xylene	11.956	106	476060	54.165	ug/l	98
70) Styrene	11.968	104	792436	54.402	ug/l	98
71) Bromoform	12.133	173	154703	50.996	ug/l #	98
73) Isopropylbenzene	12.255	105	1235422	53.751	ug/l	99
74) N-amyl acetate	12.072	43	221496	50.983	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	188779	48.939	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	262964	76.102	ug/l #	100
77) Bromobenzene	12.529	156	302506	51.516	ug/l	94
78) n-propylbenzene	12.596	91	1480021	54.634	ug/l	98
79) 2-Chlorotoluene	12.682	91	834260	53.468	ug/l	98
80) 1,3,5-Trimethylbenzene	12.736	105	1014532	54.272	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	64972	51.277	ug/l	95
82) 4-Chlorotoluene	12.779	91	852325	52.206	ug/l	97
83) tert-Butylbenzene	12.999	119	909232	53.703	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	1003523	54.265	ug/l	98
85) sec-Butylbenzene	13.175	105	1327932	53.907	ug/l	99
86) p-Isopropyltoluene	13.291	119	1129738	54.293	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	594025	51.122	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	578315	50.249	ug/l	99
89) n-Butylbenzene	13.614	91	1006033	54.516	ug/l	99
90) Hexachloroethane	13.876	117	227728	50.481	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	512513	50.588	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29345	48.483	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	300646	50.874	ug/l	99
94) Hexachlorobutadiene	15.023	225	191619	52.443	ug/l	99
95) Naphthalene	15.145	128	482930	50.843	ug/l	100
96) 1,2,3-Trichlorobenzene	15.327	180	260012	50.662	ug/l	98

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ClientSampleId :
VSTDCCC050

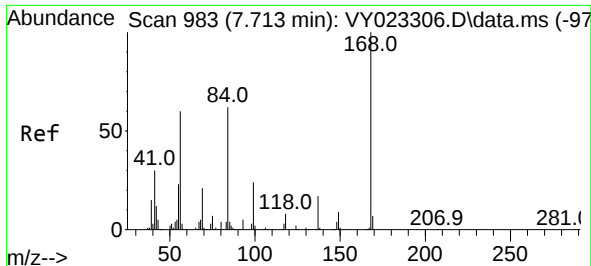
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QLast Update : Wed Sep 10 01:44:33 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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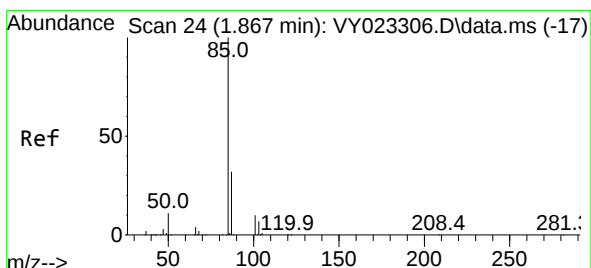
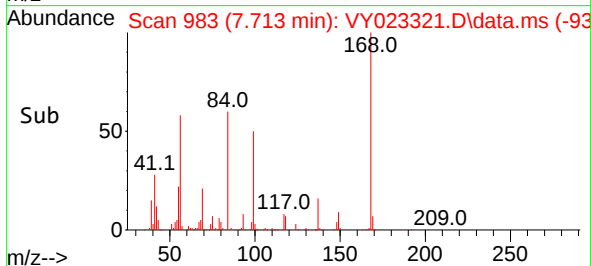
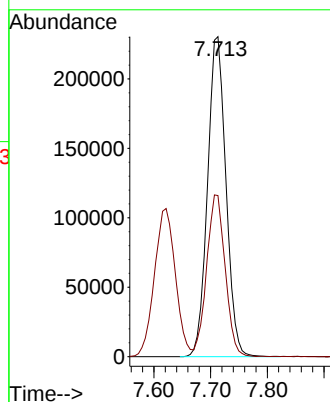
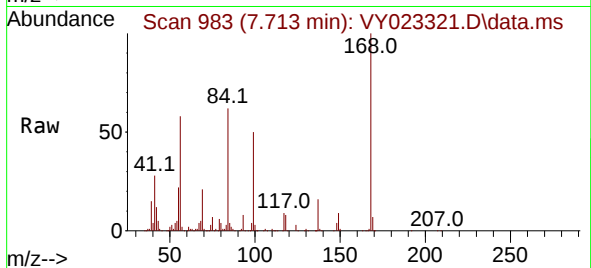




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

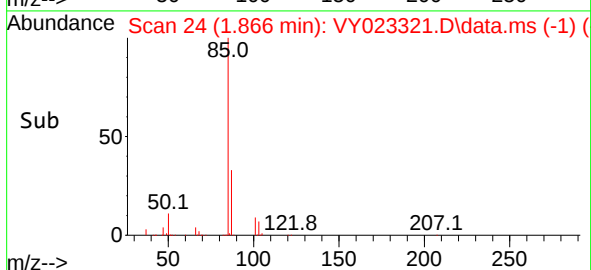
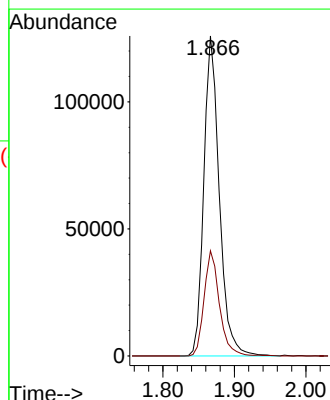
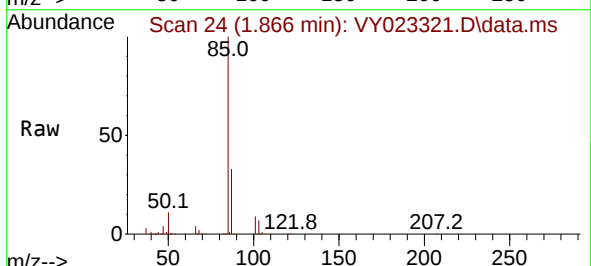
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

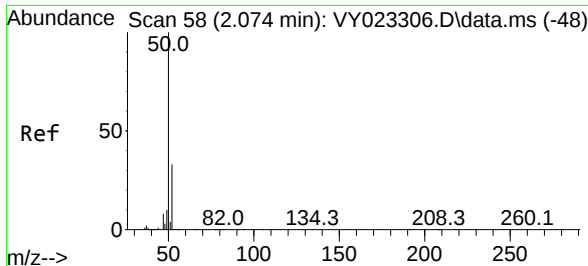
Tgt Ion:168 Resp: 519574
Ion Ratio Lower Upper
168 100
99 50.3 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 45.493 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 85 Resp: 189632
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.8

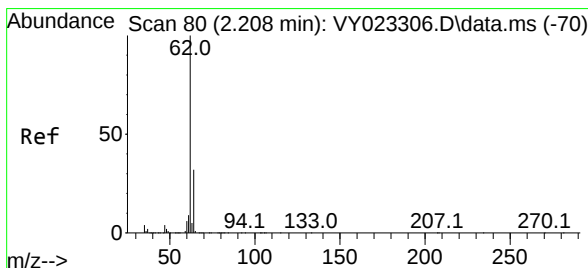
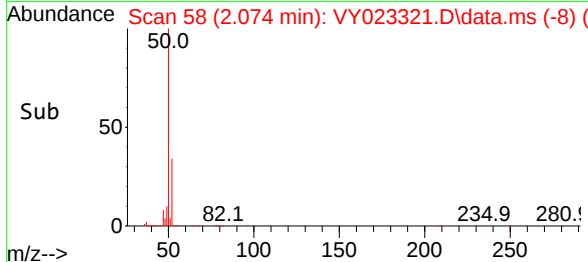
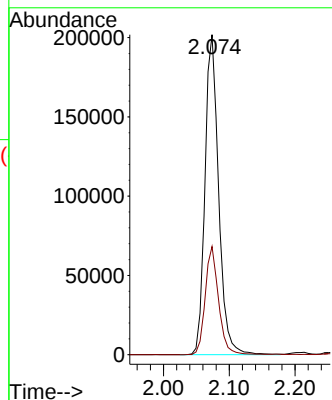
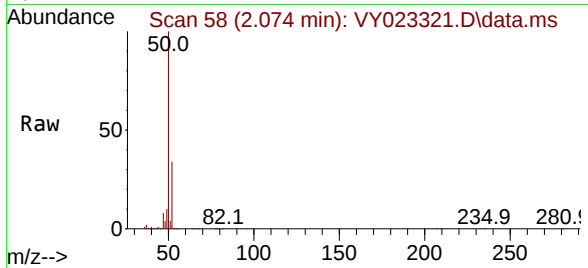




#3
Chloromethane
Concen: 48.922 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

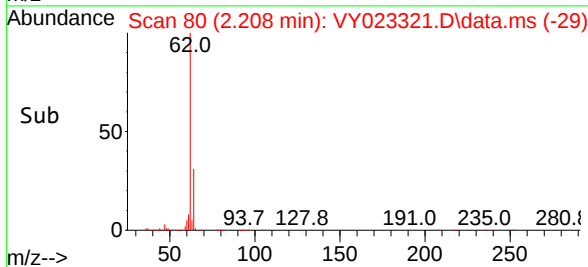
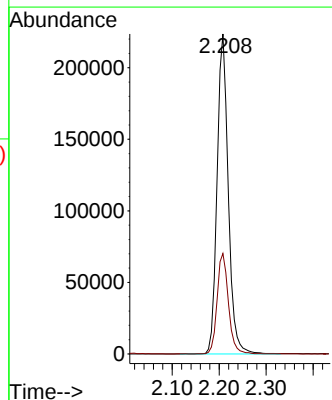
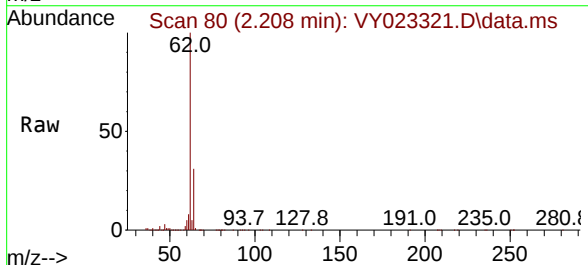
Instrument :
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ClientSampleId :
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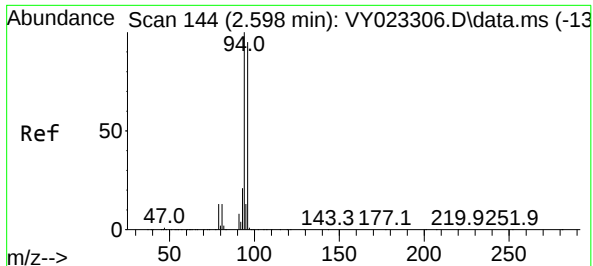
Tgt Ion: 50 Resp: 291807
Ion Ratio Lower Upper
50 100
52 33.8 26.7 40.1



#4
Vinyl Chloride
Concen: 49.142 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 62 Resp: 369270
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

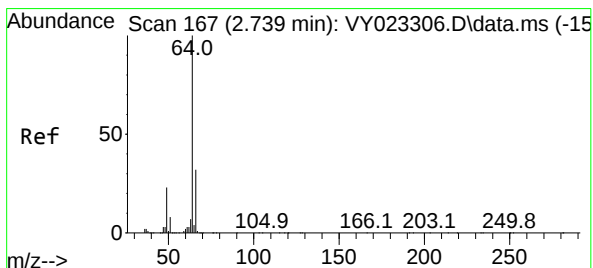
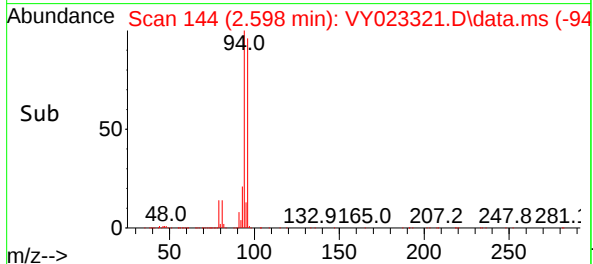
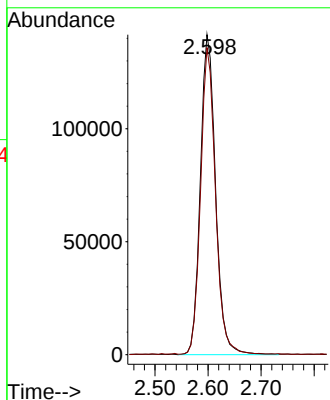
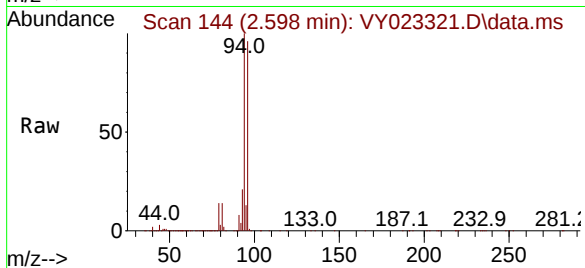




#5
Bromomethane
Concen: 46.075 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

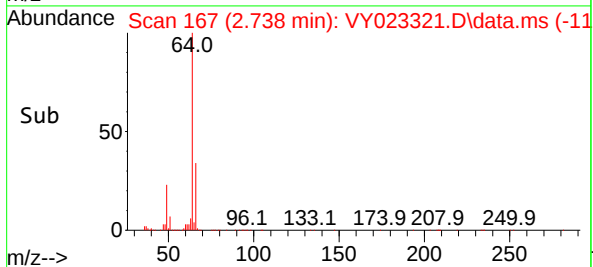
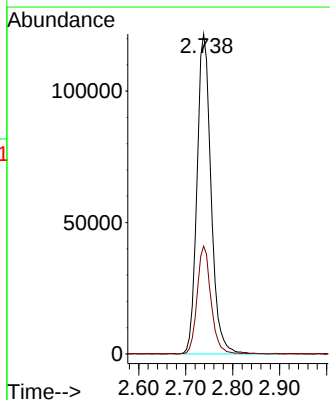
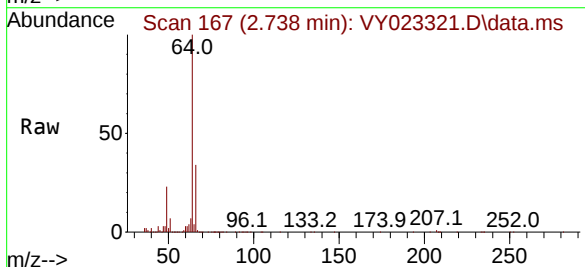
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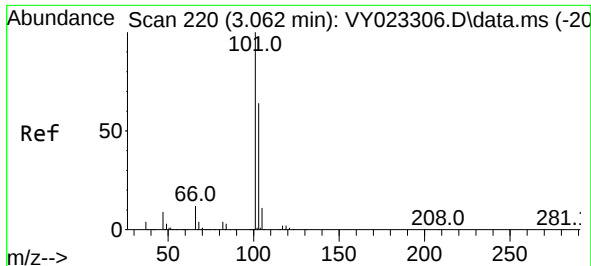
Tgt Ion: 94 Resp: 282699
Ion Ratio Lower Upper
94 100
96 95.8 74.6 112.0



#6
Chloroethane
Concen: 49.784 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 64 Resp: 253161
Ion Ratio Lower Upper
64 100
66 33.7 25.8 38.6

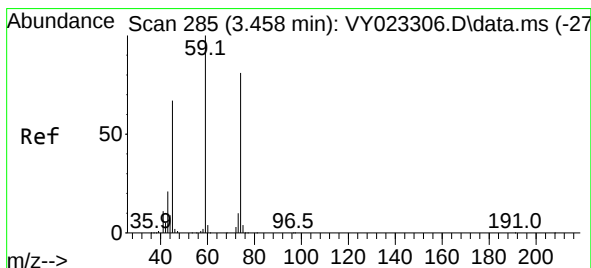
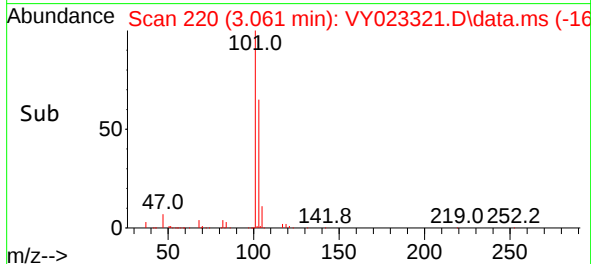
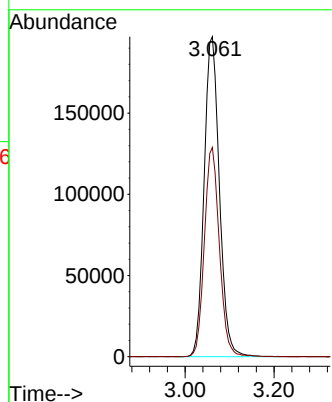
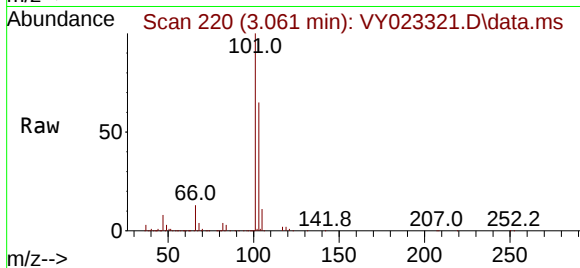




#7
 Trichlorofluoromethane
 Concen: 49.712 ug/l
 RT: 3.061 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY023321.D
 Acq: 10 Sep 2025 09:09

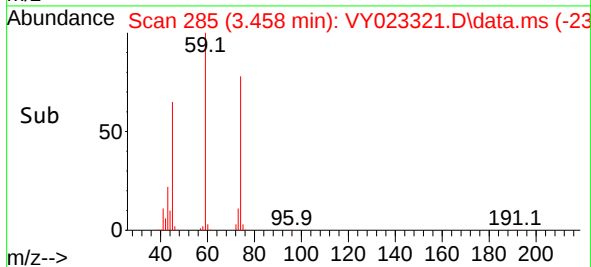
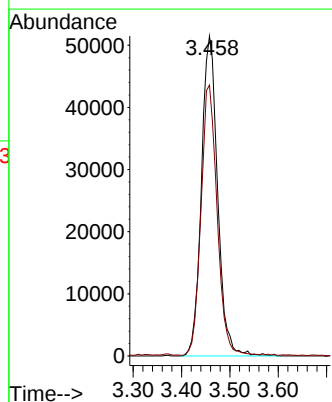
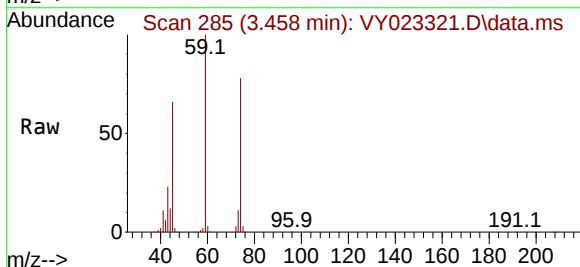
Instrument :
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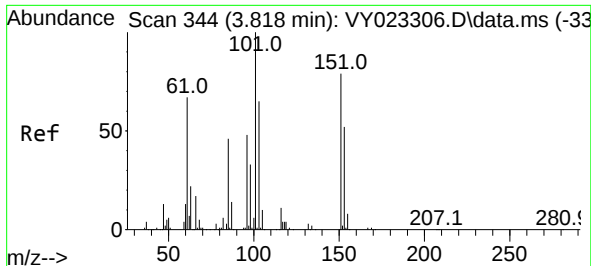
Tgt Ion:101 Resp: 471485
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 47.703 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023321.D
 Acq: 10 Sep 2025 09:09

Tgt Ion: 74 Resp: 119712
 Ion Ratio Lower Upper
 74 100
 45 83.8 44.4 133.2

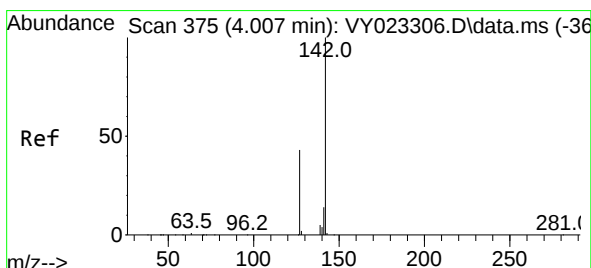
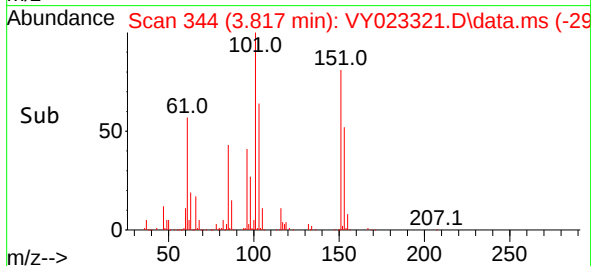
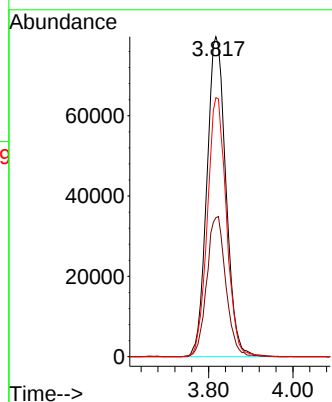
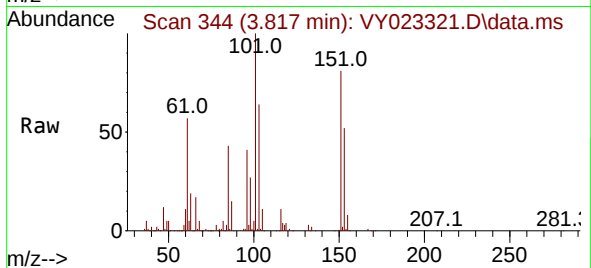




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.122 ug/l
RT: 3.817 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

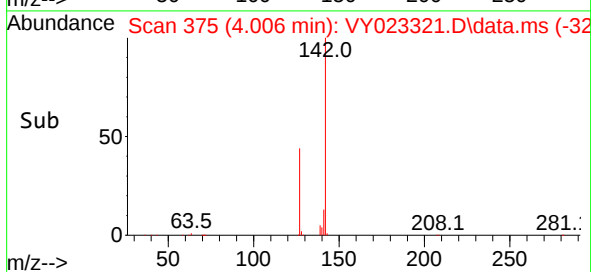
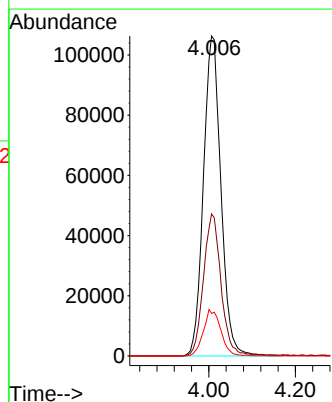
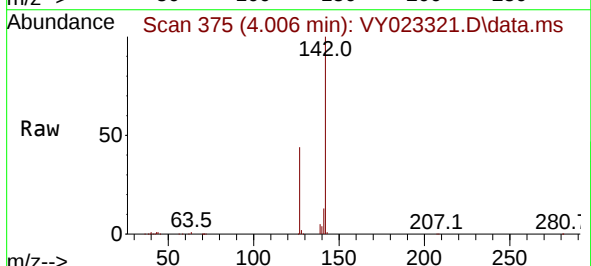
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

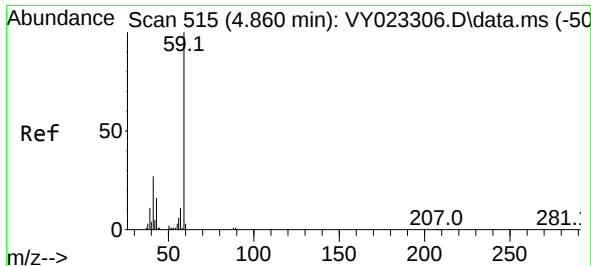
Tgt Ion:101 Resp: 250549
Ion Ratio Lower Upper
101 100
85 43.9 36.3 54.5
151 80.7 61.5 92.3



#10
Methyl Iodide
Concen: 50.167 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion:142 Resp: 298490
Ion Ratio Lower Upper
142 100
127 44.6 34.9 52.3
141 14.5 11.3 16.9

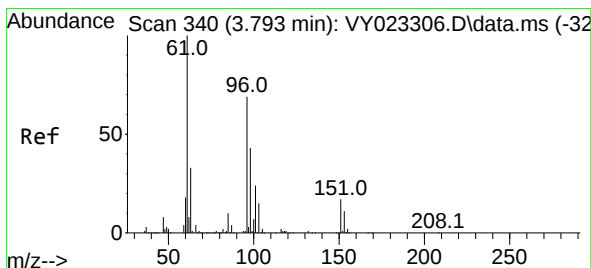
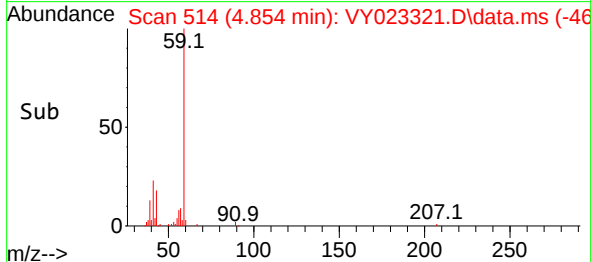
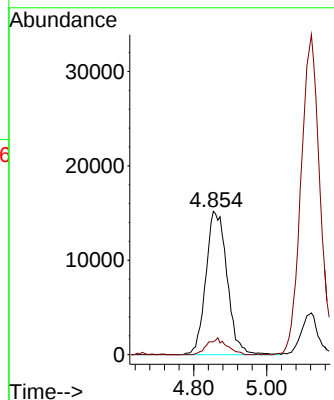
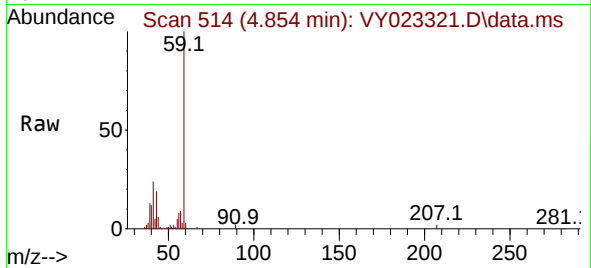




#11
Tert butyl alcohol
Concen: 231.830 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

