

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090925\
 Data File : VY023314.D
 Acq On : 09 Sep 2025 09:49
 Operator : SY/MD
 Sample : VY0909SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

Quant Time: Sep 10 01:50:24 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	526182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	804473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	696952	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	357890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	226299	48.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.880%
35) Dibromofluoromethane	7.640	113	243863	49.591	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.109	98	937603	50.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.408	95	295177	50.514	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89247	21.142	ug/l	100
3) Chloromethane	2.074	50	127329	21.079	ug/l	100
4) Vinyl Chloride	2.208	62	155437	20.426	ug/l	98
5) Bromomethane	2.599	94	131024	21.086	ug/l	94
6) Chloroethane	2.739	64	105400	20.467	ug/l	98
7) Trichlorofluoromethane	3.056	101	195537	20.358	ug/l	98
8) Diethyl Ether	3.458	74	52685	20.730	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.824	101	106821	20.680	ug/l	96
10) Methyl Iodide	4.007	142	107070	17.769	ug/l	99
11) Tert butyl alcohol	4.866	59	27601	103.313	ug/l	100
12) 1,1-Dichloroethene	3.793	96	101575	20.442	ug/l	90
13) Acrolein	3.653	56	43995	97.408	ug/l	97
14) Allyl chloride	4.385	41	127715	20.346	ug/l	97
15) Acrylonitrile	5.068	53	99541	99.494	ug/l	98
16) Acetone	3.873	43	111787	106.142	ug/l	99
17) Carbon Disulfide	4.110	76	320211	20.354	ug/l	99
18) Methyl Acetate	4.385	43	50238	19.446	ug/l	93
19) Methyl tert-butyl Ether	5.122	73	237514	20.329	ug/l	97
20) Methylene Chloride	4.623	84	116191	20.621	ug/l	91
21) trans-1,2-Dichloroethene	5.116	96	111916	20.158	ug/l	97
22) Diisopropyl ether	6.025	45	288439	20.633	ug/l	96
23) Vinyl Acetate	5.964	43	784996	101.574	ug/l	99
24) 1,1-Dichloroethane	5.921	63	187648	20.523	ug/l	98
25) 2-Butanone	6.896	43	134579	103.823	ug/l	96
26) 2,2-Dichloropropane	6.890	77	165707	20.525	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	130037	20.683	ug/l	93
28) Bromochloromethane	7.250	49	72257	20.084	ug/l	86
29) Tetrahydrofuran	7.268	42	76779	99.862	ug/l	95
30) Chloroform	7.421	83	200334	20.392	ug/l	98
31) Cyclohexane	7.701	56	165175	20.414	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	179378	20.436	ug/l	99
36) 1,1-Dichloropropene	7.841	75	141985	20.273	ug/l	98
37) Ethyl Acetate	6.988	43	56061	20.122	ug/l	99
38) Carbon Tetrachloride	7.823	117	162044	20.107	ug/l	96
39) Methylcyclohexane	9.116	83	184629	20.606	ug/l	95
40) Benzene	8.085	78	444055	20.398	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	27152	18.819	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	109802	19.810	ug/l	98
43) Isopropyl Acetate	8.201	43	106527	19.658	ug/l	98
44) Trichloroethene	8.872	130	124422	20.519	ug/l	94
45) 1,2-Dichloropropane	9.146	63	98256	19.985	ug/l	100
46) Dibromomethane	9.231	93	59015	19.710	ug/l	96
47) Bromodichloromethane	9.427	83	151545	20.118	ug/l	98
48) Methyl methacrylate	9.225	41	48789	19.316	ug/l	93
49) 1,4-Dioxane	9.225	88	11998	394.751	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	274874	99.149	ug/l	98
52) Toluene	10.170	92	284968	20.627	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	131979	20.351	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	156796	20.233	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	79865	20.052	ug/l	94
56) Ethyl methacrylate	10.439	69	90892	19.697	ug/l	95
57) 1,3-Dichloropropane	10.719	76	129736	20.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	188184	93.570	ug/l	96
59) 2-Hexanone	10.762	43	192805	100.602	ug/l	98
60) Dibromochloromethane	10.914	129	107331	19.861	ug/l	98
61) 1,2-Dibromoethane	11.018	107	75816	20.314	ug/l	97
64) Tetrachloroethene	10.646	164	148298	21.349	ug/l	99
65) Chlorobenzene	11.444	112	313399	20.526	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	107736	20.103	ug/l	97
67) Ethyl Benzene	11.518	91	511836	20.519	ug/l	100
68) m/p-Xylenes	11.633	106	411334	41.182	ug/l	97
69) o-Xylene	11.957	106	189448	20.489	ug/l	97
70) Styrene	11.969	104	312548	20.396	ug/l	98
71) Bromoform	12.133	173	64196	20.115	ug/l #	97
73) Isopropylbenzene	12.255	105	497145	20.622	ug/l	98
74) N-amyl acetate	12.072	43	89423	19.624	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	78248	19.340	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	107116	29.555	ug/l #	100
77) Bromobenzene	12.536	156	124940	20.286	ug/l	93
78) n-propylbenzene	12.597	91	590264	20.774	ug/l	99
79) 2-Chlorotoluene	12.682	91	332984	20.347	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	407827	20.800	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	26395	19.861	ug/l	97
82) 4-Chlorotoluene	12.780	91	347778	20.309	ug/l	98
83) tert-Butylbenzene	12.999	119	367070	20.671	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	404367	20.847	ug/l	99
85) sec-Butylbenzene	13.176	105	542873	21.011	ug/l	99
86) p-Isopropyltoluene	13.292	119	451703	20.696	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	245430	20.138	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	244655	20.267	ug/l	100
89) n-Butylbenzene	13.615	91	396423	20.481	ug/l	98
90) Hexachloroethane	13.877	117	94246	19.918	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	211437	19.898	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12105	19.068	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	125140	20.189	ug/l	99
94) Hexachlorobutadiene	15.023	225	78784	20.557	ug/l	98
95) Naphthalene	15.145	128	192984	19.371	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	108001	20.063	ug/l	100

