

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023324.D
 Acq On : 10 Sep 2025 10:33
 Operator : SY/MD
 Sample : VY0910SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBS01

Quant Time: Sep 11 03:47:17 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	502400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	765892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	669720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	341290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	213138	48.280	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.560%
35) Dibromofluoromethane	7.640	113	227052	48.498	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.000%
50) Toluene-d8	10.109	98	867003	49.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.402	95	270726	48.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	84379	20.935	ug/l	99
3) Chloromethane	2.074	50	121073	20.992	ug/l	96
4) Vinyl Chloride	2.208	62	151147	20.802	ug/l	100
5) Bromomethane	2.592	94	129401	21.811	ug/l	99
6) Chloroethane	2.732	64	101661	20.675	ug/l	100
7) Trichlorofluoromethane	3.062	101	188187	20.520	ug/l	100
8) Diethyl Ether	3.458	74	49235	20.290	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	99410	20.156	ug/l	98
10) Methyl Iodide	4.007	142	107253	18.642	ug/l	99
11) Tert butyl alcohol	4.860	59	27385	107.356	ug/l	99
12) 1,1-Dichloroethene	3.787	96	92477	19.492	ug/l	92
13) Acrolein	3.659	56	41537	96.319	ug/l	96
14) Allyl chloride	4.385	41	118610	19.790	ug/l	97
15) Acrylonitrile	5.061	53	93964	98.366	ug/l	99
16) Acetone	3.873	43	107417	106.821	ug/l	99
17) Carbon Disulfide	4.110	76	296875	19.764	ug/l	99
18) Methyl Acetate	4.385	43	50383	20.425	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	221043	19.814	ug/l	95
20) Methylene Chloride	4.622	84	120067	22.317	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	106494	20.089	ug/l	98
22) Diisopropyl ether	6.025	45	269535	20.194	ug/l	94
23) Vinyl Acetate	5.964	43	728549	98.733	ug/l	98
24) 1,1-Dichloroethane	5.921	63	175181	20.066	ug/l	98
25) 2-Butanone	6.896	43	128969	104.205	ug/l	98
26) 2,2-Dichloropropane	6.890	77	156397	20.289	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	120207	20.024	ug/l	94
28) Bromochloromethane	7.250	49	67872	19.758	ug/l	88
29) Tetrahydrofuran	7.262	42	72731	99.075	ug/l	96
30) Chloroform	7.421	83	188351	20.079	ug/l	97
31) Cyclohexane	7.701	56	152437	19.732	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	167942	20.039	ug/l	98
36) 1,1-Dichloropropene	7.841	75	134914	20.233	ug/l	99
37) Ethyl Acetate	6.988	43	50254	18.946	ug/l	95
38) Carbon Tetrachloride	7.823	117	151104	19.694	ug/l	94
39) Methylcyclohexane	9.109	83	167195	19.600	ug/l	99
40) Benzene	8.085	78	420339	20.281	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	70813	51.553	ug/l #	34
42) 1,2-Dichloroethane	8.158	62	107219	20.319	ug/l	99
43) Isopropyl Acetate	8.201	43	99268	19.242	ug/l	95
44) Trichloroethene	8.866	130	115823	20.063	ug/l	99
45) 1,2-Dichloropropane	9.146	63	93560	19.988	ug/l	97
46) Dibromomethane	9.231	93	57045	20.012	ug/l	97
47) Bromodichloromethane	9.426	83	144019	20.082	ug/l	96
48) Methyl methacrylate	9.225	41	46038	19.145	ug/l	92
49) 1,4-Dioxane	9.231	88	12067	417.020	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	261316	99.007	ug/l	99
52) Toluene	10.170	92	264688	20.124	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	121598	19.694	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	145341	19.700	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	76175	20.089	ug/l	99
56) Ethyl methacrylate	10.438	69	83419	18.989	ug/l	96
57) 1,3-Dichloropropane	10.719	76	122160	19.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	179310	93.649	ug/l	97
59) 2-Hexanone	10.762	43	186046	101.965	ug/l	100
60) Dibromochloromethane	10.914	129	103469	20.111	ug/l	100
61) 1,2-Dibromoethane	11.018	107	71228	20.046	ug/l	99
64) Tetrachloroethene	10.646	164	141550	21.206	ug/l	98
65) Chlorobenzene	11.444	112	296013	20.176	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	103824	20.161	ug/l	100
67) Ethyl Benzene	11.518	91	477904	19.938	ug/l	96
68) m/p-Xylenes	11.627	106	388769	40.505	ug/l	96
69) o-Xylene	11.956	106	177226	19.947	ug/l	99
70) Styrene	11.969	104	298518	20.272	ug/l	98
71) Bromoform	12.133	173	62431	20.357	ug/l #	99
73) Isopropylbenzene	12.255	105	455493	19.813	ug/l	98
74) N-amyl acetate	12.072	43	86950	20.009	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	74280	19.252	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	103045	29.815	ug/l #	100
77) Bromobenzene	12.530	156	118368	20.153	ug/l	94
78) n-propylbenzene	12.597	91	553252	20.418	ug/l	98
79) 2-Chlorotoluene	12.676	91	317780	20.362	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	377848	20.208	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24546	19.368	ug/l	98
82) 4-Chlorotoluene	12.773	91	329610	20.185	ug/l	97
83) tert-Butylbenzene	12.993	119	337520	19.931	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	379156	20.498	ug/l	98
85) sec-Butylbenzene	13.176	105	503224	20.424	ug/l	99
86) p-Isopropyltoluene	13.292	119	418859	20.125	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	235675	20.278	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	229951	19.976	ug/l	98
89) n-Butylbenzene	13.615	91	368655	19.972	ug/l	98
90) Hexachloroethane	13.877	117	89244	19.779	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	204225	20.154	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12084	19.960	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	119895	20.284	ug/l	97
94) Hexachlorobutadiene	15.023	225	73735	20.176	ug/l	98
95) Naphthalene	15.139	128	184113	19.379	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	103579	20.177	ug/l	99

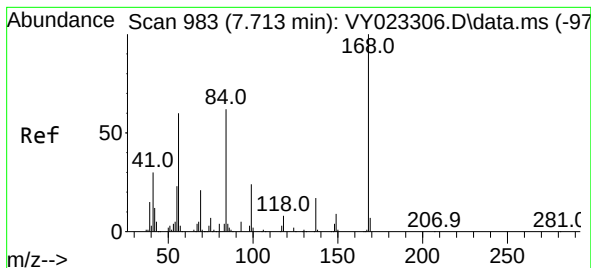
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
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QLast Update : Wed Sep 10 01:44:33 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

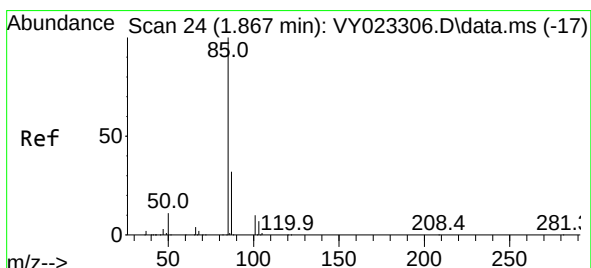
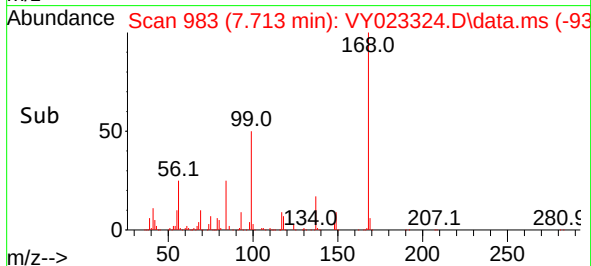
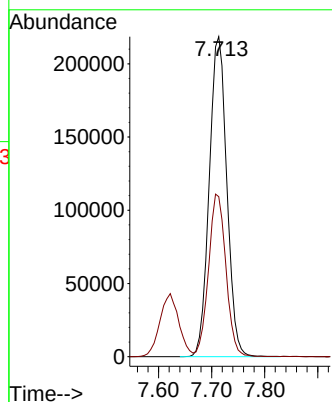
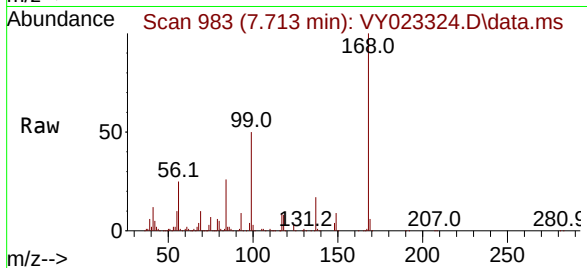
VY0910SBSD01

Tgt Ion:168 Resp: 502400

Ion Ratio Lower Upper

168 100

99 49.9 42.8 64.2



#2

Dichlorodifluoromethane

Concen: 20.935 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY023324.D

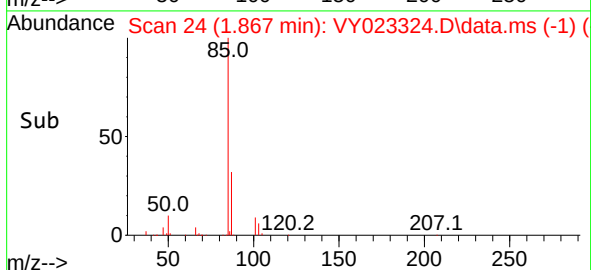
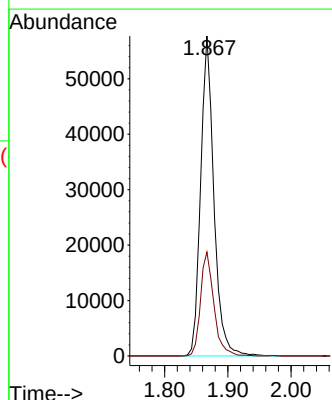
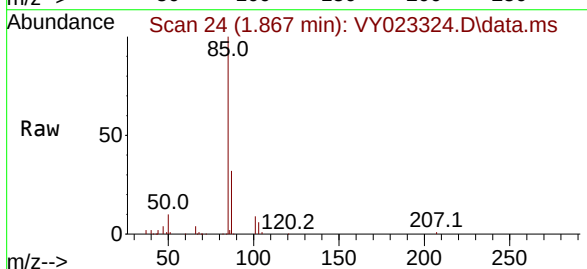
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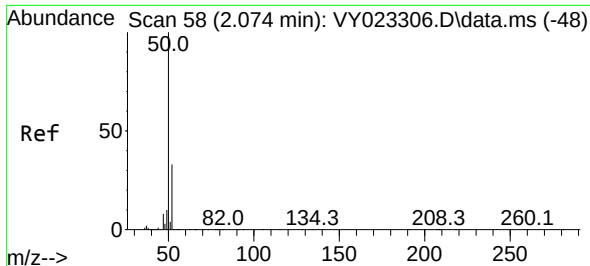
Tgt Ion: 85 Resp: 84379

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.8

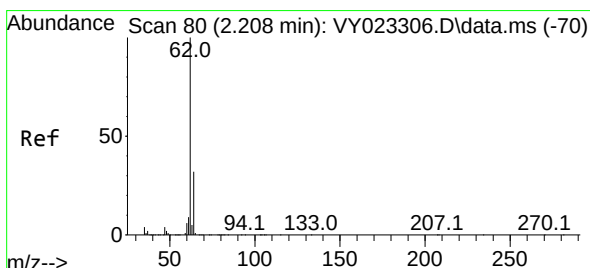
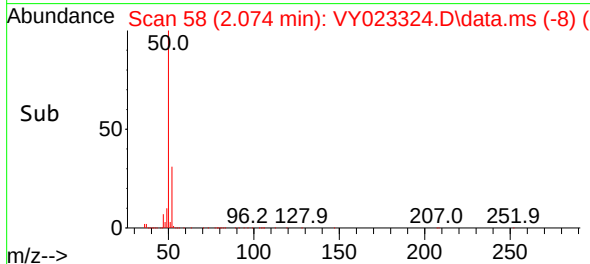
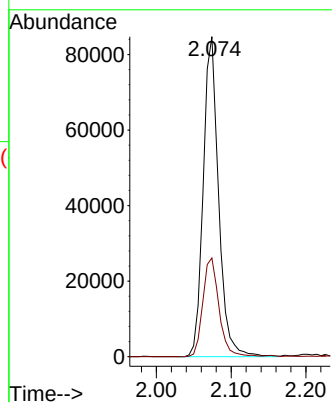
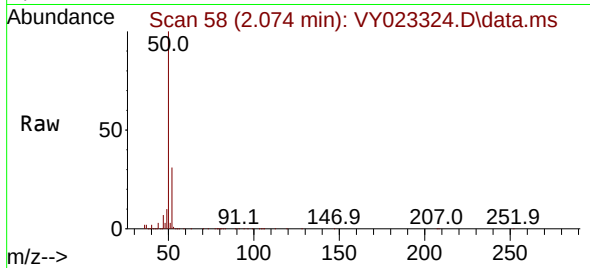




#3
Chloromethane
Concen: 20.992 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

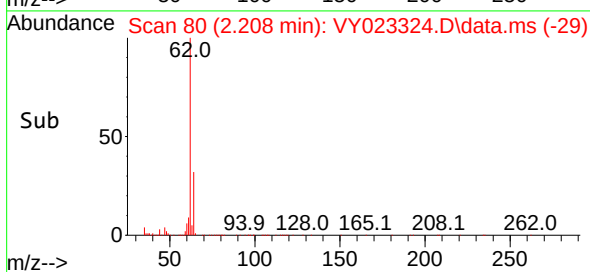
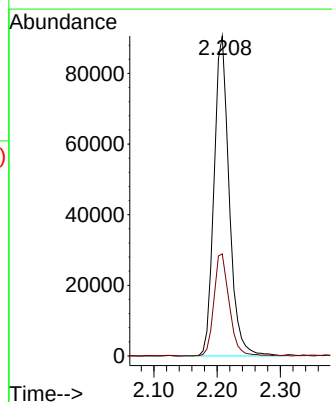
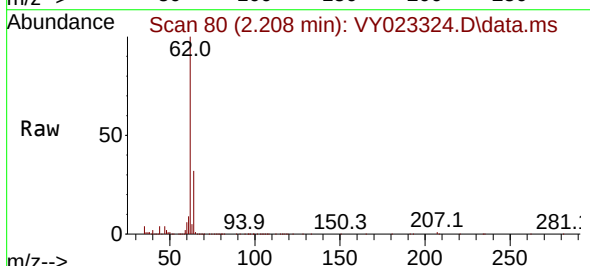
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

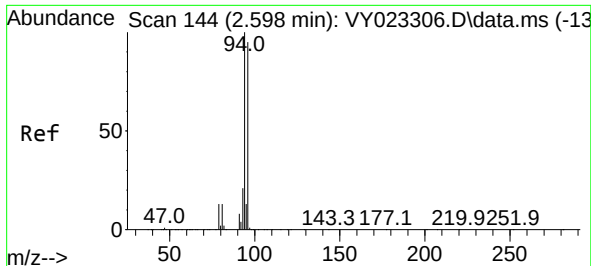
Tgt Ion: 50 Resp: 121073
Ion Ratio Lower Upper
50 100
52 30.9 26.7 40.1



#4
Vinyl Chloride
Concen: 20.802 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 62 Resp: 151147
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

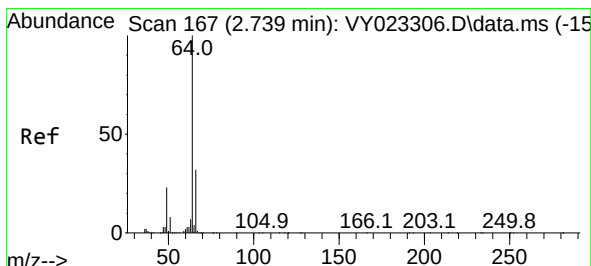
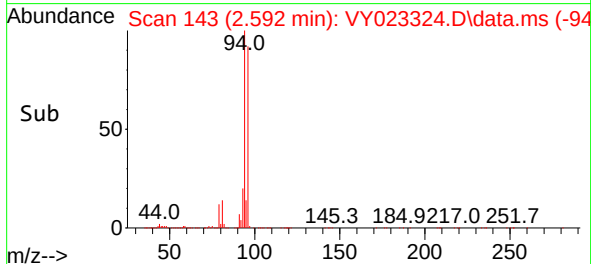
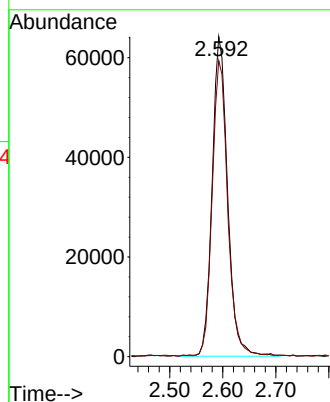
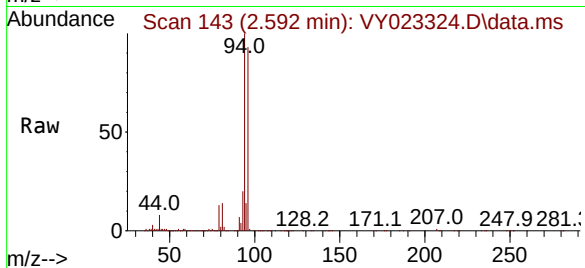




#5
Bromomethane
Concen: 21.811 ug/l
RT: 2.592 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

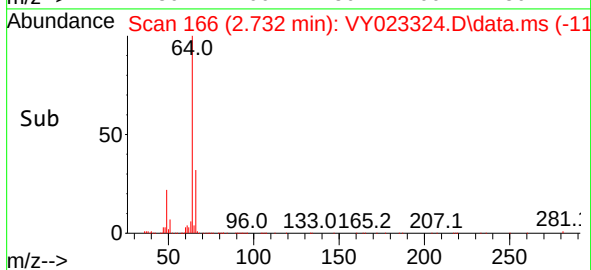
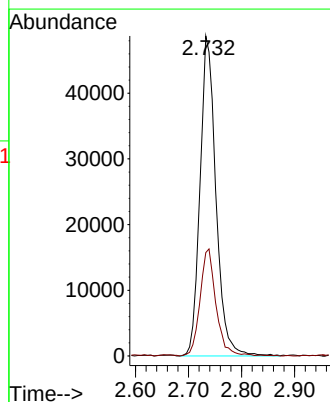
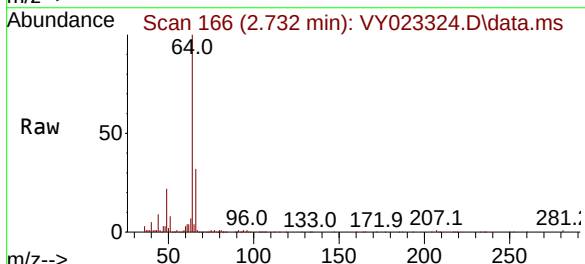
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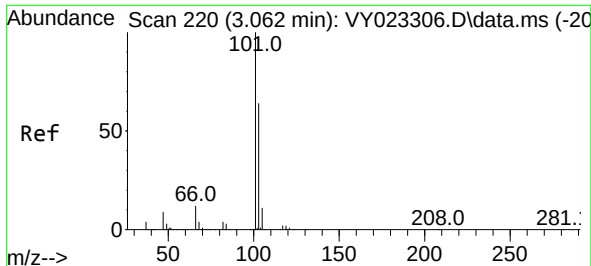
Tgt Ion: 94 Resp: 129401
Ion Ratio Lower Upper
94 100
96 92.4 74.6 112.0



#6
Chloroethane
Concen: 20.675 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 64 Resp: 101661
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.6

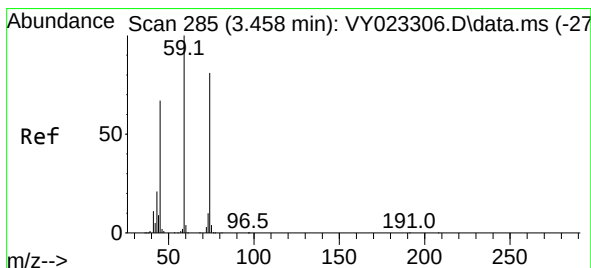
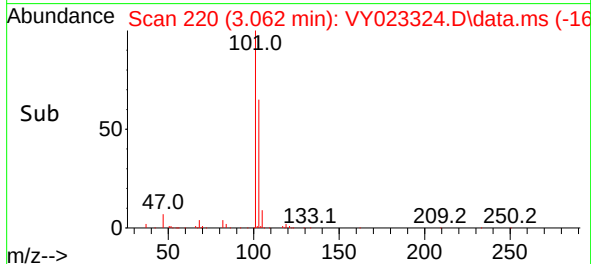
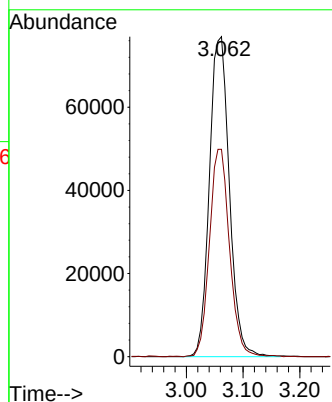
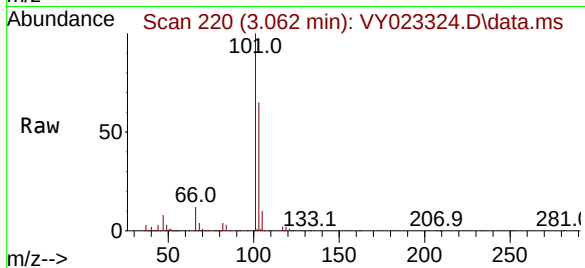




#7
Trichlorofluoromethane
Concen: 20.520 ug/l
RT: 3.062 min Scan# 211
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

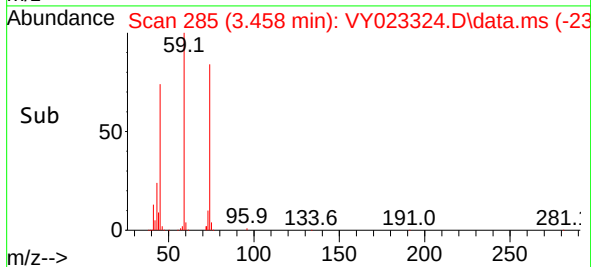
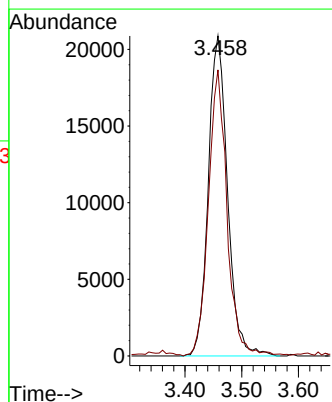
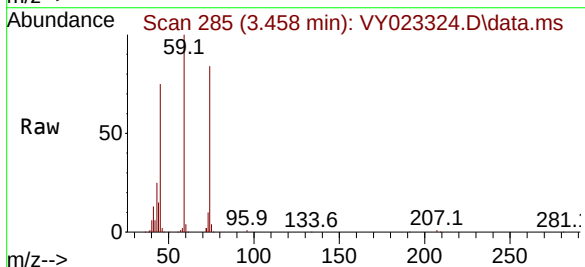
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

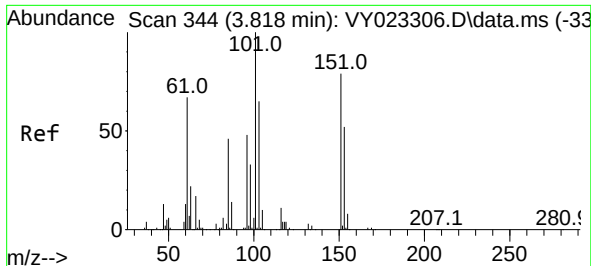
Tgt Ion:101 Resp: 188187
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9



#8
Diethyl Ether
Concen: 20.290 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 74 Resp: 49235
Ion Ratio Lower Upper
74 100
45 87.0 44.4 133.2

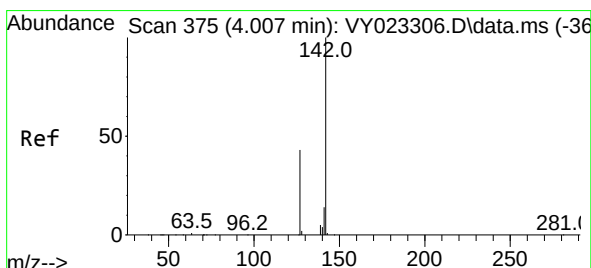
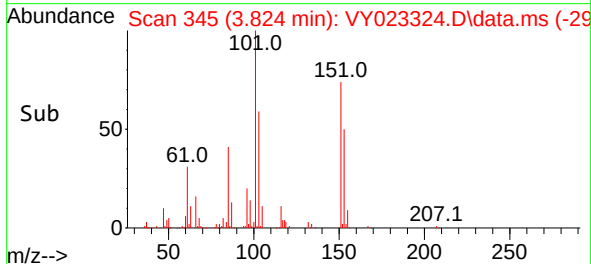
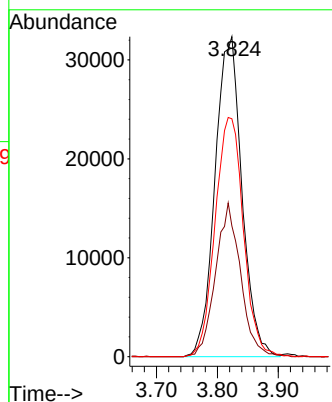
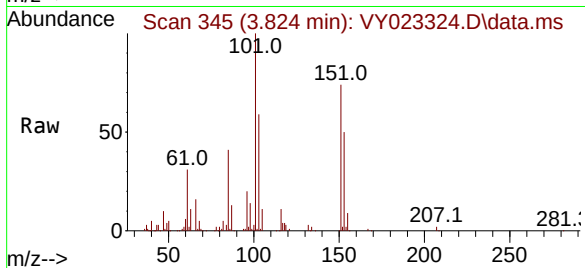




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.156 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY023324.D
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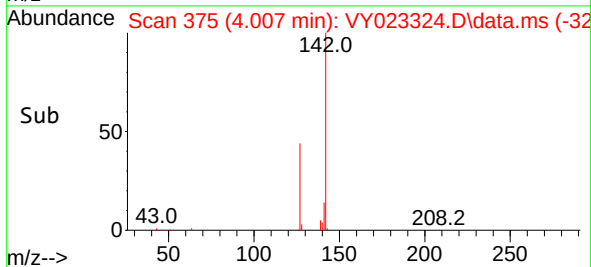
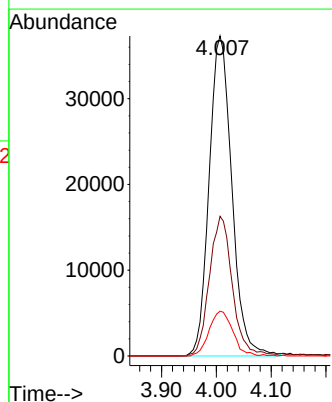
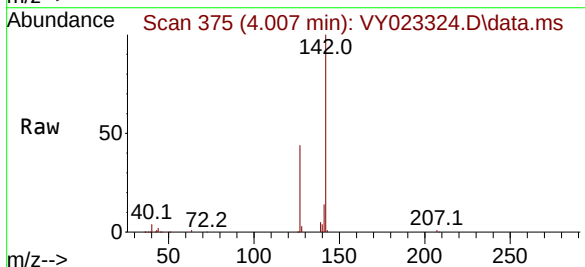
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