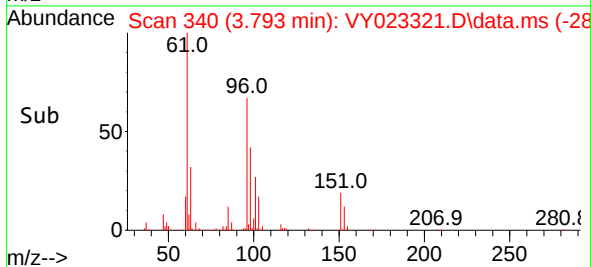
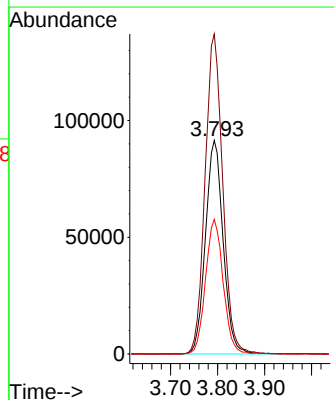
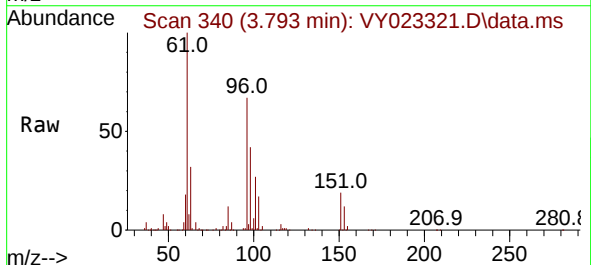
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

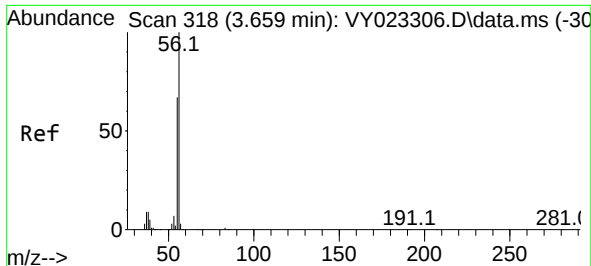
Tgt Ion: 59 Resp: 61158
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 48.753 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 96 Resp: 239212
Ion Ratio Lower Upper
96 100
61 149.8 129.4 194.2
98 63.0 52.8 79.2

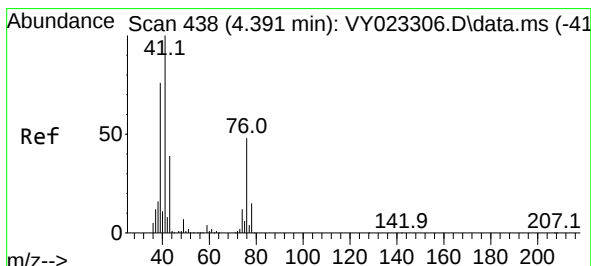
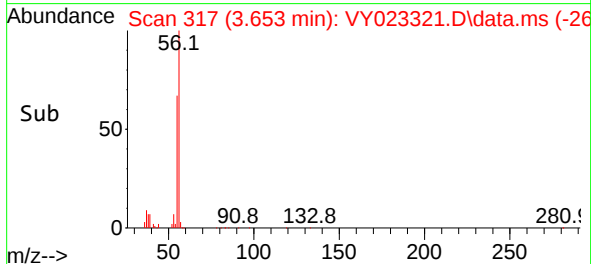
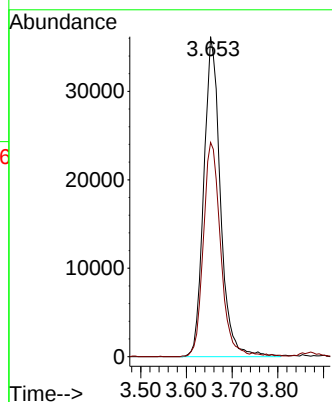
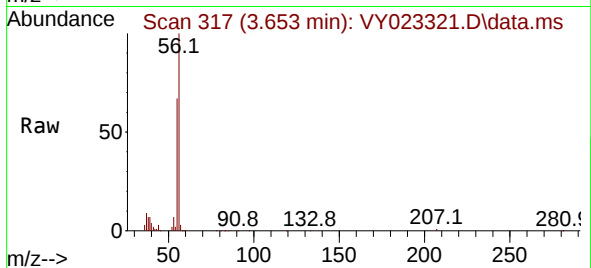




#13
Acrolein
Concen: 204.542 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

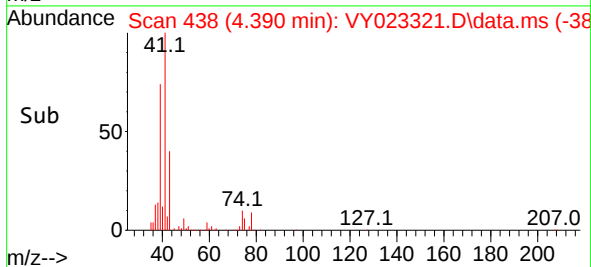
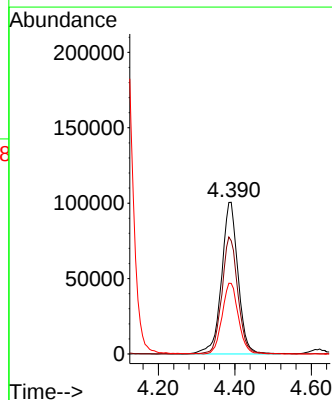
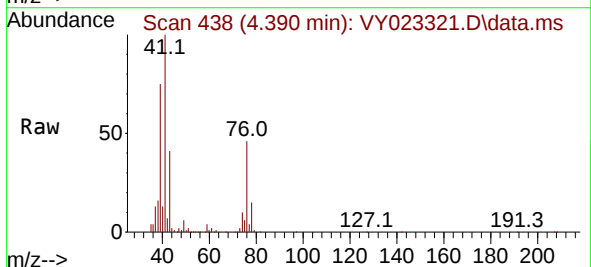
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

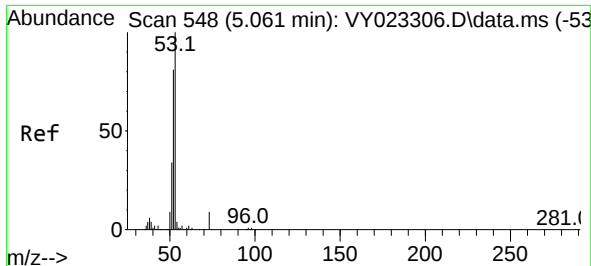
Tgt Ion: 56 Resp: 91223
Ion Ratio Lower Upper
56 100
55 69.3 55.2 82.8



#14
Allyl chloride
Concen: 48.472 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 41 Resp: 300442
Ion Ratio Lower Upper
41 100
39 75.1 59.8 89.6
76 45.8 33.7 50.5

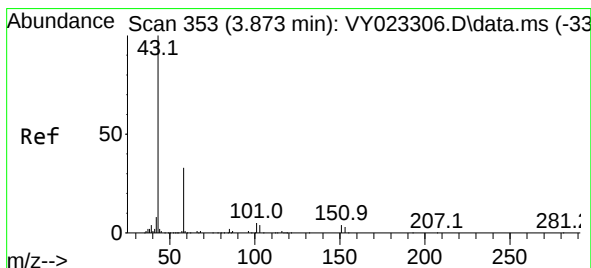
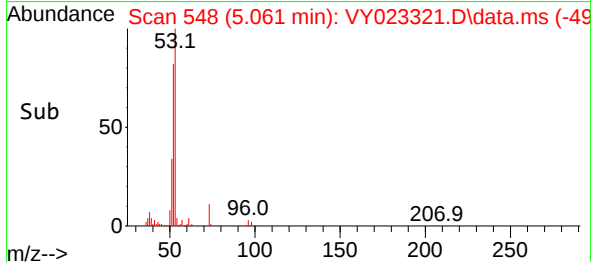
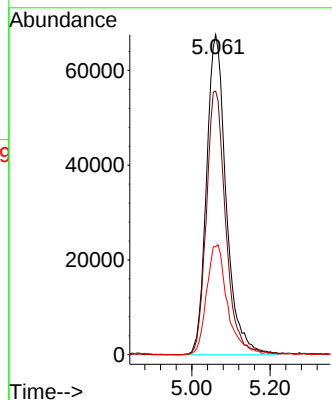
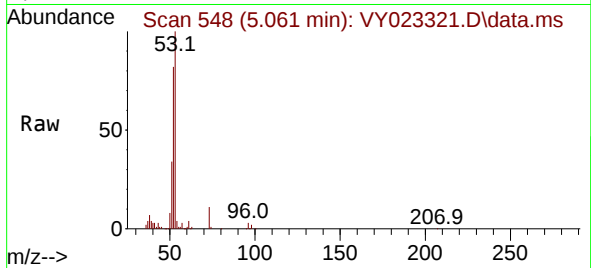




#15
Acrylonitrile
Concen: 238.021 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

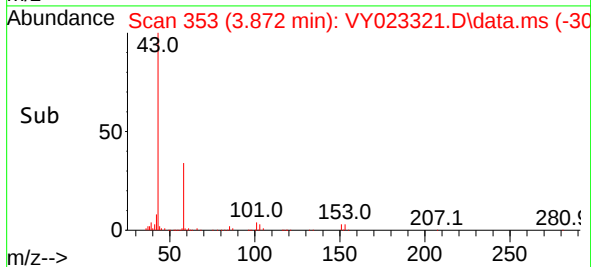
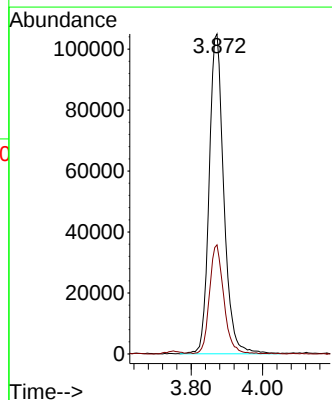
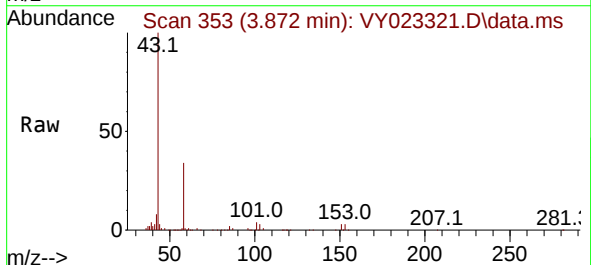
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

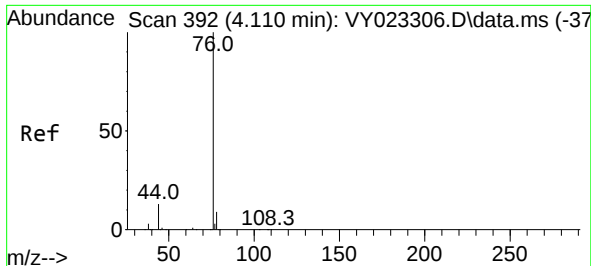
Tgt Ion: 53 Resp: 235143
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 36.5 29.5 44.3



#16
Acetone
Concen: 287.642 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 43 Resp: 299136
Ion Ratio Lower Upper
43 100
58 34.0 27.1 40.7

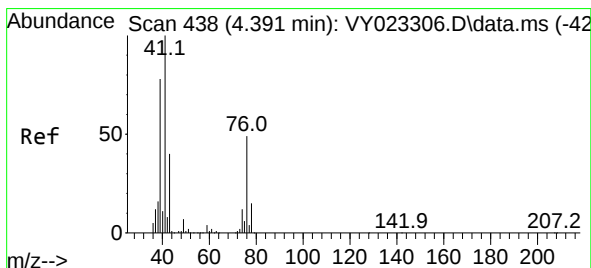
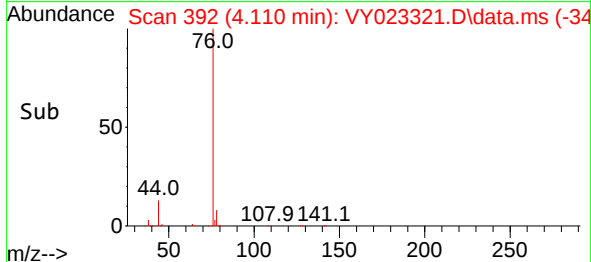
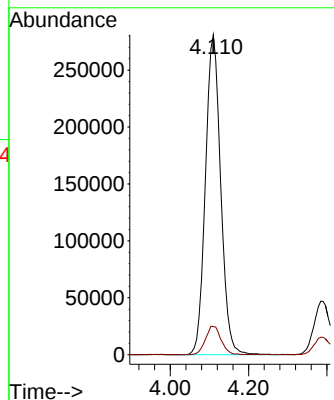
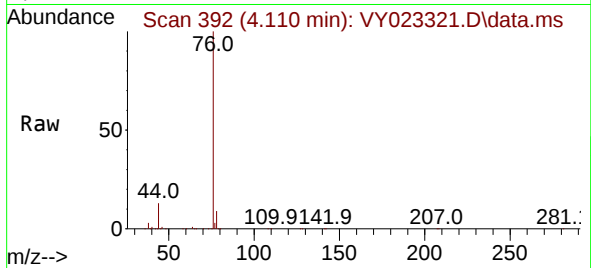




#17
Carbon Disulfide
Concen: 48.856 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

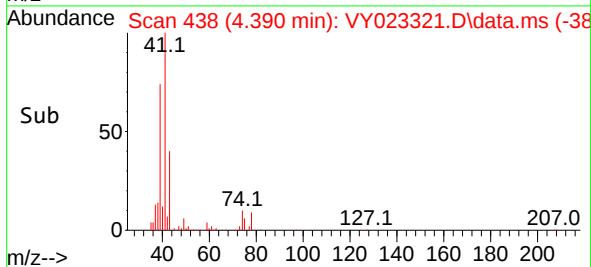
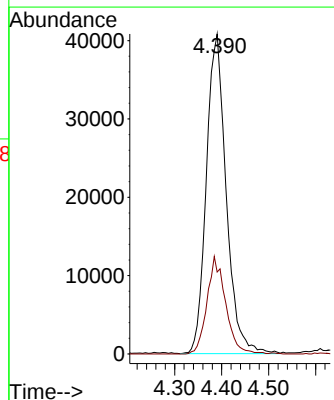
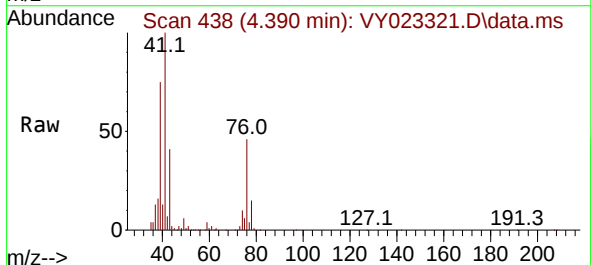
Instrument :
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ClientSampleId :
VSTDCCC050

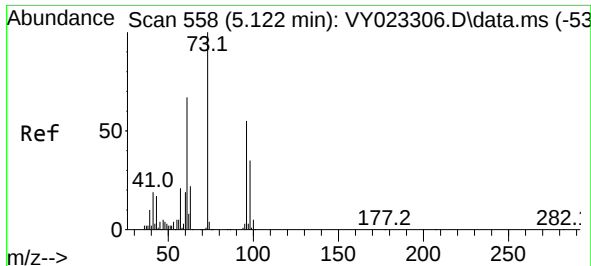
Tgt Ion: 76 Resp: 758952
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 46.857 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 43 Resp: 119534
Ion Ratio Lower Upper
43 100
74 28.7 21.2 31.8

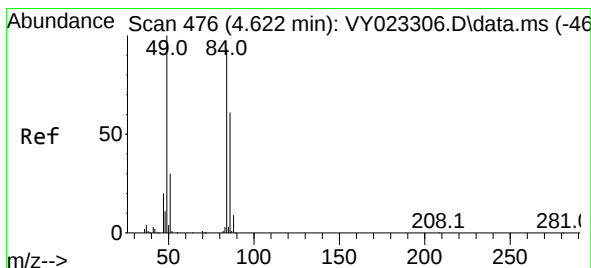
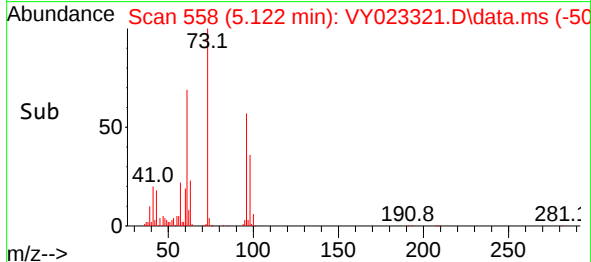
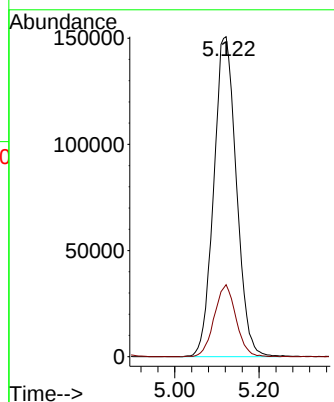
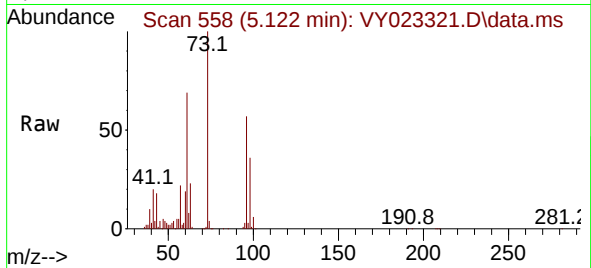




#19
Methyl tert-butyl Ether
Concen: 48.672 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

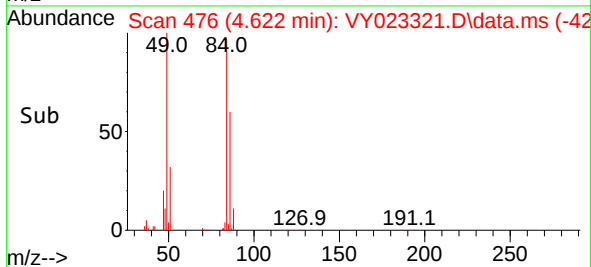
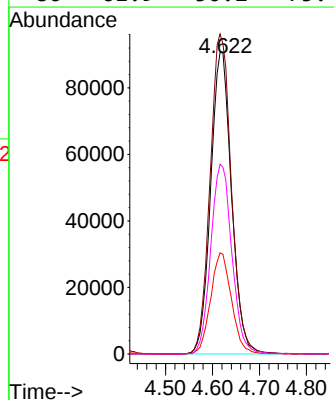
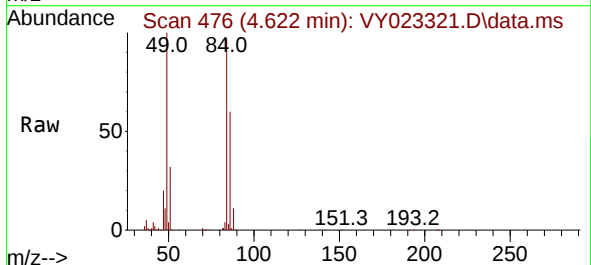
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

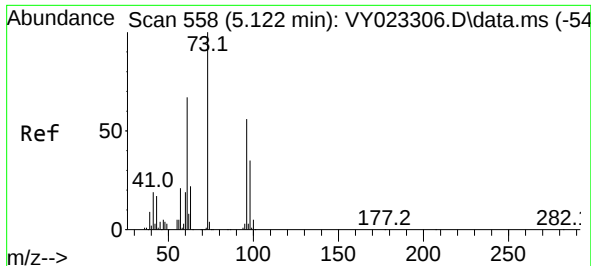
Tgt Ion: 73 Resp: 561527
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 50.252 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 84 Resp: 279598
Ion Ratio Lower Upper
84 100
49 102.8 93.0 139.6
51 33.1 29.0 43.4
86 61.9 50.2 75.4

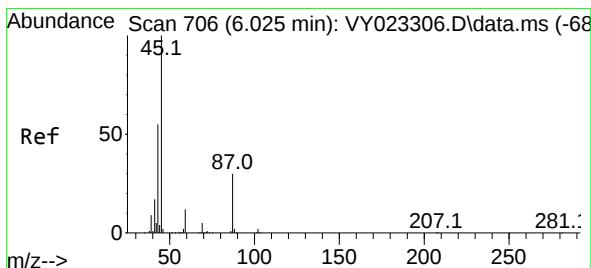
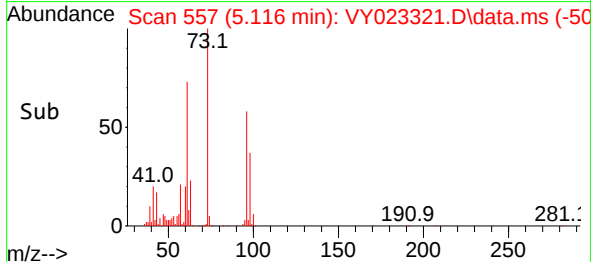
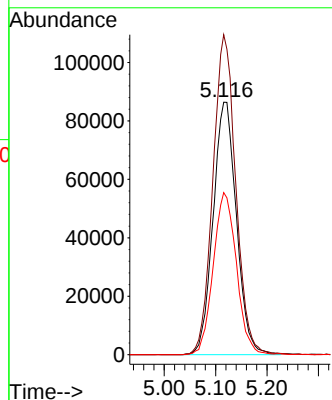
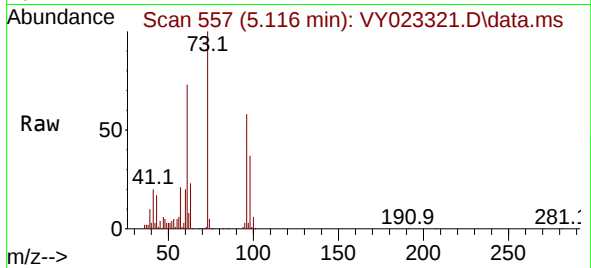




#21
trans-1,2-Dichloroethene
Concen: 49.672 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

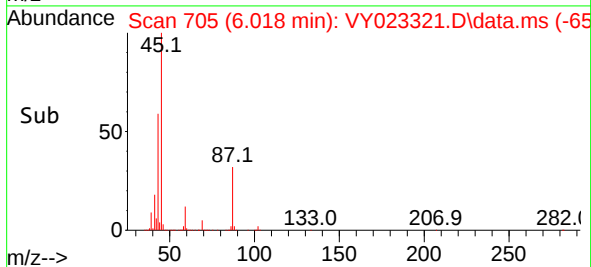
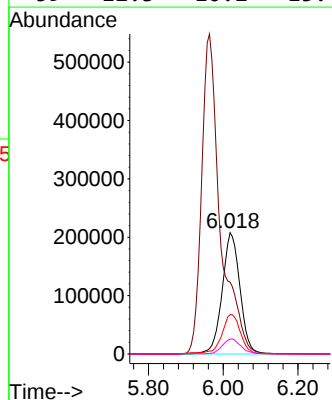
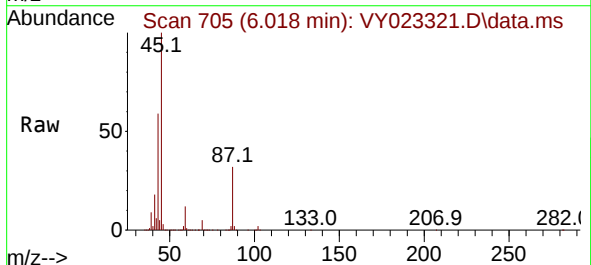
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

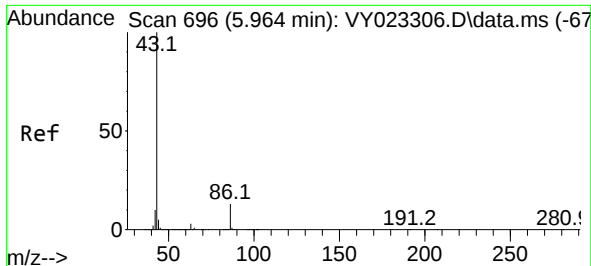
Tgt Ion: 96 Resp: 272318
Ion Ratio Lower Upper
96 100
61 126.7 104.8 157.2
98 64.2 50.1 75.1



#22
Diisopropyl ether
Concen: 49.796 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 45 Resp: 687383
Ion Ratio Lower Upper
45 100
43 59.2 43.4 65.0
87 32.3 24.4 36.6
59 12.3 10.2 15.4

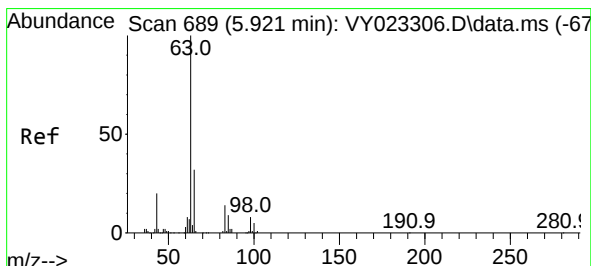
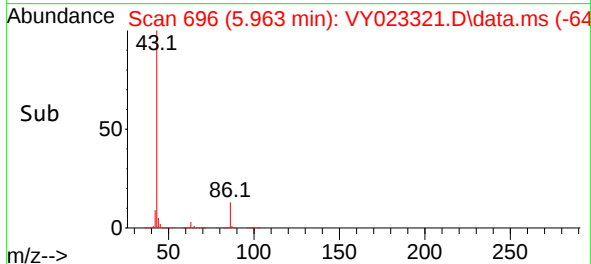
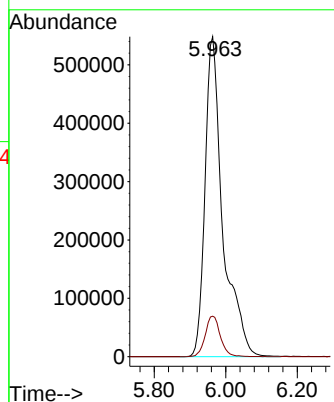
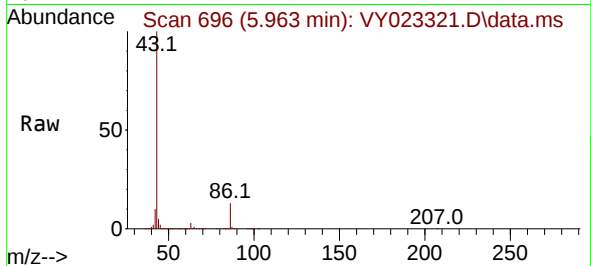




