

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090925\
 Data File : VY023312.D
 Acq On : 09 Sep 2025 08:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 10 01:48:52 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	563887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	840425	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.420	117	736650	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	380248	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	229835	46.385	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.640	113	249297	48.528	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.109	98	958789	49.426	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.408	95	309568	50.710	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.420%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	209218	46.247	ug/l	99
3) Chloromethane	2.074	50	302118	46.670	ug/l	100
4) Vinyl Chloride	2.208	62	382736	46.931	ug/l	98
5) Bromomethane	2.605	94	302428	45.417	ug/l	100
6) Chloroethane	2.739	64	257059	46.578	ug/l	100
7) Trichlorofluoromethane	3.062	101	478848	46.521	ug/l	98
8) Diethyl Ether	3.458	74	134830	49.505	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	263374	47.579	ug/l	96
10) Methyl Iodide	4.013	142	325501	50.408	ug/l	100
11) Tert butyl alcohol	4.866	59	69895	244.128	ug/l	98
12) 1,1-Dichloroethene	3.793	96	260603	48.938	ug/l	89
13) Acrolein	3.659	56	104813	216.545	ug/l	100
14) Allyl chloride	4.391	41	338264	50.285	ug/l	97
15) Acrylonitrile	5.061	53	256140	238.900	ug/l	99
16) Acetone	3.873	43	319267	282.874	ug/l	99
17) Carbon Disulfide	4.110	76	808347	47.947	ug/l	100
18) Methyl Acetate	4.391	43	131424	47.469	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	628674	50.210	ug/l	100
20) Methylene Chloride	4.622	84	284494	47.114	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	292692	49.193	ug/l	92
22) Diisopropyl ether	6.025	45	749498	50.029	ug/l	94
23) Vinyl Acetate	5.964	43	2089667	252.312	ug/l	97
24) 1,1-Dichloroethane	5.921	63	474594	48.435	ug/l	98
25) 2-Butanone	6.896	43	366111	263.556	ug/l	95
26) 2,2-Dichloropropane	6.890	77	434513	50.222	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	335632	49.814	ug/l	95
28) Bromochloromethane	7.250	49	177834	46.123	ug/l	88
29) Tetrahydrofuran	7.262	42	202486	245.751	ug/l	96
30) Chloroform	7.421	83	508871	48.333	ug/l	97
31) Cyclohexane	7.707	56	413049	47.636	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	455431	48.417	ug/l	99
36) 1,1-Dichloropropene	7.841	75	361432	49.397	ug/l	98
37) Ethyl Acetate	6.988	43	142822	49.069	ug/l	98
38) Carbon Tetrachloride	7.823	117	413501	49.114	ug/l	98
39) Methylcyclohexane	9.109	83	489150	52.257	ug/l	95
40) Benzene	8.085	78	1131106	49.734	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	76059	50.461	ug/l	89
42) 1,2-Dichloroethane	8.165	62	280731	48.483	ug/l	99
43) Isopropyl Acetate	8.201	43	280536	49.555	ug/l #	83
44) Trichloroethene	8.872	130	310894	49.078	ug/l	98
45) 1,2-Dichloropropane	9.146	63	252970	49.251	ug/l	99
46) Dibromomethane	9.231	93	152169	48.648	ug/l	96
47) Bromodichloromethane	9.426	83	385843	49.032	ug/l	96
48) Methyl methacrylate	9.225	41	136245	51.634	ug/l	95
49) 1,4-Dioxane	9.231	88	31281	985.160	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	739345	255.278	ug/l	97
52) Toluene	10.170	92	743960	51.547	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	347111	51.233	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	411929	50.883	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	206001	49.509	ug/l	98
56) Ethyl methacrylate	10.438	69	253944	52.679	ug/l	96
57) 1,3-Dichloropropane	10.719	76	334933	49.584	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	557857	265.516	ug/l	96
59) 2-Hexanone	10.762	43	542658	271.035	ug/l	99
60) Dibromochloromethane	10.914	129	281599	49.880	ug/l	99
61) 1,2-Dibromoethane	11.018	107	192761	49.439	ug/l	100
64) Tetrachloroethene	10.652	164	352257	47.979	ug/l	97
65) Chlorobenzene	11.444	112	813325	50.398	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	279626	49.365	ug/l	98
67) Ethyl Benzene	11.518	91	1381795	52.410	ug/l	98
68) m/p-Xylenes	11.627	106	1111392	105.274	ug/l	96
69) o-Xylene	11.957	106	519828	53.190	ug/l	97
70) Styrene	11.969	104	861435	53.185	ug/l	98
71) Bromoform	12.133	173	168868	50.061	ug/l #	98
73) Isopropylbenzene	12.255	105	1352704	52.812	ug/l	99
74) N-amyl acetate	12.072	43	250405	51.721	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	214109	49.808	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	195698m	50.821	ug/l	
77) Bromobenzene	12.536	156	327793	50.092	ug/l	93
78) n-propylbenzene	12.597	91	1591756	52.727	ug/l	98
79) 2-Chlorotoluene	12.682	91	894134	51.423	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	1095302	52.578	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	70448	49.891	ug/l	98
82) 4-Chlorotoluene	12.780	91	929142	51.069	ug/l	98
83) tert-Butylbenzene	12.999	119	992851	52.623	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	1102645	53.504	ug/l	99
85) sec-Butylbenzene	13.176	105	1454238	52.974	ug/l	99
86) p-Isopropyltoluene	13.292	119	1236729	53.333	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	655102	50.591	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	635462	49.546	ug/l	98
89) n-Butylbenzene	13.615	91	1102735	53.622	ug/l	99
90) Hexachloroethane	13.883	117	248369	49.405	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	571205	50.593	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31904	47.300	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	343433	52.149	ug/l	99
94) Hexachlorobutadiene	15.023	225	207489	50.957	ug/l	100
95) Naphthalene	15.145	128	565006	53.378	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	292910	51.213	ug/l	99

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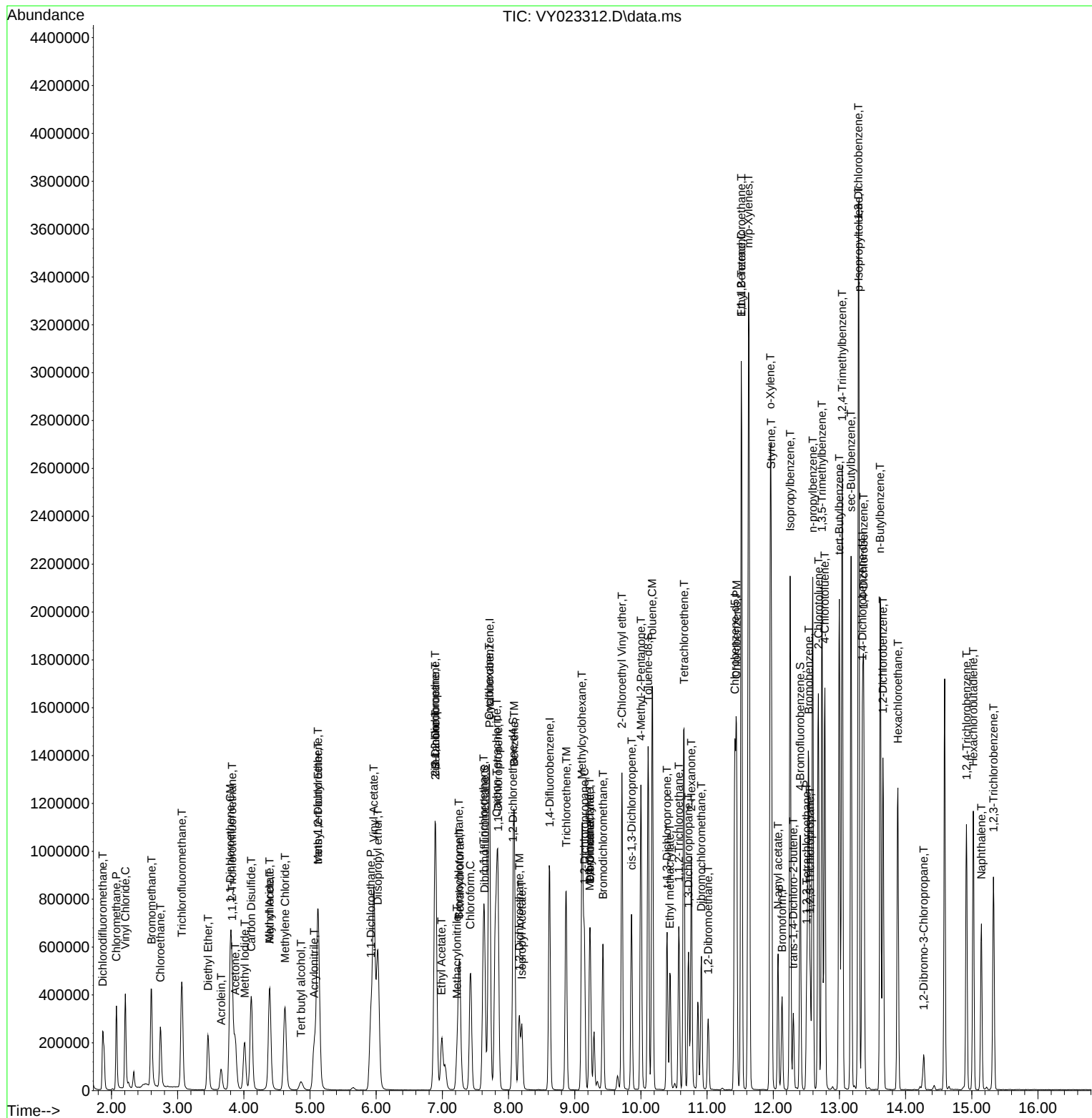
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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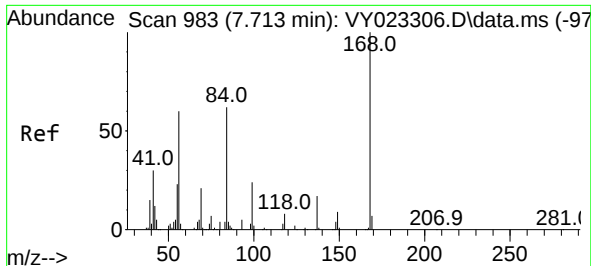
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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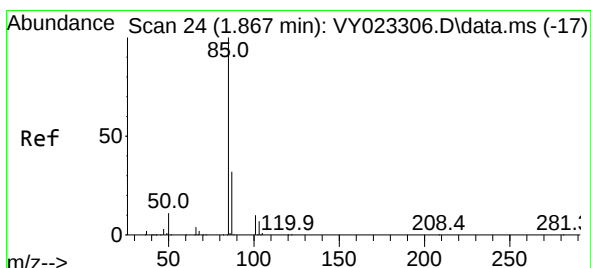
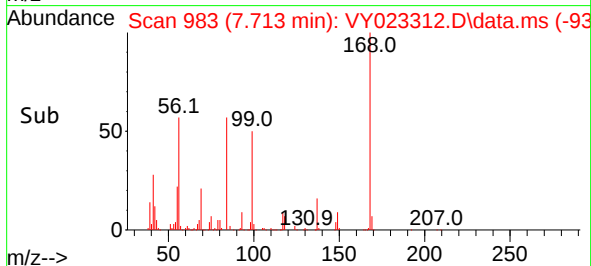
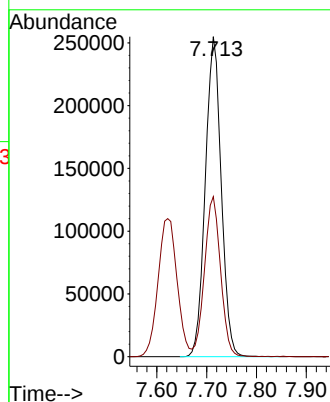
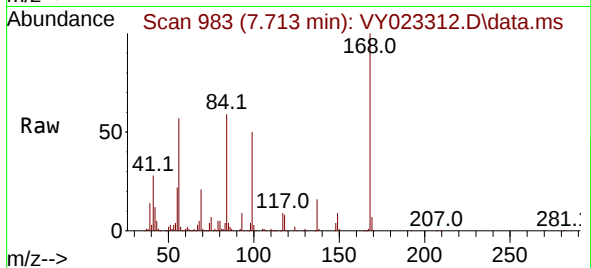




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023312.D
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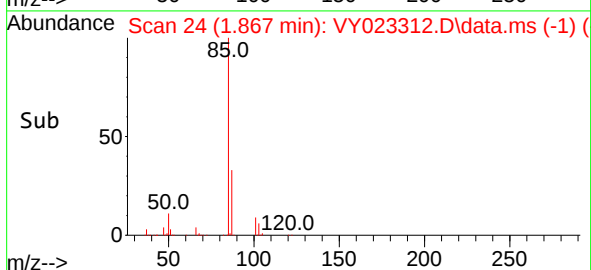
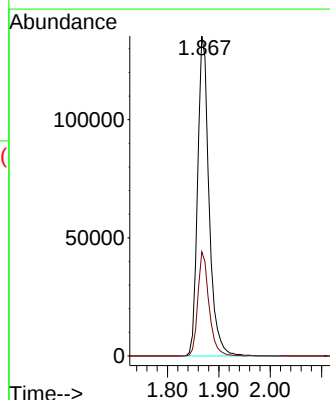
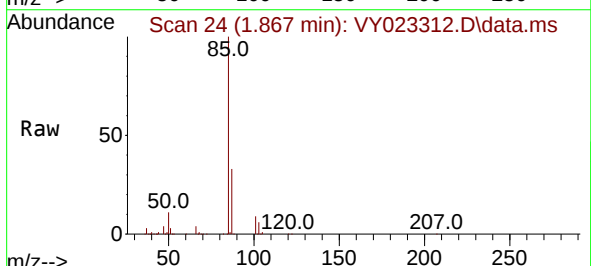
Instrument :
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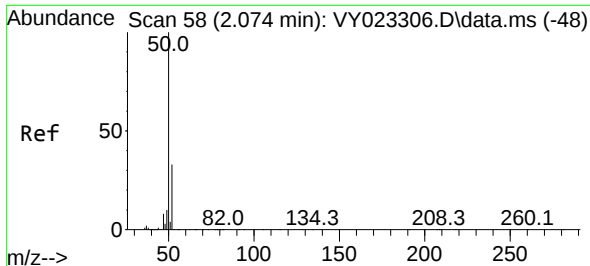
Tgt Ion:168 Resp: 563887
Ion Ratio Lower Upper
168 100
99 49.9 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 46.247 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 85 Resp: 209218
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8

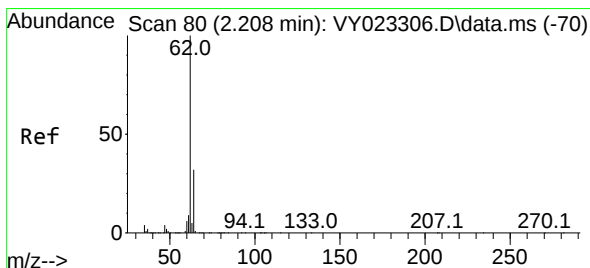
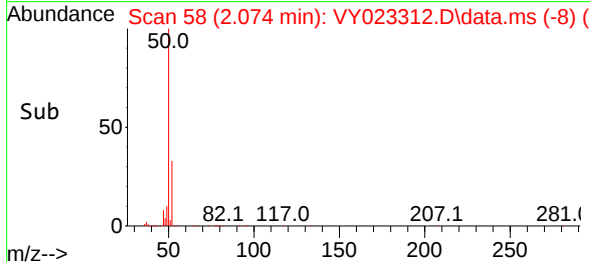
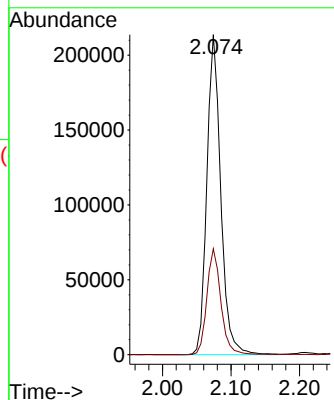
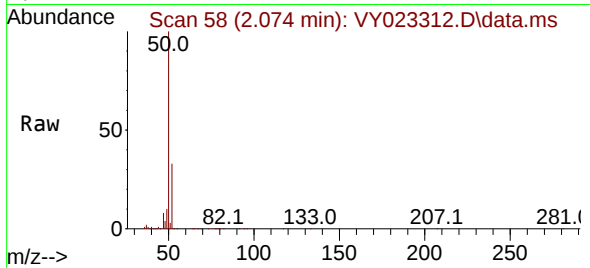




#3
Chloromethane
Concen: 46.670 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

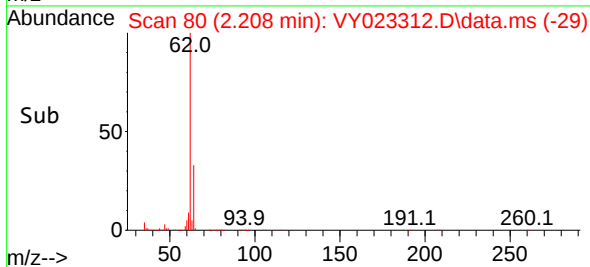
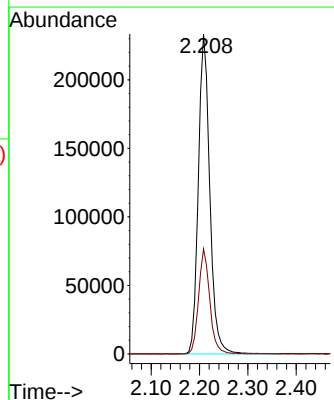
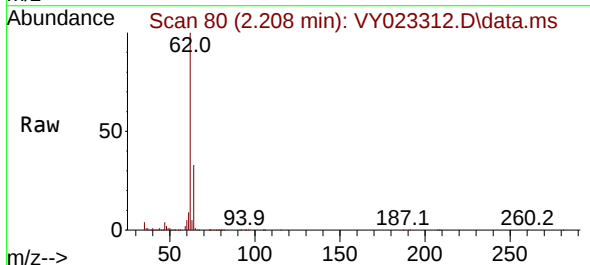
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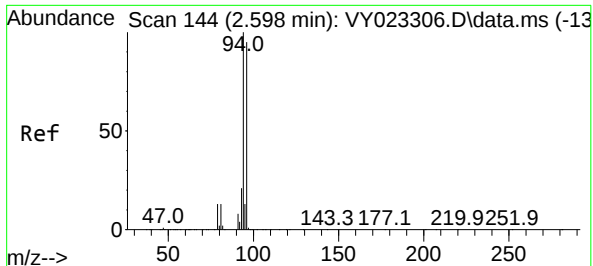
Tgt Ion: 50 Resp: 302118
Ion Ratio Lower Upper
50 100
52 33.1 26.7 40.1



#4
Vinyl Chloride
Concen: 46.931 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 62 Resp: 382736
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

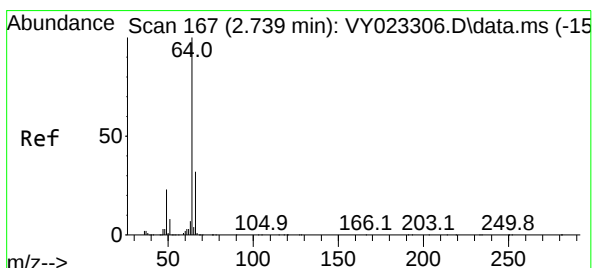
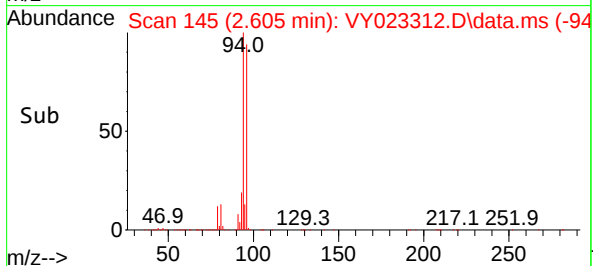
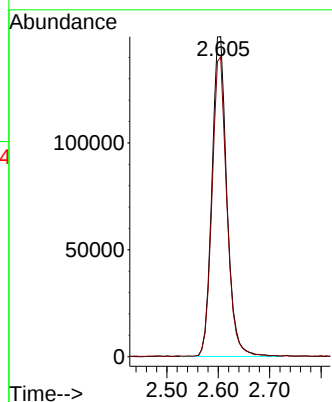
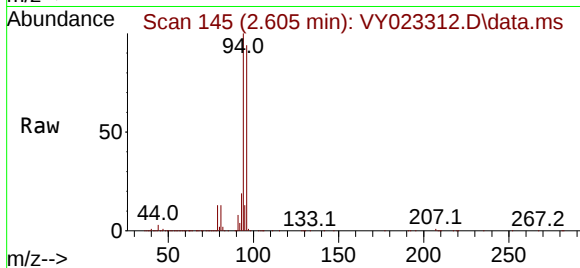




#5
Bromomethane
Concen: 45.417 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

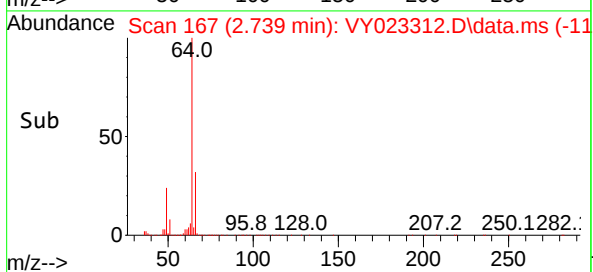
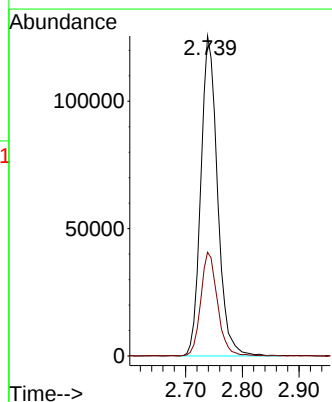
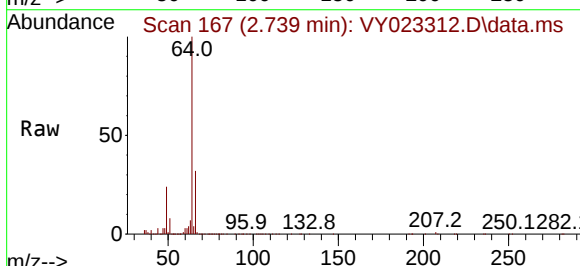
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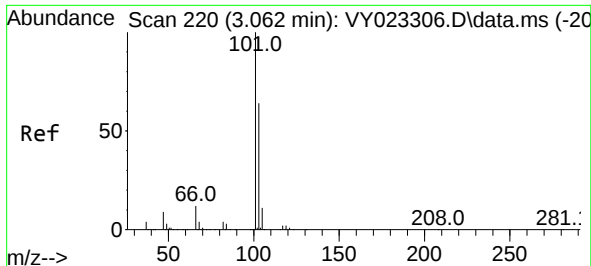
Tgt Ion: 94 Resp: 302428
Ion Ratio Lower Upper
94 100
96 93.5 74.6 112.0



#6
Chloroethane
Concen: 46.578 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023312.D
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Tgt Ion: 64 Resp: 257059
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.6

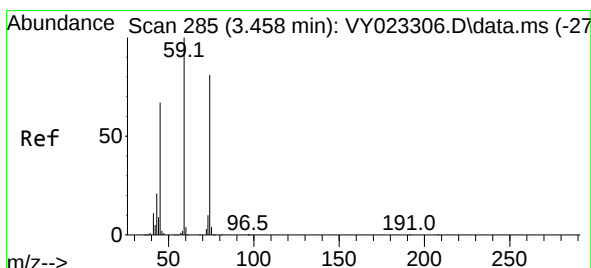
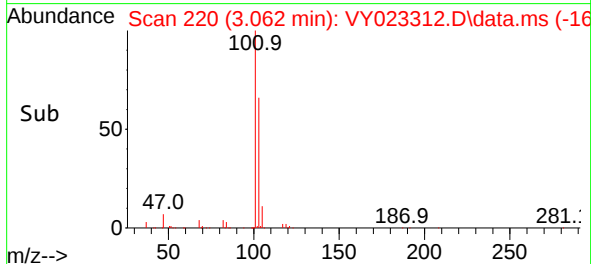
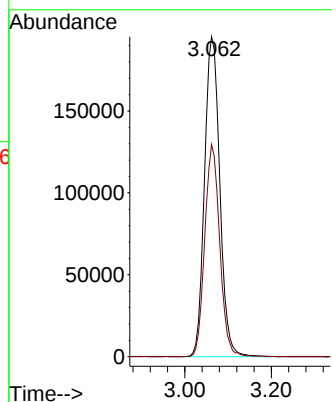
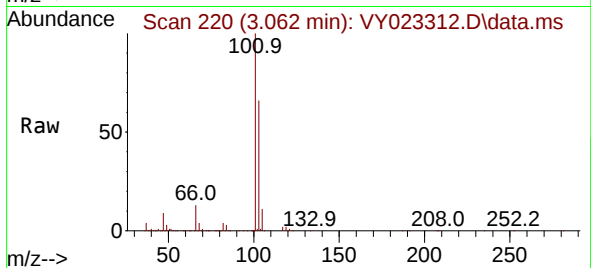




#7
 Trichlorofluoromethane
 Concen: 46.521 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY023312.D
 Acq: 09 Sep 2025 08:48

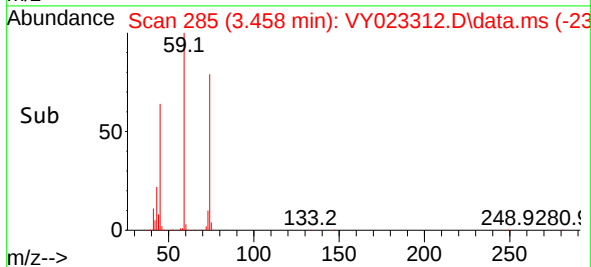
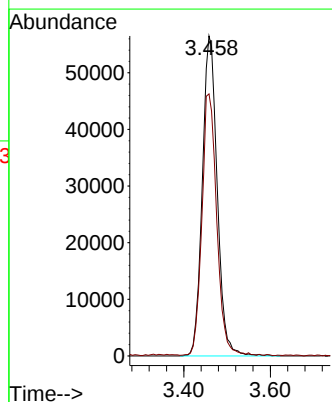
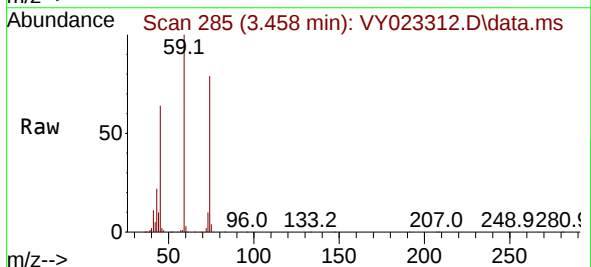
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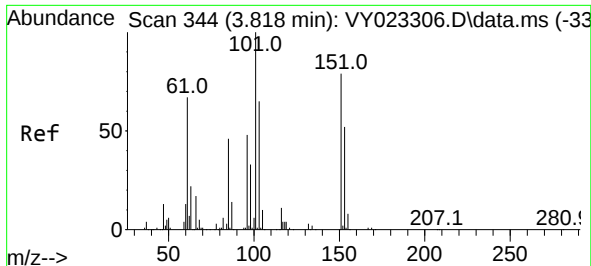
Tgt Ion:101 Resp: 478848
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 49.505 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023312.D
 Acq: 09 Sep 2025 08:48

