

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023323.D
 Acq On : 10 Sep 2025 10:11
 Operator : SY/MD
 Sample : VY0910SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBS01

Quant Time: Sep 11 03:46:27 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	502093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	763457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	676997	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	350574	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218744	49.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.160%
35) Dibromofluoromethane	7.634	113	230025	49.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.109	98	890309	50.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.040%
62) 4-Bromofluorobenzene	12.408	95	280578	50.595	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	83772	20.797	ug/l	94
3) Chloromethane	2.074	50	124849	21.660	ug/l	98
4) Vinyl Chloride	2.208	62	154360	21.257	ug/l	98
5) Bromomethane	2.592	94	131063	22.105	ug/l	98
6) Chloroethane	2.739	64	104502	21.266	ug/l	99
7) Trichlorofluoromethane	3.056	101	191708	20.917	ug/l	98
8) Diethyl Ether	3.458	74	48823	20.133	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	104265	21.154	ug/l	97
10) Methyl Iodide	4.007	142	103901	18.071	ug/l	99
11) Tert butyl alcohol	4.860	59	25296	99.227	ug/l	100
12) 1,1-Dichloroethene	3.793	96	95363	20.112	ug/l	94
13) Acrolein	3.653	56	40337	93.593	ug/l	98
14) Allyl chloride	4.385	41	122336	20.424	ug/l	97
15) Acrylonitrile	5.055	53	93413	97.849	ug/l	99
16) Acetone	3.866	43	108202	107.667	ug/l	99
17) Carbon Disulfide	4.104	76	307699	20.497	ug/l	98
18) Methyl Acetate	4.385	43	47119	19.114	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	223833	20.077	ug/l	99
20) Methylene Chloride	4.616	84	124829	23.217	ug/l	91
21) trans-1,2-Dichloroethene	5.116	96	109436	20.657	ug/l	94
22) Diisopropyl ether	6.019	45	276095	20.698	ug/l	95
23) Vinyl Acetate	5.964	43	734886	99.652	ug/l	98
24) 1,1-Dichloroethane	5.915	63	180883	20.732	ug/l	99
25) 2-Butanone	6.896	43	128844	104.167	ug/l	96
26) 2,2-Dichloropropane	6.884	77	159633	20.721	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	123443	20.576	ug/l	93
28) Bromochloromethane	7.250	49	68387	19.920	ug/l	87
29) Tetrahydrofuran	7.268	42	71592	97.583	ug/l	96
30) Chloroform	7.421	83	194077	20.702	ug/l	98
31) Cyclohexane	7.707	56	154305	19.986	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	175185	20.916	ug/l	98
36) 1,1-Dichloropropene	7.841	75	135903	20.447	ug/l	98
37) Ethyl Acetate	6.988	43	50803	19.214	ug/l	98
38) Carbon Tetrachloride	7.823	117	156951	20.522	ug/l	96
39) Methylcyclohexane	9.109	83	171725	20.195	ug/l	97
40) Benzene	8.085	78	427299	20.682	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	68641	50.131	ug/l #	32
42) 1,2-Dichloroethane	8.158	62	107843	20.502	ug/l	99
43) Isopropyl Acetate	8.201	43	100820	19.605	ug/l	99
44) Trichloroethene	8.866	130	120223	20.892	ug/l	94
45) 1,2-Dichloropropane	9.140	63	95935	20.561	ug/l	100
46) Dibromomethane	9.231	93	58770	20.683	ug/l	97
47) Bromodichloromethane	9.426	83	145234	20.316	ug/l	98
48) Methyl methacrylate	9.219	41	45877	19.139	ug/l	92
49) 1,4-Dioxane	9.231	88	11177	387.495	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	258579	98.282	ug/l	99
52) Toluene	10.170	92	276761	21.109	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	122968	19.980	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	147845	20.103	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	78045	20.648	ug/l	98
56) Ethyl methacrylate	10.438	69	83357	19.035	ug/l	97
57) 1,3-Dichloropropane	10.719	76	123908	20.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	175044	91.713	ug/l	94
59) 2-Hexanone	10.762	43	186389	102.479	ug/l	99
60) Dibromochloromethane	10.914	129	104904	20.455	ug/l	100
61) 1,2-Dibromoethane	11.018	107	71541	20.198	ug/l	99
64) Tetrachloroethene	10.646	164	145016	21.492	ug/l	99
65) Chlorobenzene	11.444	112	298856	20.151	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	106850	20.525	ug/l	99
67) Ethyl Benzene	11.518	91	489602	20.207	ug/l	98
68) m/p-Xylenes	11.627	106	400072	41.235	ug/l	96
69) o-Xylene	11.956	106	180809	20.131	ug/l	98
70) Styrene	11.969	104	304780	20.475	ug/l	98
71) Bromoform	12.133	173	62453	20.145	ug/l #	100
73) Isopropylbenzene	12.255	105	475777	20.147	ug/l	100
74) N-amyl acetate	12.066	43	85132	19.072	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	76249	19.239	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	105076	29.597	ug/l #	100
77) Bromobenzene	12.530	156	121187	20.087	ug/l	94
78) n-propylbenzene	12.597	91	571399	20.530	ug/l	98
79) 2-Chlorotoluene	12.682	91	323583	20.185	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	387970	20.200	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	23944	18.393	ug/l	97
82) 4-Chlorotoluene	12.780	91	339877	20.262	ug/l	98
83) tert-Butylbenzene	12.999	119	345942	19.887	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	390370	20.545	ug/l	99
85) sec-Butylbenzene	13.176	105	511538	20.211	ug/l	99
86) p-Isopropyltoluene	13.292	119	431225	20.170	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	238915	20.012	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	239570	20.260	ug/l	99
89) n-Butylbenzene	13.615	91	377453	19.908	ug/l	99
90) Hexachloroethane	13.877	117	94023	20.286	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	210268	20.200	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11991	19.282	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	120603	19.863	ug/l	99
94) Hexachlorobutadiene	15.023	225	77088	20.534	ug/l	99
95) Naphthalene	15.145	128	175490	17.982	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	105368	19.982	ug/l	98

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QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

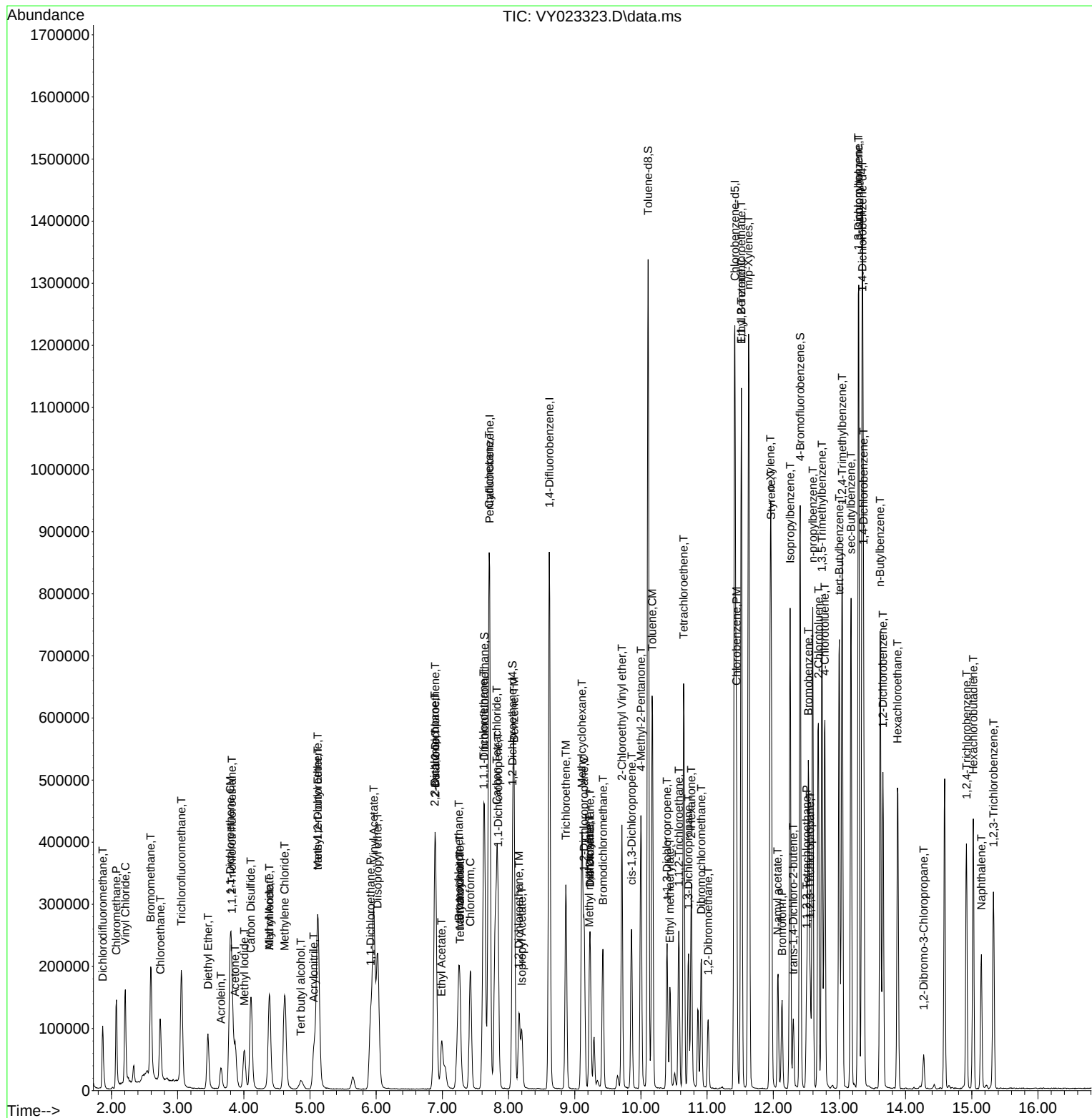
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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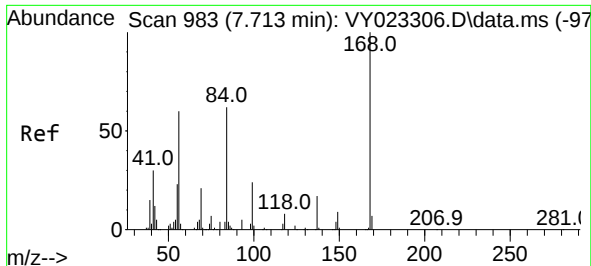
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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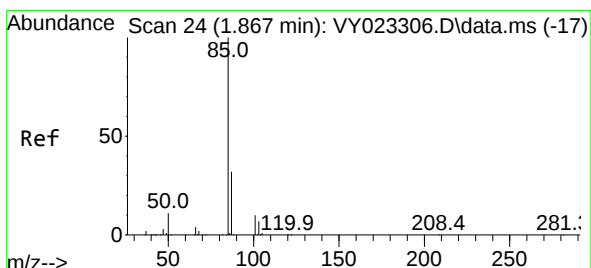
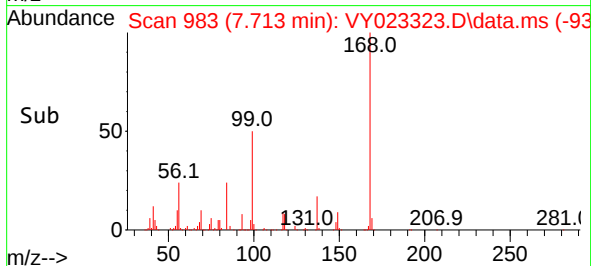
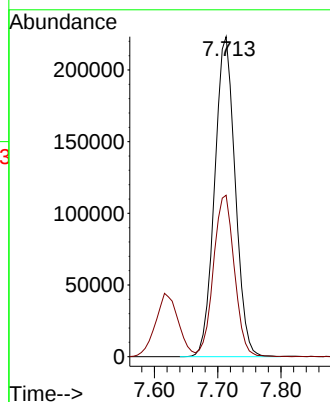
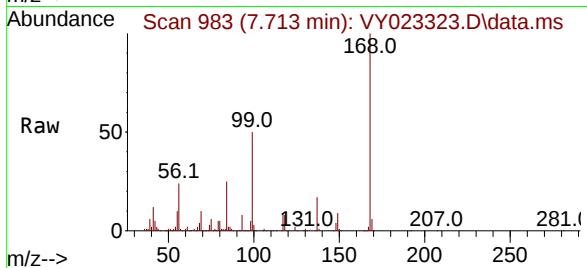




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023323.D
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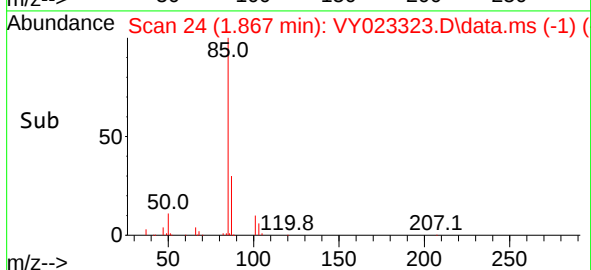
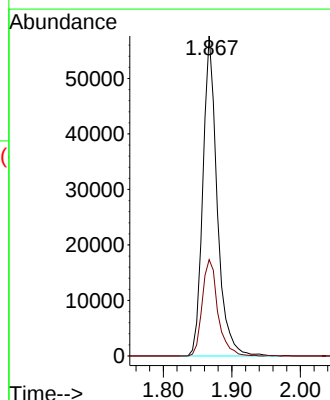
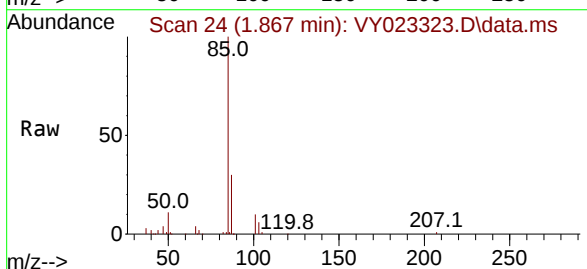
Instrument :
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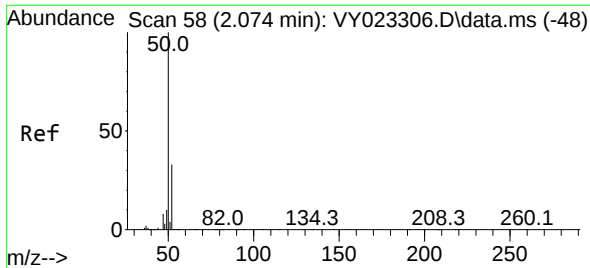
Tgt Ion:168 Resp: 502093
Ion Ratio Lower Upper
168 100
99 50.3 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 20.797 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 85 Resp: 83772
Ion Ratio Lower Upper
85 100
87 30.1 16.6 49.8

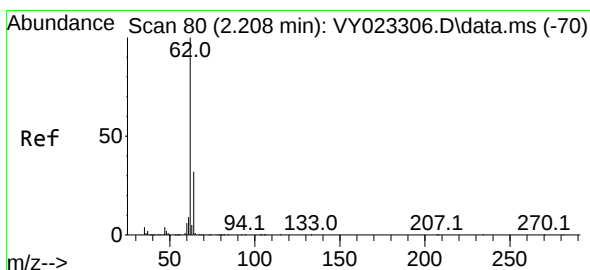
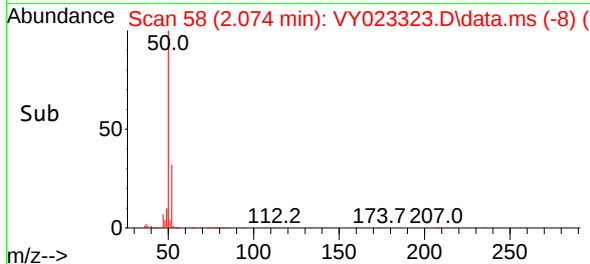
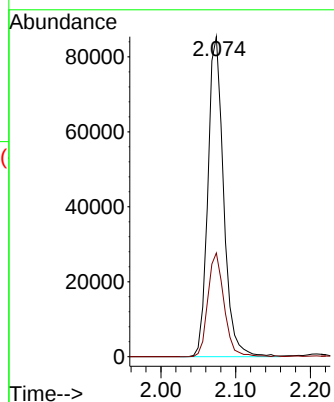
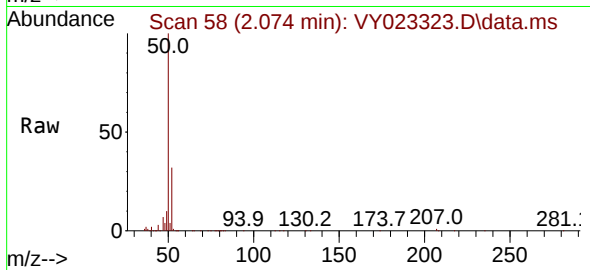




#3
Chloromethane
Concen: 21.660 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

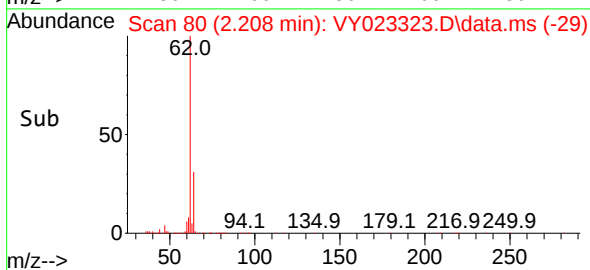
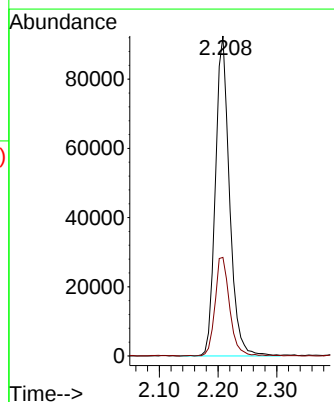
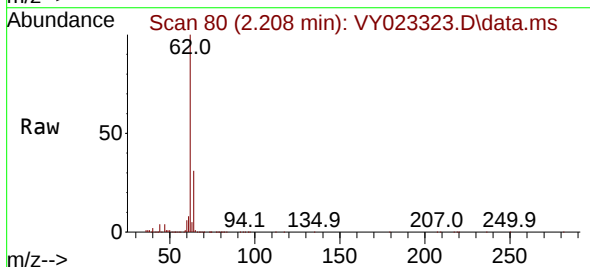
Instrument :
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ClientSampleId :
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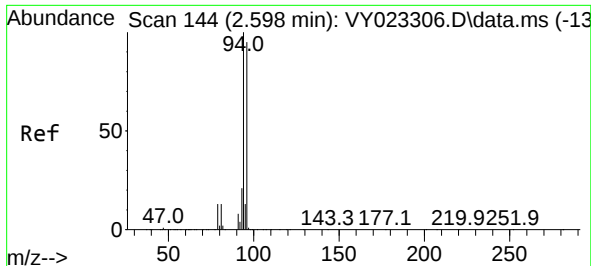
Tgt Ion: 50 Resp: 124849
Ion Ratio Lower Upper
50 100
52 32.4 26.7 40.1



#4
Vinyl Chloride
Concen: 21.257 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 62 Resp: 154360
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0

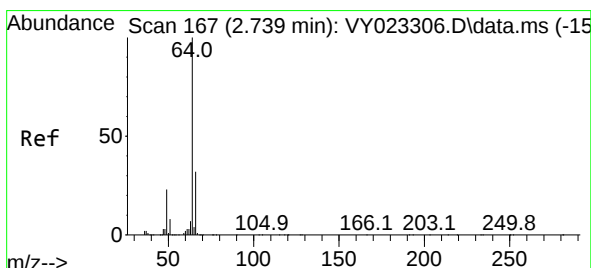
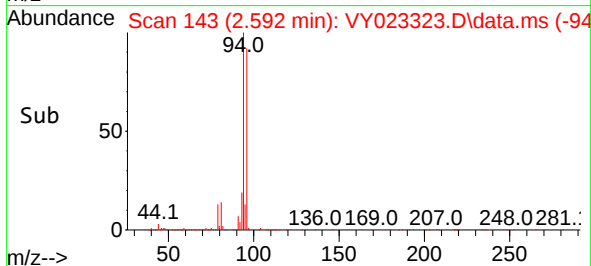
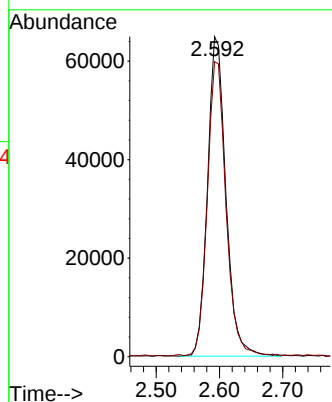
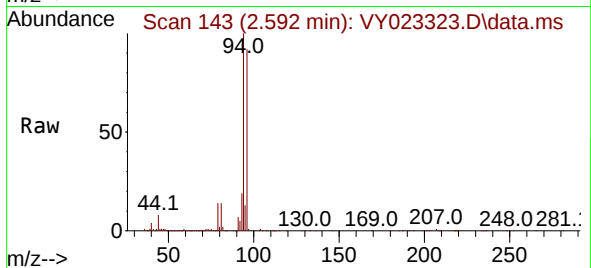




#5
Bromomethane
Concen: 22.105 ug/l
RT: 2.592 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

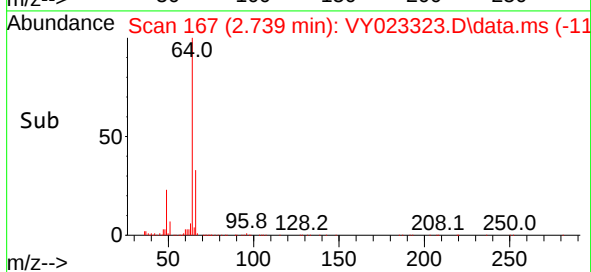
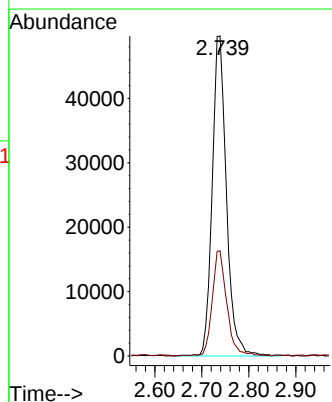
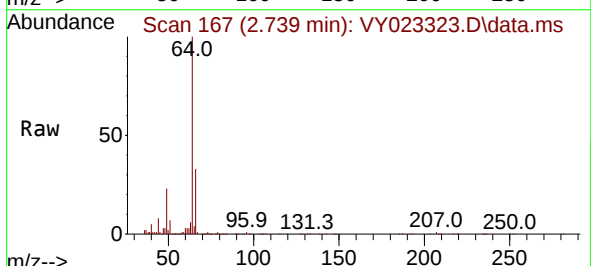
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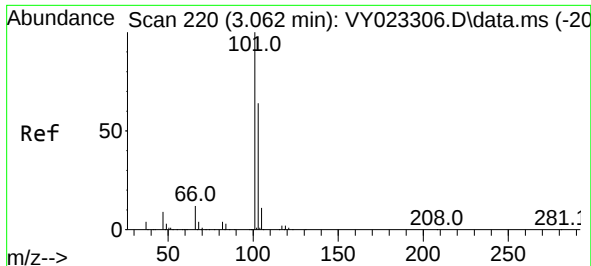
Tgt Ion: 94 Resp: 131063
Ion Ratio Lower Upper
94 100
96 91.8 74.6 112.0



#6
Chloroethane
Concen: 21.266 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 64 Resp: 104502
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6

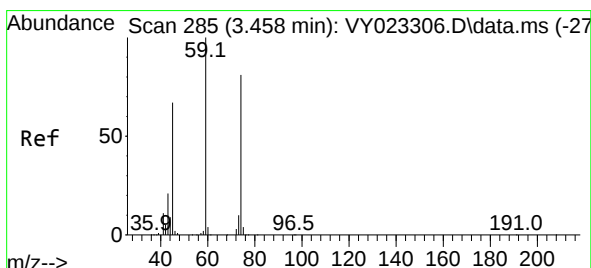
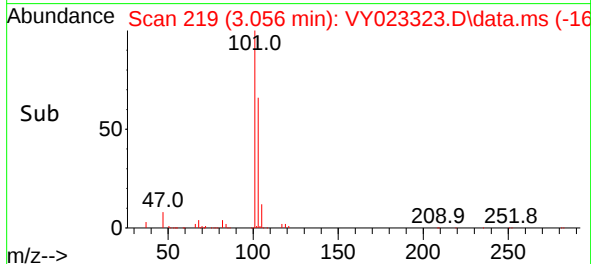
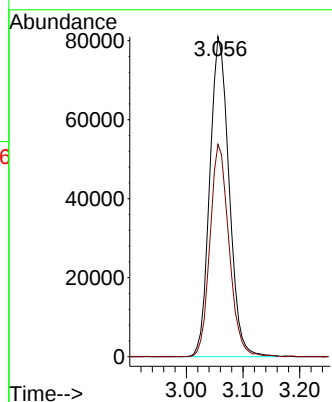
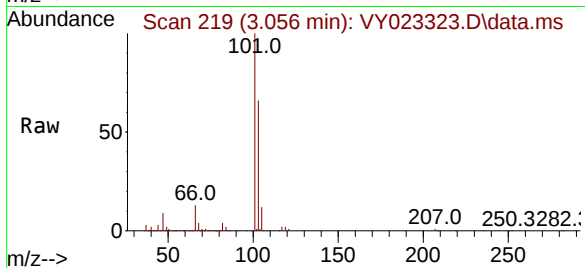




#7
Trichlorofluoromethane
Concen: 20.917 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

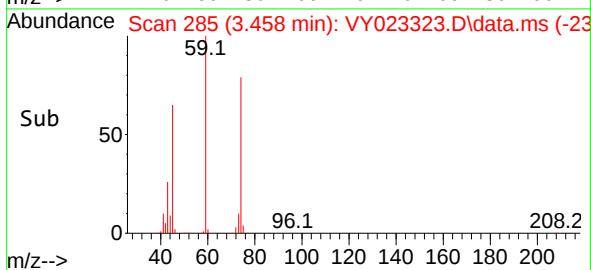
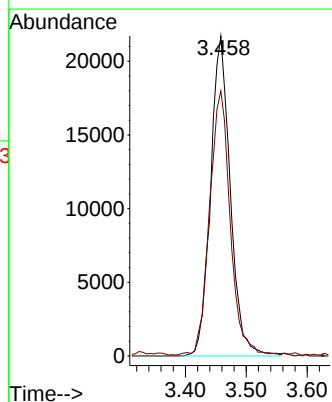
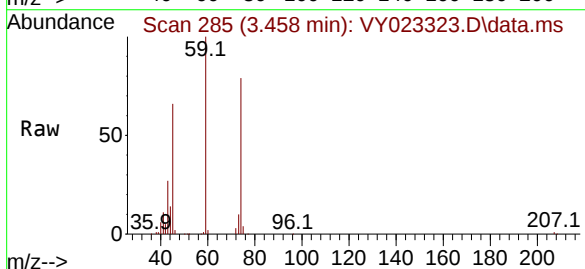
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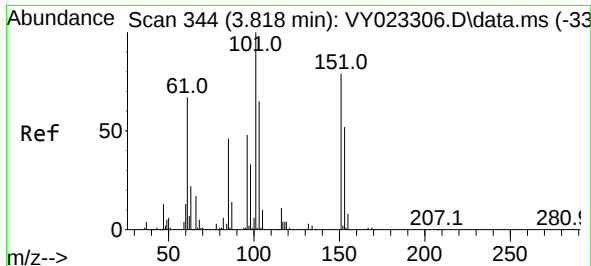
Tgt Ion:101 Resp: 191708
Ion Ratio Lower Upper
101 100
103 66.3 51.9 77.9