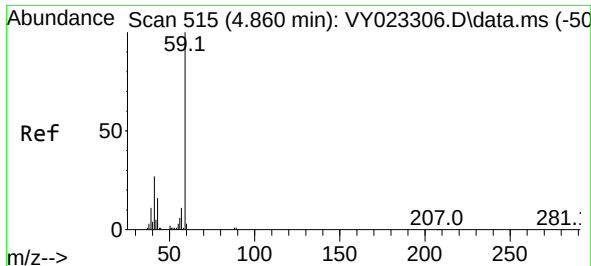
Tgt Ion:101 Resp: 99410
Ion Ratio Lower Upper
101 100
85 44.6 36.3 54.5
151 78.5 61.5 92.3



#10
Methyl Iodide
Concen: 18.642 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion:142 Resp: 107253
Ion Ratio Lower Upper
142 100
127 44.1 34.9 52.3
141 14.5 11.3 16.9

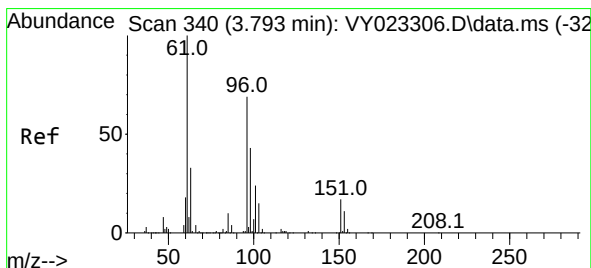
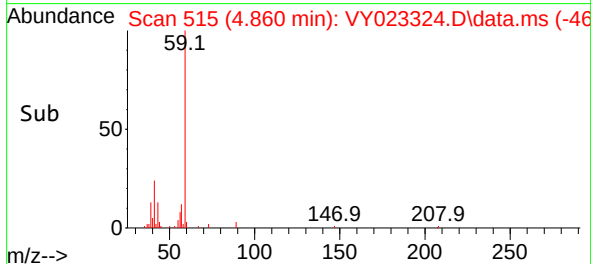
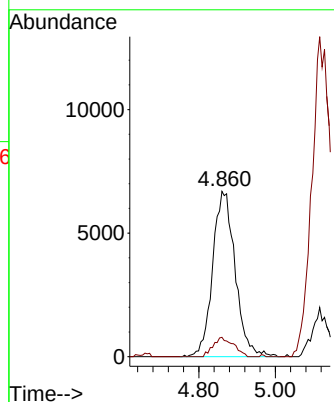
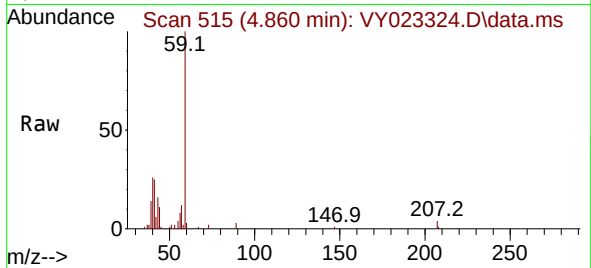




#11
Tert butyl alcohol
Concen: 107.356 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

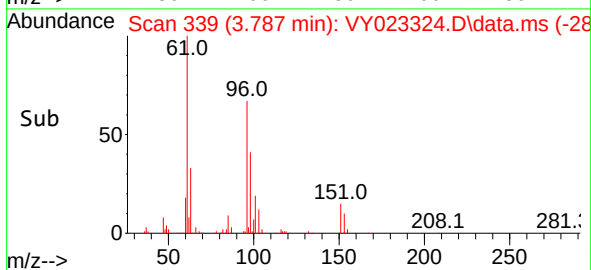
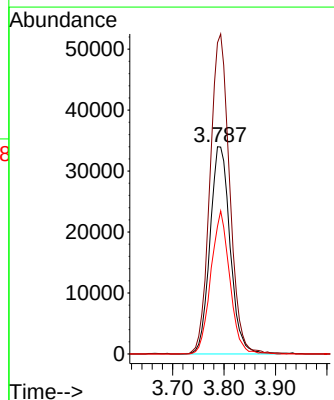
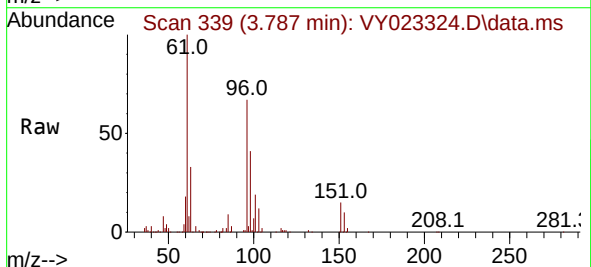
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

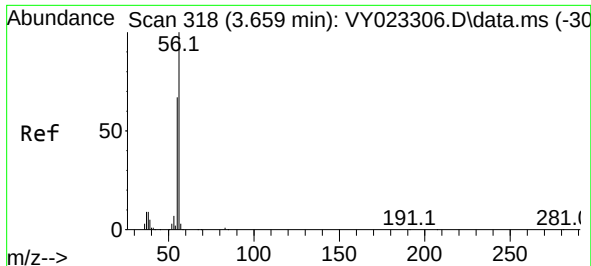
Tgt Ion: 59 Resp: 27385
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0



#12
1,1-Dichloroethene
Concen: 19.492 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 96 Resp: 92477
Ion Ratio Lower Upper
96 100
61 150.2 129.4 194.2
98 61.5 52.8 79.2

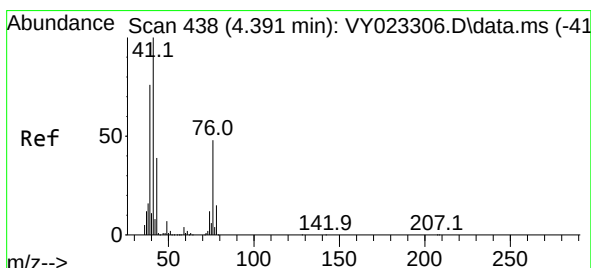
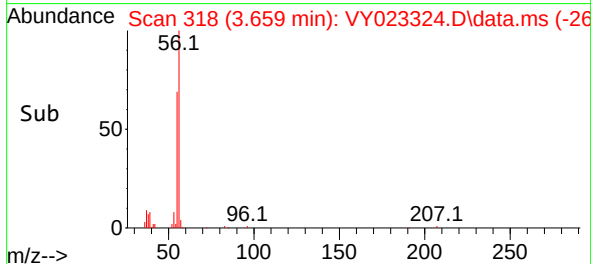
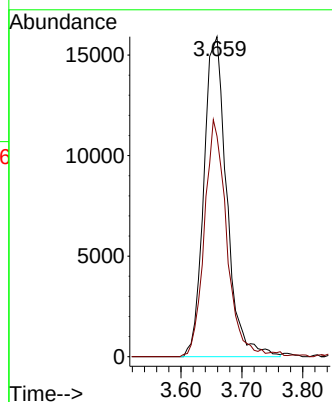
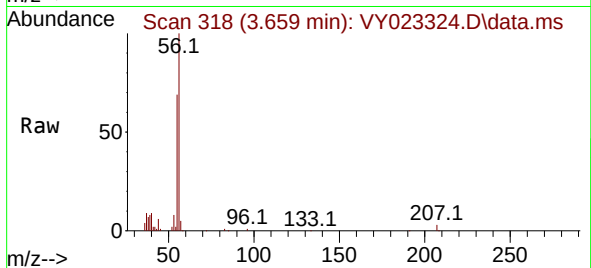




#13
Acrolein
Concen: 96.319 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

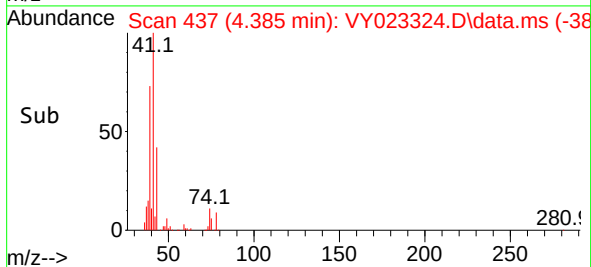
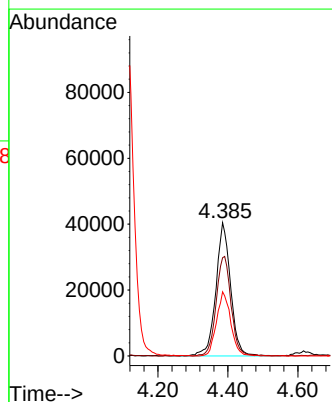
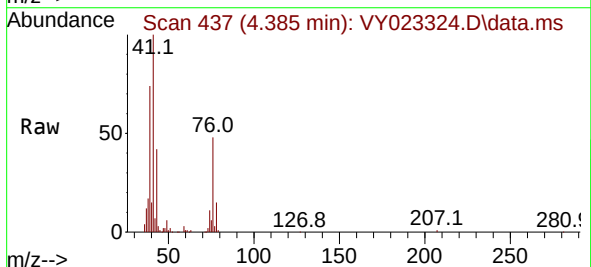
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

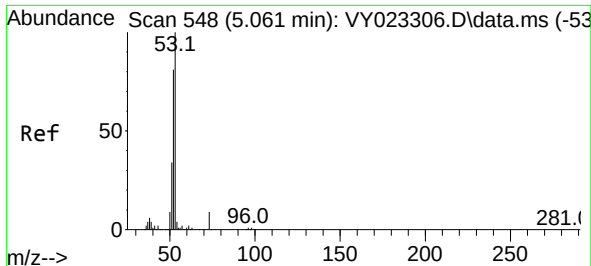
Tgt Ion: 56 Resp: 41537
Ion Ratio Lower Upper
56 100
55 72.1 55.2 82.8



#14
Allyl chloride
Concen: 19.790 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 41 Resp: 118610
Ion Ratio Lower Upper
41 100
39 75.4 59.8 89.6
76 46.0 33.7 50.5

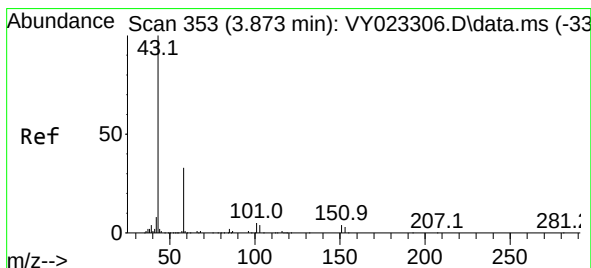
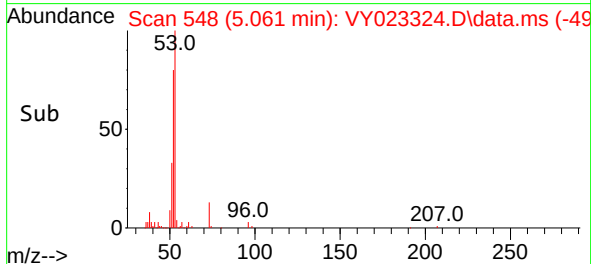
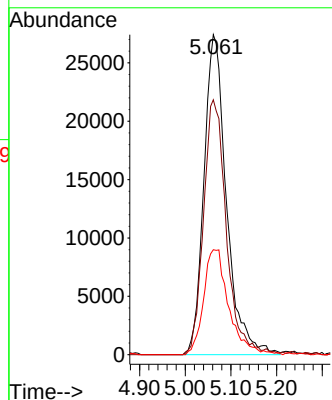
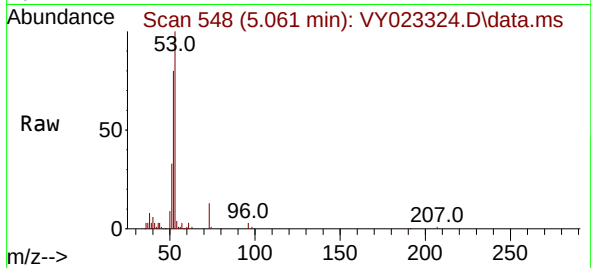




#15
Acrylonitrile
Concen: 98.366 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

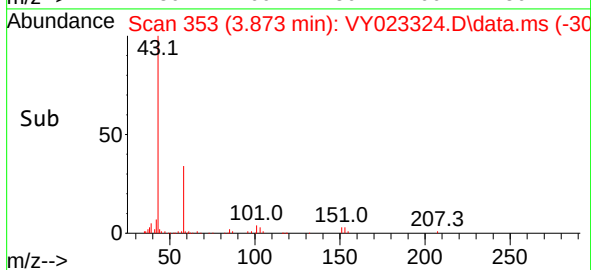
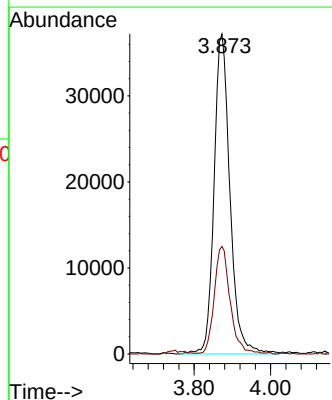
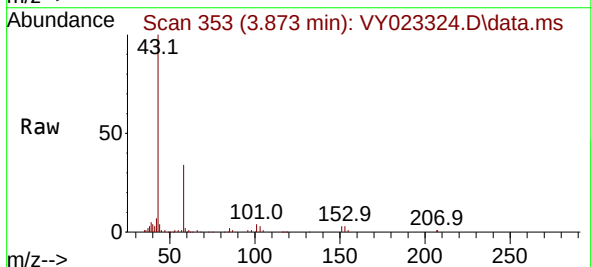
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

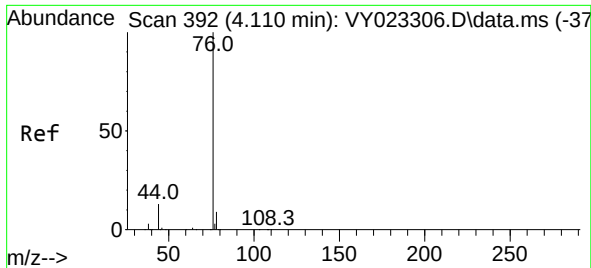
Tgt Ion: 53 Resp: 93964
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 36.7 29.5 44.3



#16
Acetone
Concen: 106.821 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 43 Resp: 107417
Ion Ratio Lower Upper
43 100
58 33.3 27.1 40.7

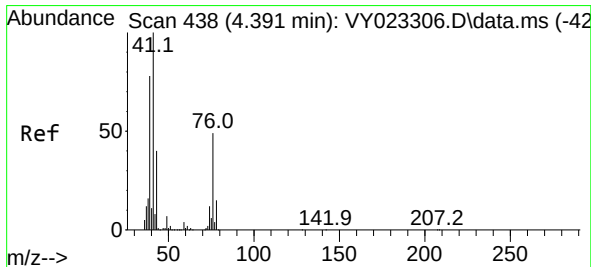
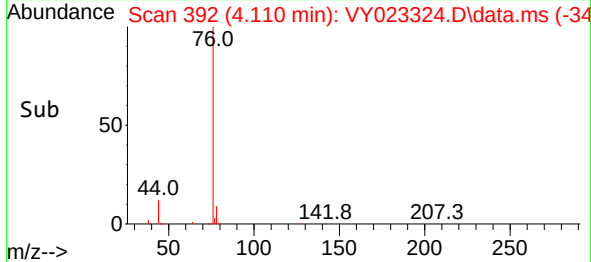
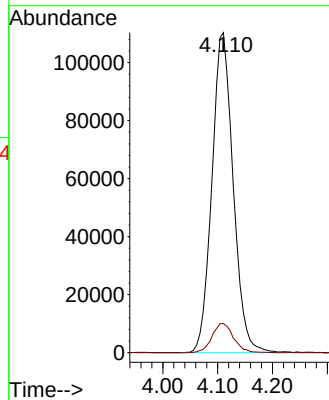
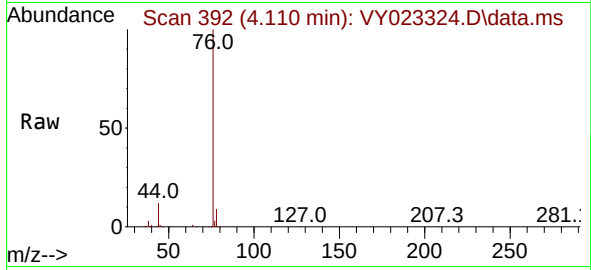




#17
Carbon Disulfide
Concen: 19.764 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

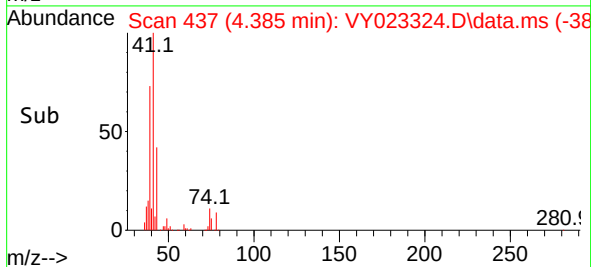
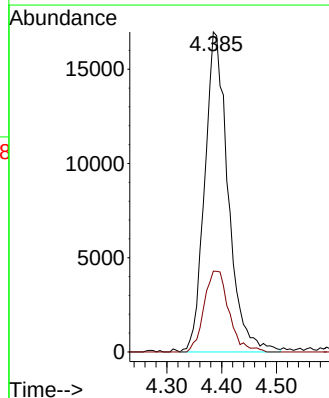
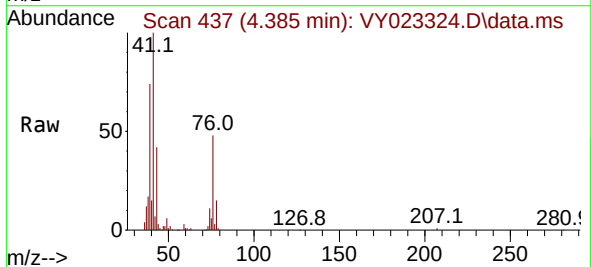
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

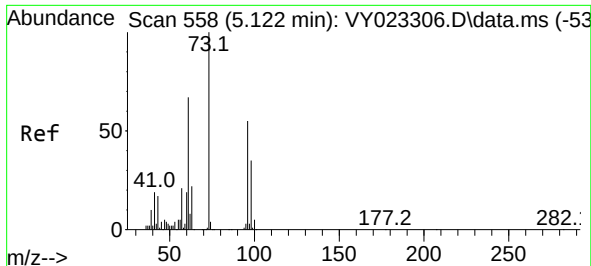
Tgt Ion: 76 Resp: 296875
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 20.425 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 43 Resp: 50383
Ion Ratio Lower Upper
43 100
74 26.8 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 19.814 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

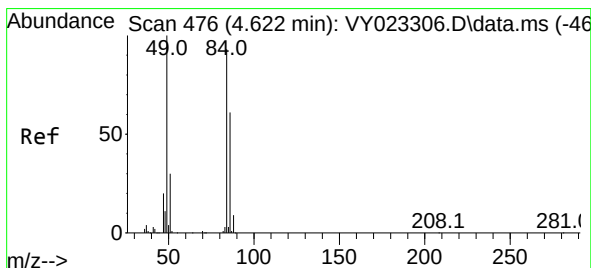
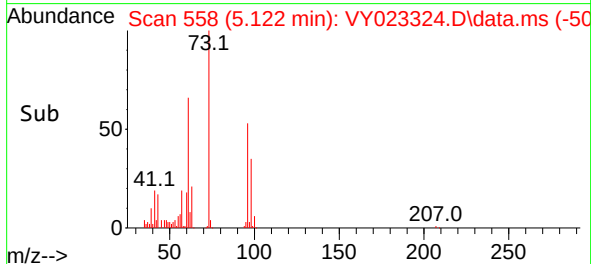
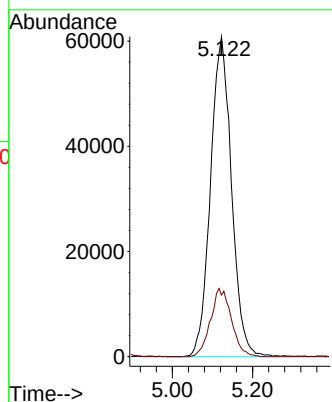
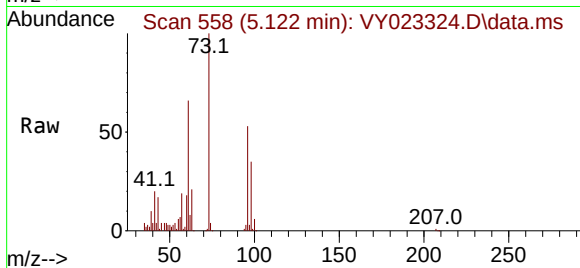
VY0910SBS01

Tgt Ion: 73 Resp: 221043

Ion Ratio Lower Upper

73 100

57 19.3 17.1 25.7



#20

Methylene Chloride

Concen: 22.317 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Tgt Ion: 84 Resp: 120067

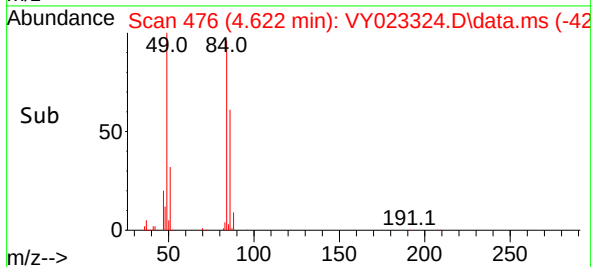
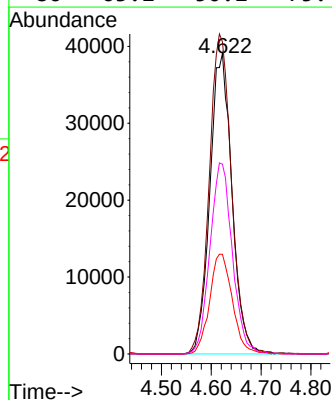
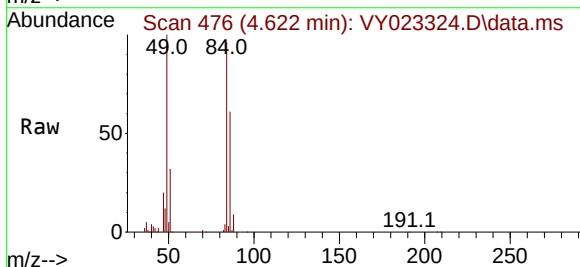
Ion Ratio Lower Upper

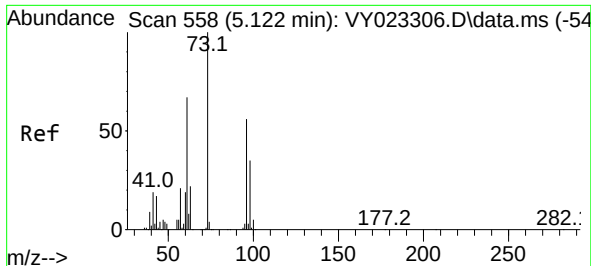
84 100

49 103.9 93.0 139.6

51 33.2 29.0 43.4

86 63.2 50.2 75.4

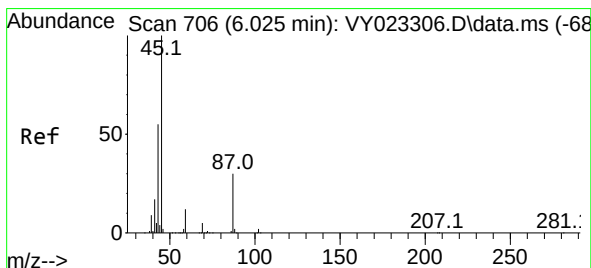
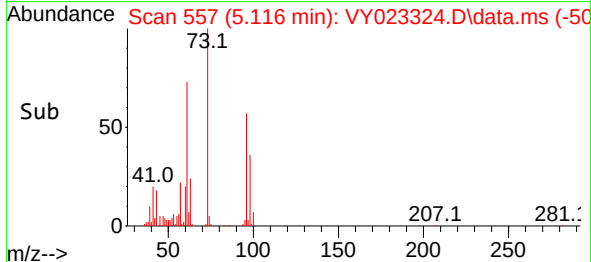
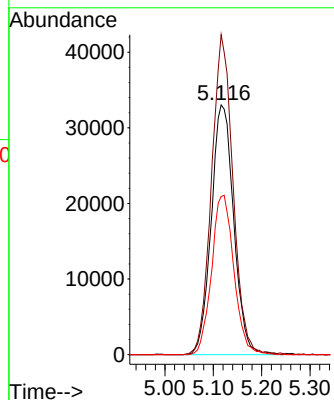
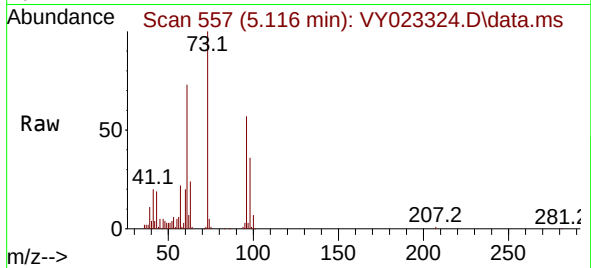




#21
trans-1,2-Dichloroethene
Concen: 20.089 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

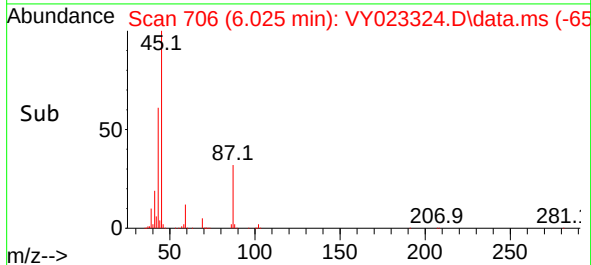
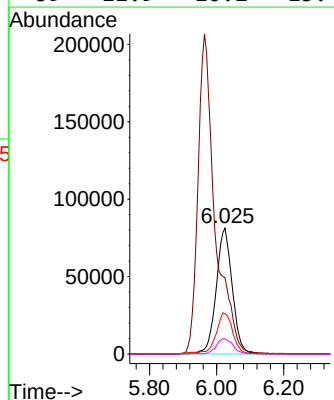
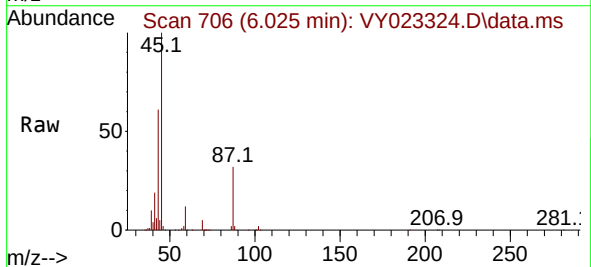
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