Tgt Ion: 74 Resp: 134830
 Ion Ratio Lower Upper
 74 100
 45 81.3 44.4 133.2

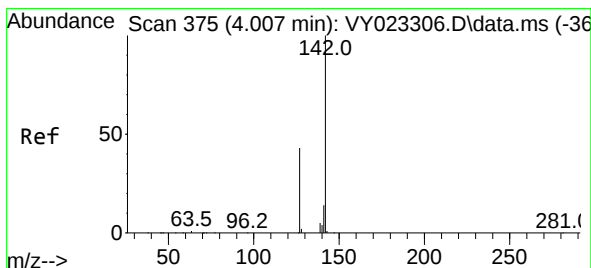
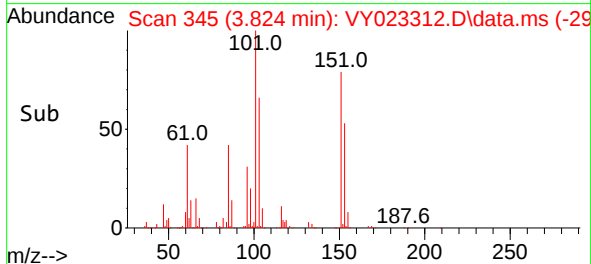
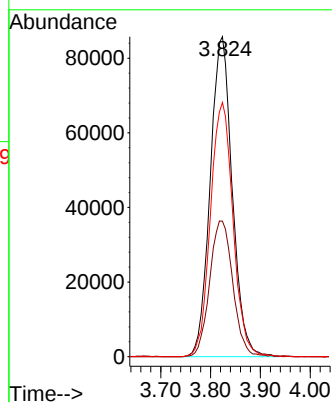
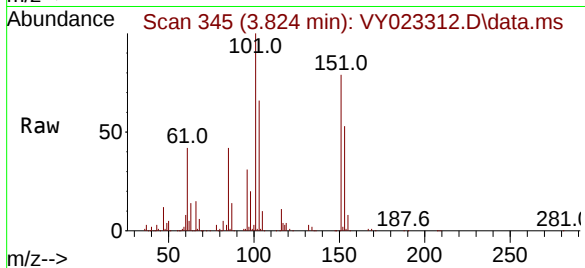




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.579 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

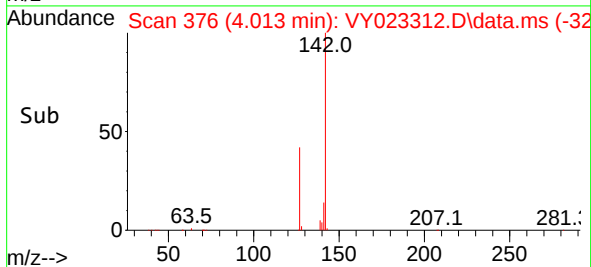
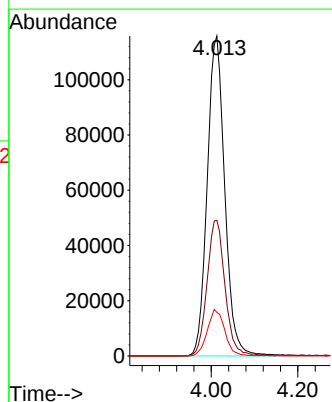
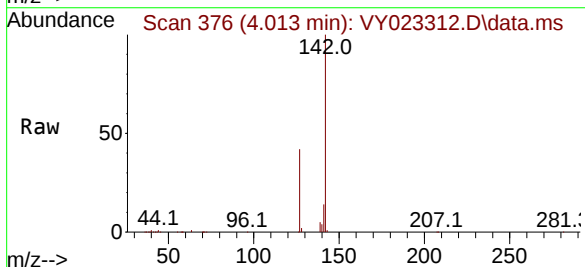
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

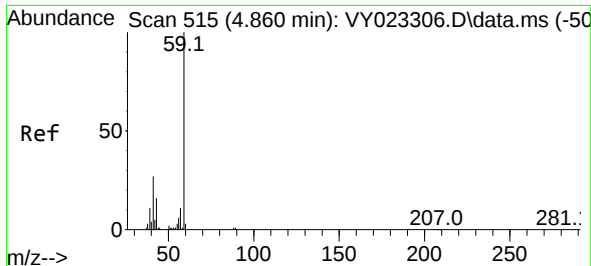
Tgt Ion:101 Resp: 263374
Ion Ratio Lower Upper
101 100
85 44.6 36.3 54.5
151 81.5 61.5 92.3



#10
Methyl Iodide
Concen: 50.408 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.018 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion:142 Resp: 325501
Ion Ratio Lower Upper
142 100
127 43.5 34.9 52.3
141 14.5 11.3 16.9

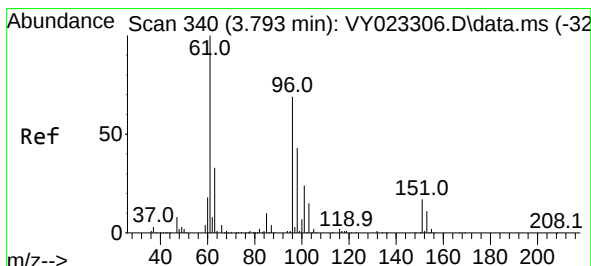
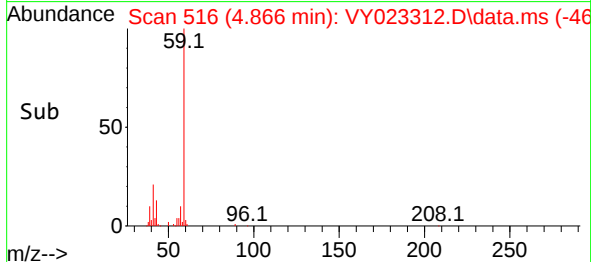
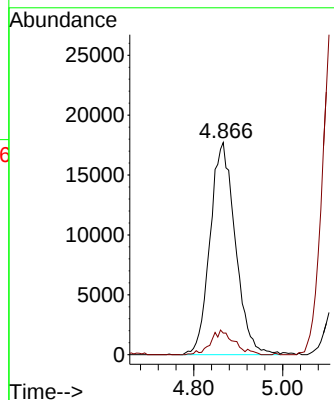
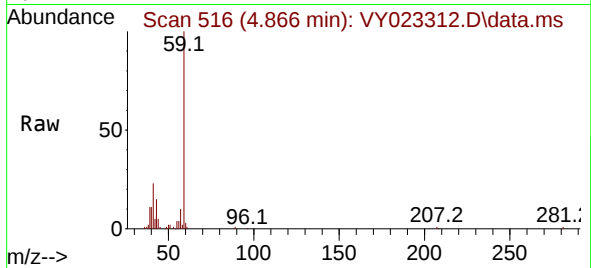




#11
Tert butyl alcohol
Concen: 244.128 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

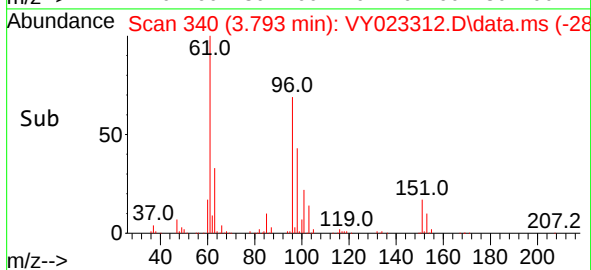
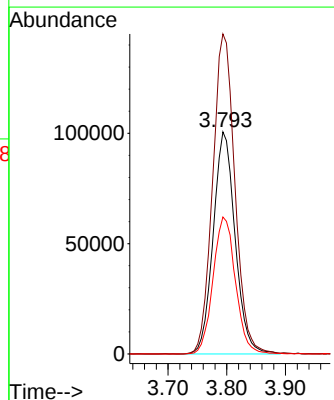
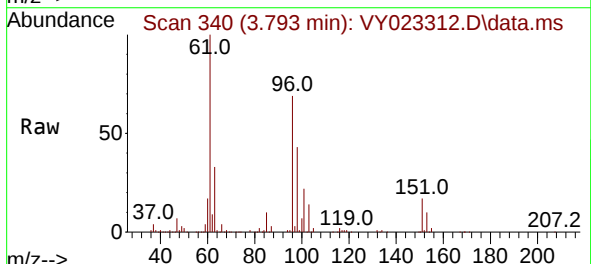
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

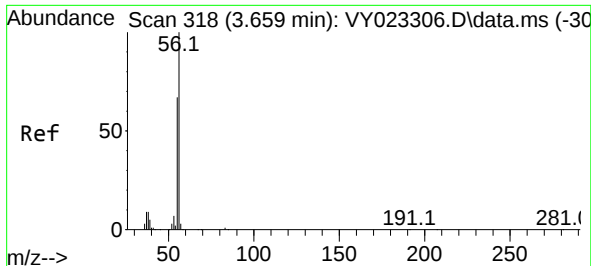
Tgt Ion: 59 Resp: 69895
Ion Ratio Lower Upper
59 100
57 10.1 8.6 13.0



#12
1,1-Dichloroethene
Concen: 48.938 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 96 Resp: 260603
Ion Ratio Lower Upper
96 100
61 144.1 129.4 194.2
98 61.7 52.8 79.2

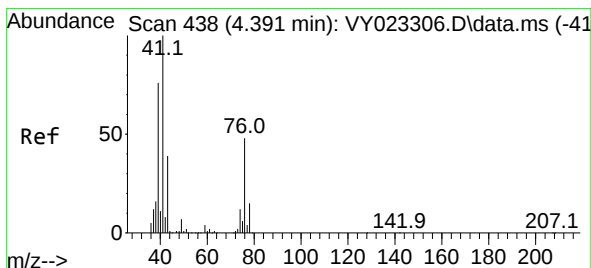
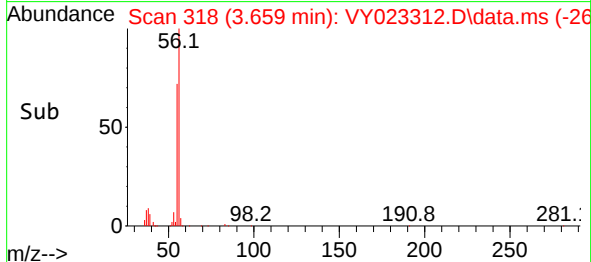
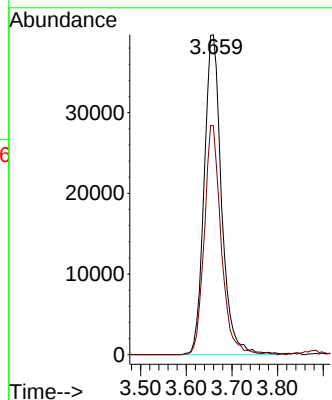
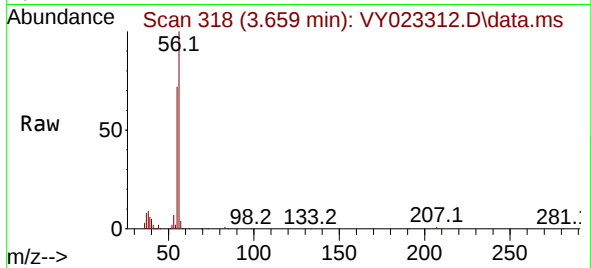




#13
Acrolein
Concen: 216.545 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

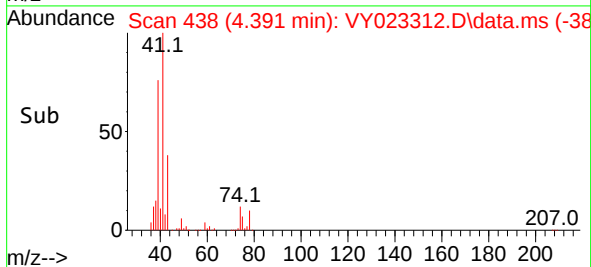
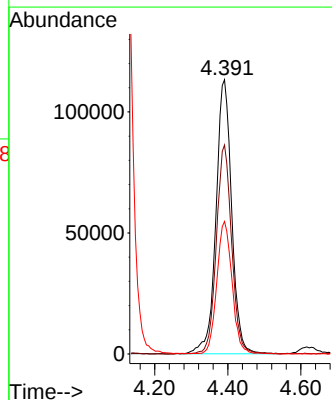
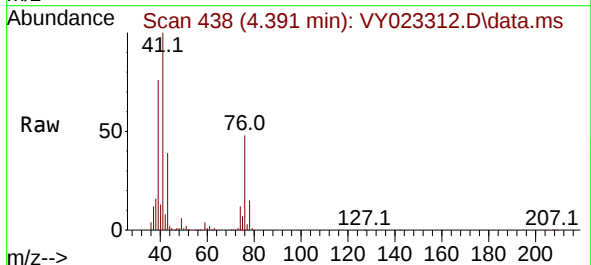
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

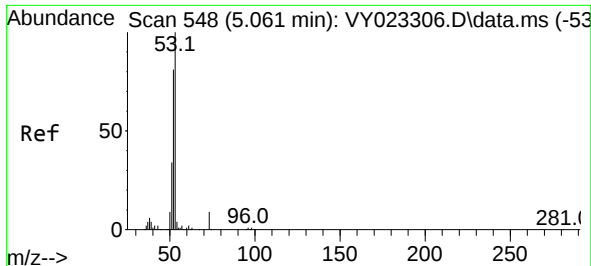
Tgt Ion: 56 Resp: 104813
Ion Ratio Lower Upper
56 100
55 69.4 55.2 82.8



#14
Allyl chloride
Concen: 50.285 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 41 Resp: 338264
Ion Ratio Lower Upper
41 100
39 74.1 59.8 89.6
76 46.5 33.7 50.5

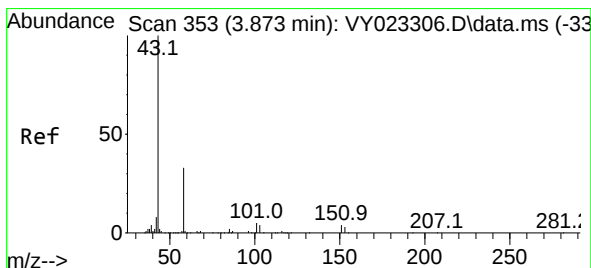
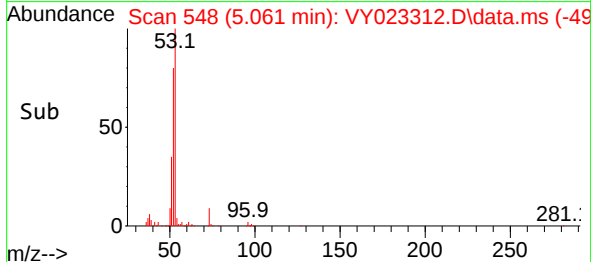
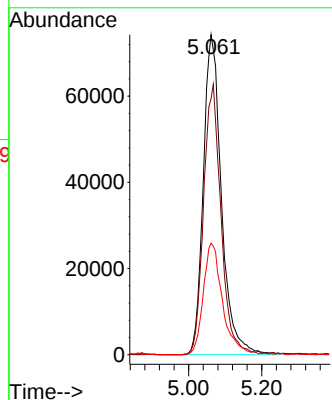
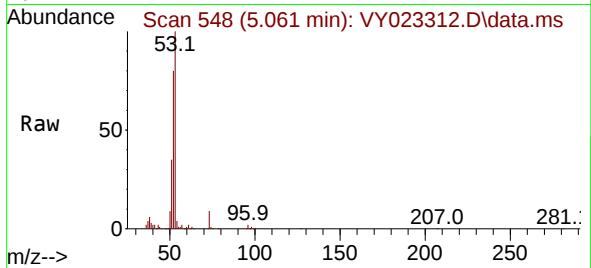




#15
Acrylonitrile
Concen: 238.900 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

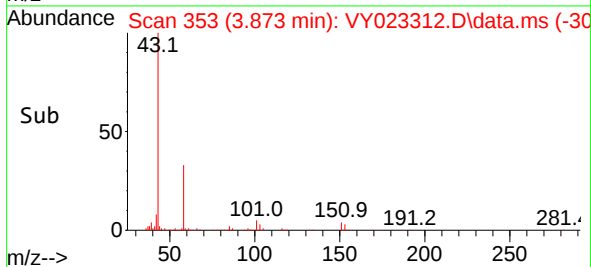
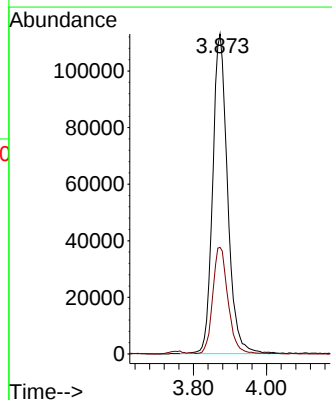
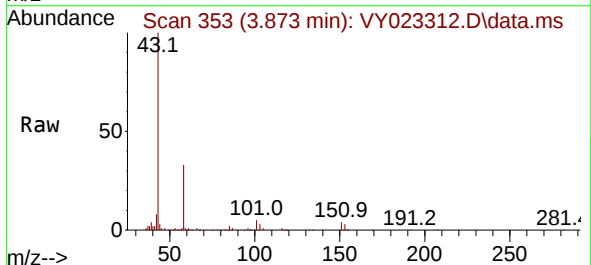
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

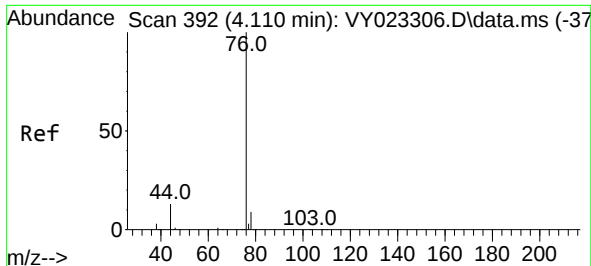
Tgt Ion: 53 Resp: 256140
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 36.9 29.5 44.3



#16
Acetone
Concen: 282.874 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 43 Resp: 319267
Ion Ratio Lower Upper
43 100
58 33.2 27.1 40.7

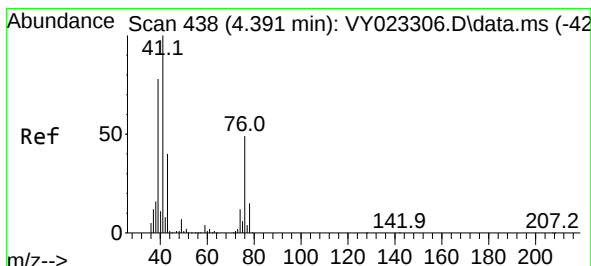
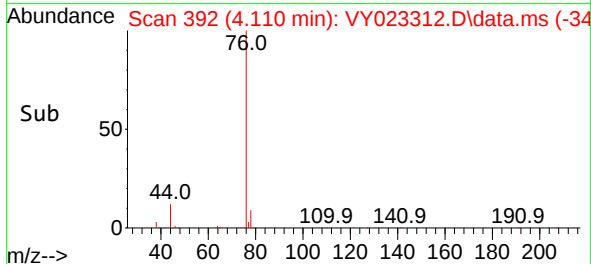
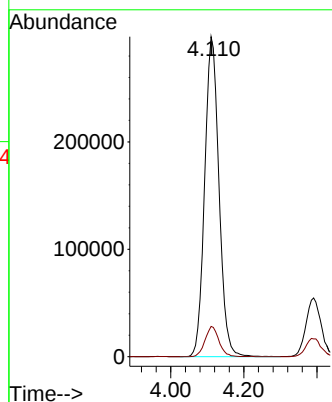
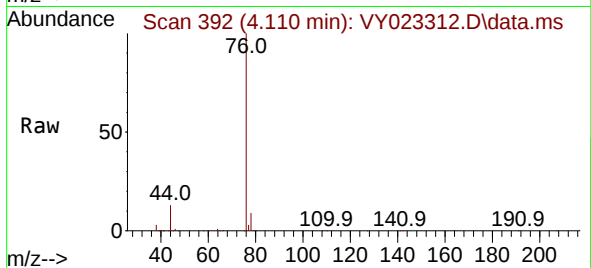




#17
Carbon Disulfide
Concen: 47.947 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

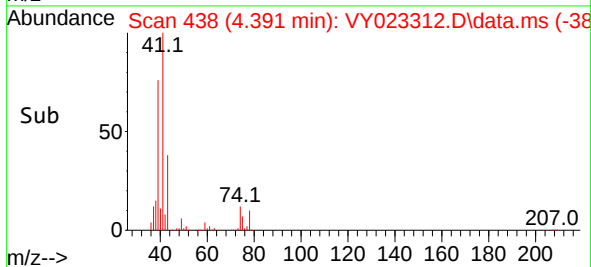
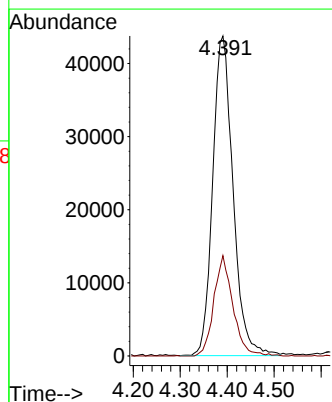
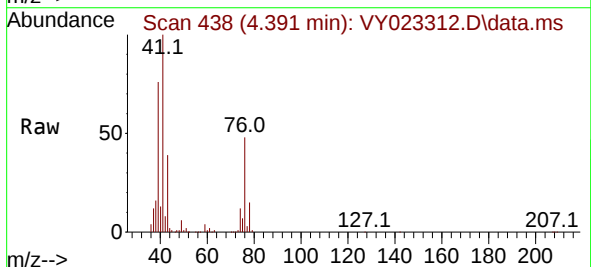
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

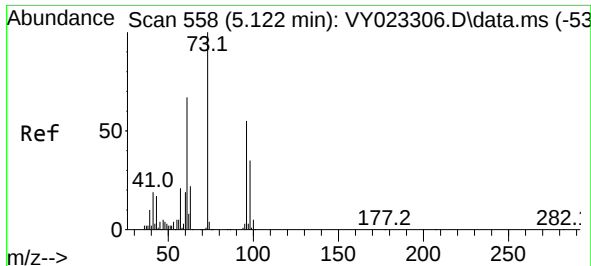
Tgt Ion: 76 Resp: 808347
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 47.469 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 43 Resp: 131424
Ion Ratio Lower Upper
43 100
74 29.2 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 50.210 ug/l

RT: 5.122 min Scan# 558

Delta R.T. 0.012 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

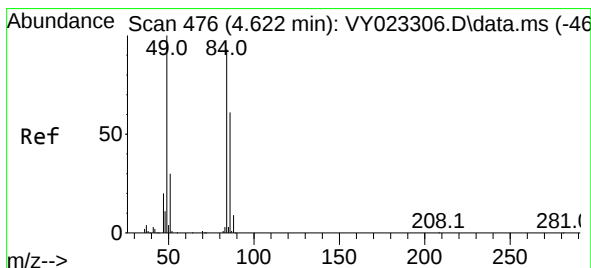
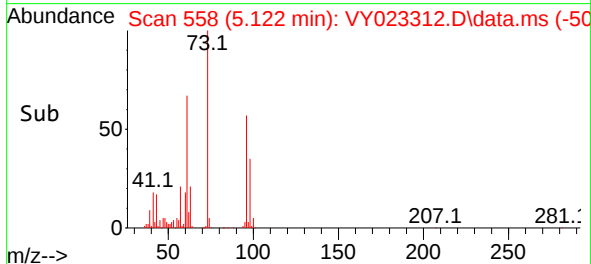
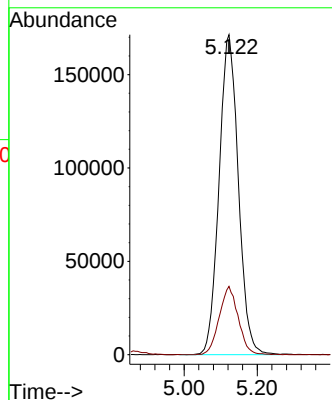
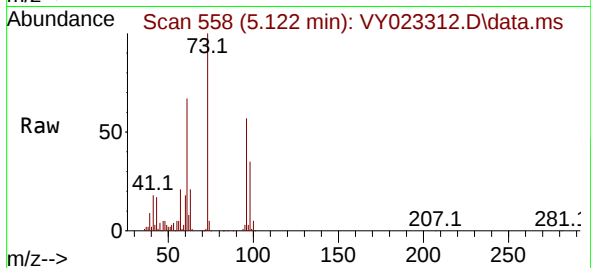
VSTDCCC050

Tgt Ion: 73 Resp: 628674

Ion Ratio Lower Upper

73 100

57 21.3 17.1 25.7



#20

Methylene Chloride

Concen: 47.114 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Tgt Ion: 84 Resp: 284494

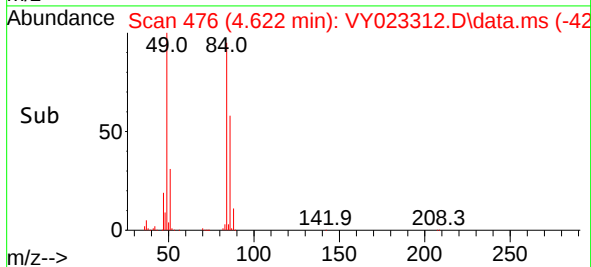
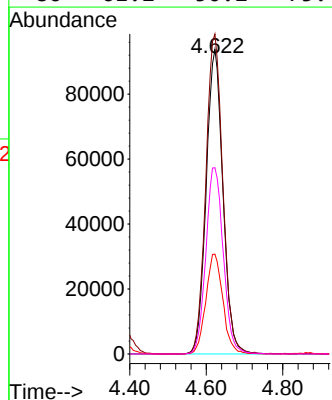
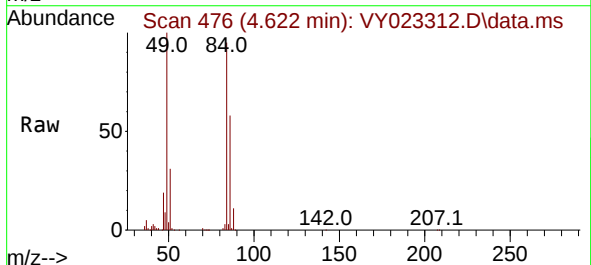
Ion Ratio Lower Upper