#8
Diethyl Ether
Concen: 20.133 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
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Acq: 10 Sep 2025 10:11

Tgt Ion: 74 Resp: 48823
Ion Ratio Lower Upper
74 100
45 86.0 44.4 133.2

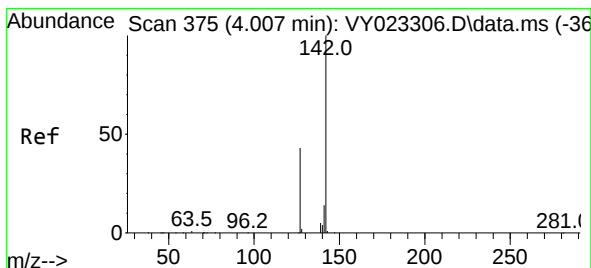
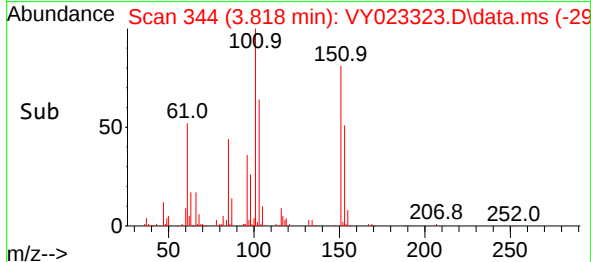
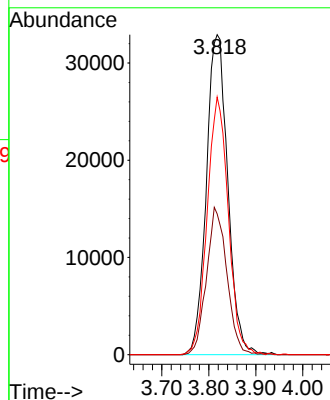
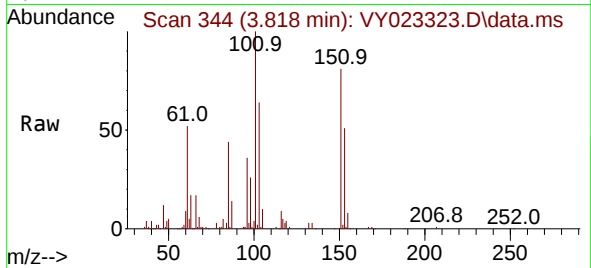




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.154 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

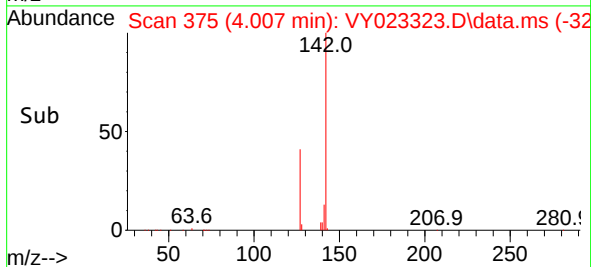
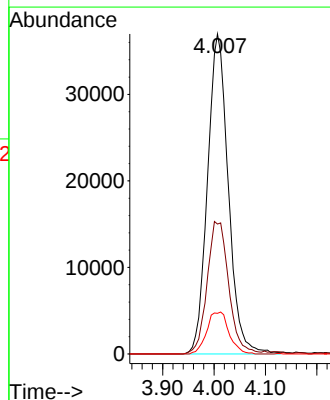
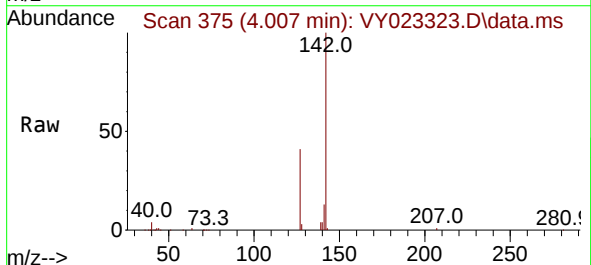
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

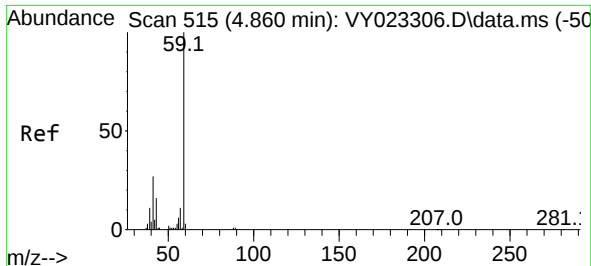
Tgt Ion:101 Resp: 104265
Ion Ratio Lower Upper
101 100
85 43.8 36.3 54.5
151 79.2 61.5 92.3



#10
Methyl Iodide
Concen: 18.071 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion:142 Resp: 103901
Ion Ratio Lower Upper
142 100
127 43.0 34.9 52.3
141 14.0 11.3 16.9

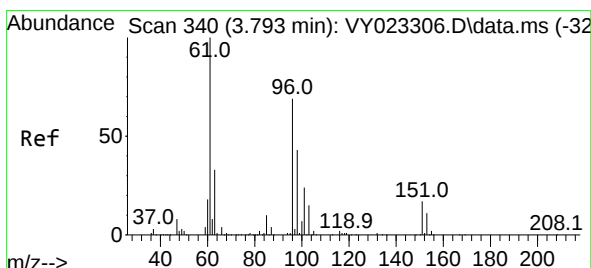
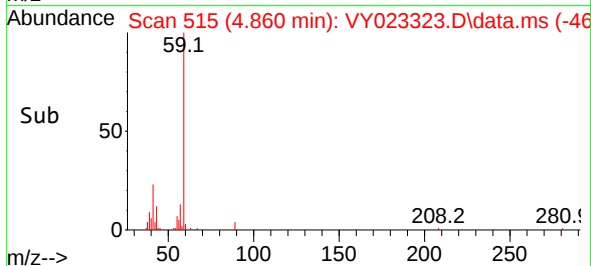
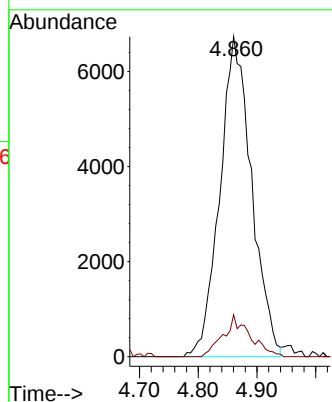
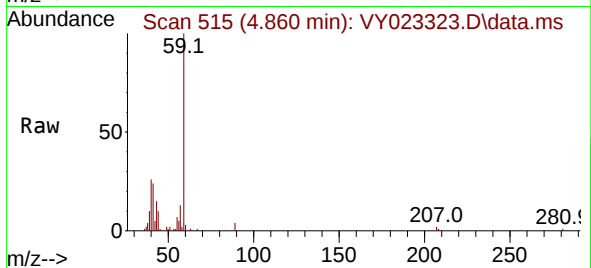




#11
Tert butyl alcohol
Concen: 99.227 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

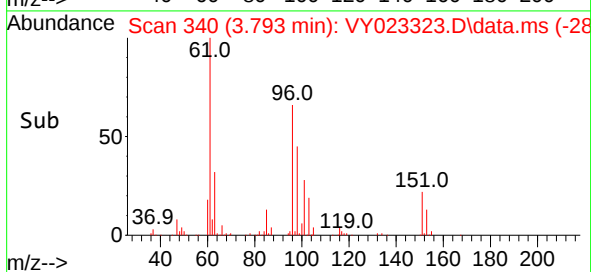
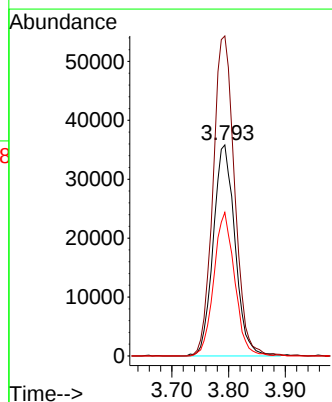
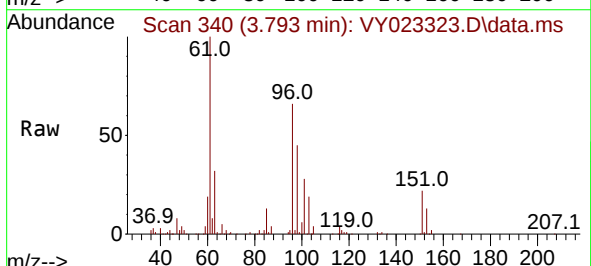
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

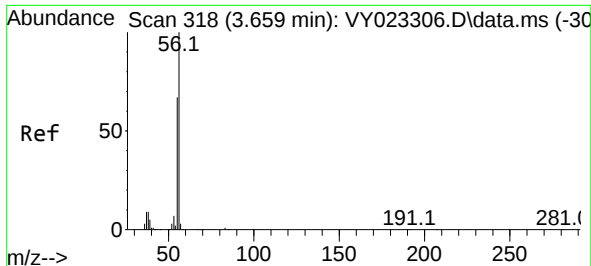
Tgt Ion: 59 Resp: 25296
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0



#12
1,1-Dichloroethene
Concen: 20.112 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 96 Resp: 95363
Ion Ratio Lower Upper
96 100
61 151.7 129.4 194.2
98 68.0 52.8 79.2

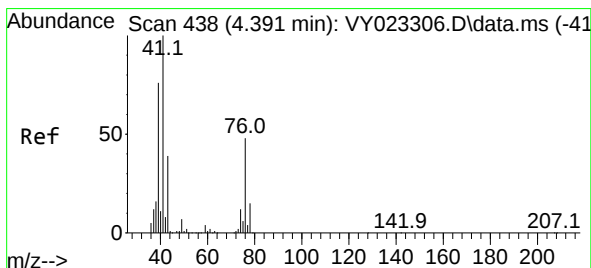
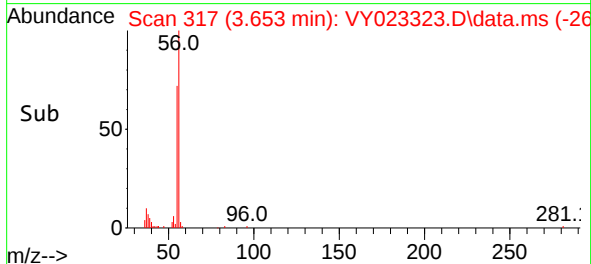
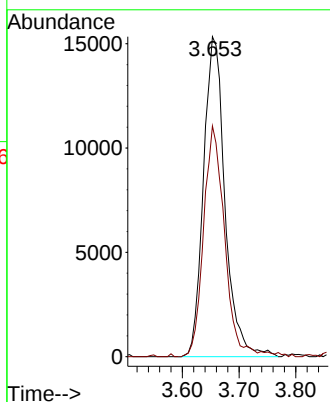
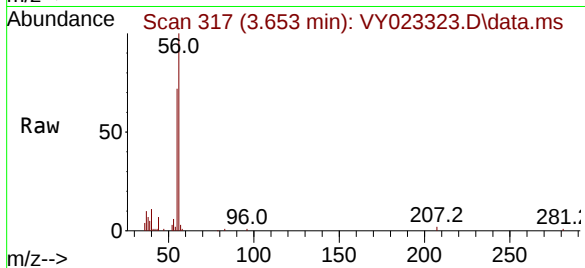




#13
Acrolein
Concen: 93.593 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

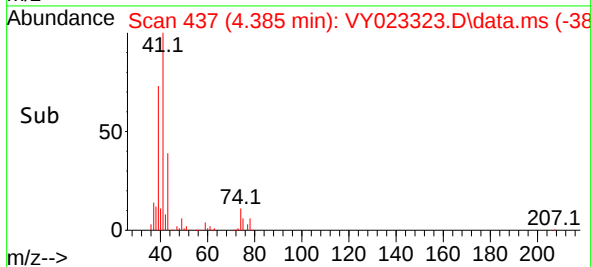
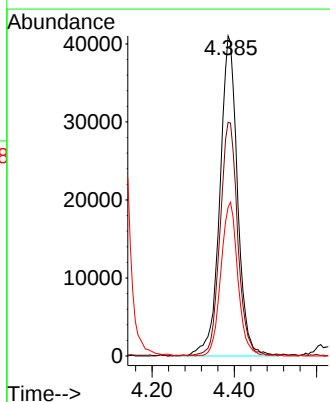
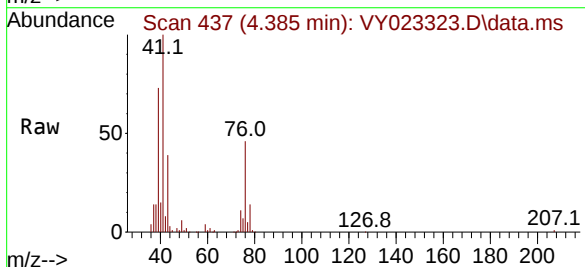
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

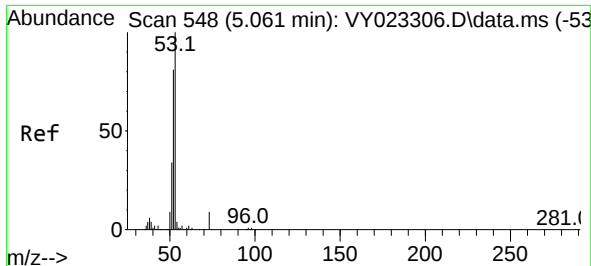
Tgt Ion: 56 Resp: 40337
Ion Ratio Lower Upper
56 100
55 70.6 55.2 82.8



#14
Allyl chloride
Concen: 20.424 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 41 Resp: 122336
Ion Ratio Lower Upper
41 100
39 73.4 59.8 89.6
76 46.3 33.7 50.5

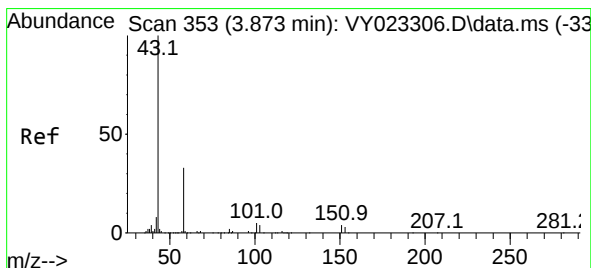
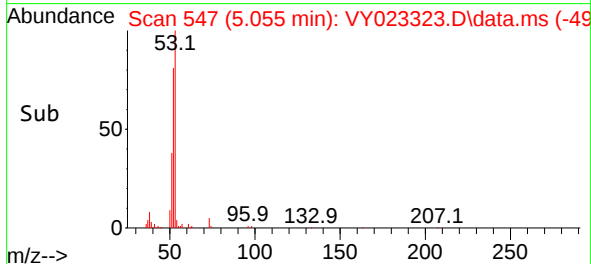
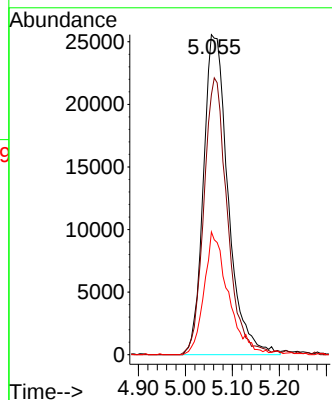
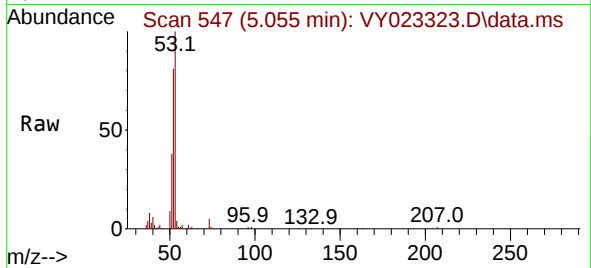




#15
Acrylonitrile
Concen: 97.849 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

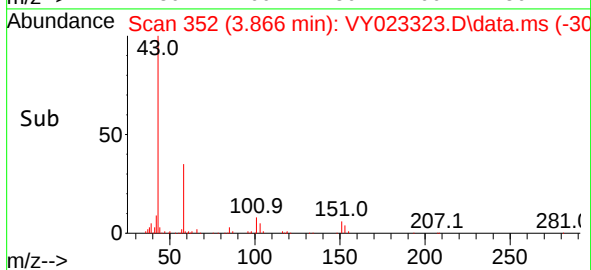
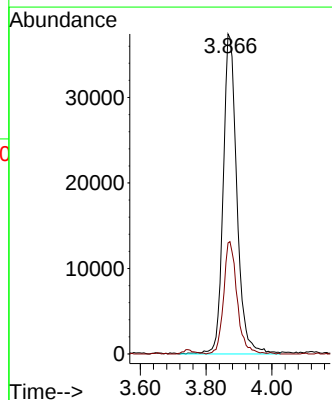
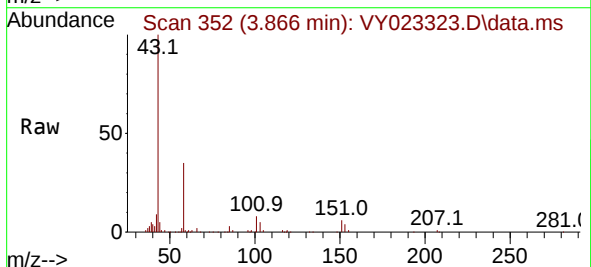
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

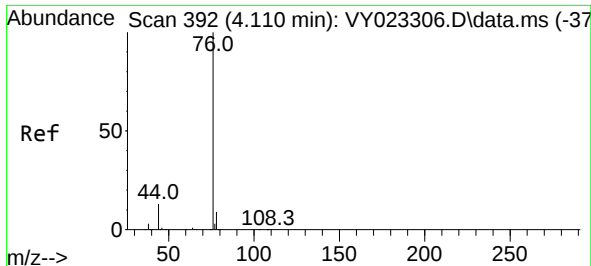
Tgt Ion: 53 Resp: 93413
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 37.5 29.5 44.3



#16
Acetone
Concen: 107.667 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 43 Resp: 108202
Ion Ratio Lower Upper
43 100
58 34.7 27.1 40.7

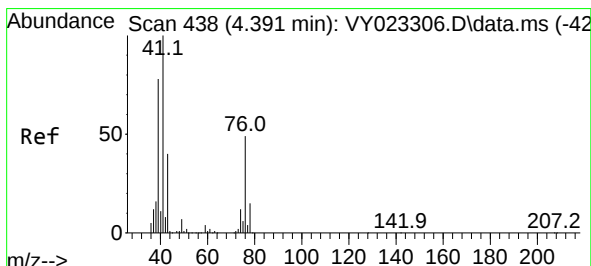
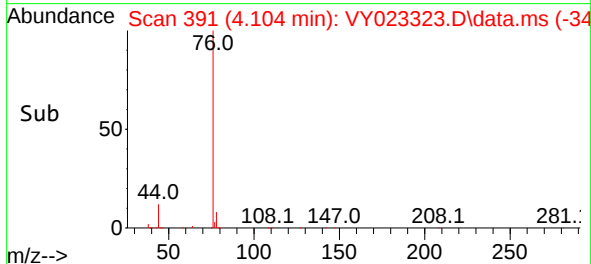
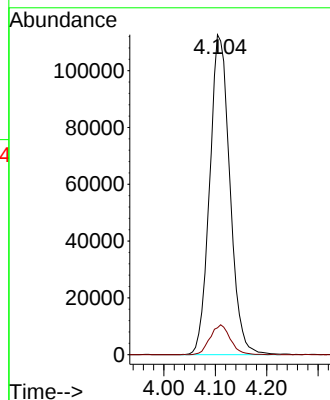
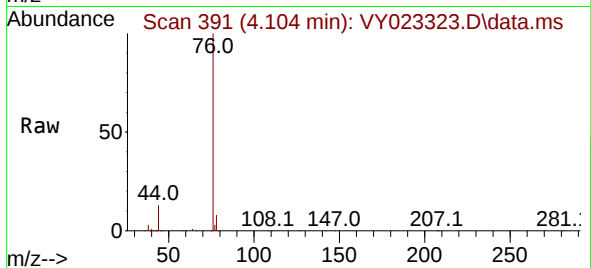




#17
Carbon Disulfide
Concen: 20.497 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

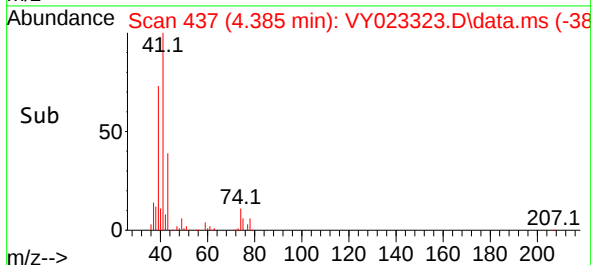
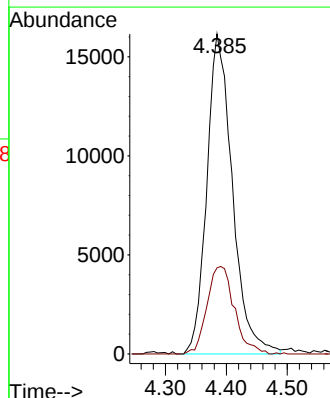
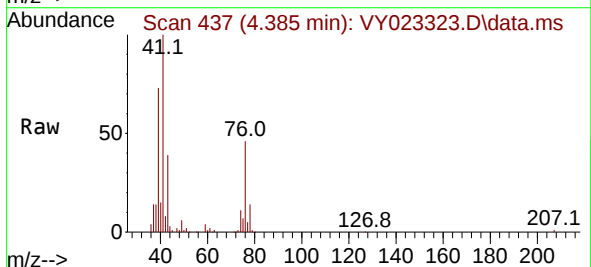
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

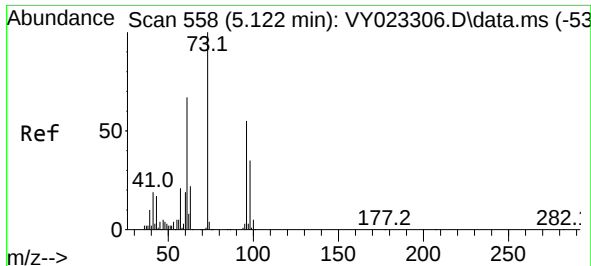
Tgt Ion: 76 Resp: 307699
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#18
Methyl Acetate
Concen: 19.114 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 43 Resp: 47119
Ion Ratio Lower Upper
43 100
74 29.1 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 20.077 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

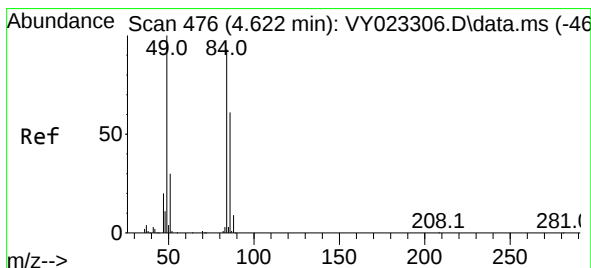
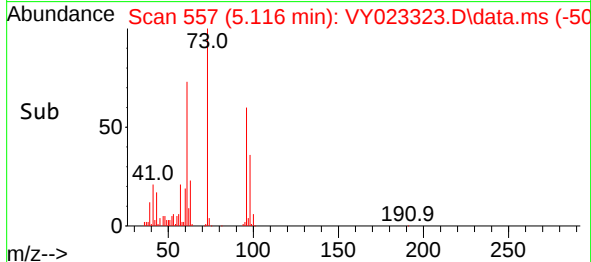
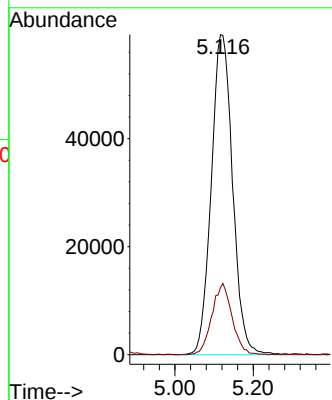
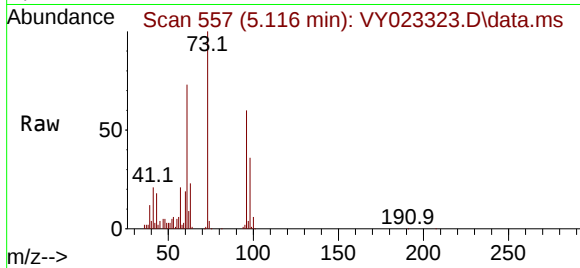
VY0910SBS01

Tgt Ion: 73 Resp: 223833

Ion Ratio Lower Upper

73 100

57 21.0 17.1 25.7



#20

Methylene Chloride

Concen: 23.217 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Tgt Ion: 84 Resp: 124829

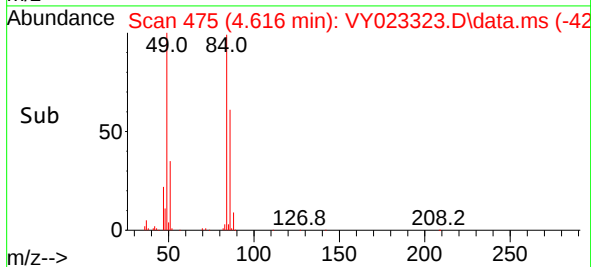
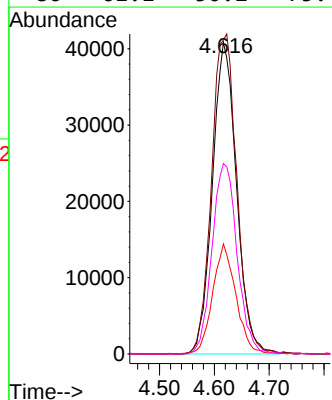
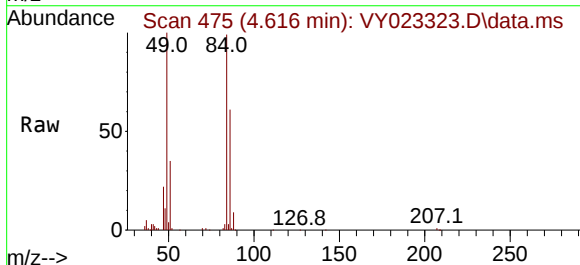
Ion Ratio Lower Upper