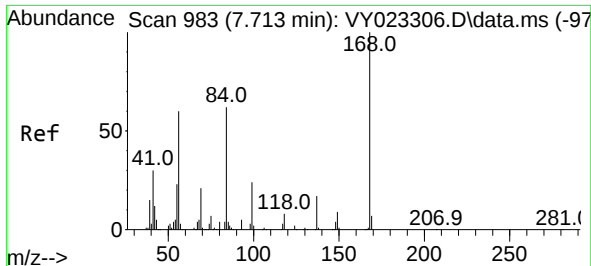
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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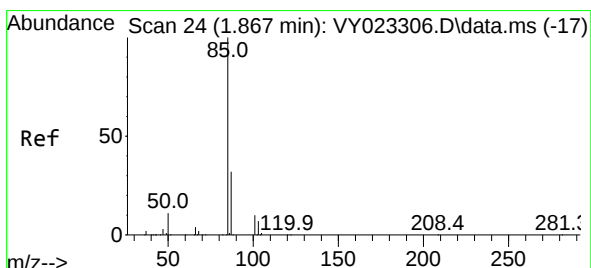
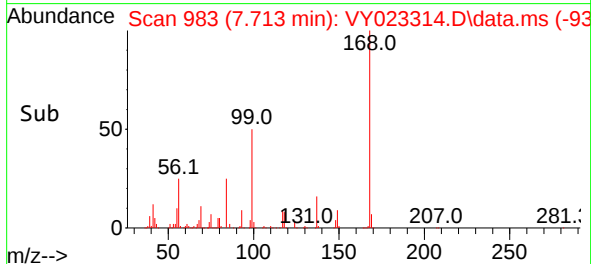
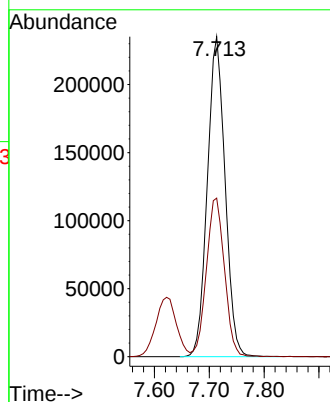
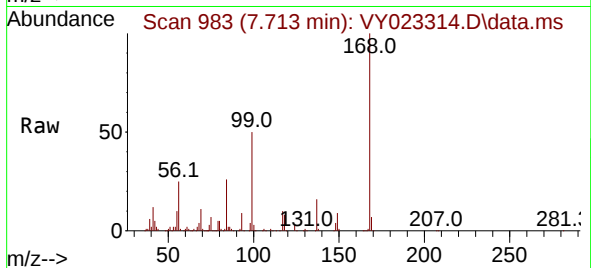
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