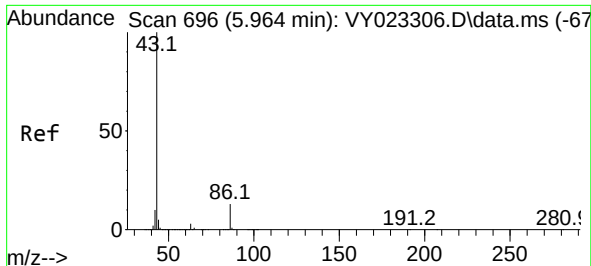
Tgt Ion: 96 Resp: 106494
Ion Ratio Lower Upper
96 100
61 128.1 104.8 157.2
98 63.3 50.1 75.1



#22
Diisopropyl ether
Concen: 20.194 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 45 Resp: 269535
Ion Ratio Lower Upper
45 100
43 60.5 43.4 65.0
87 32.1 24.4 36.6
59 11.9 10.2 15.4

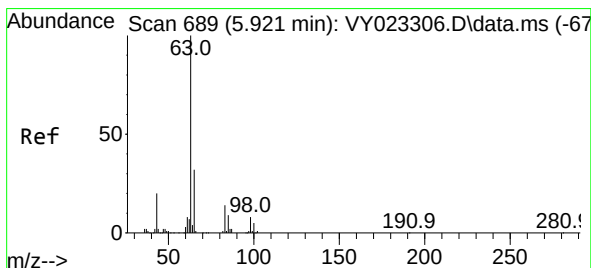
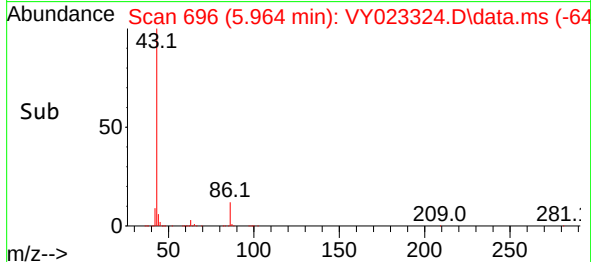
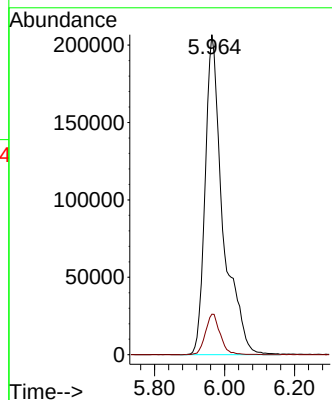
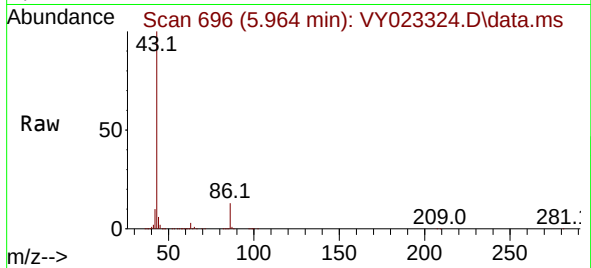




#23
 Vinyl Acetate
 Concen: 98.733 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023324.D
 Acq: 10 Sep 2025 10:33

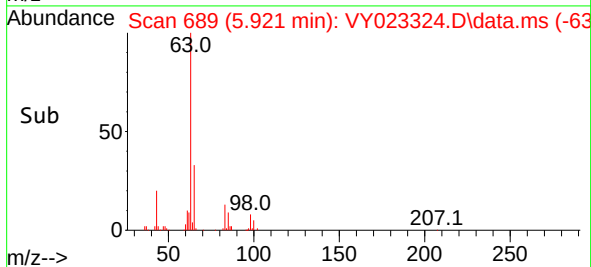
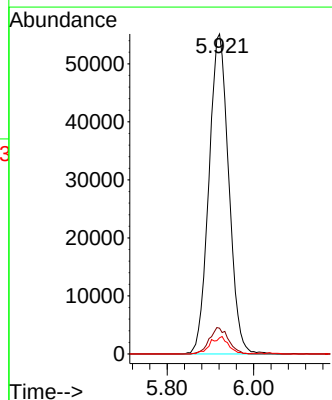
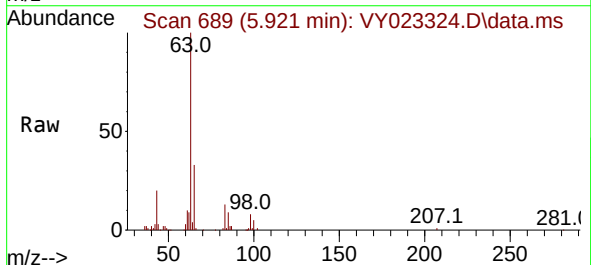
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBSD01

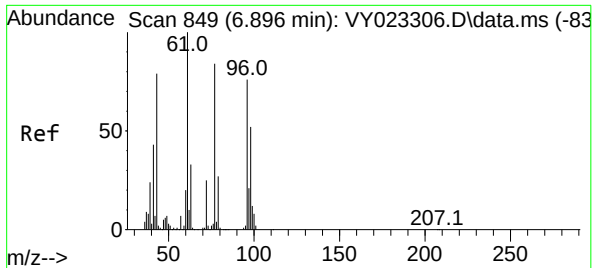
Tgt Ion: 43 Resp: 728549
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.066 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023324.D
 Acq: 10 Sep 2025 10:33

Tgt Ion: 63 Resp: 175181
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 104.205 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

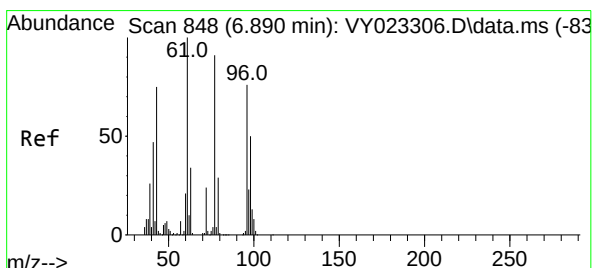
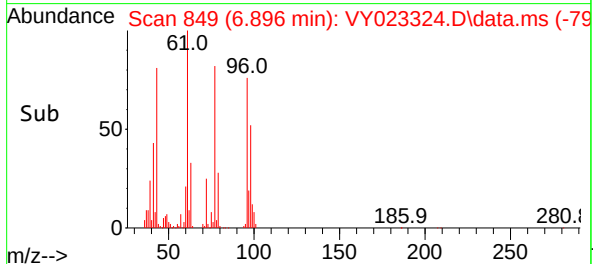
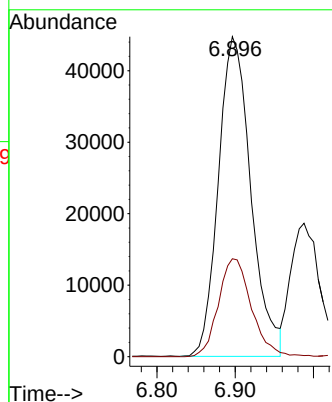
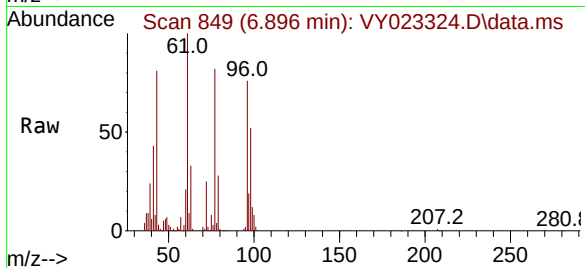
VY0910SBS01

Tgt Ion: 43 Resp: 128969

Ion Ratio Lower Upper

43 100

72 30.7 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.289 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023324.D

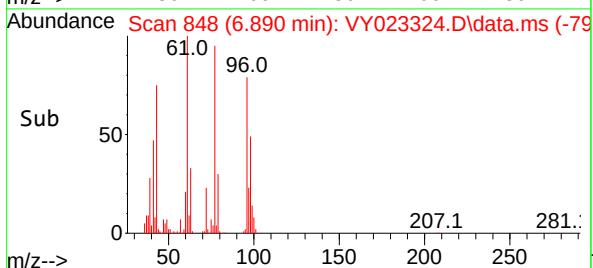
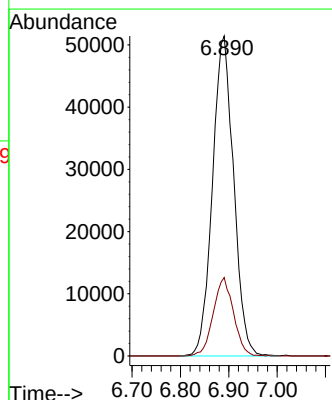
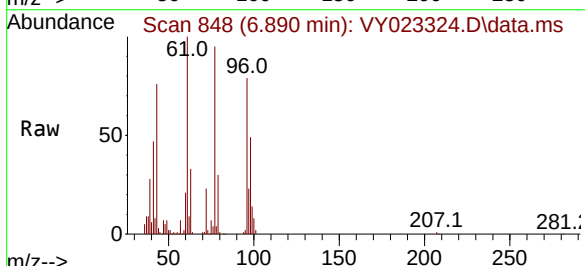
Acq: 10 Sep 2025 10:33

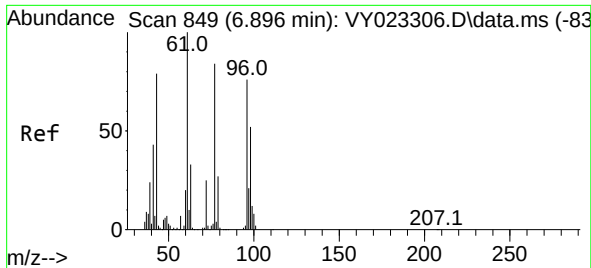
Tgt Ion: 77 Resp: 156397

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8

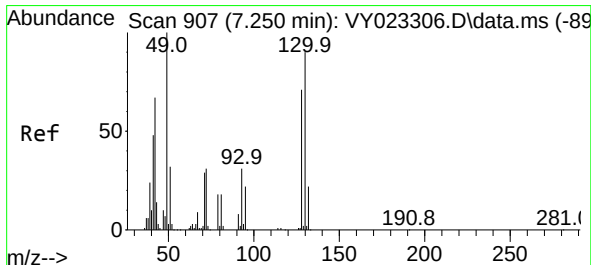
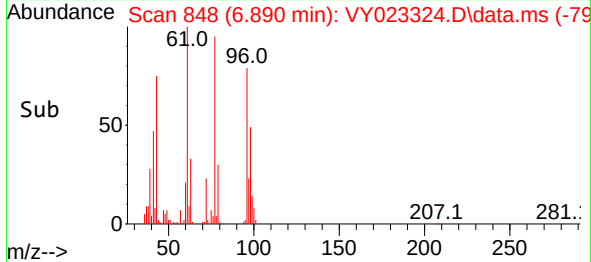
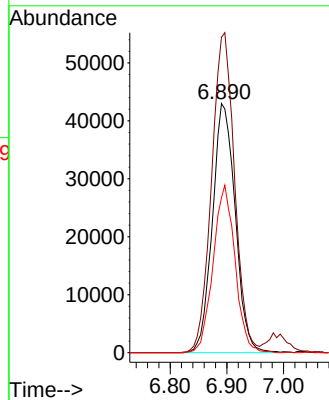
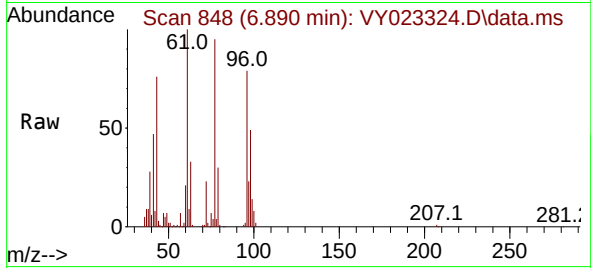




#27
 cis-1,2-Dichloroethene
 Concen: 20.024 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY023324.D
 Acq: 10 Sep 2025 10:33

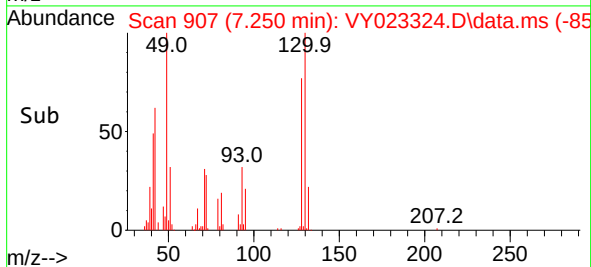
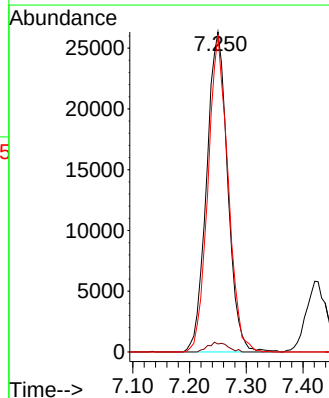
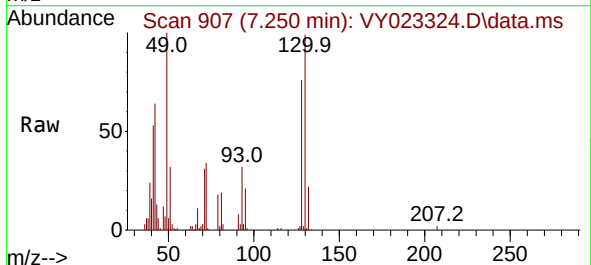
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBSD01

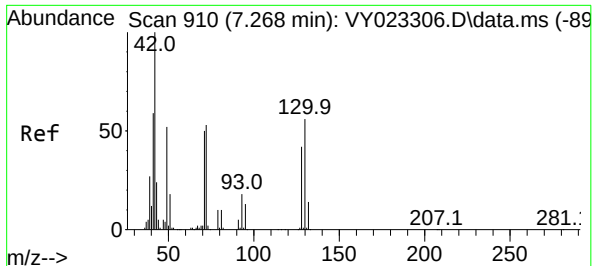
Tgt Ion: 96 Resp: 120207
 Ion Ratio Lower Upper
 96 100
 61 129.5 0.0 278.6
 98 64.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 19.758 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023324.D
 Acq: 10 Sep 2025 10:33

Tgt Ion: 49 Resp: 67872
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.2
 130 94.2 66.4 99.6





#29

Tetrahydrofuran

Concen: 99.075 ug/l

RT: 7.262 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

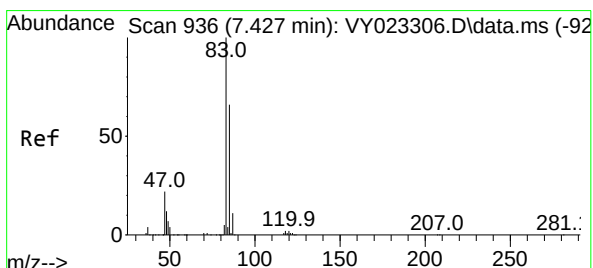
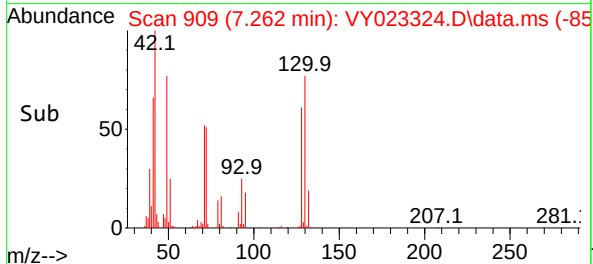
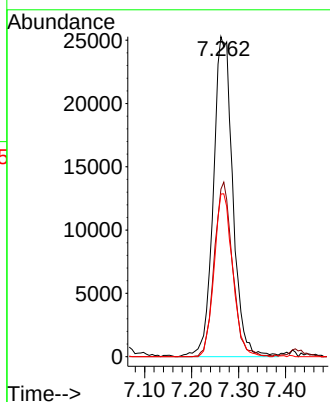
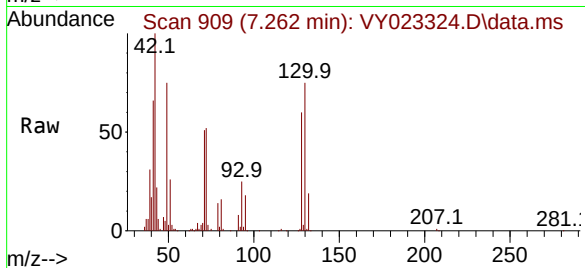
Tgt Ion: 42 Resp: 72731

Ion Ratio Lower Upper

42 100

72 51.1 39.4 59.2

71 48.5 36.5 54.7



#30

Chloroform

Concen: 20.079 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023324.D

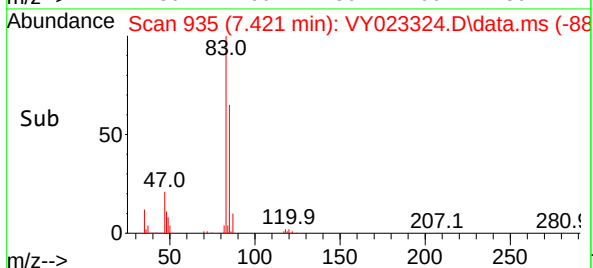
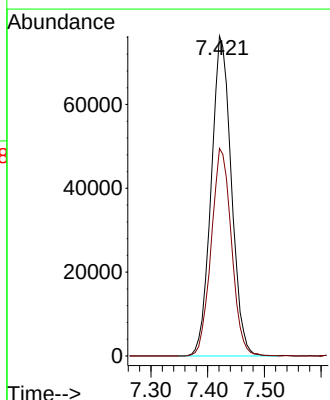
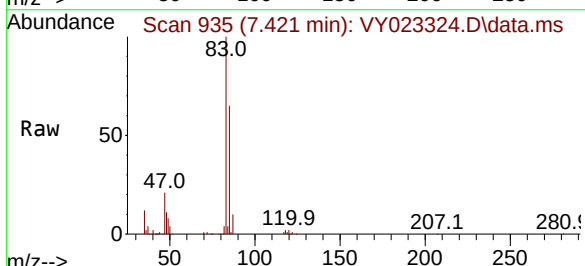
Acq: 10 Sep 2025 10:33

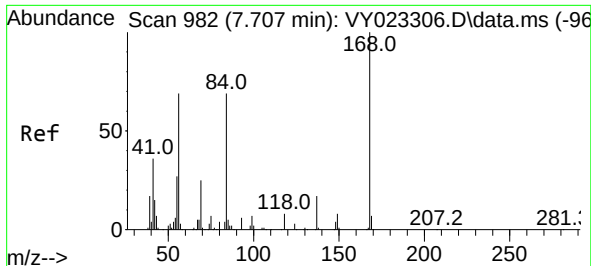
Tgt Ion: 83 Resp: 188351

Ion Ratio Lower Upper

83 100

85 64.9 53.8 80.8

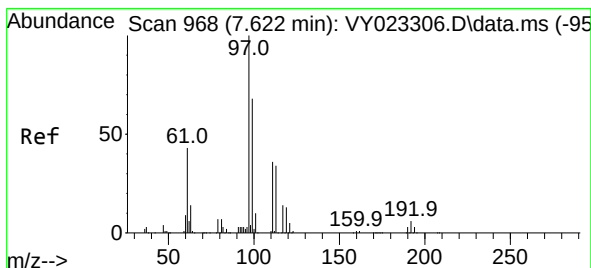
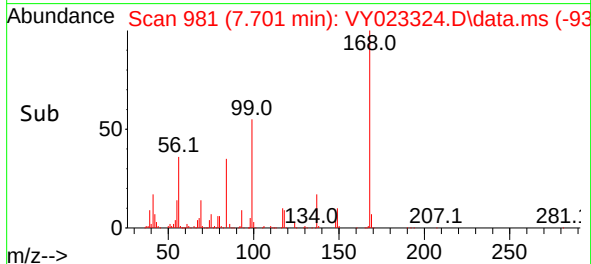
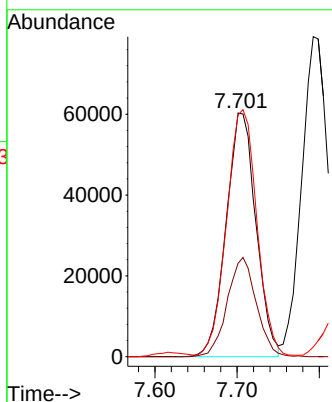
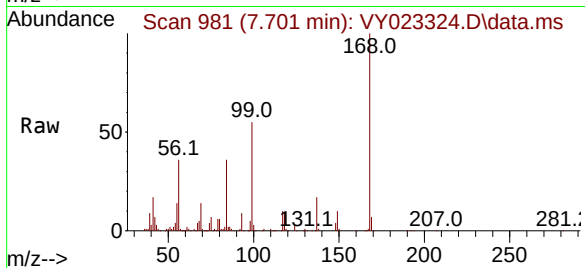




#31
Cyclohexane
Concen: 19.732 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

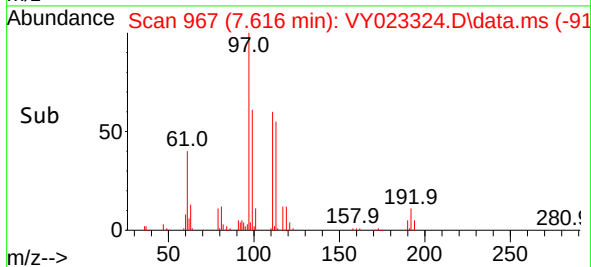
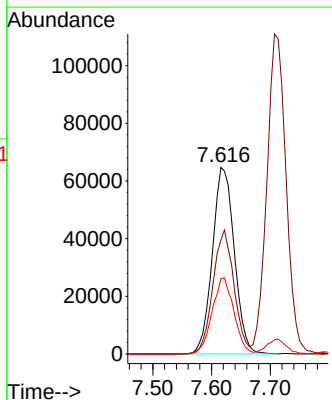
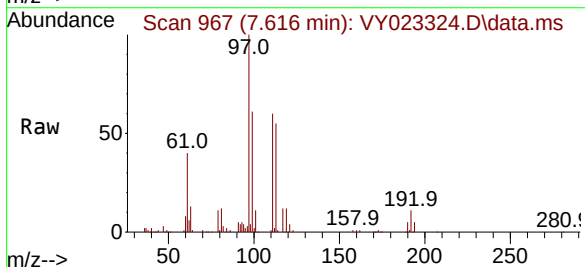
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

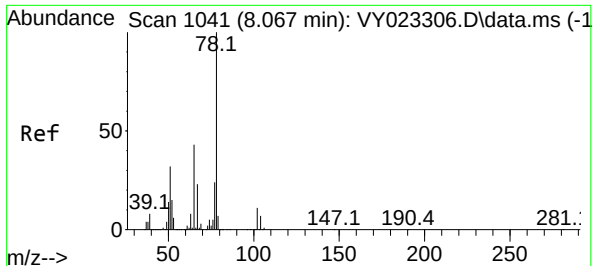
Tgt Ion: 56 Resp: 152437
Ion Ratio Lower Upper
56 100
69 38.3 28.2 42.2
84 97.7 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.039 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 97 Resp: 167942
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 40.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.280 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

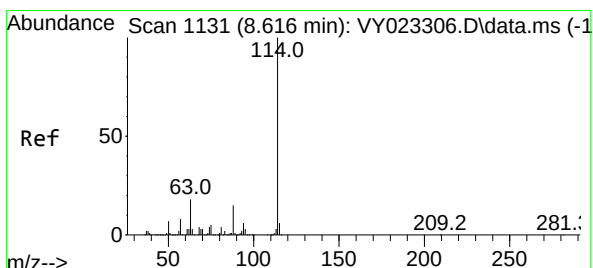
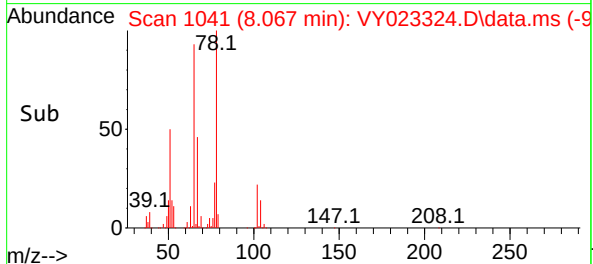
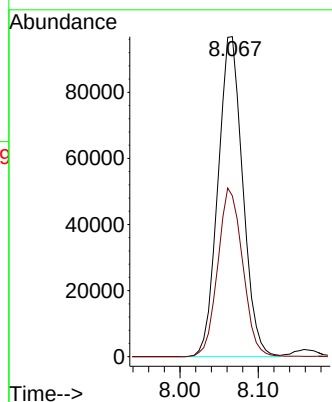
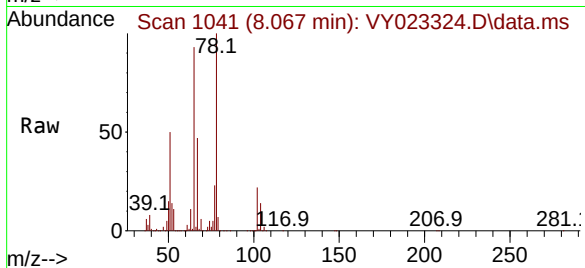
VY0910SBSD01

Tgt Ion: 65 Resp: 213138

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

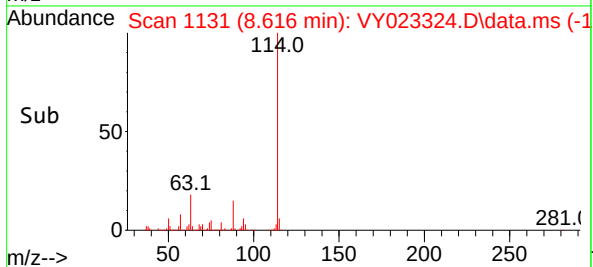
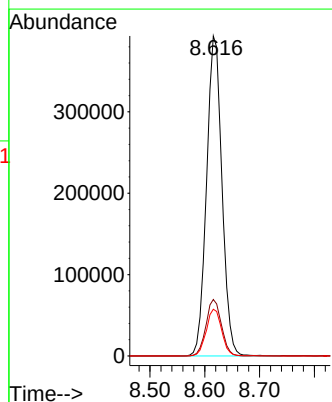
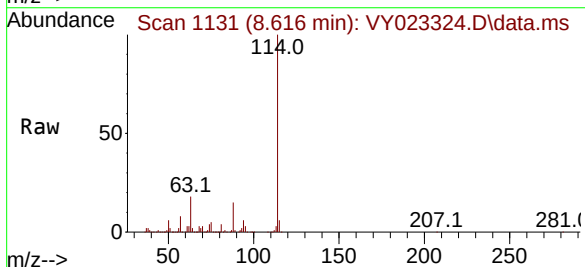
Tgt Ion: 114 Resp: 765892