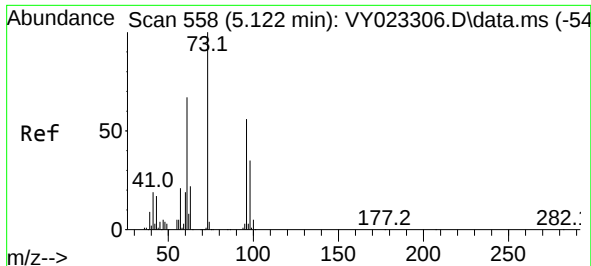
84 100

49 100.8 93.0 139.6

51 35.4 29.0 43.4

86 61.1 50.2 75.4

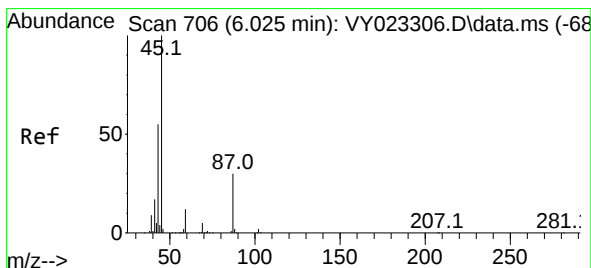
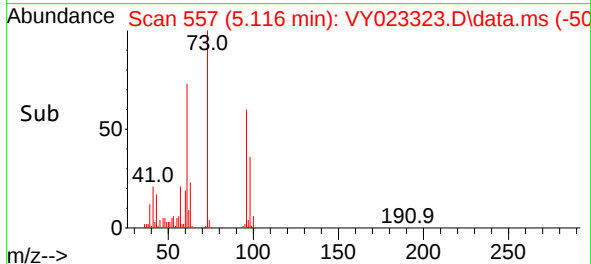
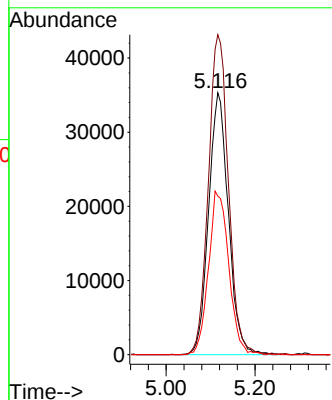
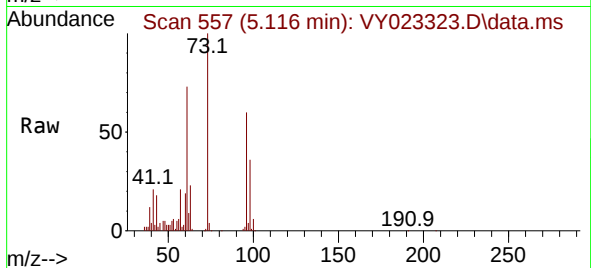




#21
trans-1,2-Dichloroethene
Concen: 20.657 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

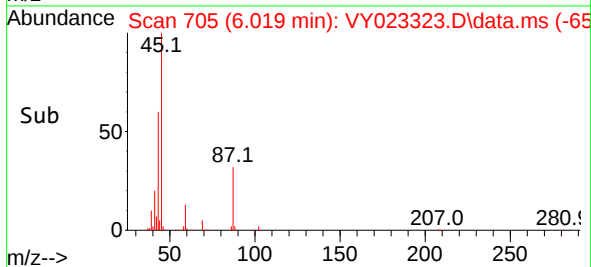
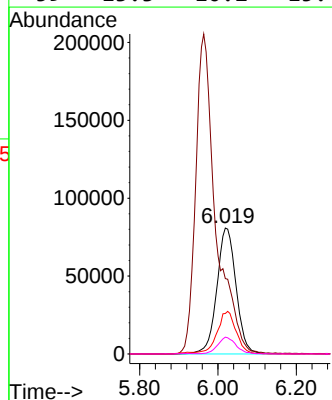
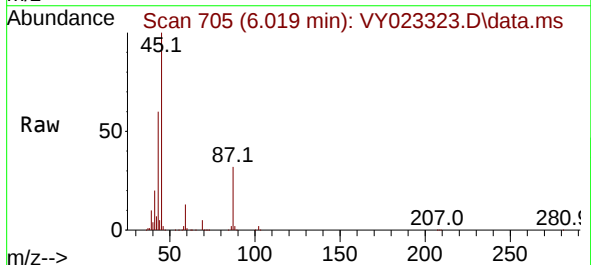
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

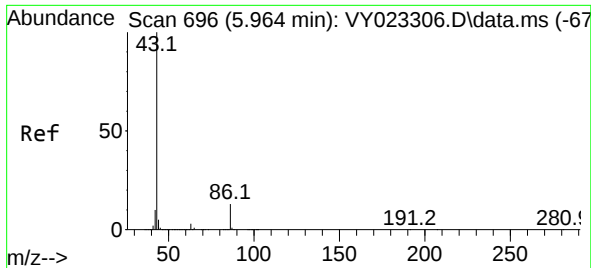
Tgt Ion: 96 Resp: 109436
Ion Ratio Lower Upper
96 100
61 122.1 104.8 157.2
98 60.6 50.1 75.1



#22
Diisopropyl ether
Concen: 20.698 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 45 Resp: 276095
Ion Ratio Lower Upper
45 100
43 59.2 43.4 65.0
87 32.2 24.4 36.6
59 13.3 10.2 15.4

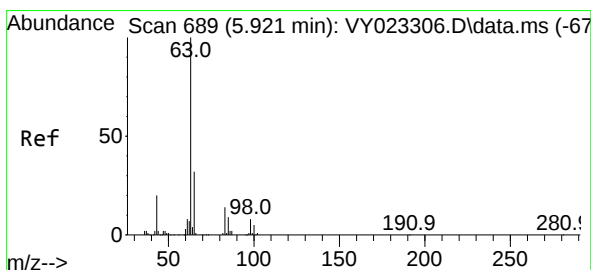
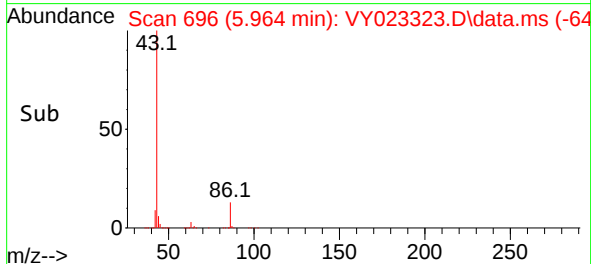
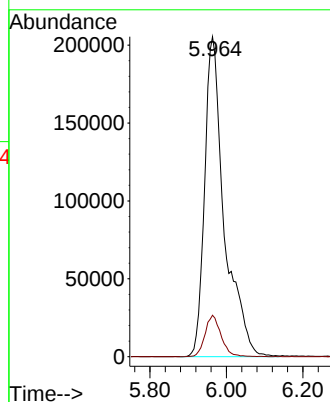
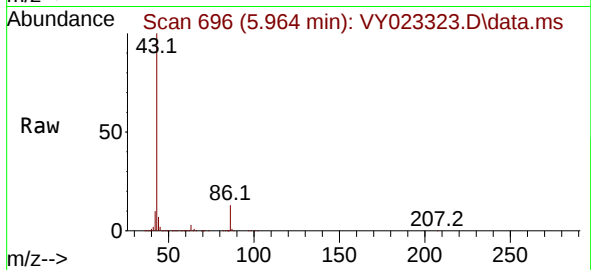




#23
 Vinyl Acetate
 Concen: 99.652 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023323.D
 Acq: 10 Sep 2025 10:11

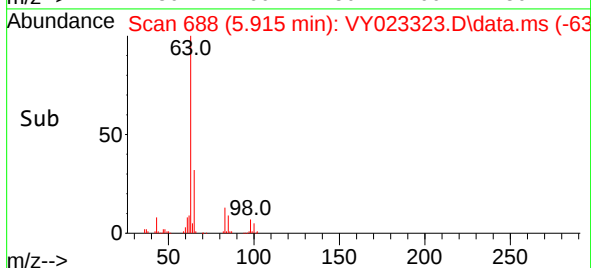
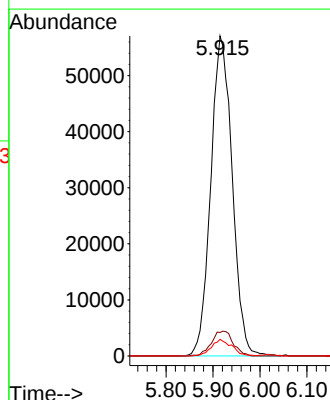
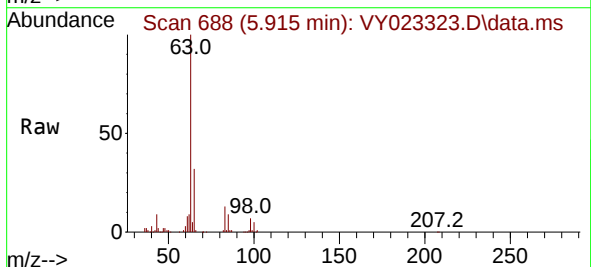
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBS01

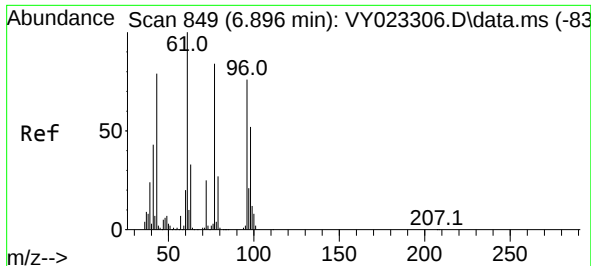
Tgt Ion: 43 Resp: 734886
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.732 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023323.D
 Acq: 10 Sep 2025 10:11

Tgt Ion: 63 Resp: 180883
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 5.2 2.4 7.1





#25

2-Butanone

Concen: 104.167 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

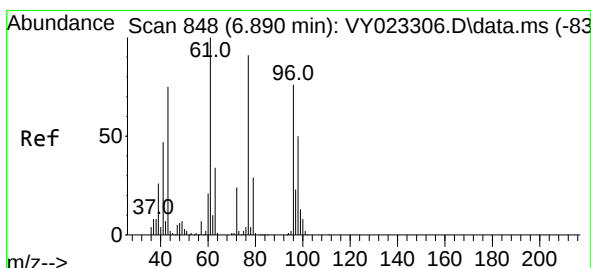
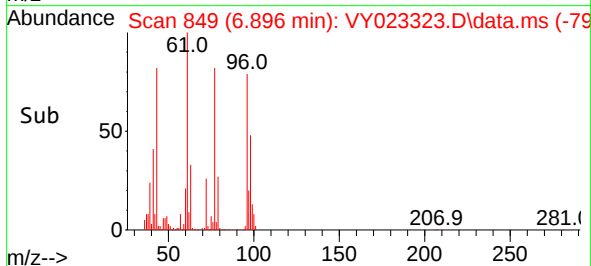
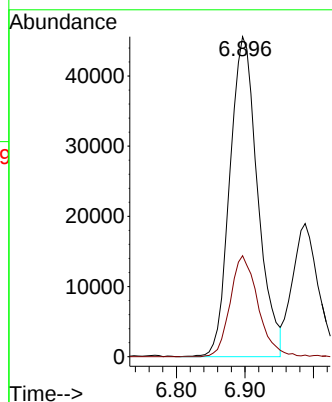
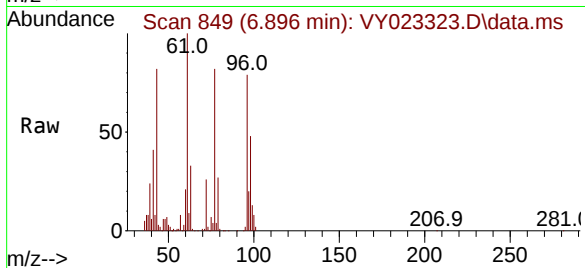
VY0910SBS01

Tgt Ion: 43 Resp: 128844

Ion Ratio Lower Upper

43 100

72 31.5 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.721 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023323.D

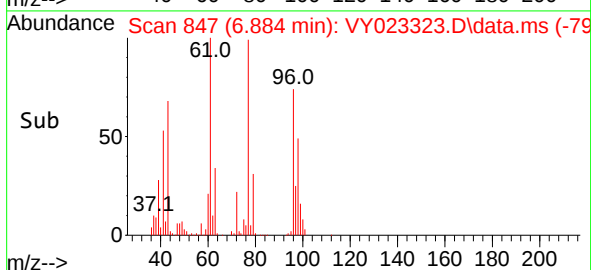
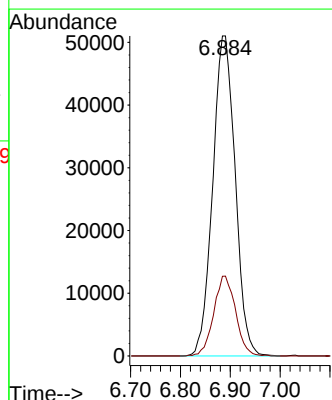
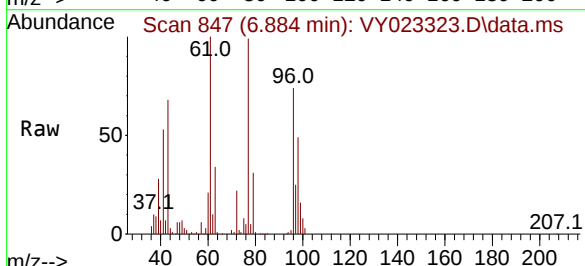
Acq: 10 Sep 2025 10:11

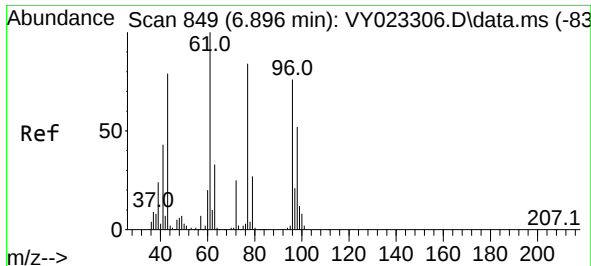
Tgt Ion: 77 Resp: 159633

Ion Ratio Lower Upper

77 100

97 24.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.576 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

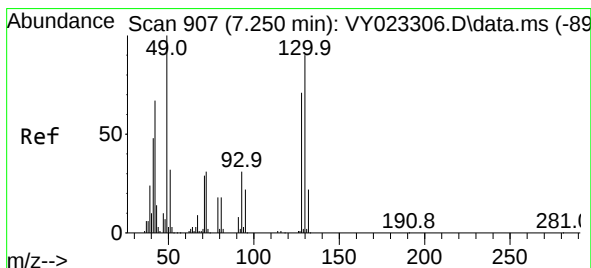
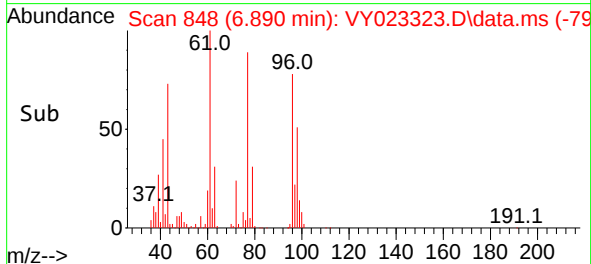
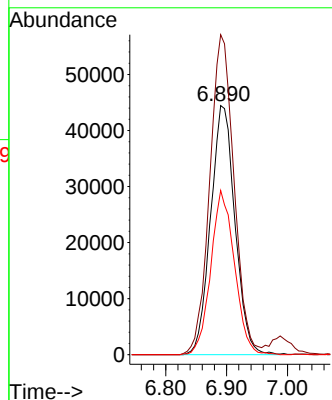
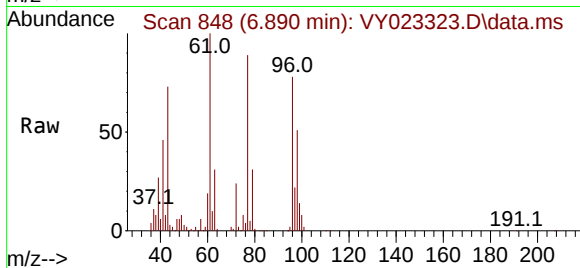
Tgt Ion: 96 Resp: 123443

Ion Ratio Lower Upper

96 100

61 128.3 0.0 278.6

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 19.920 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

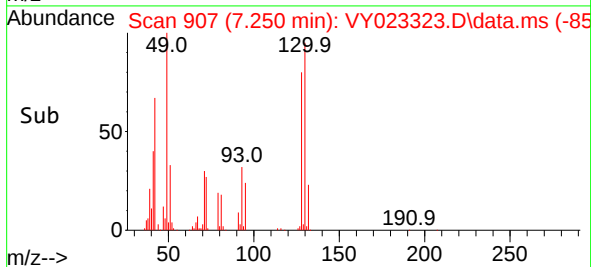
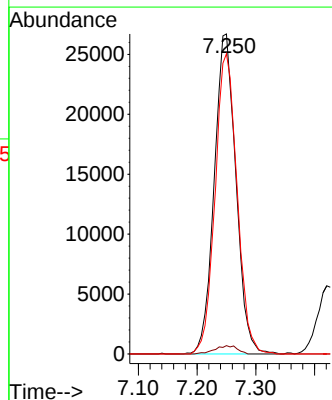
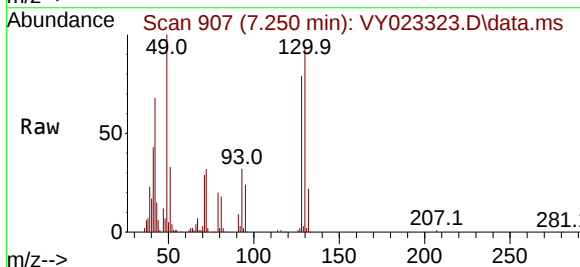
Tgt Ion: 49 Resp: 68387

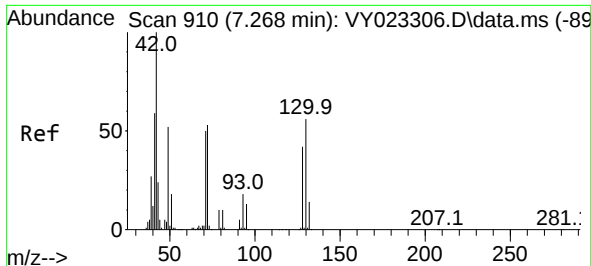
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 95.2 66.4 99.6





#29

Tetrahydrofuran

Concen: 97.583 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

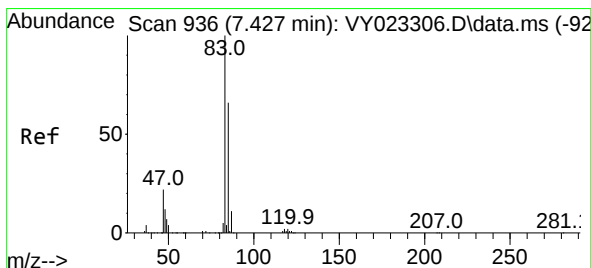
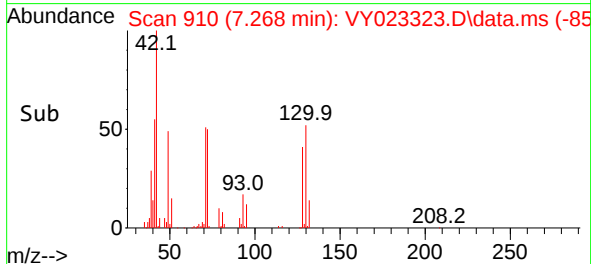
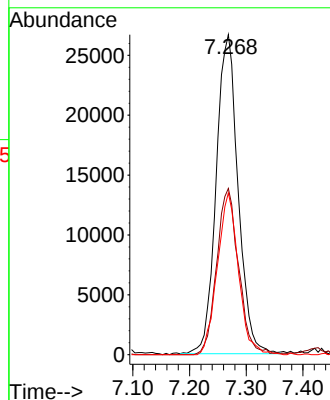
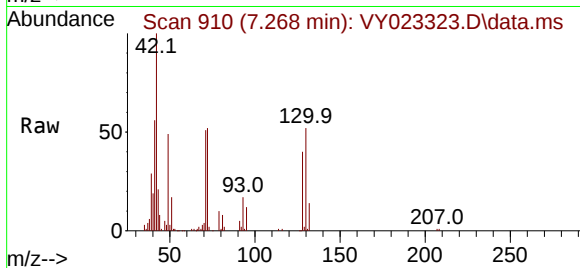
Tgt Ion: 42 Resp: 71592

Ion Ratio Lower Upper

42 100

72 51.9 39.4 59.2

71 48.8 36.5 54.7



#30

Chloroform

Concen: 20.702 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023323.D

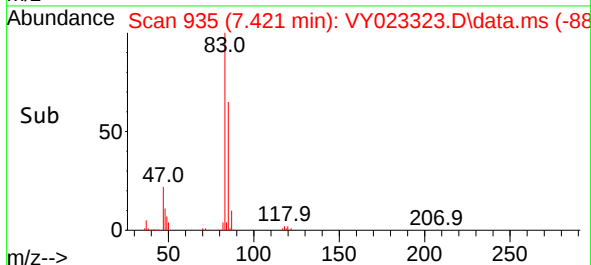
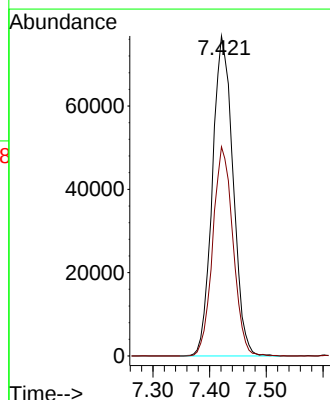
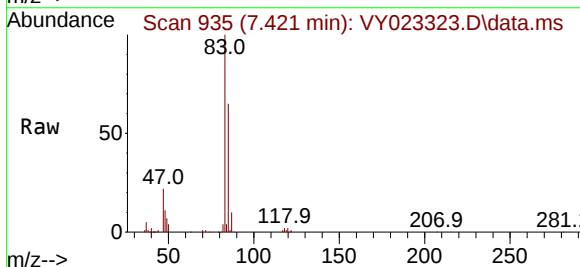
Acq: 10 Sep 2025 10:11

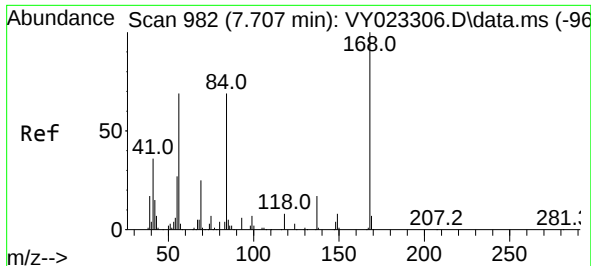
Tgt Ion: 83 Resp: 194077

Ion Ratio Lower Upper

83 100

85 65.4 53.8 80.8

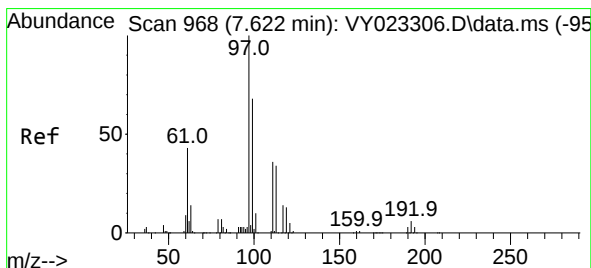
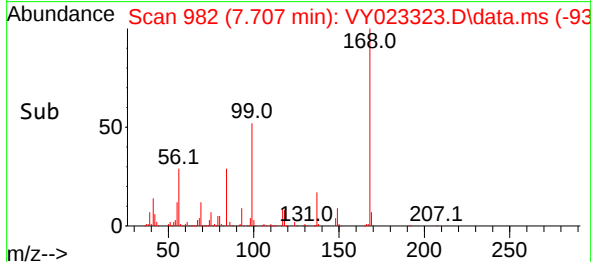
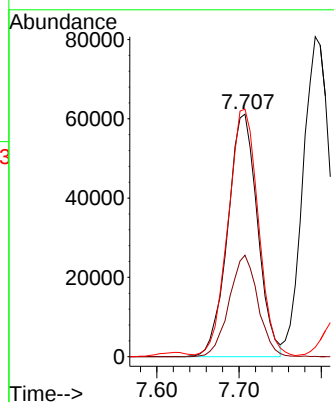
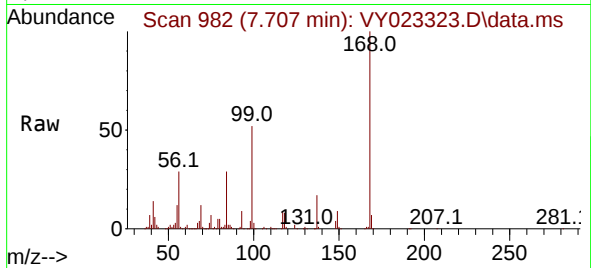




#31
Cyclohexane
Concen: 19.986 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

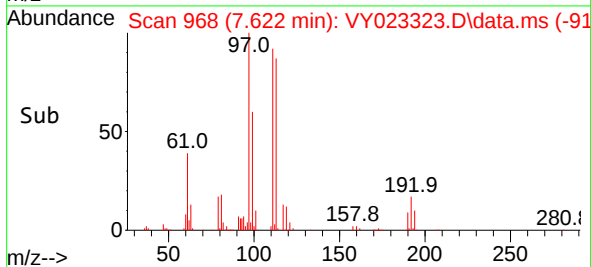
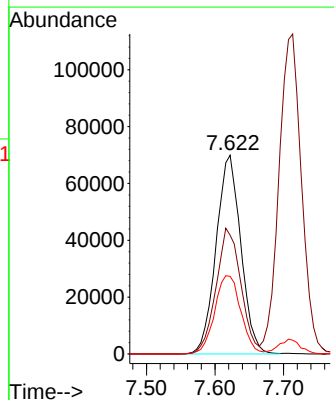
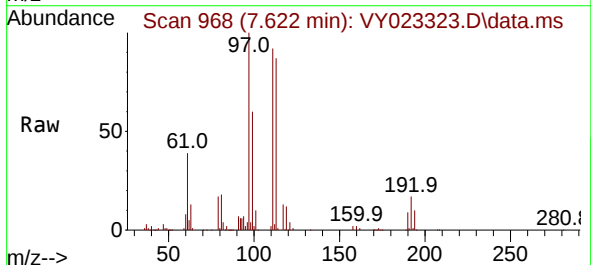
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

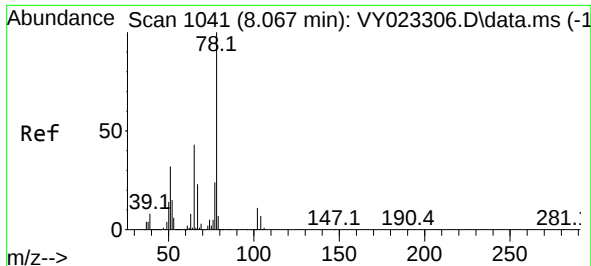
Tgt Ion: 56 Resp: 154305
Ion Ratio Lower Upper
56 100
69 41.9 28.2 42.2
84 100.3 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.916 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 97 Resp: 175185
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 41.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.580 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