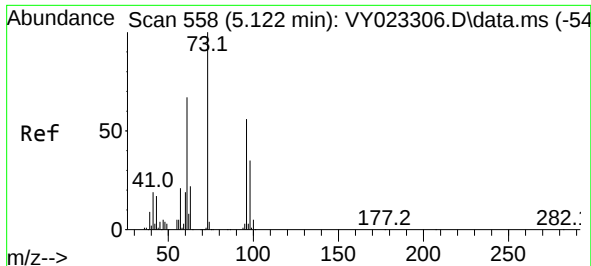
84 100

49 105.1 93.0 139.6

51 32.8 29.0 43.4

86 61.2 50.2 75.4

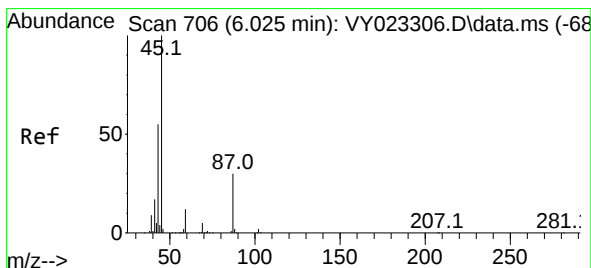
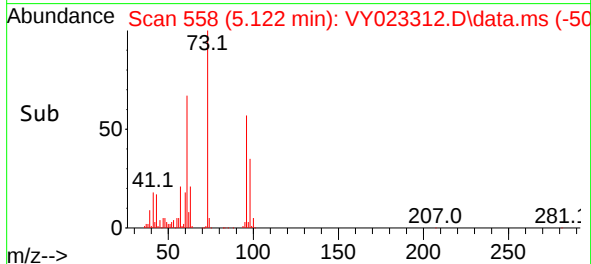
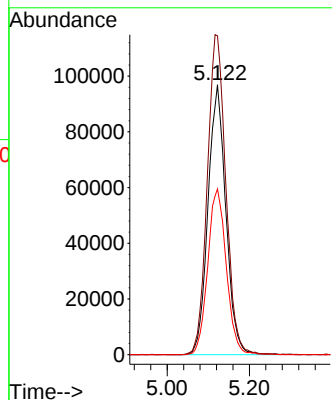
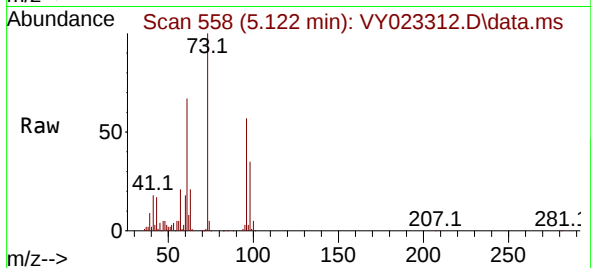




#21
trans-1,2-Dichloroethene
Concen: 49.193 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

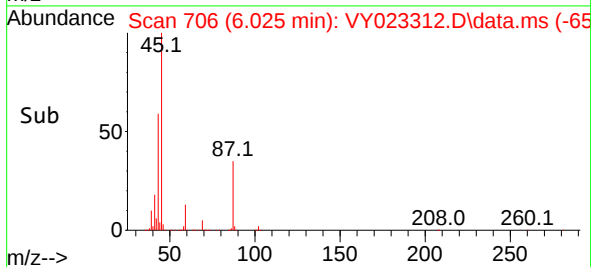
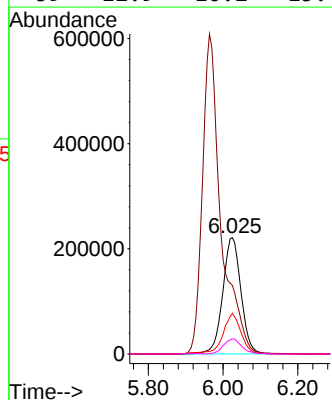
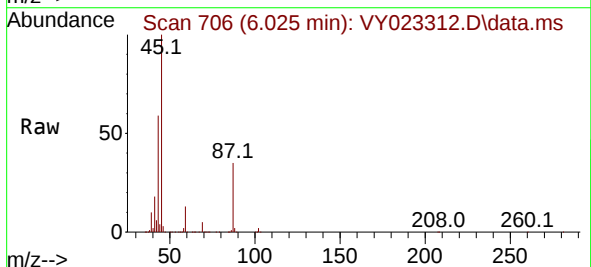
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

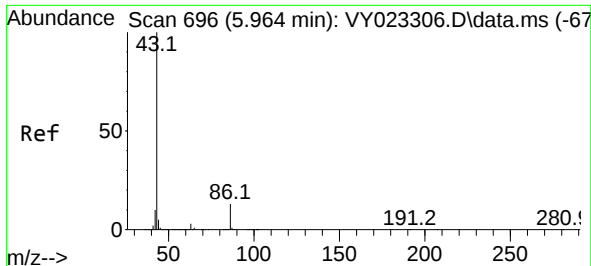
Tgt Ion: 96 Resp: 292692
Ion Ratio Lower Upper
96 100
61 118.2 104.8 157.2
98 61.4 50.1 75.1



#22
Diisopropyl ether
Concen: 50.029 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 45 Resp: 749498
Ion Ratio Lower Upper
45 100
43 59.0 43.4 65.0
87 34.9 24.4 36.6
59 12.9 10.2 15.4

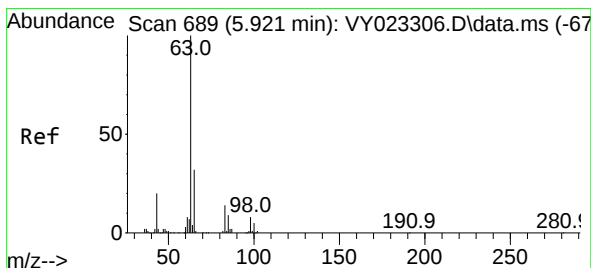
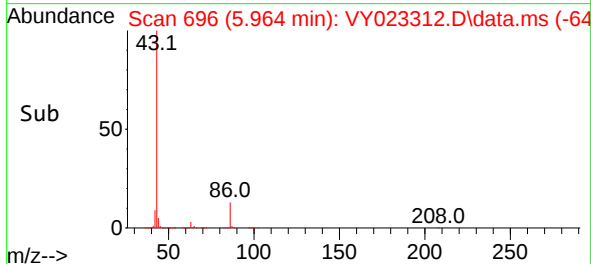
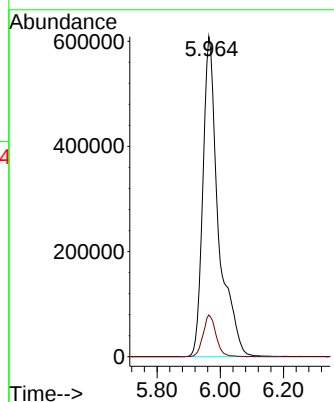
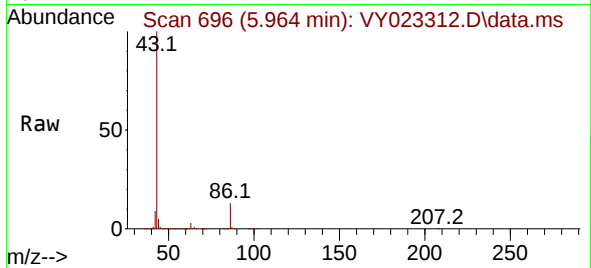




#23
 Vinyl Acetate
 Concen: 252.312 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023312.D
 Acq: 09 Sep 2025 08:48

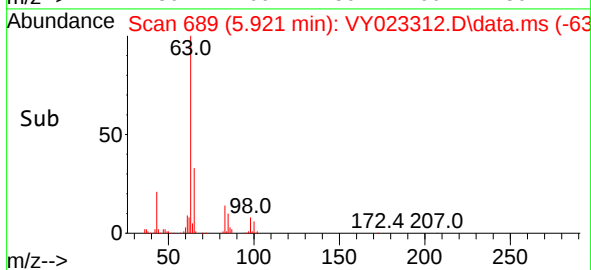
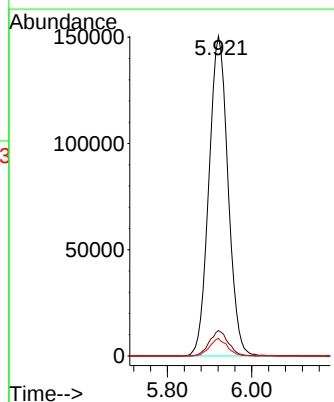
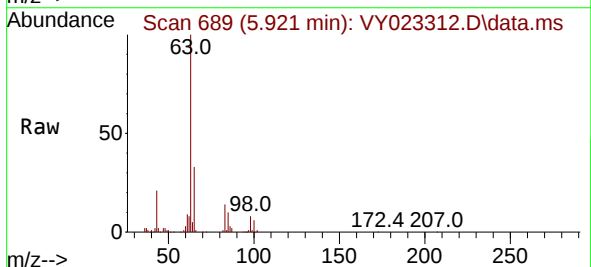
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

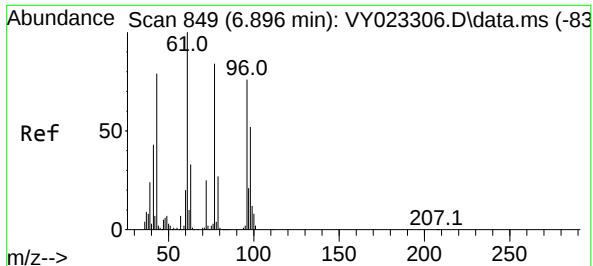
Tgt Ion: 43 Resp: 2089667
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 48.435 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023312.D
 Acq: 09 Sep 2025 08:48

Tgt Ion: 63 Resp: 474594
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 5.5 2.4 7.1





#25

2-Butanone

Concen: 263.556 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

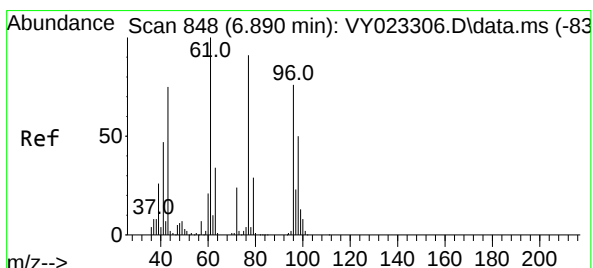
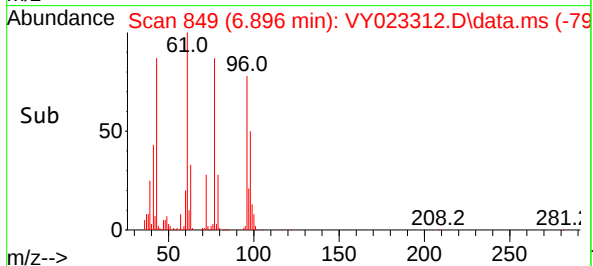
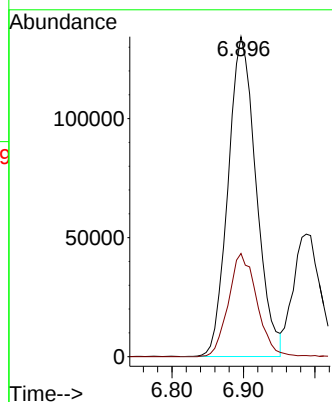
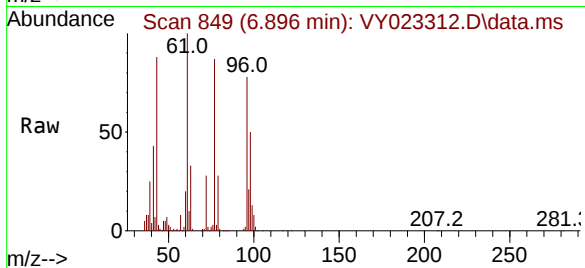
VSTDCCC050

Tgt Ion: 43 Resp: 366111

Ion Ratio Lower Upper

43 100

72 32.3 23.5 35.3



#26

2,2-Dichloropropane

Concen: 50.222 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023312.D

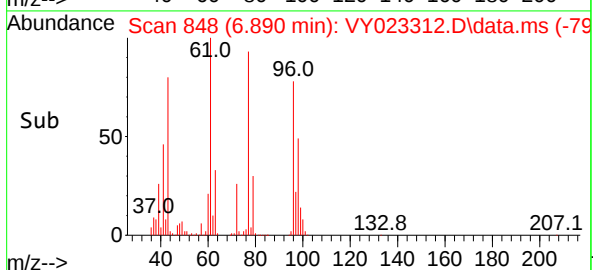
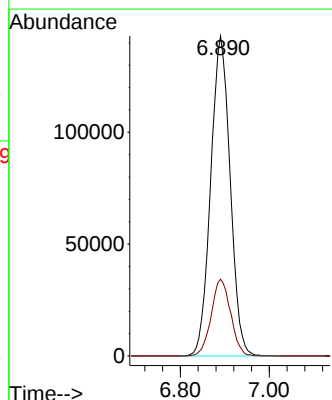
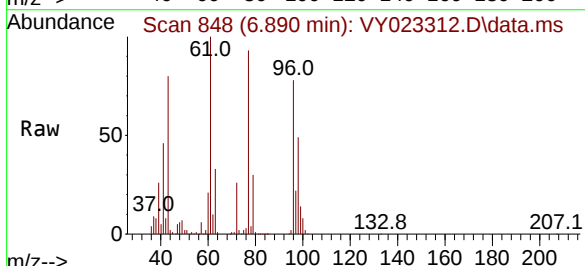
Acq: 09 Sep 2025 08:48

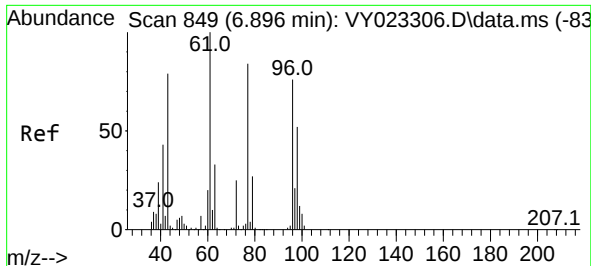
Tgt Ion: 77 Resp: 434513

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 49.814 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

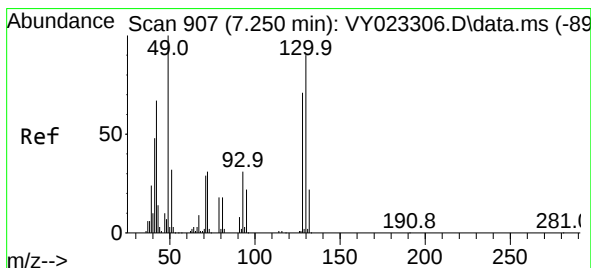
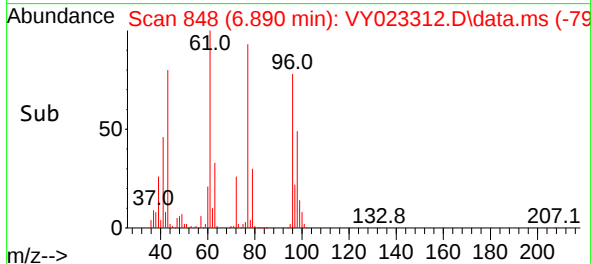
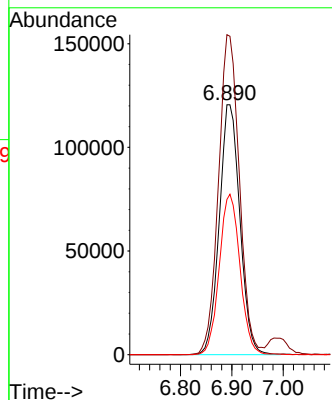
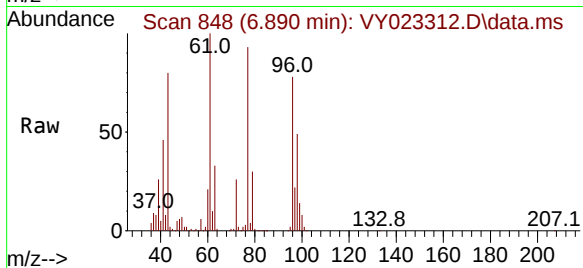
Tgt Ion: 96 Resp: 335632

Ion Ratio Lower Upper

96 100

61 130.1 0.0 278.6

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 46.123 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

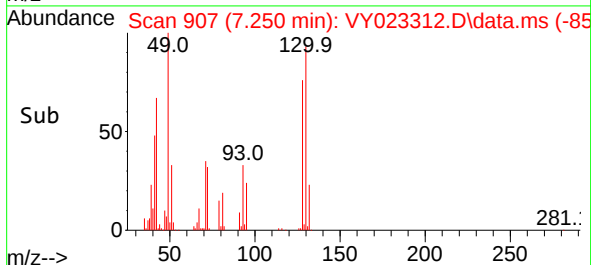
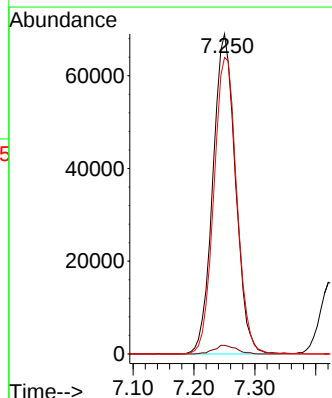
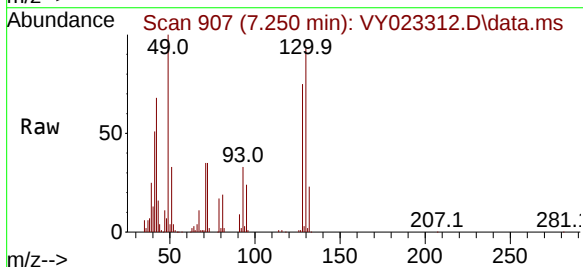
Tgt Ion: 49 Resp: 177834

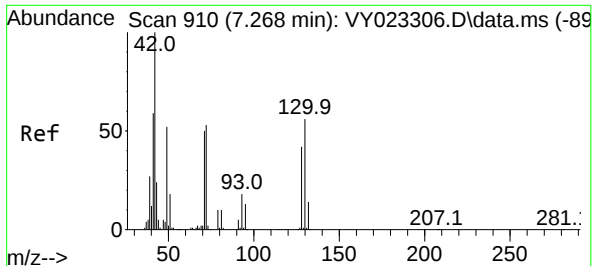
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 94.1 66.4 99.6





#29

Tetrahydrofuran

Concen: 245.751 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

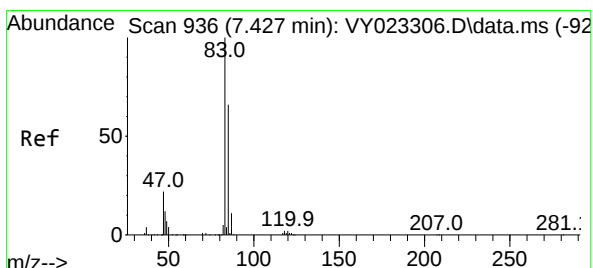
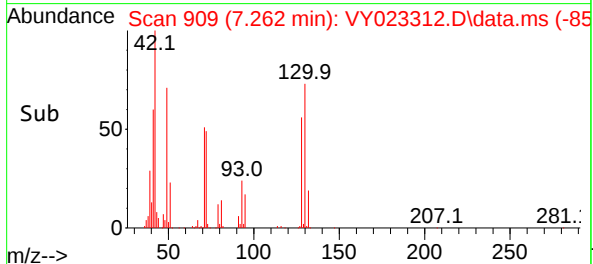
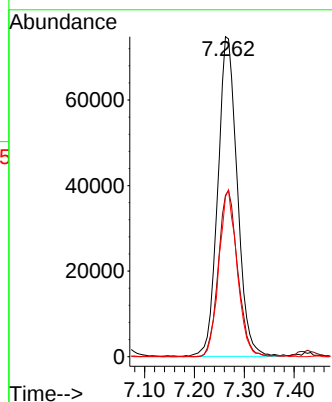
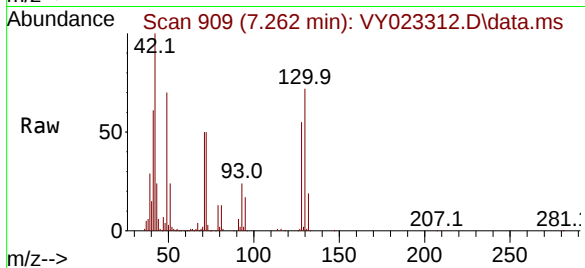
Tgt Ion: 42 Resp: 202486

Ion Ratio Lower Upper

42 100

72 51.8 39.4 59.2

71 49.2 36.5 54.7



#30

Chloroform

Concen: 48.333 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023312.D

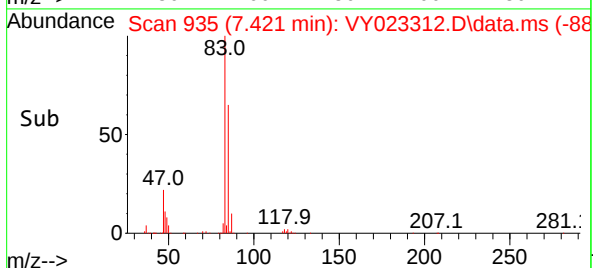
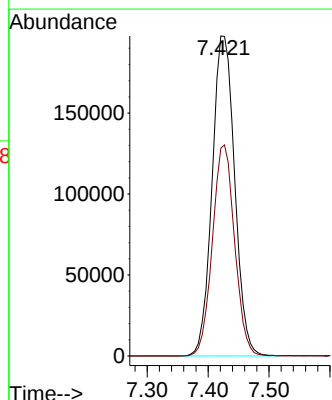
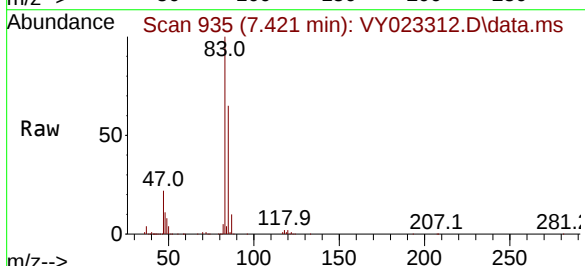
Acq: 09 Sep 2025 08:48

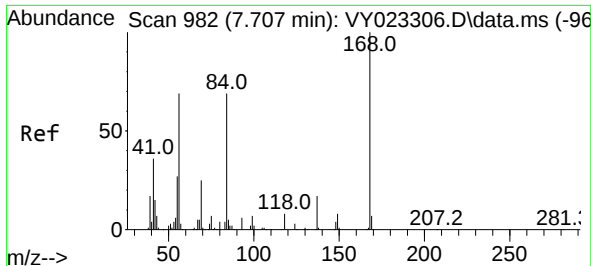
Tgt Ion: 83 Resp: 508871

Ion Ratio Lower Upper

83 100

85 65.0 53.8 80.8

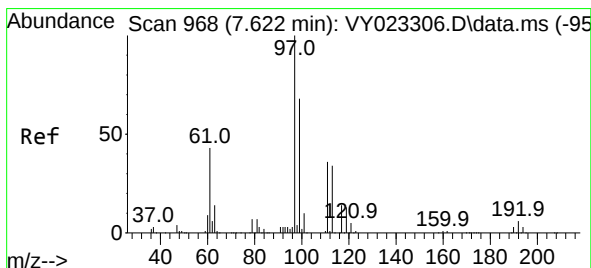
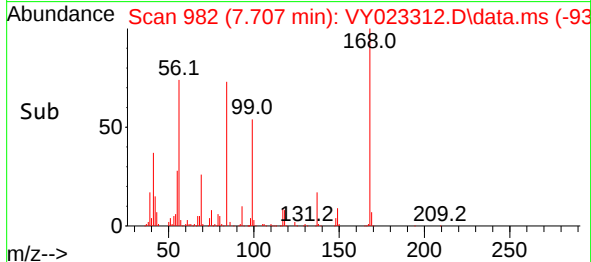
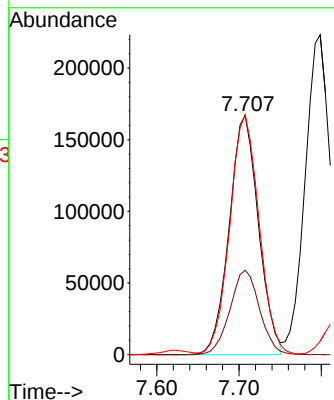
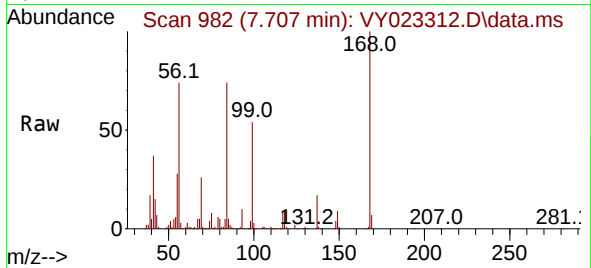




#31
Cyclohexane
Concen: 47.636 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

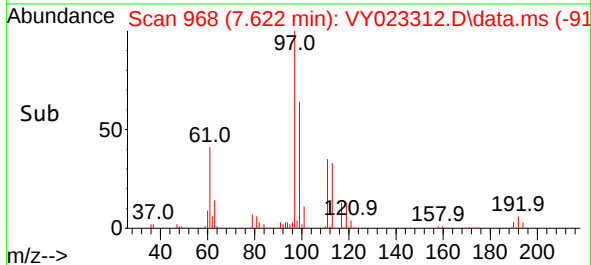
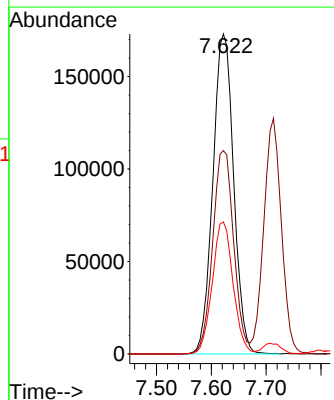
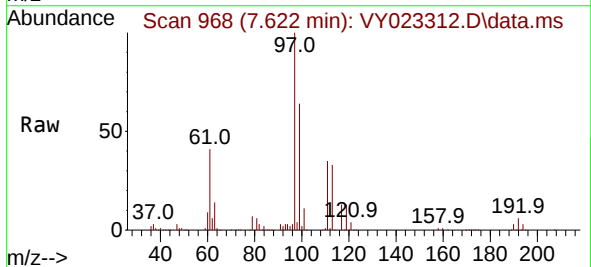
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

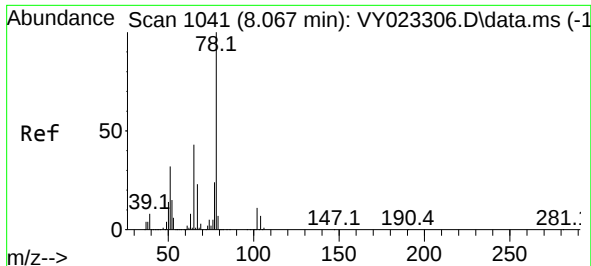
Tgt Ion: 56 Resp: 413049
Ion Ratio Lower Upper
56 100
69 35.3 28.2 42.2
84 98.8 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 48.417 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 97 Resp: 455431
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 41.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 46.385 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

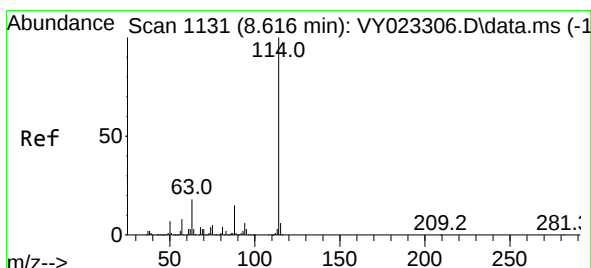
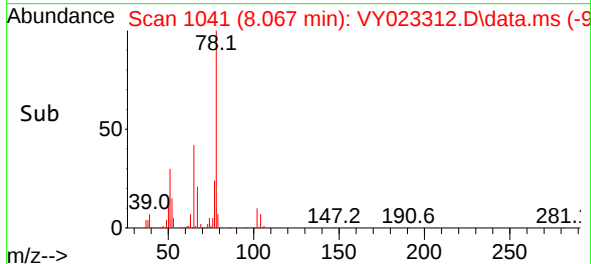
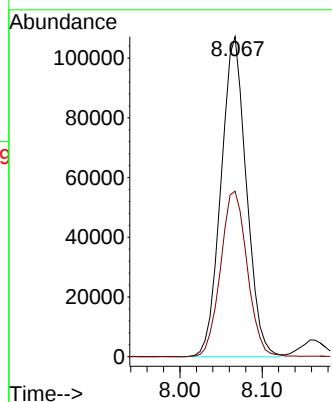
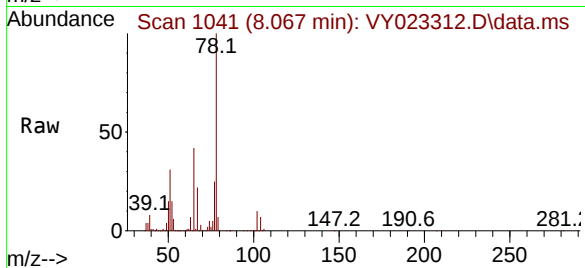
VSTDCCC050