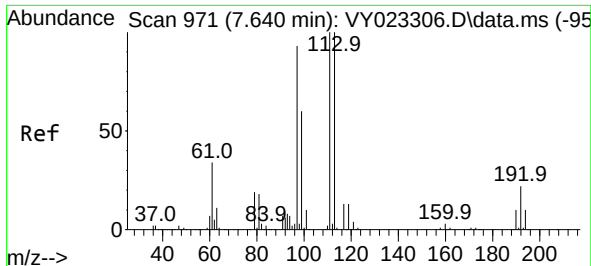
Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.4

88 14.6 0.0 30.0

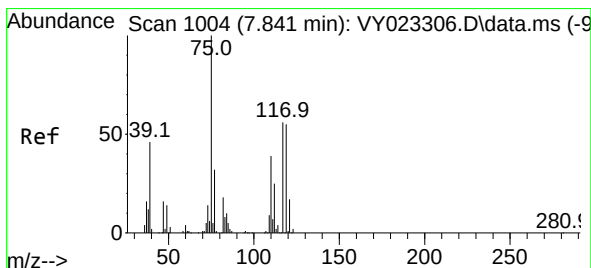
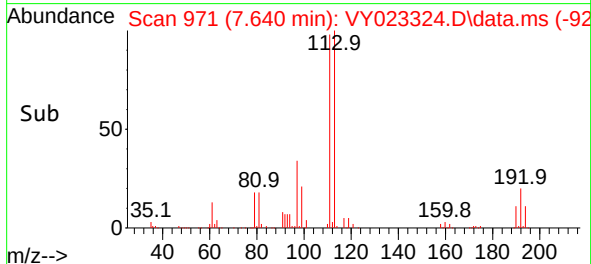
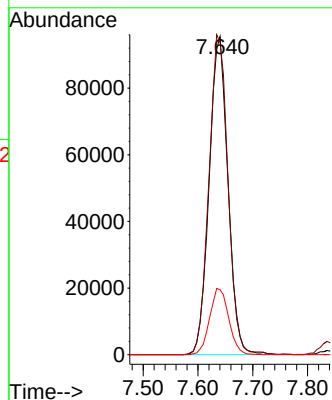
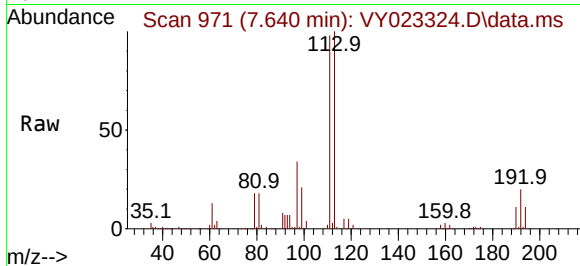




#35
Dibromofluoromethane
Concen: 48.498 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

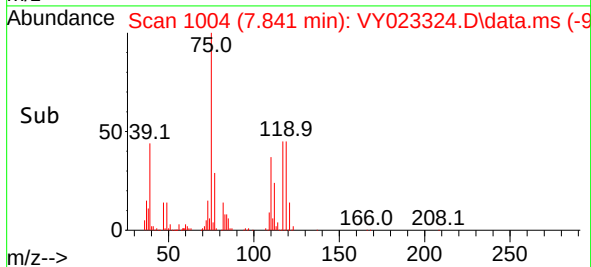
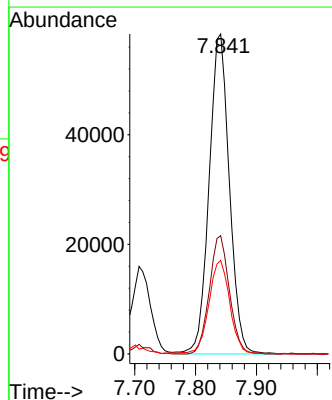
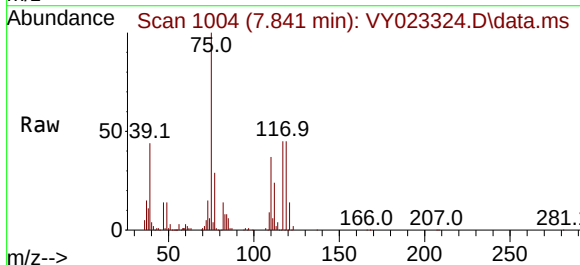
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

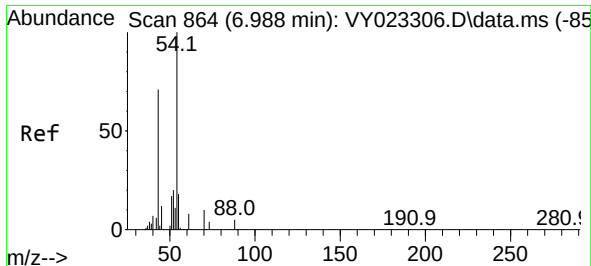
Tgt Ion:113 Resp: 227052
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 21.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.233 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 75 Resp: 134914
Ion Ratio Lower Upper
75 100
110 36.6 18.1 54.4
77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 18.946 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

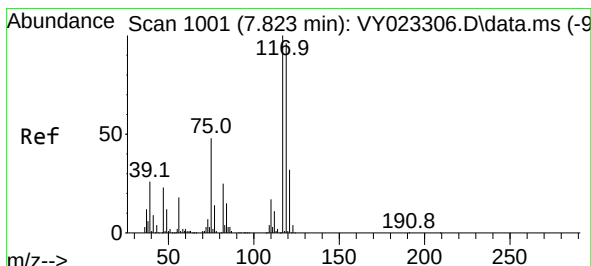
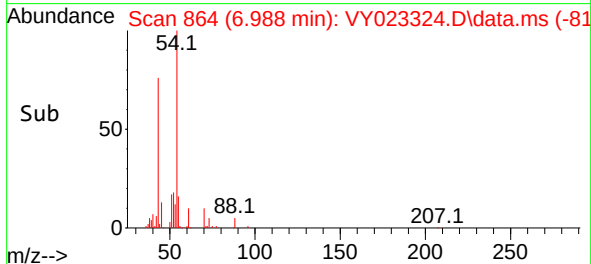
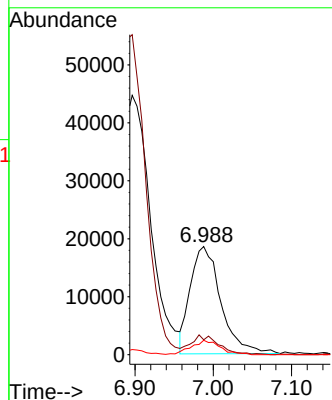
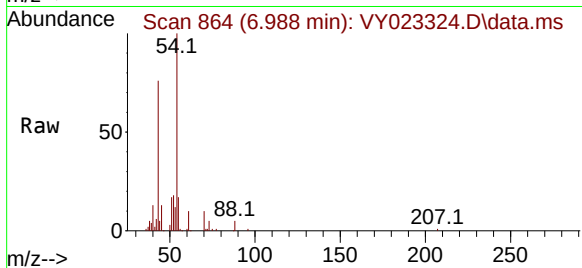
Tgt Ion: 43 Resp: 50254

Ion Ratio Lower Upper

43 100

61 16.9 11.9 17.9

70 12.6 8.8 13.2



#38

Carbon Tetrachloride

Concen: 19.694 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

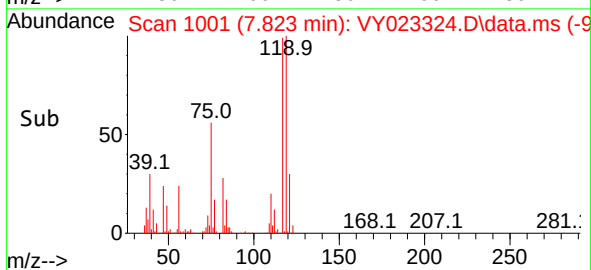
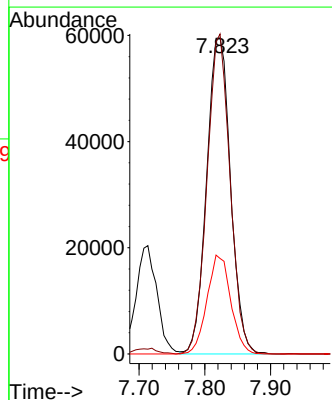
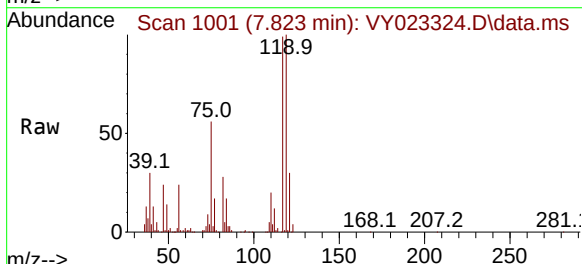
Tgt Ion: 117 Resp: 151104

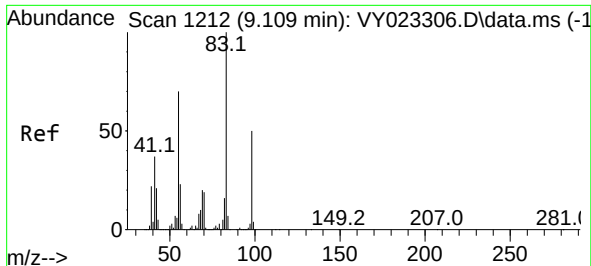
Ion Ratio Lower Upper

117 100

119 101.3 75.6 113.4

121 30.2 25.8 38.8





#39

Methylcyclohexane

Concen: 19.600 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBSD01

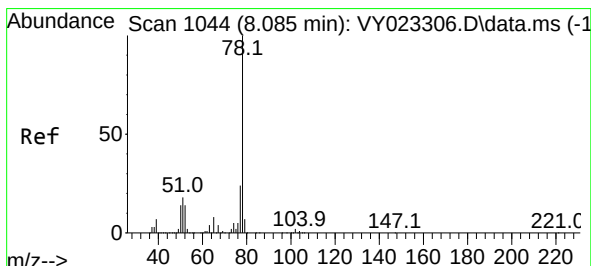
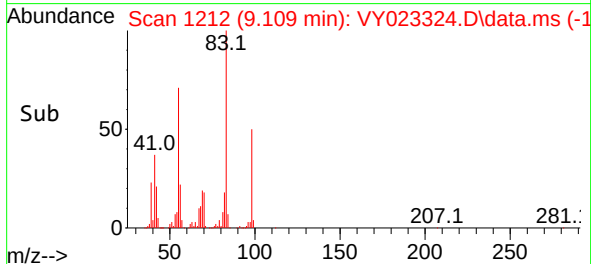
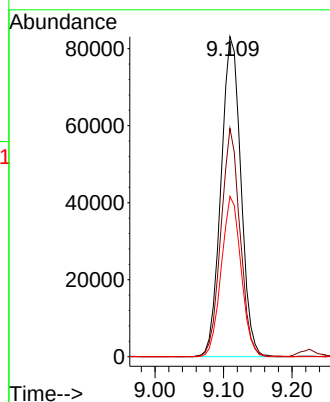
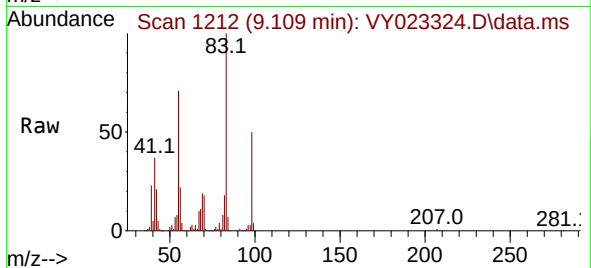
Tgt Ion: 83 Resp: 167195

Ion Ratio Lower Upper

83 100

55 71.4 57.6 86.4

98 50.0 39.2 58.8



#40

Benzene

Concen: 20.281 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023324.D

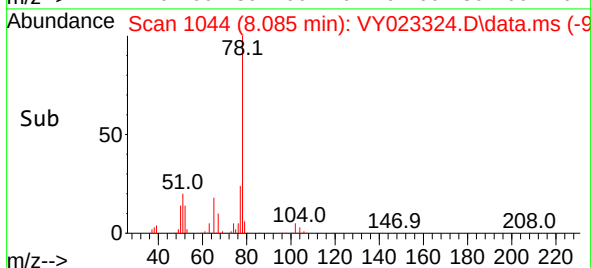
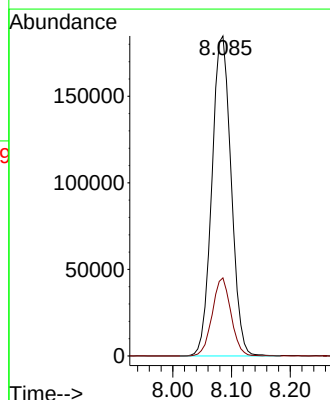
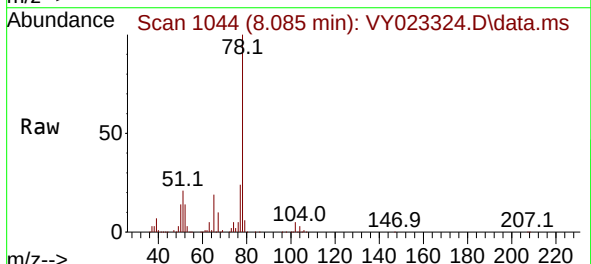
Acq: 10 Sep 2025 10:33

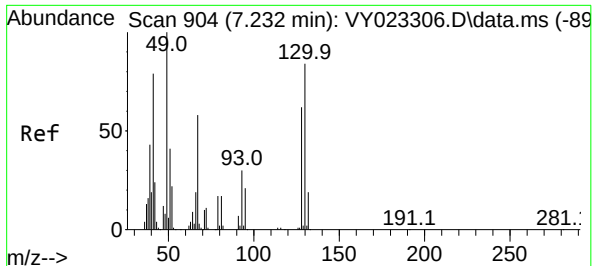
Tgt Ion: 78 Resp: 420339

Ion Ratio Lower Upper

78 100

77 24.4 18.6 28.0

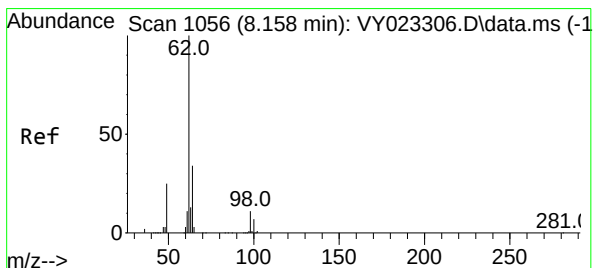
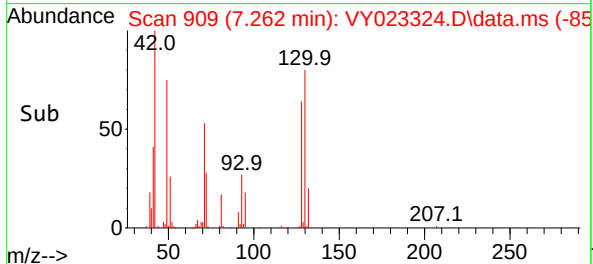
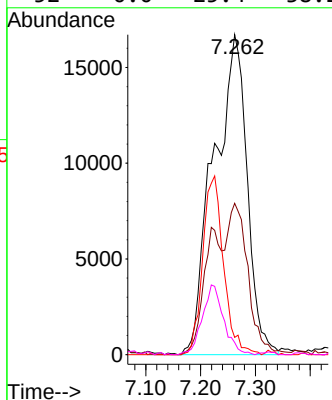
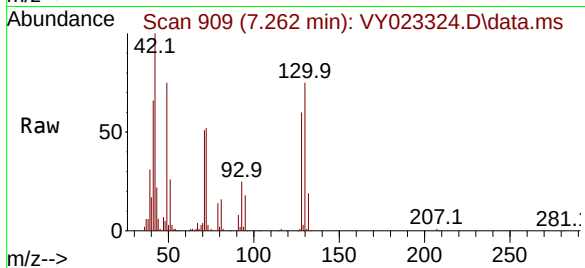




#41
Methacrylonitrile
Concen: 51.553 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

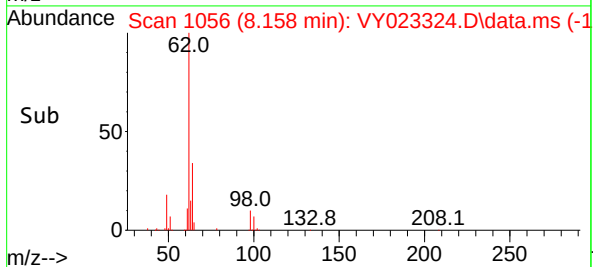
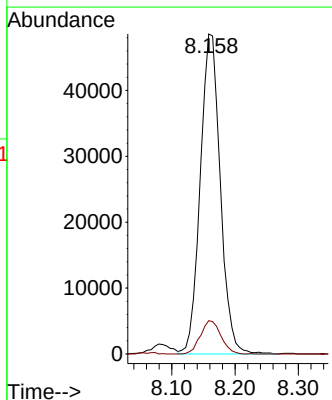
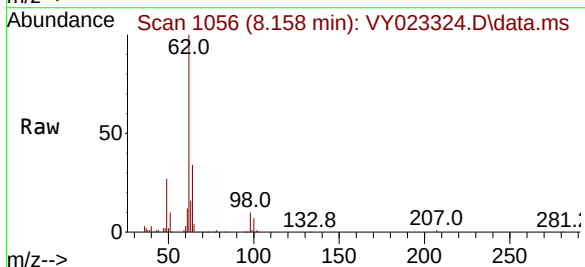
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

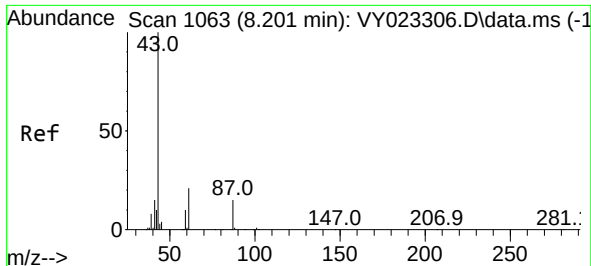
Tgt Ion: 41 Resp: 70813
Ion Ratio Lower Upper
41 100
39 28.4 43.4 65.2#
67 0.0 63.6 95.4#
52 0.0 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 20.319 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 62 Resp: 107219
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.6

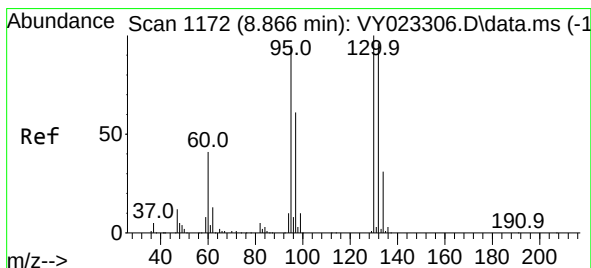
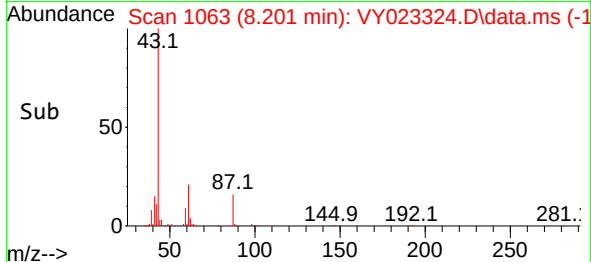
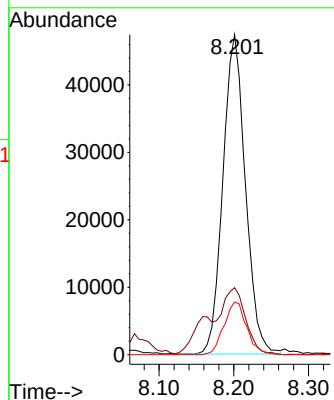
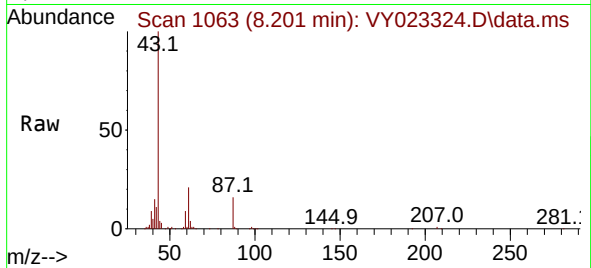




#43
Isopropyl Acetate
Concen: 19.242 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

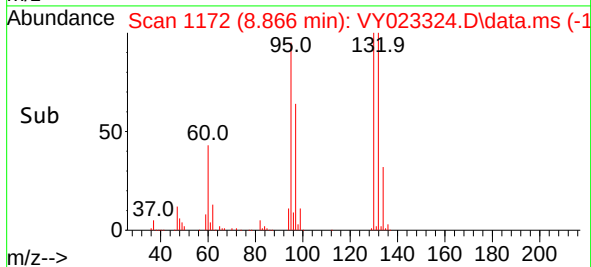
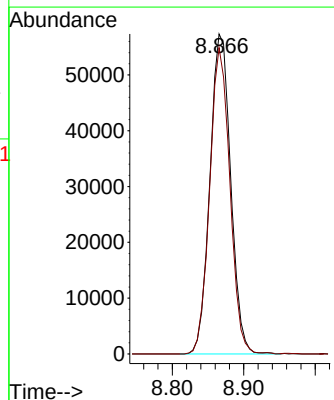
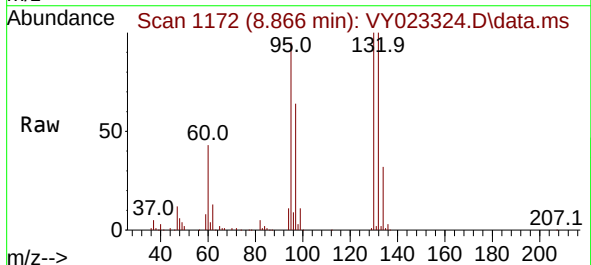
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

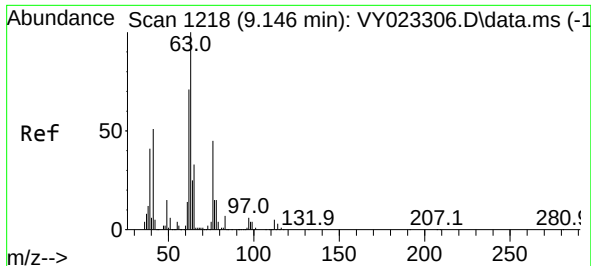
Tgt Ion: 43 Resp: 99268
Ion Ratio Lower Upper
43 100
61 23.2 16.4 24.6
87 16.6 11.8 17.6



#44
Trichloroethene
Concen: 20.063 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion:130 Resp: 115823
Ion Ratio Lower Upper
130 100
95 95.7 0.0 190.2





#45

1,2-Dichloropropane

Concen: 19.988 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

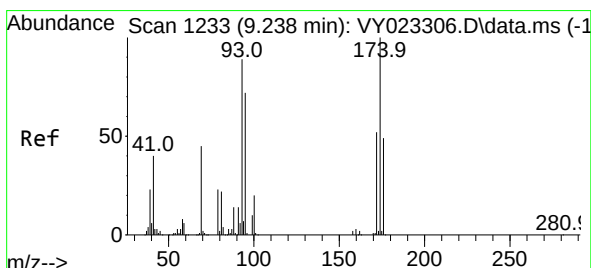
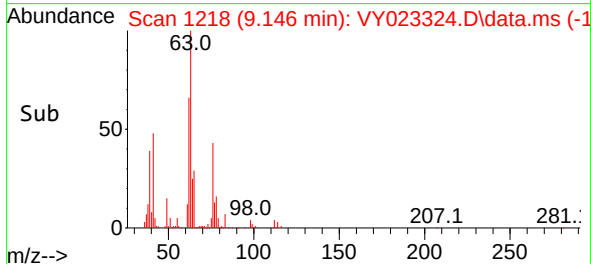
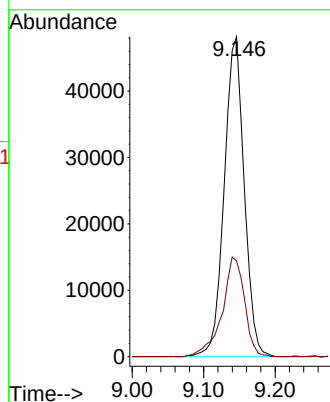
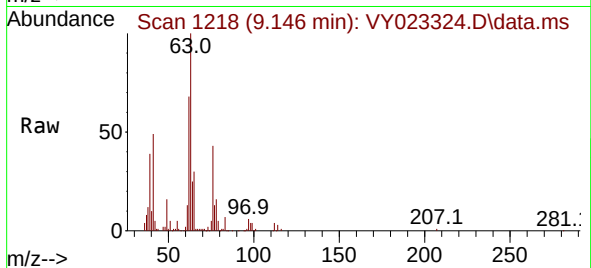
VY0910SBS01

Tgt Ion: 63 Resp: 93560

Ion Ratio Lower Upper

63 100

65 29.9 25.3 37.9



#46

Dibromomethane

Concen: 20.012 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

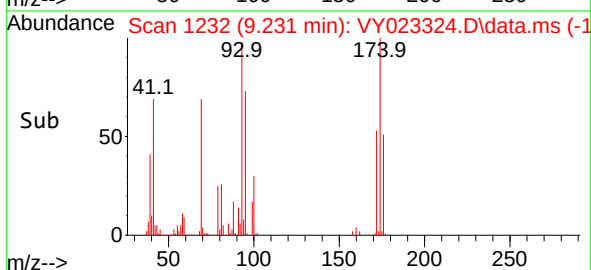
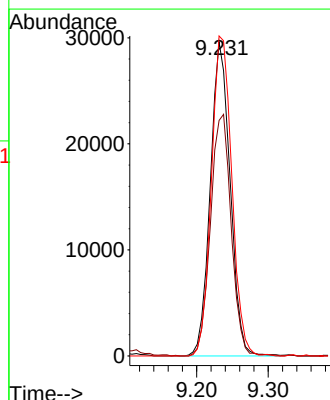
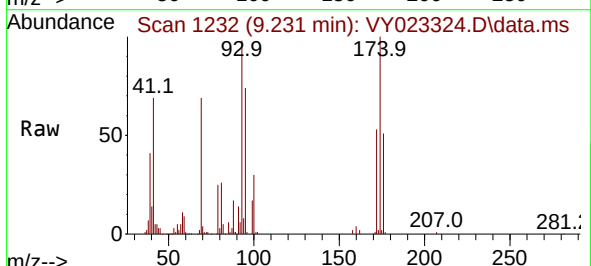
Tgt Ion: 93 Resp: 57045