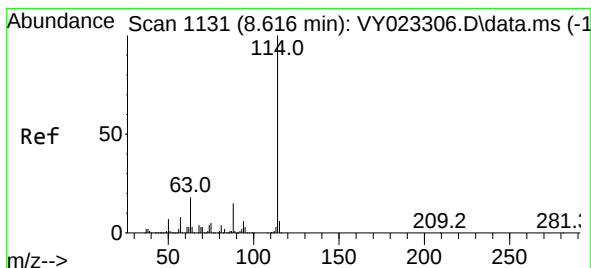
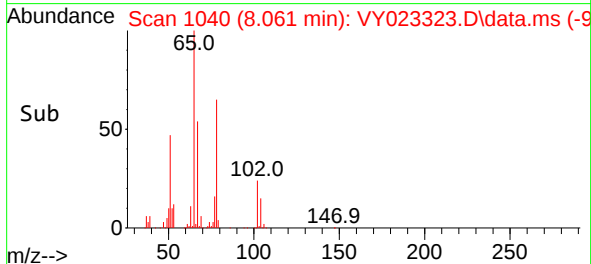
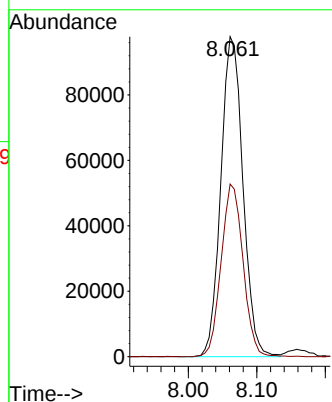
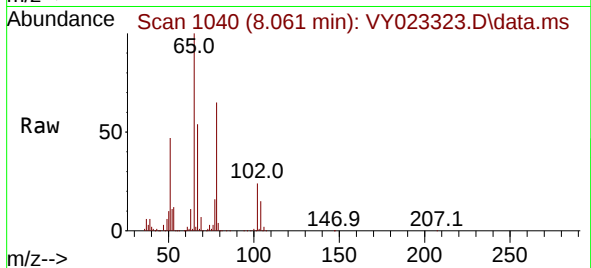
VY0910SBS01

Tgt Ion: 65 Resp: 218744

Ion Ratio Lower Upper

65 100

67 53.5 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: VY023323.D

Acq: 10 Sep 2025 10:11

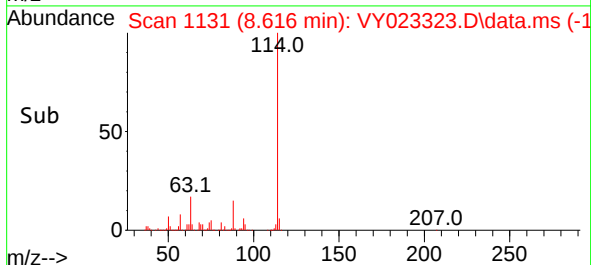
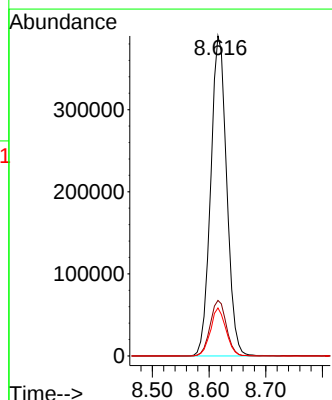
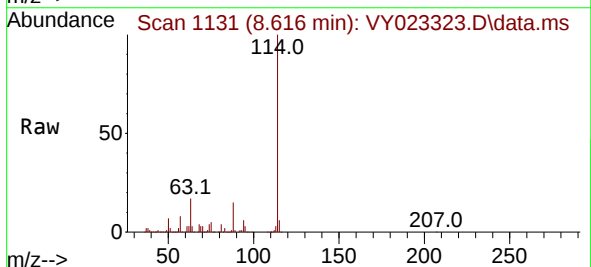
Tgt Ion: 114 Resp: 763457

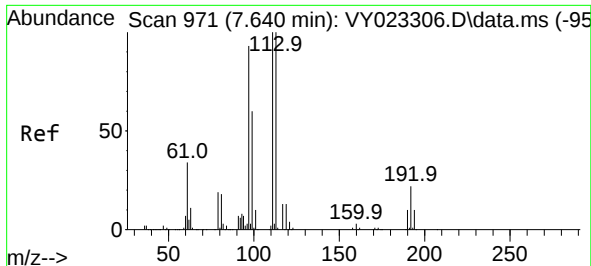
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

88 15.0 0.0 30.0

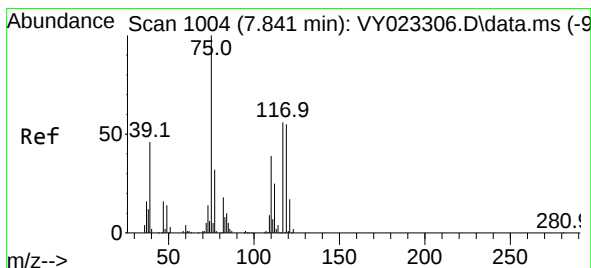
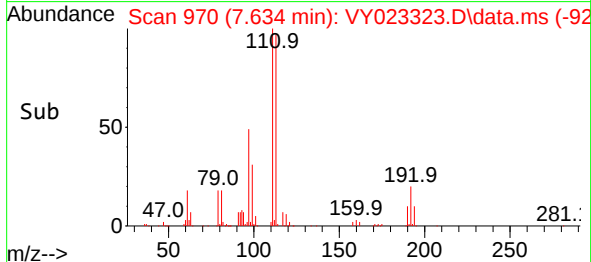
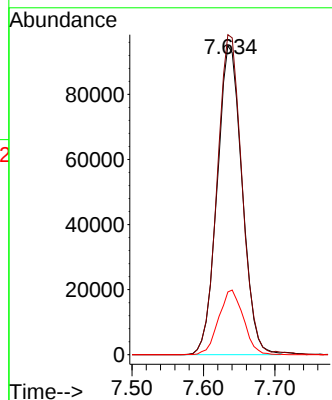
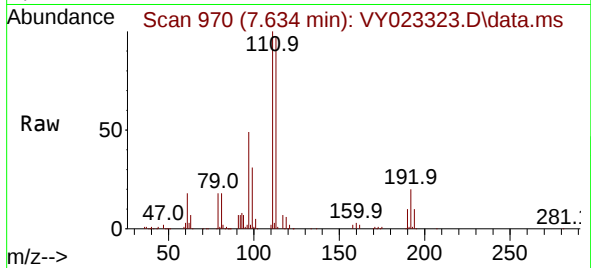




#35
Dibromofluoromethane
Concen: 49.290 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

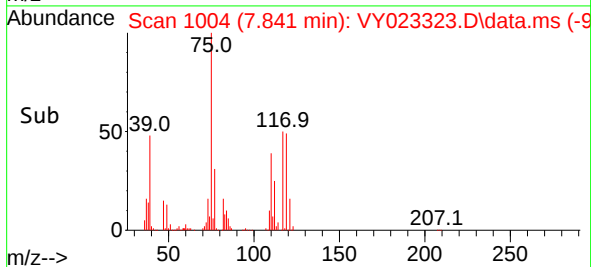
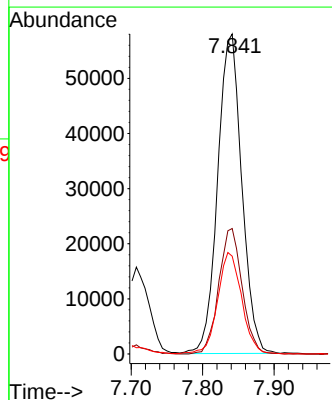
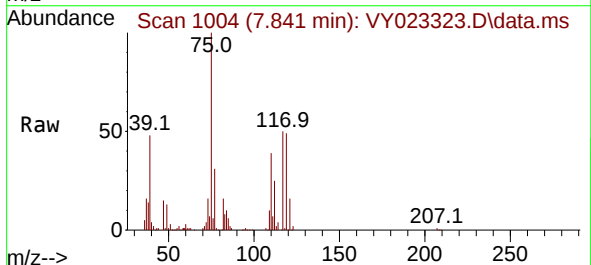
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

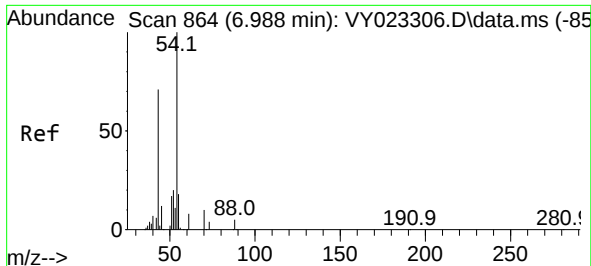
Tgt Ion:113 Resp: 230025
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 20.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.447 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 75 Resp: 135903
Ion Ratio Lower Upper
75 100
110 38.0 18.1 54.4
77 31.7 24.6 37.0

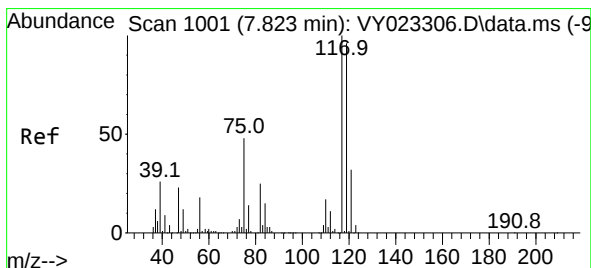
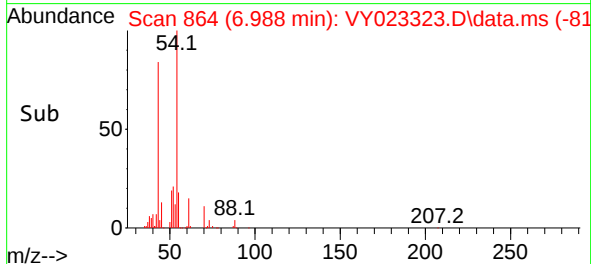
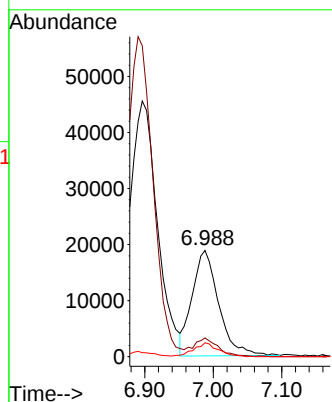
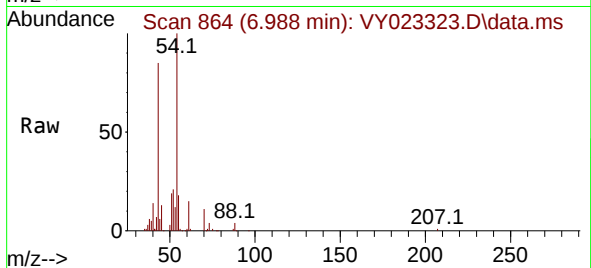




#37
Ethyl Acetate
Concen: 19.214 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

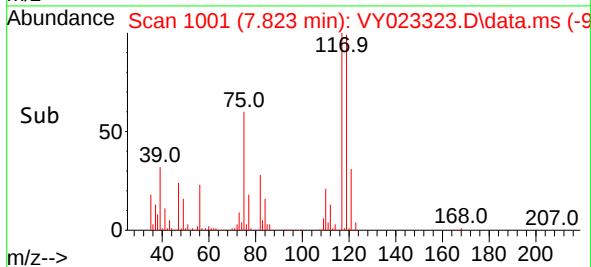
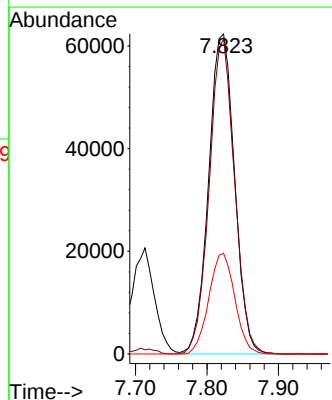
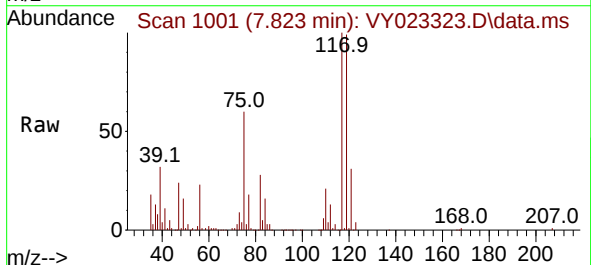
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

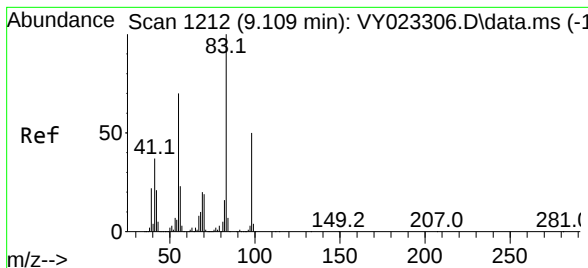
Tgt Ion: 43 Resp: 50803
Ion Ratio Lower Upper
43 100
61 15.7 11.9 17.9
70 12.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.522 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 117 Resp: 156951
Ion Ratio Lower Upper
117 100
119 98.6 75.6 113.4
121 31.4 25.8 38.8





#39

Methylcyclohexane

Concen: 20.195 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

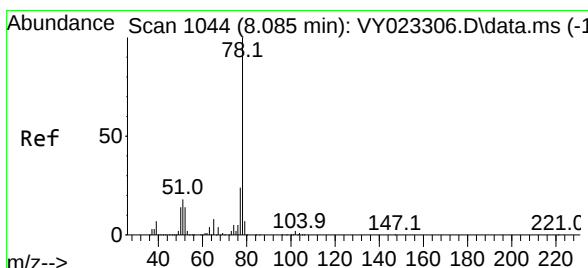
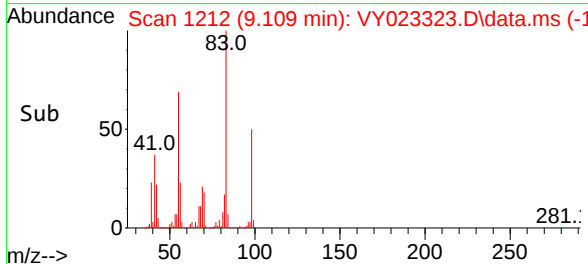
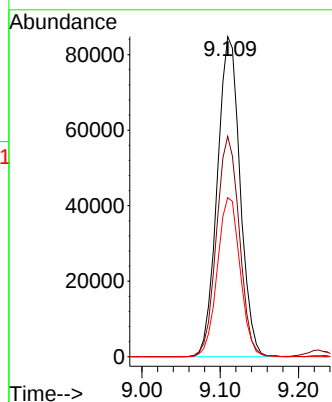
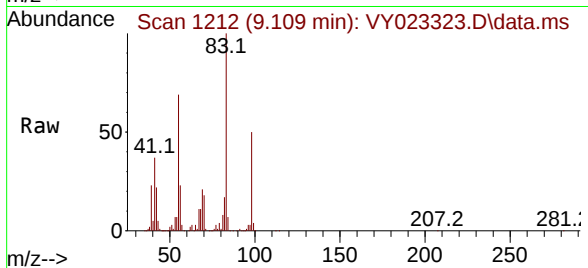
Tgt Ion: 83 Resp: 171725

Ion Ratio Lower Upper

83 100

55 68.9 57.6 86.4

98 49.7 39.2 58.8



#40

Benzene

Concen: 20.682 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023323.D

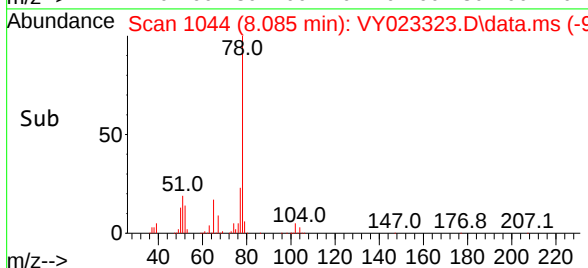
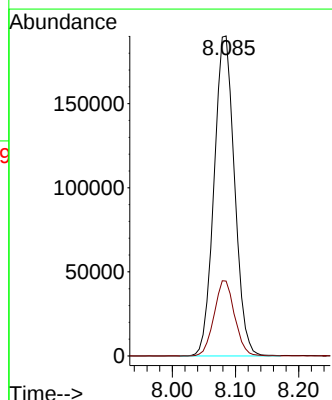
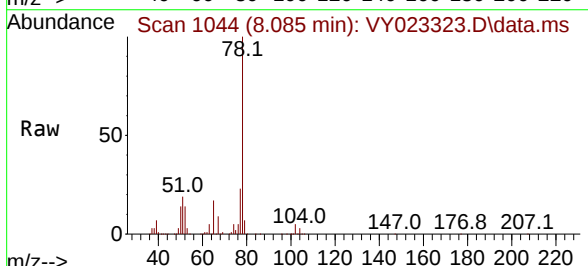
Acq: 10 Sep 2025 10:11

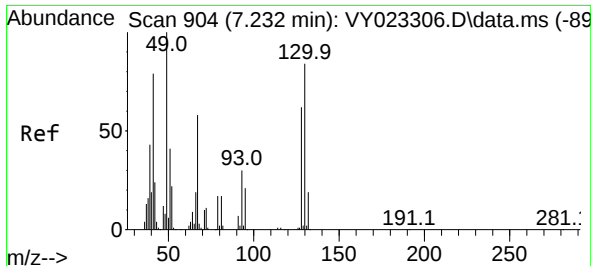
Tgt Ion: 78 Resp: 427299

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0

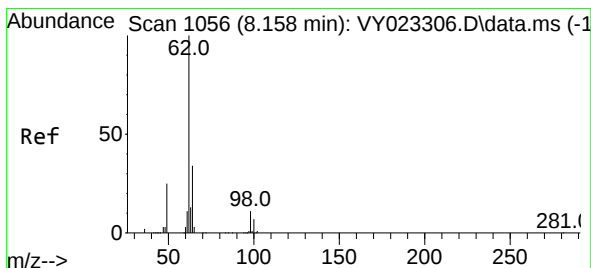
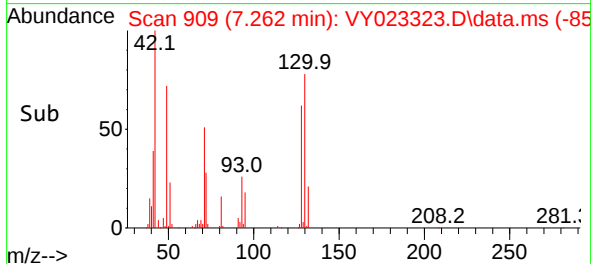
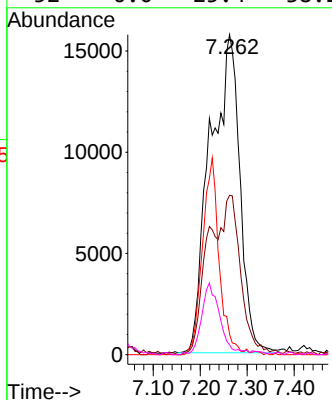
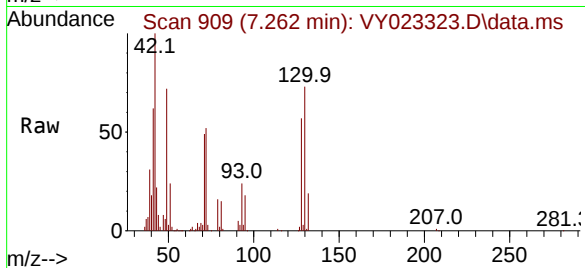




#41
Methacrylonitrile
Concen: 50.131 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

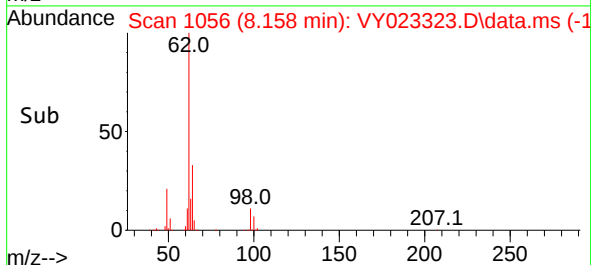
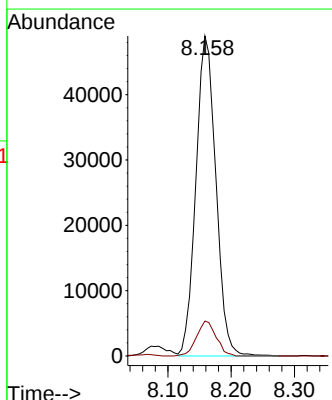
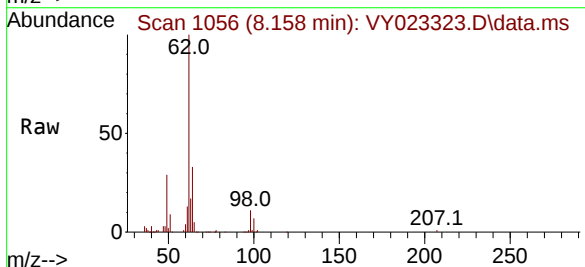
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

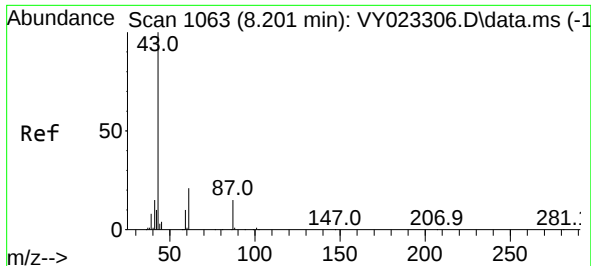
Tgt Ion: 41 Resp: 68641
Ion Ratio Lower Upper
41 100
39 25.4 43.4 65.2#
67 0.0 63.6 95.4#
52 0.0 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 20.502 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 62 Resp: 107843
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.6

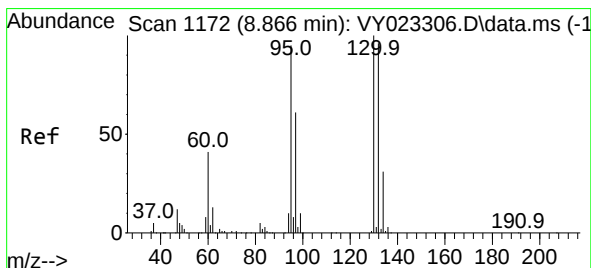
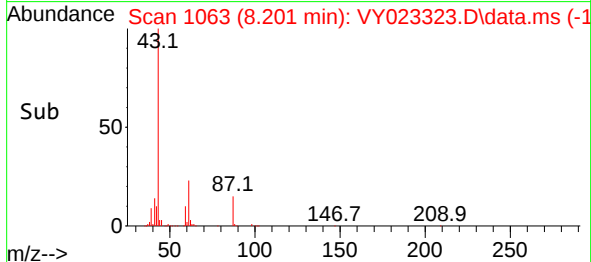
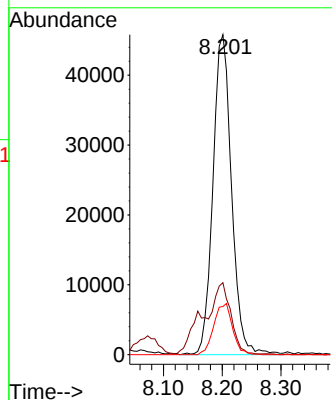
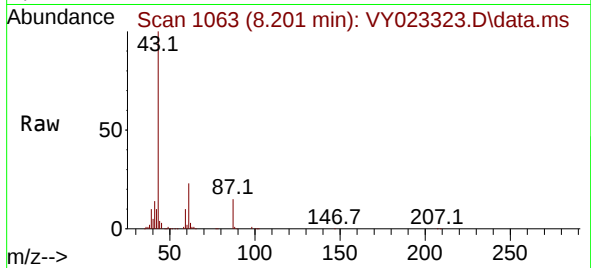




#43
Isopropyl Acetate
Concen: 19.605 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

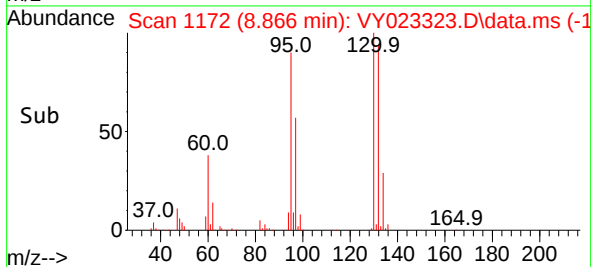
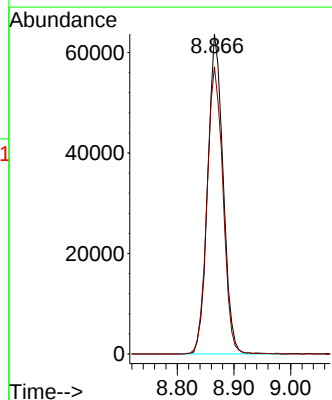
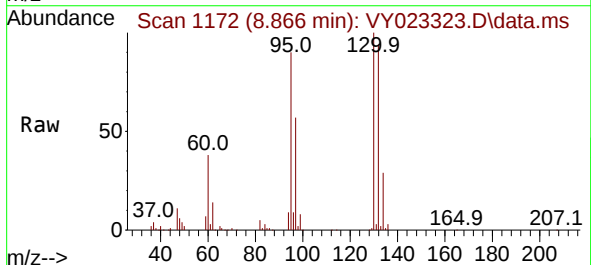
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

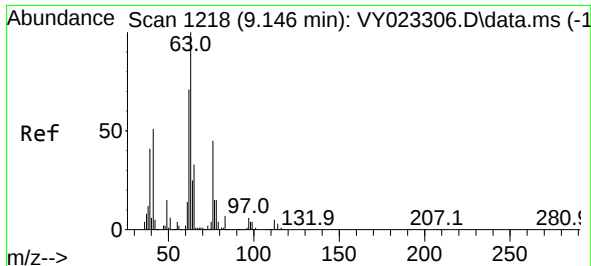
Tgt Ion: 43 Resp: 100820
Ion Ratio Lower Upper
43 100
61 20.5 16.4 24.6
87 16.1 11.8 17.6



#44
Trichloroethene
Concen: 20.892 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion:130 Resp: 120223
Ion Ratio Lower Upper
130 100
95 89.7 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.561 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

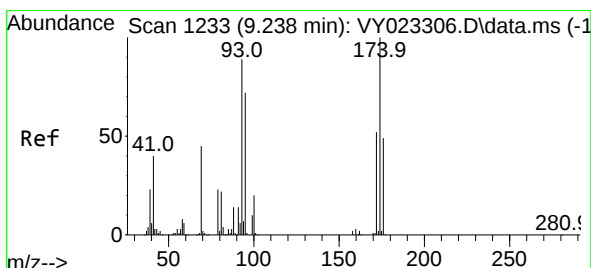
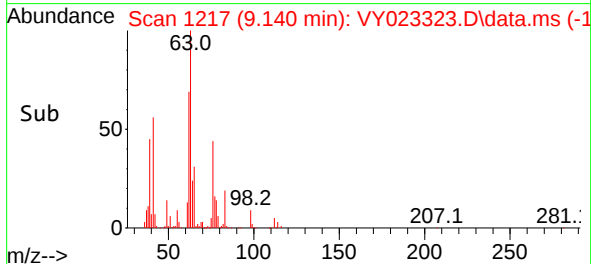
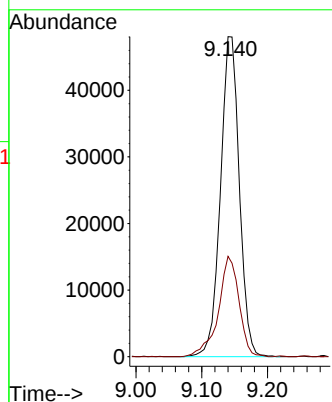
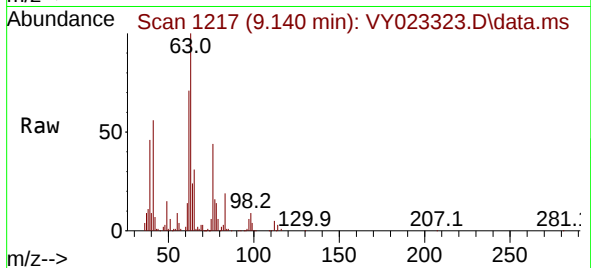
VY0910SBS01