#23
 Vinyl Acetate
 Concen: 248.208 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023321.D
 Acq: 10 Sep 2025 09:09

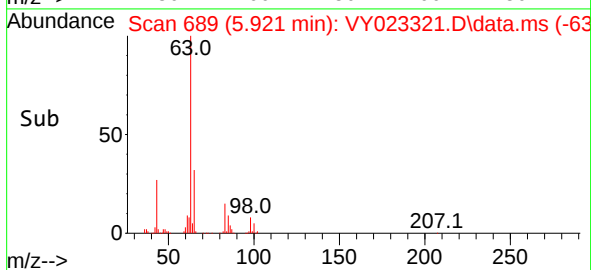
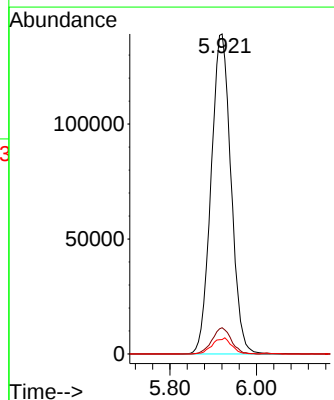
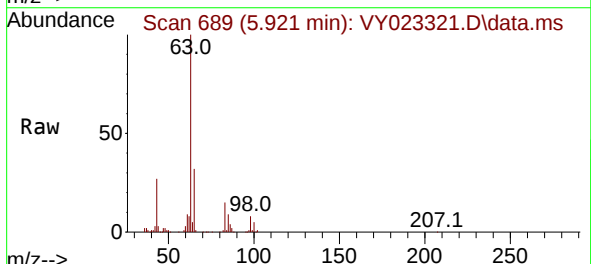
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

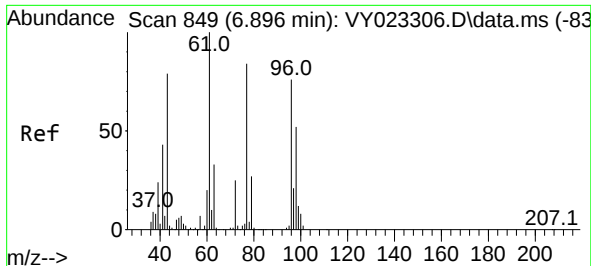
Tgt Ion: 43 Resp: 1894133
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 49.148 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023321.D
 Acq: 10 Sep 2025 09:09

Tgt Ion: 63 Resp: 443737
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.6
 100 4.5 2.4 7.1

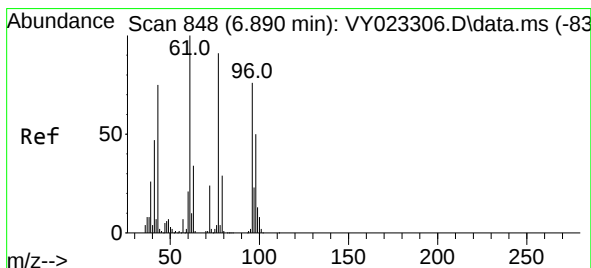
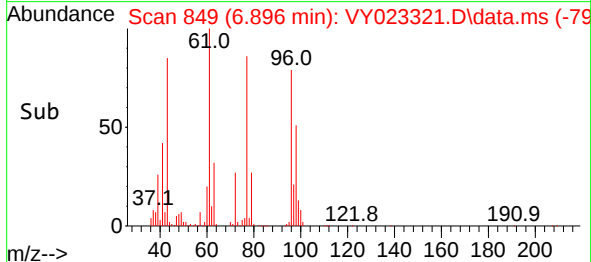
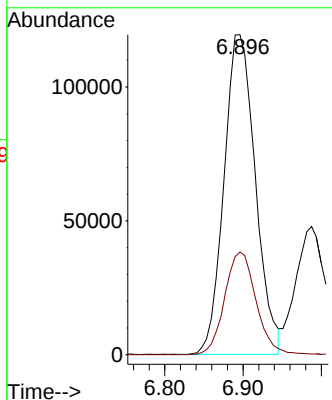
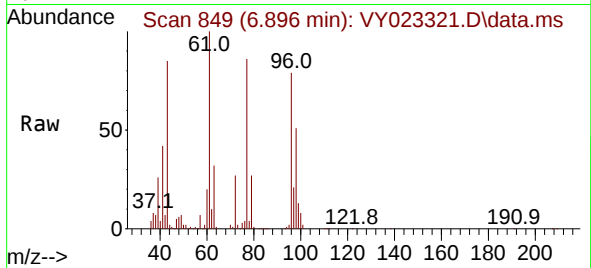




#25
2-Butanone
Concen: 260.320 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

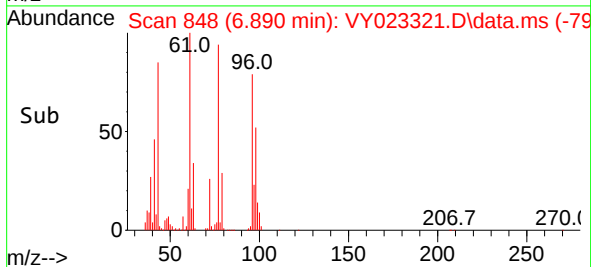
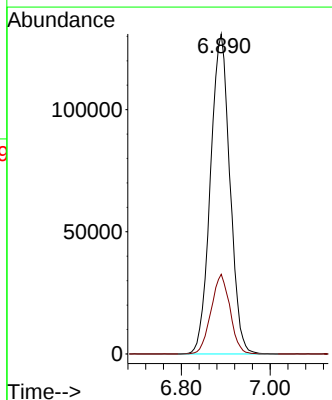
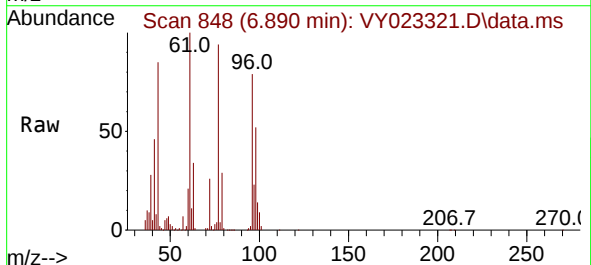
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

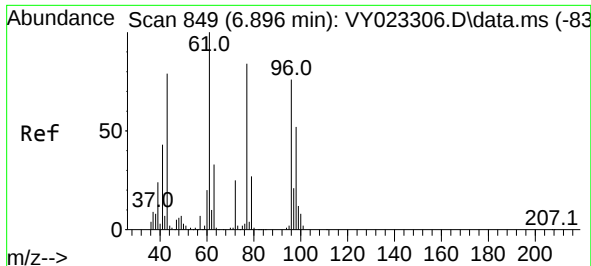
Tgt Ion: 43 Resp: 333198
Ion Ratio Lower Upper
43 100
72 32.1 23.5 35.3



#26
2,2-Dichloropropane
Concen: 49.861 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 77 Resp: 397490
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 49.714 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

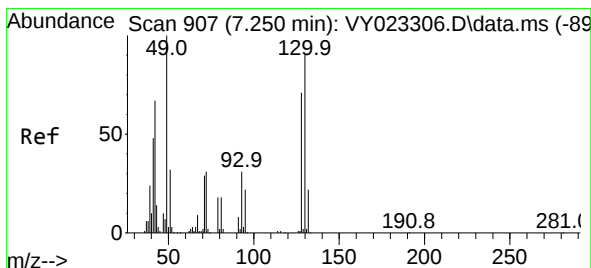
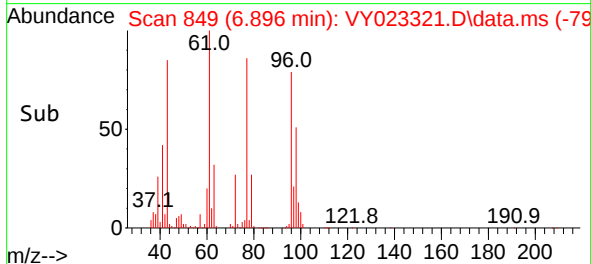
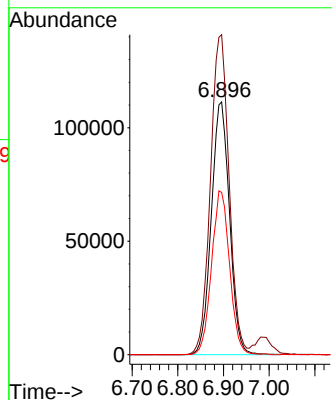
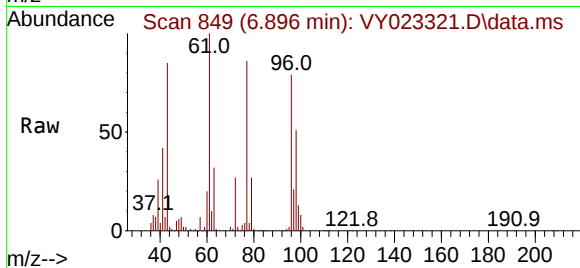
Tgt Ion: 96 Resp: 308636

Ion Ratio Lower Upper

96 100

61 129.3 0.0 278.6

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 48.943 ug/l

RT: 7.243 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

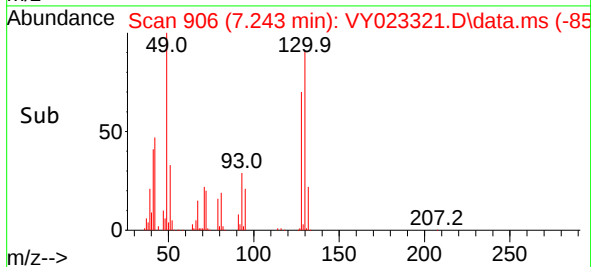
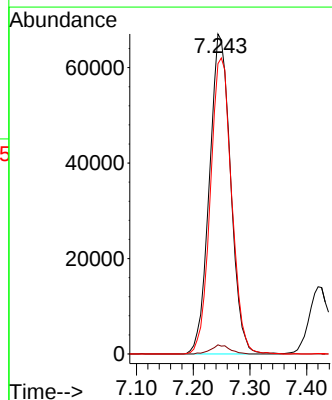
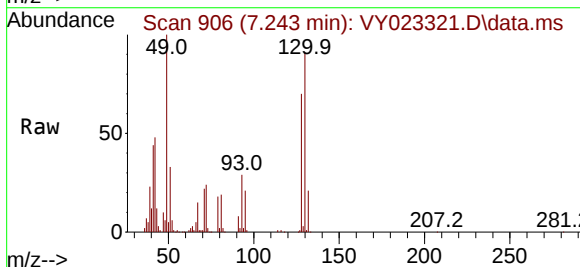
Tgt Ion: 49 Resp: 173875

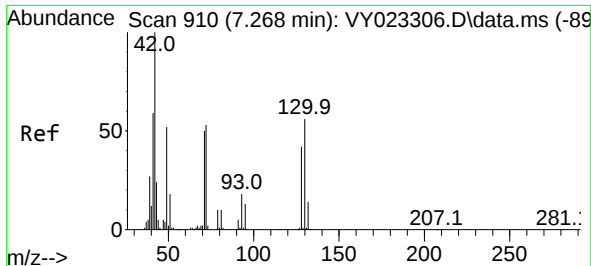
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 92.8 66.4 99.6





#29

Tetrahydrofuran

Concen: 240.002 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

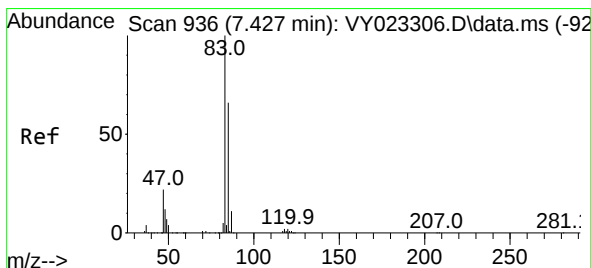
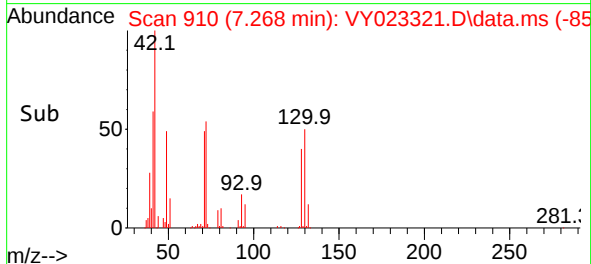
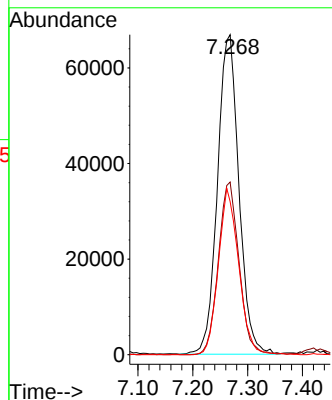
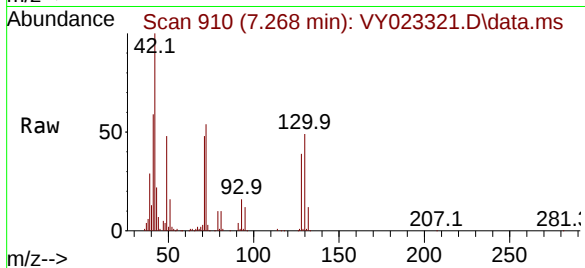
Tgt Ion: 42 Resp: 182209

Ion Ratio Lower Upper

42 100

72 52.2 39.4 59.2

71 49.3 36.5 54.7



#30

Chloroform

Concen: 49.031 ug/l

RT: 7.420 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023321.D

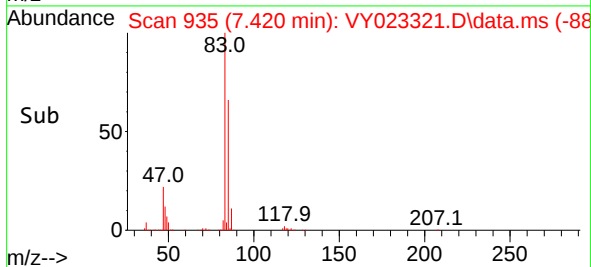
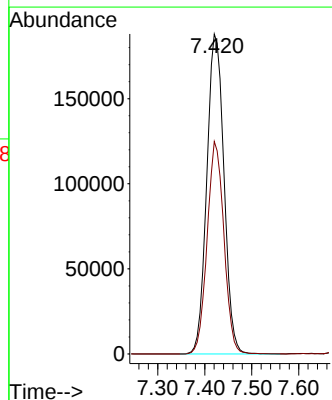
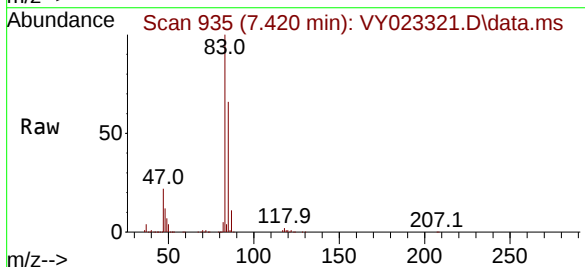
Acq: 10 Sep 2025 09:09

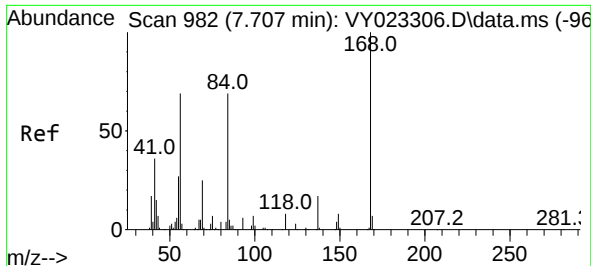
Tgt Ion: 83 Resp: 475647

Ion Ratio Lower Upper

83 100

85 66.4 53.8 80.8

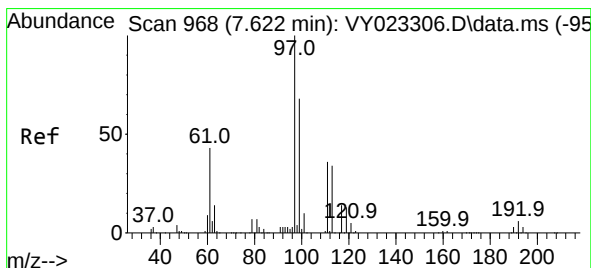
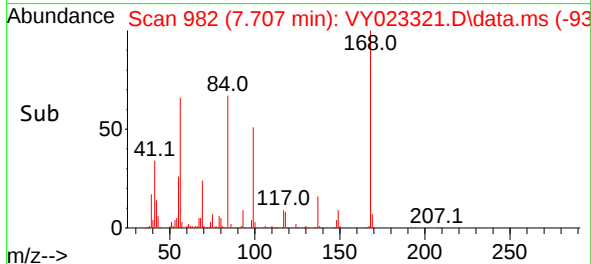
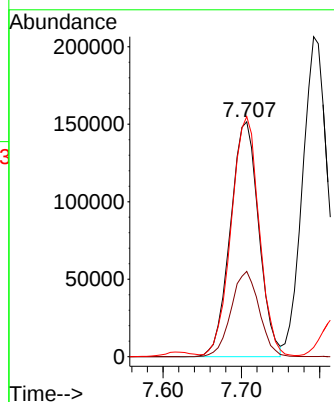
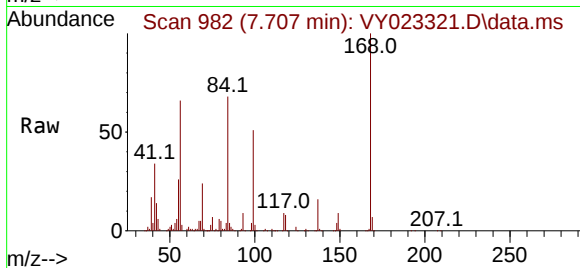




#31
Cyclohexane
Concen: 47.876 ug/l
RT: 7.707 min Scan# 912
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

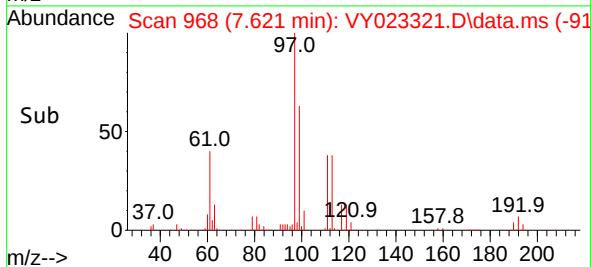
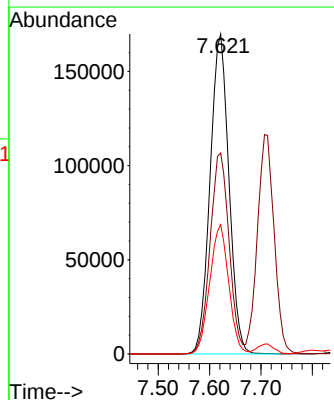
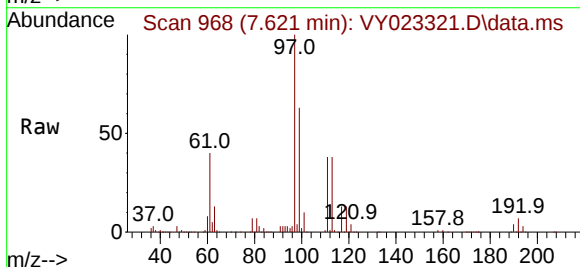
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

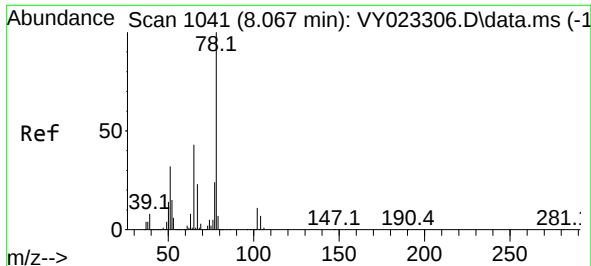
Tgt Ion: 56 Resp: 382505
Ion Ratio Lower Upper
56 100
69 36.3 28.2 42.2
84 100.4 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 49.816 ug/l
RT: 7.621 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 97 Resp: 431761
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 40.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.563 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

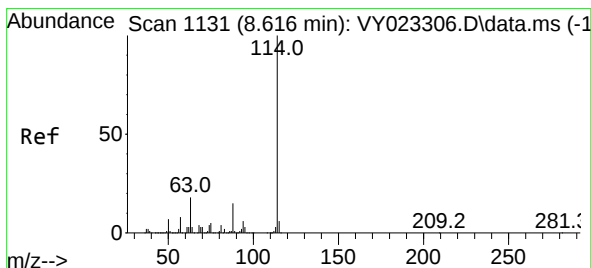
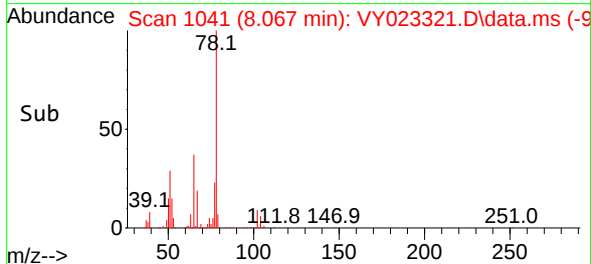
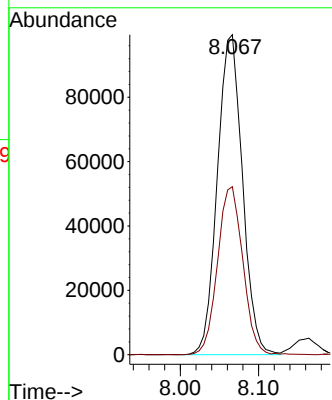
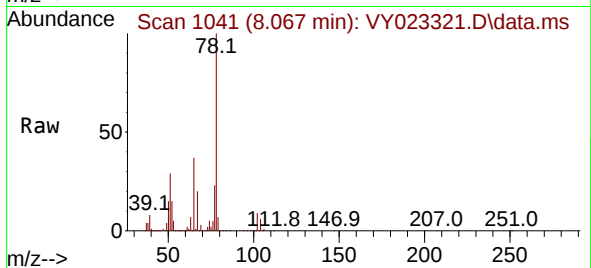
VSTDCCC050

Tgt Ion: 65 Resp: 221718

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

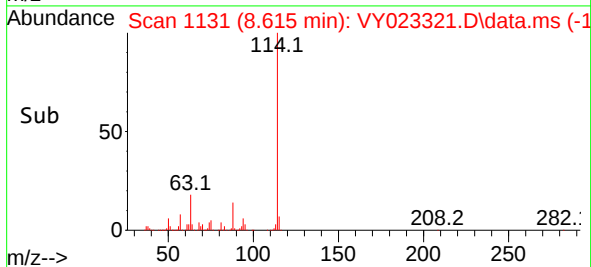
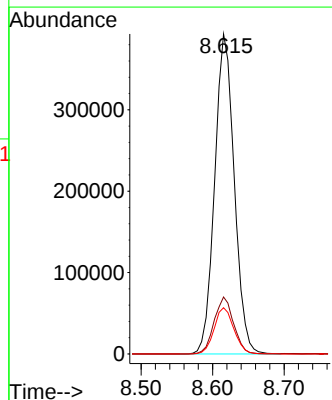
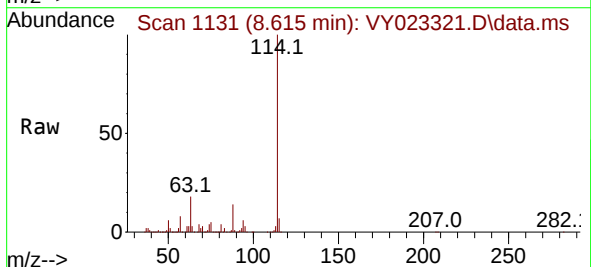
Tgt Ion: 114 Resp: 748186

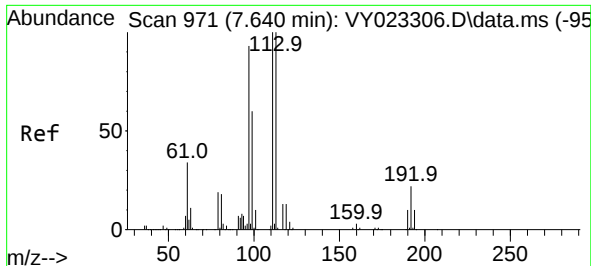
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 14.4 0.0 30.0

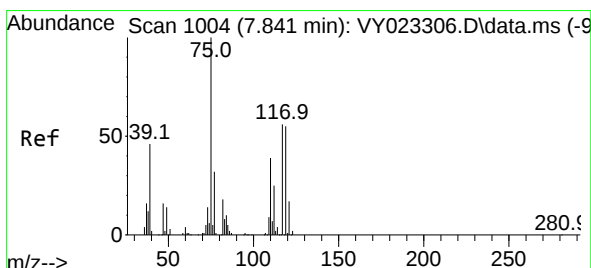
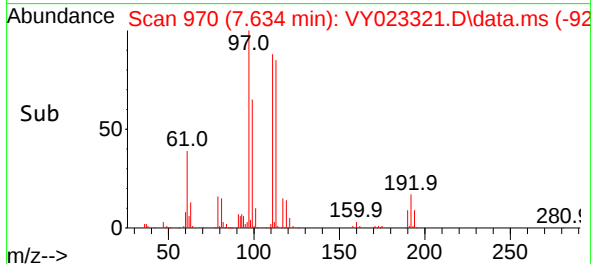
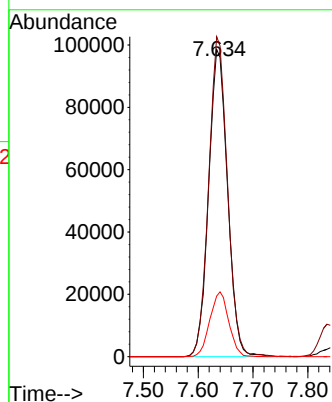
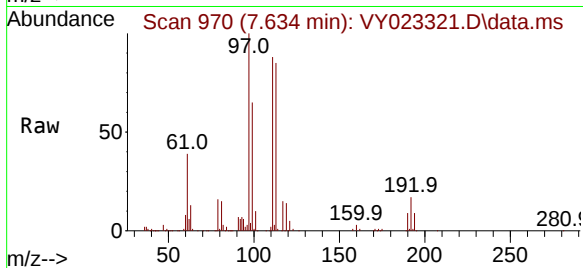




#35
Dibromofluoromethane
Concen: 51.558 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