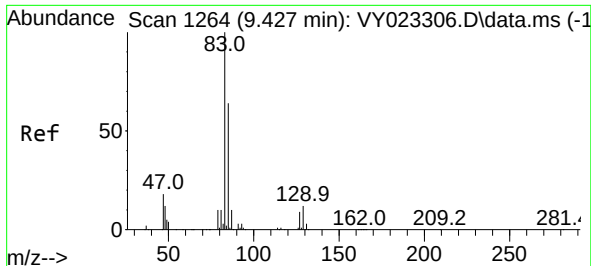
Ion Ratio Lower Upper

93 100

95 80.3 66.5 99.7

174 105.0 81.8 122.8

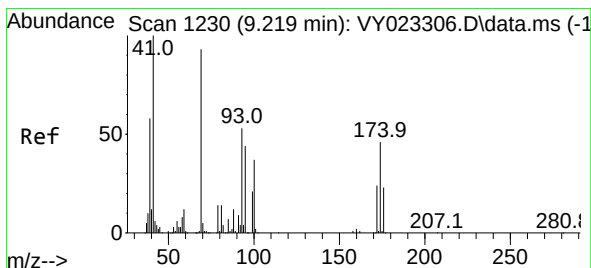
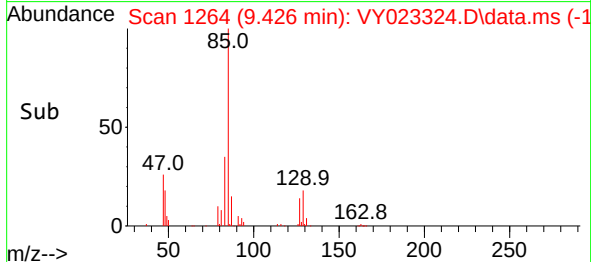
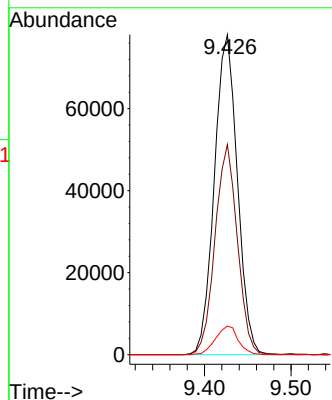
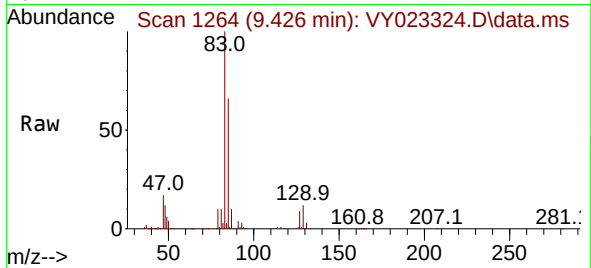




#47
Bromodichloromethane
Concen: 20.082 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

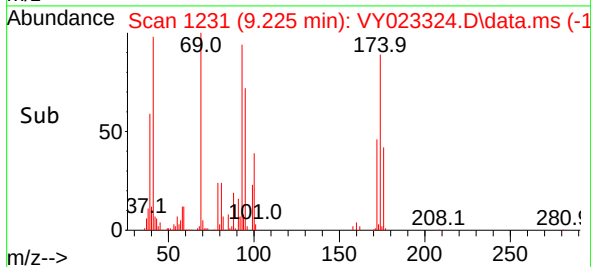
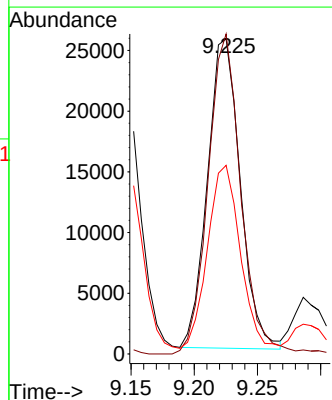
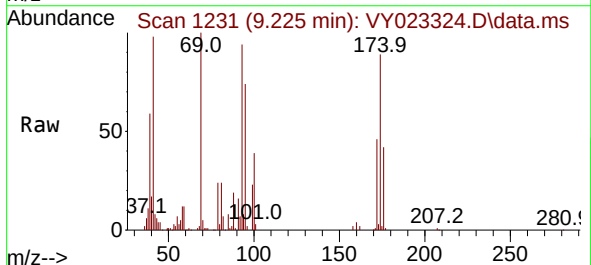
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

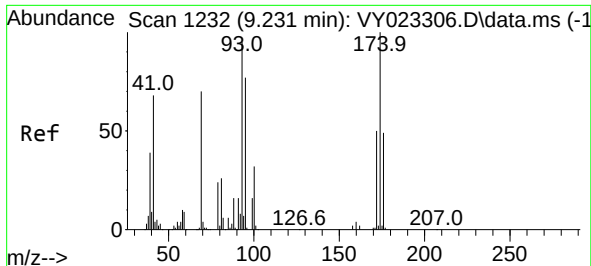
Tgt Ion: 83 Resp: 144019
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.4
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 19.145 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 41 Resp: 46038
Ion Ratio Lower Upper
41 100
69 103.6 73.2 109.8
39 59.2 47.0 70.4





#49

1,4-Dioxane

Concen: 417.020 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBSD01

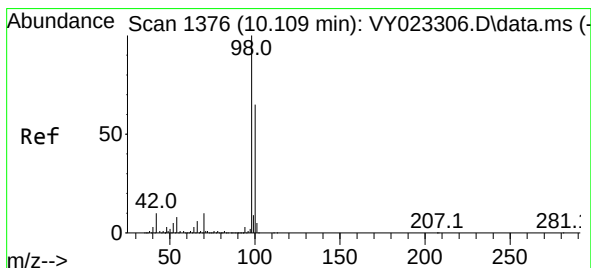
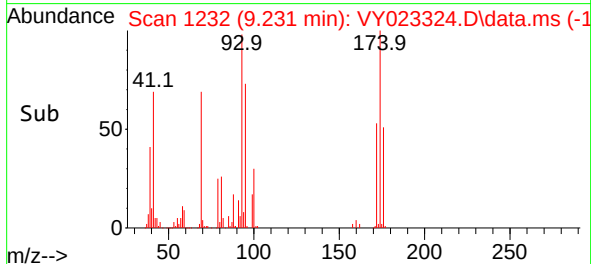
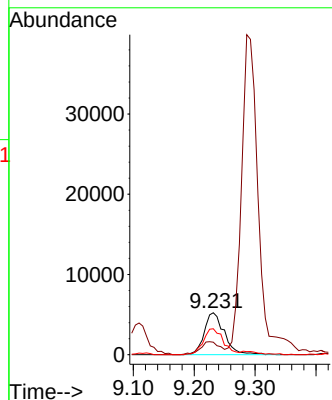
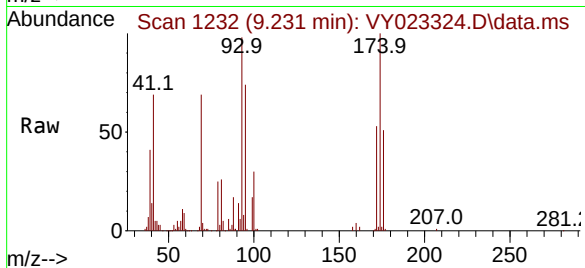
Tgt Ion: 88 Resp: 12067

Ion Ratio Lower Upper

88 100

43 29.7 24.3 36.5

58 61.2 55.4 83.0



#50

Toluene-d8

Concen: 49.044 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023324.D

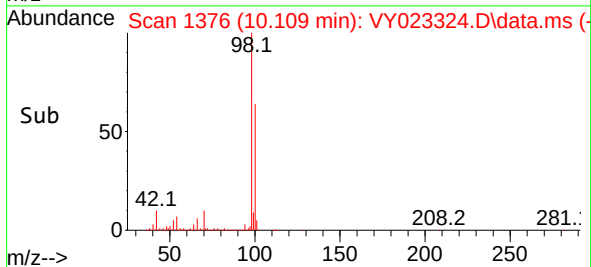
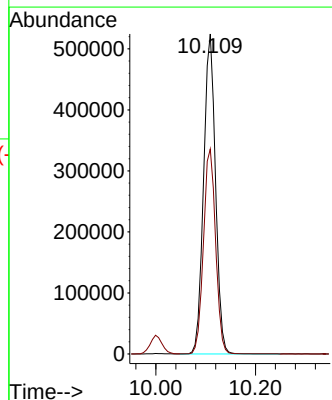
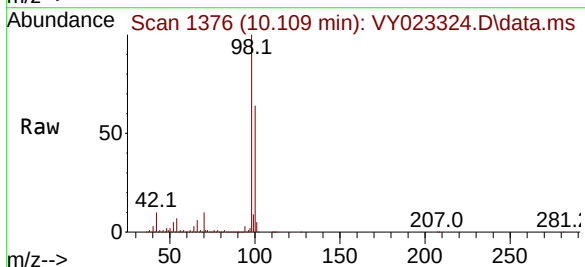
Acq: 10 Sep 2025 10:33

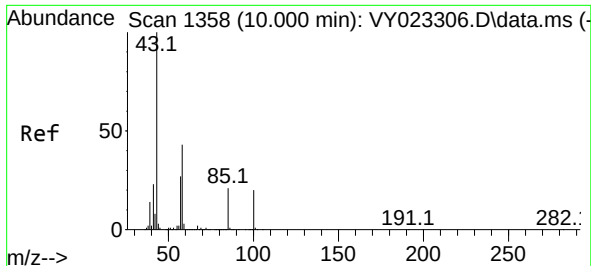
Tgt Ion: 98 Resp: 867003

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

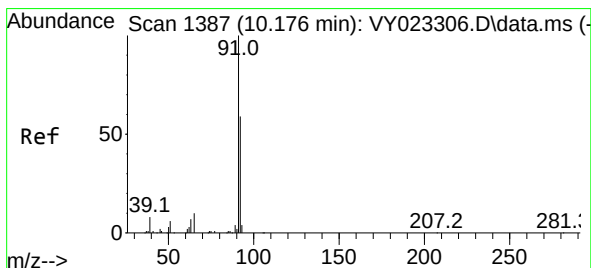
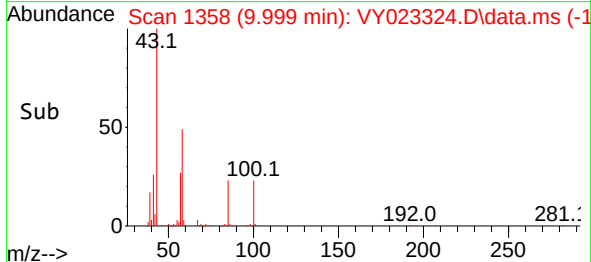
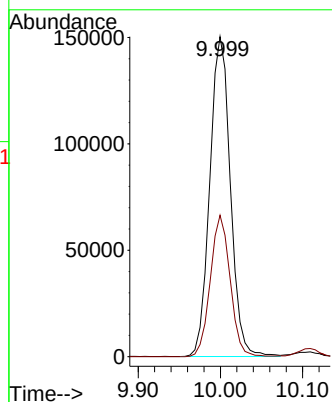
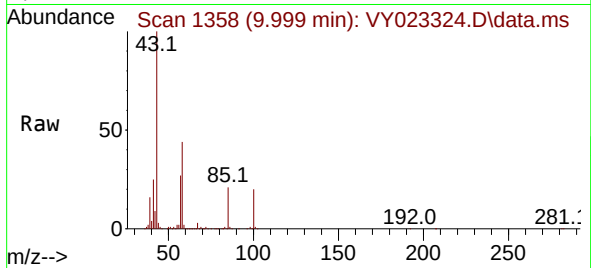




#51
4-Methyl-2-Pentanone
Concen: 99.007 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

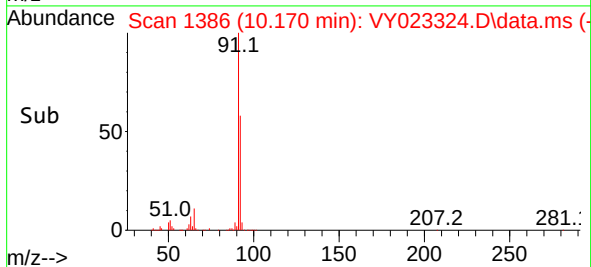
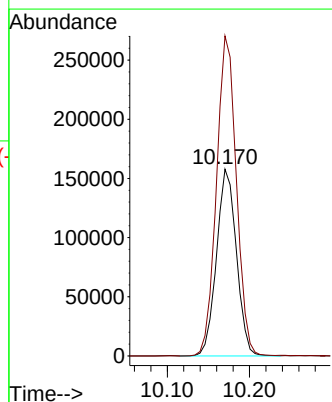
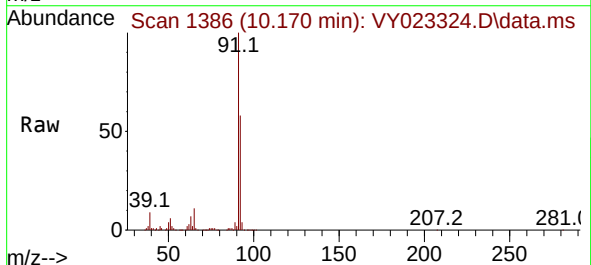
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

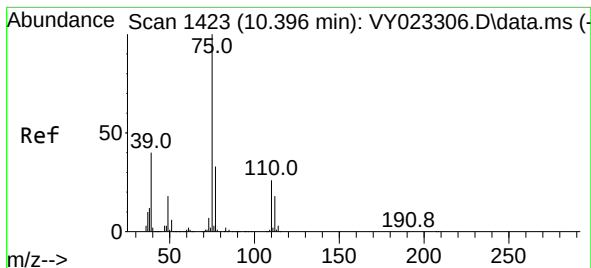
Tgt Ion: 43 Resp: 261316
Ion Ratio Lower Upper
43 100
58 42.6 33.5 50.3



#52
Toluene
Concen: 20.124 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 92 Resp: 264688
Ion Ratio Lower Upper
92 100
91 172.3 136.4 204.6

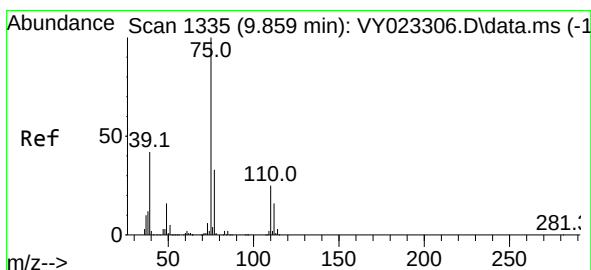
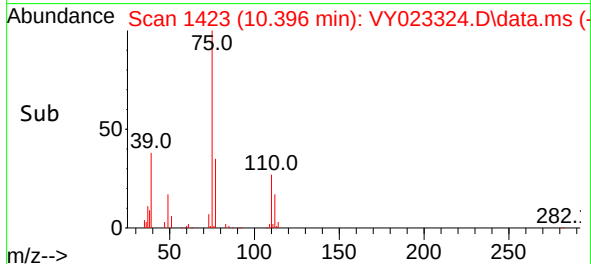
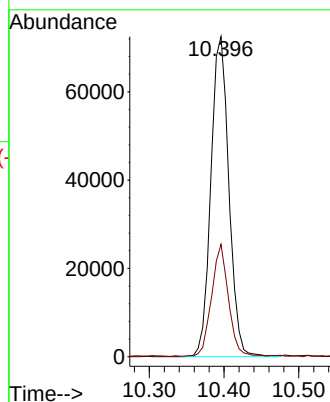
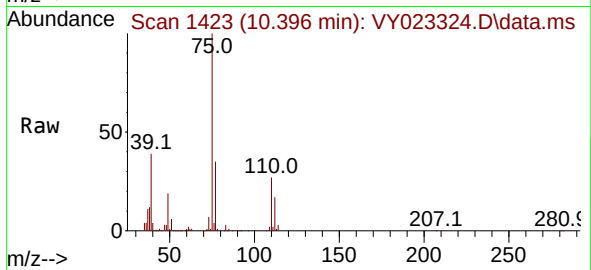




#53
t-1,3-Dichloropropene
Concen: 19.694 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

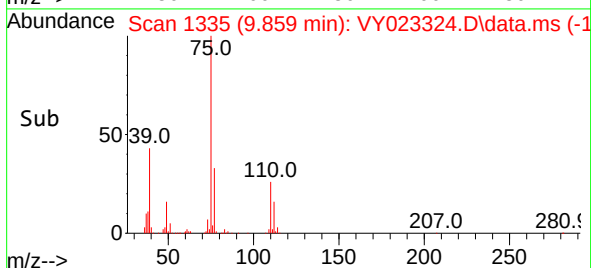
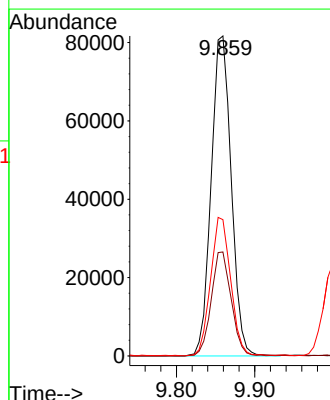
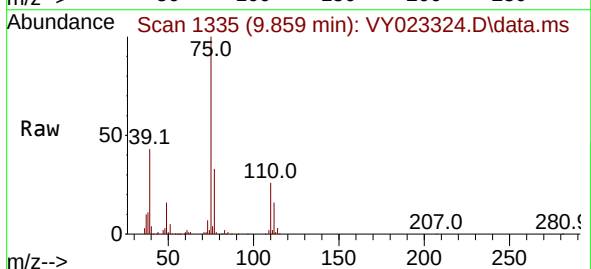
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

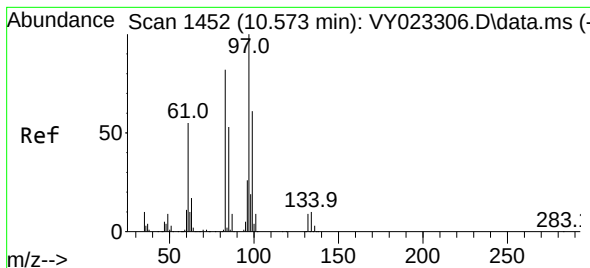
Tgt Ion: 75 Resp: 121598
Ion Ratio Lower Upper
75 100
77 35.0 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 19.700 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 75 Resp: 145341
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 42.5 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 20.089 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBSD01

Tgt Ion: 97 Resp: 76175

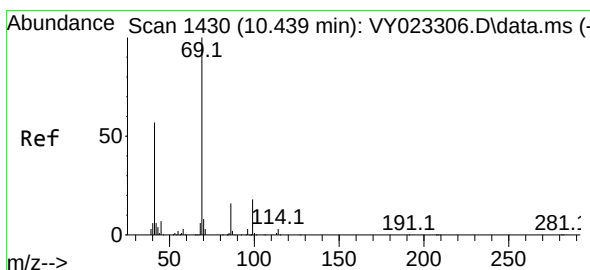
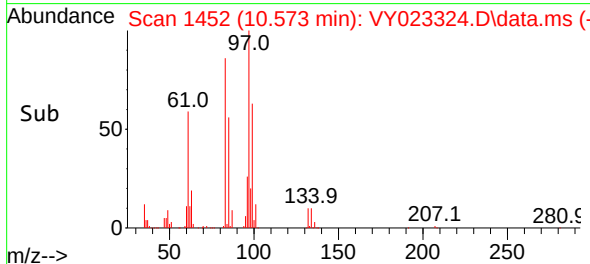
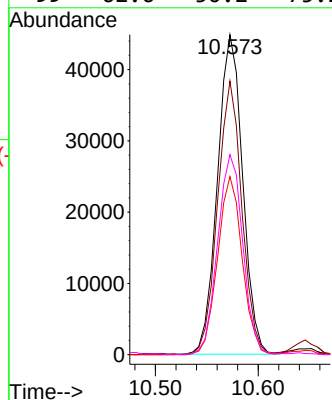
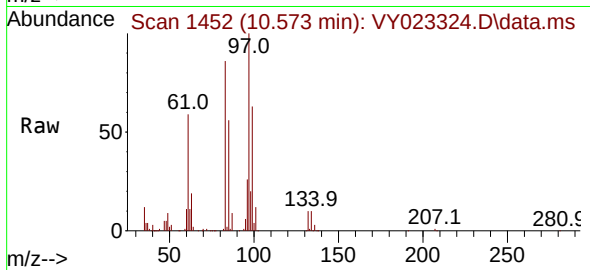
Ion Ratio Lower Upper

97 100

83 85.5 67.7 101.5

85 55.8 44.5 66.7

99 62.6 50.2 75.2



#56

Ethyl methacrylate

Concen: 18.989 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

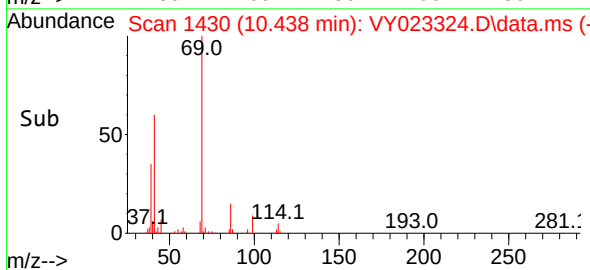
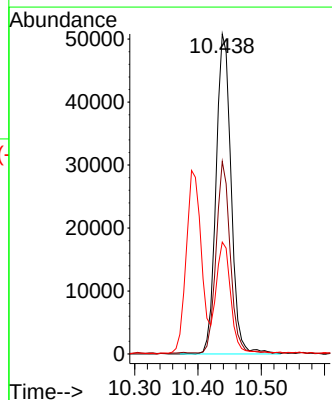
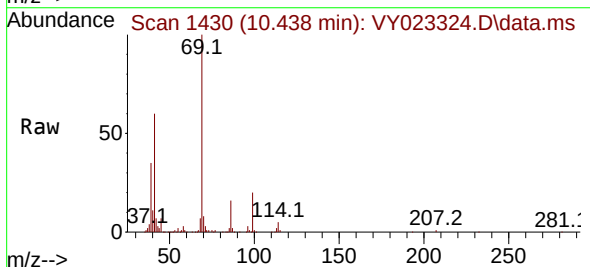
Tgt Ion: 69 Resp: 83419

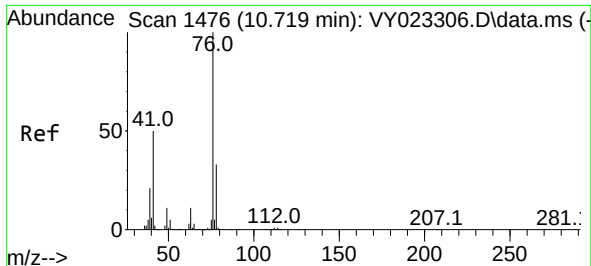
Ion Ratio Lower Upper

69 100

41 56.1 48.6 72.8

39 32.8 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.844 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

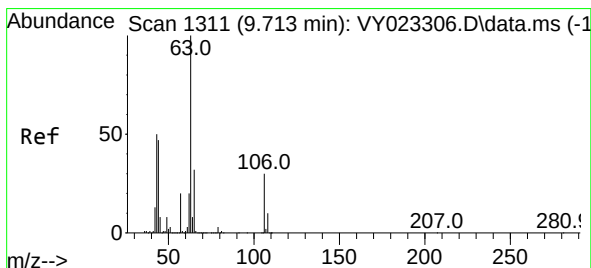
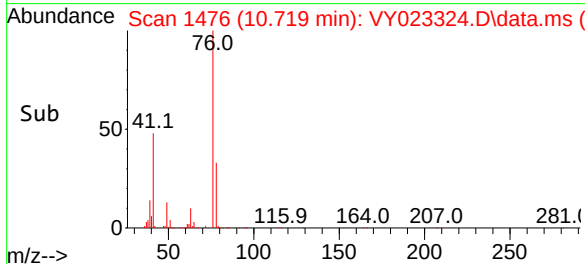
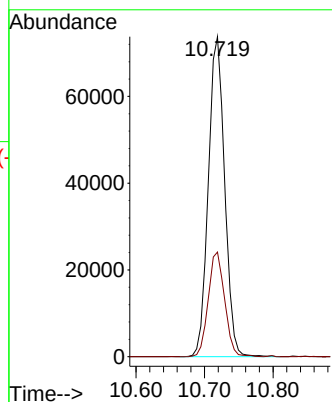
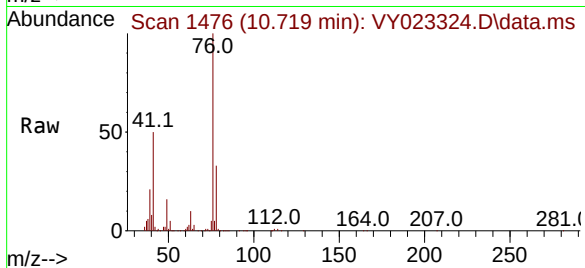
VY0910SBSD01

Tgt Ion: 76 Resp: 122160

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.649 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023324.D

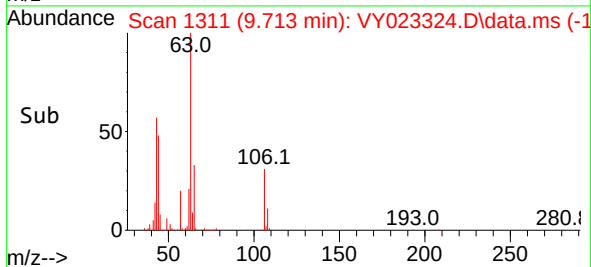
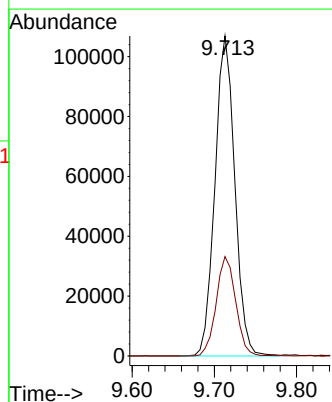
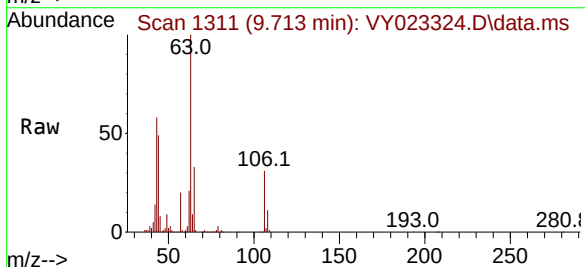
Acq: 10 Sep 2025 10:33