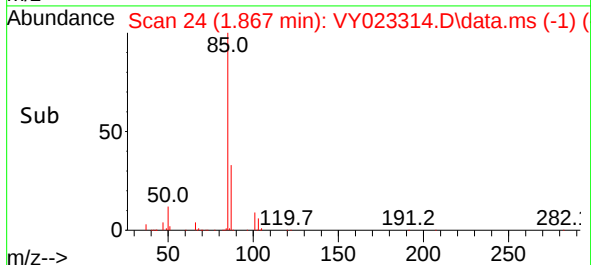
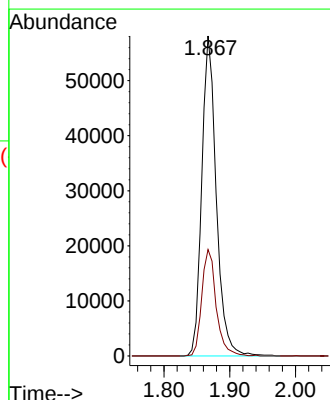
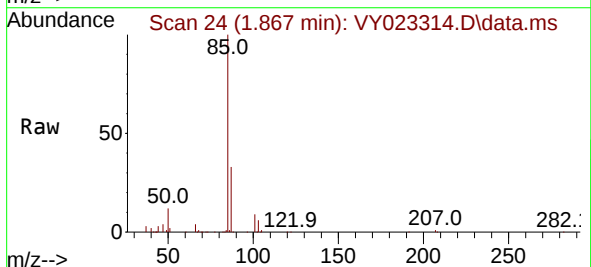
Instrument :
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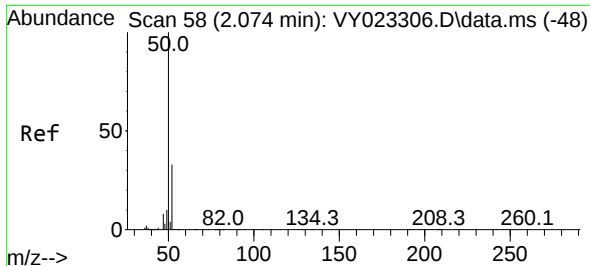
Tgt Ion:168 Resp: 526182
Ion Ratio Lower Upper
168 100
99 49.5 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.142 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 85 Resp: 89247
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8

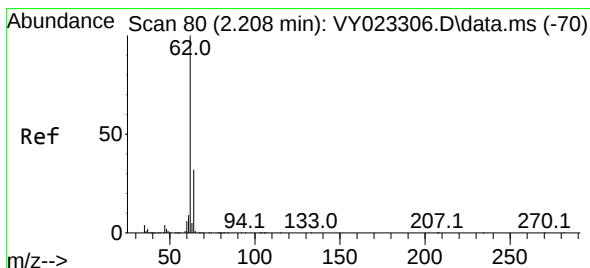
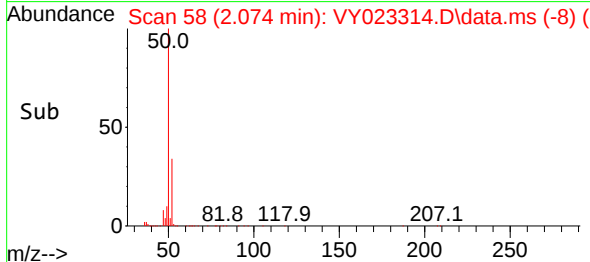
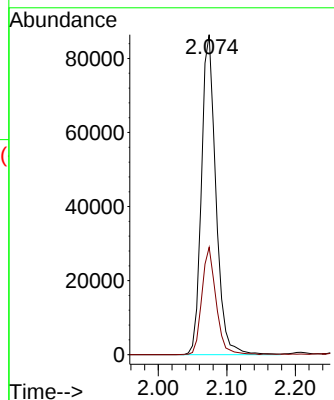
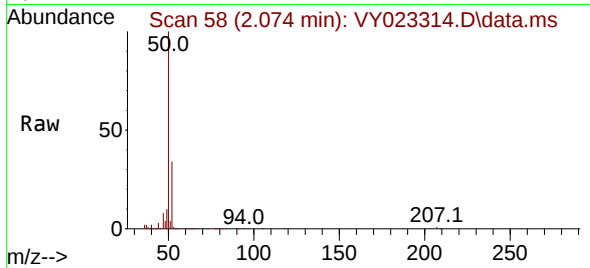