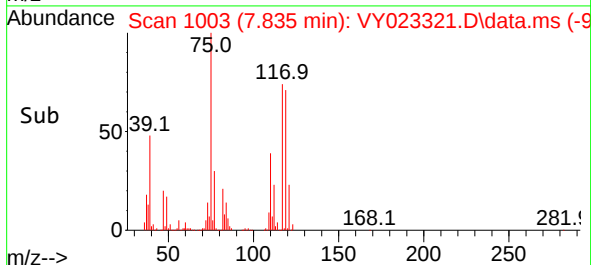
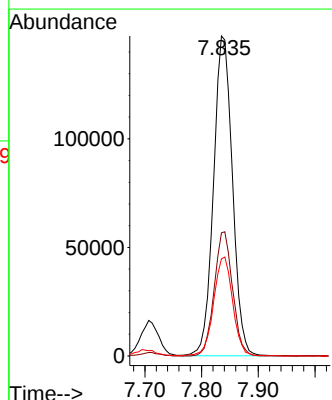
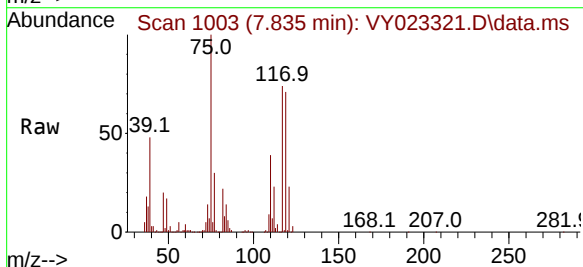
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

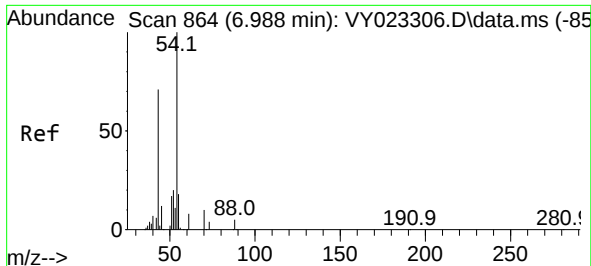
Tgt Ion:113 Resp: 235795
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 21.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 52.497 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 75 Resp: 341954
Ion Ratio Lower Upper
75 100
110 37.6 18.1 54.4
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 51.081 ug/l

RT: 6.987 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

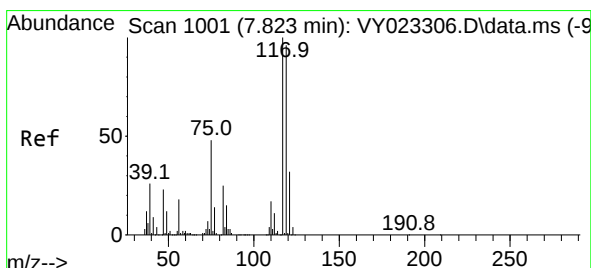
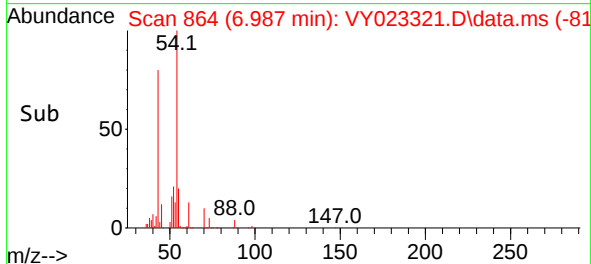
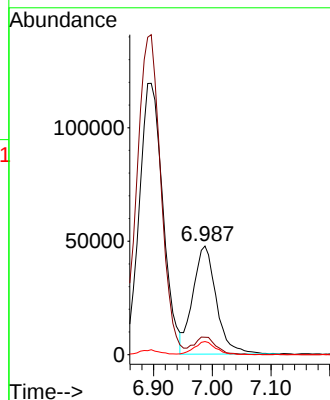
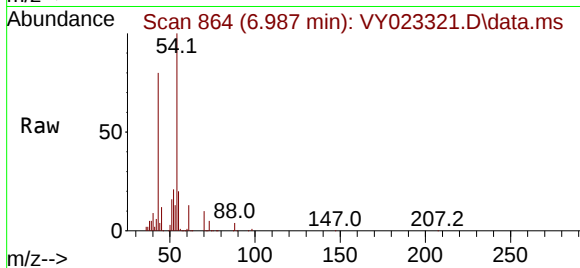
Tgt Ion: 43 Resp: 132361

Ion Ratio Lower Upper

43 100

61 15.4 11.9 17.9

70 11.2 8.8 13.2



#38

Carbon Tetrachloride

Concen: 52.496 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

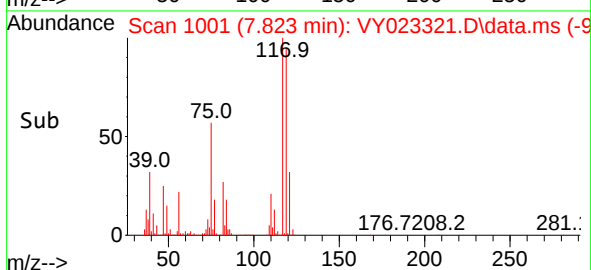
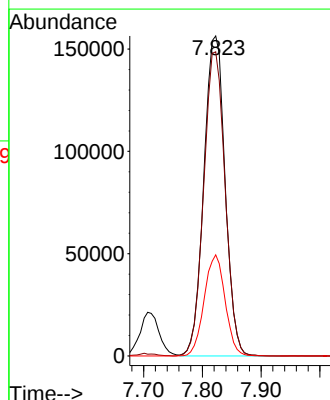
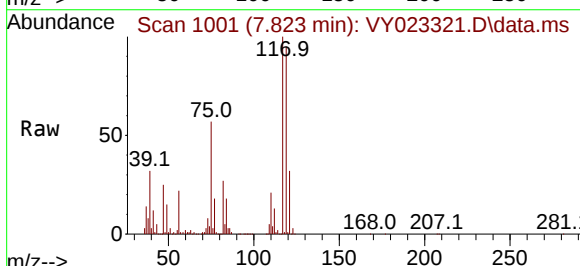
Tgt Ion: 117 Resp: 393467

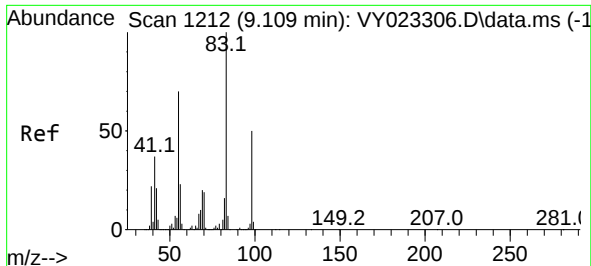
Ion Ratio Lower Upper

117 100

119 95.0 75.6 113.4

121 31.6 25.8 38.8





#39

Methylcyclohexane

Concen: 53.877 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

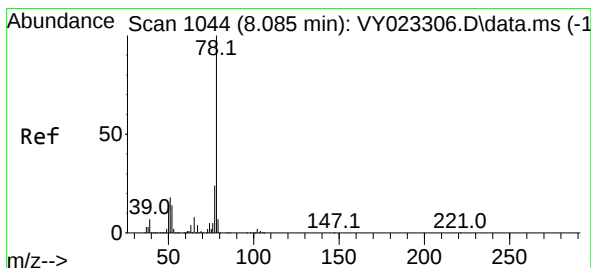
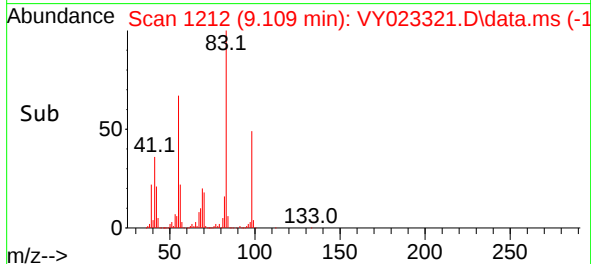
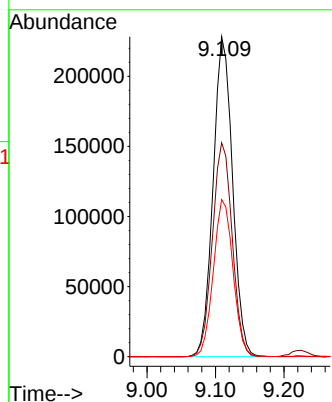
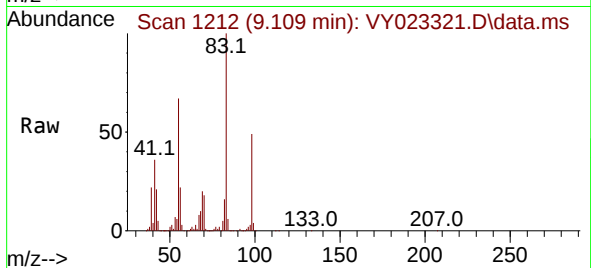
Tgt Ion: 83 Resp: 448964

Ion Ratio Lower Upper

83 100

55 66.8 57.6 86.4

98 49.1 39.2 58.8



#40

Benzene

Concen: 52.131 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023321.D

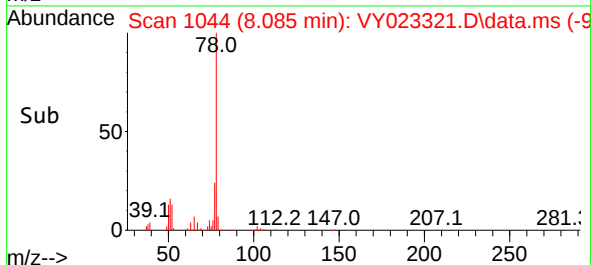
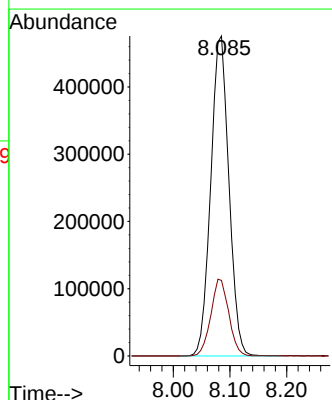
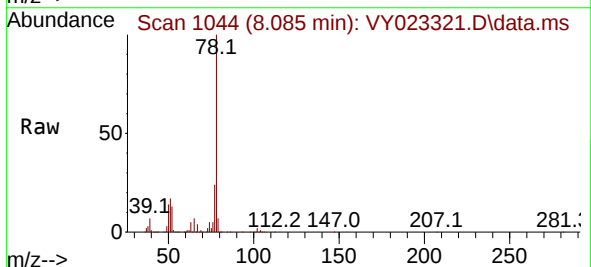
Acq: 10 Sep 2025 09:09

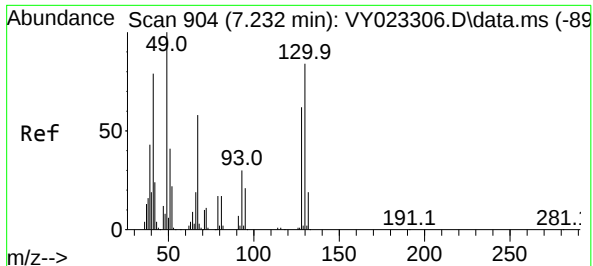
Tgt Ion: 78 Resp: 1055477

Ion Ratio Lower Upper

78 100

77 23.6 18.6 28.0



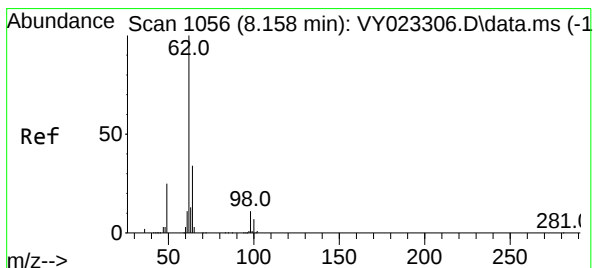
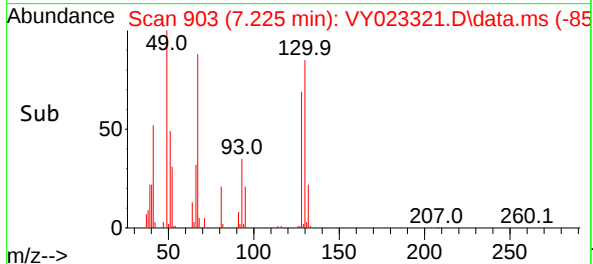
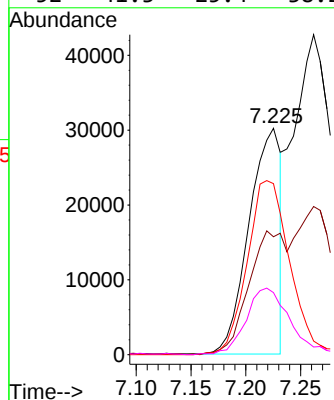
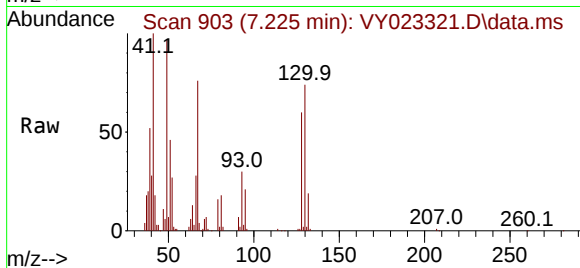


#41
Methacrylonitrile
Concen: 45.464 ug/l
RT: 7.225 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 61006

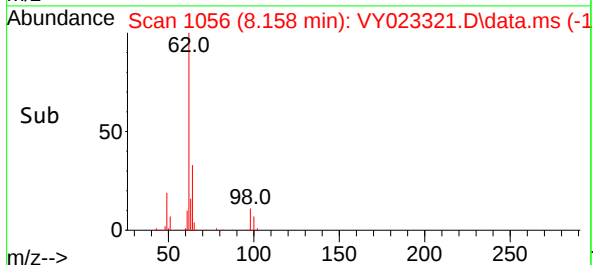
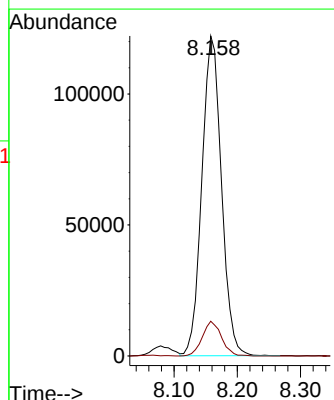
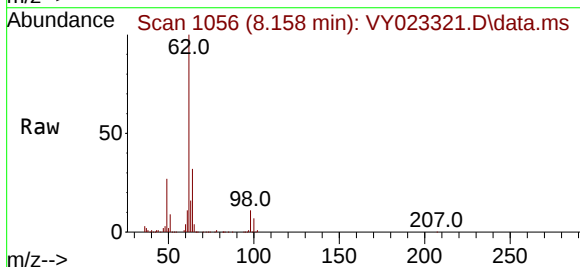
Ion	Ratio	Lower	Upper
41	100		
39	64.3	43.4	65.2
67	103.5	63.6	95.4#
52	41.3	25.4	38.2#

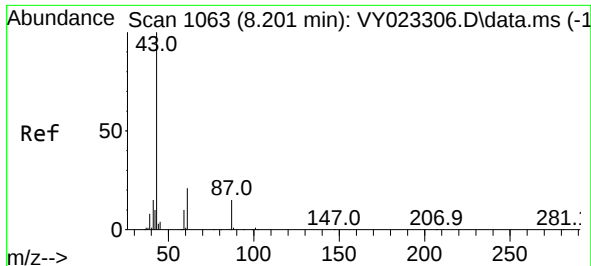


#42
1,2-Dichloroethane
Concen: 51.097 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 62 Resp: 263395

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6

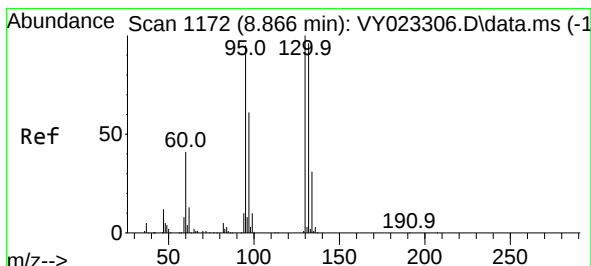
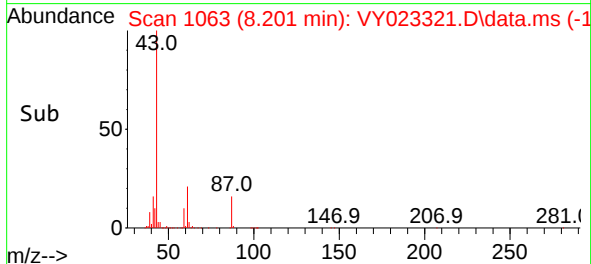
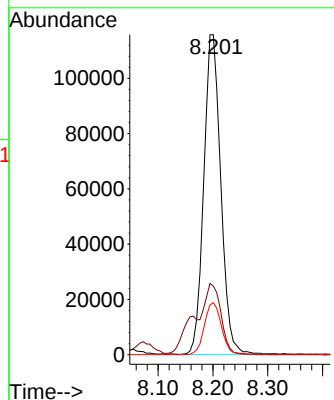
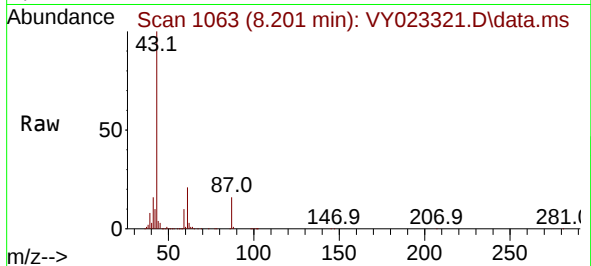




#43
Isopropyl Acetate
Concen: 49.452 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

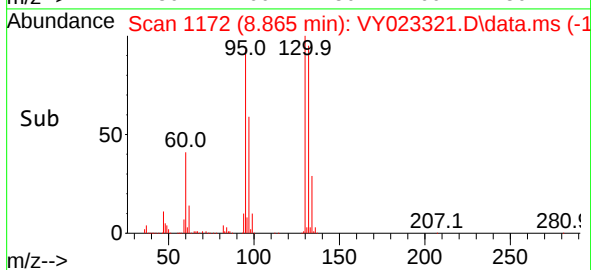
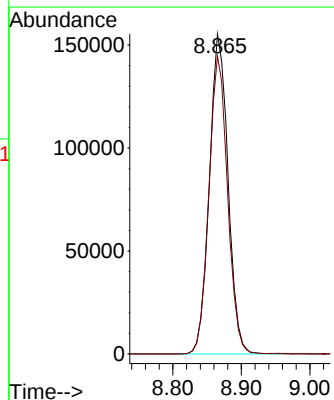
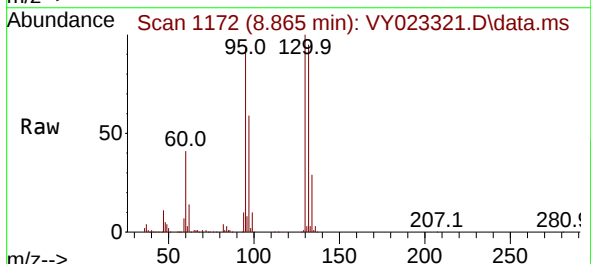
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

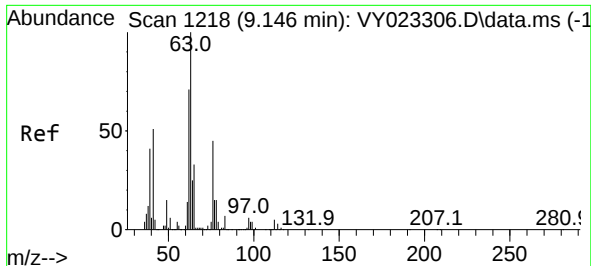
Tgt Ion: 43 Resp: 249229
Ion Ratio Lower Upper
43 100
61 23.5 16.4 24.6
87 16.3 11.8 17.6



#44
Trichloroethene
Concen: 52.047 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion:130 Resp: 293515
Ion Ratio Lower Upper
130 100
95 93.1 0.0 190.2





#45

1,2-Dichloropropane

Concen: 51.343 ug/l

RT: 9.139 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

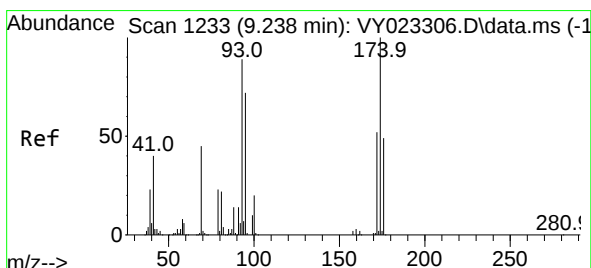
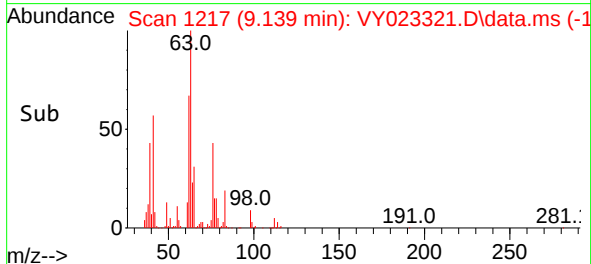
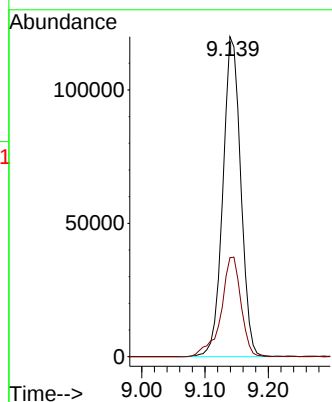
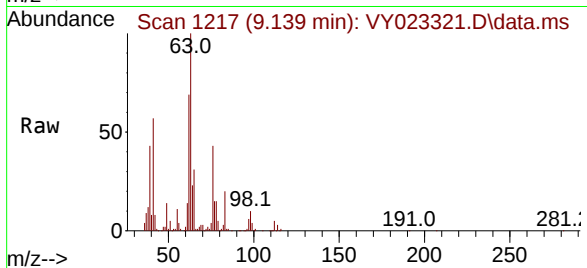
VSTDCCC050

Tgt Ion: 63 Resp: 234770

Ion Ratio Lower Upper

63 100

65 31.0 25.3 37.9



#46

Dibromomethane

Concen: 51.618 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

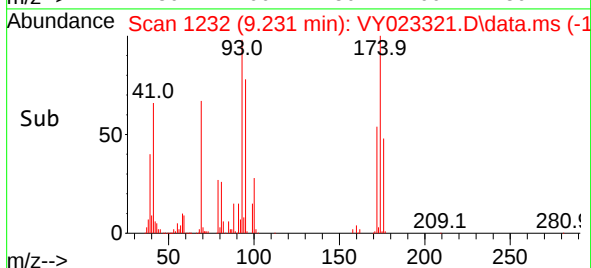
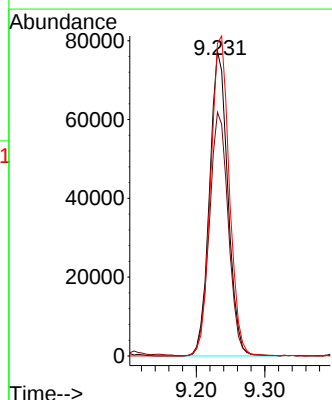
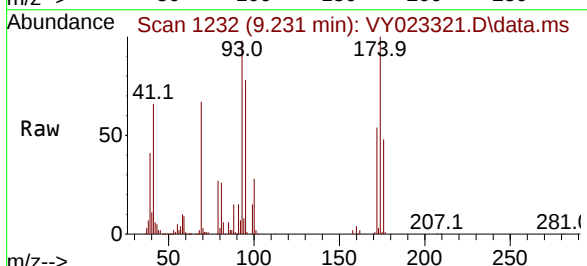
Tgt Ion: 93 Resp: 143741

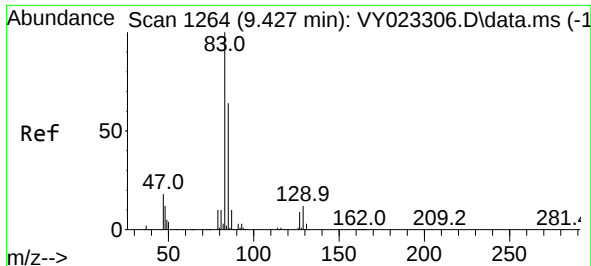
Ion Ratio Lower Upper

93 100

95 82.5 66.5 99.7

174 106.7 81.8 122.8

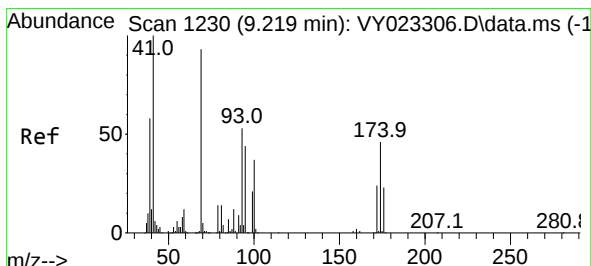
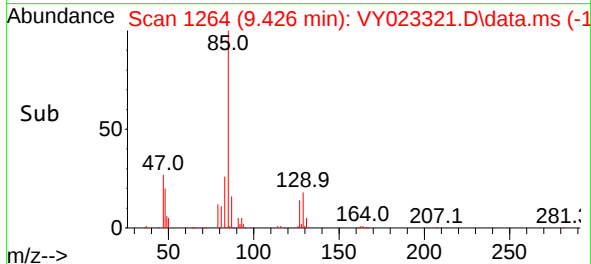
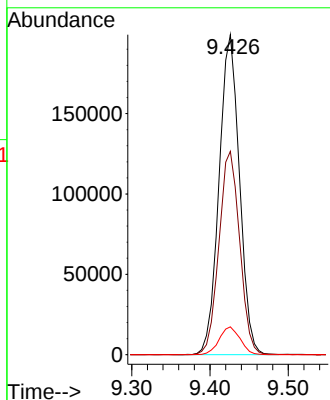
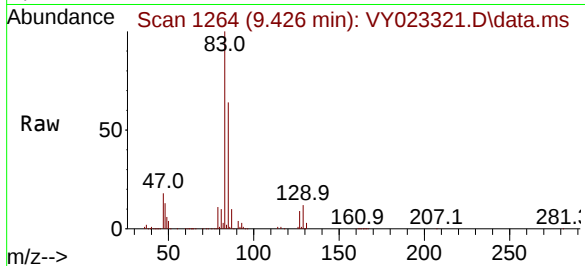