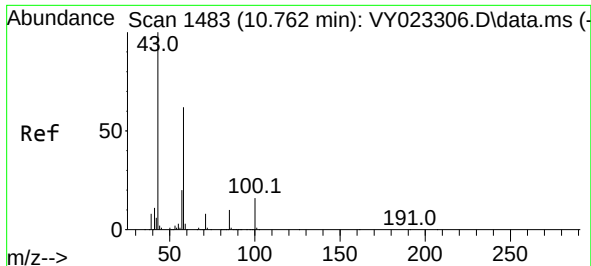
Tgt Ion: 63 Resp: 179310

Ion Ratio Lower Upper

63 100

106 30.6 23.2 34.8

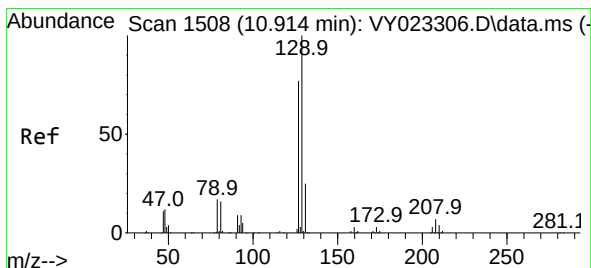
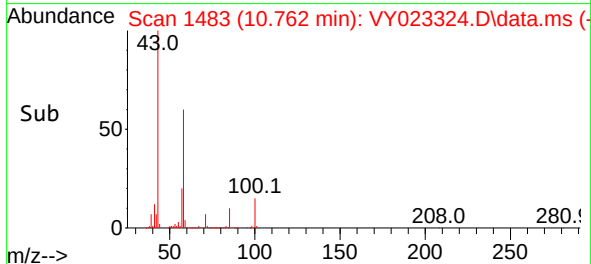
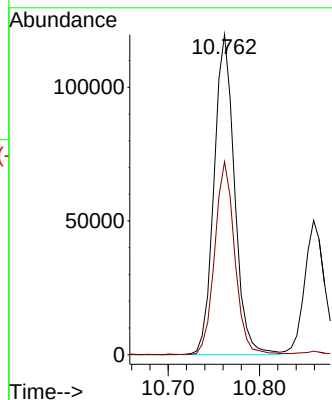
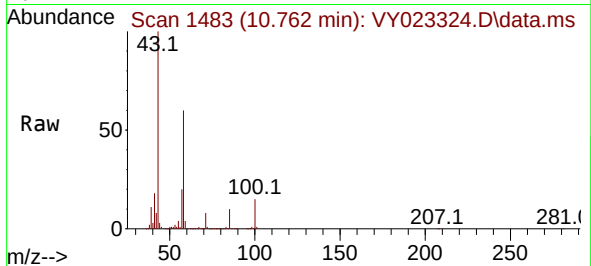




#59
2-Hexanone
Concen: 101.965 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

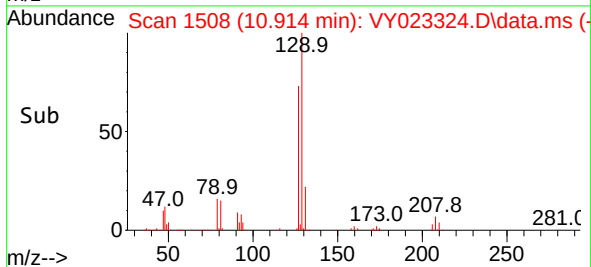
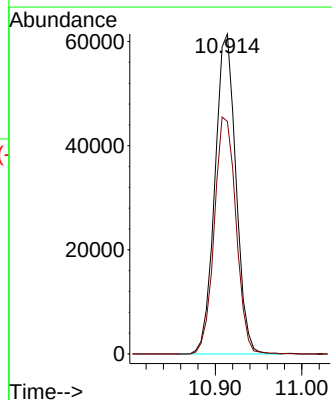
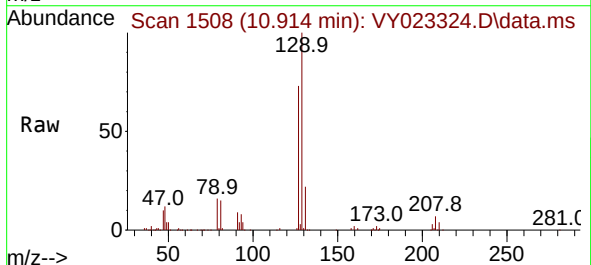
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

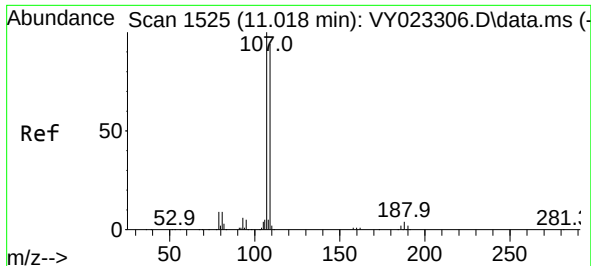
Tgt Ion: 43 Resp: 186046
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5



#60
Dibromochloromethane
Concen: 20.111 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 129 Resp: 103469
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

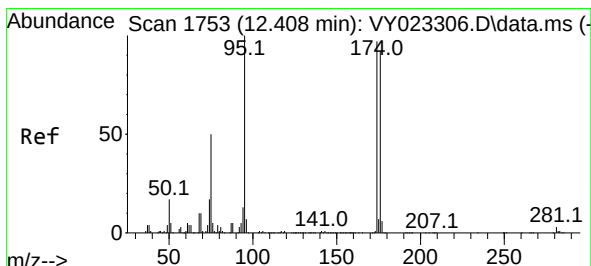
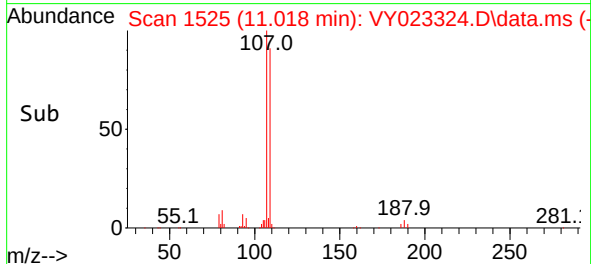
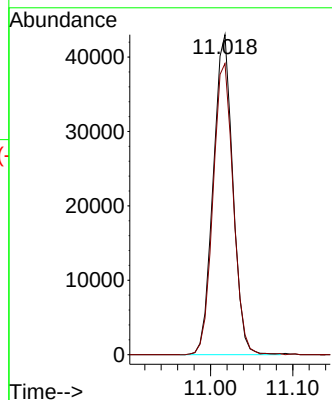
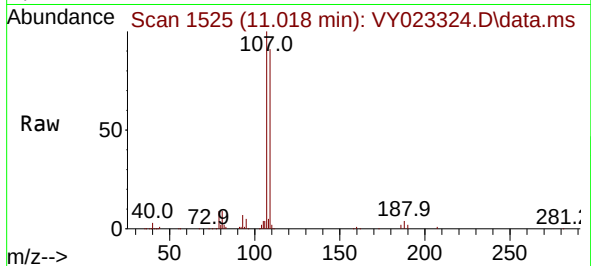




#61
1,2-Dibromoethane
Concen: 20.046 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

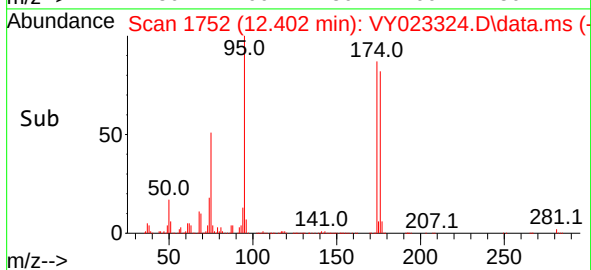
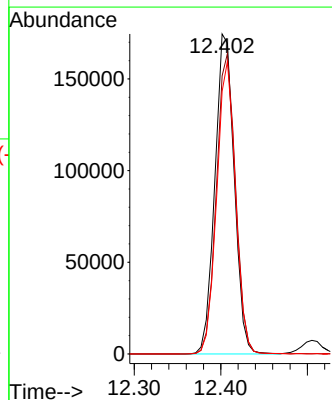
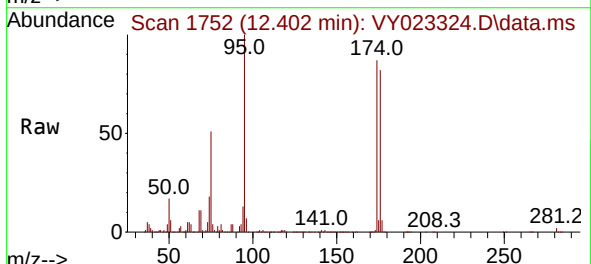
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

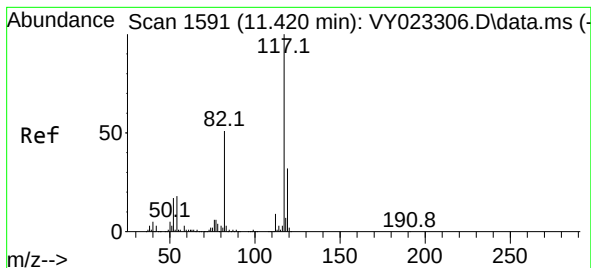
Tgt Ion:107 Resp: 71228
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.663 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 95 Resp: 270726
Ion Ratio Lower Upper
95 100
174 92.9 0.0 171.6
176 88.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBSD01

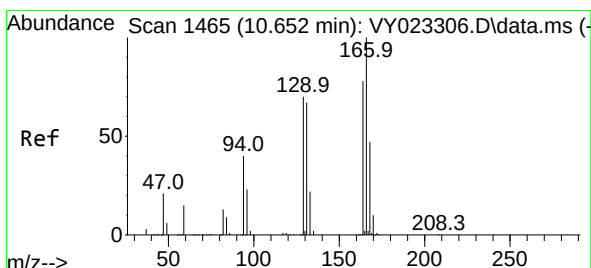
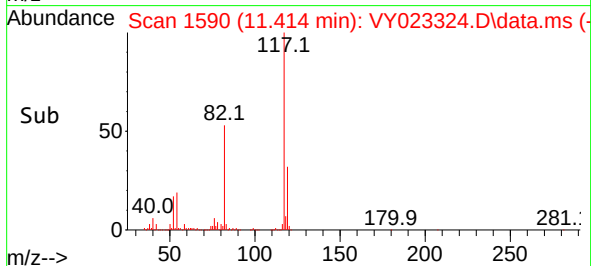
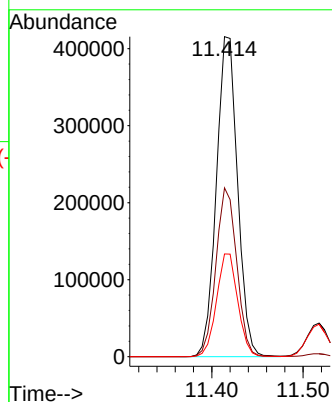
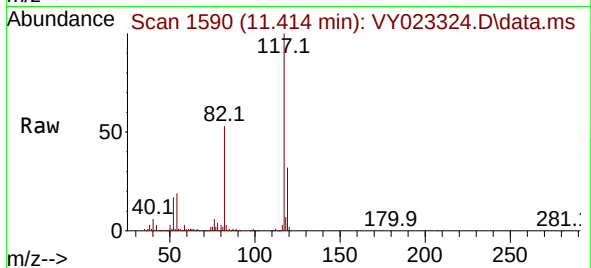
Tgt Ion:117 Resp: 669720

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 21.206 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Tgt Ion:164 Resp: 141550

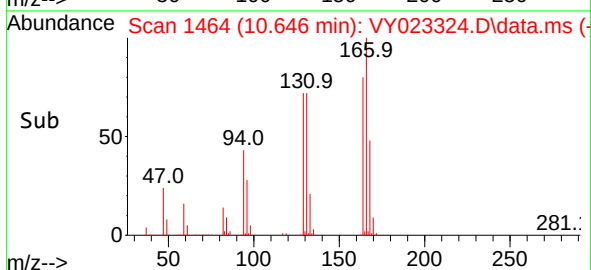
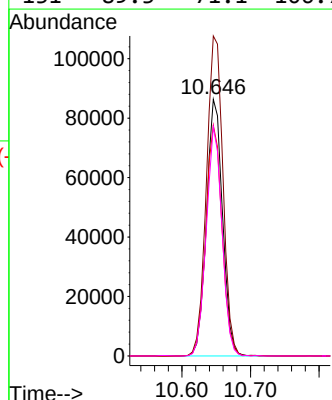
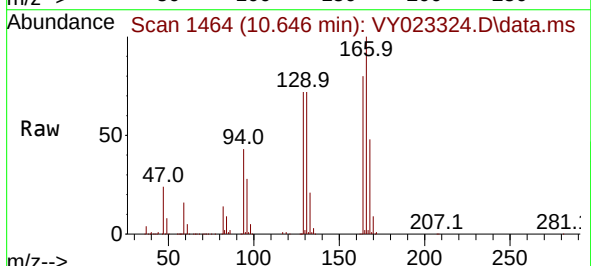
Ion Ratio Lower Upper

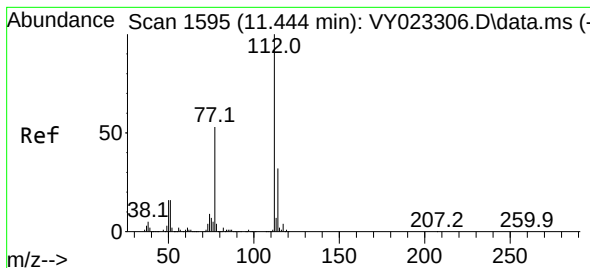
164 100

166 124.7 101.1 151.7

129 89.9 74.0 111.0

131 89.3 71.1 106.7





#65

Chlorobenzene

Concen: 20.176 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

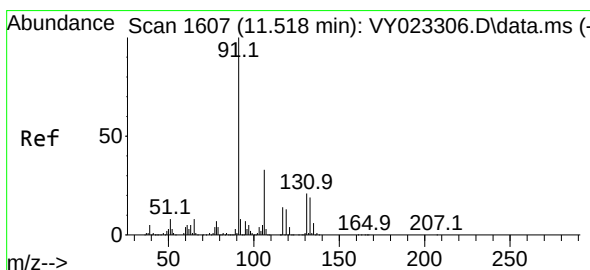
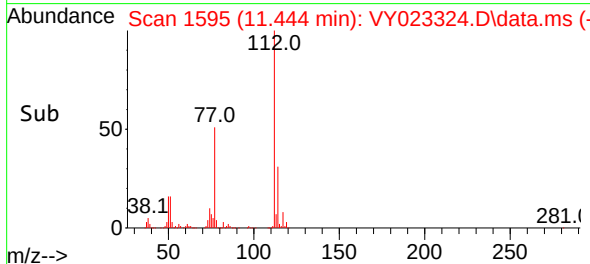
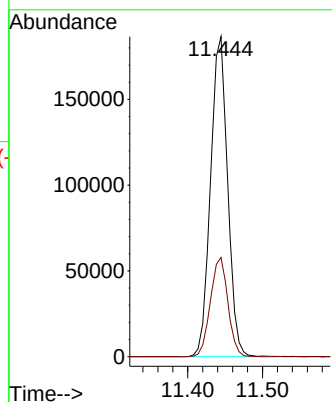
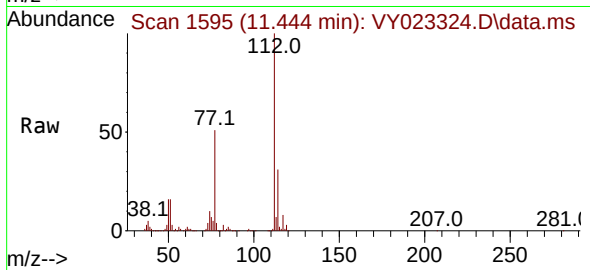
VY0910SBSD01

Tgt Ion:112 Resp: 296013

Ion Ratio Lower Upper

112 100

114 31.0 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.161 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

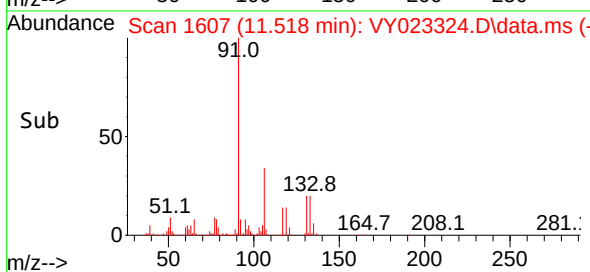
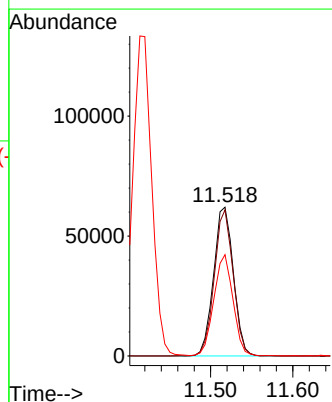
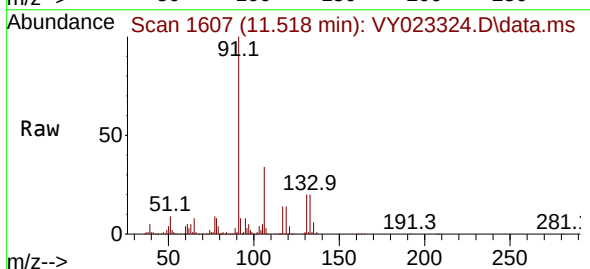
Tgt Ion:131 Resp: 103824

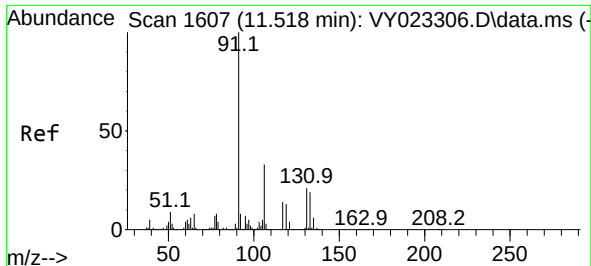
Ion Ratio Lower Upper

131 100

133 93.6 46.9 140.6

119 65.8 33.2 99.6





#67

Ethyl Benzene

Concen: 19.938 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

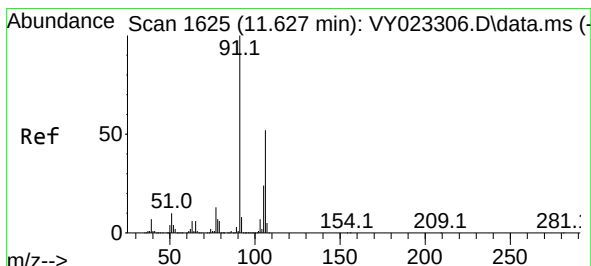
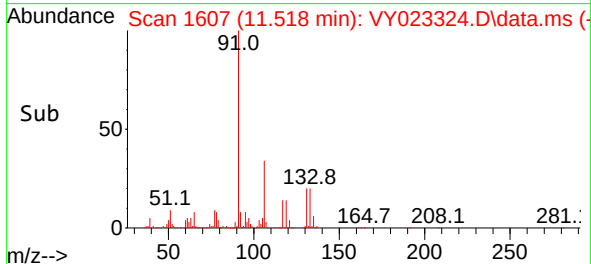
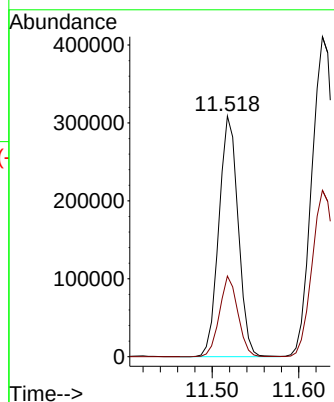
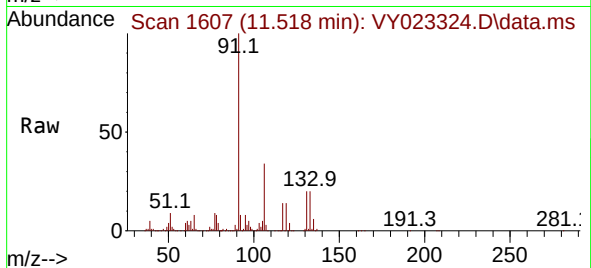
VY0910SBS01

Tgt Ion: 91 Resp: 477904

Ion Ratio Lower Upper

91 100

106 33.5 25.0 37.4



#68

m/p-Xylenes

Concen: 40.505 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023324.D

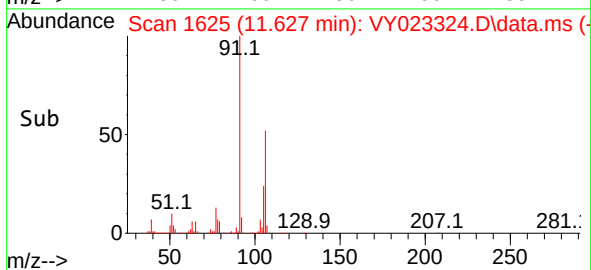
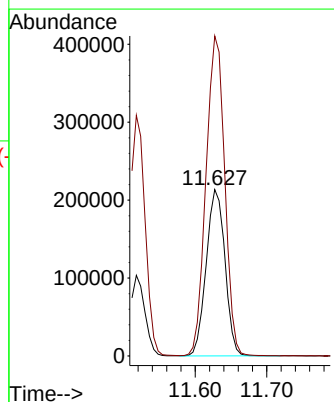
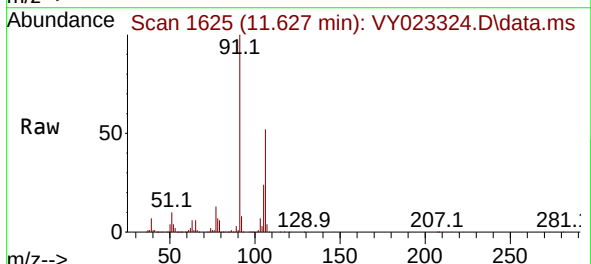
Acq: 10 Sep 2025 10:33

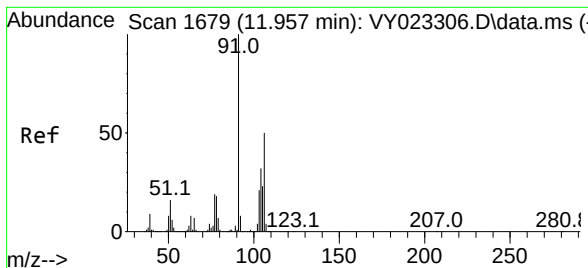
Tgt Ion:106 Resp: 388769

Ion Ratio Lower Upper

106 100

91 192.4 158.6 238.0

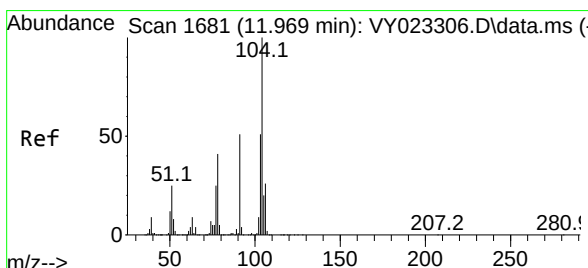
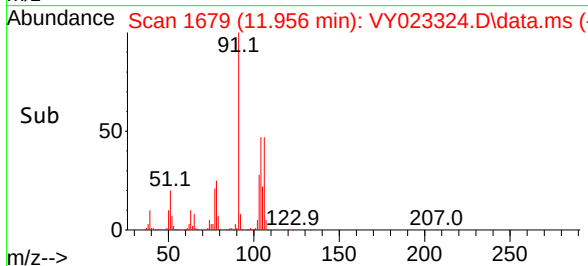
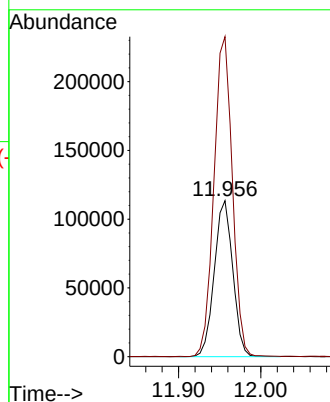
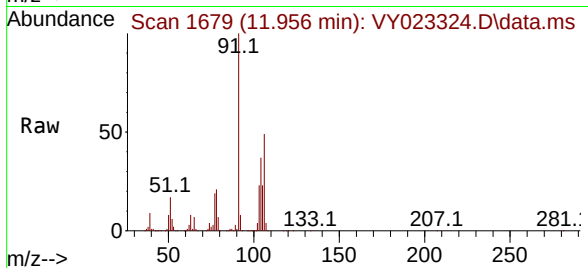




#69
o-Xylene
Concen: 19.947 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

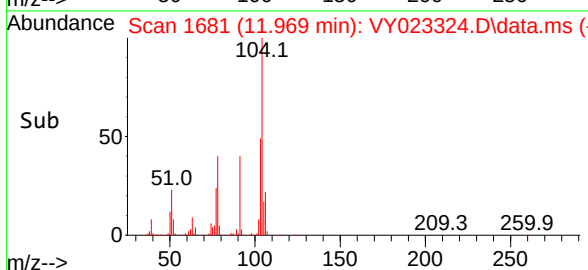
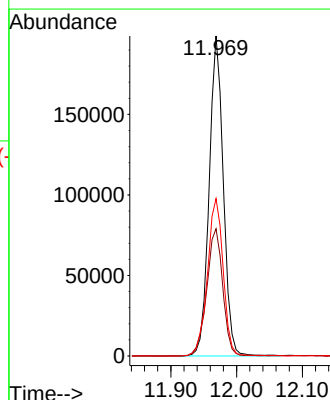
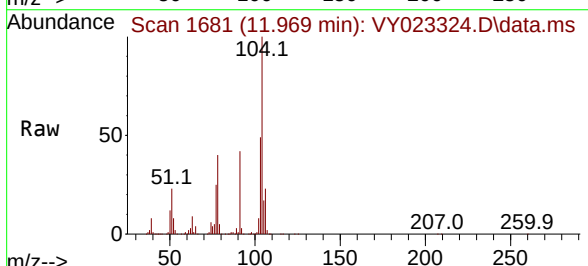
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

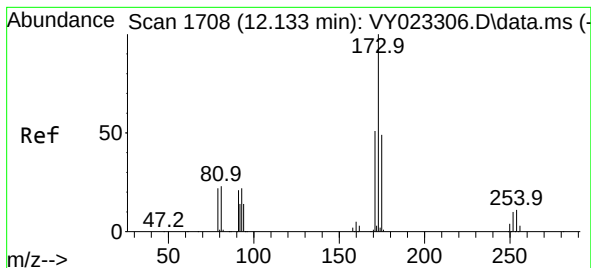
Tgt Ion:106 Resp: 177226
Ion Ratio Lower Upper
106 100
91 204.6 103.2 309.4



#70
Styrene
Concen: 20.272 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion:104 Resp: 298518
Ion Ratio Lower Upper
104 100
78 44.8 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 20.357 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