Tgt Ion: 65 Resp: 229835

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.012 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

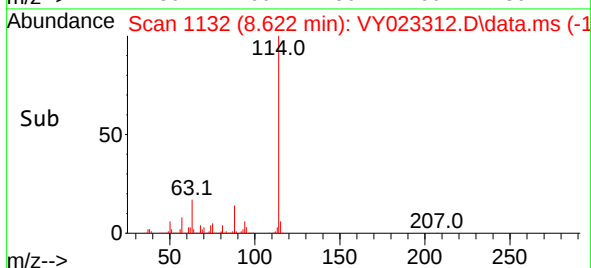
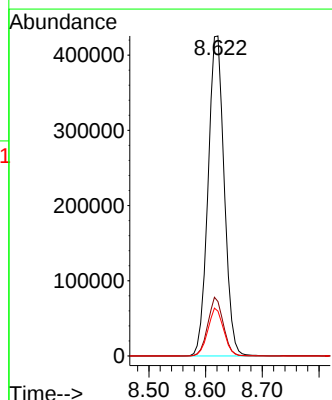
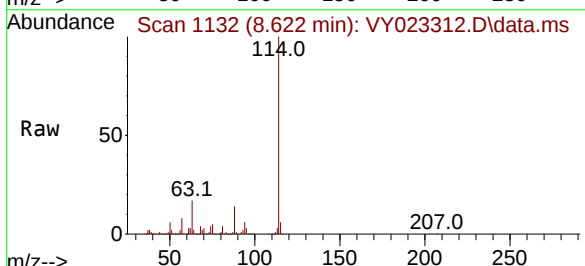
Tgt Ion: 114 Resp: 840425

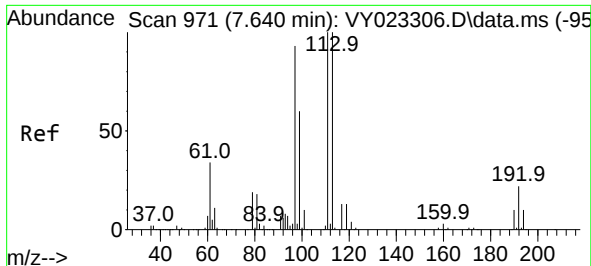
Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

88 14.0 0.0 30.0

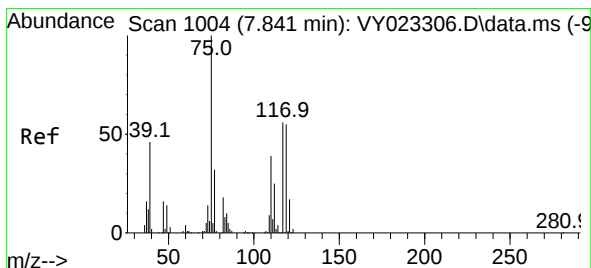
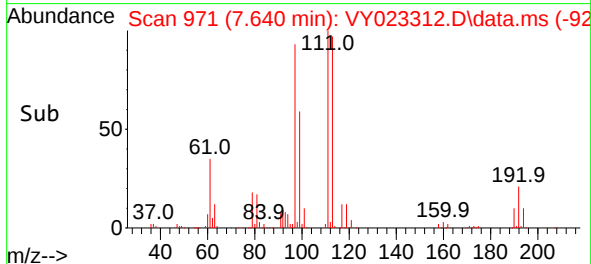
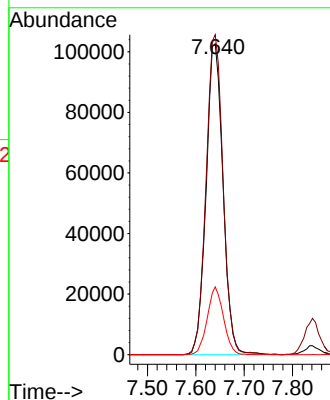
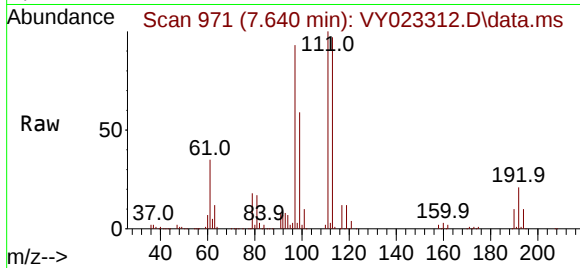




#35
Dibromofluoromethane
Concen: 48.528 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

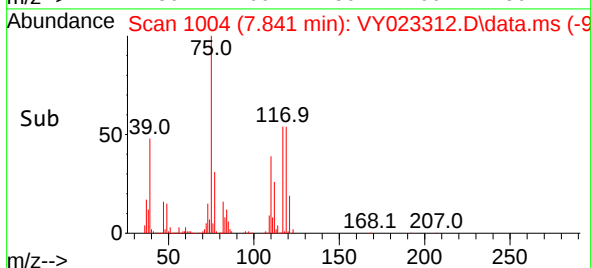
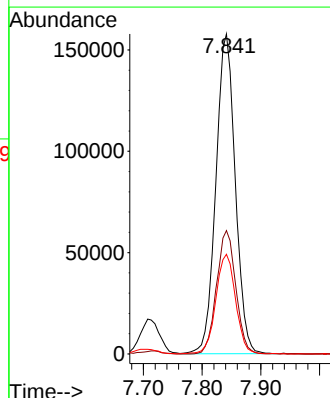
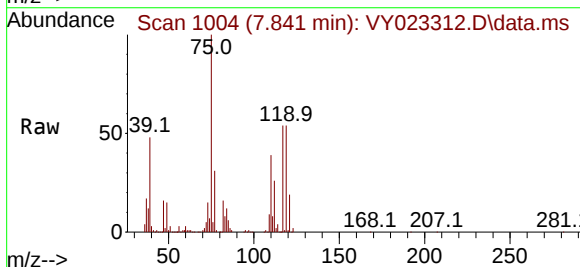
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

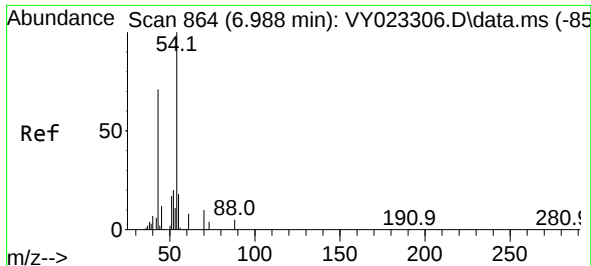
Tgt Ion:113 Resp: 249297
Ion Ratio Lower Upper
113 100
111 103.4 81.1 121.7
192 21.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 49.397 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 75 Resp: 361432
Ion Ratio Lower Upper
75 100
110 38.3 18.1 54.4
77 31.6 24.6 37.0

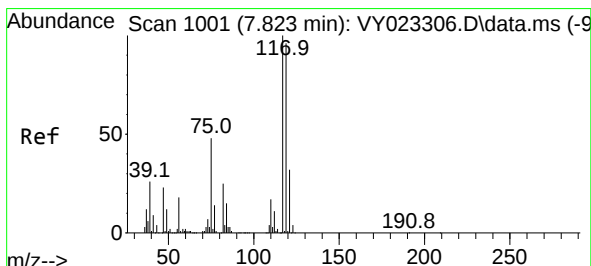
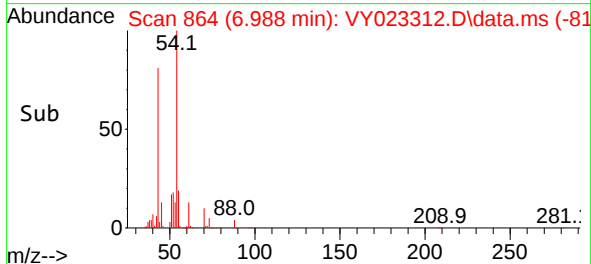
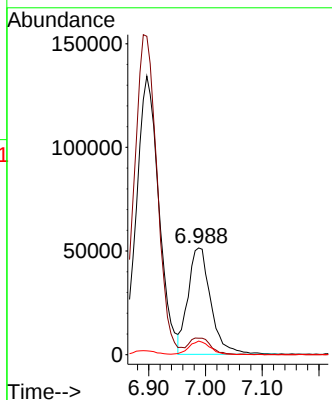
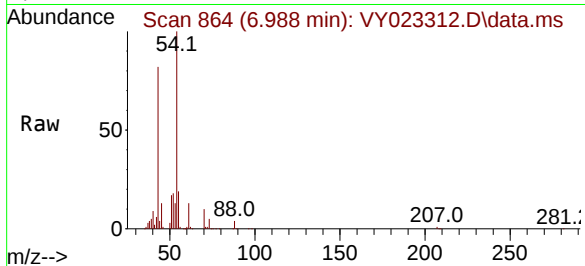




#37
Ethyl Acetate
Concen: 49.069 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

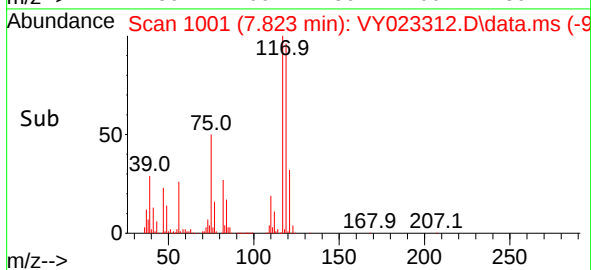
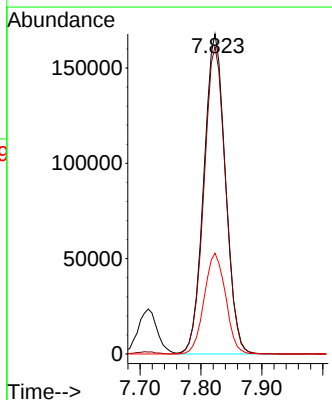
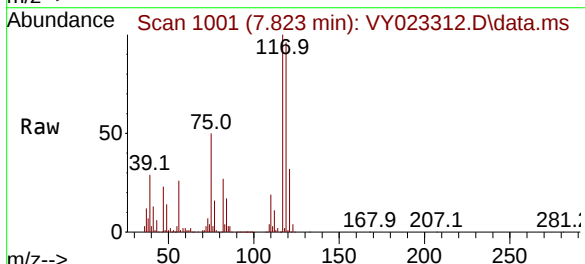
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

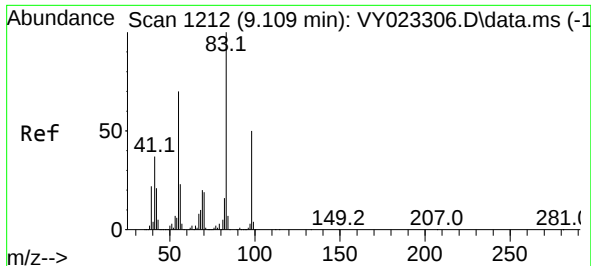
Tgt Ion: 43 Resp: 142822
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 12.0 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.114 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 117 Resp: 413501
Ion Ratio Lower Upper
117 100
119 96.0 75.6 113.4
121 31.5 25.8 38.8





#39

Methylcyclohexane

Concen: 52.257 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

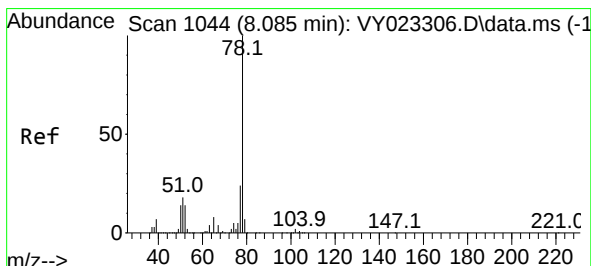
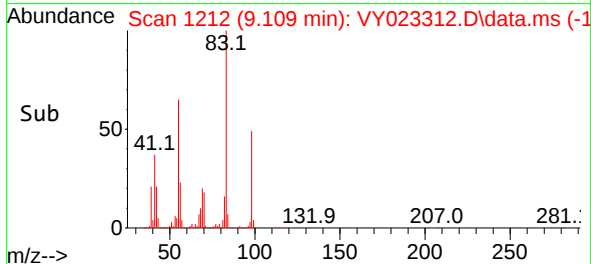
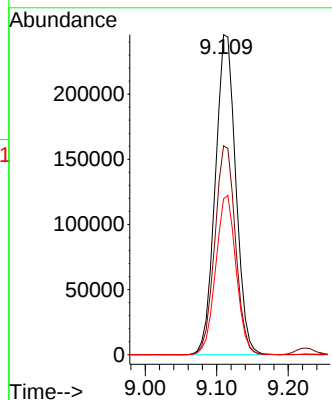
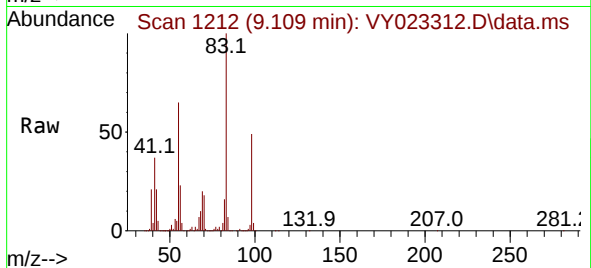
Tgt Ion: 83 Resp: 489150

Ion Ratio Lower Upper

83 100

55 65.3 57.6 86.4

98 48.7 39.2 58.8



#40

Benzene

Concen: 49.734 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023312.D

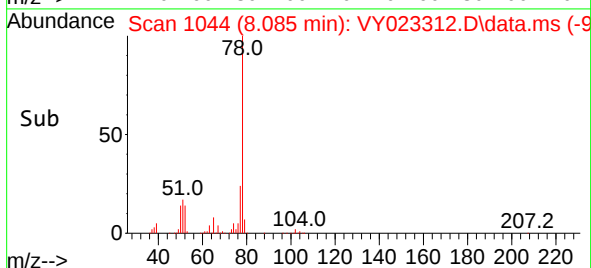
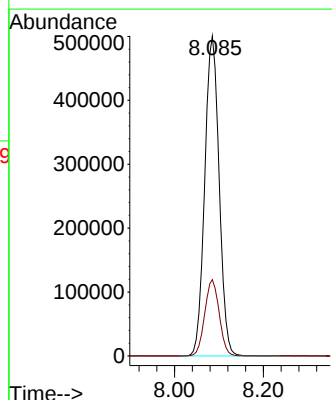
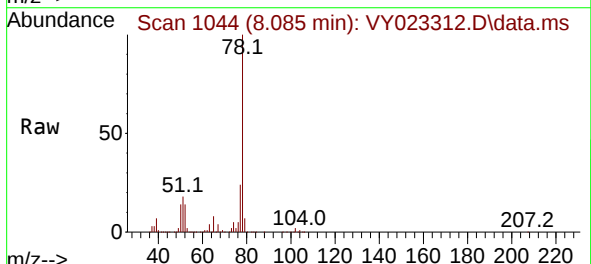
Acq: 09 Sep 2025 08:48

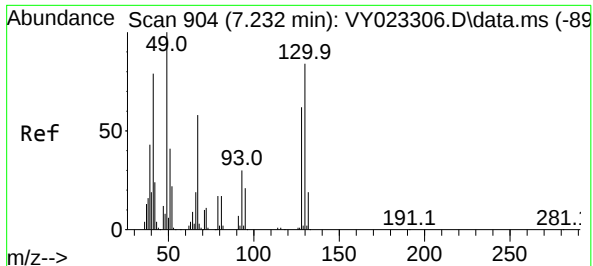
Tgt Ion: 78 Resp: 1131106

Ion Ratio Lower Upper

78 100

77 23.9 18.6 28.0



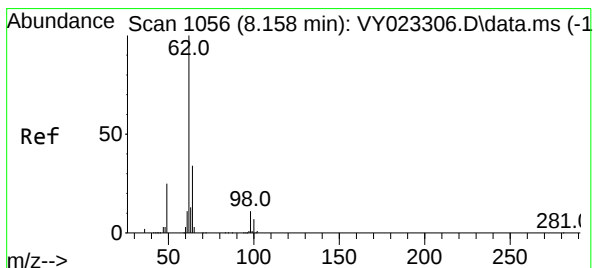
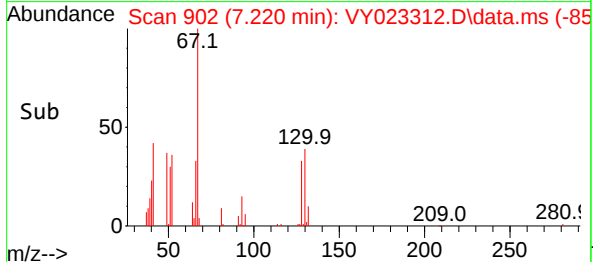
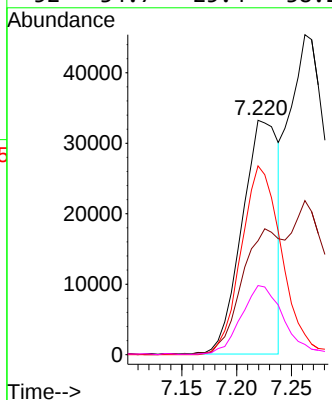
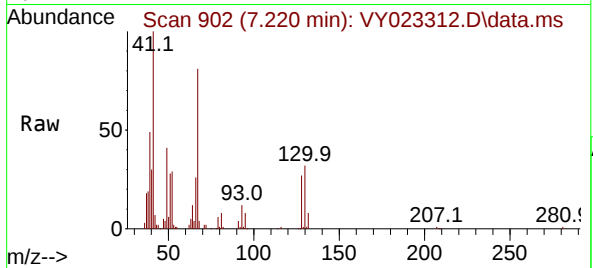


#41
Methacrylonitrile
Concen: 50.461 ug/l
RT: 7.220 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 76059

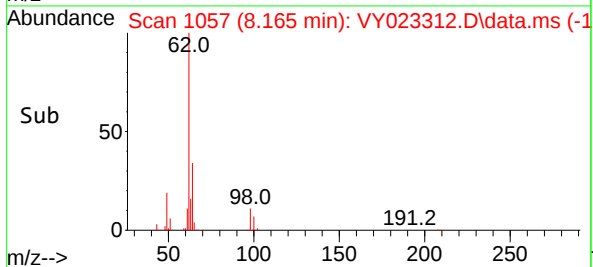
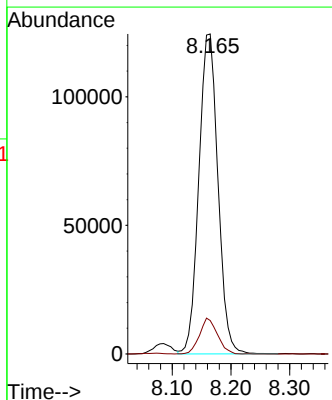
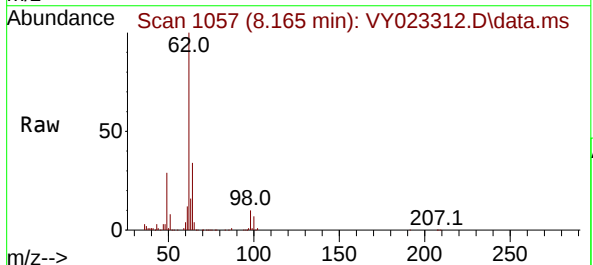
Ion	Ratio	Lower	Upper
41	100		
39	62.0	43.4	65.2
67	91.6	63.6	95.4
52	34.7	25.4	38.2

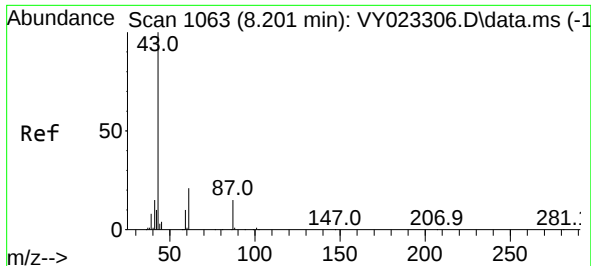


#42
1,2-Dichloroethane
Concen: 48.483 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 62 Resp: 280731

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6

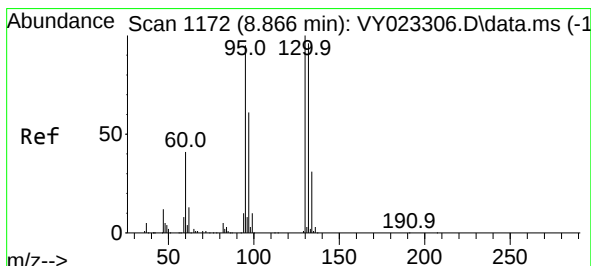
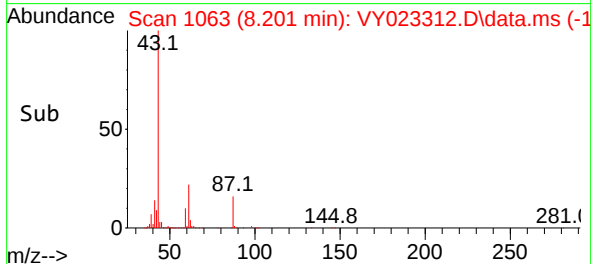
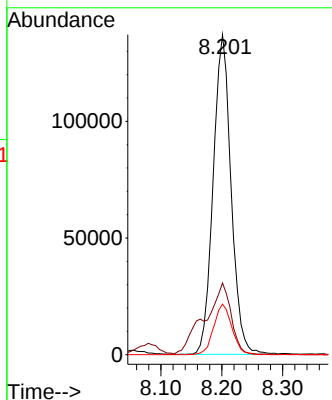
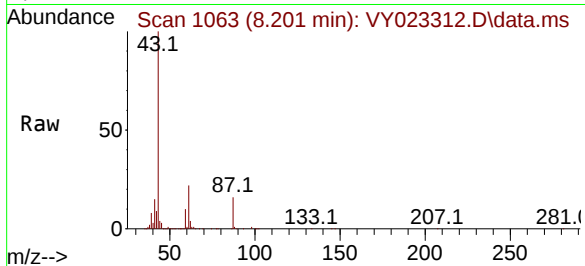




#43
Isopropyl Acetate
Concen: 49.555 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

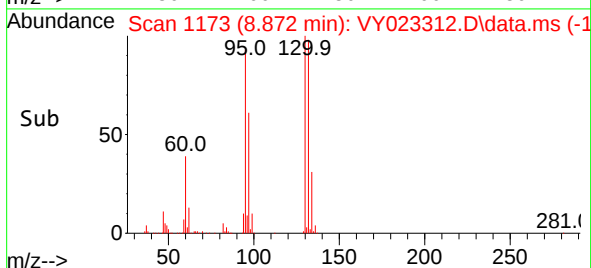
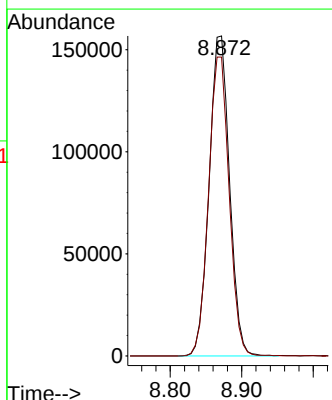
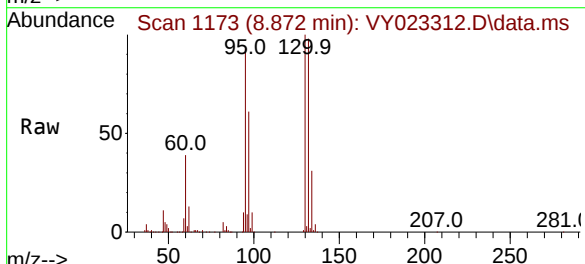
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

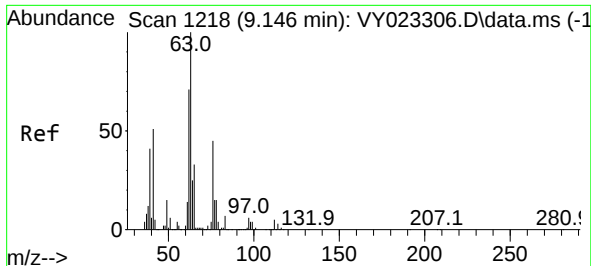
Tgt Ion: 43 Resp: 280536
Ion Ratio Lower Upper
43 100
61 33.0 16.4 24.6#
87 16.0 11.8 17.6



#44
Trichloroethene
Concen: 49.078 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion:130 Resp: 310894
Ion Ratio Lower Upper
130 100
95 93.4 0.0 190.2





#45

1,2-Dichloropropane

Concen: 49.251 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

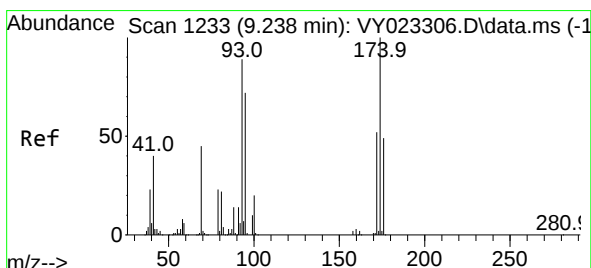
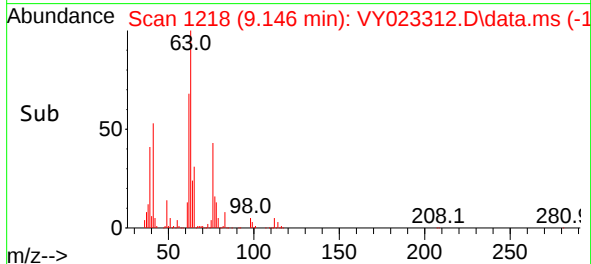
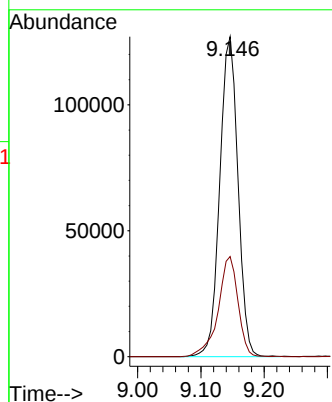
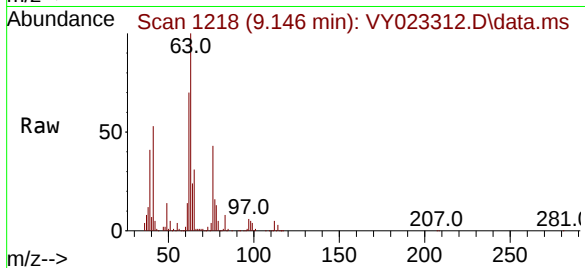
VSTDCCC050