Tgt Ion: 63 Resp: 95935

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9



#46

Dibromomethane

Concen: 20.683 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

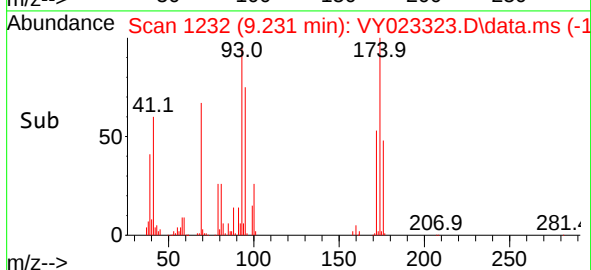
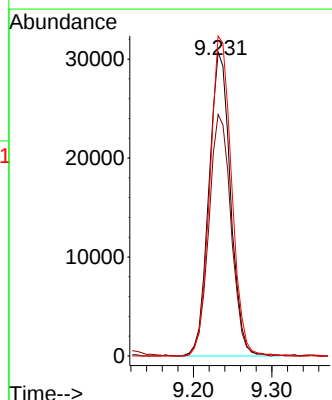
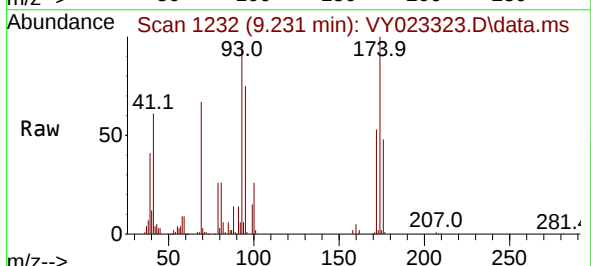
Tgt Ion: 93 Resp: 58770

Ion Ratio Lower Upper

93 100

95 81.7 66.5 99.7

174 105.8 81.8 122.8

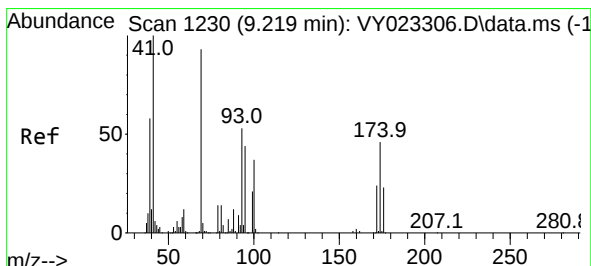
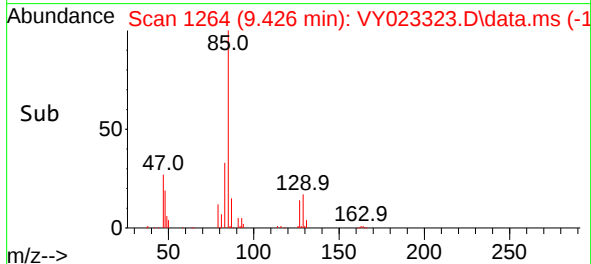
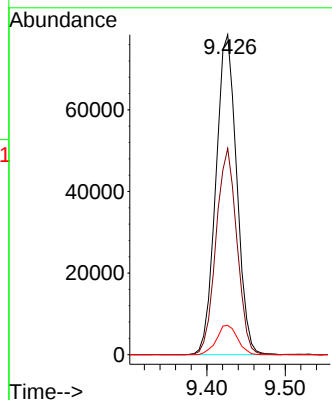
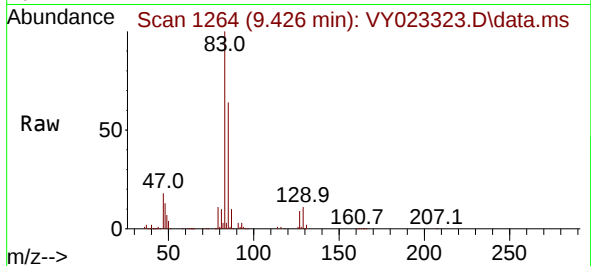




#47
Bromodichloromethane
Concen: 20.316 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

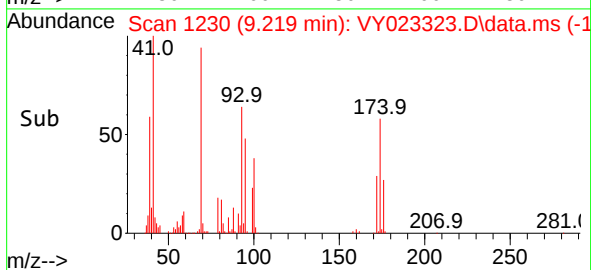
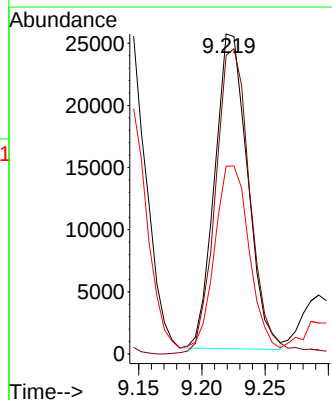
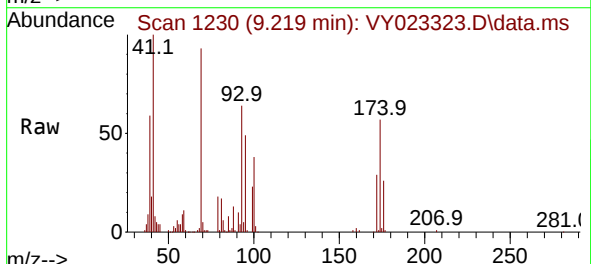
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

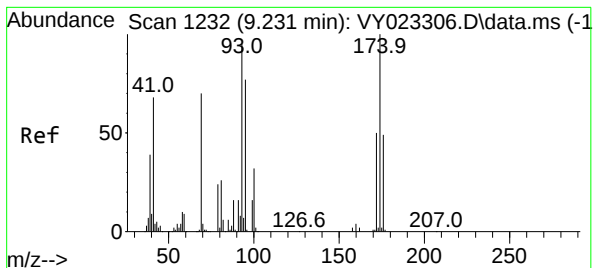
Tgt Ion: 83 Resp: 145234
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 19.139 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 41 Resp: 45877
Ion Ratio Lower Upper
41 100
69 102.9 73.2 109.8
39 60.4 47.0 70.4





#49

1,4-Dioxane

Concen: 387.495 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

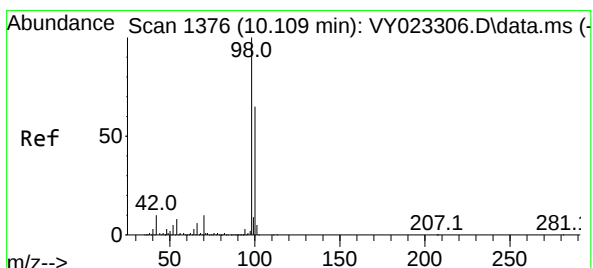
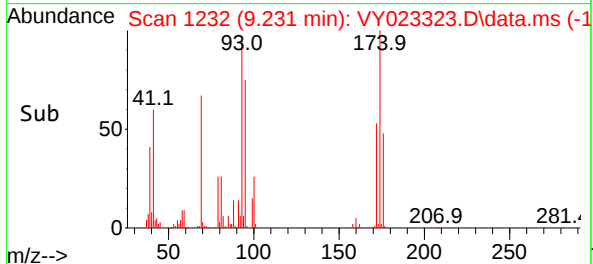
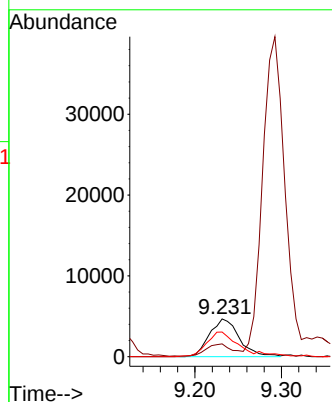
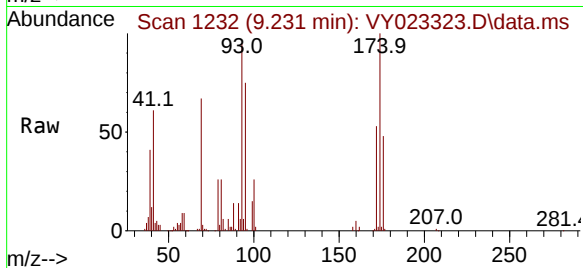
Tgt Ion: 88 Resp: 11177

Ion Ratio Lower Upper

88 100

43 26.9 24.3 36.5

58 72.7 55.4 83.0



#50

Toluene-d8

Concen: 50.523 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023323.D

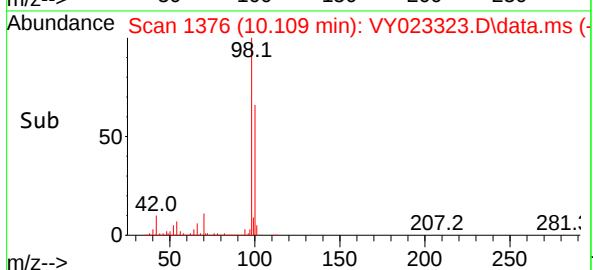
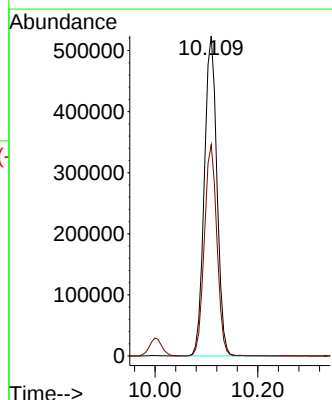
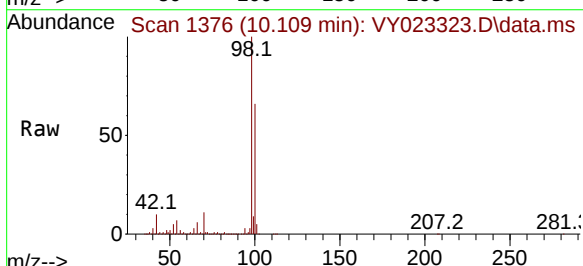
Acq: 10 Sep 2025 10:11

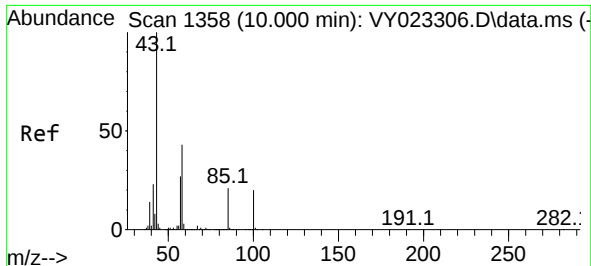
Tgt Ion: 98 Resp: 890309

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5

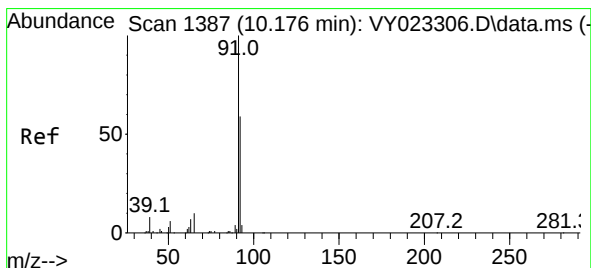
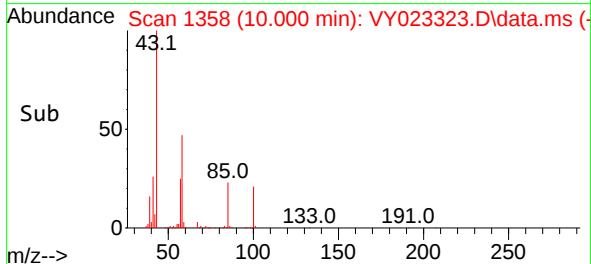
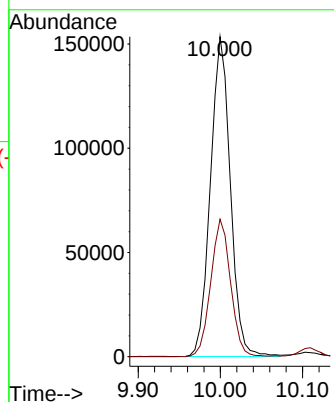
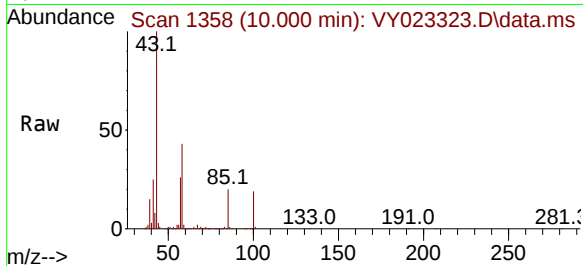




#51
4-Methyl-2-Pentanone
Concen: 98.282 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

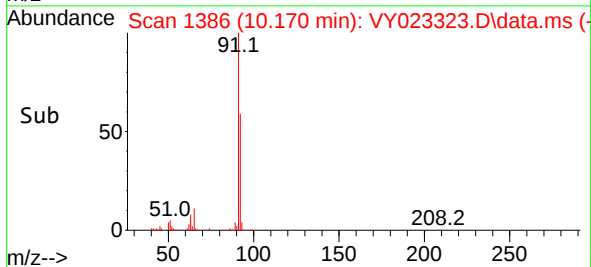
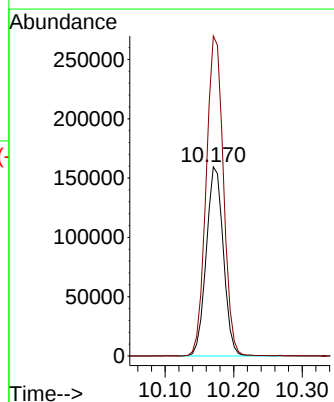
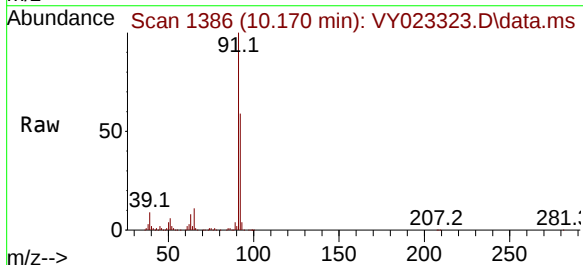
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

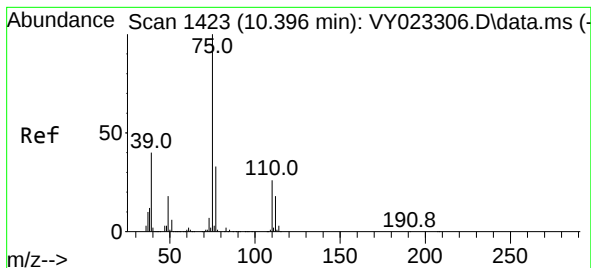
Tgt Ion: 43 Resp: 258579
Ion Ratio Lower Upper
43 100
58 42.8 33.5 50.3



#52
Toluene
Concen: 21.109 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 92 Resp: 276761
Ion Ratio Lower Upper
92 100
91 170.6 136.4 204.6

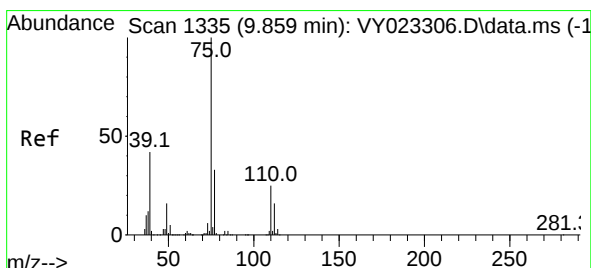
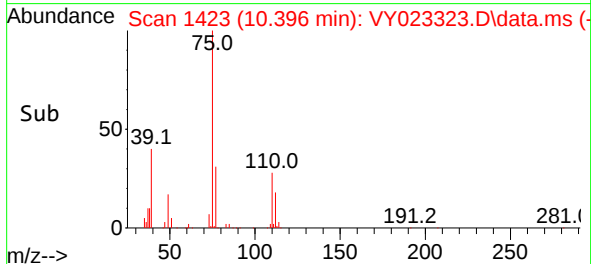
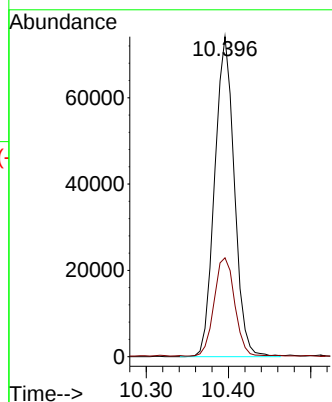
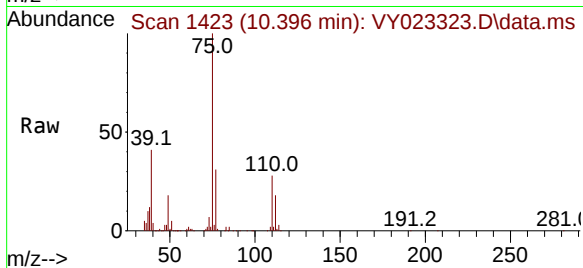




#53
 t-1,3-Dichloropropene
 Concen: 19.980 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023323.D
 Acq: 10 Sep 2025 10:11

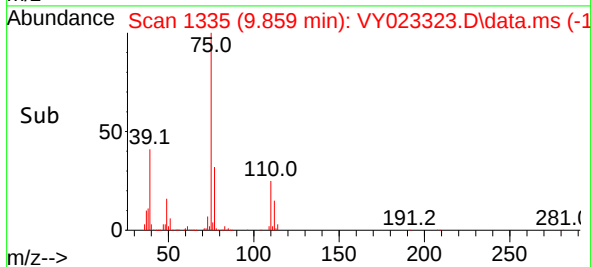
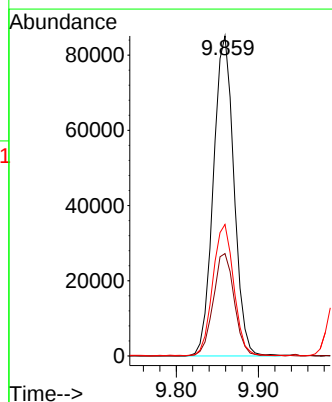
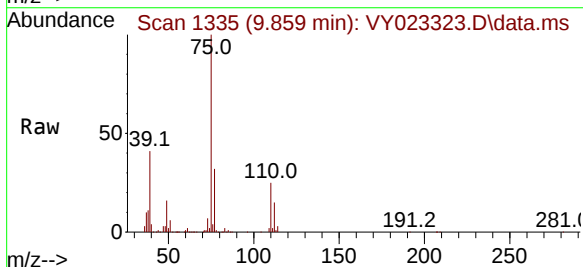
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBS01

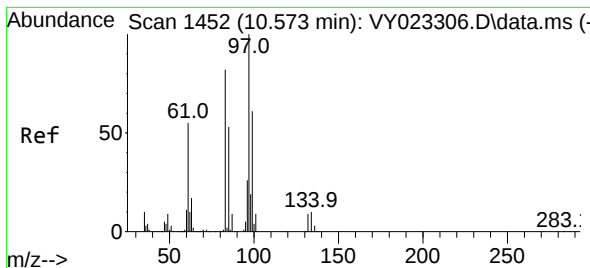
Tgt Ion: 75 Resp: 122968
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.103 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023323.D
 Acq: 10 Sep 2025 10:11

Tgt Ion: 75 Resp: 147845
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 40.9 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 20.648 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

Tgt Ion: 97 Resp: 78045

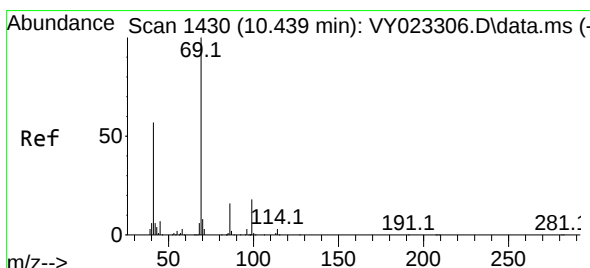
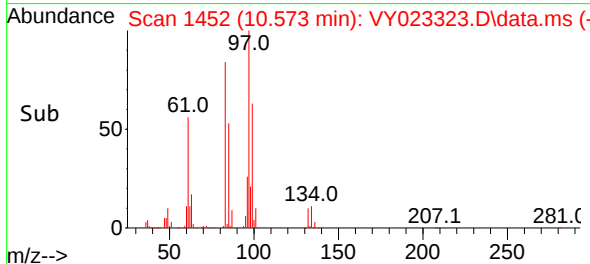
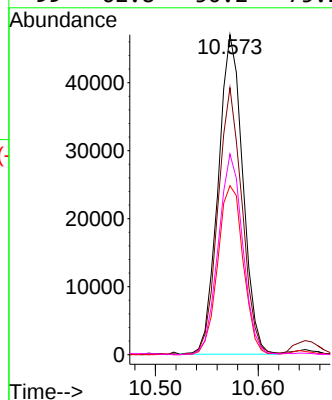
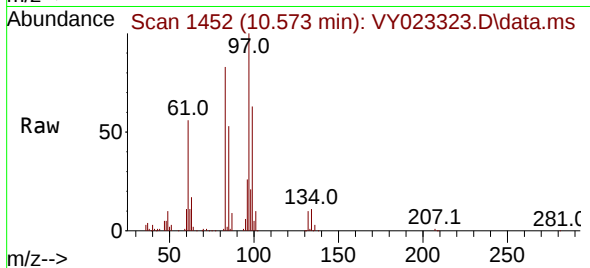
Ion Ratio Lower Upper

97 100

83 83.6 67.7 101.5

85 52.9 44.5 66.7

99 62.8 50.2 75.2



#56

Ethyl methacrylate

Concen: 19.035 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

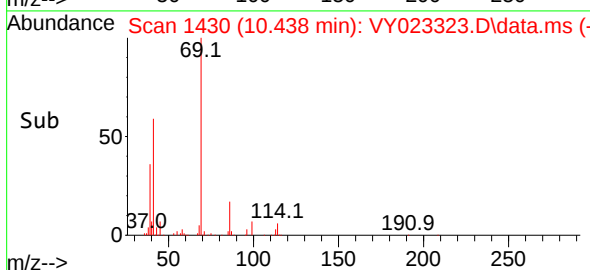
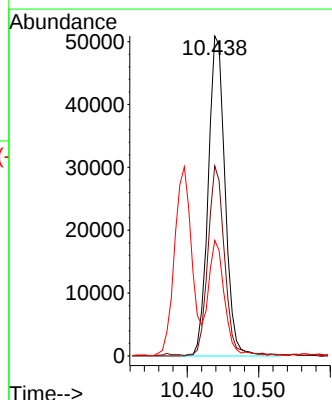
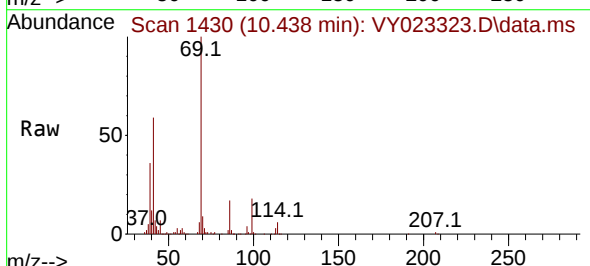
Tgt Ion: 69 Resp: 83357

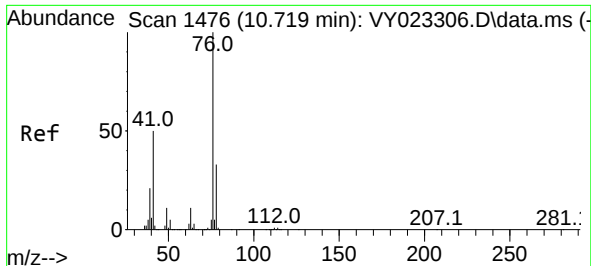
Ion Ratio Lower Upper

69 100

41 58.0 48.6 72.8

39 33.1 27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.193 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

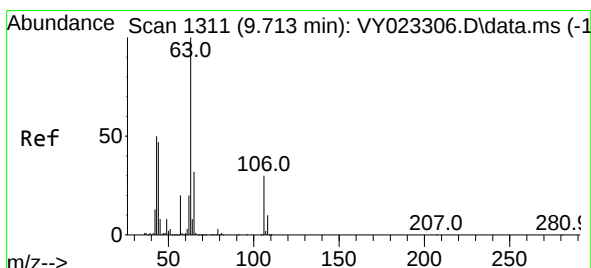
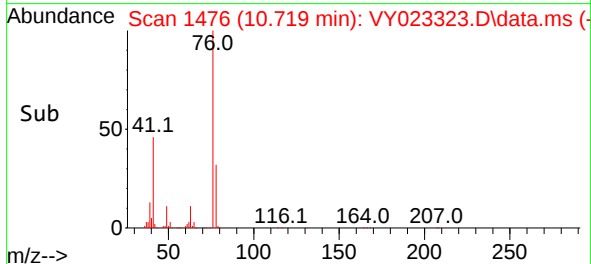
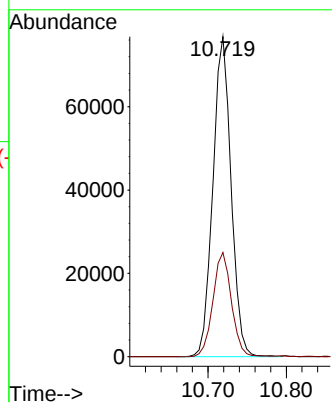
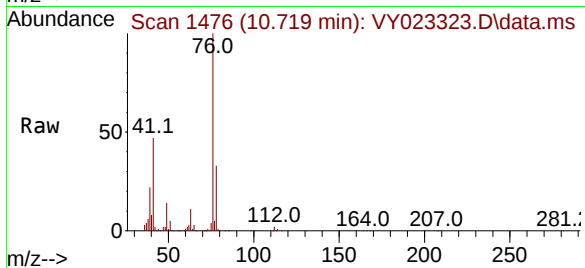
VY0910SBS01

Tgt Ion: 76 Resp: 123908

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 91.713 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023323.D

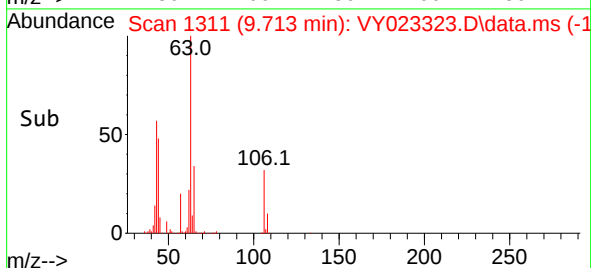
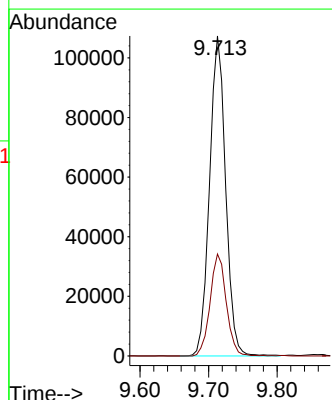
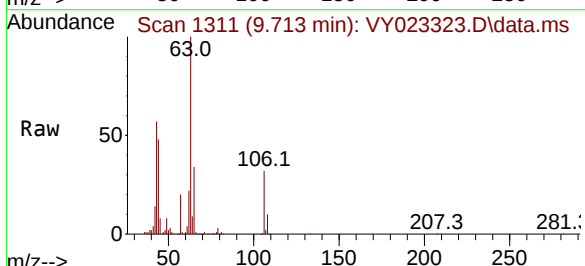
Acq: 10 Sep 2025 10:11