#47
Bromodichloromethane
Concen: 51.462 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

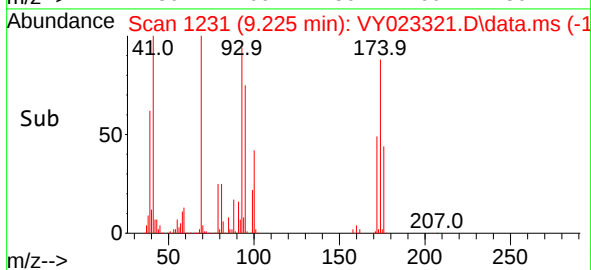
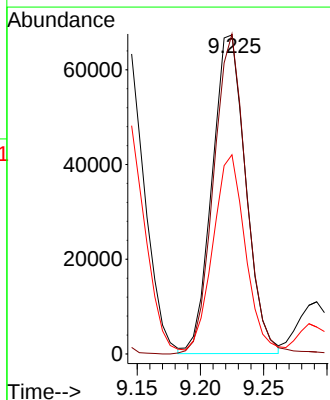
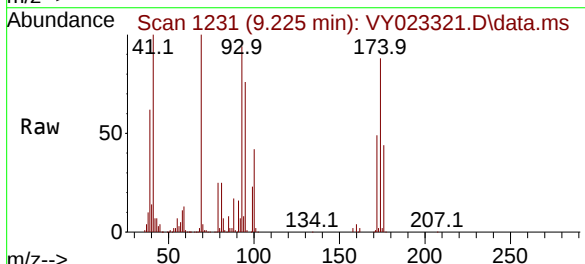
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

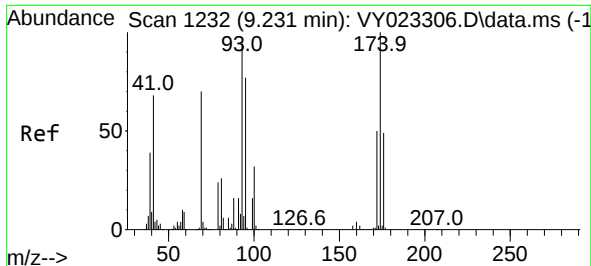
Tgt Ion: 83 Resp: 360519
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 52.977 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 41 Resp: 124448
Ion Ratio Lower Upper
41 100
69 97.3 73.2 109.8
39 58.5 47.0 70.4

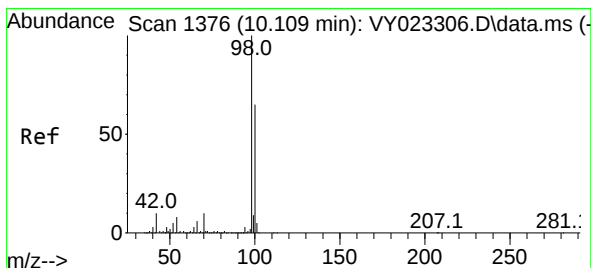
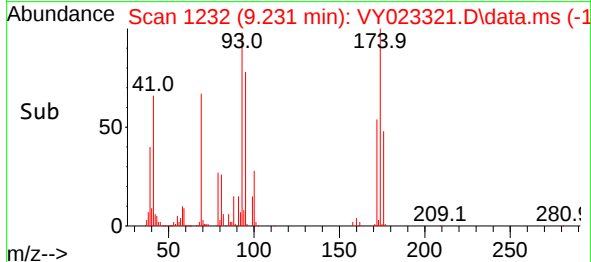
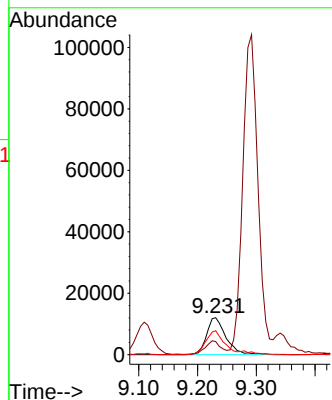
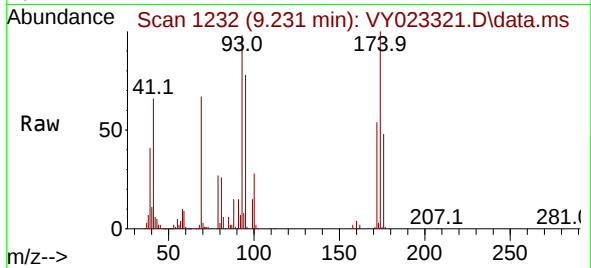




#49
1,4-Dioxane
Concen: 976.782 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

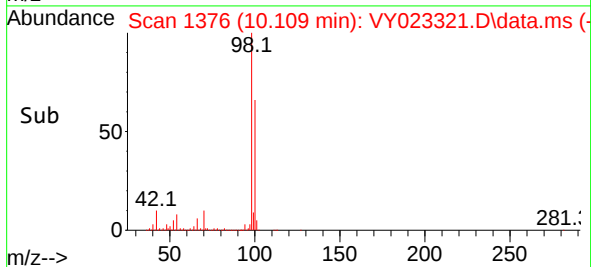
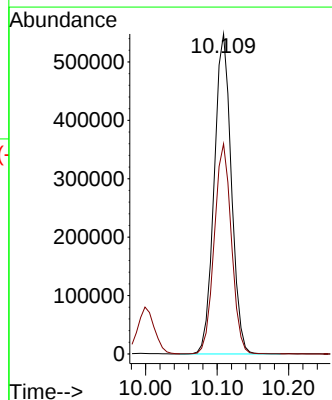
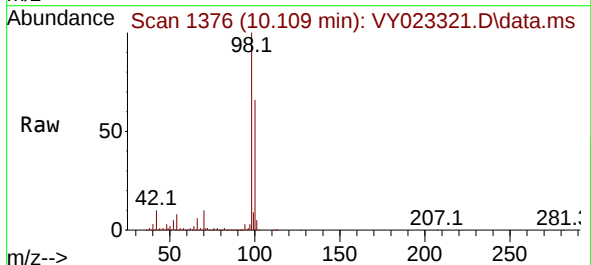
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

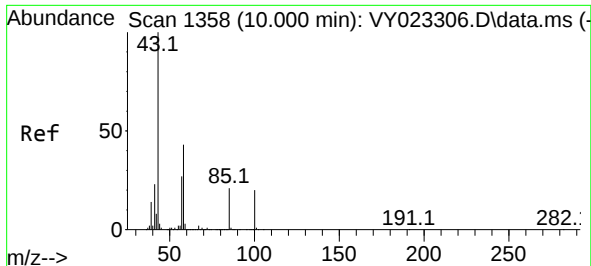
Tgt Ion: 88 Resp: 27611
Ion Ratio Lower Upper
88 100
43 29.2 24.3 36.5
58 69.2 55.4 83.0



#50
Toluene-d8
Concen: 52.765 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 98 Resp: 911219
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

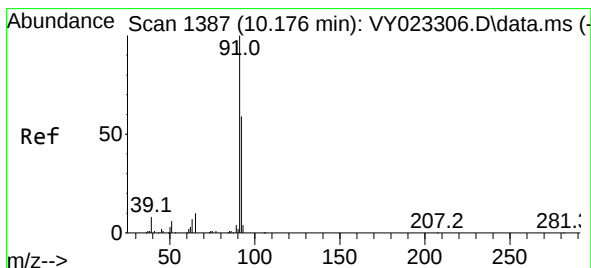
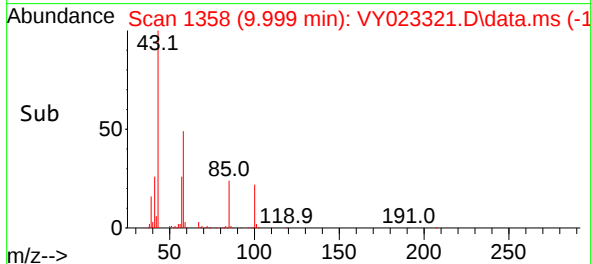
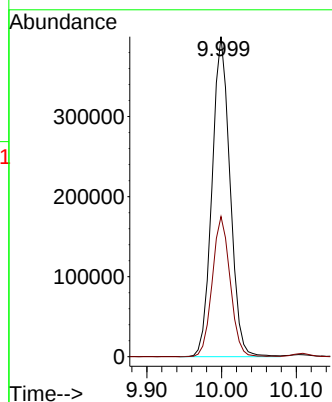
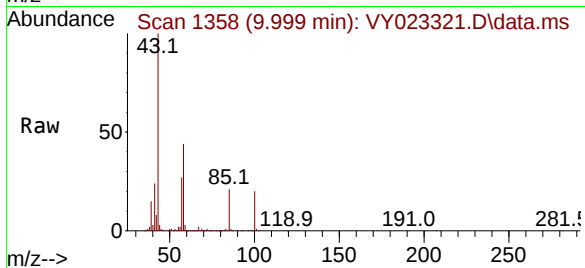




#51
4-Methyl-2-Pentanone
Concen: 259.653 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

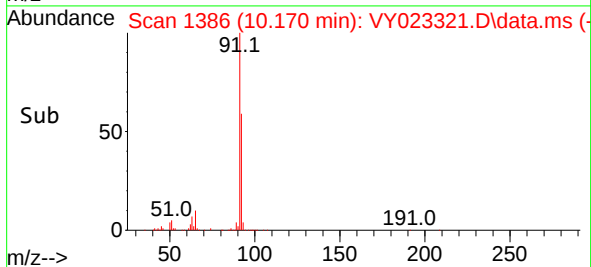
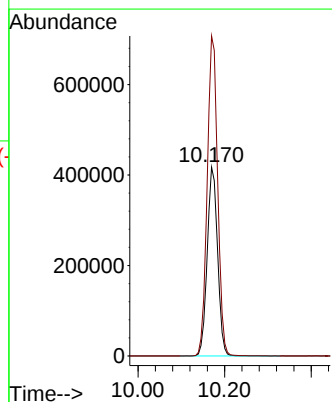
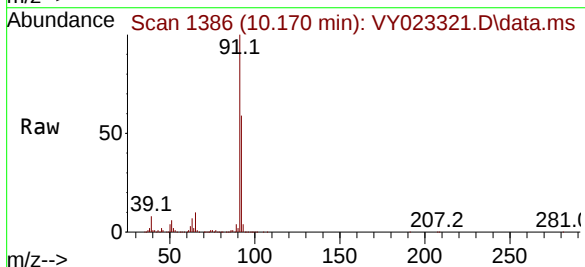
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

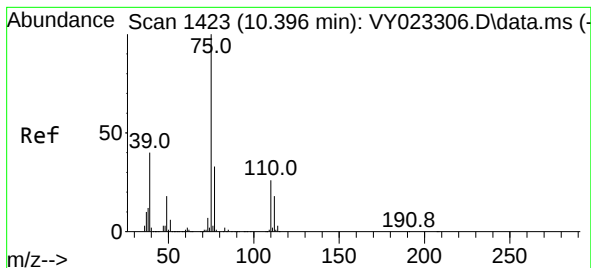
Tgt Ion: 43 Resp: 669479
Ion Ratio Lower Upper
43 100
58 43.5 33.5 50.3



#52
Toluene
Concen: 53.921 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 92 Resp: 692820
Ion Ratio Lower Upper
92 100
91 170.9 136.4 204.6

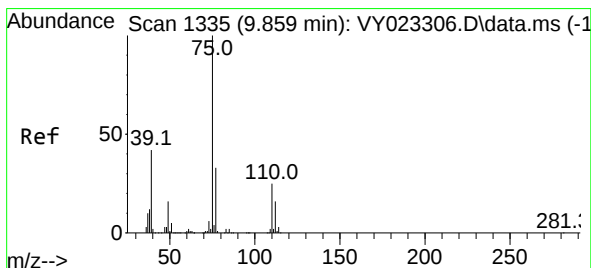
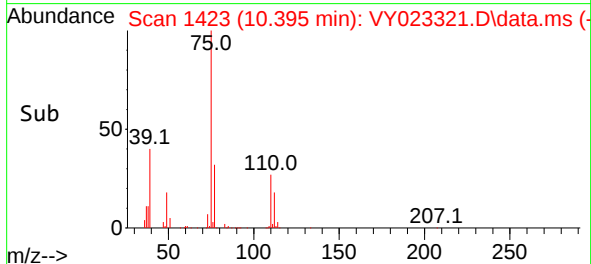
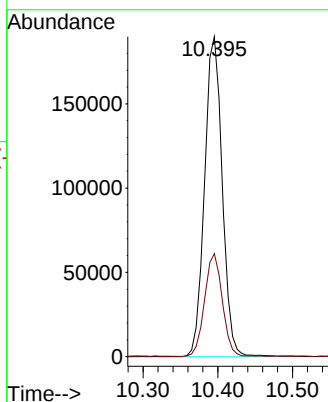
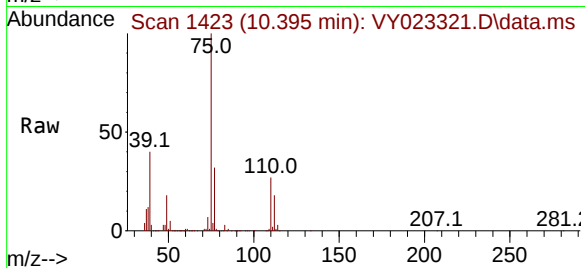




#53
 t-1,3-Dichloropropene
 Concen: 51.683 ug/l
 RT: 10.395 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023321.D
 Acq: 10 Sep 2025 09:09

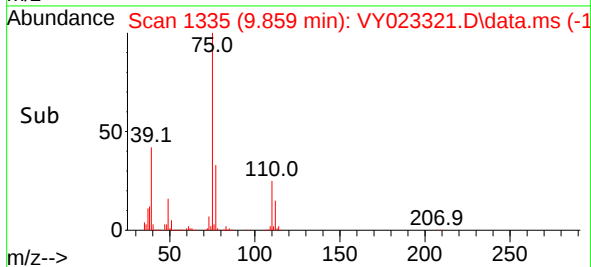
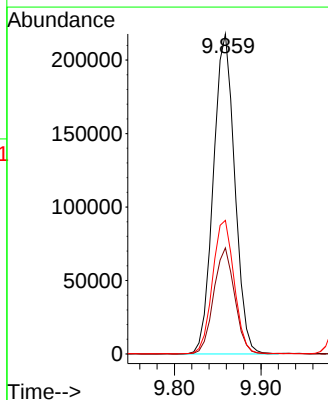
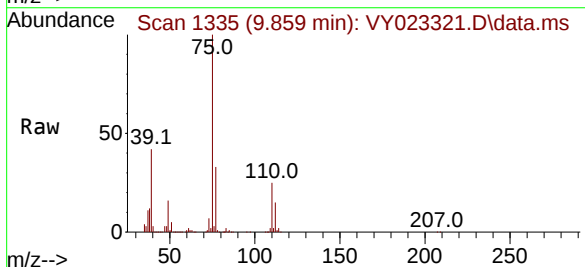
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

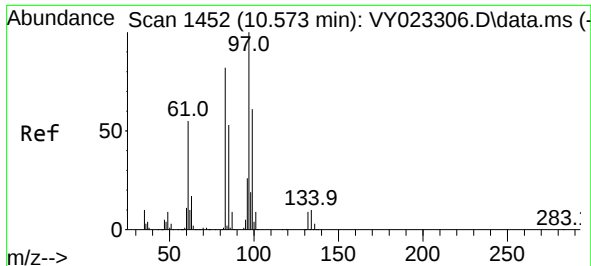
Tgt Ion: 75 Resp: 311728
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 51.787 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023321.D
 Acq: 10 Sep 2025 09:09

Tgt Ion: 75 Resp: 373238
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.0
 39 41.7 35.6 53.4



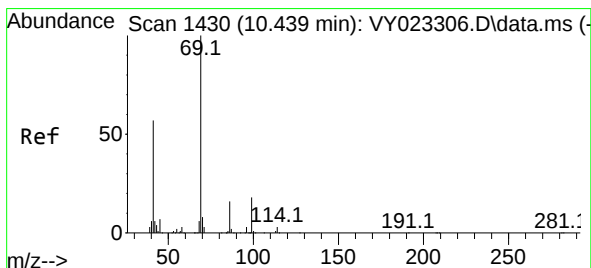
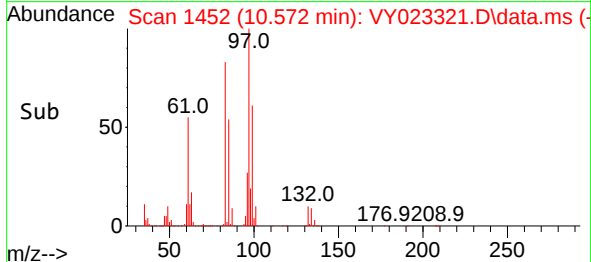
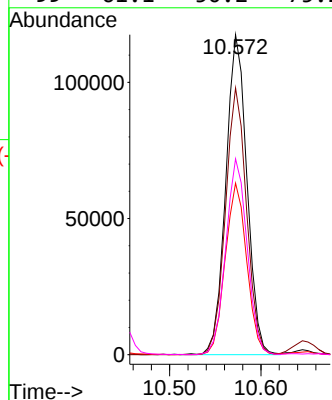
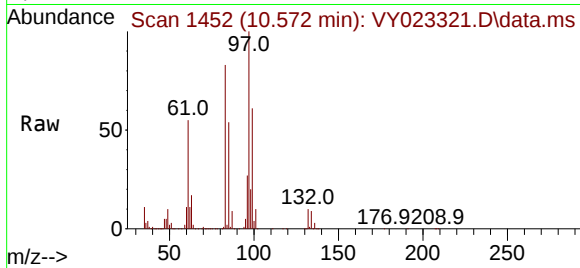


#55
1,1,2-Trichloroethane
Concen: 51.159 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 189504

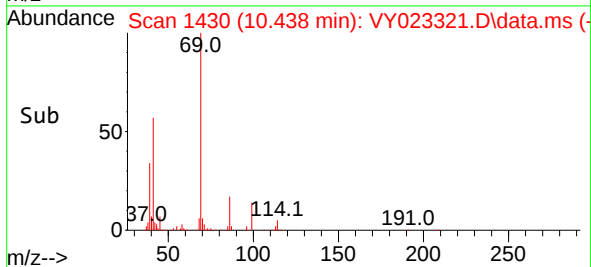
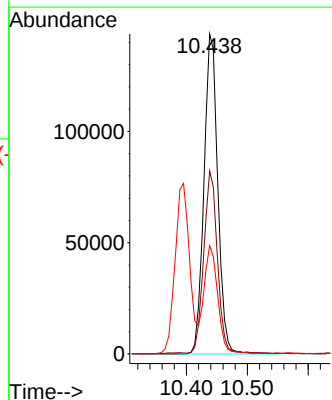
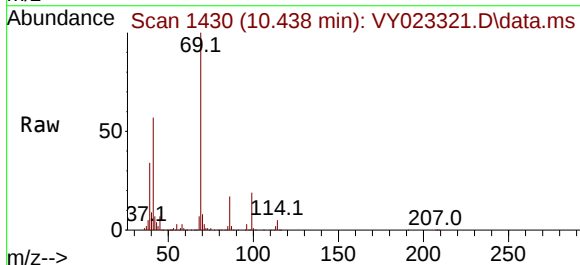
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.7	101.5
85	53.6	44.5	66.7
99	61.1	50.2	75.2

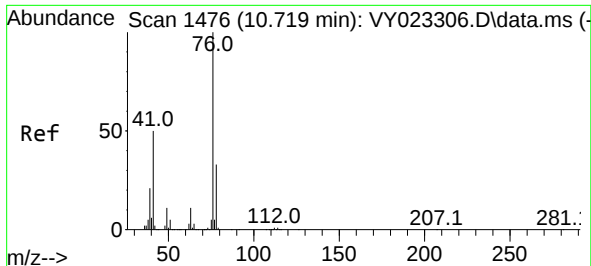


#56
Ethyl methacrylate
Concen: 52.997 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 69 Resp: 227437

Ion	Ratio	Lower	Upper
69	100		
41	55.7	48.6	72.8
39	32.9	27.0	40.4





#57

1,3-Dichloropropane

Concen: 51.474 ug/l

RT: 10.718 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

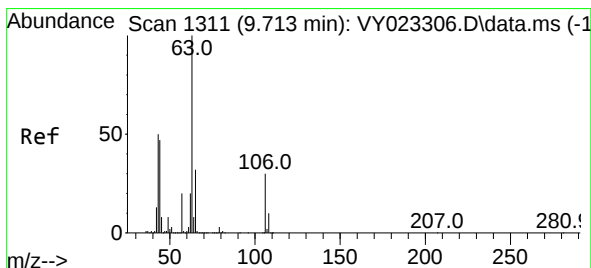
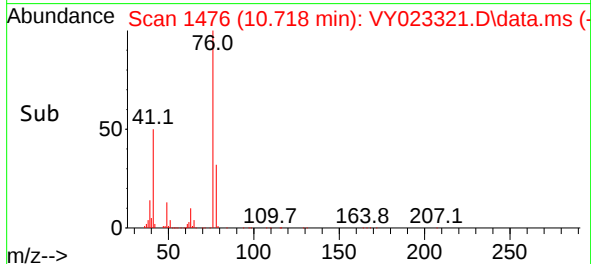
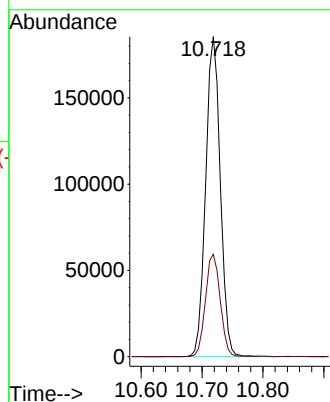
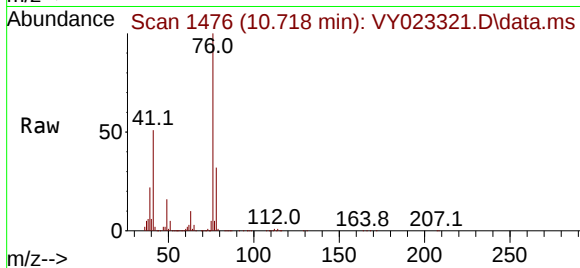
VSTDCCC050

Tgt Ion: 76 Resp: 309542

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 275.537 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023321.D

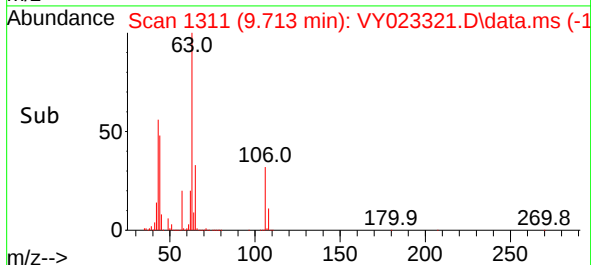
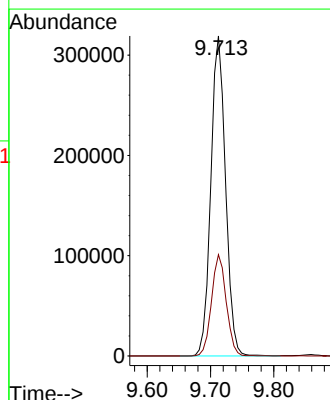
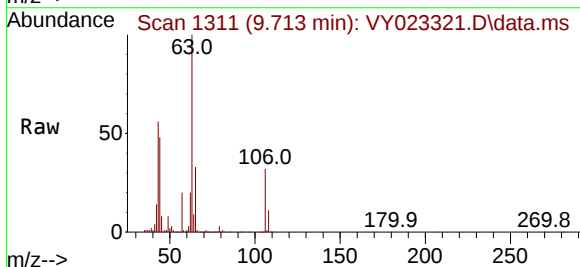
Acq: 10 Sep 2025 09:09

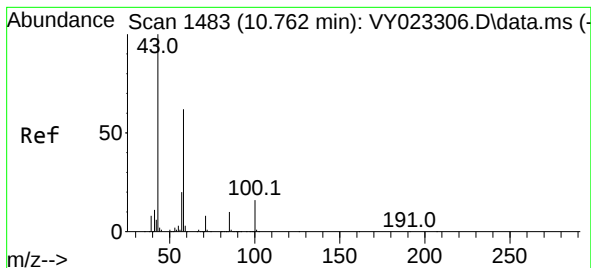
Tgt Ion: 63 Resp: 515375

Ion Ratio Lower Upper

63 100

106 31.6 23.2 34.8

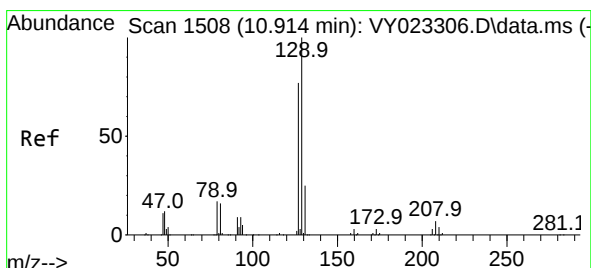
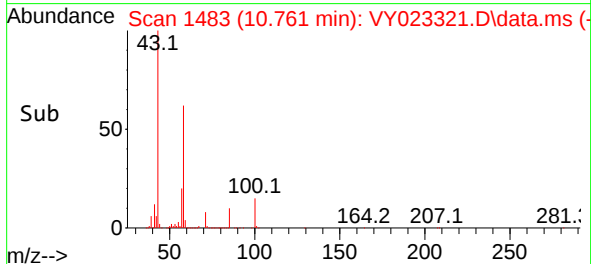
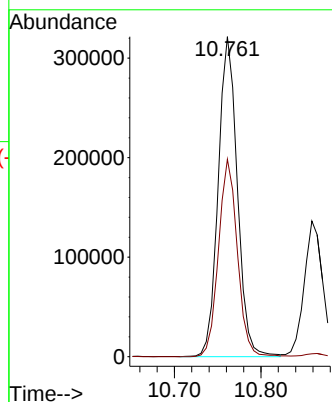
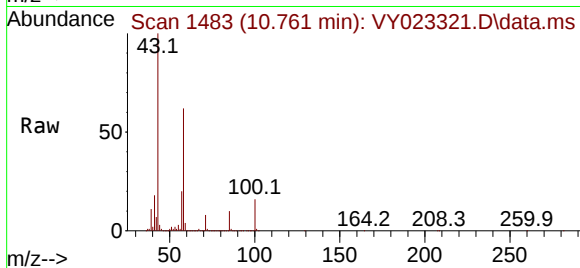