Tgt Ion: 63 Resp: 252970

Ion Ratio Lower Upper

63 100

65 31.3 25.3 37.9



#46

Dibromomethane

Concen: 48.648 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

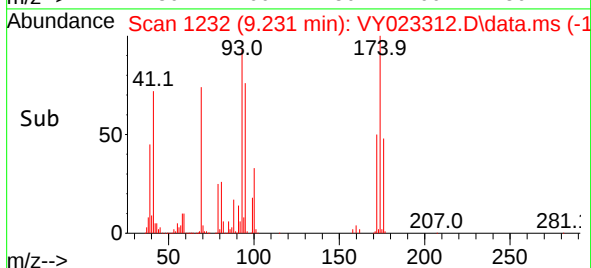
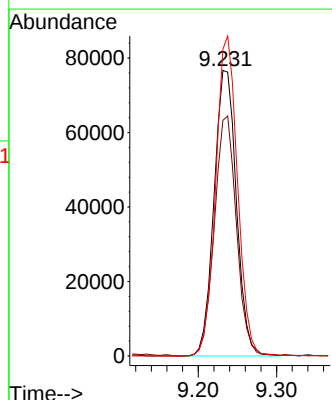
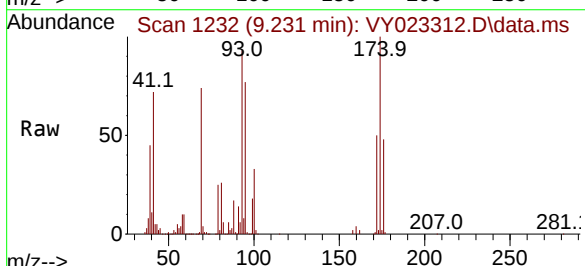
Tgt Ion: 93 Resp: 152169

Ion Ratio Lower Upper

93 100

95 82.9 66.5 99.7

174 109.2 81.8 122.8

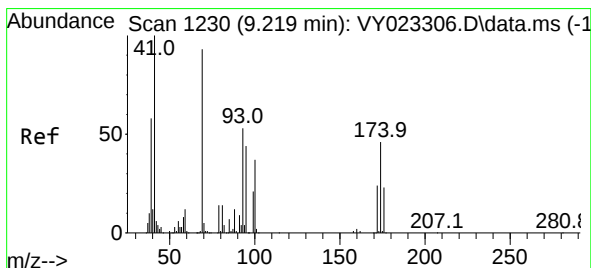
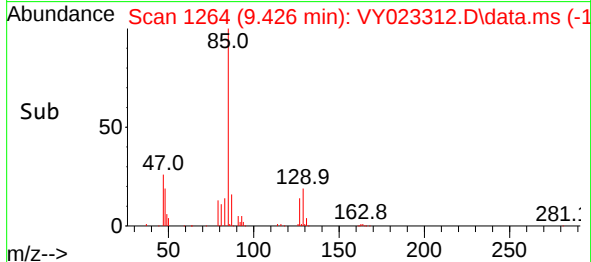
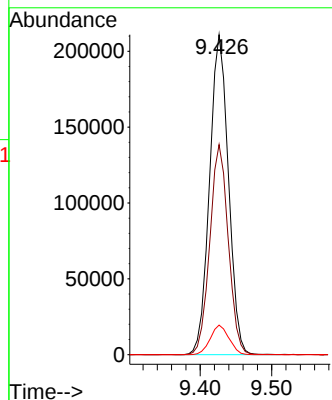
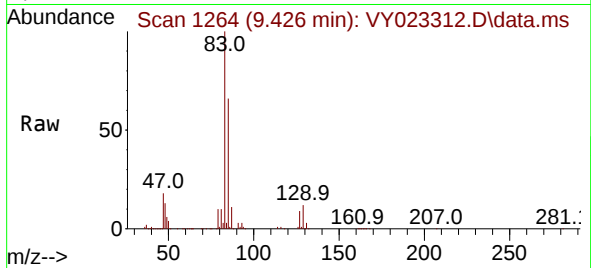




#47
Bromodichloromethane
Concen: 49.032 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

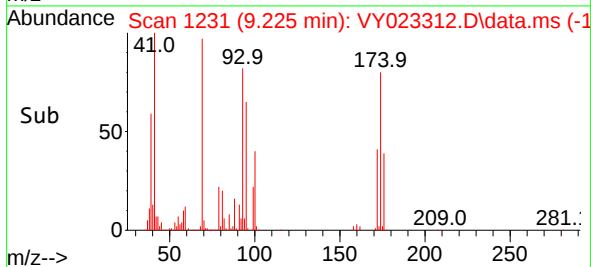
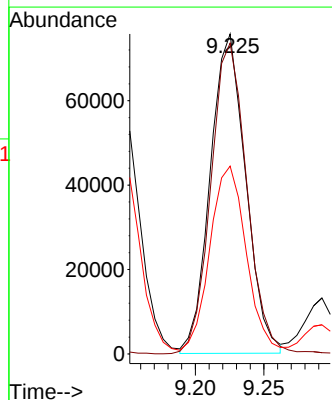
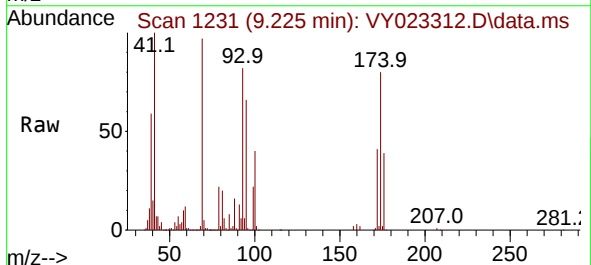
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

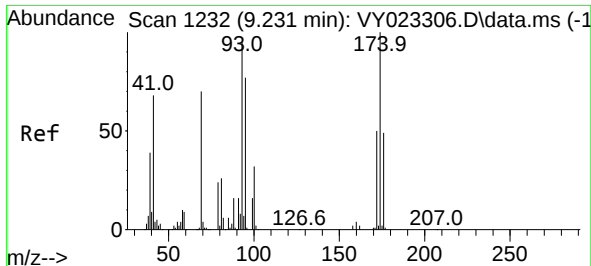
Tgt Ion: 83 Resp: 385843
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.4
127 9.3 6.6 10.0



#48
Methyl methacrylate
Concen: 51.634 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 41 Resp: 136245
Ion Ratio Lower Upper
41 100
69 98.6 73.2 109.8
39 58.3 47.0 70.4





#49

1,4-Dioxane

Concen: 985.160 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

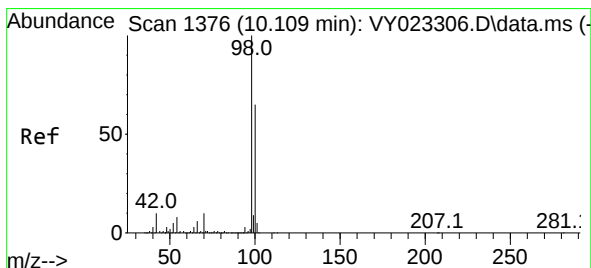
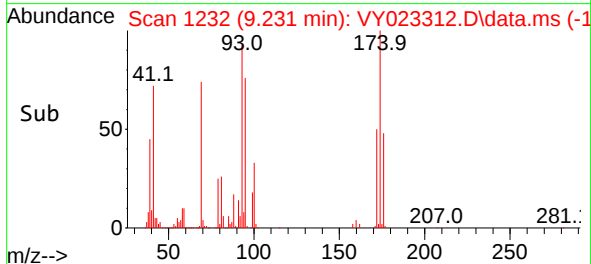
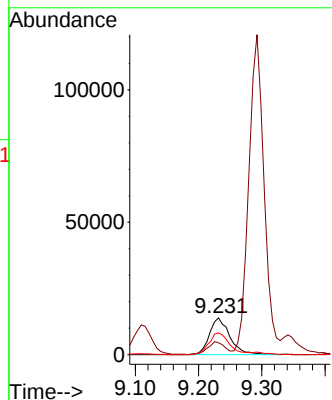
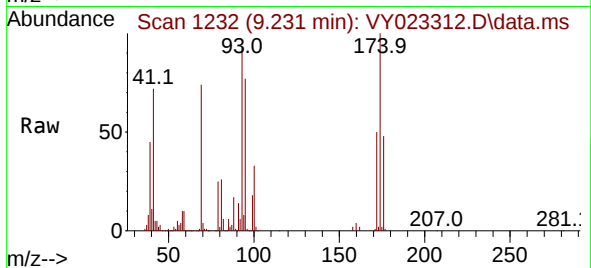
Tgt Ion: 88 Resp: 31281

Ion Ratio Lower Upper

88 100

43 28.4 24.3 36.5

58 59.1 55.4 83.0



#50

Toluene-d8

Concen: 49.426 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023312.D

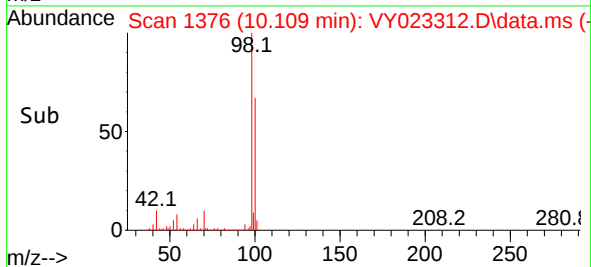
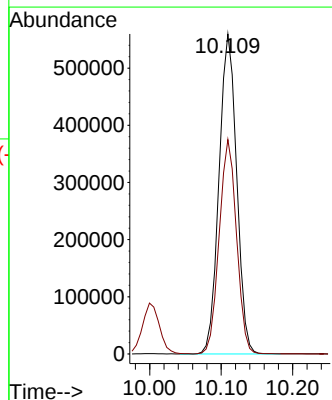
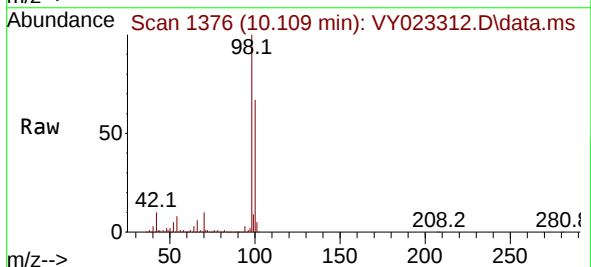
Acq: 09 Sep 2025 08:48

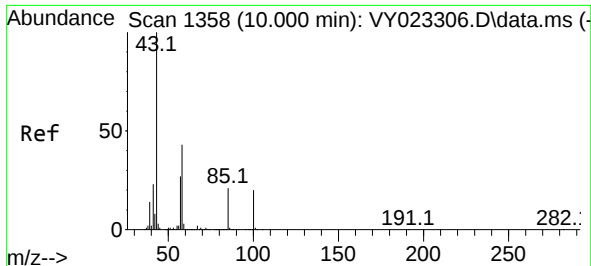
Tgt Ion: 98 Resp: 958789

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

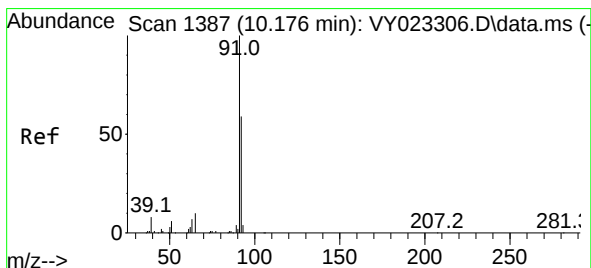
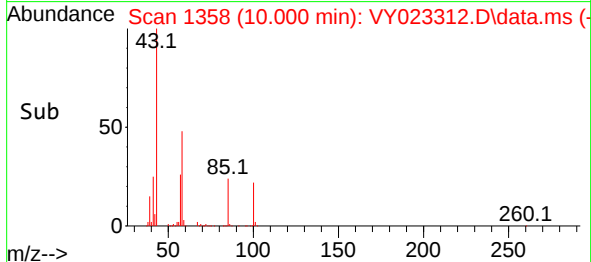
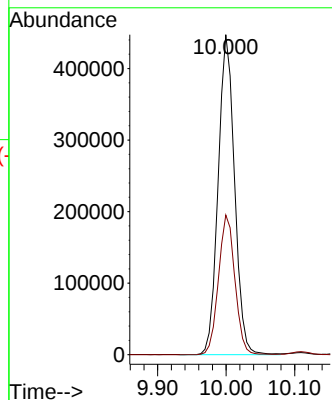
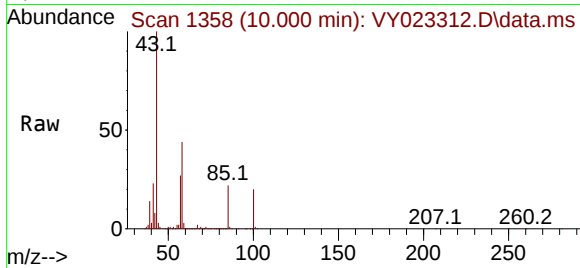




#51
4-Methyl-2-Pentanone
Concen: 255.278 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

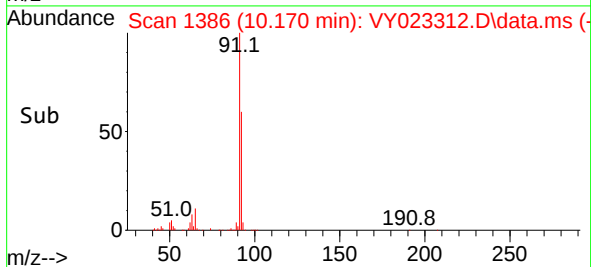
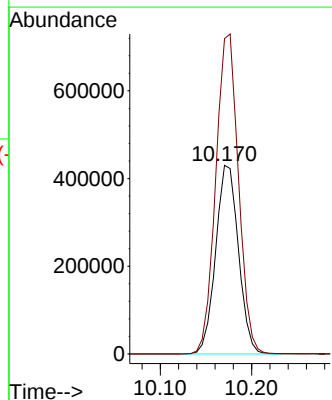
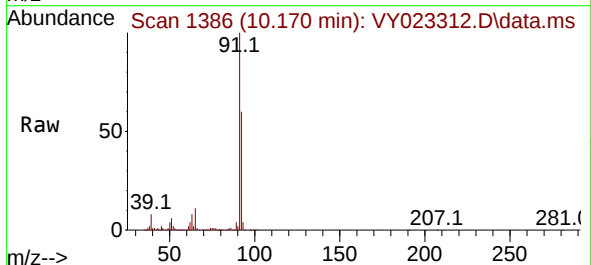
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

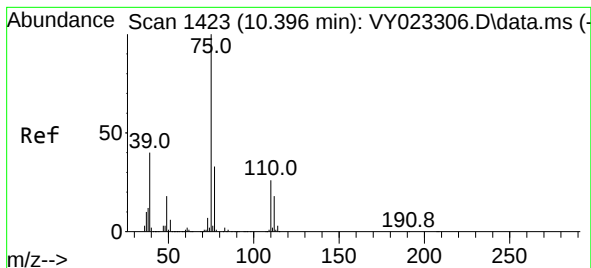
Tgt Ion: 43 Resp: 739345
Ion Ratio Lower Upper
43 100
58 43.8 33.5 50.3



#52
Toluene
Concen: 51.547 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 92 Resp: 743960
Ion Ratio Lower Upper
92 100
91 169.6 136.4 204.6

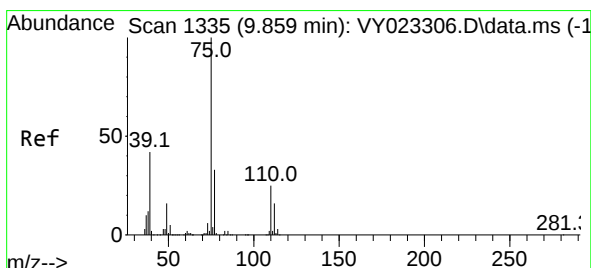
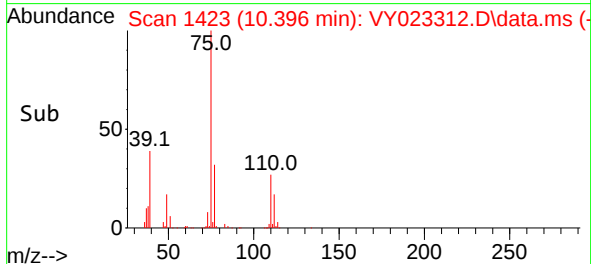
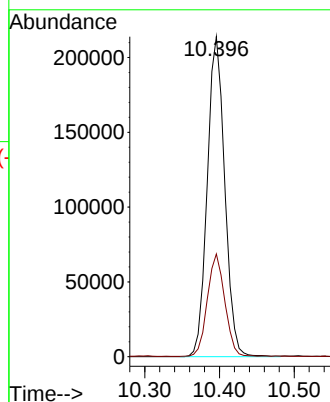
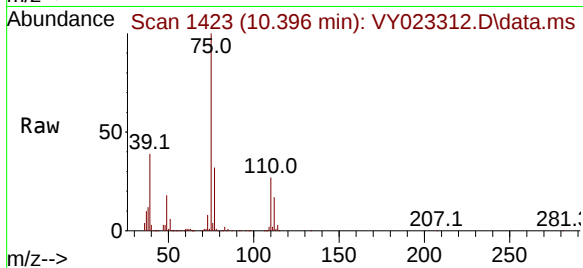




#53
t-1,3-Dichloropropene
Concen: 51.233 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

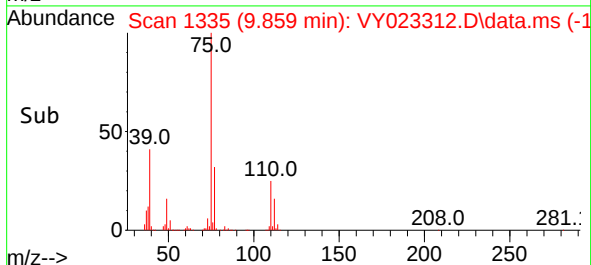
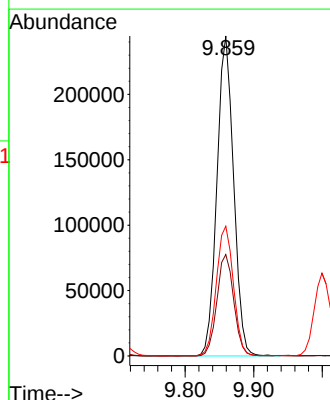
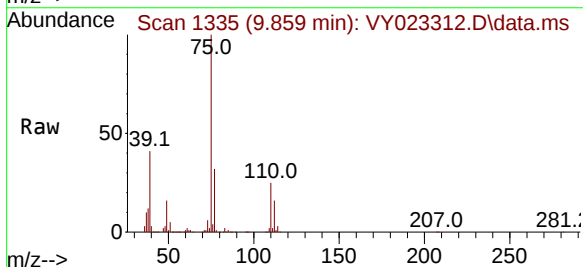
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

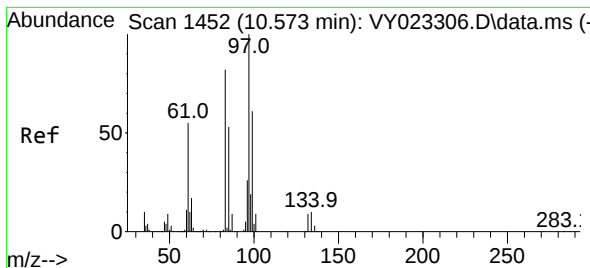
Tgt Ion: 75 Resp: 347111
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 50.883 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 75 Resp: 411929
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 40.5 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 49.509 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 206001

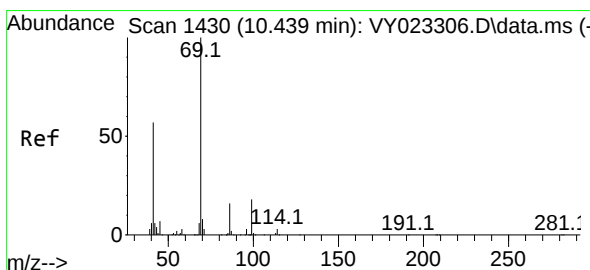
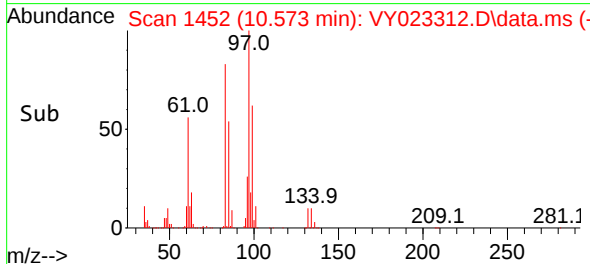
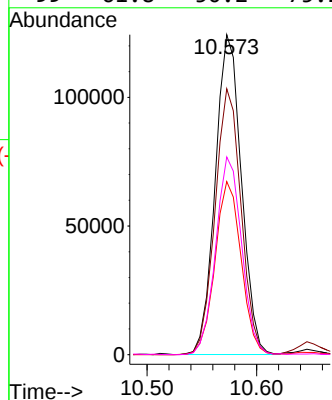
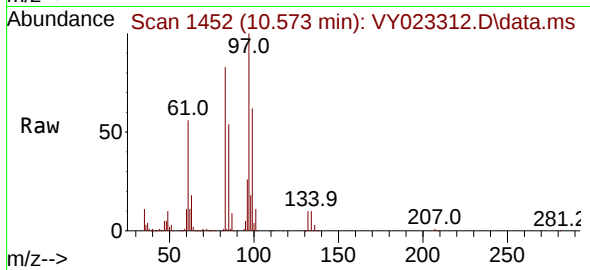
Ion Ratio Lower Upper

97 100

83 83.1 67.7 101.5

85 54.0 44.5 66.7

99 61.8 50.2 75.2



#56

Ethyl methacrylate

Concen: 52.679 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

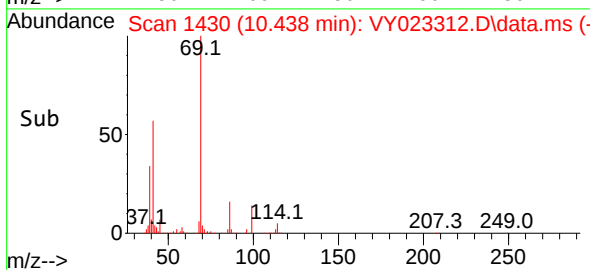
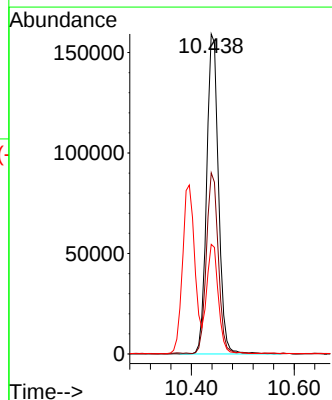
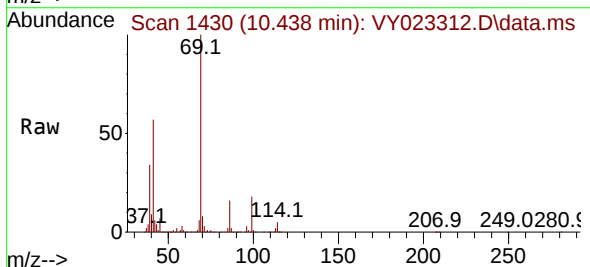
Tgt Ion: 69 Resp: 253944

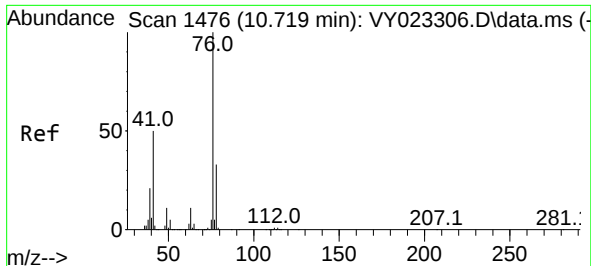
Ion Ratio Lower Upper

69 100

41 56.7 48.6 72.8

39 33.1 27.0 40.4





#57

1,3-Dichloropropane

Concen: 49.584 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

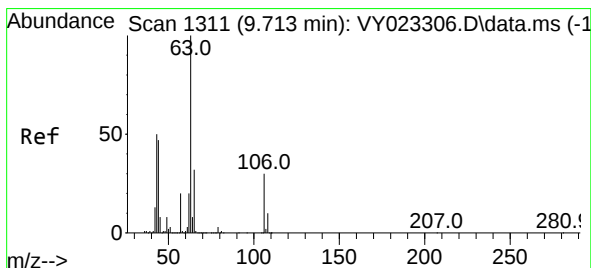
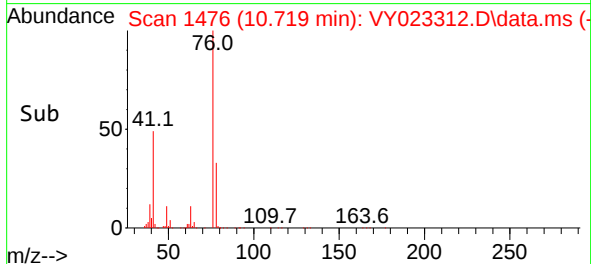
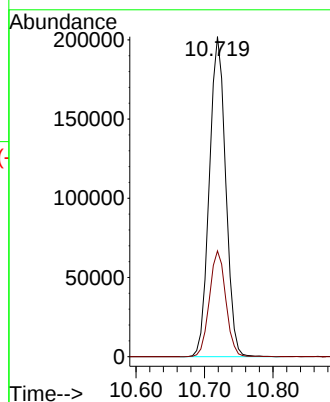
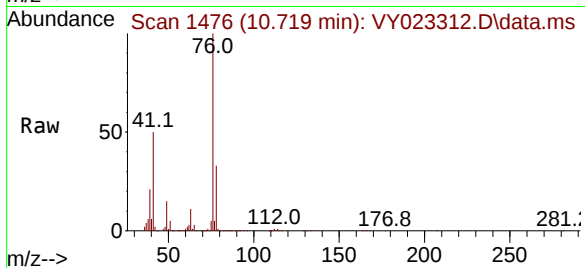
VSTDCCC050

Tgt Ion: 76 Resp: 334933

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 265.516 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023312.D

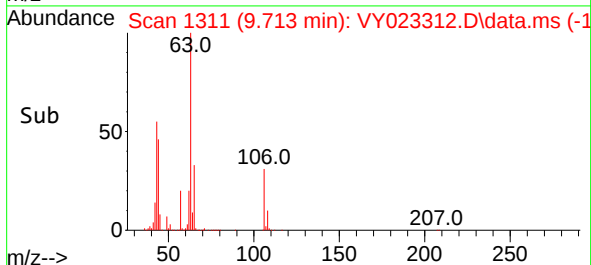
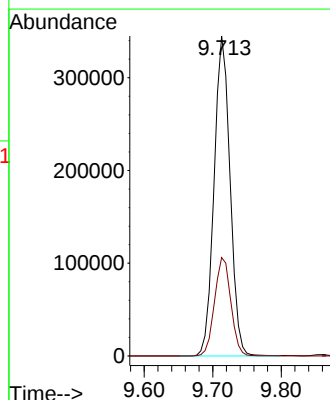
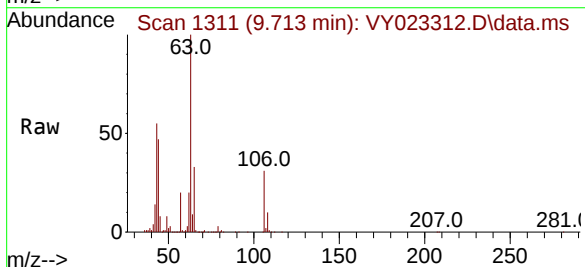
Acq: 09 Sep 2025 08:48