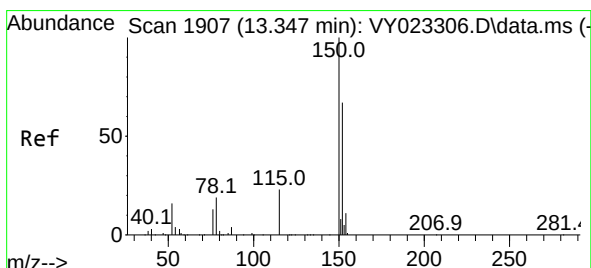
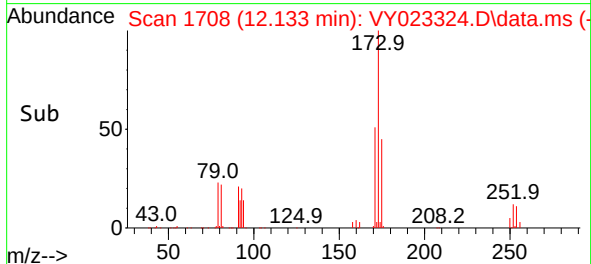
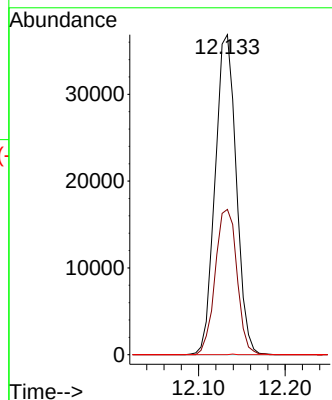
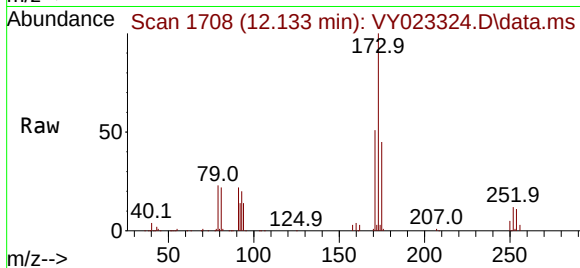
Tgt Ion:173 Resp: 62431

Ion Ratio Lower Upper

173 100

175 46.9 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

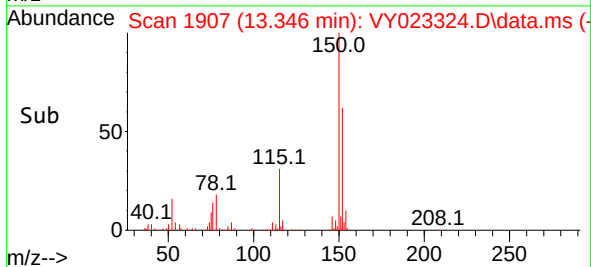
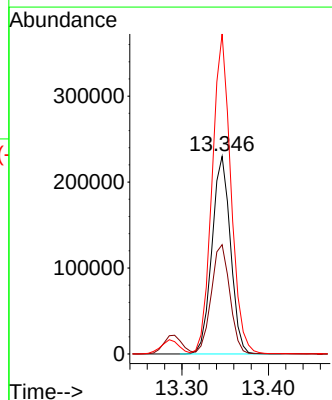
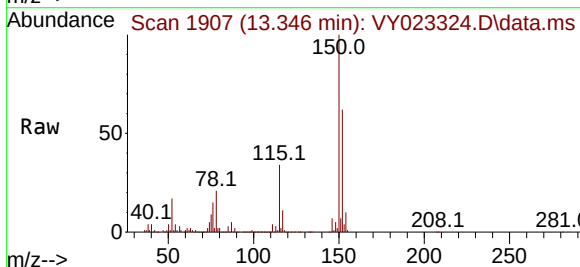
Tgt Ion:152 Resp: 341290

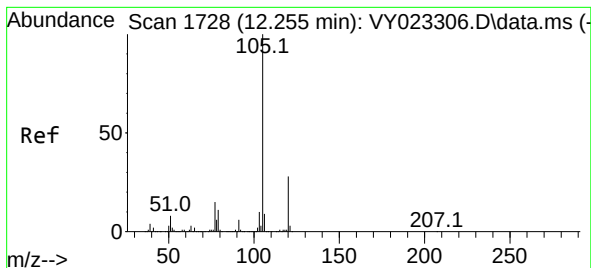
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.6

150 163.7 0.0 348.0





#73

Isopropylbenzene

Concen: 19.813 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

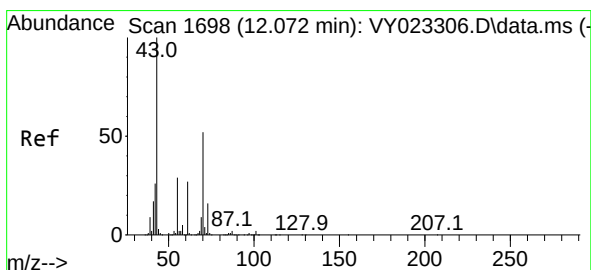
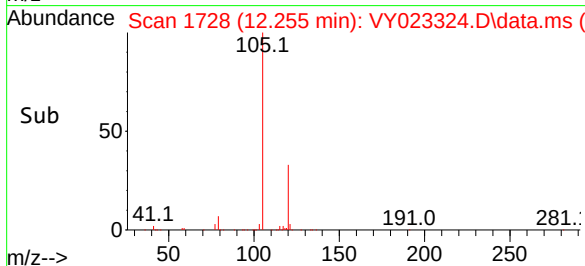
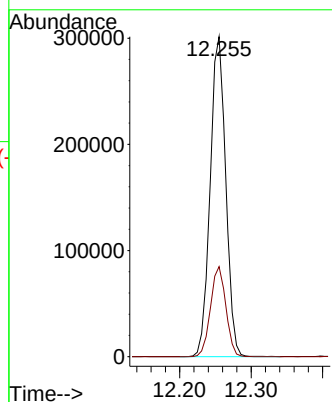
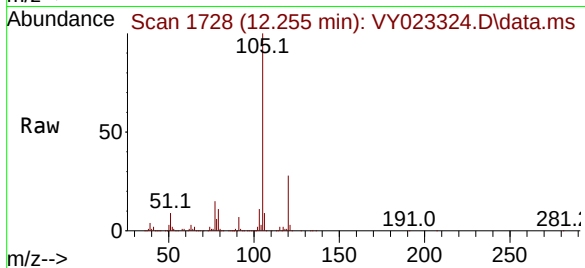
VY0910SBSD01

Tgt Ion:105 Resp: 455493

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.2



#74

N-ethyl acetate

Concen: 20.009 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Tgt Ion: 43 Resp: 86950

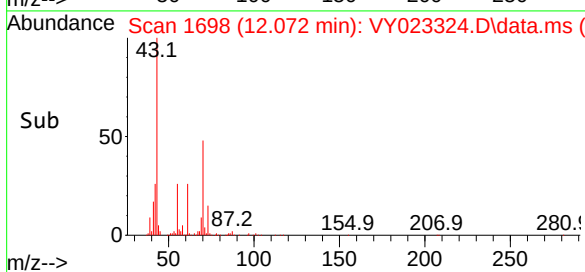
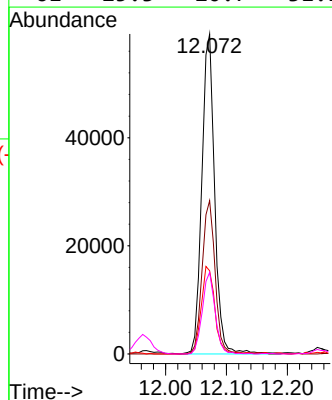
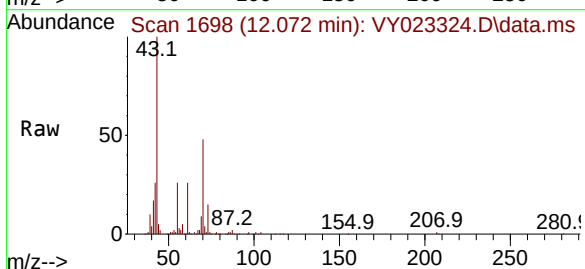
Ion Ratio Lower Upper

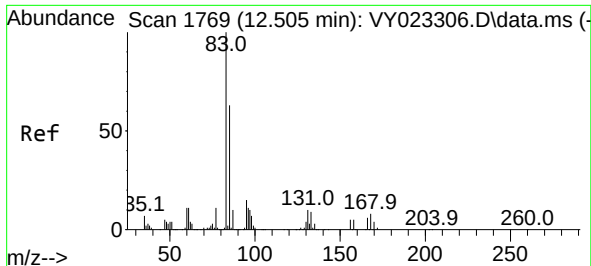
43 100

70 48.5 37.5 56.3

55 28.7 20.7 31.1

61 25.3 20.7 31.1

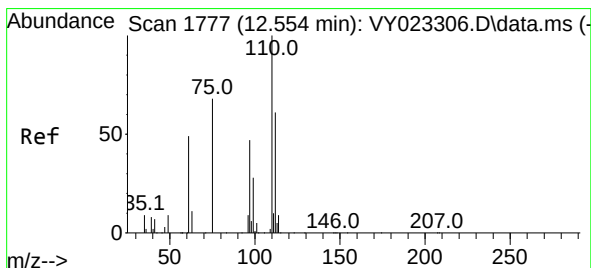
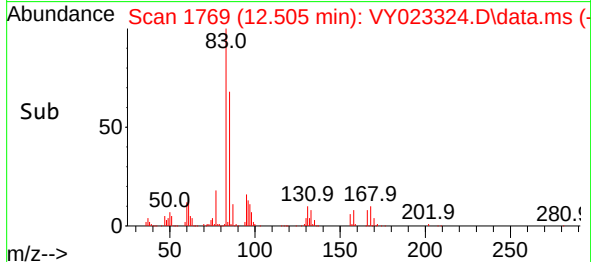
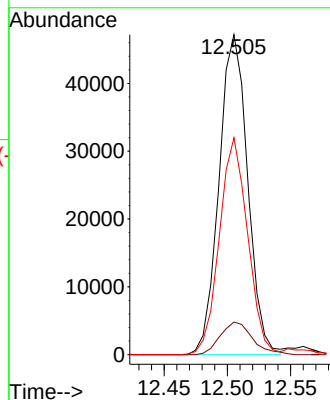
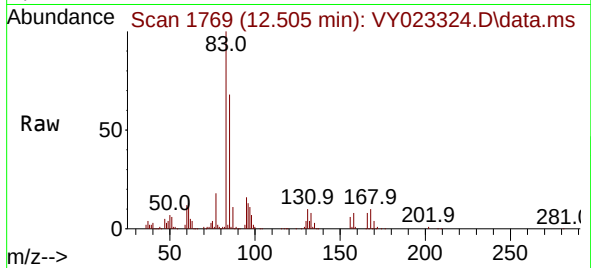




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.252 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023324.D
 Acq: 10 Sep 2025 10:33

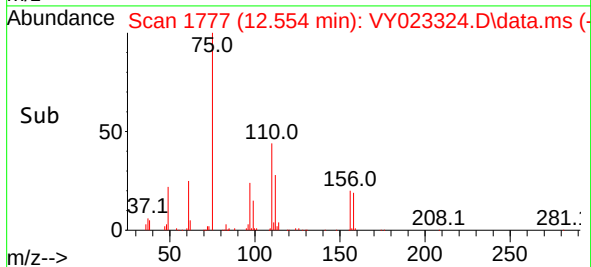
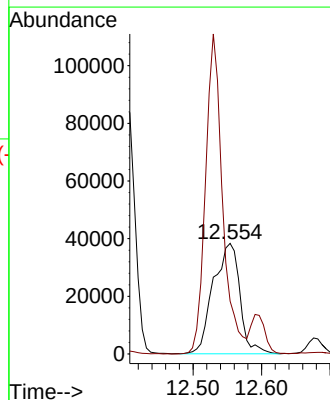
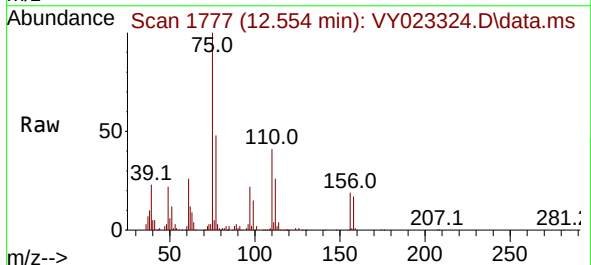
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBSD01

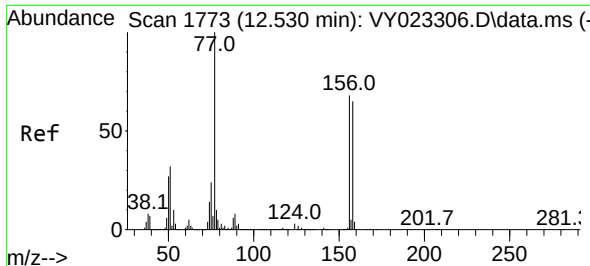
Tgt Ion: 83 Resp: 74280
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.1 15.3
 85 66.9 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 29.815 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023324.D
 Acq: 10 Sep 2025 10:33

Tgt Ion: 75 Resp: 103045
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

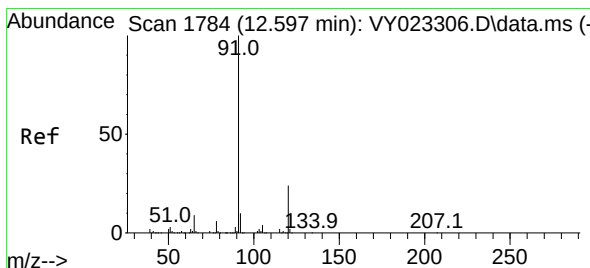
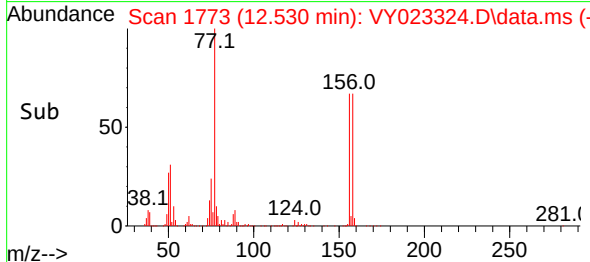
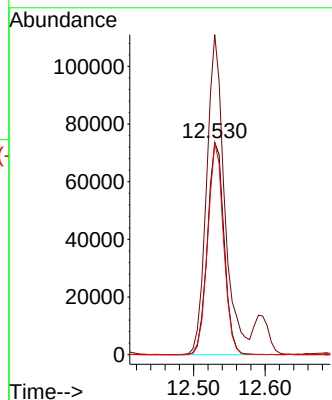
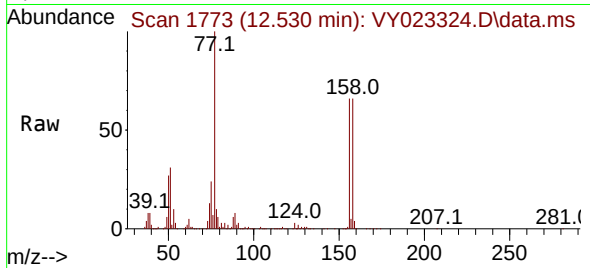




#77
Bromobenzene
Concen: 20.153 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

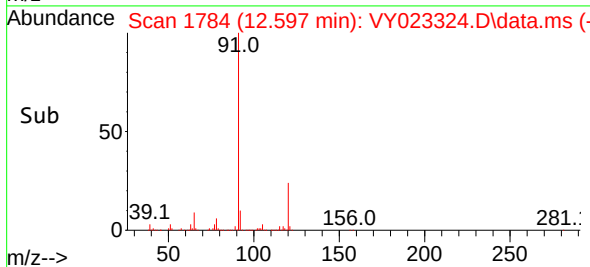
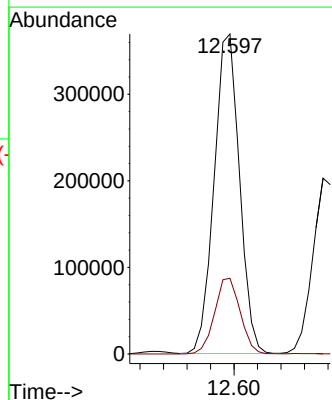
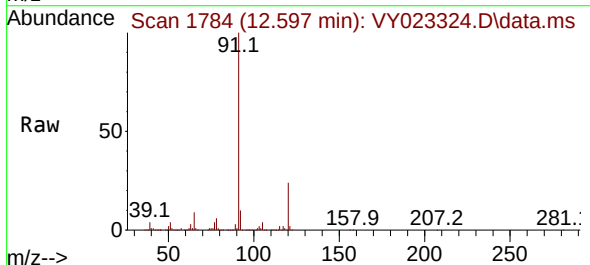
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

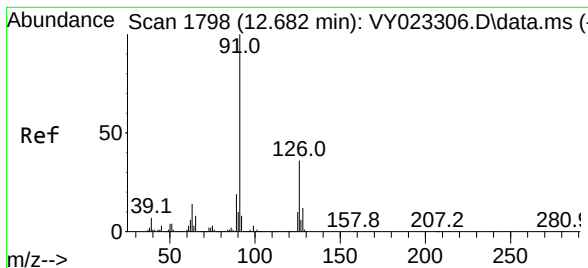
Tgt Ion:156 Resp: 118368
Ion Ratio Lower Upper
156 100
77 163.8 88.1 264.4
158 96.2 48.0 144.0



#78
n-propylbenzene
Concen: 20.418 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 91 Resp: 553252
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.5

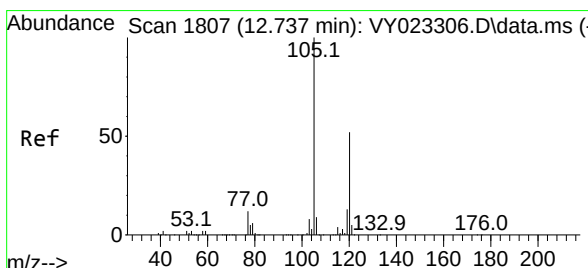
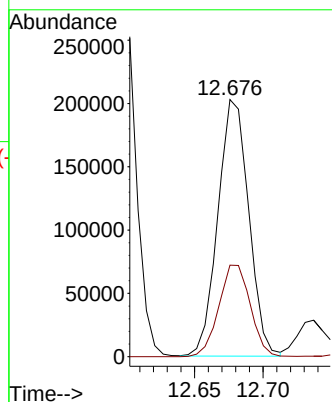
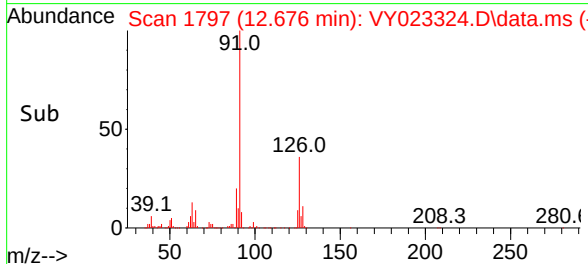
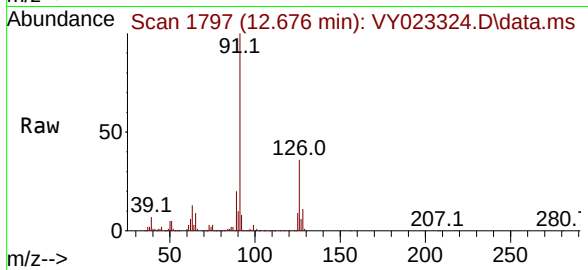




#79
2-Chlorotoluene
Concen: 20.362 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

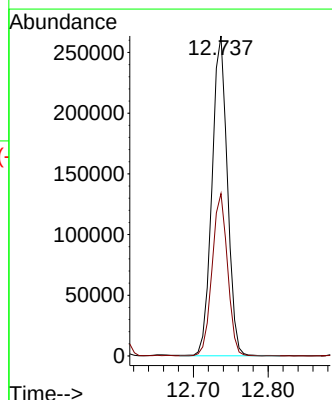
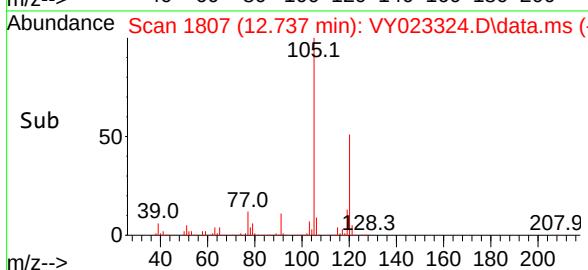
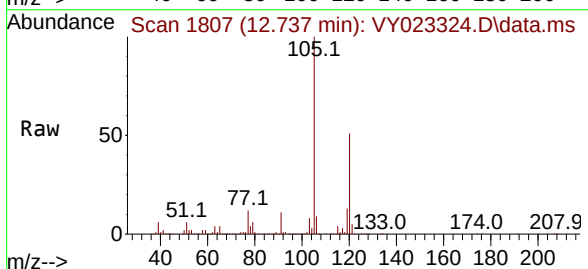
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

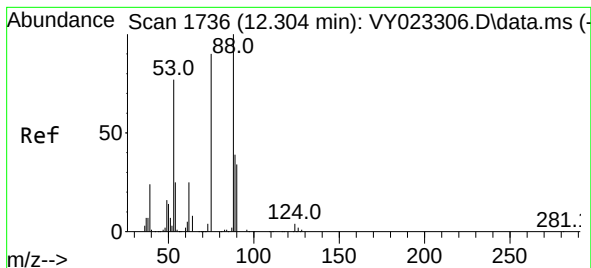
Tgt Ion: 91 Resp: 317780
Ion Ratio Lower Upper
91 100
126 36.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.208 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 105 Resp: 377848
Ion Ratio Lower Upper
105 100
120 50.6 24.8 74.4

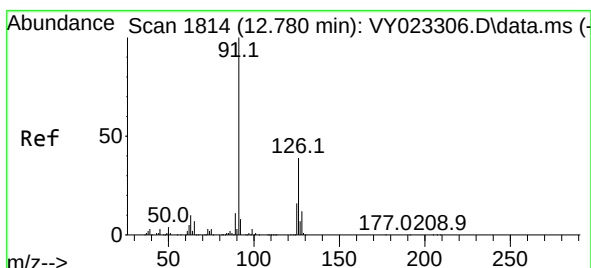
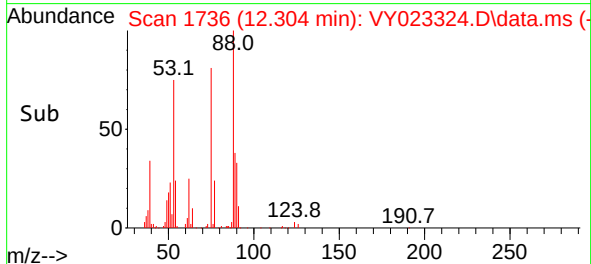
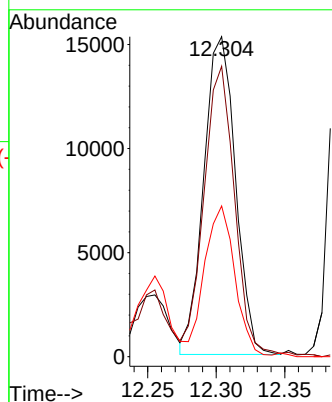
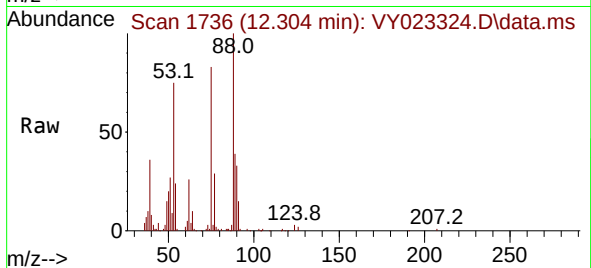




#81
trans-1,4-Dichloro-2-butene
Concen: 19.368 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

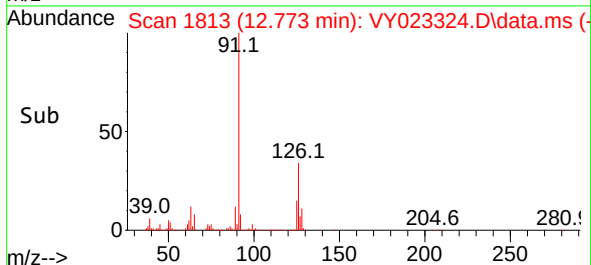
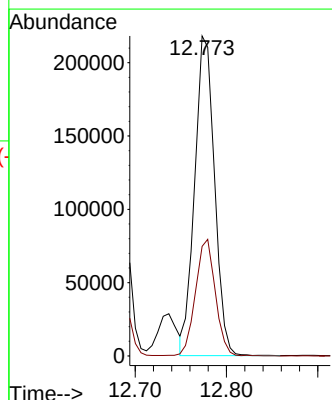
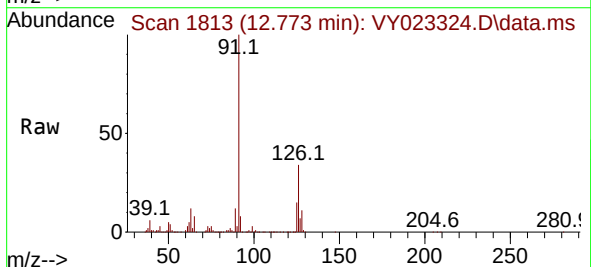
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBSD01

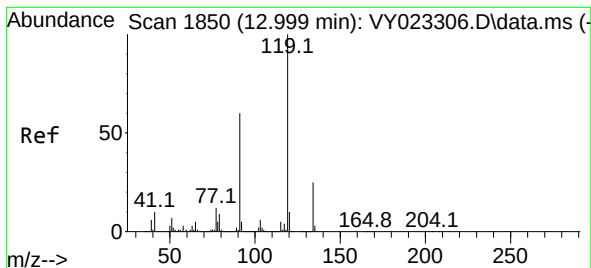
Tgt Ion: 75 Resp: 24546
Ion Ratio Lower Upper
75 100
53 89.5 70.8 106.2
89 44.2 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.185 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023324.D
Acq: 10 Sep 2025 10:33

Tgt Ion: 91 Resp: 329610
Ion Ratio Lower Upper
91 100
126 36.6 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.931 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

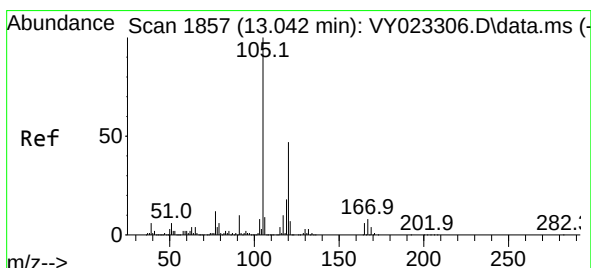
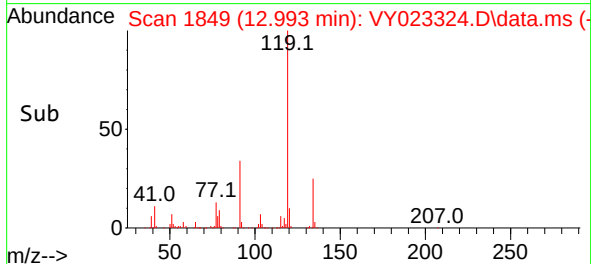
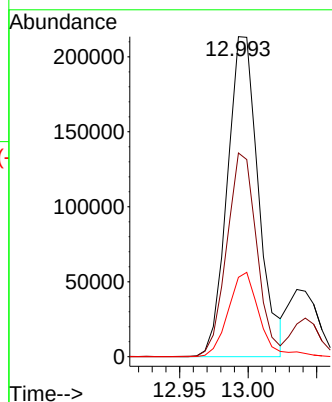
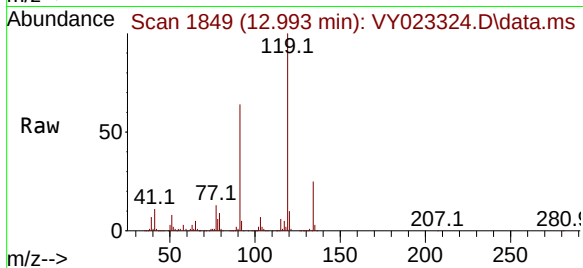
Tgt Ion:119 Resp: 337520