#59
2-Hexanone
Concen: 276.233 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

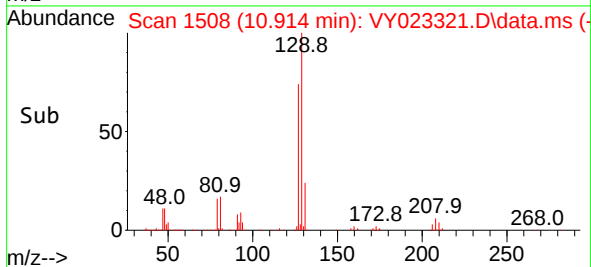
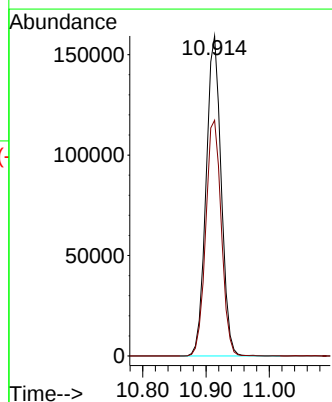
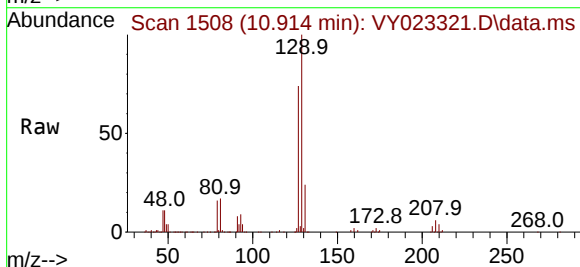
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

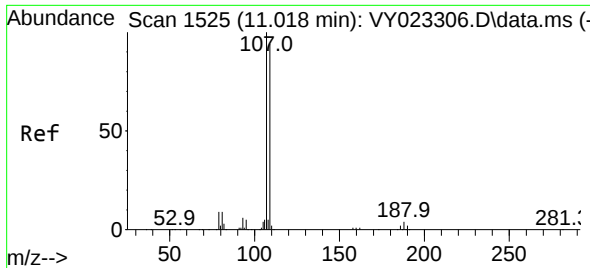
Tgt Ion: 43 Resp: 492364
Ion Ratio Lower Upper
43 100
58 61.0 29.5 88.5



#60
Dibromochloromethane
Concen: 52.518 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 129 Resp: 263951
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

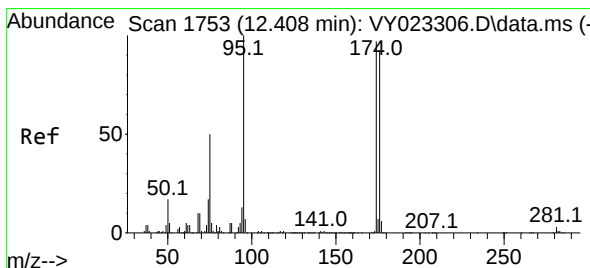
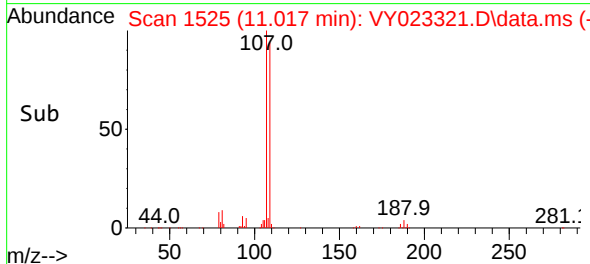
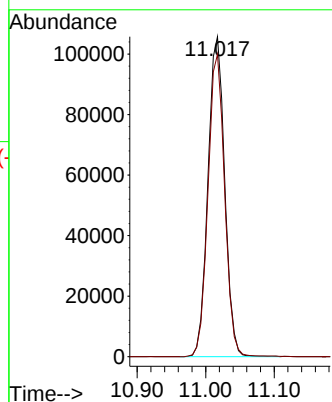
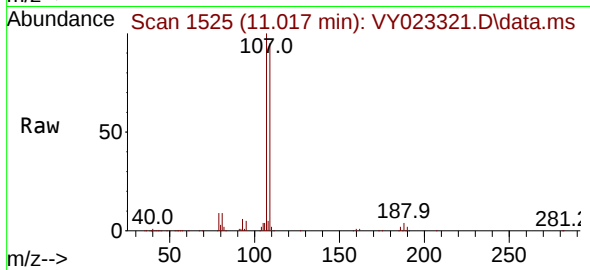




#61
1,2-Dibromoethane
Concen: 51.806 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

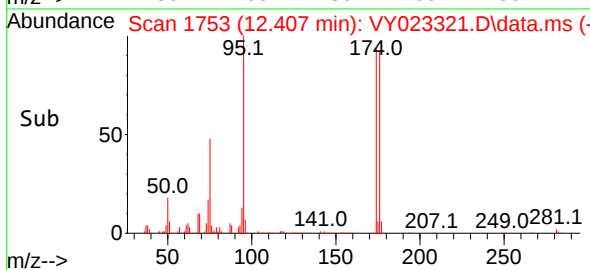
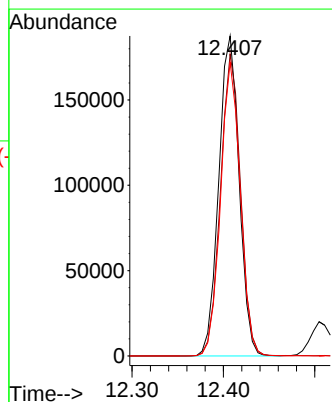
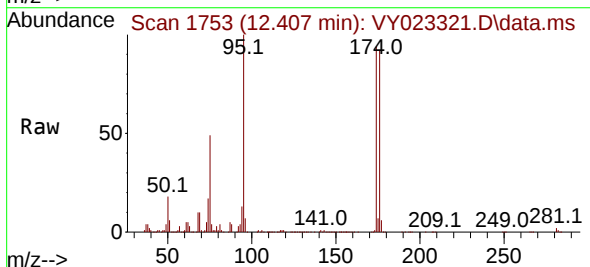
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

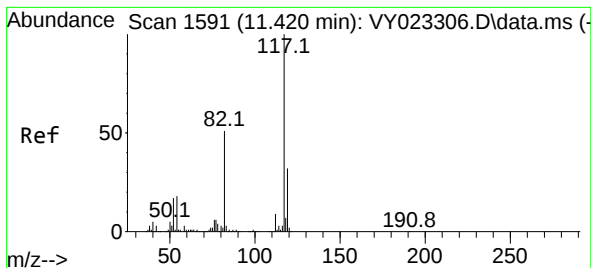
Tgt Ion:107 Resp: 179822
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.436 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 95 Resp: 290407
Ion Ratio Lower Upper
95 100
174 93.2 0.0 171.6
176 89.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

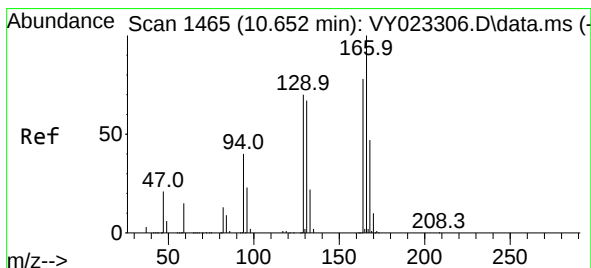
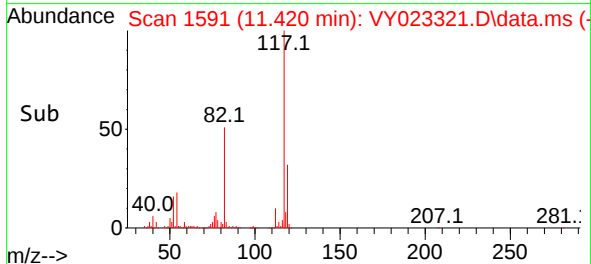
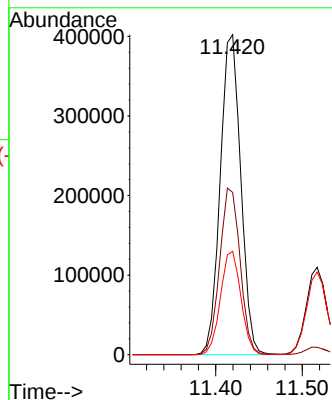
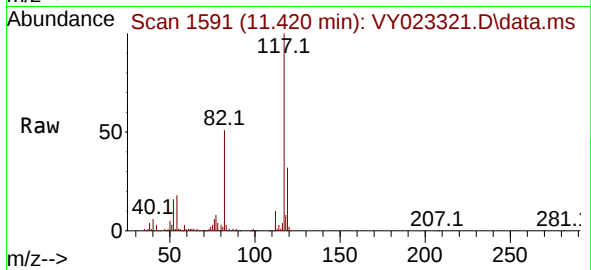
Tgt Ion:117 Resp: 662487

Ion Ratio Lower Upper

117 100

82 50.7 43.4 65.0

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 53.975 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Tgt Ion:164 Resp: 356384

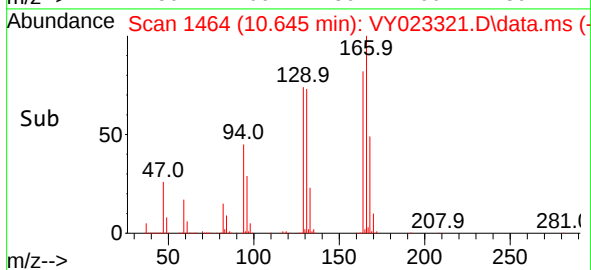
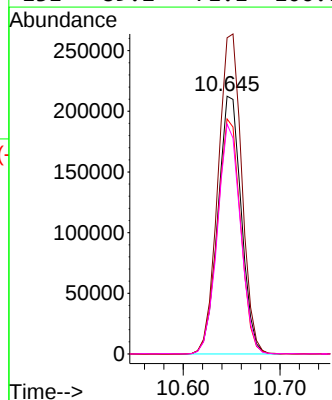
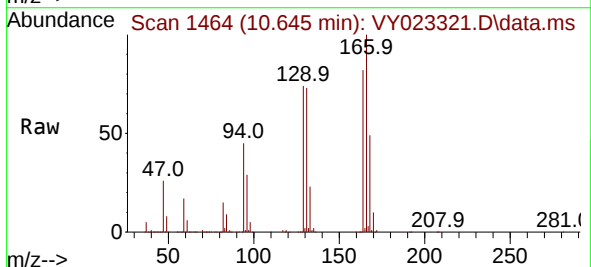
Ion Ratio Lower Upper

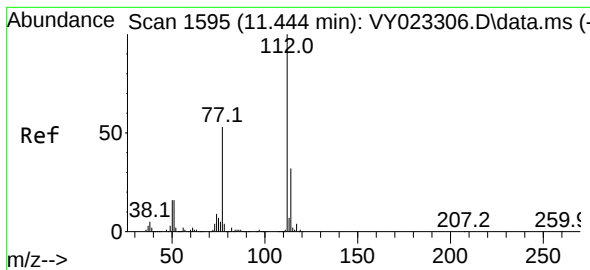
164 100

166 122.7 101.1 151.7

129 91.2 74.0 111.0

131 89.2 71.1 106.7

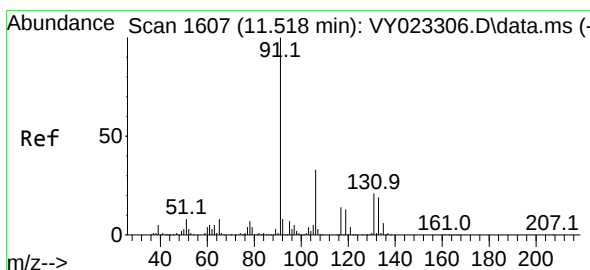
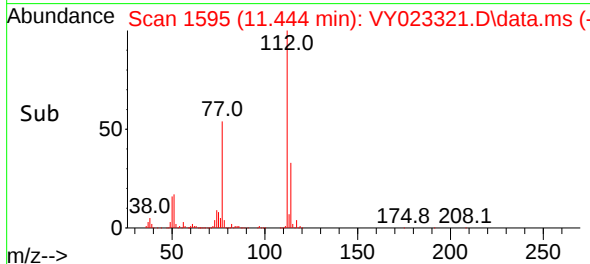
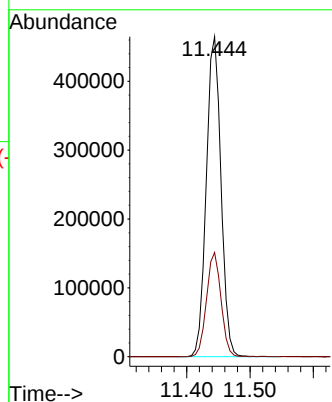
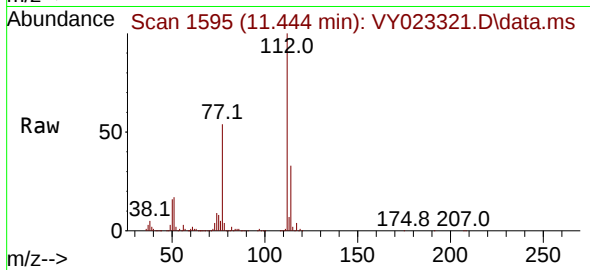




#65
Chlorobenzene
Concen: 51.773 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

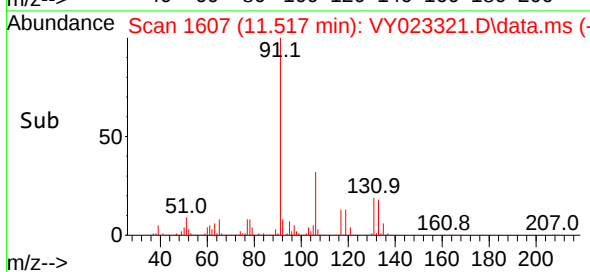
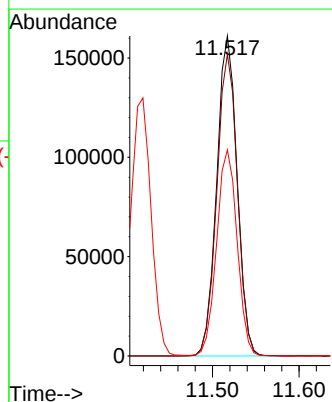
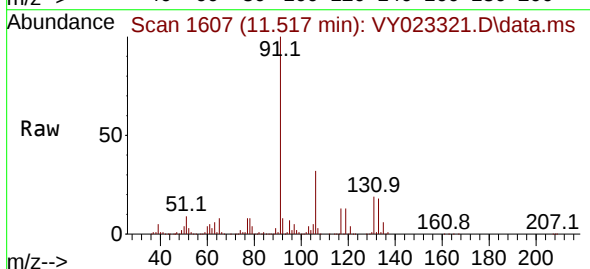
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

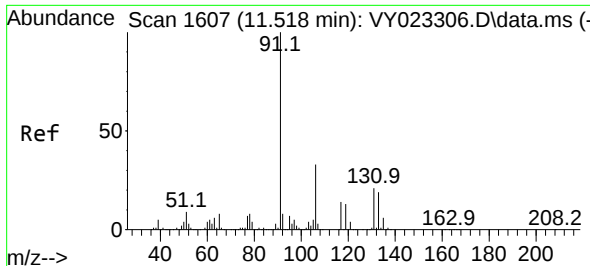
Tgt Ion:112 Resp: 751392
Ion Ratio Lower Upper
112 100
114 32.6 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.786 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion:131 Resp: 263806
Ion Ratio Lower Upper
131 100
133 95.2 46.9 140.6
119 64.7 33.2 99.6

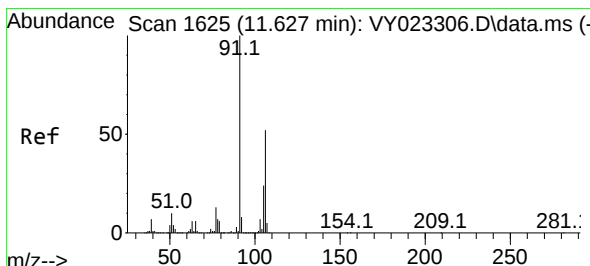
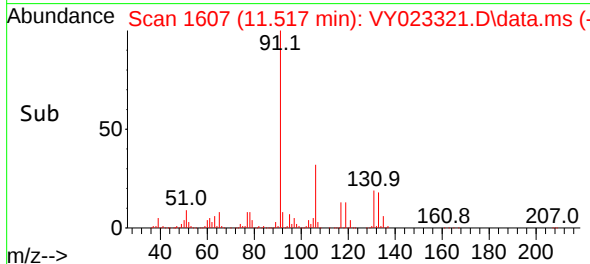
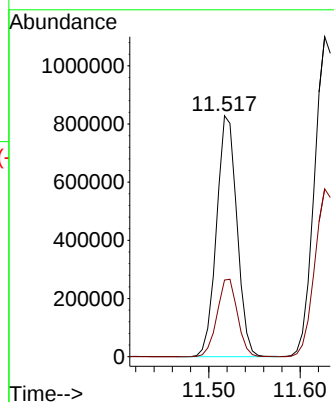
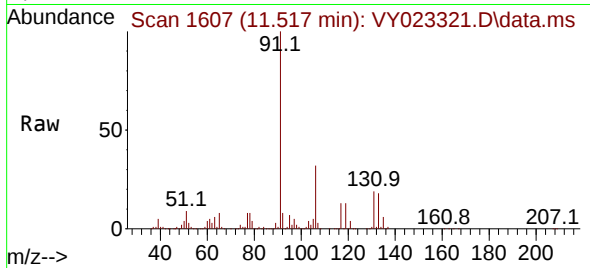




#67
Ethyl Benzene
Concen: 54.259 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

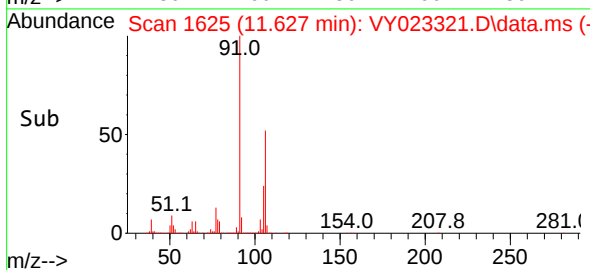
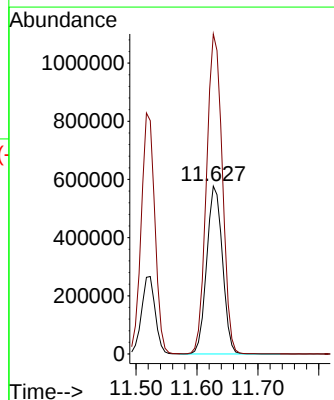
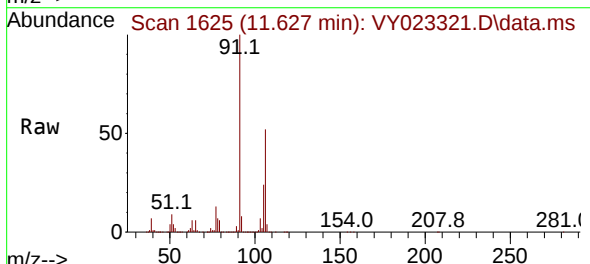
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

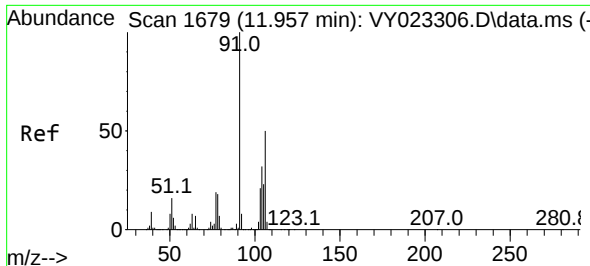
Tgt Ion: 91 Resp: 1286522
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



#68
m/p-Xylenes
Concen: 109.147 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion:106 Resp: 1036273
Ion Ratio Lower Upper
106 100
91 191.9 158.6 238.0

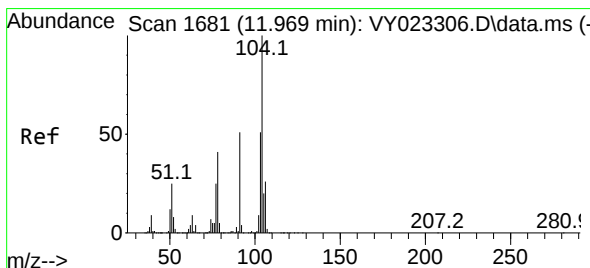
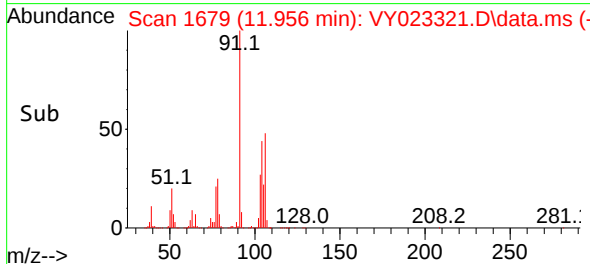
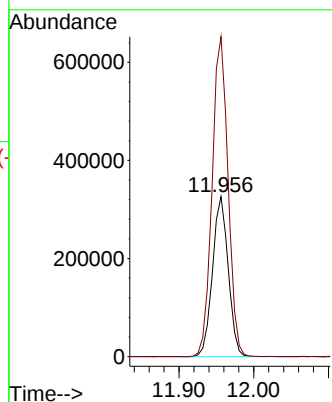
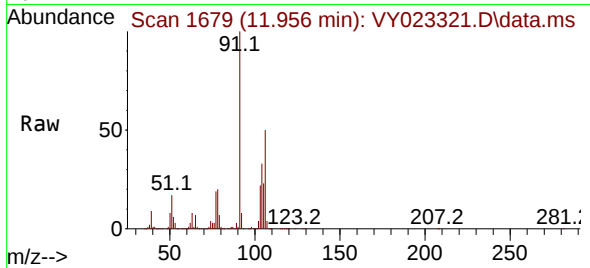




#69
o-Xylene
Concen: 54.165 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

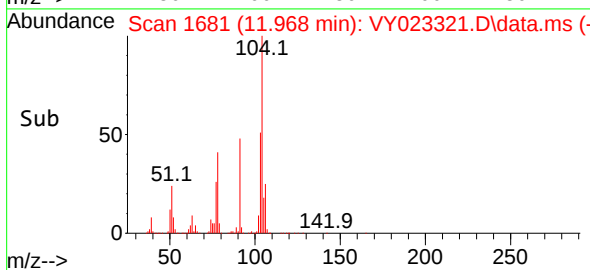
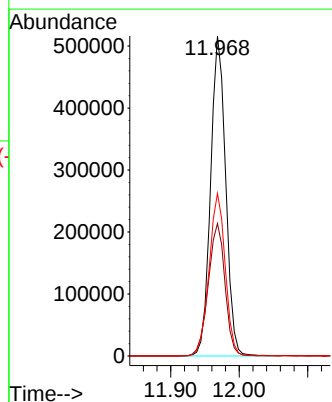
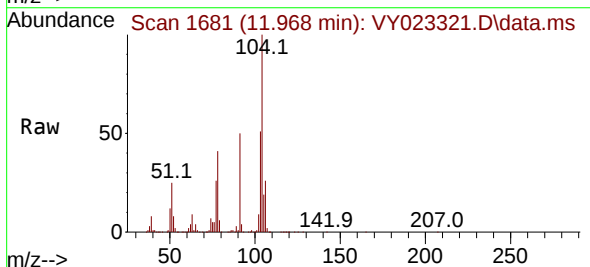
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

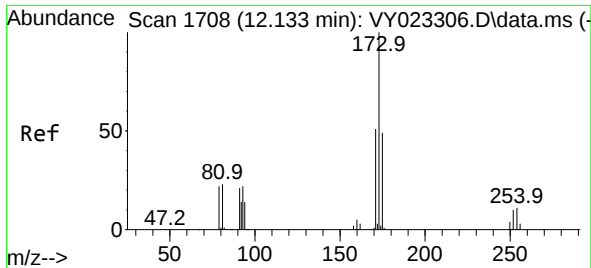
Tgt Ion:106 Resp: 476060
Ion Ratio Lower Upper
106 100
91 202.9 103.2 309.4



#70
Styrene
Concen: 54.402 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion:104 Resp: 792436
Ion Ratio Lower Upper
104 100
78 45.7 38.5 57.7
103 54.5 43.7 65.5

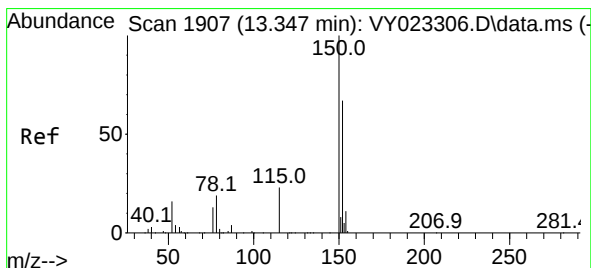
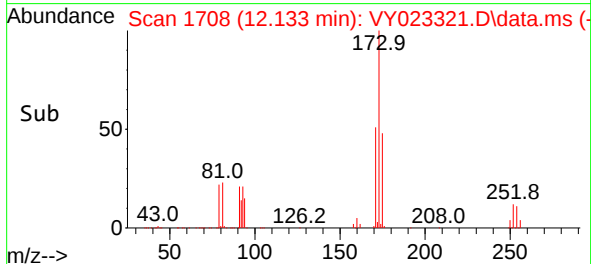
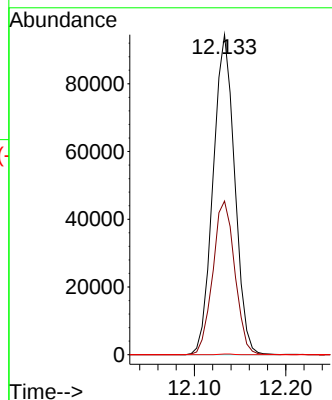
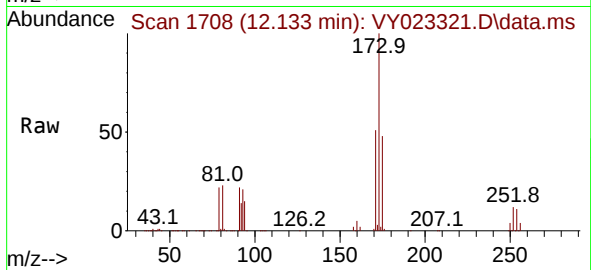