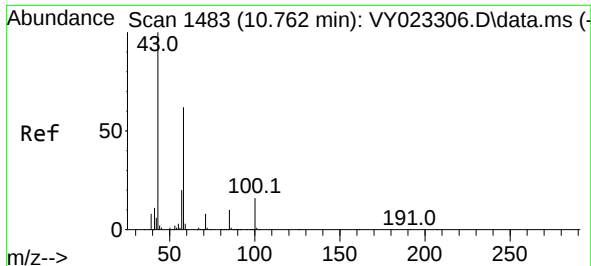
Tgt Ion: 63 Resp: 175044

Ion Ratio Lower Upper

63 100

106 32.0 23.2 34.8

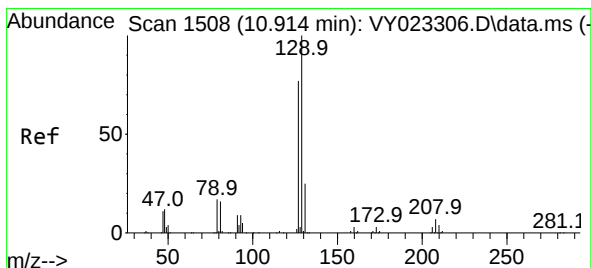
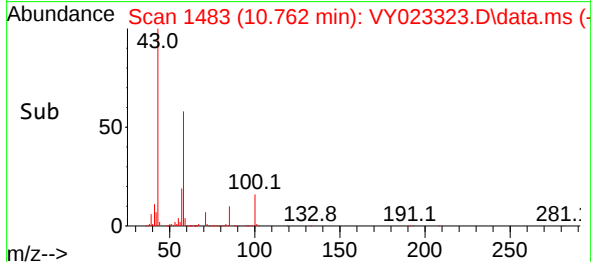
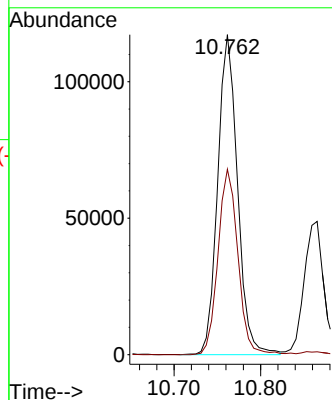
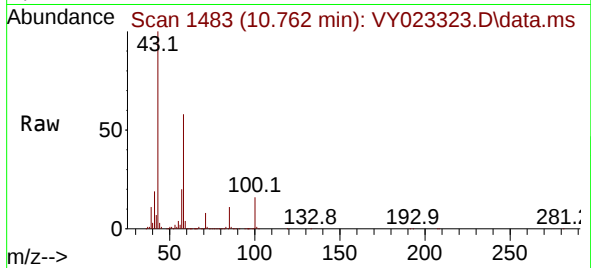




#59
2-Hexanone
Concen: 102.479 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

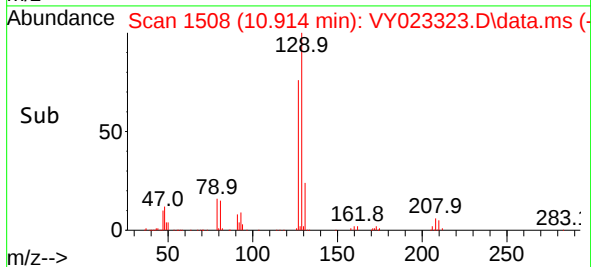
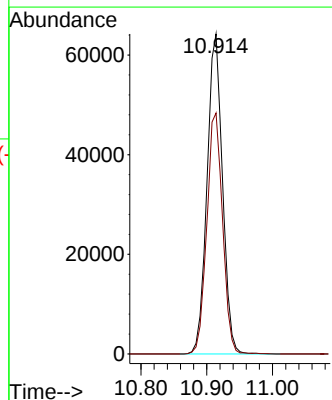
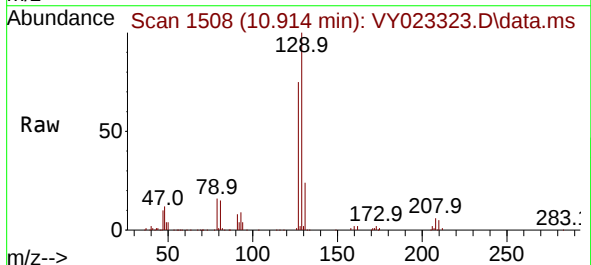
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

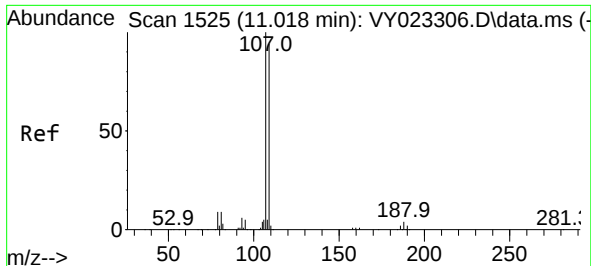
Tgt Ion: 43 Resp: 186389
Ion Ratio Lower Upper
43 100
58 58.2 29.5 88.5



#60
Dibromochloromethane
Concen: 20.455 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 129 Resp: 104904
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

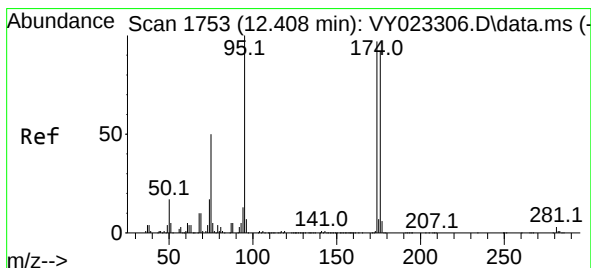
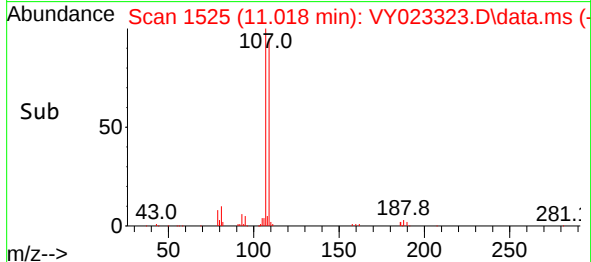
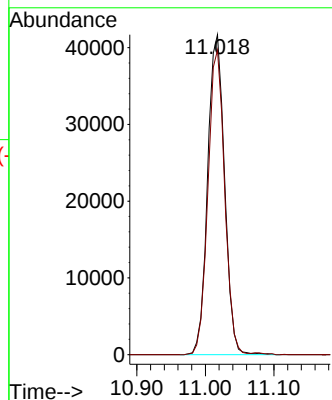
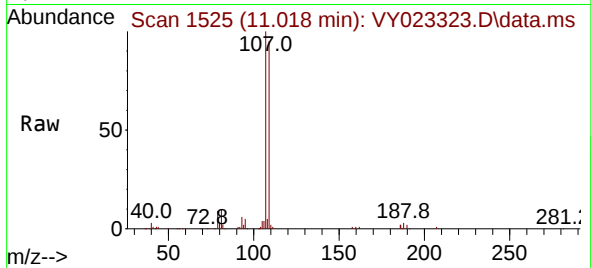




#61
1,2-Dibromoethane
Concen: 20.198 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

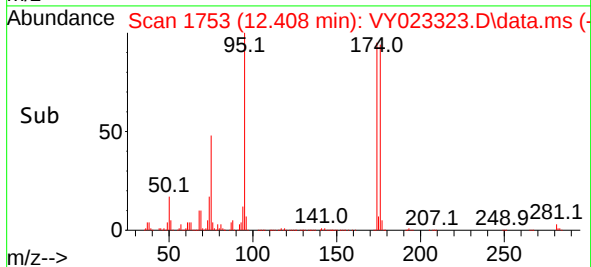
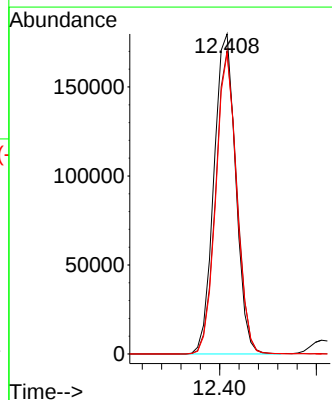
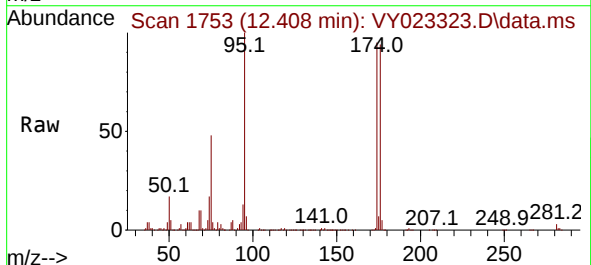
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

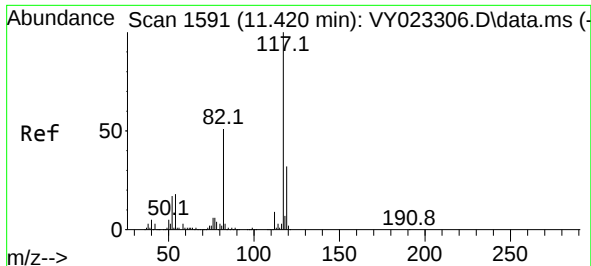
Tgt Ion:107 Resp: 71541
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.595 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 95 Resp: 280578
Ion Ratio Lower Upper
95 100
174 92.0 0.0 171.6
176 89.9 0.0 167.6

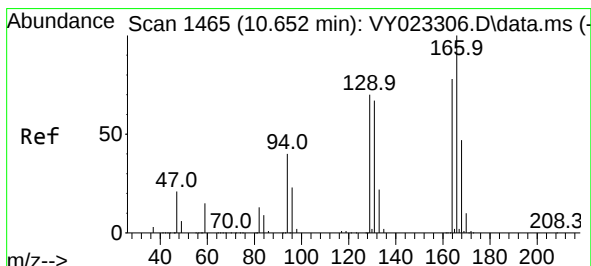
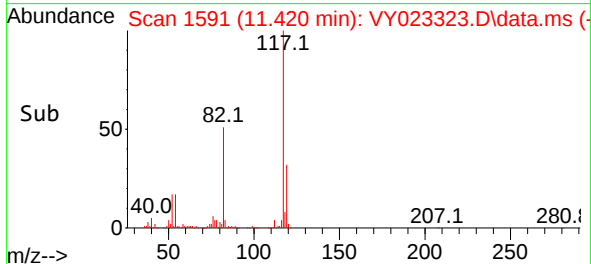
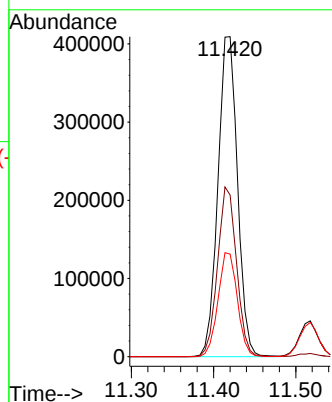
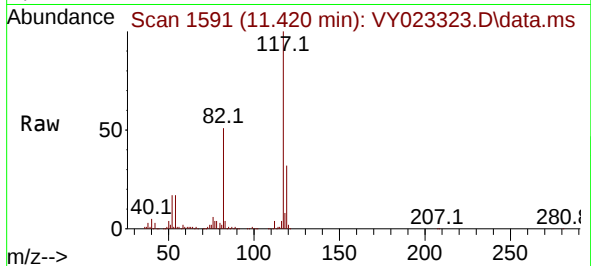




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

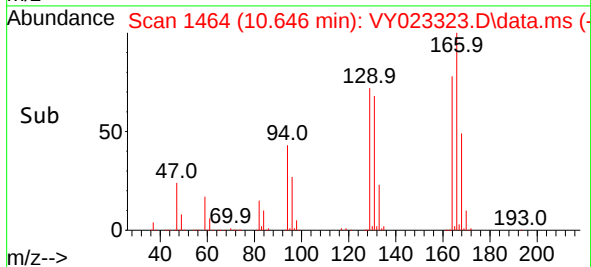
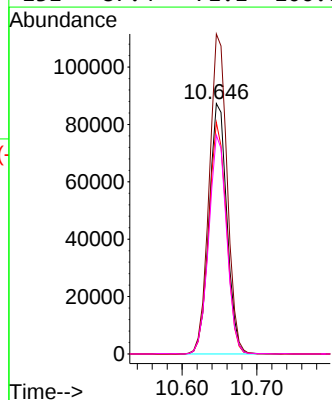
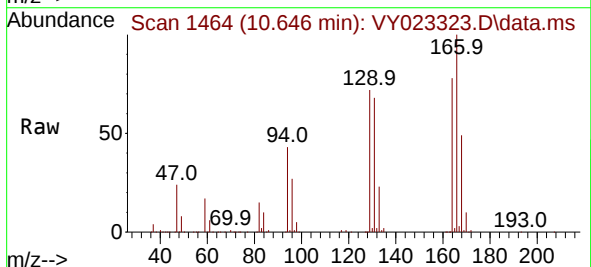
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

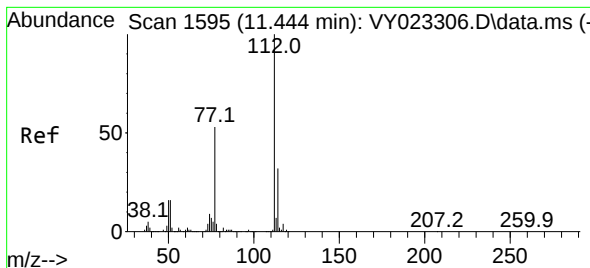
Tgt Ion:117 Resp: 676997
Ion Ratio Lower Upper
117 100
82 50.5 43.4 65.0
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 21.492 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion:164 Resp: 145016
Ion Ratio Lower Upper
164 100
166 127.8 101.1 151.7
129 92.5 74.0 111.0
131 87.4 71.1 106.7

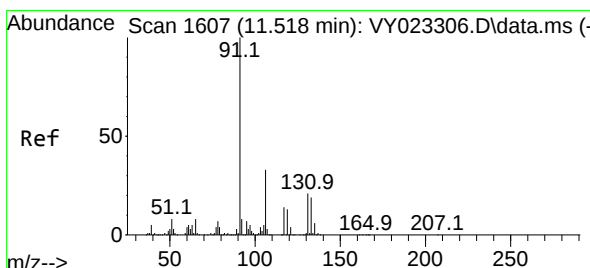
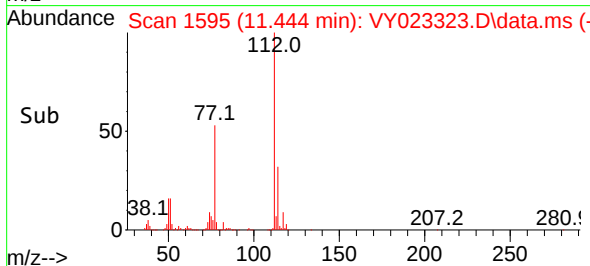
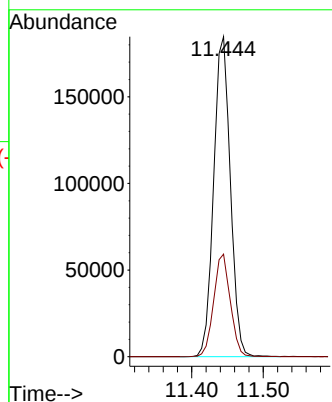
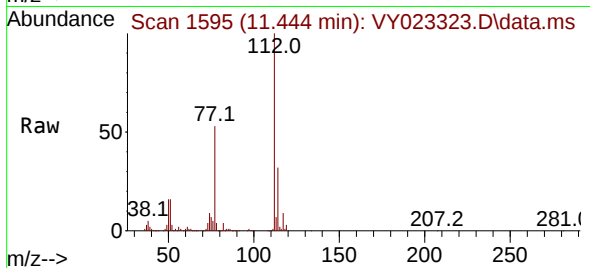




#65
Chlorobenzene
Concen: 20.151 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

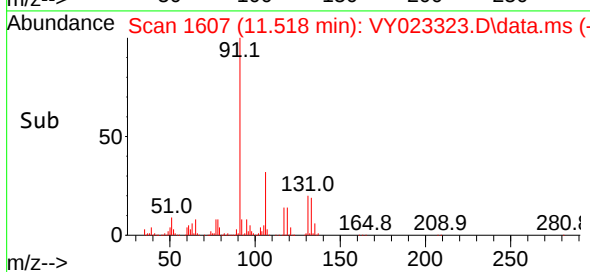
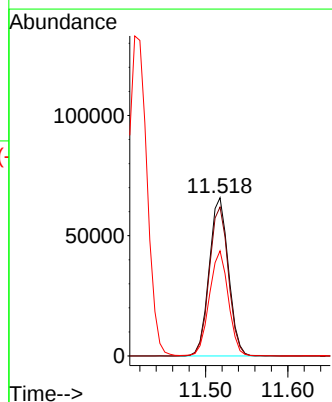
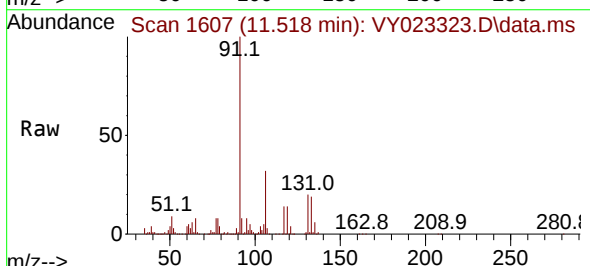
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

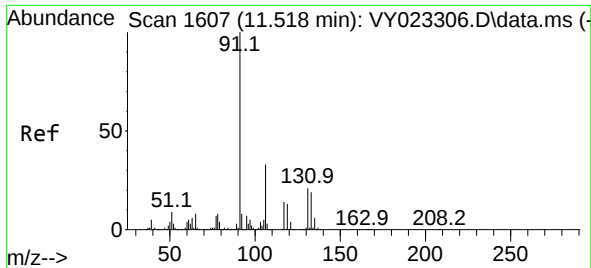
Tgt Ion:112 Resp: 298856
Ion Ratio Lower Upper
112 100
114 32.1 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.525 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion:131 Resp: 106850
Ion Ratio Lower Upper
131 100
133 94.0 46.9 140.6
119 65.8 33.2 99.6

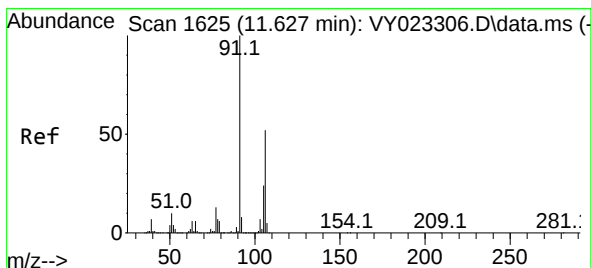
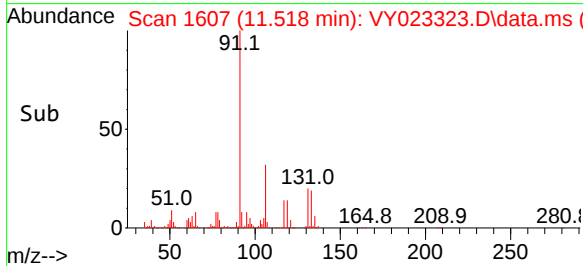
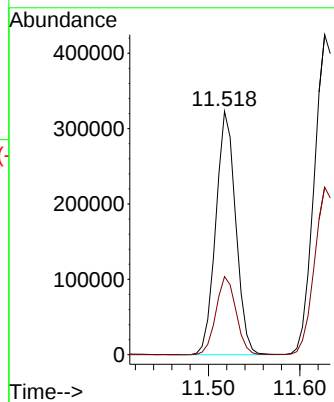
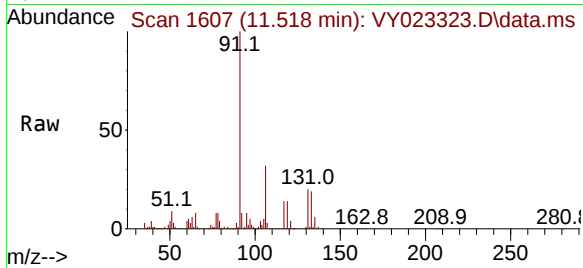




#67
Ethyl Benzene
Concen: 20.207 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

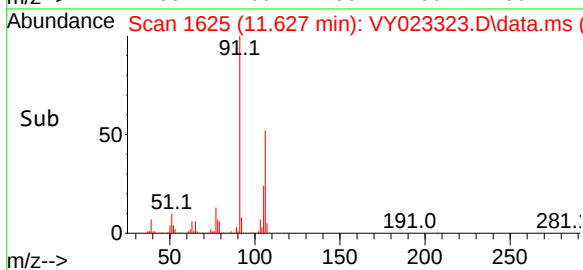
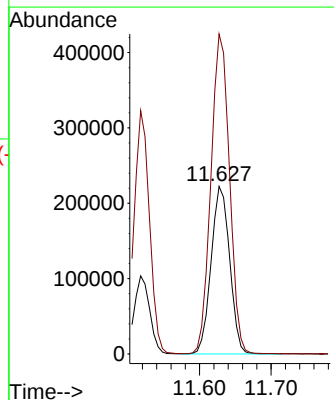
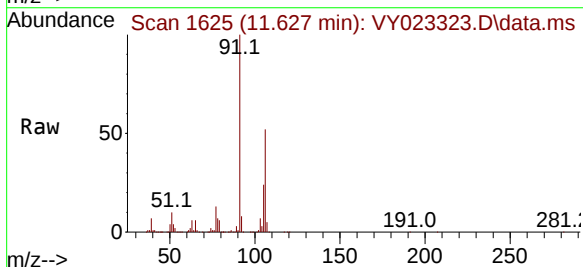
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

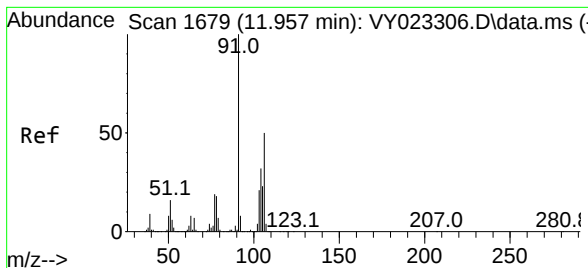
Tgt Ion: 91 Resp: 489602
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4



#68
m/p-Xylenes
Concen: 41.235 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 106 Resp: 400072
Ion Ratio Lower Upper
106 100
91 191.8 158.6 238.0

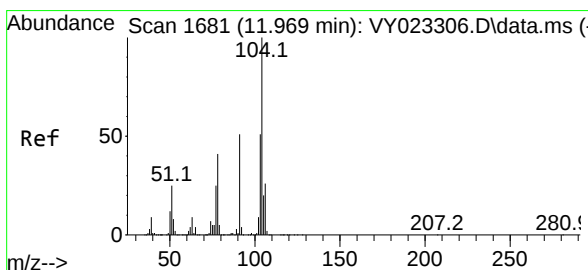
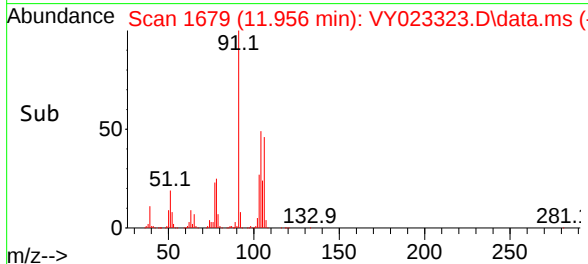
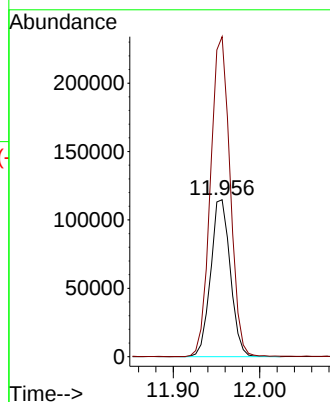
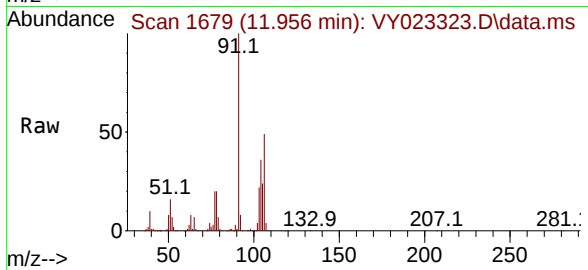




#69
o-Xylene
Concen: 20.131 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

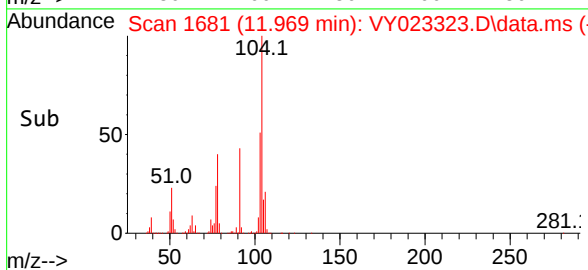
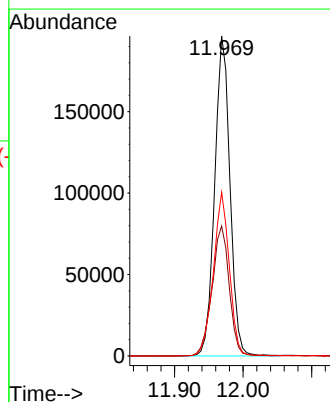
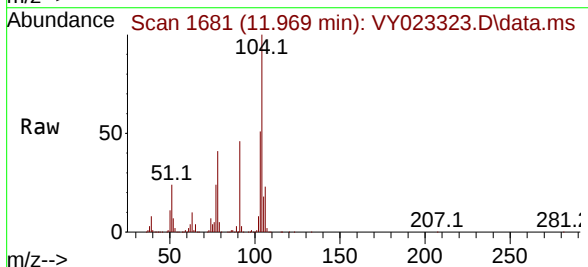
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

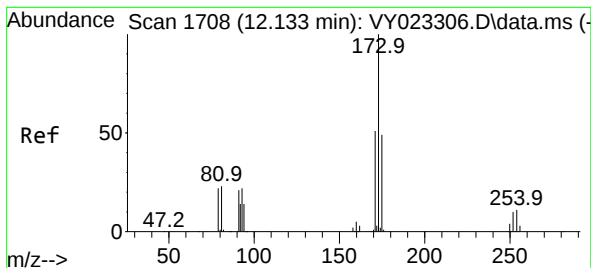
Tgt Ion:106 Resp: 180809
Ion Ratio Lower Upper
106 100
91 204.0 103.2 309.4



#70
Styrene
Concen: 20.475 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion:104 Resp: 304780
Ion Ratio Lower Upper
104 100
78 45.6 38.5 57.7
103 53.7 43.7 65.5