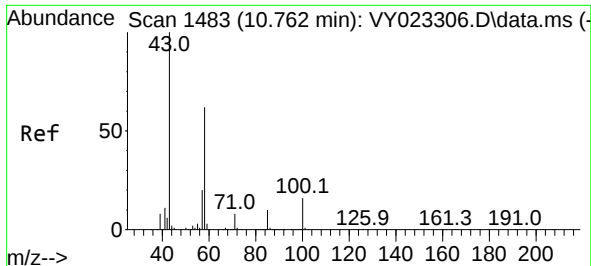
Tgt Ion: 63 Resp: 557857

Ion Ratio Lower Upper

63 100

106 31.4 23.2 34.8





#59

2-Hexanone

Concen: 271.035 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

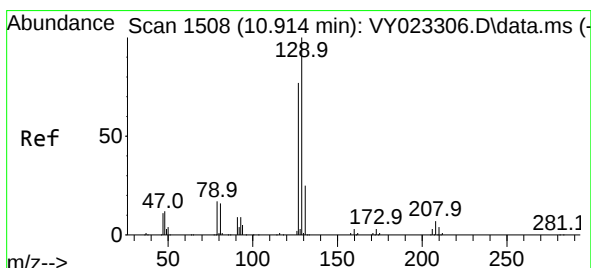
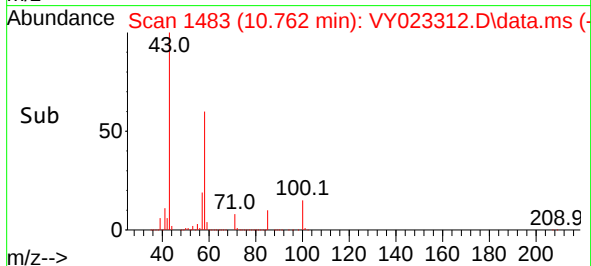
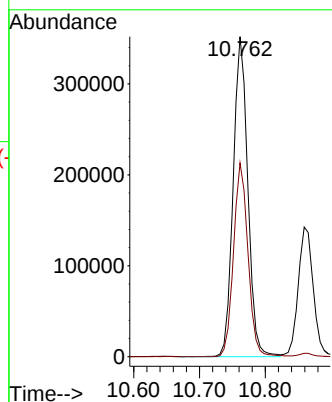
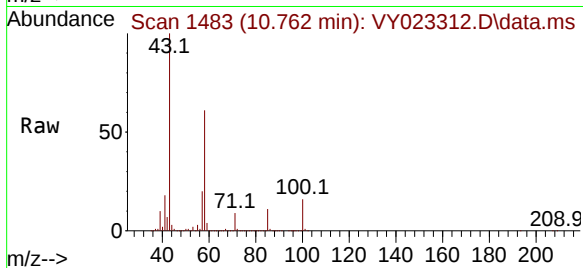
VSTDCCC050

Tgt Ion: 43 Resp: 542658

Ion Ratio Lower Upper

43 100

58 60.1 29.5 88.5



#60

Dibromochloromethane

Concen: 49.880 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY023312.D

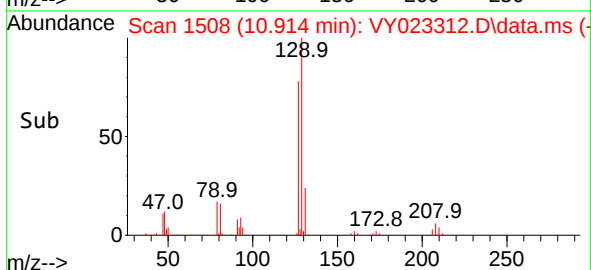
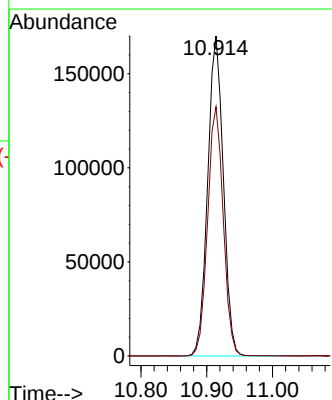
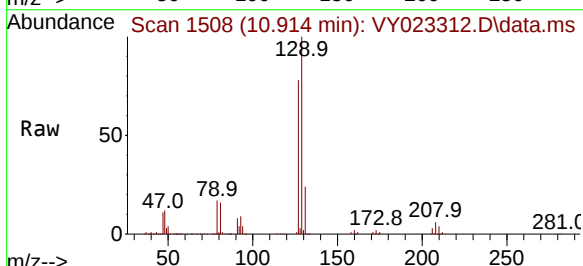
Acq: 09 Sep 2025 08:48

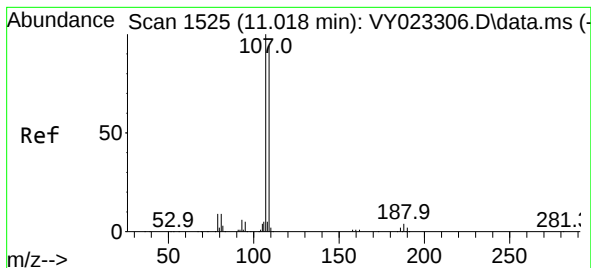
Tgt Ion: 129 Resp: 281599

Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.5

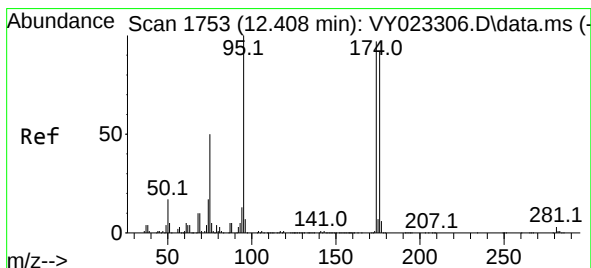
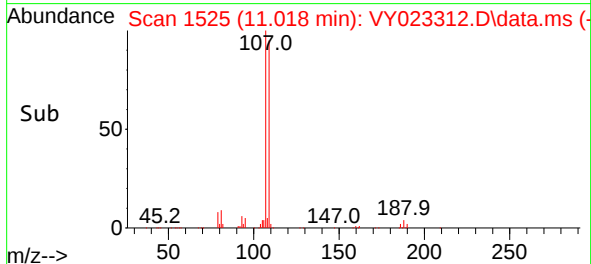
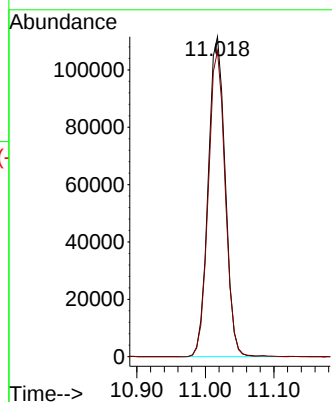
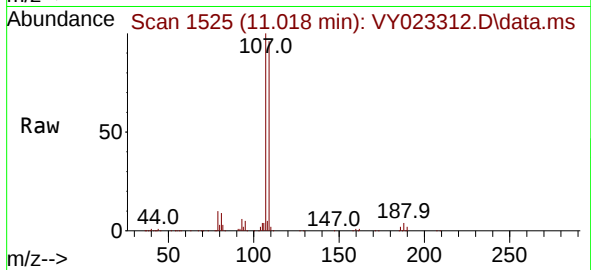




#61
1,2-Dibromoethane
Concen: 49.439 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

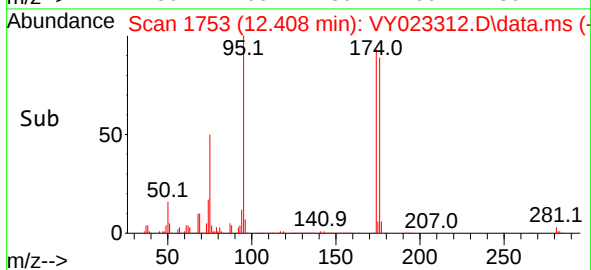
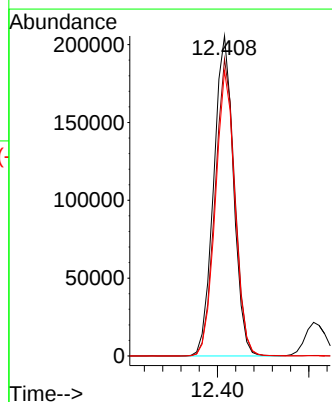
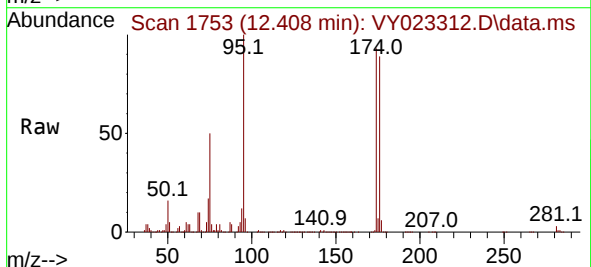
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

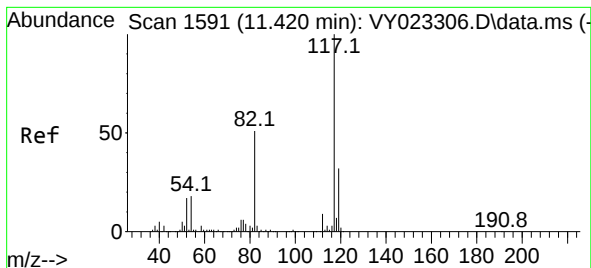
Tgt Ion:107 Resp: 192761
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.710 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 95 Resp: 309568
Ion Ratio Lower Upper
95 100
174 92.9 0.0 171.6
176 88.0 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: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

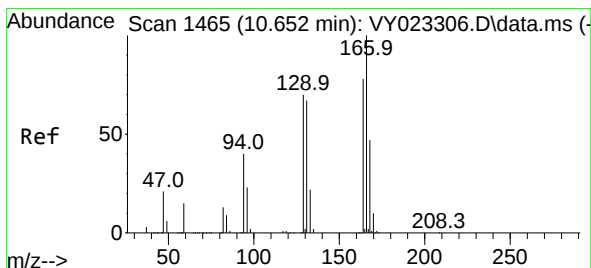
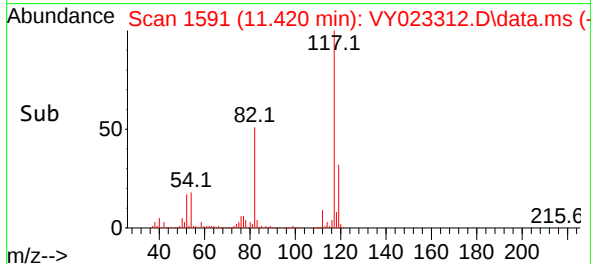
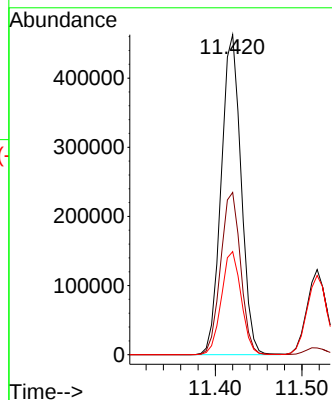
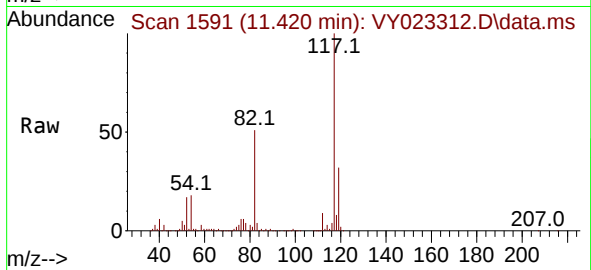
Tgt Ion:117 Resp: 736650

Ion Ratio Lower Upper

117 100

82 50.7 43.4 65.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 47.979 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.012 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Tgt Ion:164 Resp: 352257

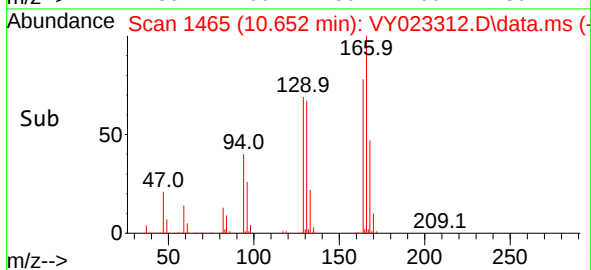
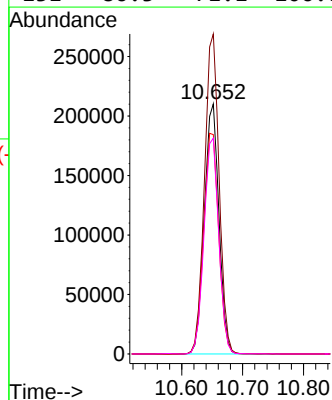
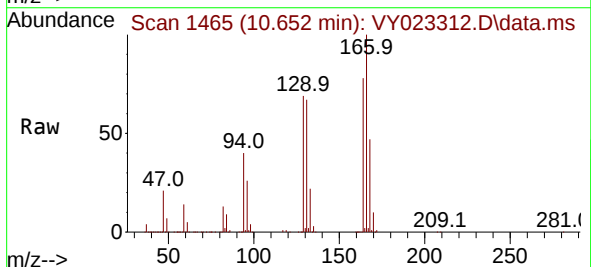
Ion Ratio Lower Upper

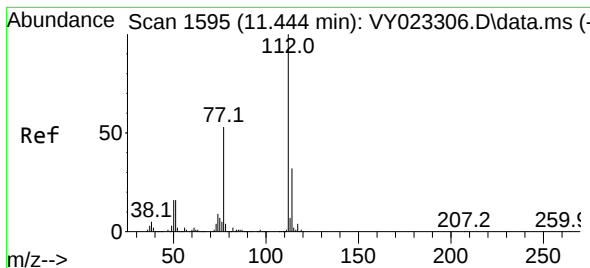
164 100

166 127.9 101.1 151.7

129 87.7 74.0 111.0

131 86.3 71.1 106.7

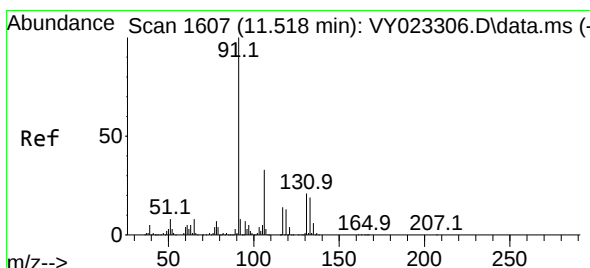
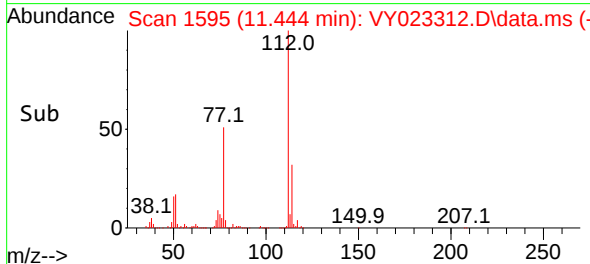
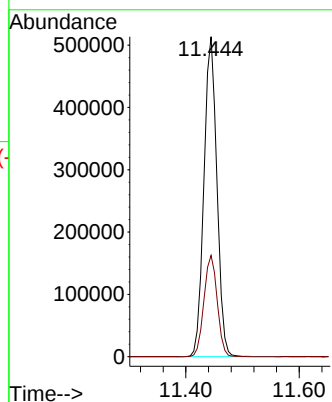
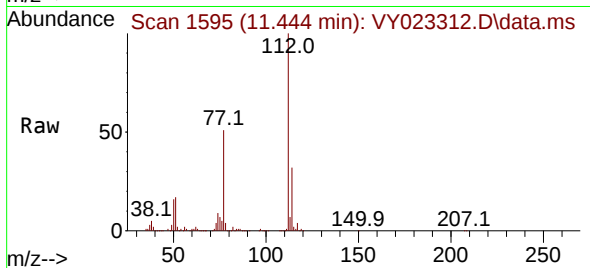




#65
Chlorobenzene
Concen: 50.398 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

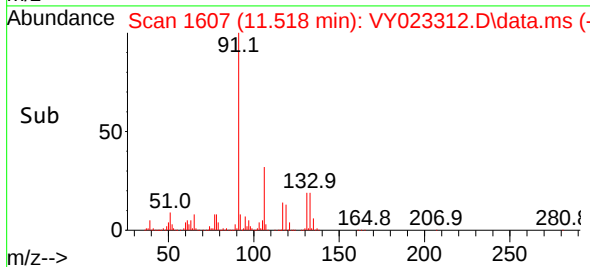
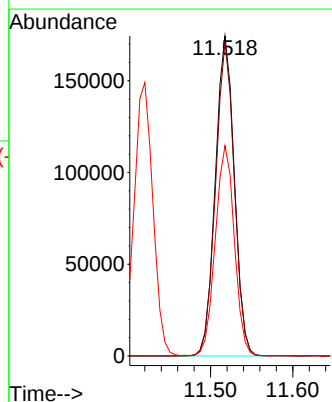
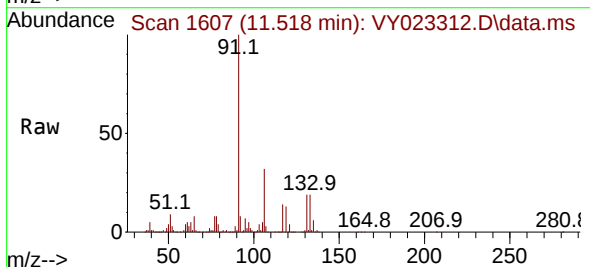
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

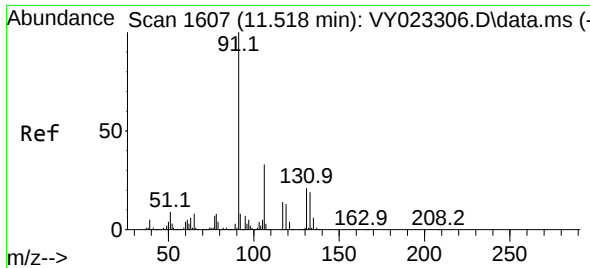
Tgt Ion:112 Resp: 813325
Ion Ratio Lower Upper
112 100
114 31.6 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.365 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion:131 Resp: 279626
Ion Ratio Lower Upper
131 100
133 96.7 46.9 140.6
119 66.0 33.2 99.6

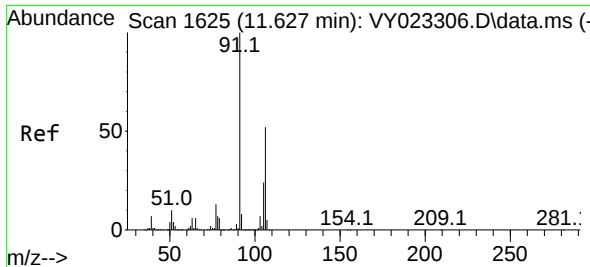
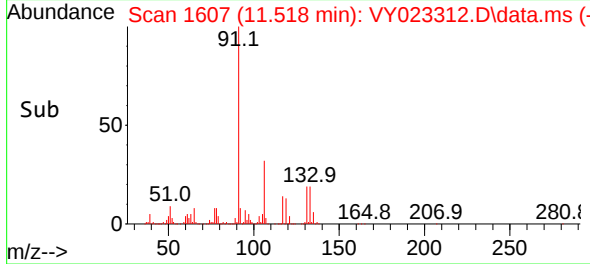
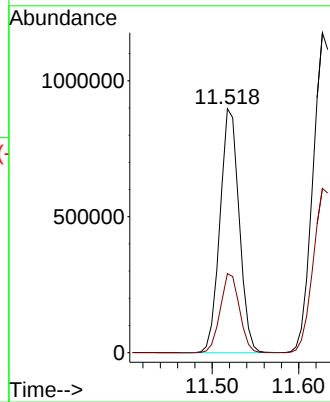
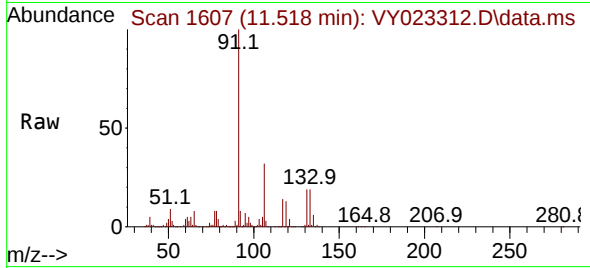




#67
Ethyl Benzene
Concen: 52.410 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

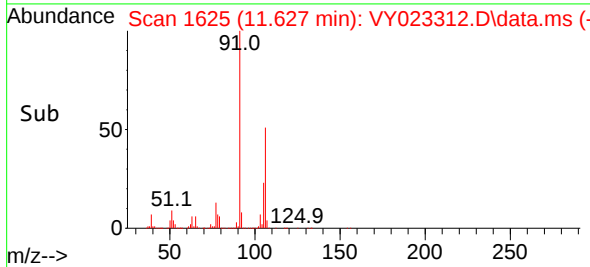
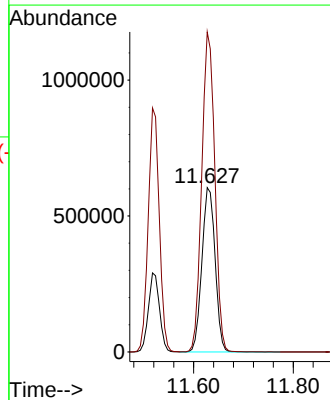
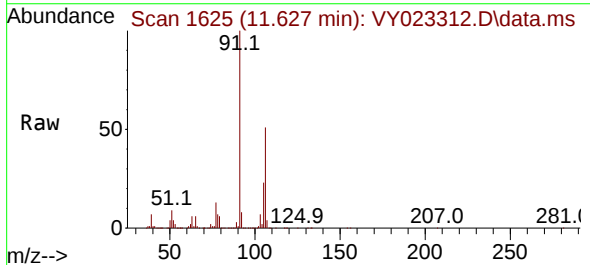
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

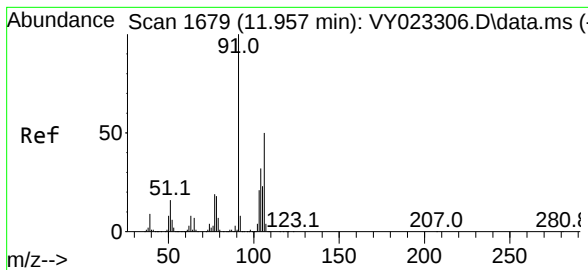
Tgt Ion: 91 Resp: 1381795
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.4



#68
m/p-Xylenes
Concen: 105.274 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion:106 Resp: 1111392
Ion Ratio Lower Upper
106 100
91 192.3 158.6 238.0

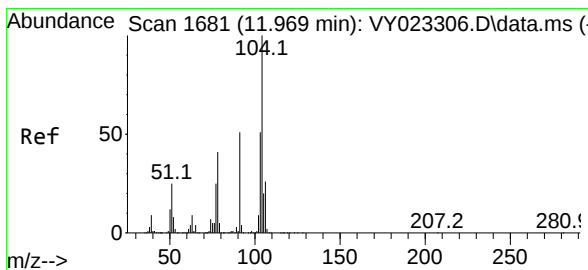
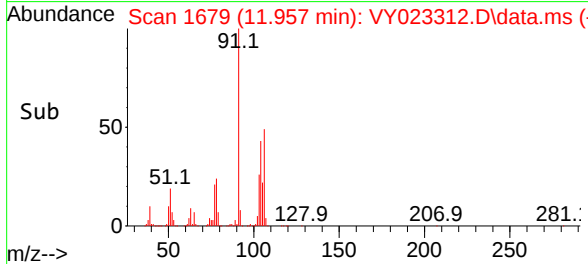
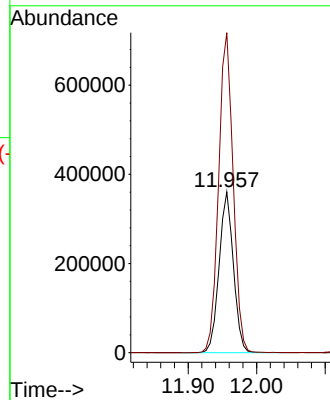
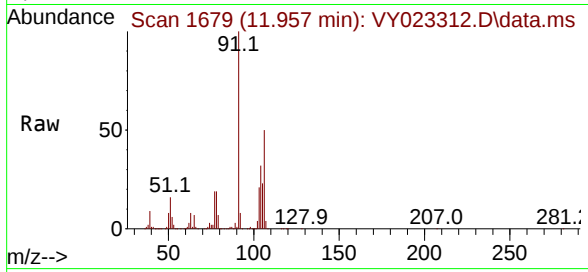




#69
o-Xylene
Concen: 53.190 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

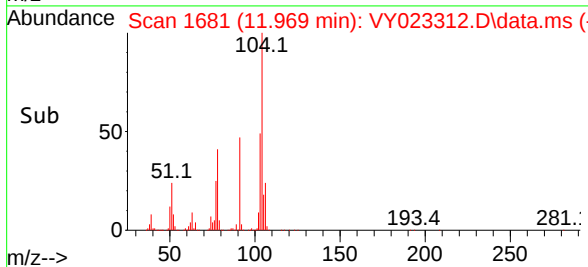
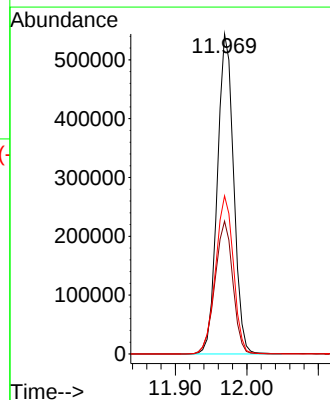
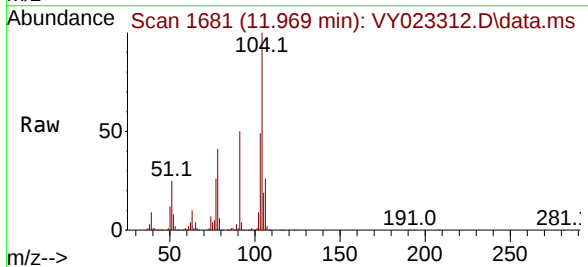
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

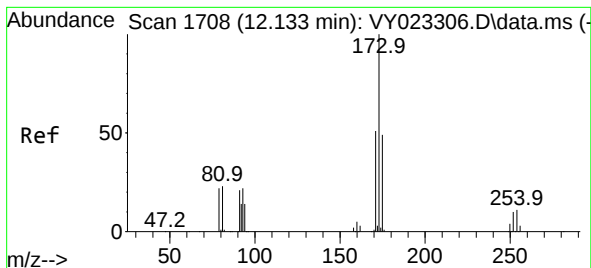
Tgt Ion:106 Resp: 519828
Ion Ratio Lower Upper
106 100
91 202.4 103.2 309.4



#70
Styrene
Concen: 53.185 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion:104 Resp: 861435
Ion Ratio Lower Upper
104 100
78 45.4 38.5 57.7
103 54.1 43.7 65.5