#71
Bromoform
Concen: 50.996 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

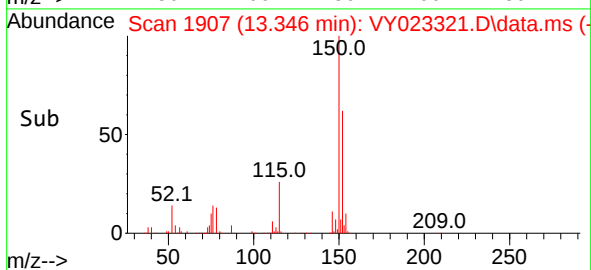
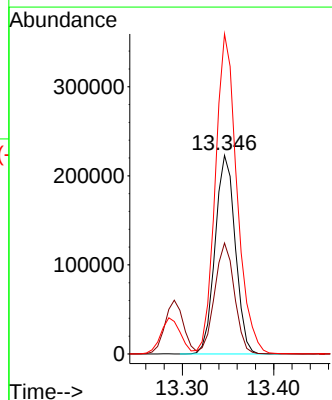
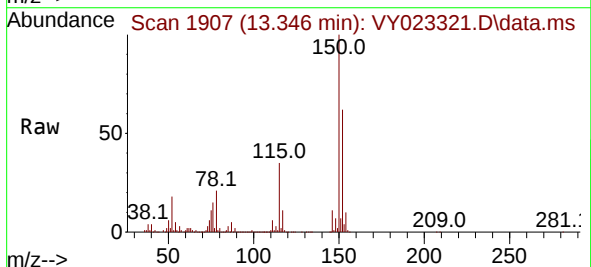
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

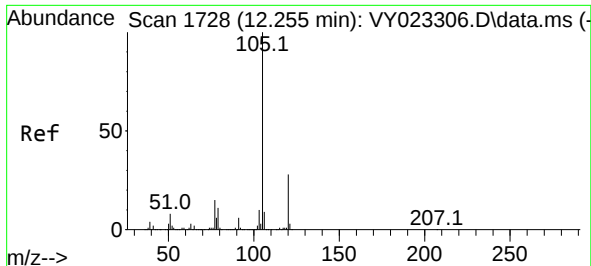
Tgt Ion:173 Resp: 154703
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion:152 Resp: 341214
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.6
150 173.3 0.0 348.0

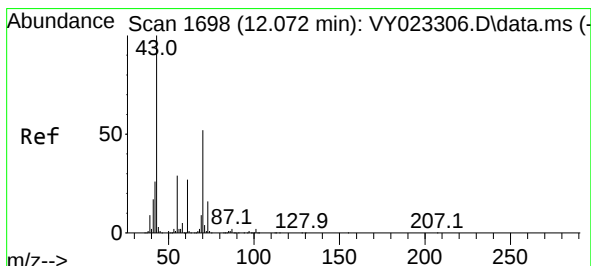
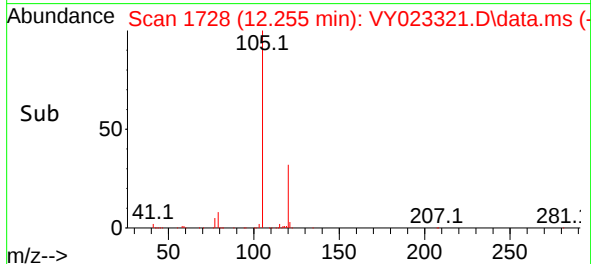
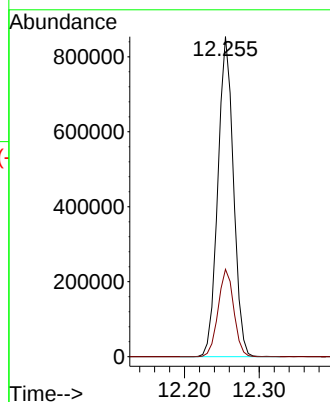
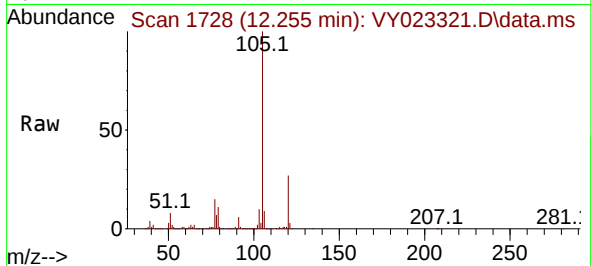




#73
Isopropylbenzene
Concen: 53.751 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

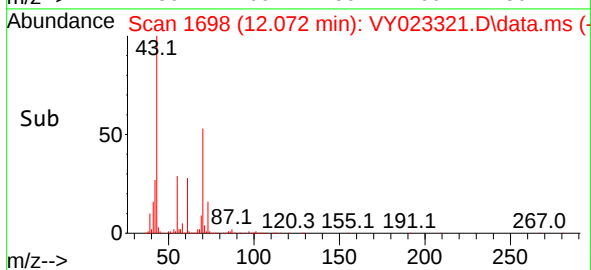
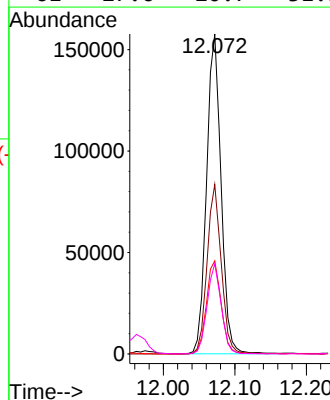
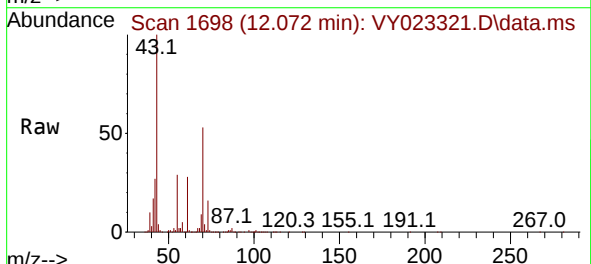
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

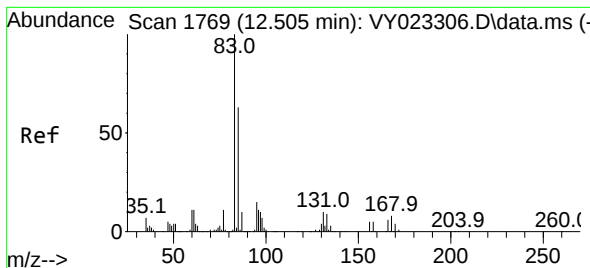
Tgt Ion:105 Resp: 1235422
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 50.983 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 43 Resp: 221496
Ion Ratio Lower Upper
43 100
70 51.9 37.5 56.3
55 29.9 20.7 31.1
61 27.6 20.7 31.1

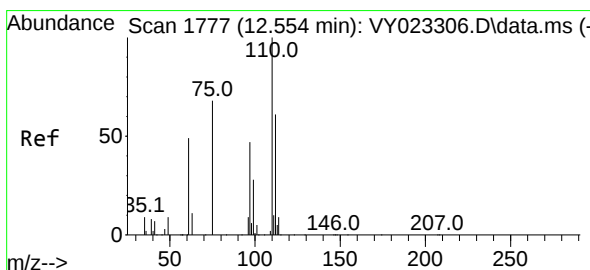
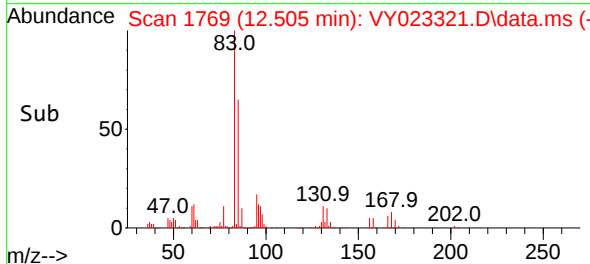
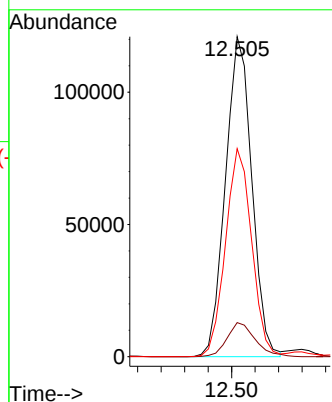
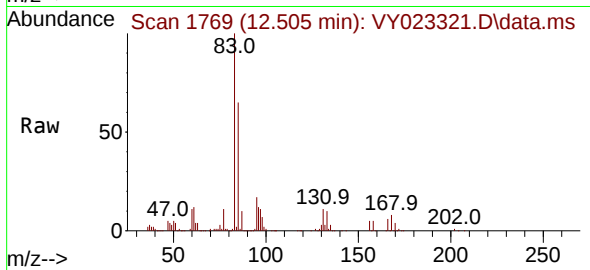




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.939 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023321.D
 Acq: 10 Sep 2025 09:09

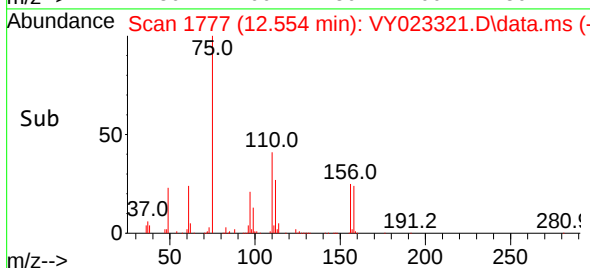
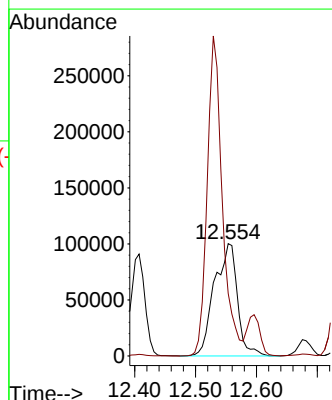
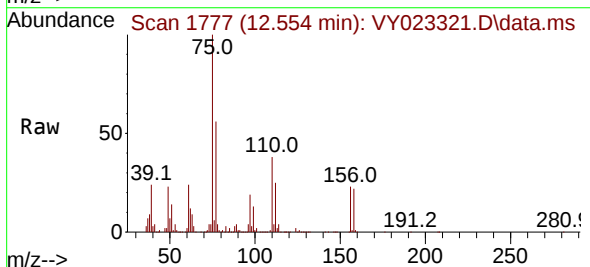
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

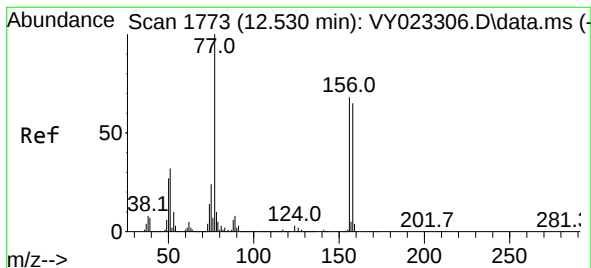
Tgt Ion: 83 Resp: 188779
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.1 15.3
 85 64.5 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 76.102 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023321.D
 Acq: 10 Sep 2025 09:09

Tgt Ion: 75 Resp: 262964
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.516 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

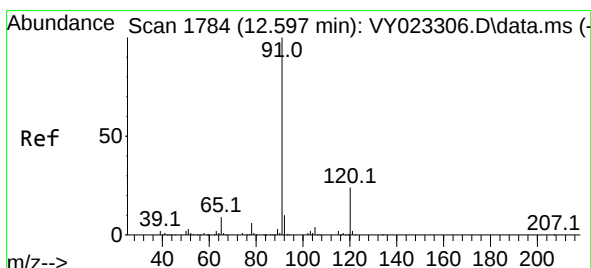
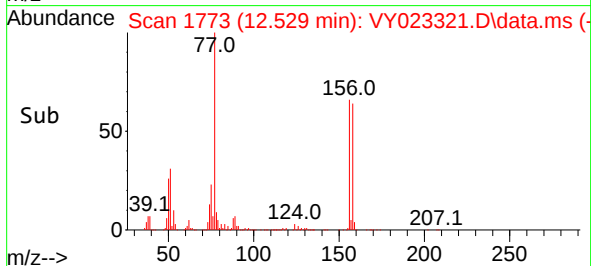
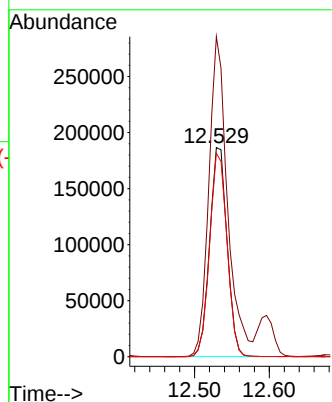
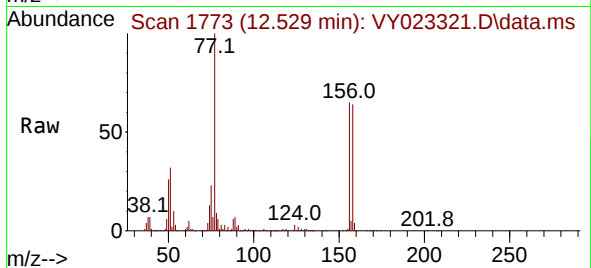
Tgt Ion:156 Resp: 302506

Ion Ratio Lower Upper

156 100

77 164.0 88.1 264.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 54.634 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023321.D

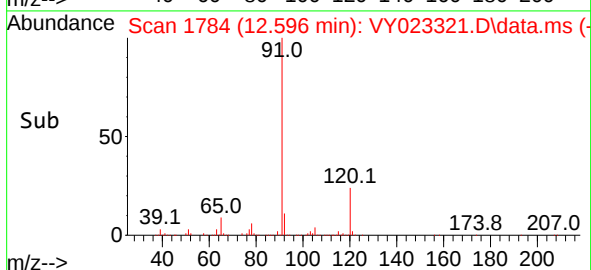
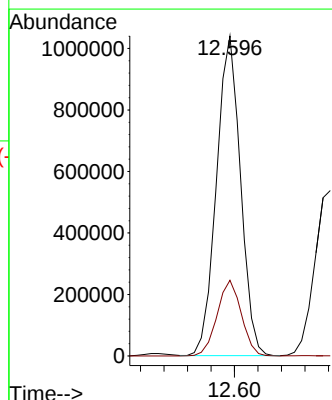
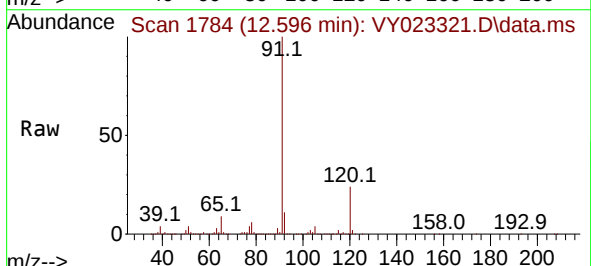
Acq: 10 Sep 2025 09:09

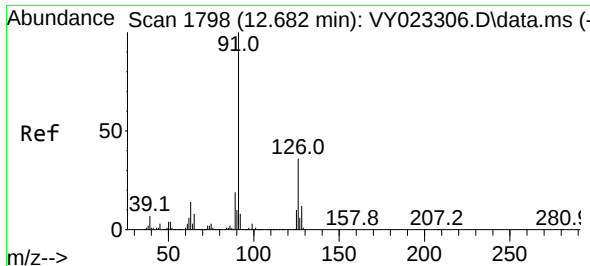
Tgt Ion: 91 Resp: 1480021

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.5

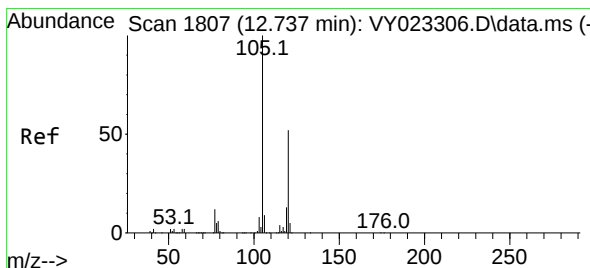
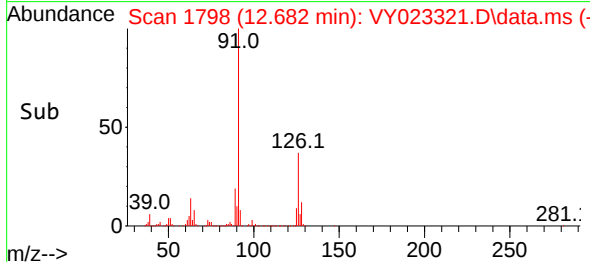
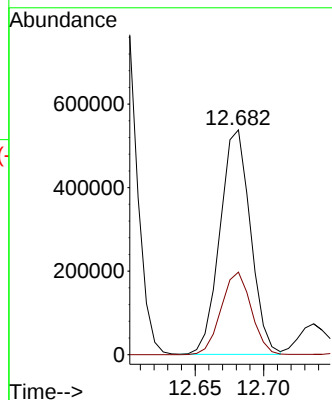
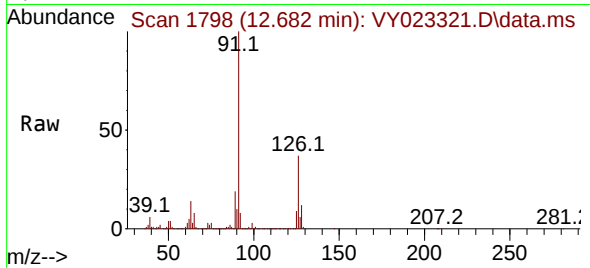




#79
2-Chlorotoluene
Concen: 53.468 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

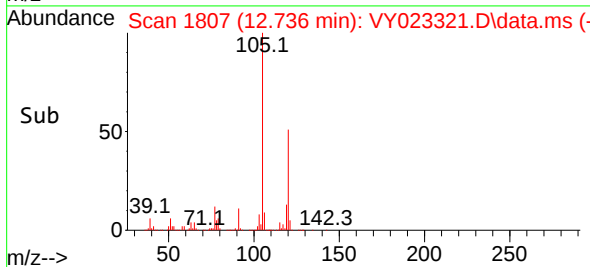
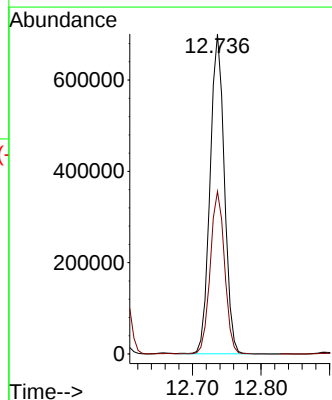
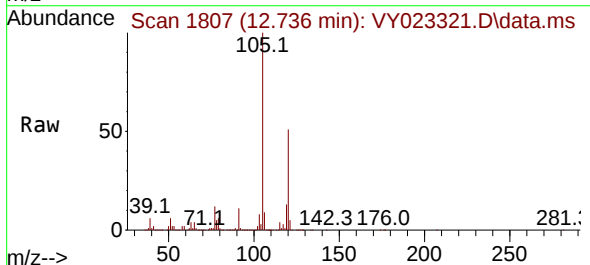
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

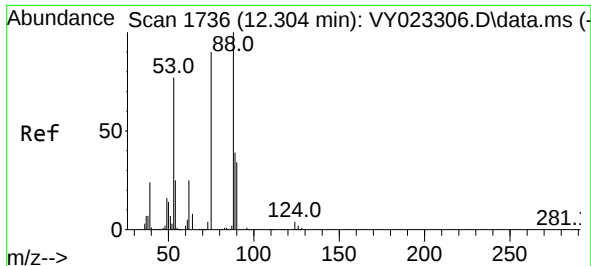
Tgt Ion: 91 Resp: 834260
Ion Ratio Lower Upper
91 100
126 36.3 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 54.272 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 105 Resp: 1014532
Ion Ratio Lower Upper
105 100
120 51.0 24.8 74.4

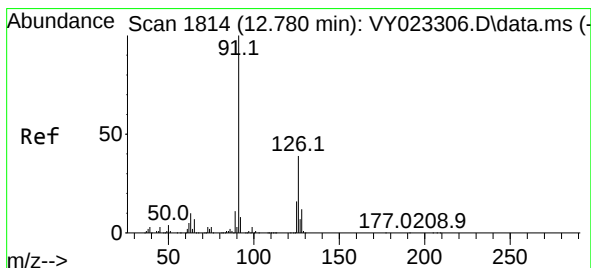
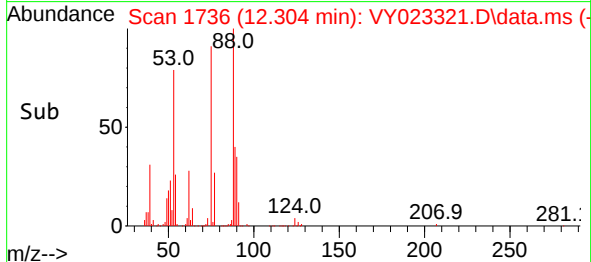
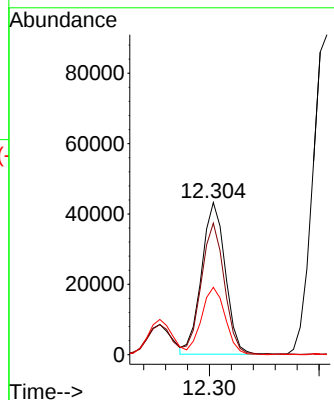
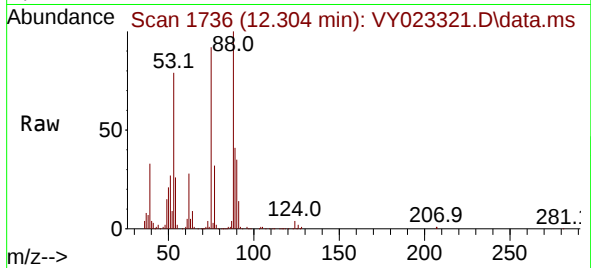




#81
trans-1,4-Dichloro-2-butene
Concen: 51.277 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

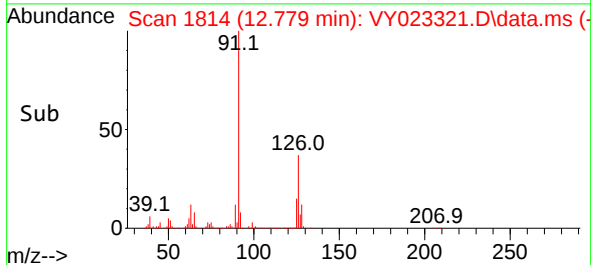
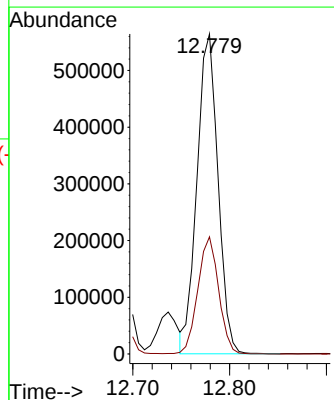
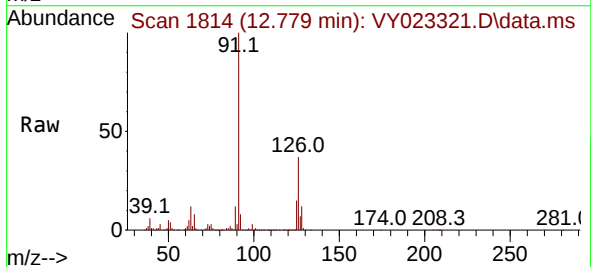
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

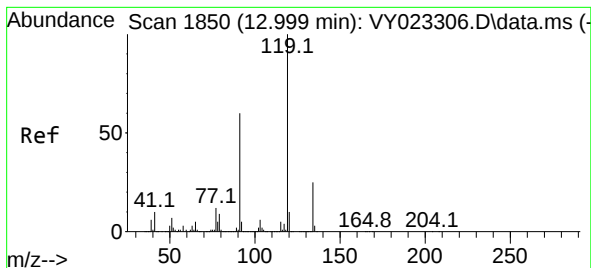
Tgt Ion: 75 Resp: 64972
Ion Ratio Lower Upper
75 100
53 84.4 70.8 106.2
89 44.3 38.1 57.1



#82
4-Chlorotoluene
Concen: 52.206 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 91 Resp: 852325
Ion Ratio Lower Upper
91 100
126 36.4 17.3 52.0





#83

tert-Butylbenzene

Concen: 53.703 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

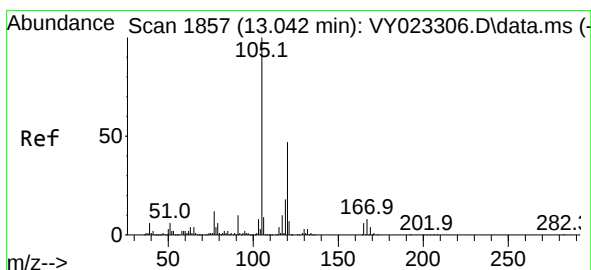
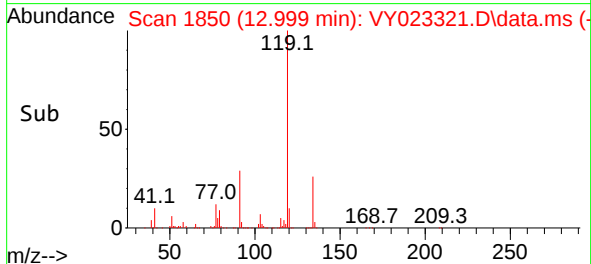
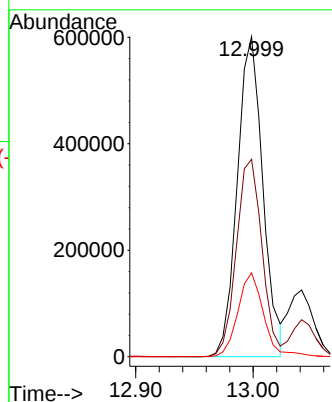
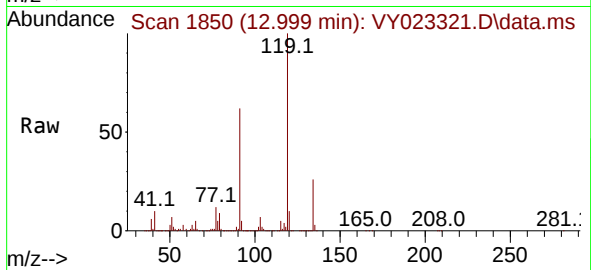
Tgt Ion:119 Resp: 909232