#71

Bromoform

Concen: 20.145 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

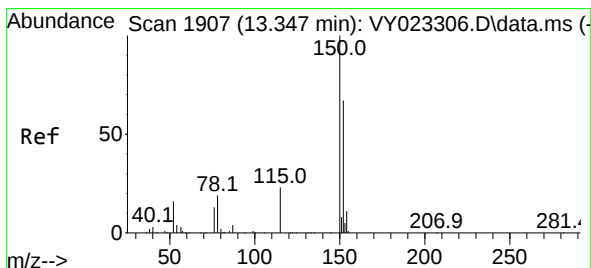
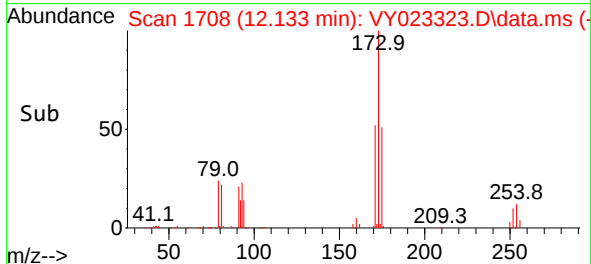
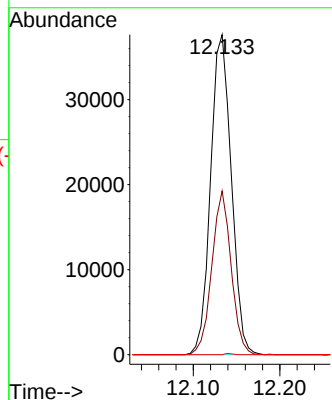
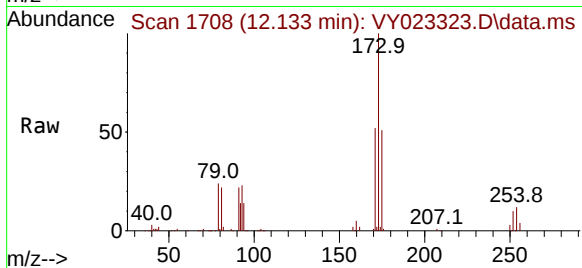
Tgt Ion:173 Resp: 62453

Ion Ratio Lower Upper

173 100

175 47.7 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

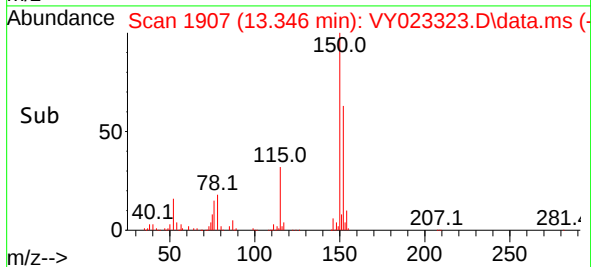
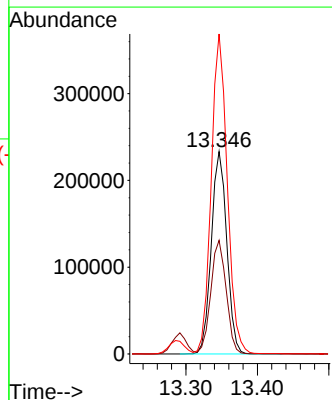
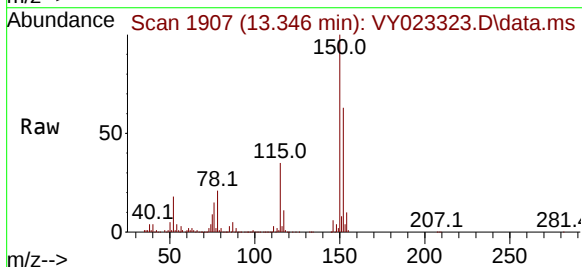
Tgt Ion:152 Resp: 350574

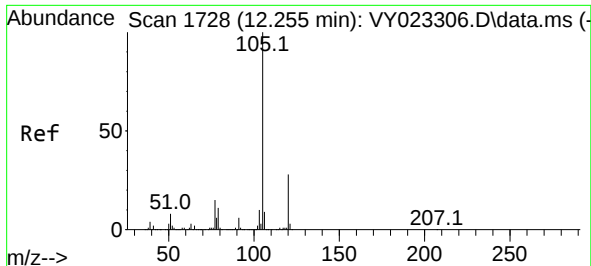
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.6

150 163.3 0.0 348.0

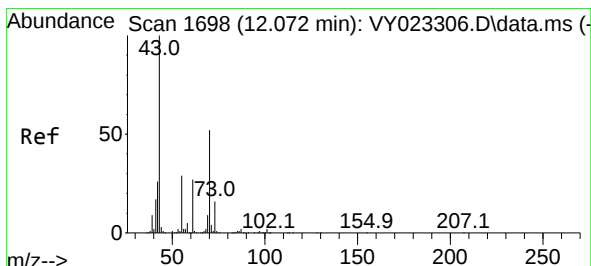
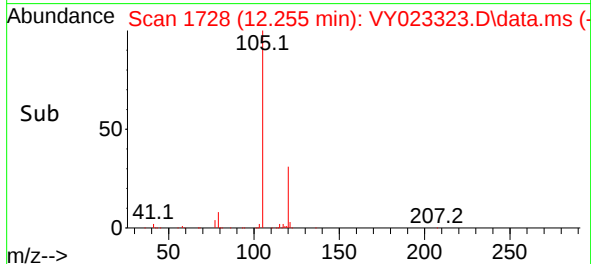
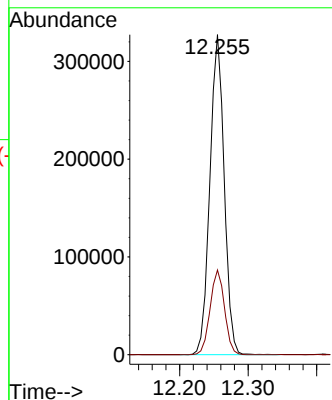
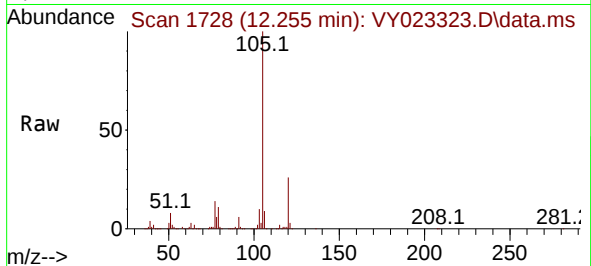




#73
Isopropylbenzene
Concen: 20.147 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

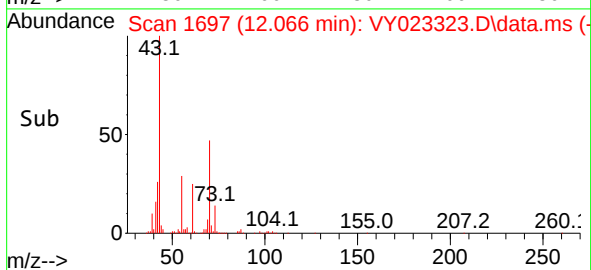
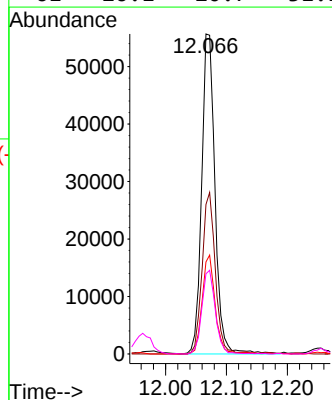
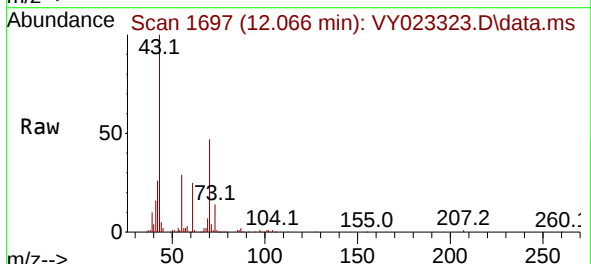
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

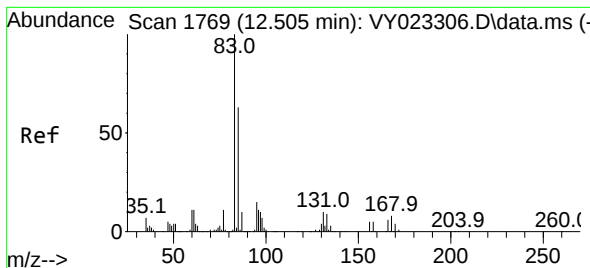
Tgt Ion:105 Resp: 475777
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 19.072 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 43 Resp: 85132
Ion Ratio Lower Upper
43 100
70 50.1 37.5 56.3
55 29.8 20.7 31.1
61 26.1 20.7 31.1

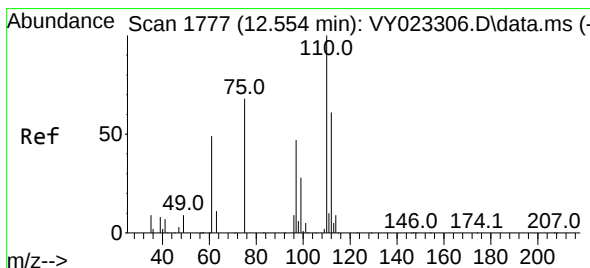
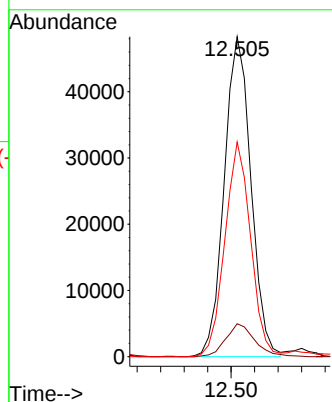
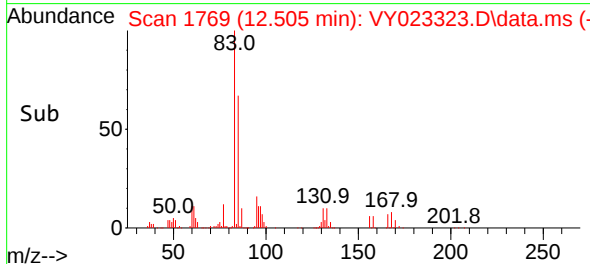
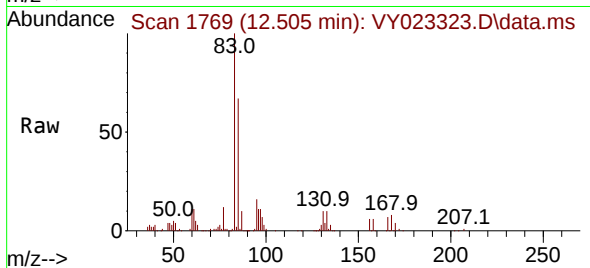




#75
1,1,2,2-Tetrachloroethane
Concen: 19.239 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

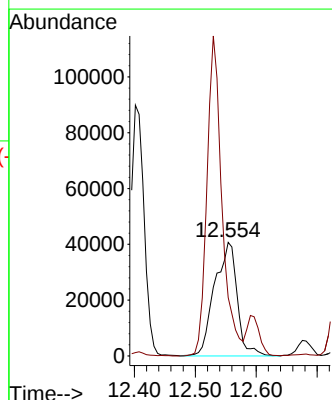
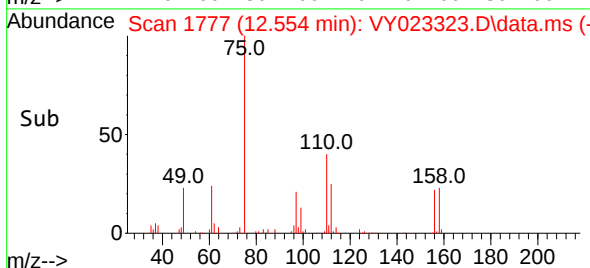
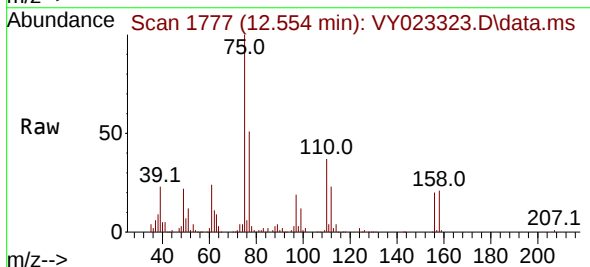
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

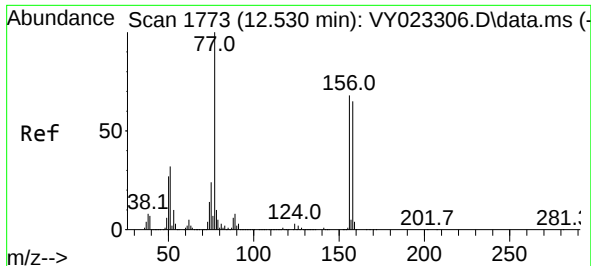
Tgt Ion: 83 Resp: 76249
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 64.6 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 29.597 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 75 Resp: 105076
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

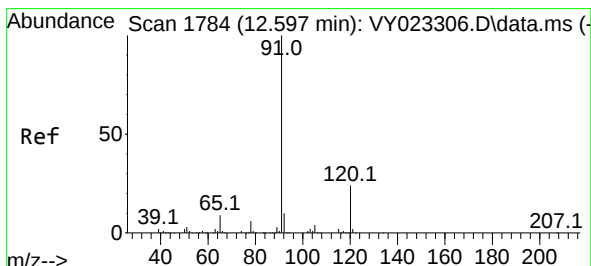
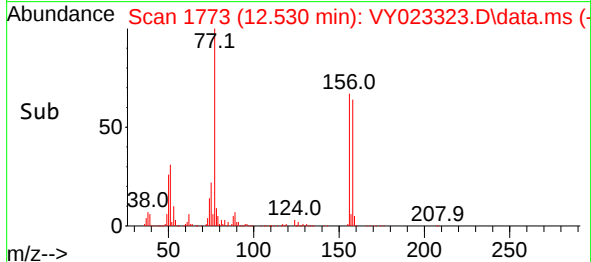
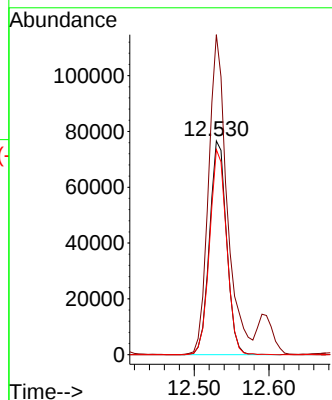
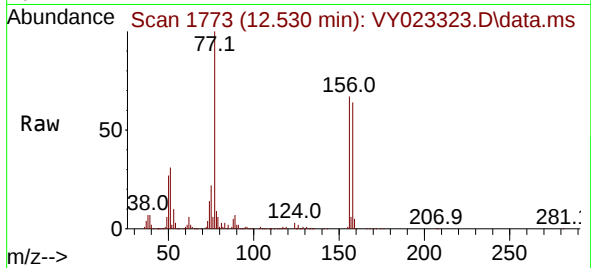




#77
Bromobenzene
Concen: 20.087 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

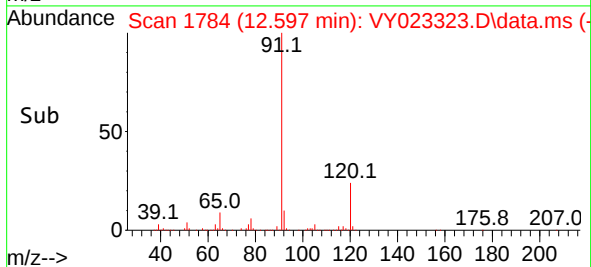
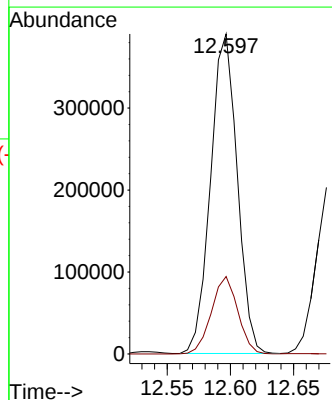
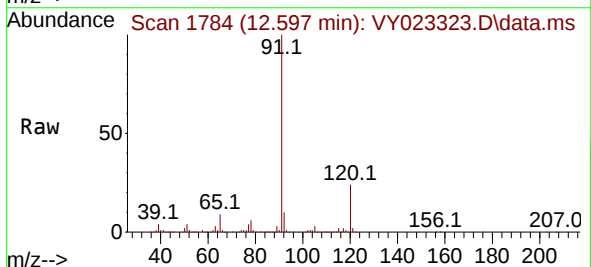
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

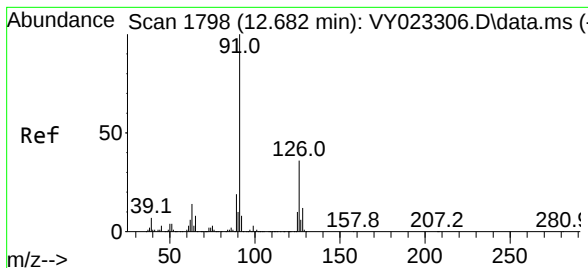
Tgt Ion:156 Resp: 121187
Ion Ratio Lower Upper
156 100
77 162.9 88.1 264.4
158 96.0 48.0 144.0



#78
n-propylbenzene
Concen: 20.530 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 91 Resp: 571399
Ion Ratio Lower Upper
91 100
120 24.0 11.5 34.5

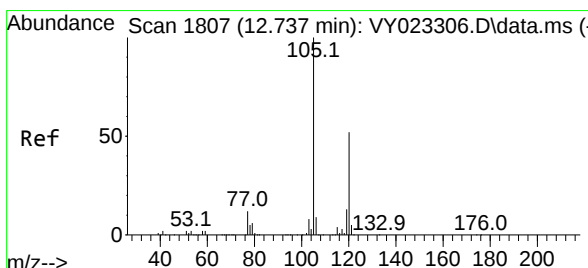
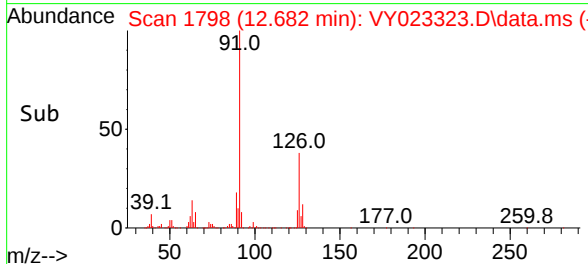
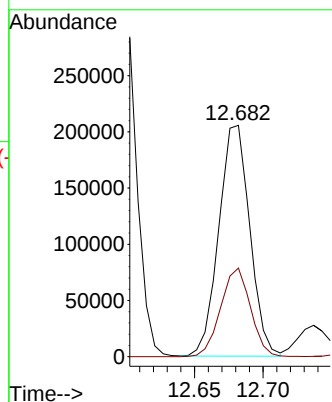
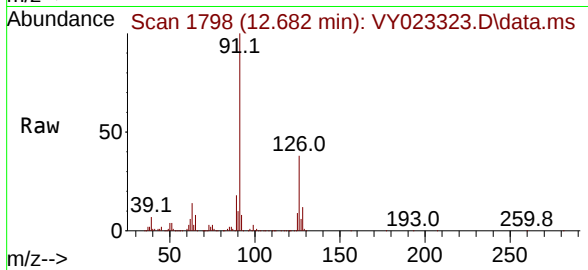




#79
2-Chlorotoluene
Concen: 20.185 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

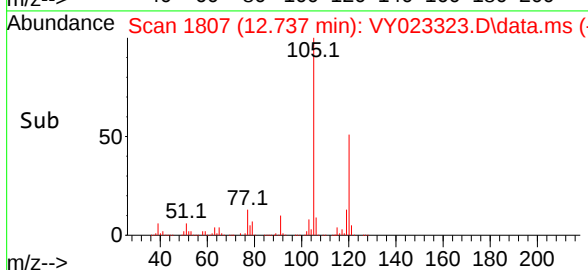
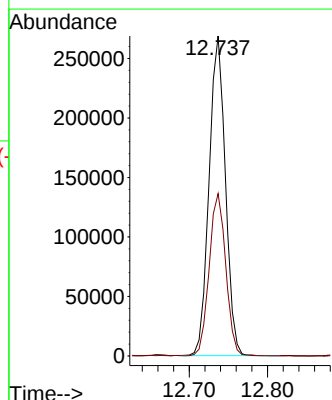
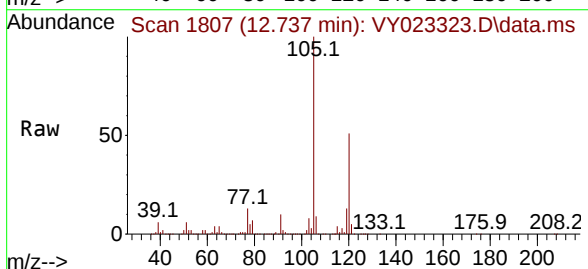
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

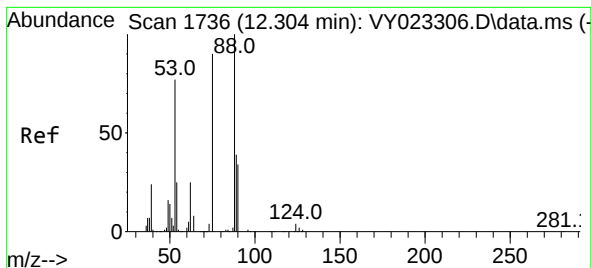
Tgt Ion: 91 Resp: 323583
Ion Ratio Lower Upper
91 100
126 36.9 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.200 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 105 Resp: 387970
Ion Ratio Lower Upper
105 100
120 51.8 24.8 74.4

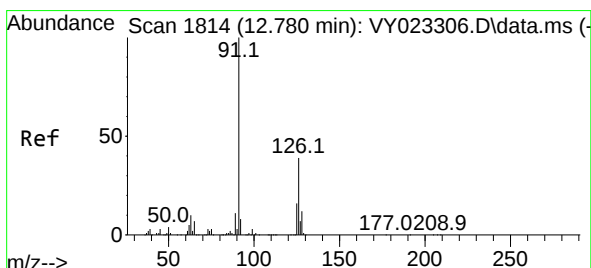
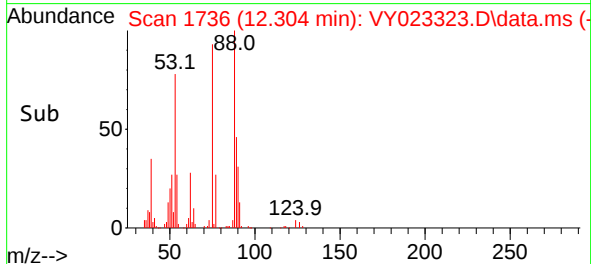
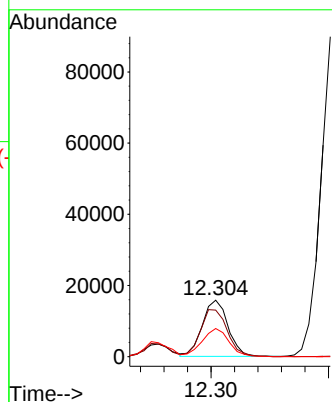
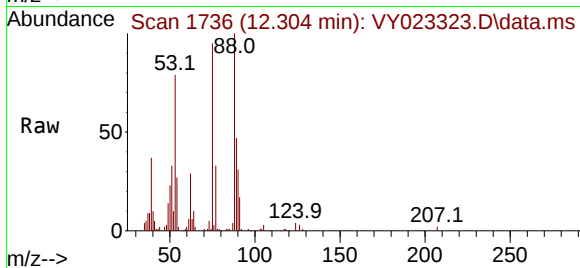




#81
trans-1,4-Dichloro-2-butene
Concen: 18.393 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

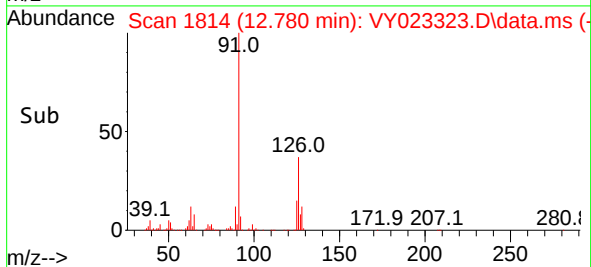
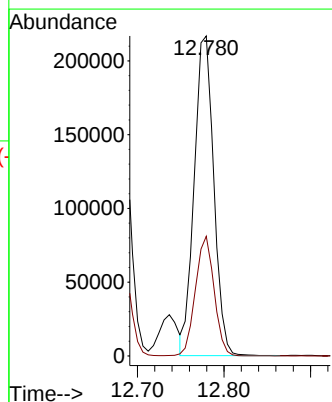
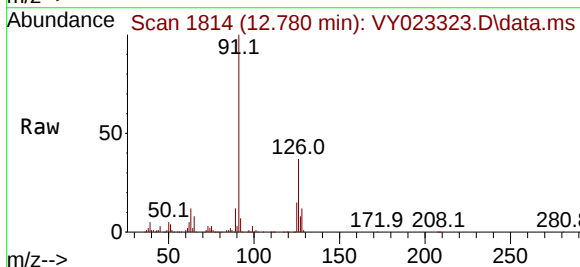
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBS01

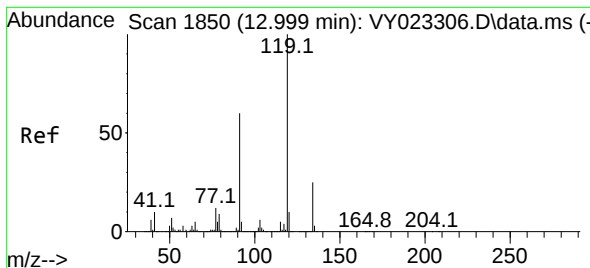
Tgt Ion: 75 Resp: 23944
Ion Ratio Lower Upper
75 100
53 88.5 70.8 106.2
89 52.5 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.262 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023323.D
Acq: 10 Sep 2025 10:11

Tgt Ion: 91 Resp: 339877
Ion Ratio Lower Upper
91 100
126 35.9 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.887 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