#71

Bromoform

Concen: 50.061 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

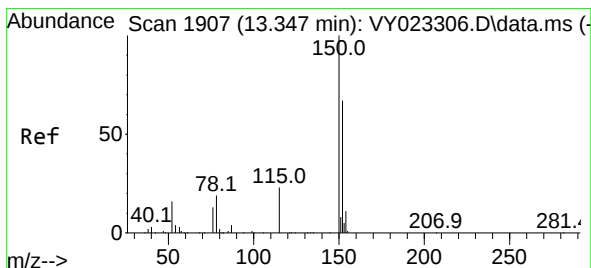
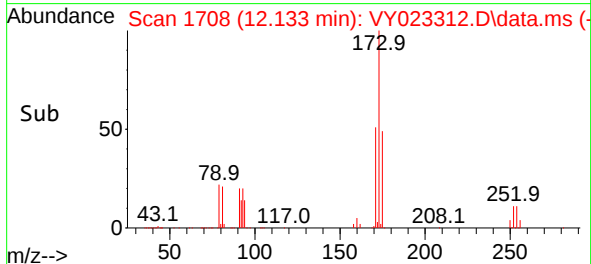
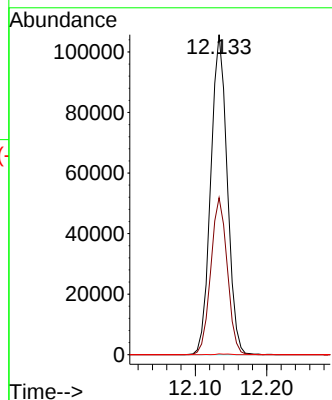
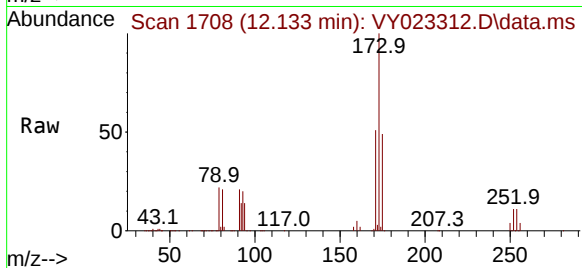
Tgt Ion:173 Resp: 168868

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

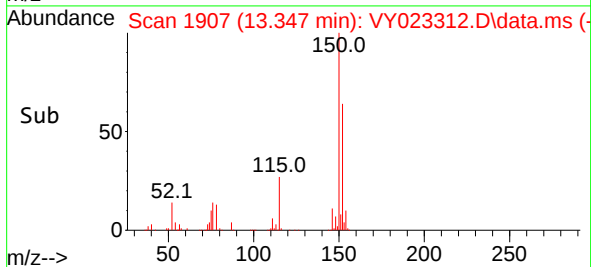
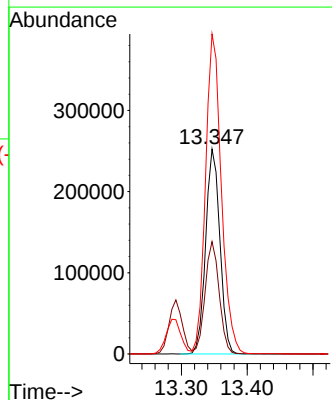
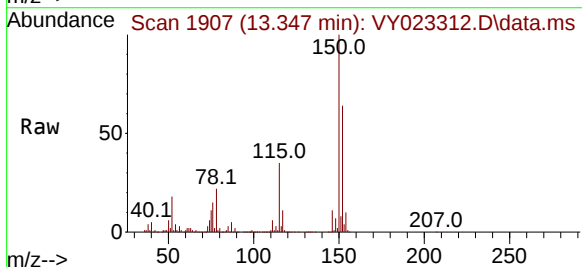
Tgt Ion:152 Resp: 380248

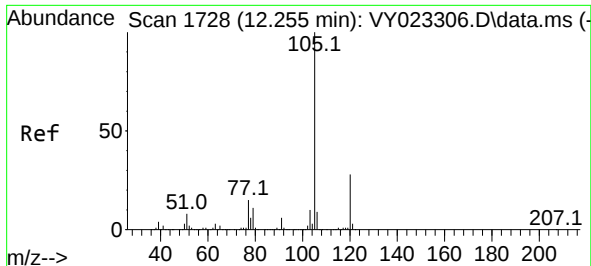
Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.6

150 173.4 0.0 348.0

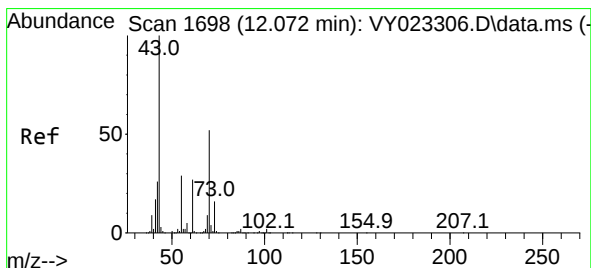
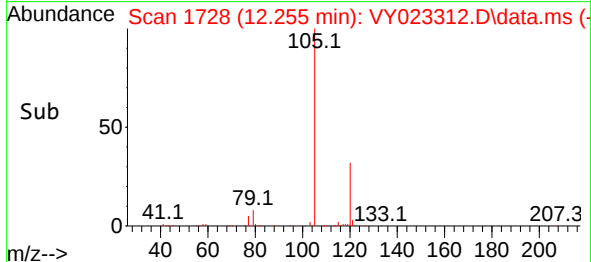
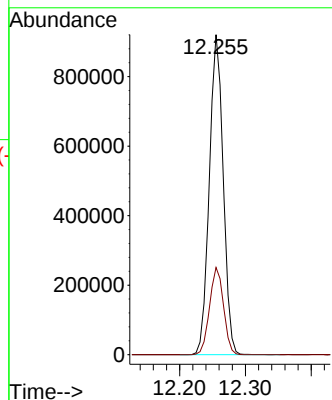
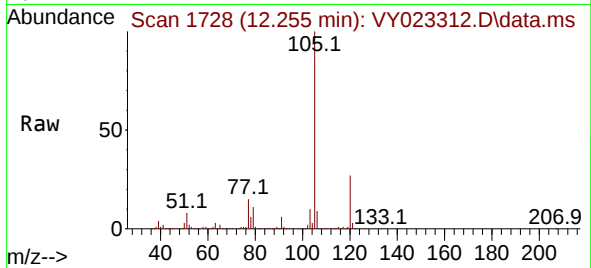




#73
Isopropylbenzene
Concen: 52.812 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

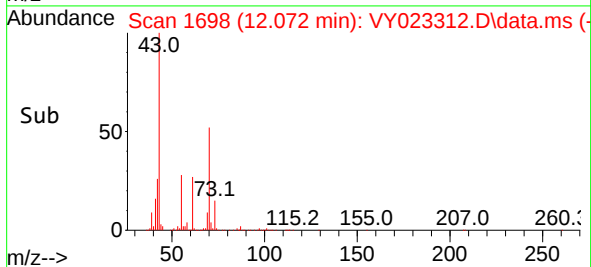
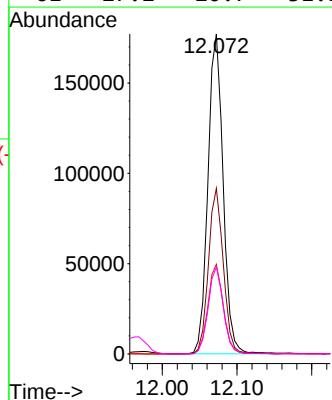
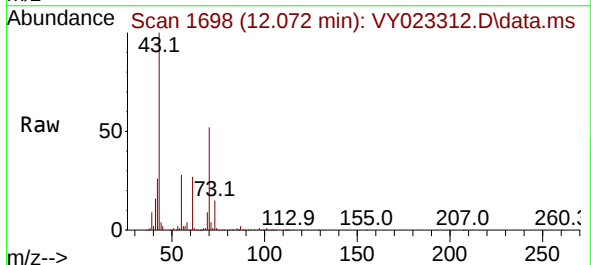
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

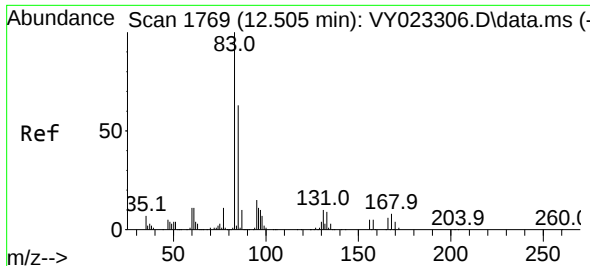
Tgt Ion:105 Resp: 1352704
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 51.721 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 43 Resp: 250405
Ion Ratio Lower Upper
43 100
70 50.9 37.5 56.3
55 28.5 20.7 31.1
61 27.2 20.7 31.1

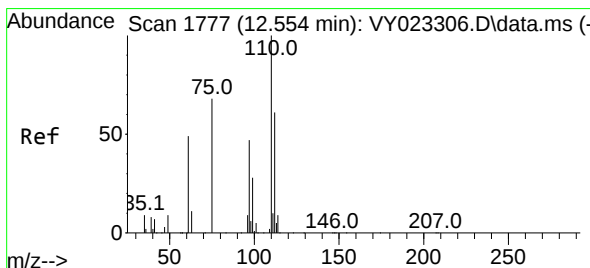
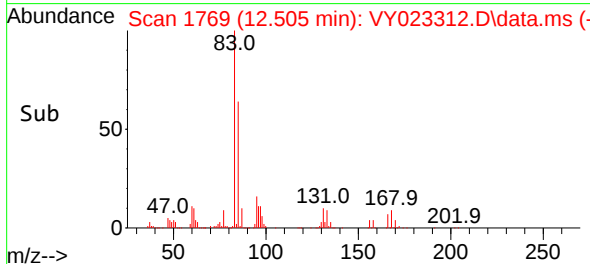
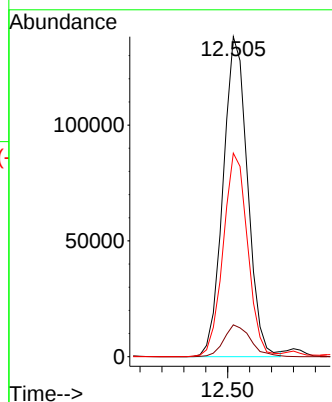
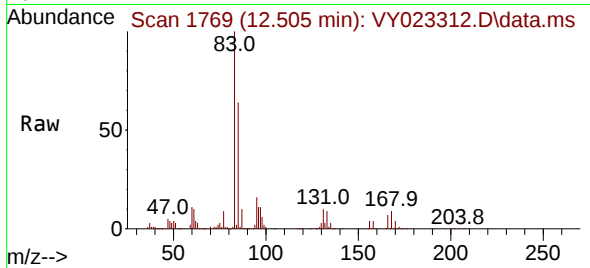




#75
1,1,2-Tetrachloroethane
Concen: 49.808 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

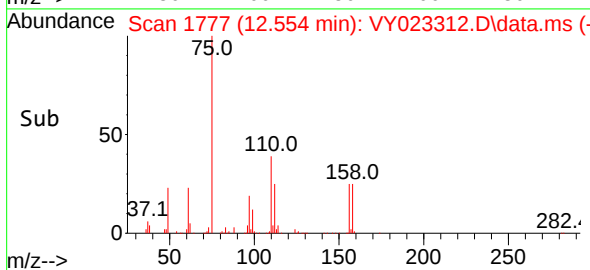
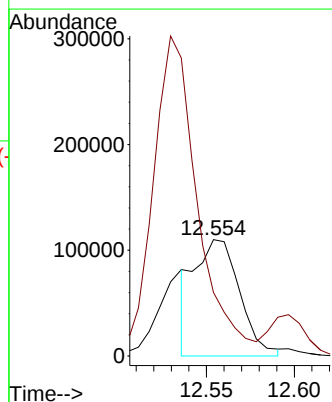
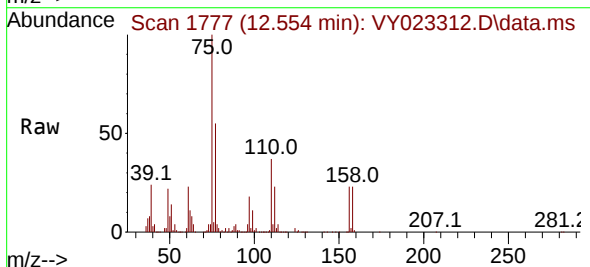
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

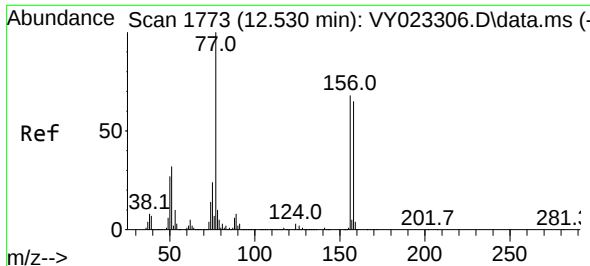
Tgt Ion: 83 Resp: 214109
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 63.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 50.821 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 75 Resp: 195698
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

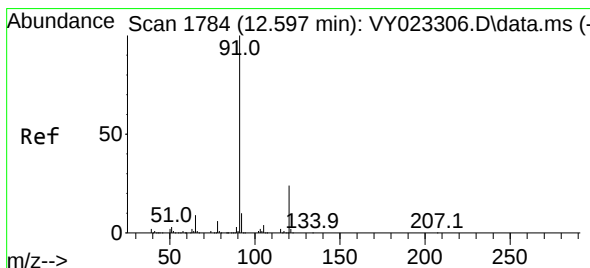
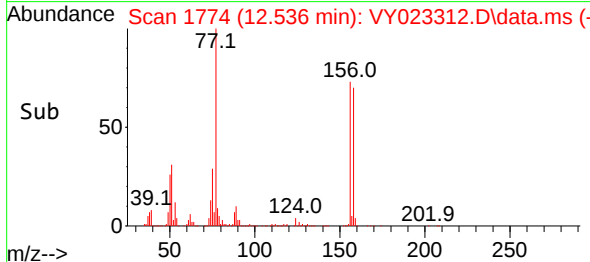
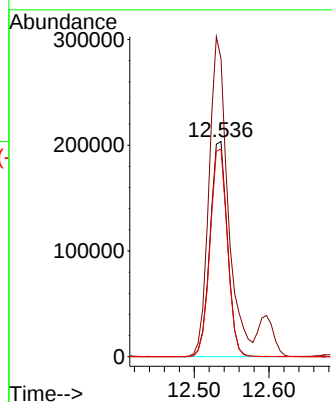
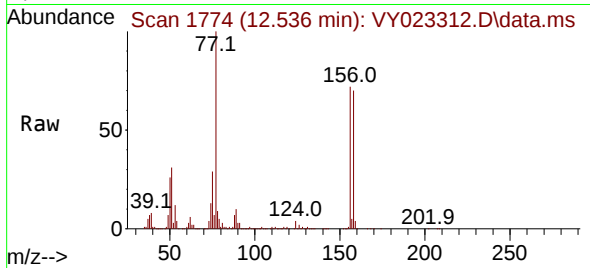




#77
Bromobenzene
Concen: 50.092 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

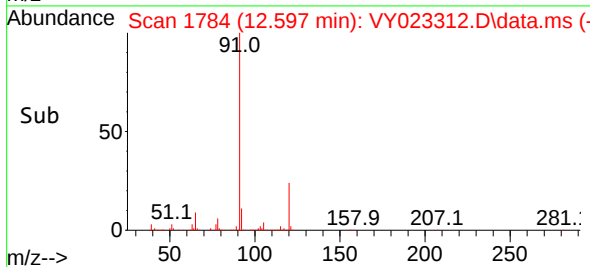
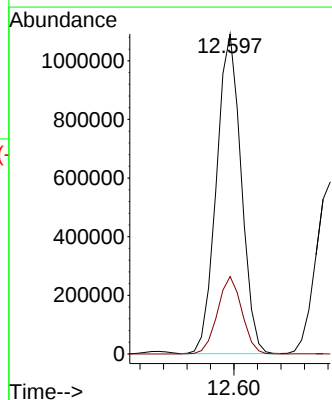
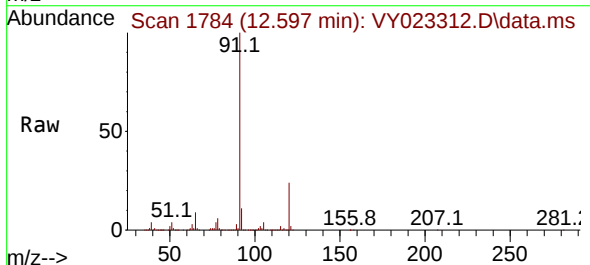
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

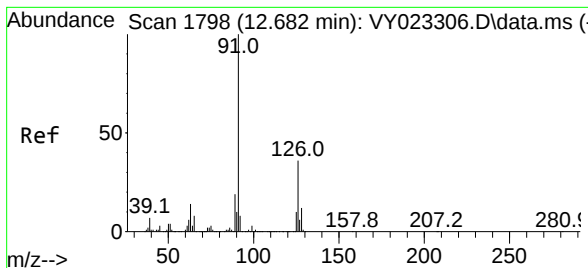
Tgt Ion:156 Resp: 327793
Ion Ratio Lower Upper
156 100
77 161.6 88.1 264.4
158 96.6 48.0 144.0



#78
n-propylbenzene
Concen: 52.727 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 91 Resp: 1591756
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.5

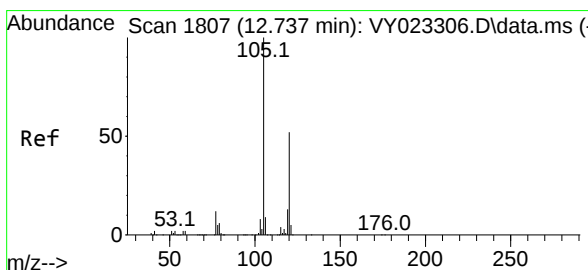
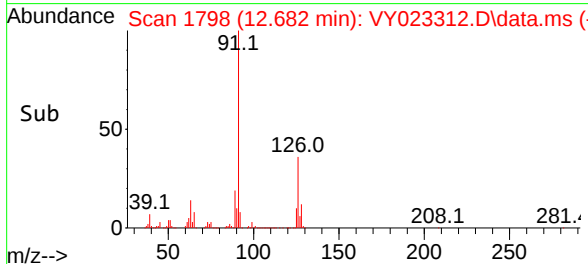
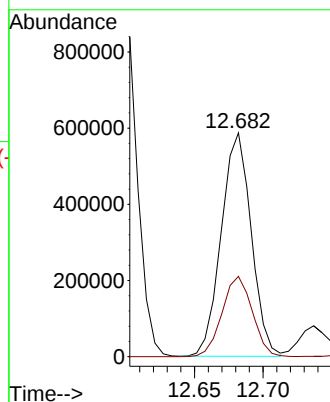
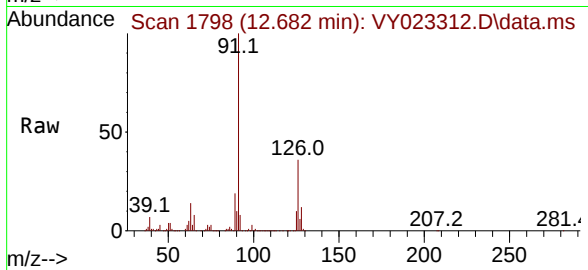




#79
2-Chlorotoluene
Concen: 51.423 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

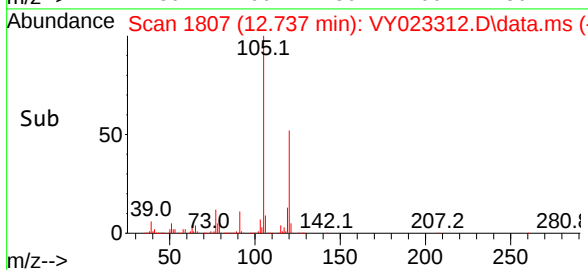
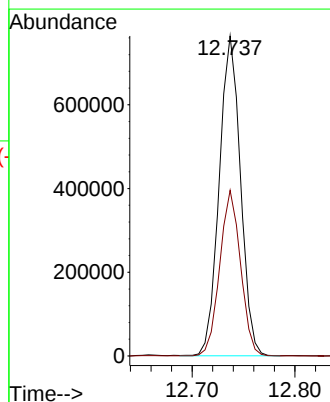
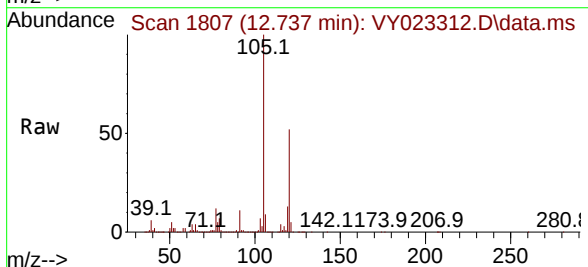
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

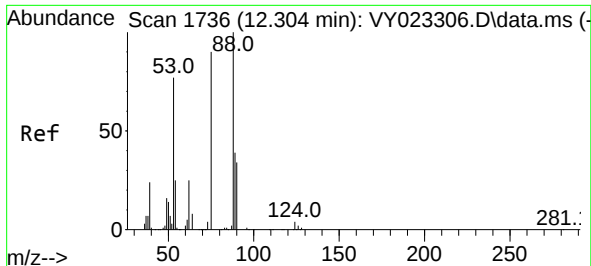
Tgt Ion: 91 Resp: 894134
Ion Ratio Lower Upper
91 100
126 36.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 52.578 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion:105 Resp: 1095302
Ion Ratio Lower Upper
105 100
120 50.8 24.8 74.4

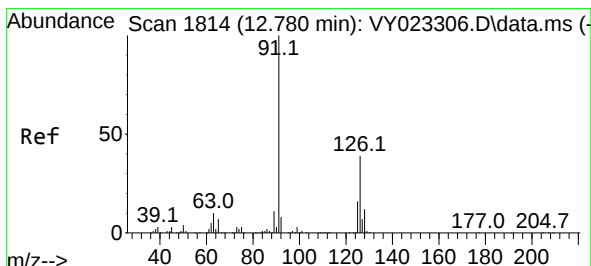
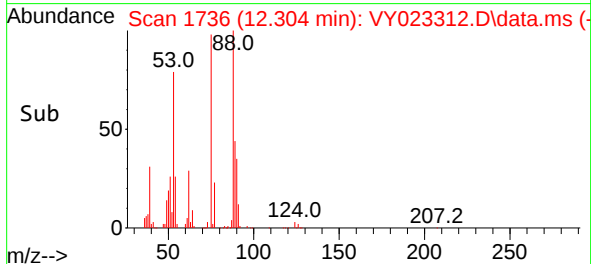
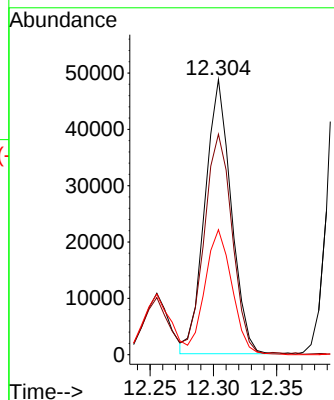
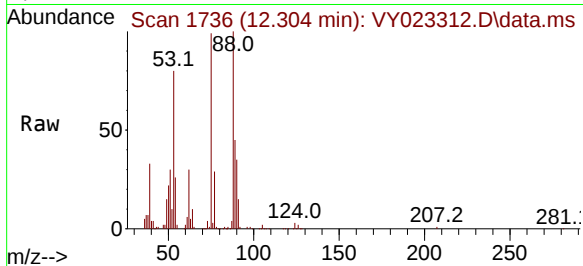




#81
trans-1,4-Dichloro-2-butene
Concen: 49.891 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

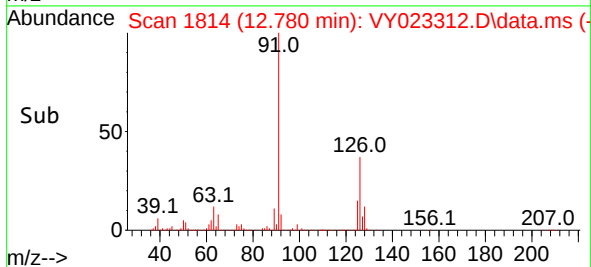
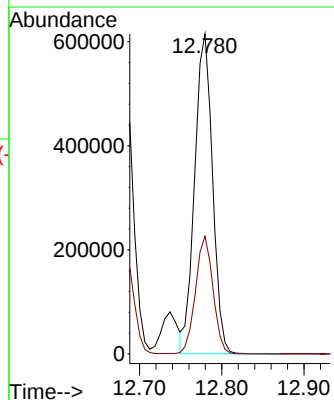
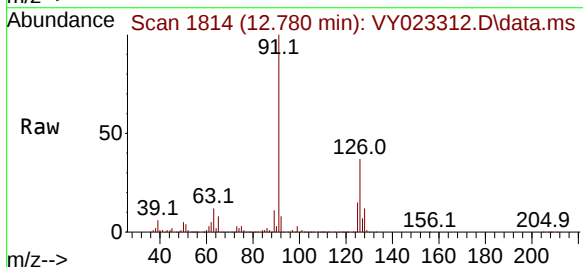
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

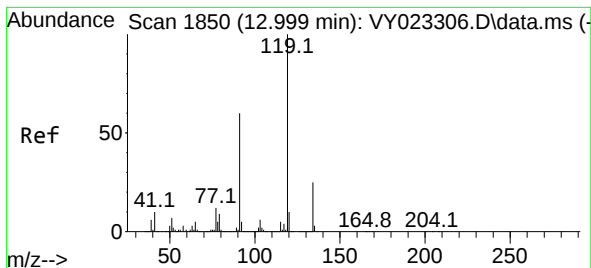
Tgt Ion: 75 Resp: 70448
Ion Ratio Lower Upper
75 100
53 85.6 70.8 106.2
89 46.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 51.069 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 91 Resp: 929142
Ion Ratio Lower Upper
91 100
126 36.1 17.3 52.0





#83

tert-Butylbenzene

Concen: 52.623 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

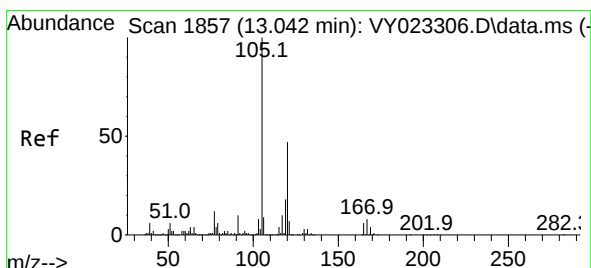
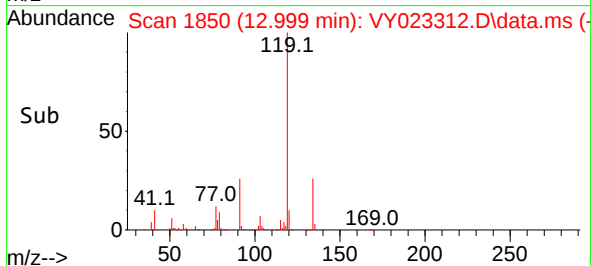
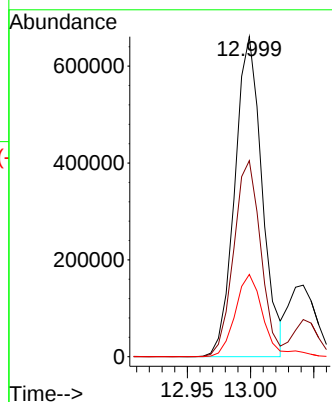
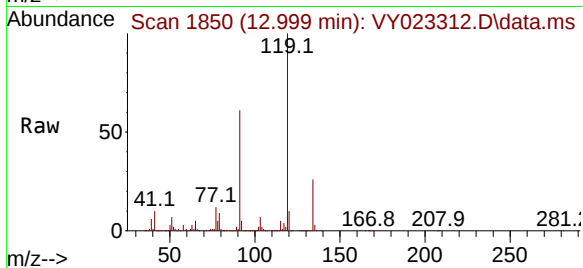
Tgt Ion:119 Resp: 992851