Ion Ratio Lower Upper

119 100

91 61.3 31.6 94.8

134 26.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.498 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023324.D

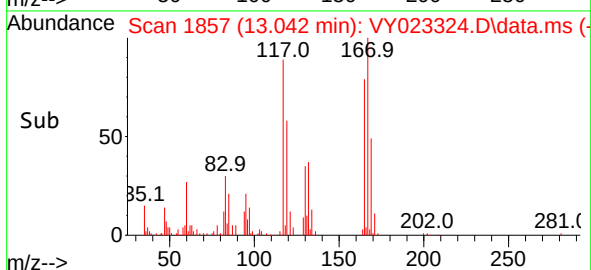
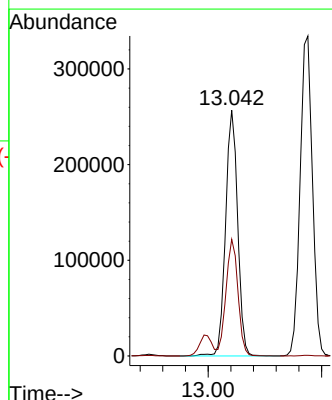
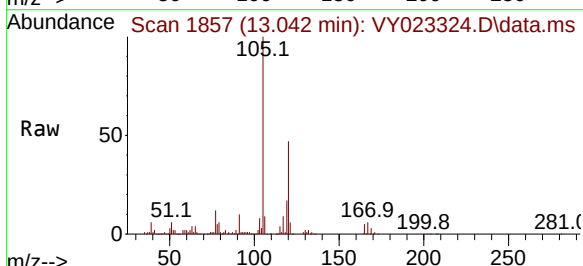
Acq: 10 Sep 2025 10:33

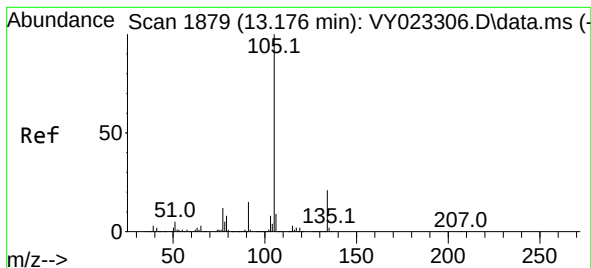
Tgt Ion:105 Resp: 379156

Ion Ratio Lower Upper

105 100

120 47.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.424 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

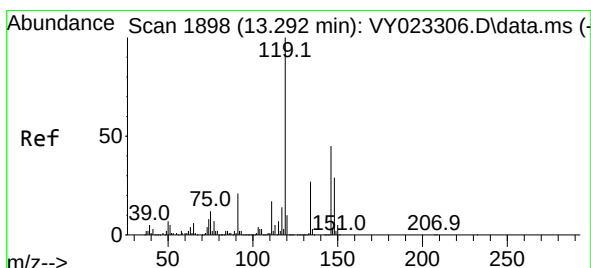
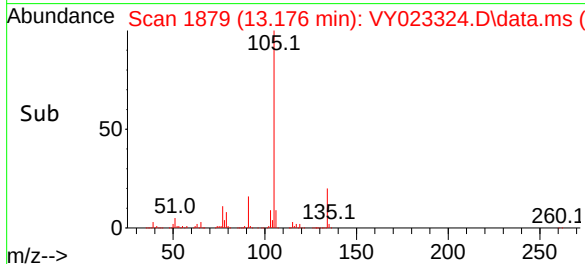
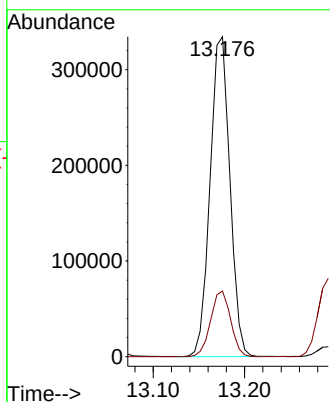
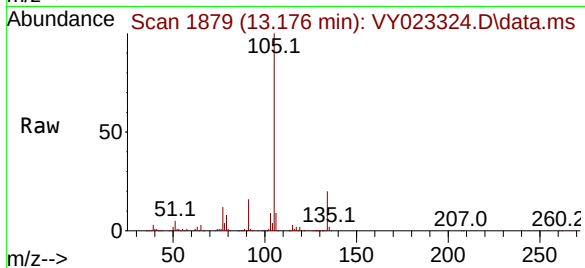
VY0910SBSD01

Tgt Ion:105 Resp: 503224

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.125 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

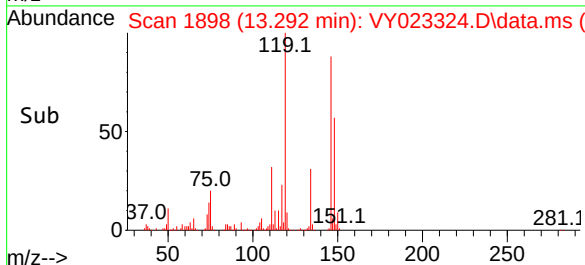
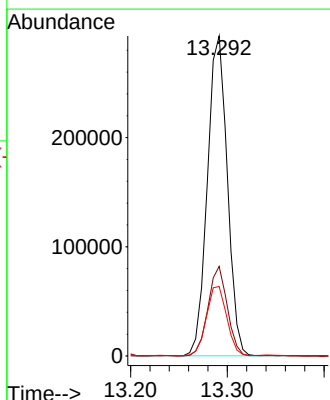
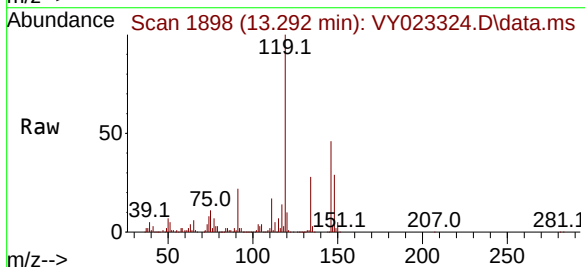
Tgt Ion:119 Resp: 418859

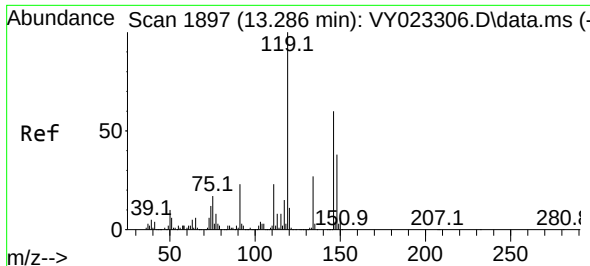
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

91 22.2 11.3 33.8

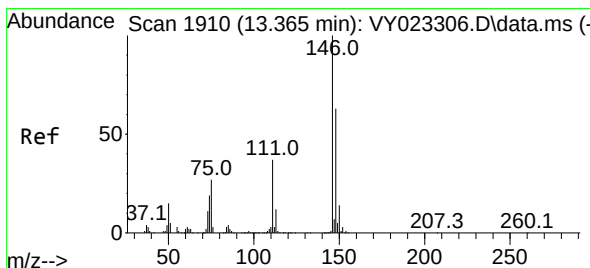
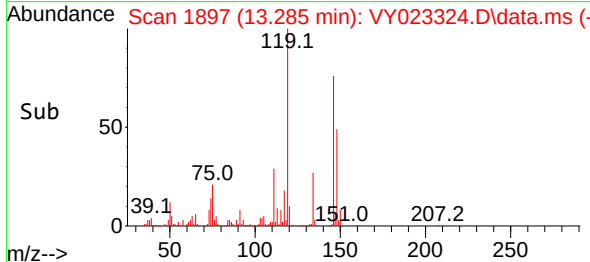
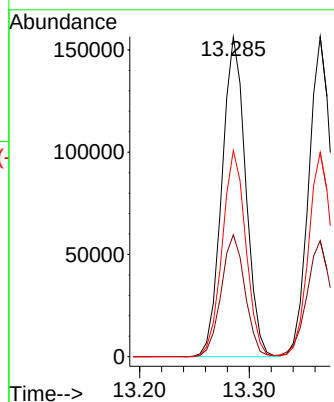
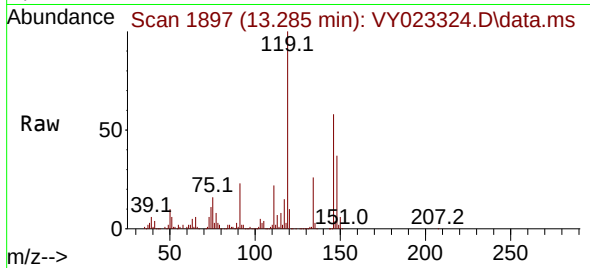




#87
 1,3-Dichlorobenzene
 Concen: 20.278 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY023324.D
 Acq: 10 Sep 2025 10:33

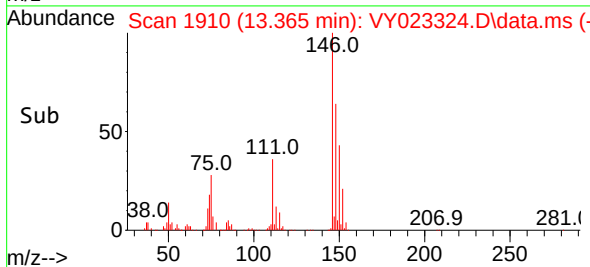
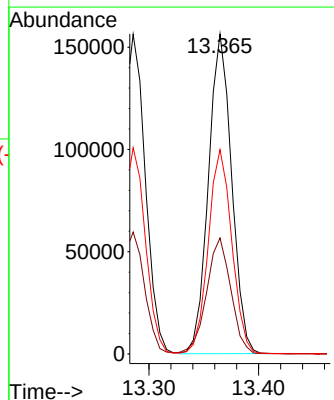
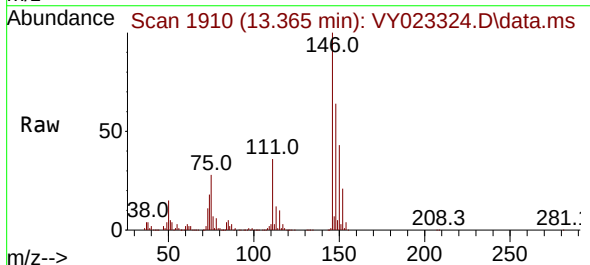
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBSD01

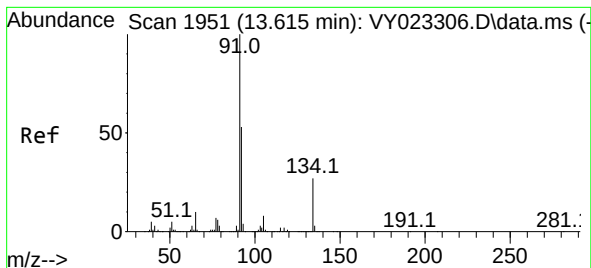
Tgt Ion:146 Resp: 235675
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.6 58.7
 148 63.9 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.976 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023324.D
 Acq: 10 Sep 2025 10:33

Tgt Ion:146 Resp: 229951
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 65.0 31.6 94.7





#89

n-Butylbenzene

Concen: 19.972 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBSD01

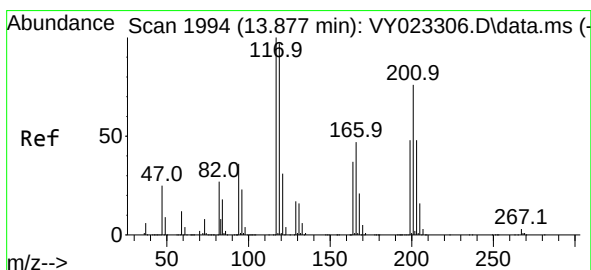
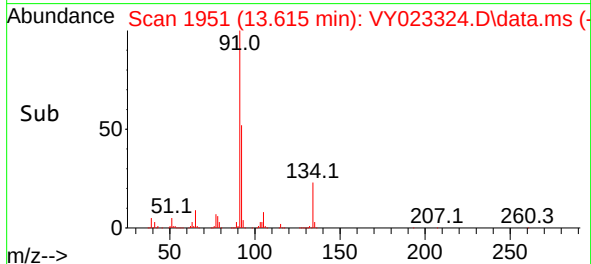
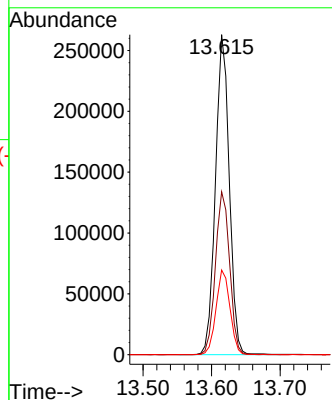
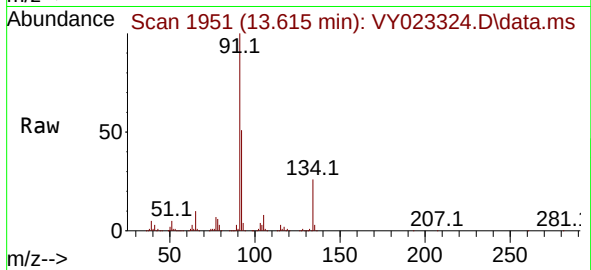
Tgt Ion: 91 Resp: 368655

Ion Ratio Lower Upper

91 100

92 52.3 26.9 80.7

134 26.7 13.2 39.5



#90

Hexachloroethane

Concen: 19.779 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023324.D

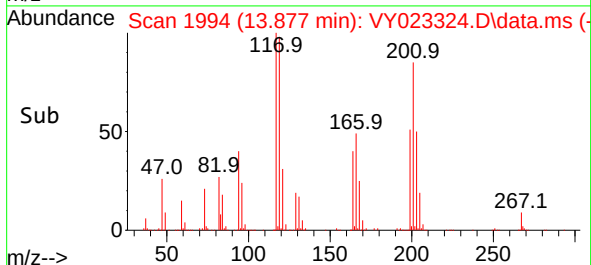
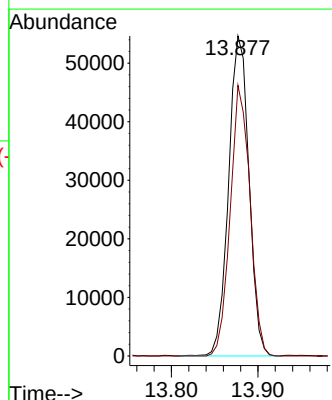
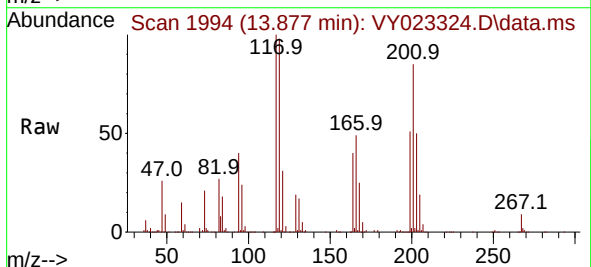
Acq: 10 Sep 2025 10:33

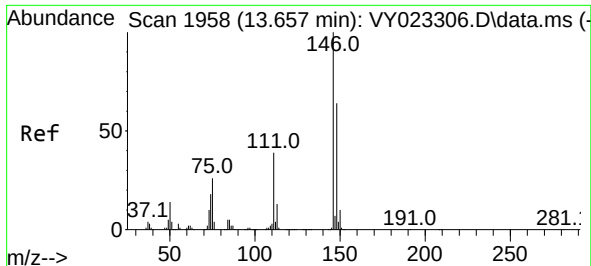
Tgt Ion: 117 Resp: 89244

Ion Ratio Lower Upper

117 100

201 82.2 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 20.154 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

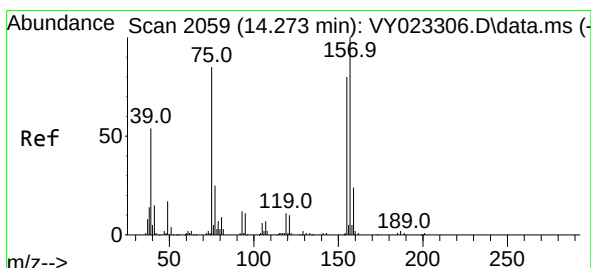
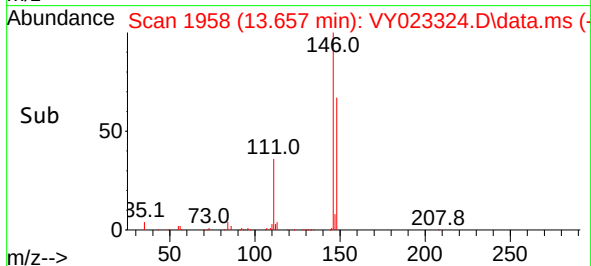
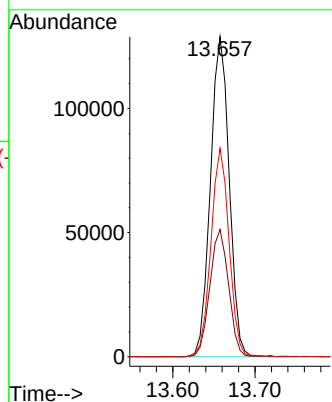
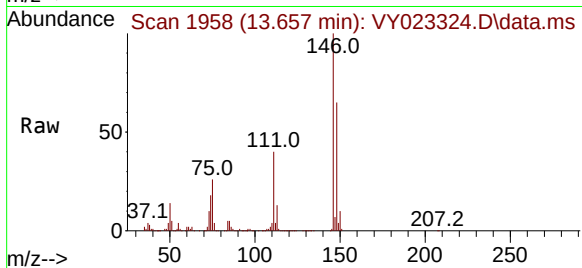
Tgt Ion:146 Resp: 204225

Ion Ratio Lower Upper

146 100

111 39.6 20.3 60.8

148 62.8 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.960 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

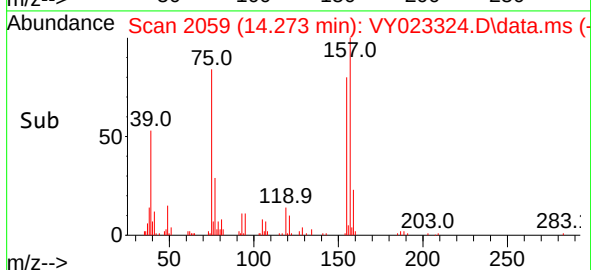
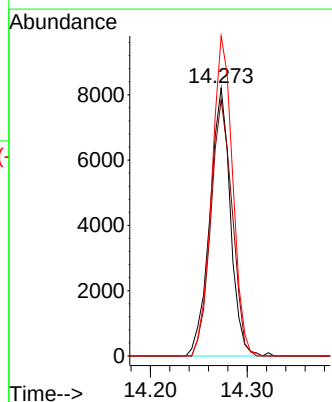
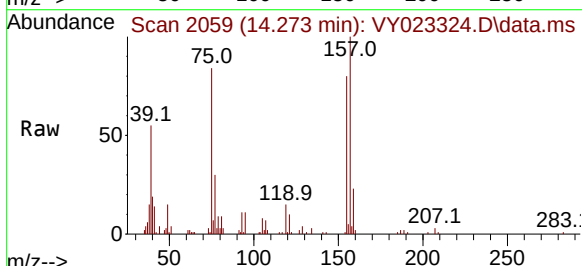
Tgt Ion: 75 Resp: 12084

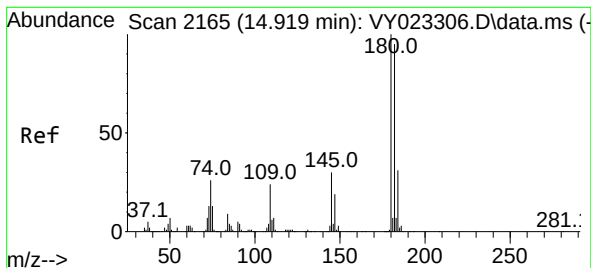
Ion Ratio Lower Upper

75 100

155 98.8 43.9 131.6

157 121.4 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.284 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBSD01

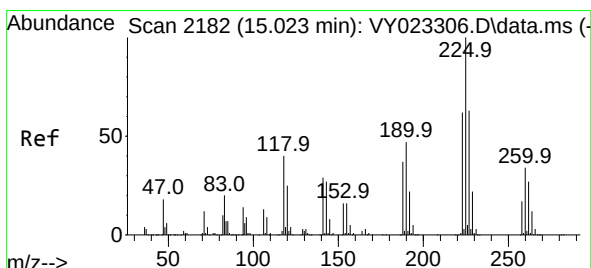
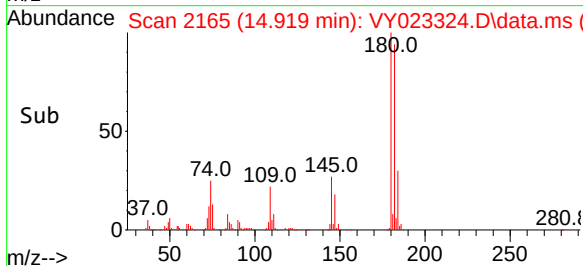
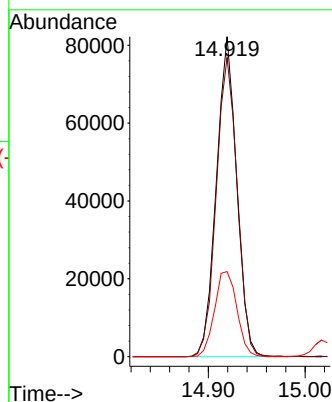
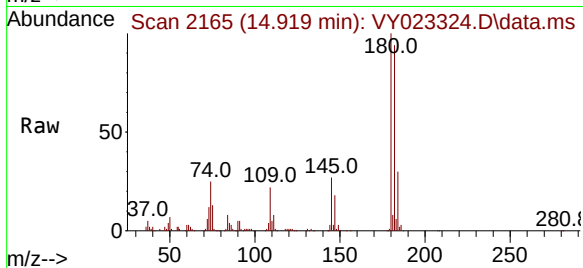
Tgt Ion:180 Resp: 119895

Ion Ratio Lower Upper

180 100

182 96.6 46.8 140.4

145 29.4 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.176 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

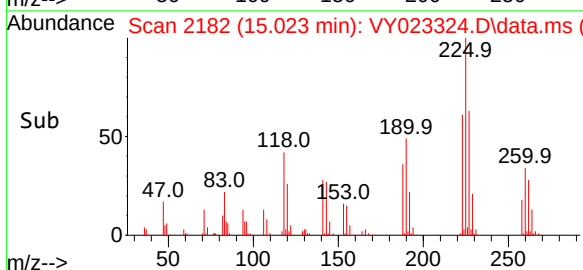
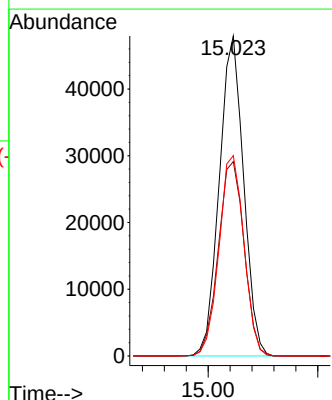
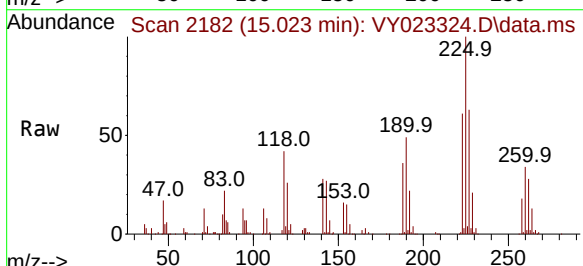
Tgt Ion:225 Resp: 73735

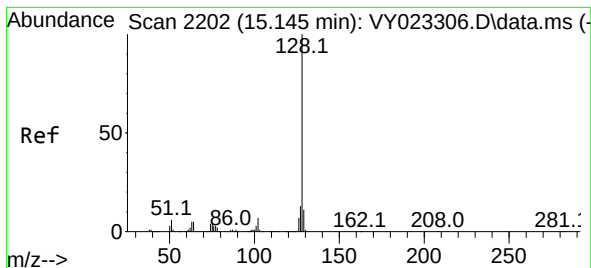
Ion Ratio Lower Upper

225 100

223 64.3 31.3 93.8

227 64.2 31.5 94.5





#95

Naphthalene

Concen: 19.379 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBSD01

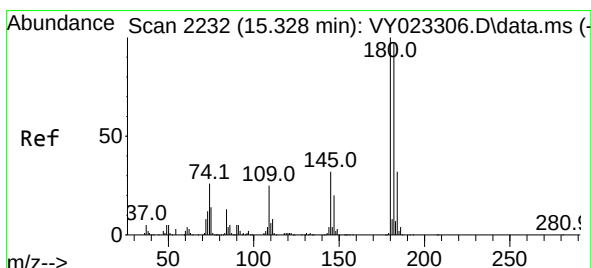
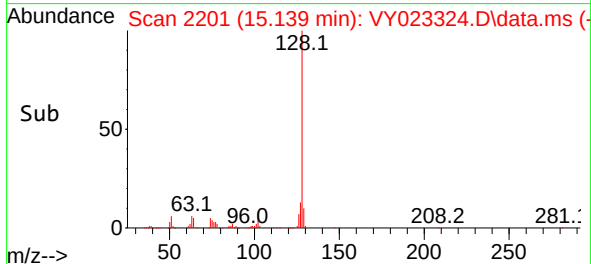
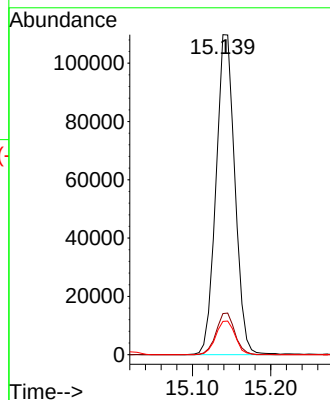
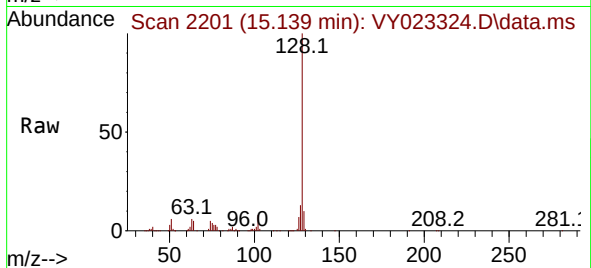
Tgt Ion:128 Resp: 184113

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.177 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023324.D

Acq: 10 Sep 2025 10:33

Tgt Ion:180 Resp: 103579

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.7

145 31.8 15.9 47.7