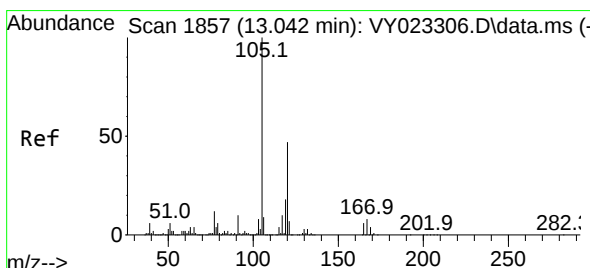
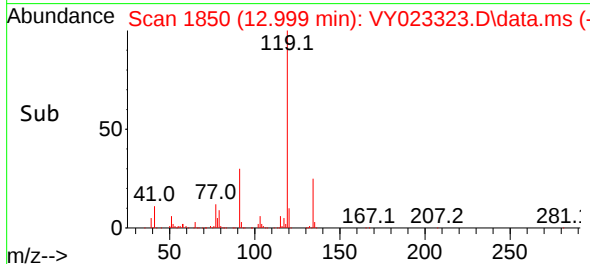
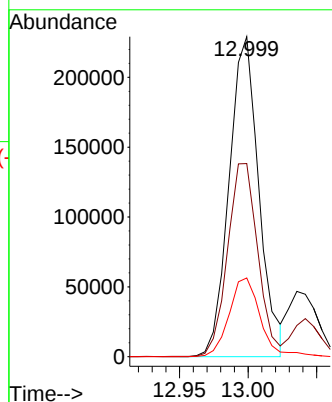
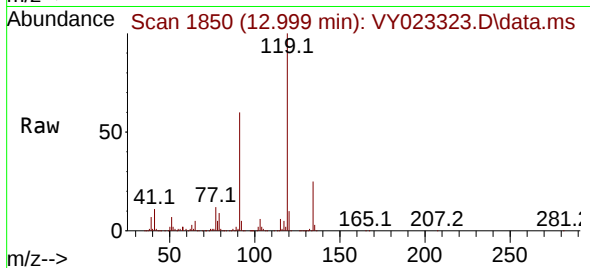
Tgt Ion:119 Resp: 345942

Ion Ratio Lower Upper

119 100

91 61.4 31.6 94.8

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.545 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023323.D

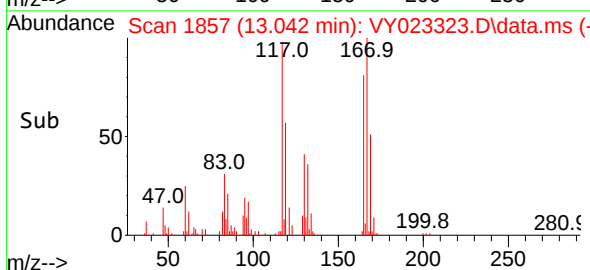
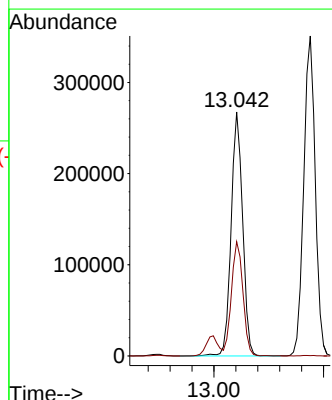
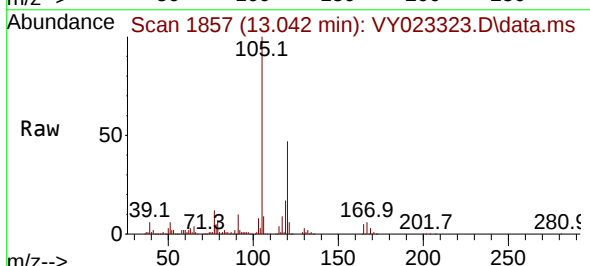
Acq: 10 Sep 2025 10:11

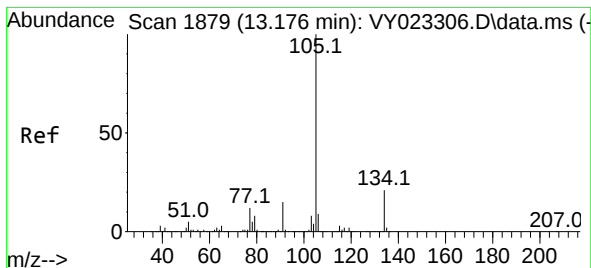
Tgt Ion:105 Resp: 390370

Ion Ratio Lower Upper

105 100

120 46.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.211 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

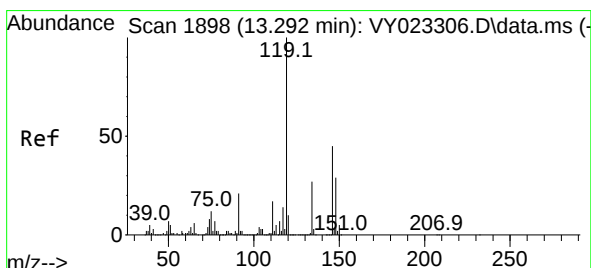
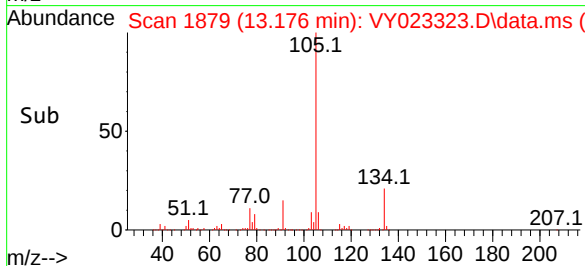
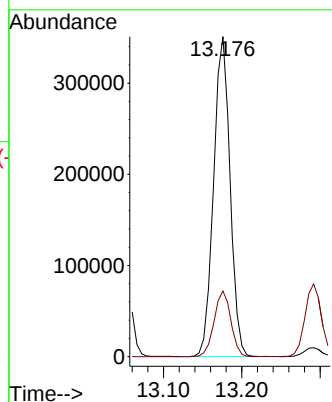
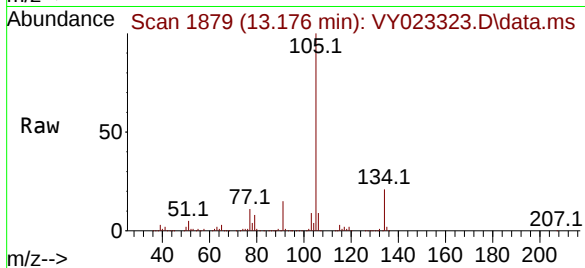
VY0910SBS01

Tgt Ion:105 Resp: 511538

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.170 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

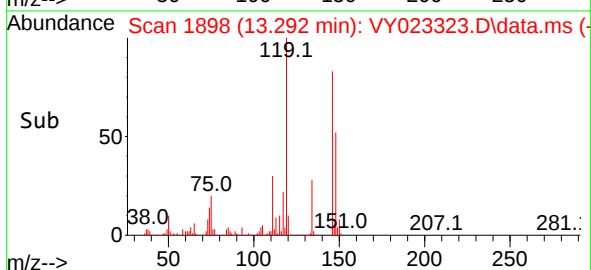
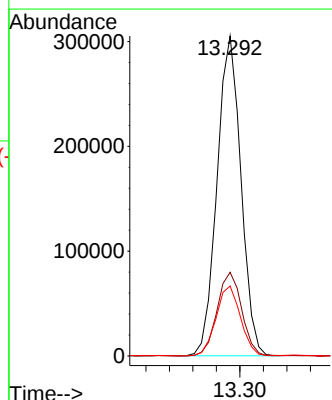
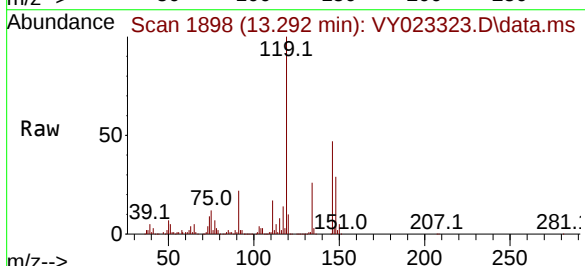
Tgt Ion:119 Resp: 431225

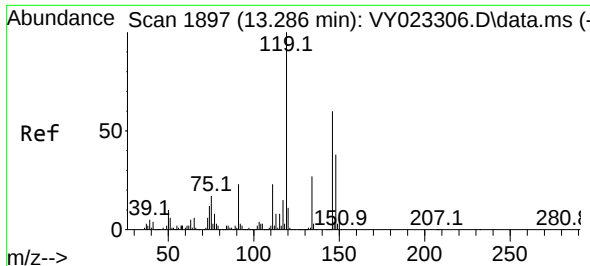
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 22.3 11.3 33.8

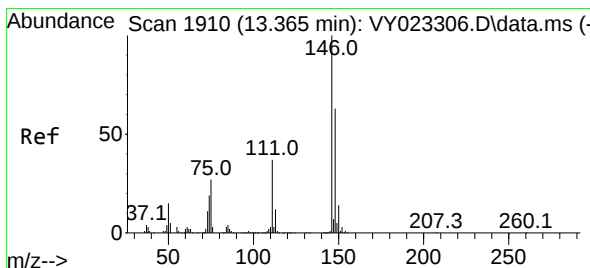
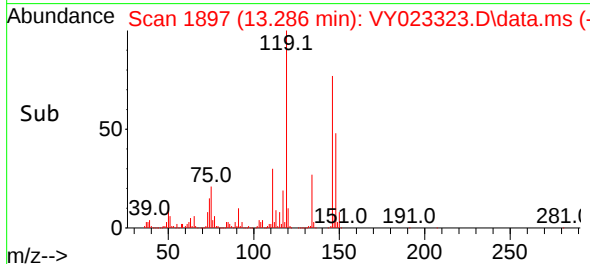
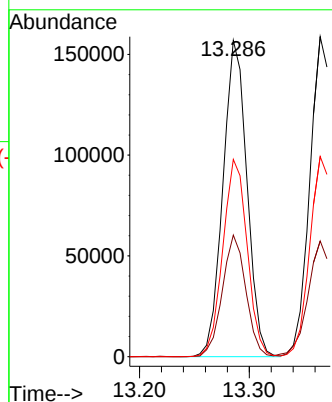
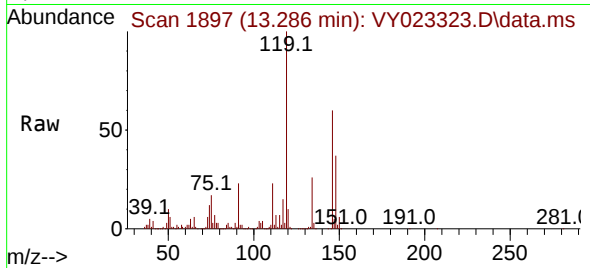




#87
 1,3-Dichlorobenzene
 Concen: 20.012 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY023323.D
 Acq: 10 Sep 2025 10:11

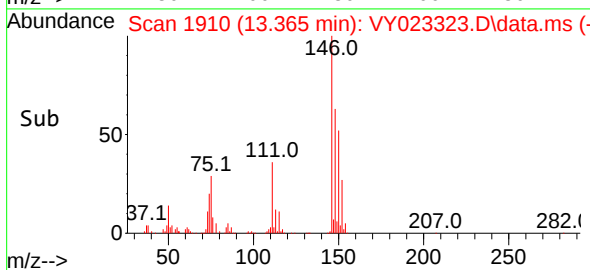
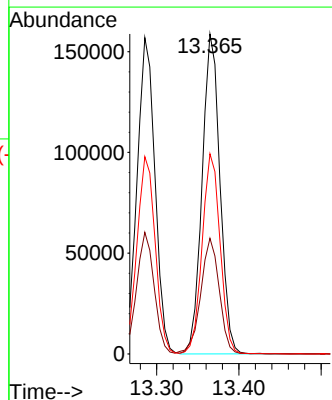
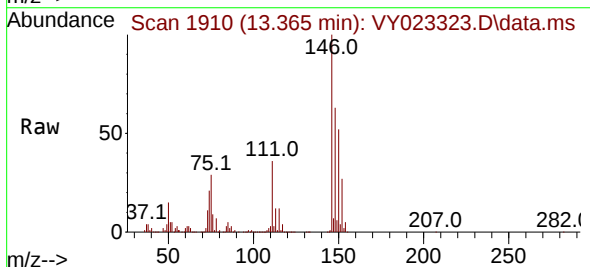
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBS01

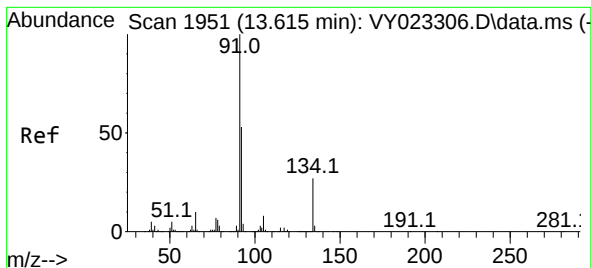
Tgt Ion:146 Resp: 238915
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.6 58.7
 148 63.3 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 20.260 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023323.D
 Acq: 10 Sep 2025 10:11

Tgt Ion:146 Resp: 239570
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 19.908 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

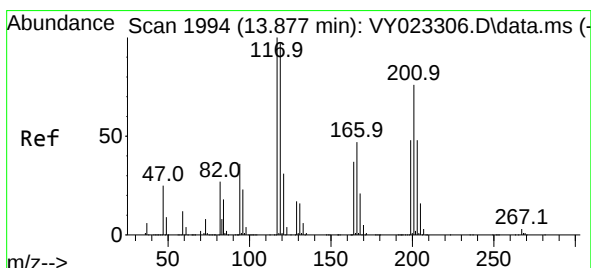
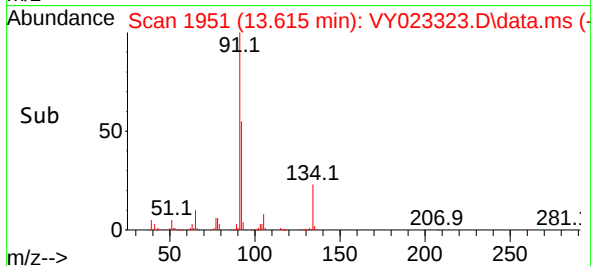
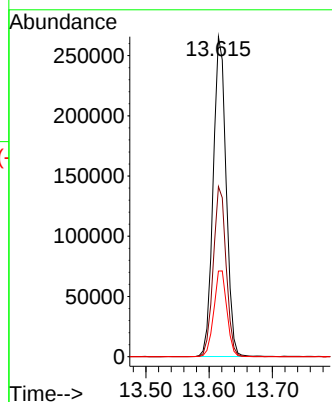
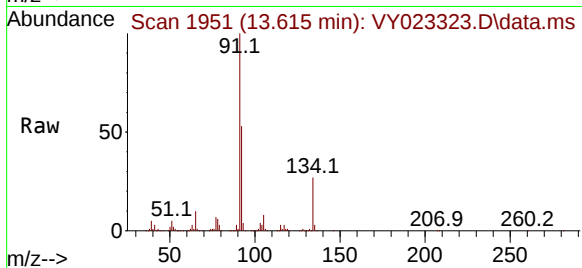
Tgt Ion: 91 Resp: 377453

Ion Ratio Lower Upper

91 100

92 52.9 26.9 80.7

134 27.1 13.2 39.5



#90

Hexachloroethane

Concen: 20.286 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023323.D

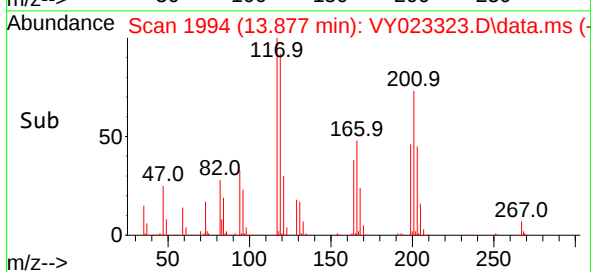
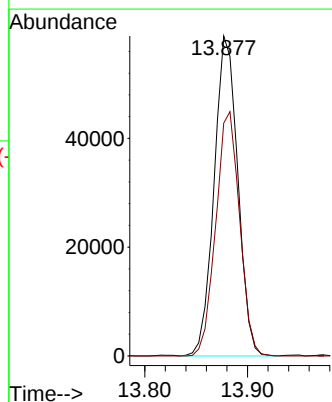
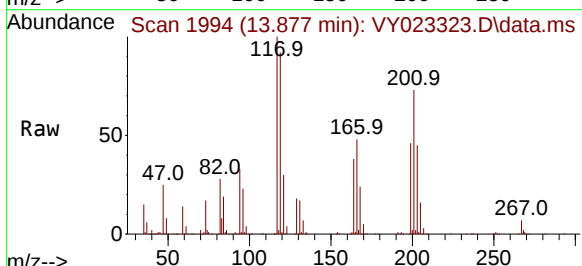
Acq: 10 Sep 2025 10:11

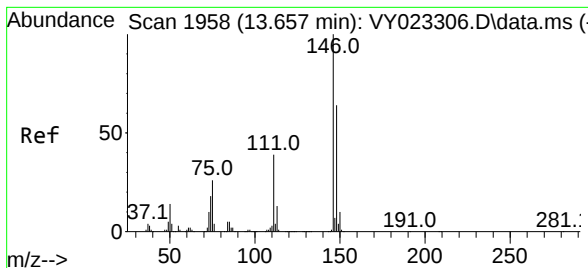
Tgt Ion: 117 Resp: 94023

Ion Ratio Lower Upper

117 100

201 77.0 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 20.200 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

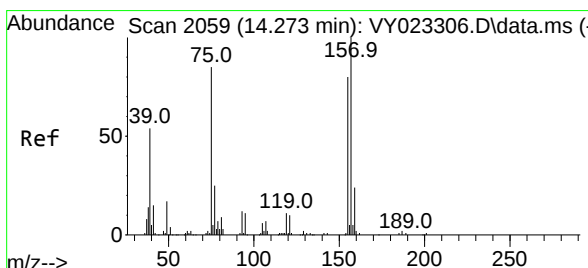
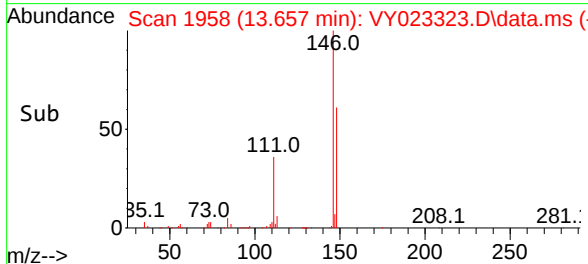
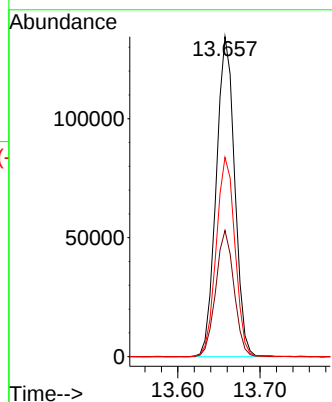
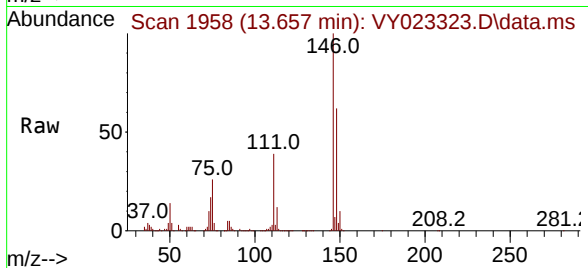
Tgt Ion:146 Resp: 210268

Ion Ratio Lower Upper

146 100

111 39.0 20.3 60.8

148 63.4 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.282 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

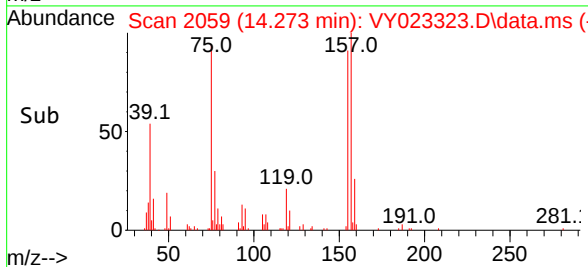
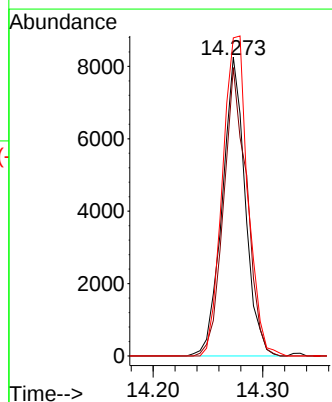
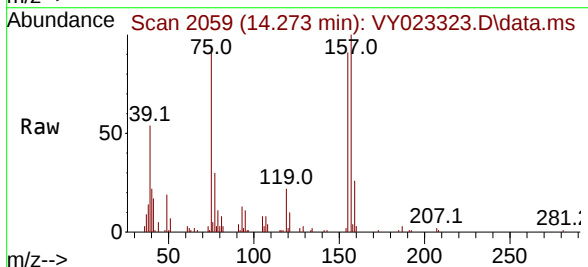
Tgt Ion: 75 Resp: 11991

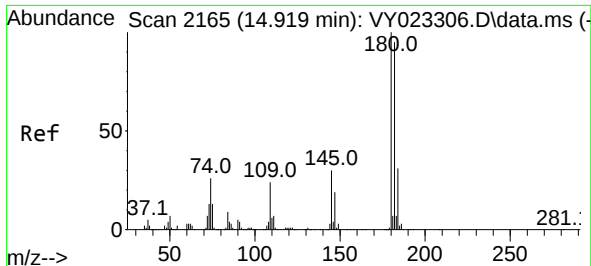
Ion Ratio Lower Upper

75 100

155 97.3 43.9 131.6

157 118.3 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 19.863 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

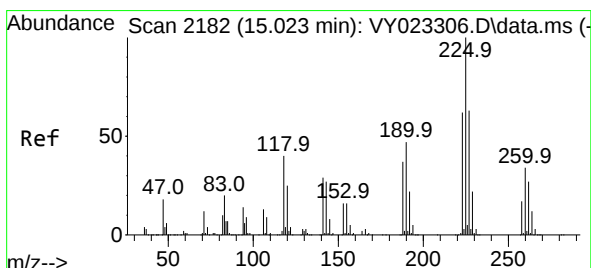
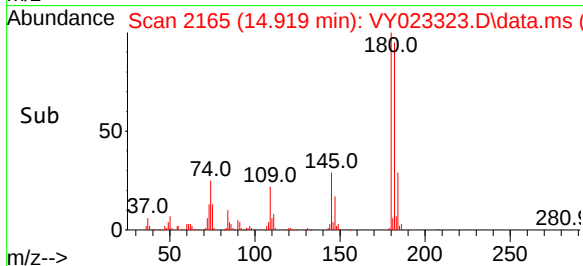
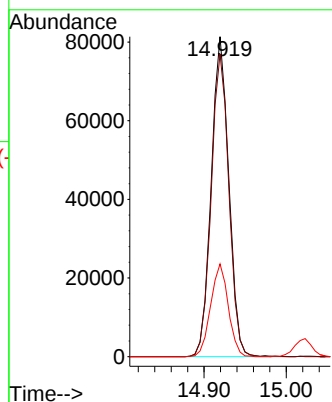
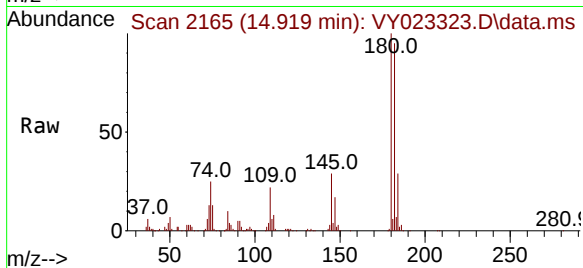
Tgt Ion:180 Resp: 120603

Ion Ratio Lower Upper

180 100

182 95.3 46.8 140.4

145 29.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.534 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

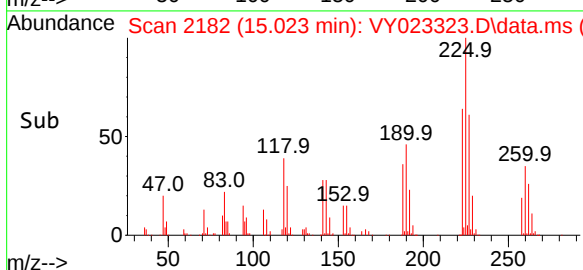
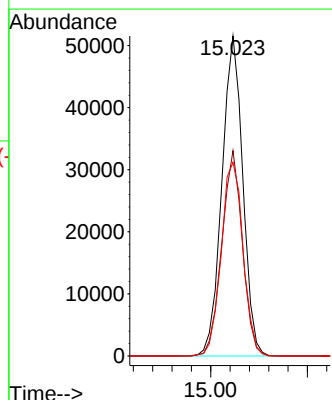
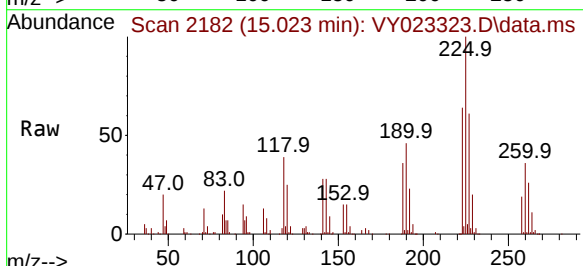
Tgt Ion:225 Resp: 77088

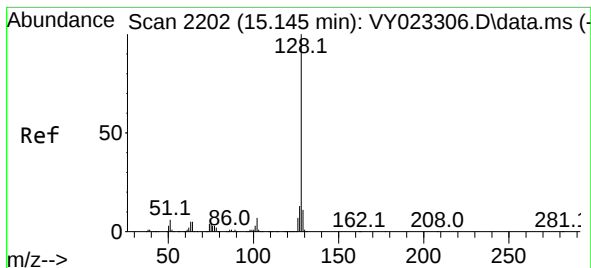
Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.8

227 63.4 31.5 94.5





#95

Naphthalene

Concen: 17.982 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBS01

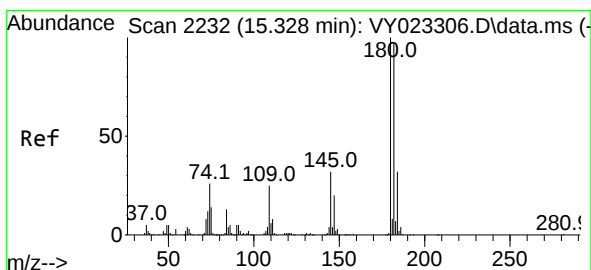
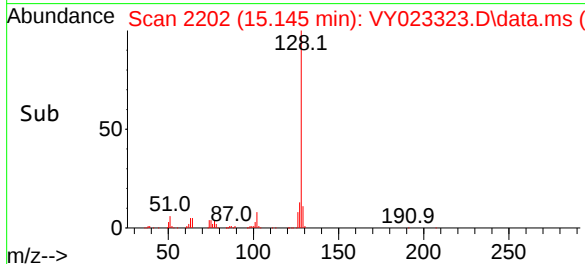
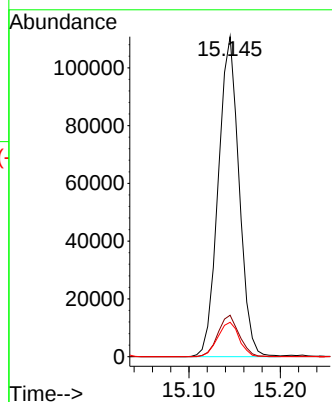
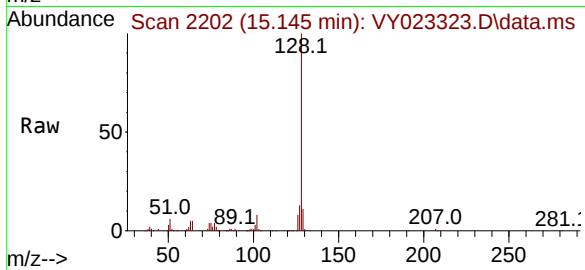
Tgt Ion:128 Resp: 175490

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.1 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 19.982 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023323.D

Acq: 10 Sep 2025 10:11

Tgt Ion:180 Resp: 105368

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 29.4 15.9 47.7