Ion Ratio Lower Upper

119 100

91 60.6 31.6 94.8

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 53.504 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023312.D

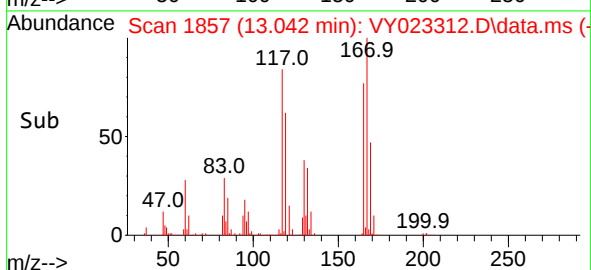
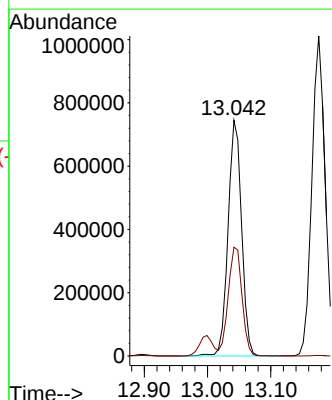
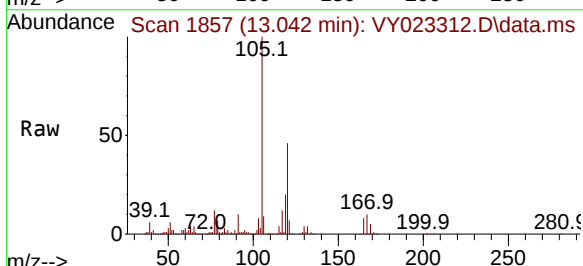
Acq: 09 Sep 2025 08:48

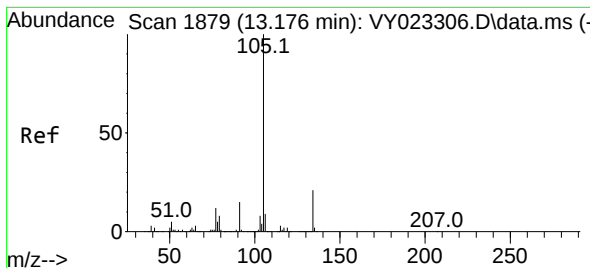
Tgt Ion:105 Resp: 1102645

Ion Ratio Lower Upper

105 100

120 46.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.974 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

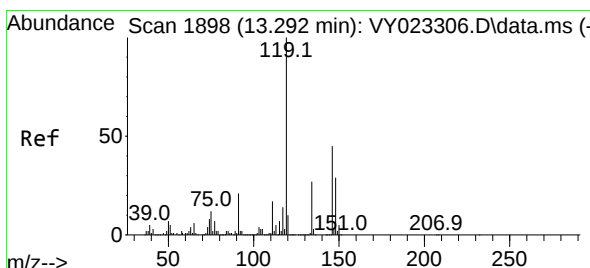
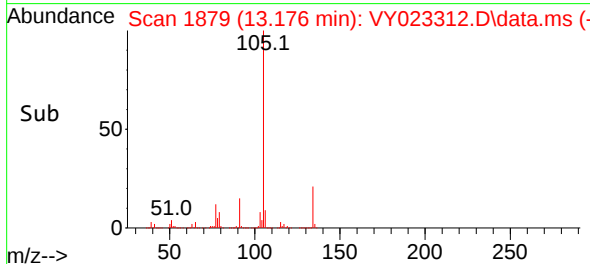
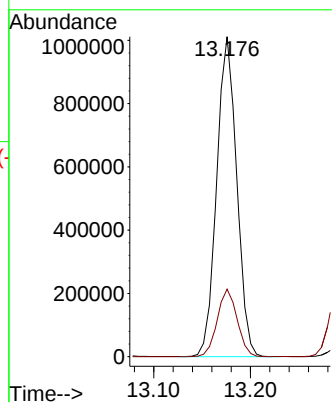
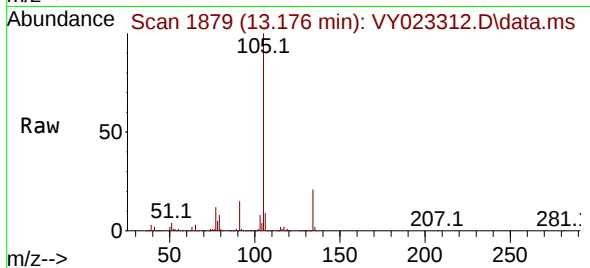
VSTDCCC050

Tgt Ion:105 Resp: 1454238

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 53.333 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

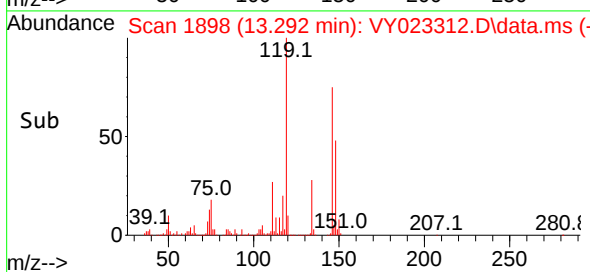
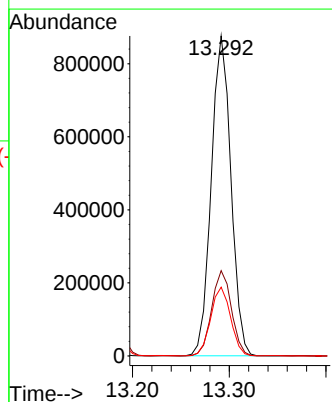
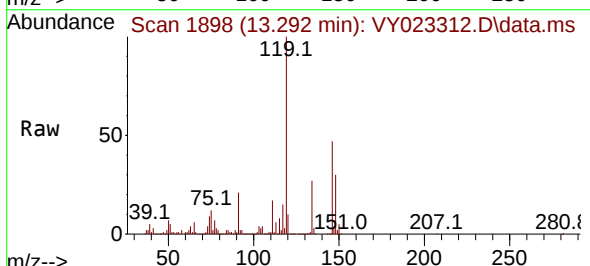
Tgt Ion:119 Resp: 1236729

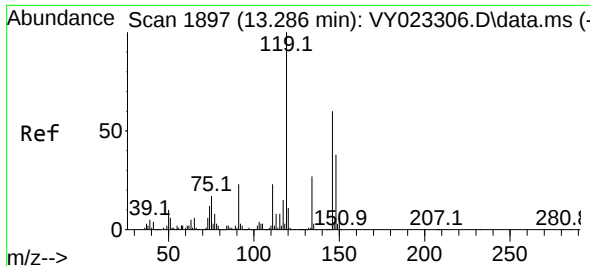
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.6

91 21.7 11.3 33.8

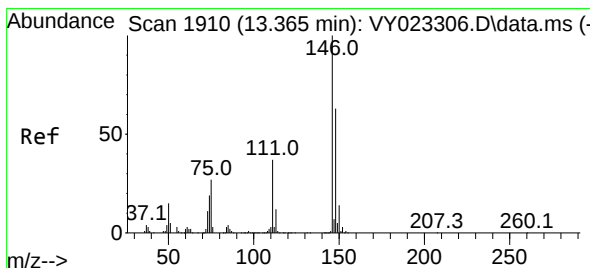
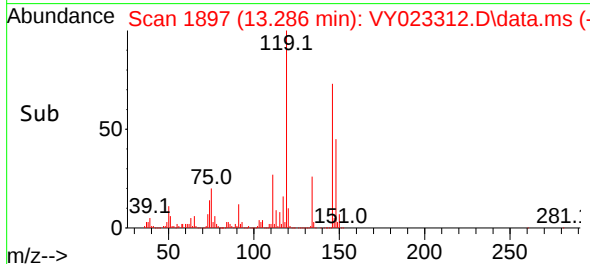
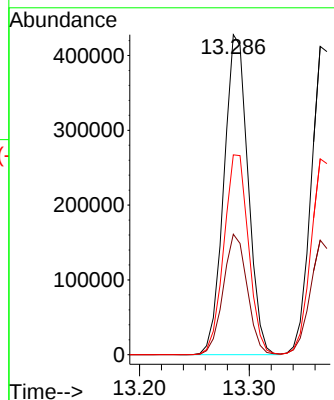
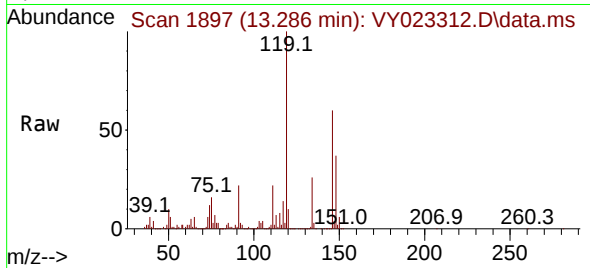




#87
 1,3-Dichlorobenzene
 Concen: 50.591 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY023312.D
 Acq: 09 Sep 2025 08:48

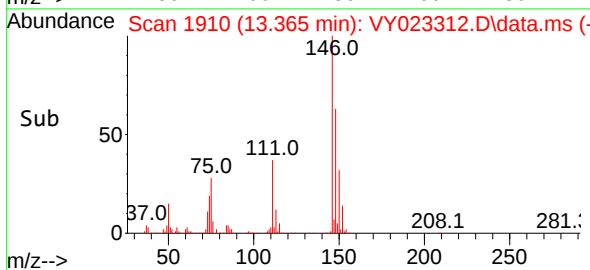
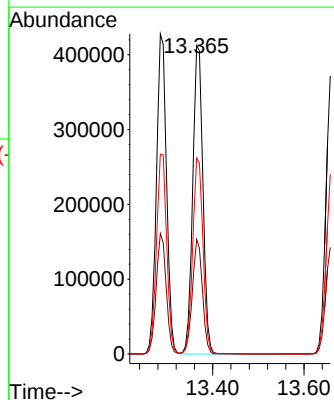
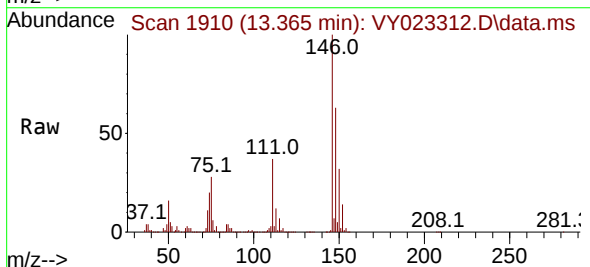
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

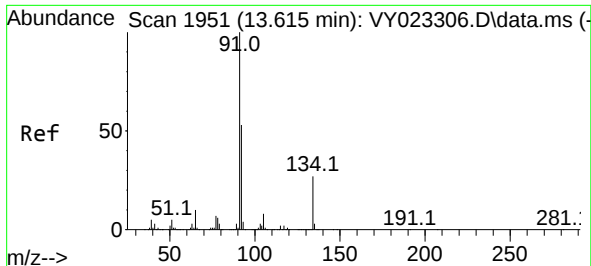
Tgt Ion:146 Resp: 655102
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.6 58.7
 148 63.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 49.546 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023312.D
 Acq: 09 Sep 2025 08:48

Tgt Ion:146 Resp: 635462
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.1 57.1
 148 64.3 31.6 94.7

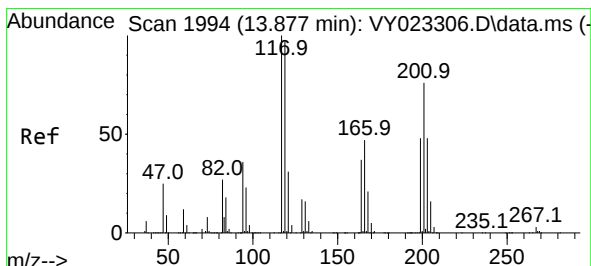
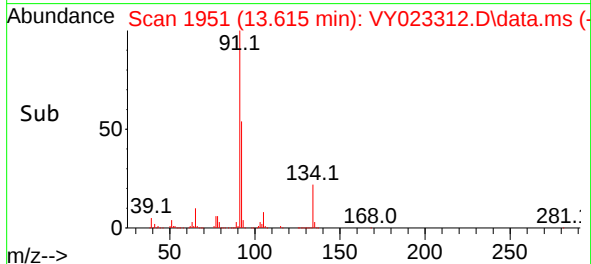
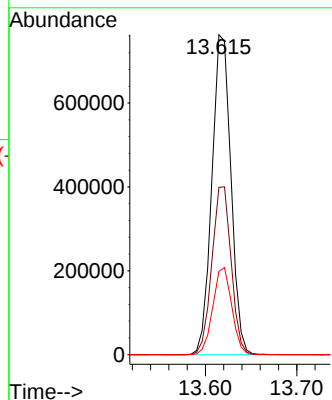
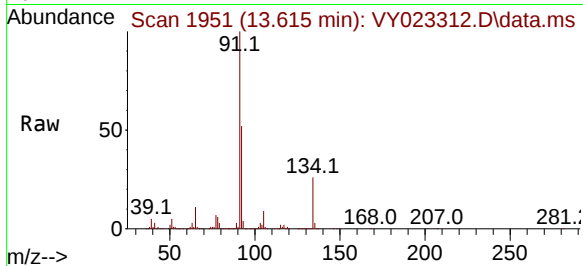




#89
n-Butylbenzene
Concen: 53.622 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

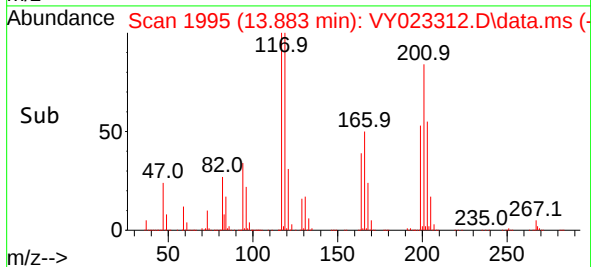
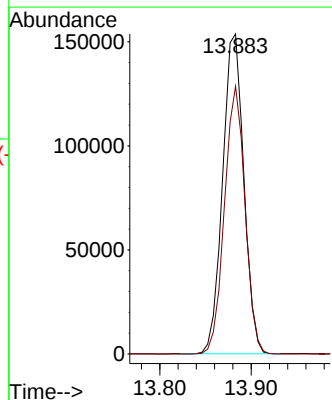
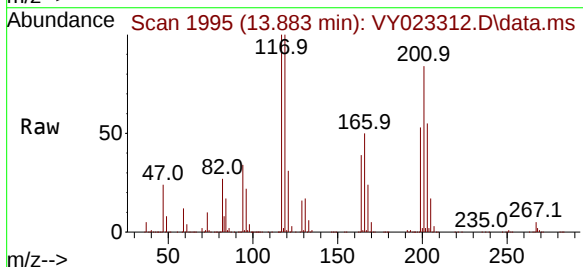
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

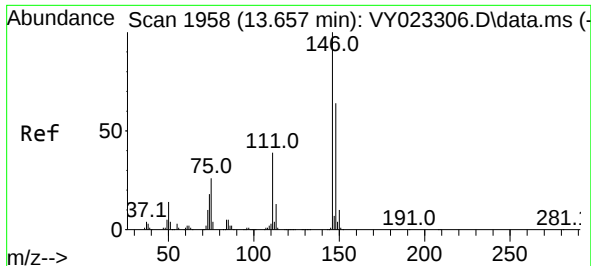
Tgt Ion: 91 Resp: 1102735
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 27.1 13.2 39.5



#90
Hexachloroethane
Concen: 49.405 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 117 Resp: 248369
Ion Ratio Lower Upper
117 100
201 81.0 38.4 115.1

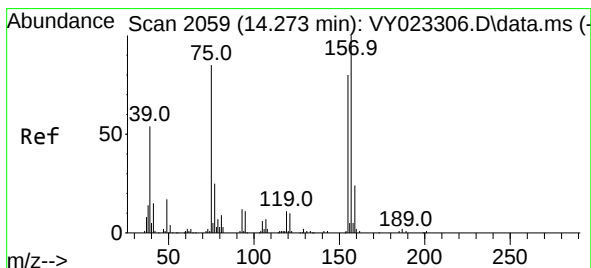
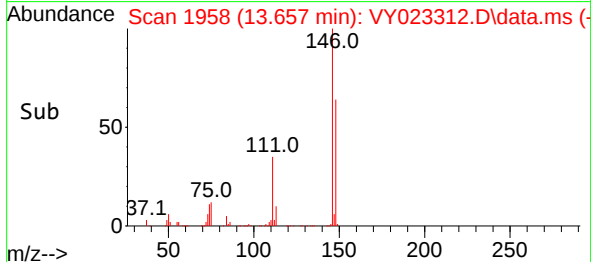
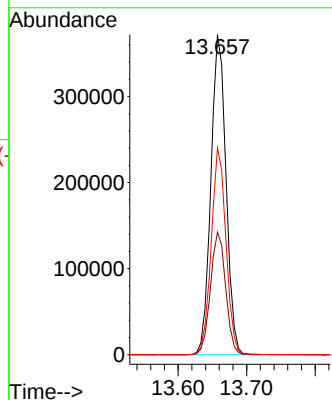
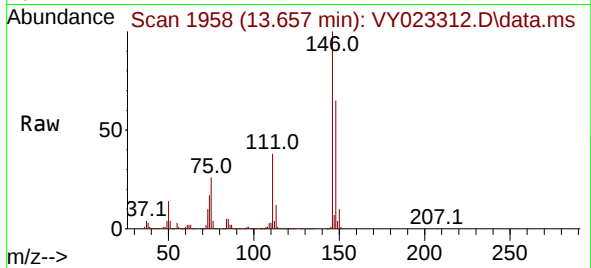




#91
1,2-Dichlorobenzene
Concen: 50.593 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

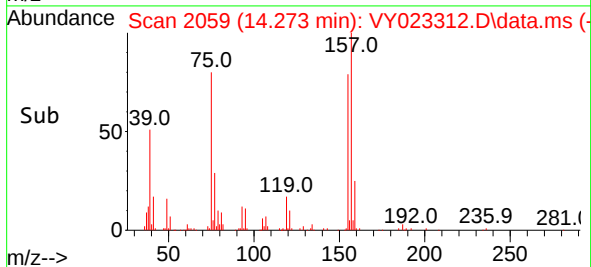
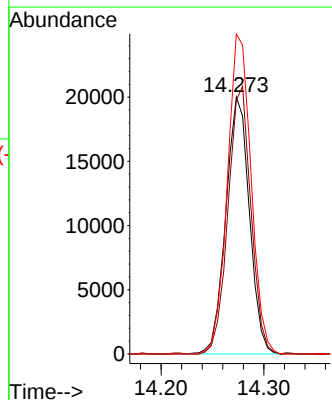
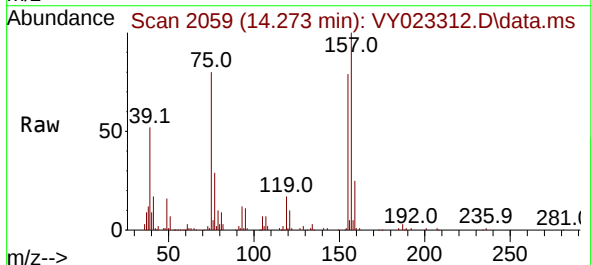
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

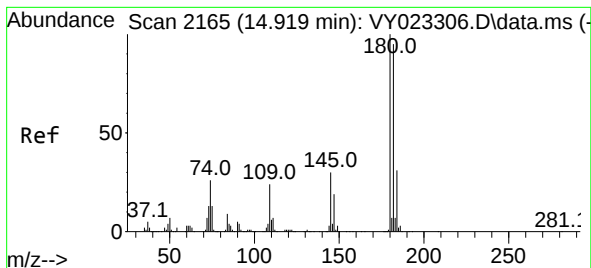
Tgt Ion:146 Resp: 571205
Ion Ratio Lower Upper
146 100
111 38.4 20.3 60.8
148 63.0 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.300 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023312.D
Acq: 09 Sep 2025 08:48

Tgt Ion: 75 Resp: 31904
Ion Ratio Lower Upper
75 100
155 100.8 43.9 131.6
157 125.0 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 52.149 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

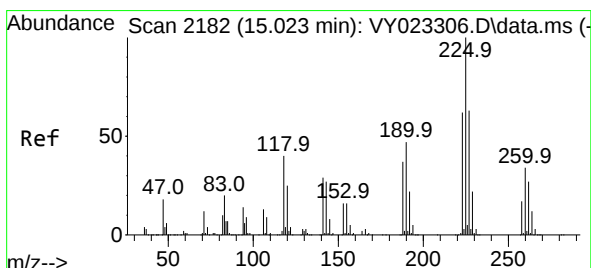
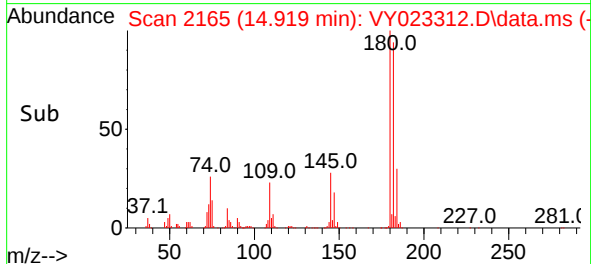
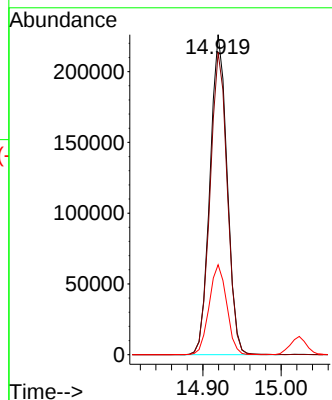
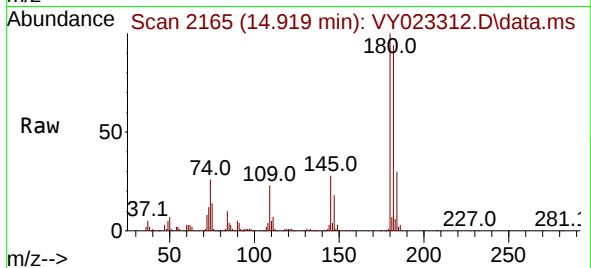
Tgt Ion:180 Resp: 343433

Ion Ratio Lower Upper

180 100

182 94.6 46.8 140.4

145 28.8 14.4 43.4



#94

Hexachlorobutadiene

Concen: 50.957 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

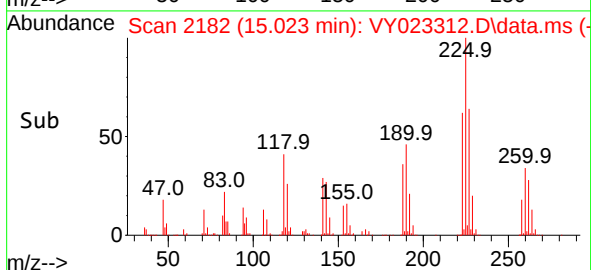
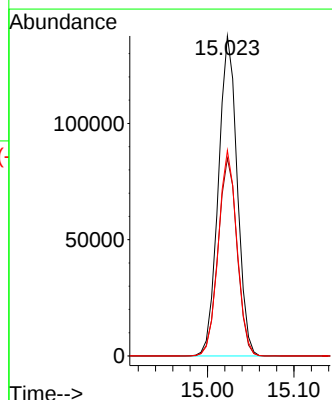
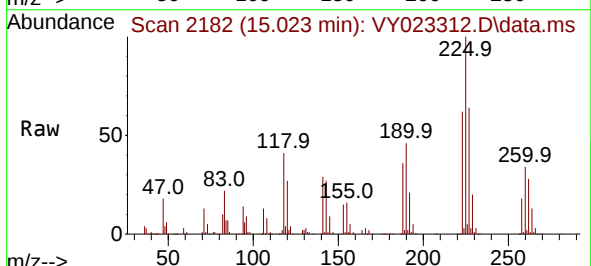
Tgt Ion:225 Resp: 207489

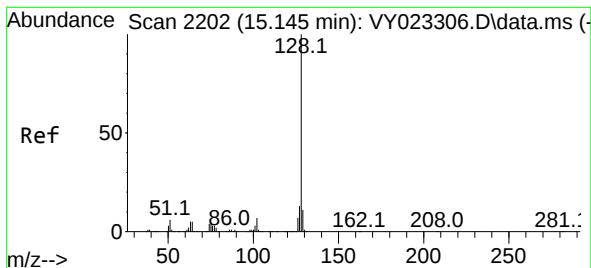
Ion Ratio Lower Upper

225 100

223 62.2 31.3 93.8

227 63.4 31.5 94.5





#95

Naphthalene

Concen: 53.378 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

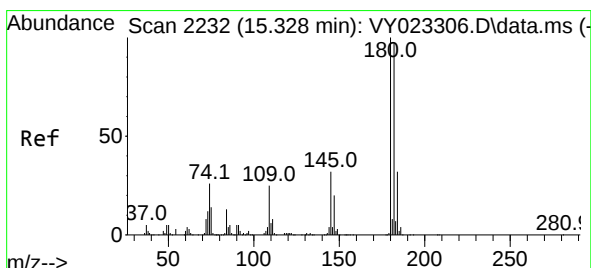
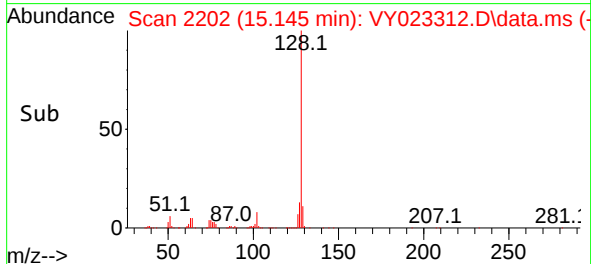
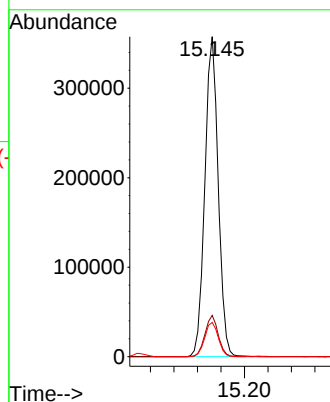
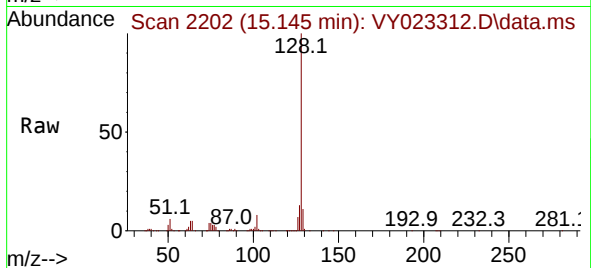
Tgt Ion:128 Resp: 565006

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 51.213 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023312.D

Acq: 09 Sep 2025 08:48

Tgt Ion:180 Resp: 292910

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 30.8 15.9 47.7