Ion Ratio Lower Upper

119 100

91 61.8 31.6 94.8

134 26.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 54.265 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023321.D

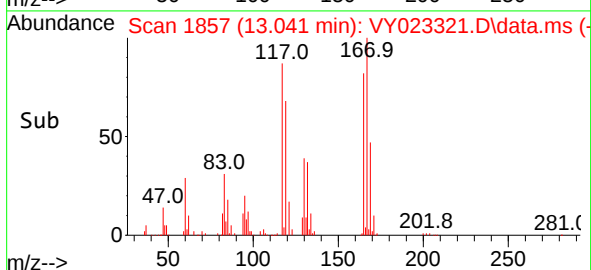
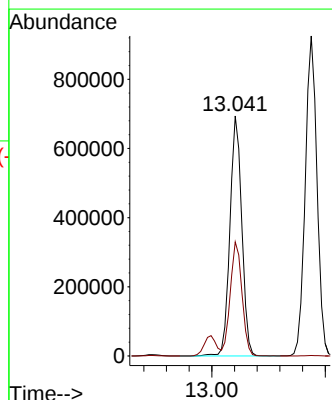
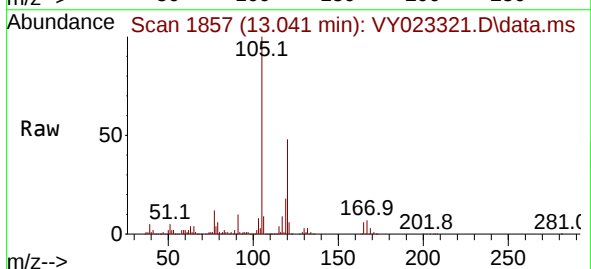
Acq: 10 Sep 2025 09:09

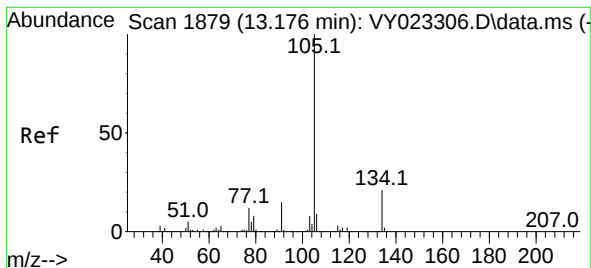
Tgt Ion:105 Resp: 1003523

Ion Ratio Lower Upper

105 100

120 47.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.907 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

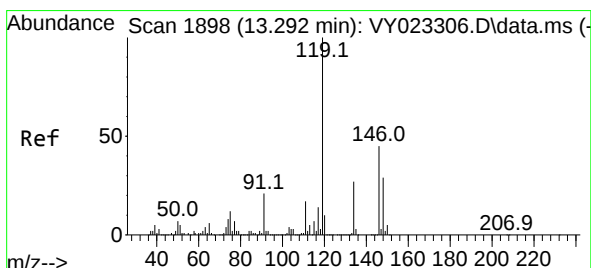
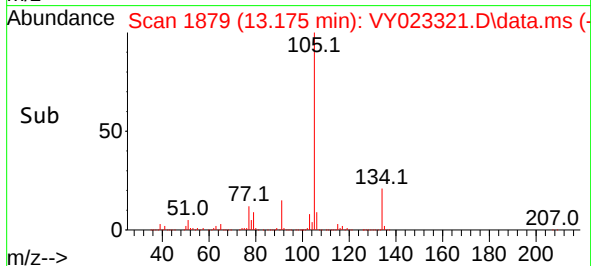
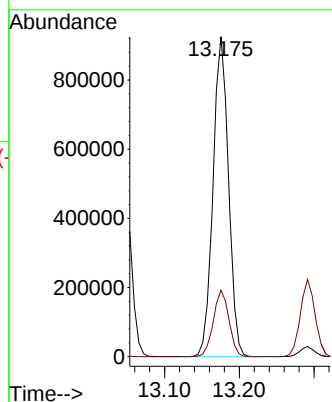
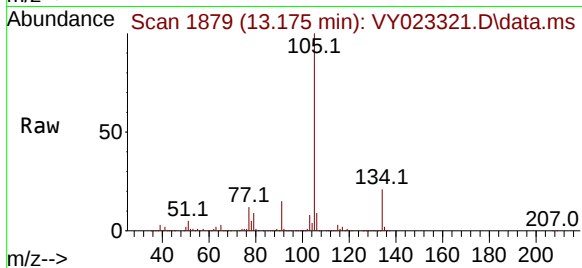
VSTDCCC050

Tgt Ion:105 Resp: 1327932

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.293 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

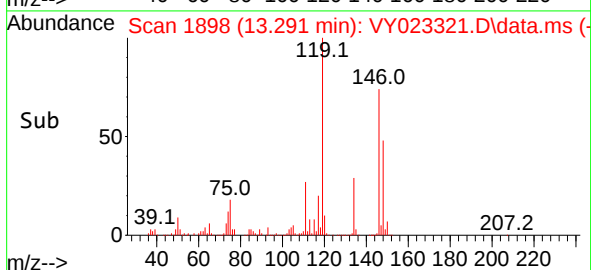
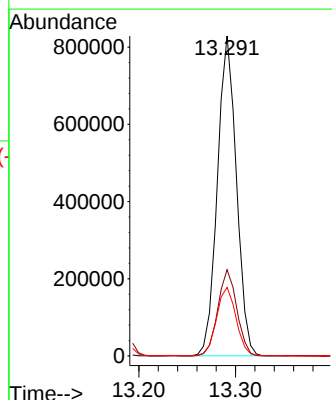
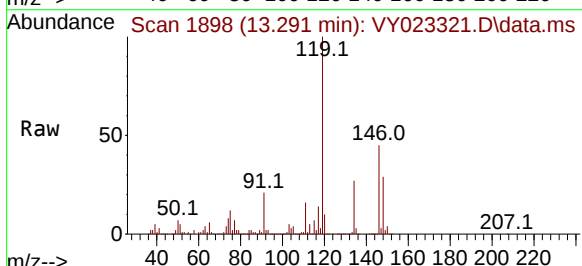
Tgt Ion:119 Resp: 1129738

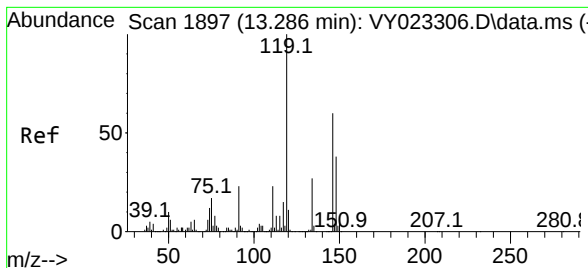
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

91 21.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 51.122 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

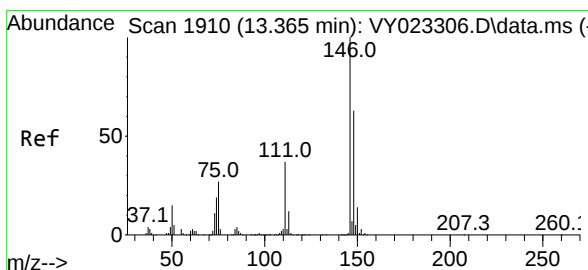
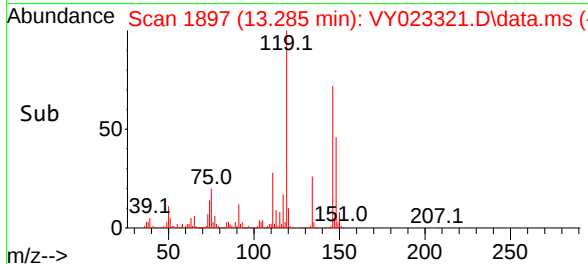
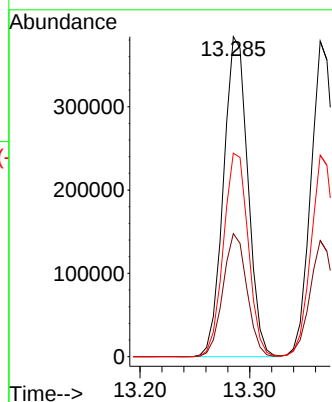
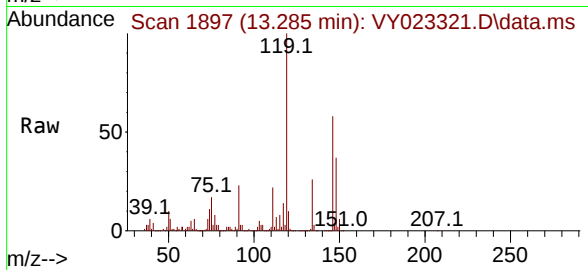
Tgt Ion:146 Resp: 594025

Ion Ratio Lower Upper

146 100

111 37.8 19.6 58.7

148 64.4 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 50.249 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

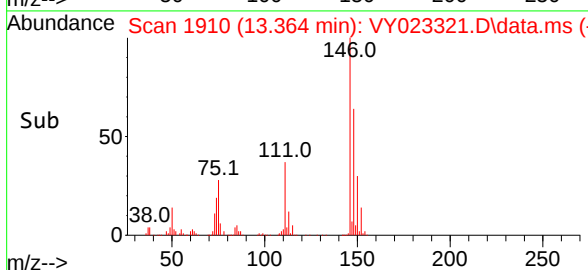
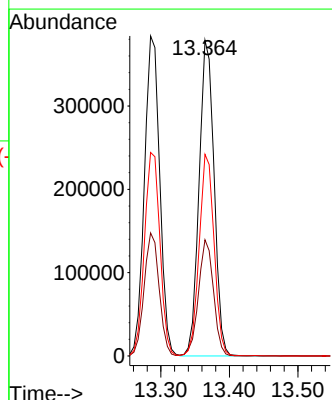
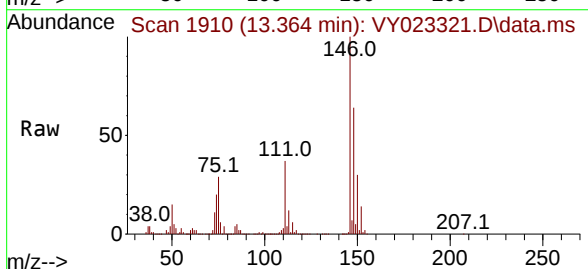
Tgt Ion:146 Resp: 578315

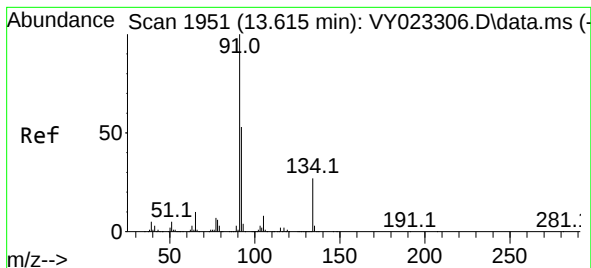
Ion Ratio Lower Upper

146 100

111 36.7 19.1 57.1

148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 54.516 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

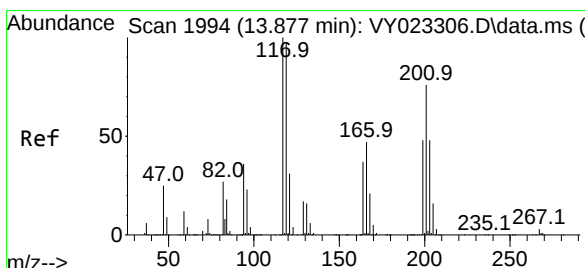
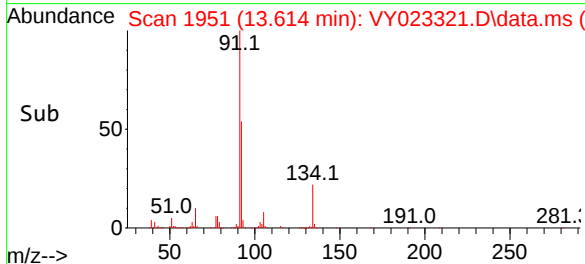
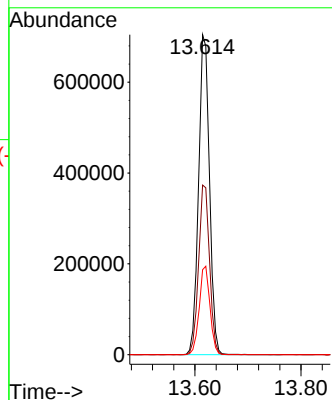
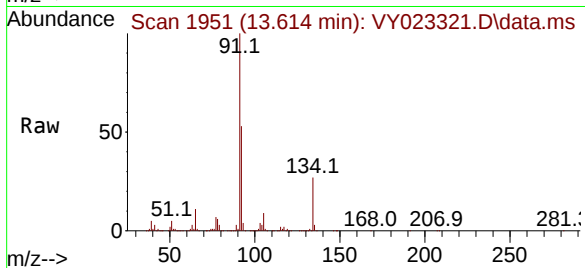
Tgt Ion: 91 Resp: 1006033

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.7

134 27.3 13.2 39.5



#90

Hexachloroethane

Concen: 50.481 ug/l

RT: 13.876 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023321.D

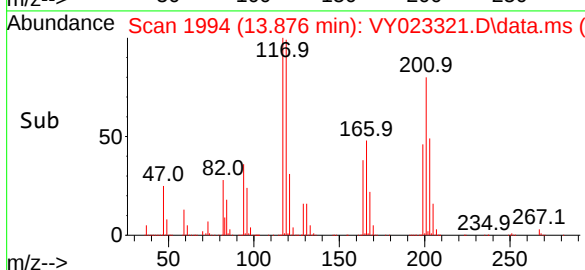
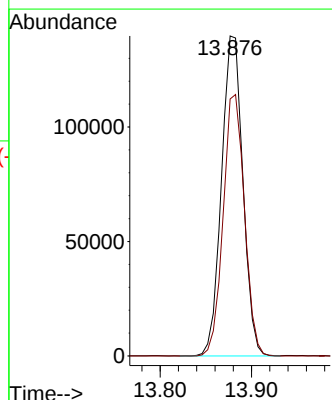
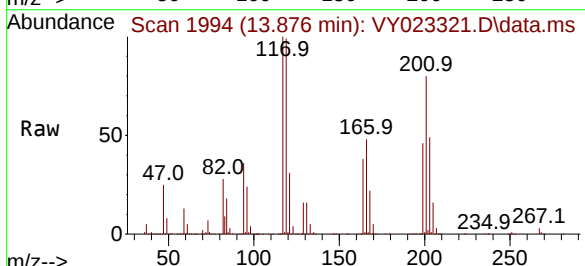
Acq: 10 Sep 2025 09:09

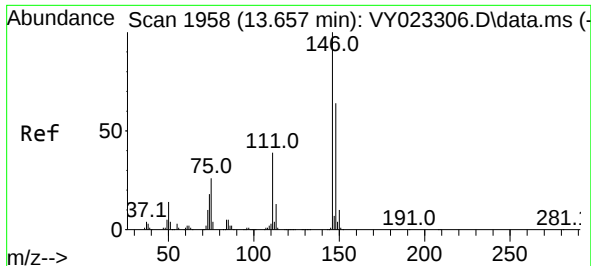
Tgt Ion: 117 Resp: 227728

Ion Ratio Lower Upper

117 100

201 81.1 38.4 115.1

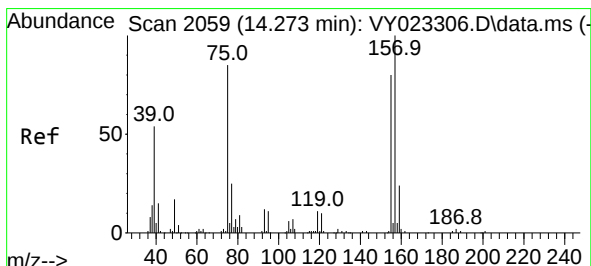
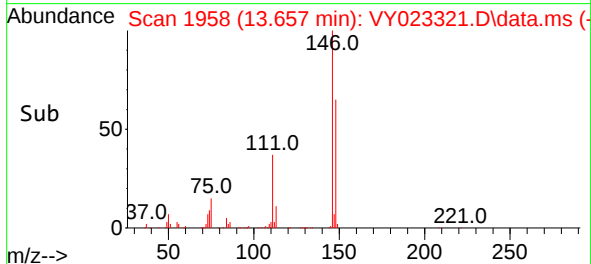
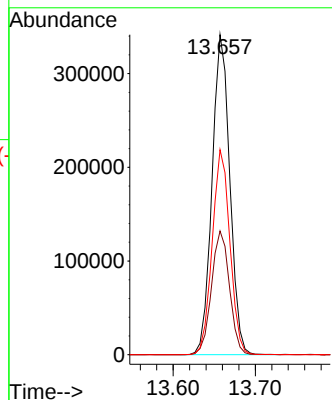
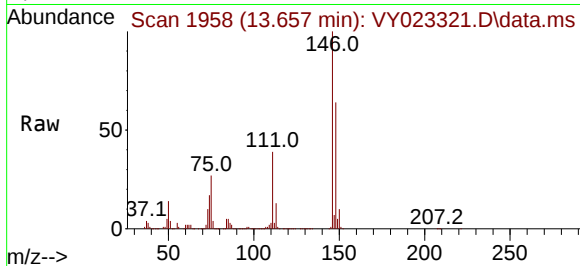




#91
1,2-Dichlorobenzene
Concen: 50.588 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

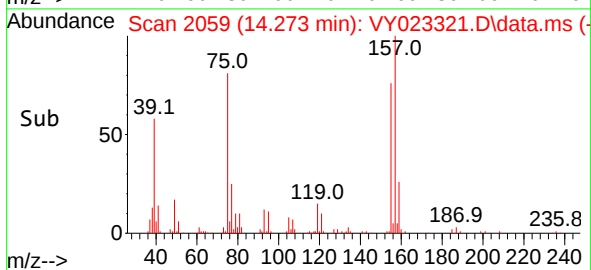
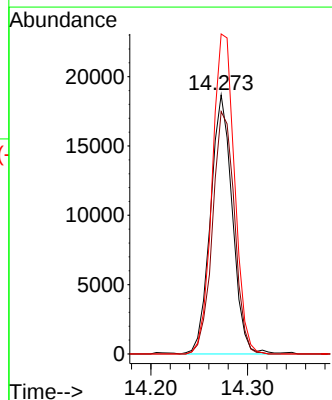
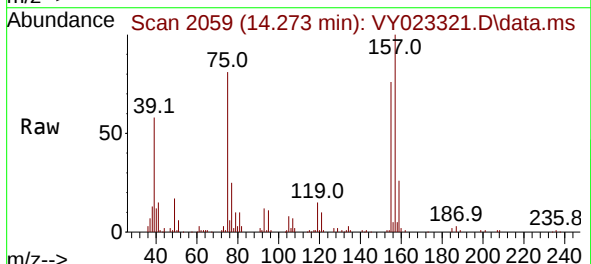
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

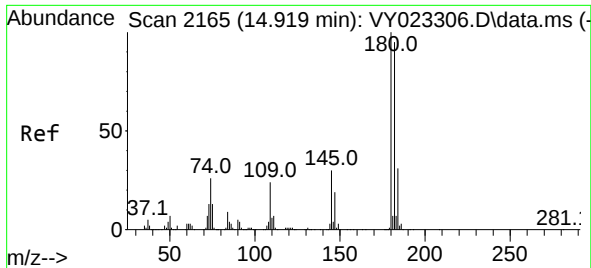
Tgt Ion:146 Resp: 512513
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.8
148 63.8 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.483 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023321.D
Acq: 10 Sep 2025 09:09

Tgt Ion: 75 Resp: 29345
Ion Ratio Lower Upper
75 100
155 93.5 43.9 131.6
157 125.7 57.2 171.6

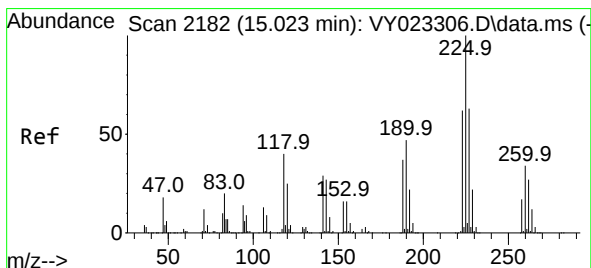
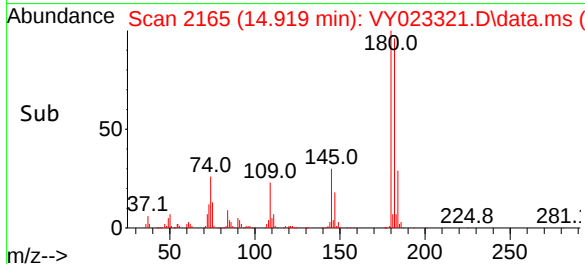
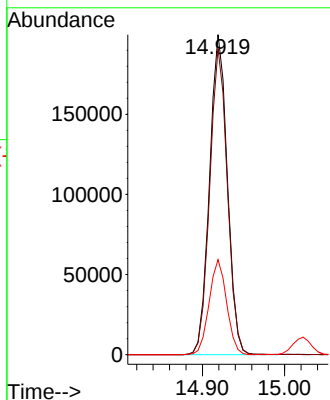
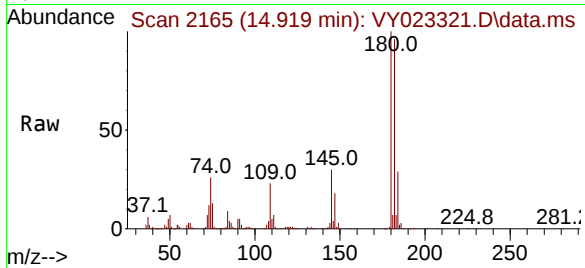




#93
 1,2,4-Trichlorobenzene
 Concen: 50.874 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.006 min
 Lab File: VY023321.D
 Acq: 10 Sep 2025 09:09

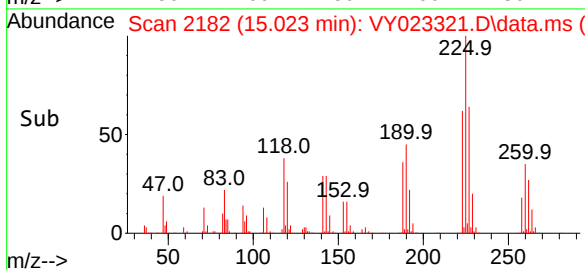
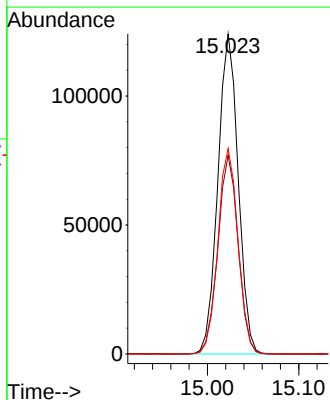
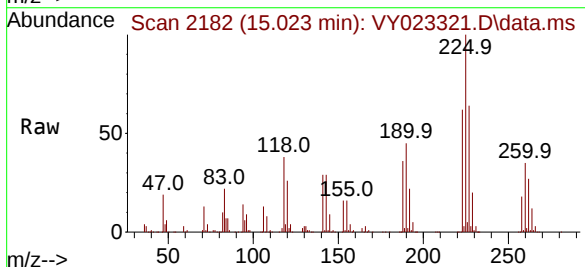
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

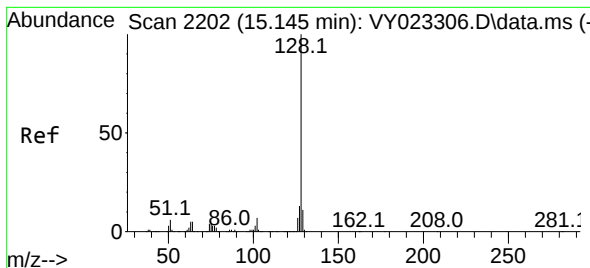
Tgt Ion:180 Resp: 300646
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.8 140.4
 145 29.1 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 52.443 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023321.D
 Acq: 10 Sep 2025 09:09

Tgt Ion:225 Resp: 191619
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.3 93.8
 227 63.6 31.5 94.5





#95

Naphthalene

Concen: 50.843 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

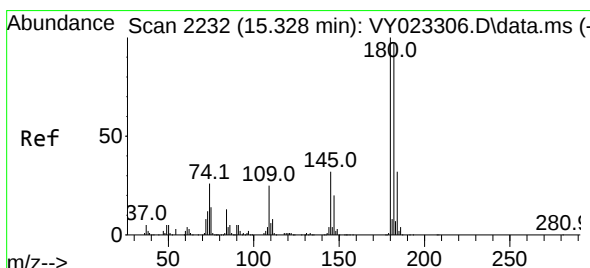
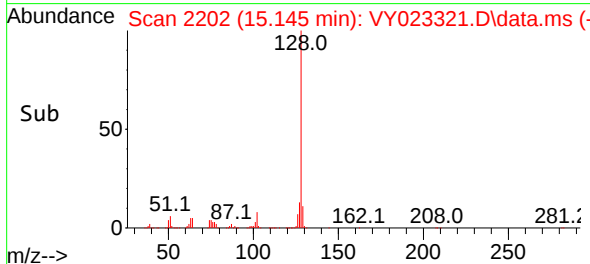
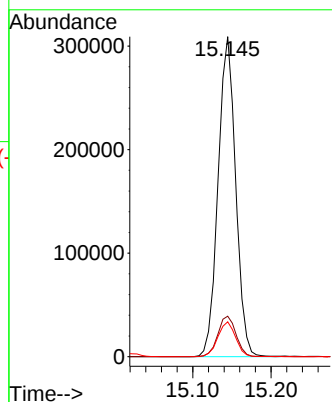
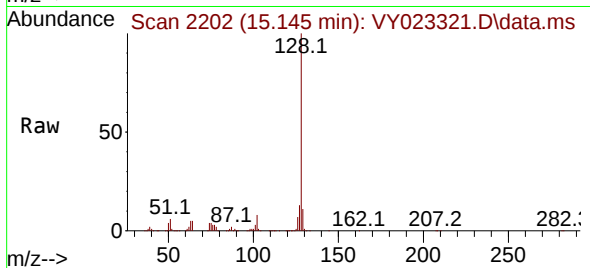
Tgt Ion:128 Resp: 482930

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.1 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 50.662 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023321.D

Acq: 10 Sep 2025 09:09

Tgt Ion:180 Resp: 260012

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.7

145 30.6 15.9 47.7