#3
Chloromethane
Concen: 21.079 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

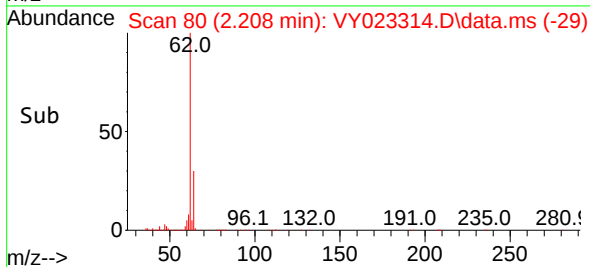
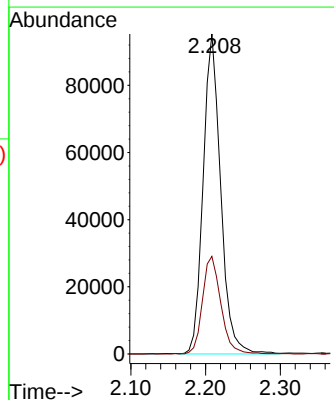
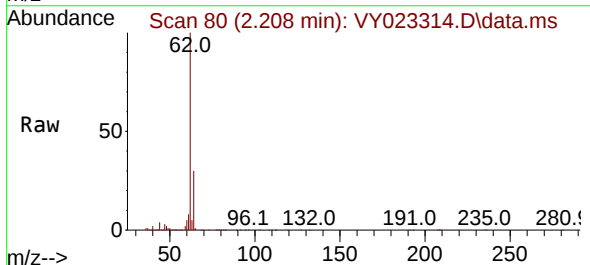
Instrument :
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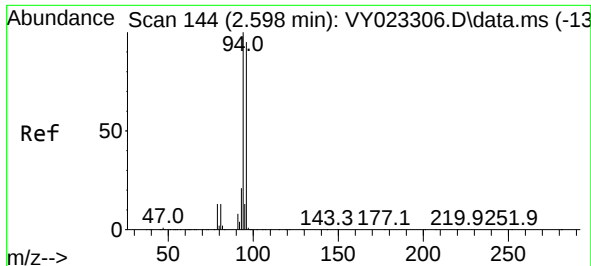
Tgt Ion: 50 Resp: 127329
Ion Ratio Lower Upper
50 100
52 33.5 26.7 40.1



#4
Vinyl Chloride
Concen: 20.426 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 62 Resp: 155437
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0

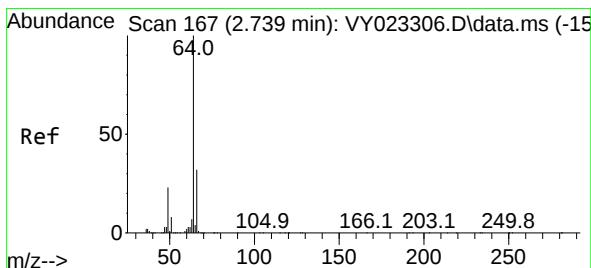
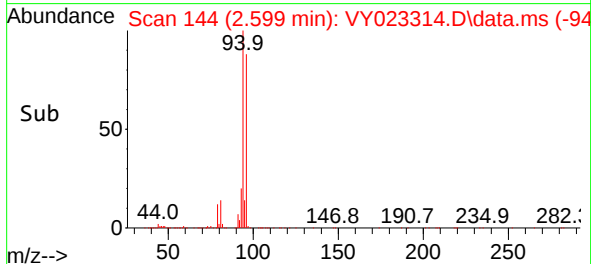
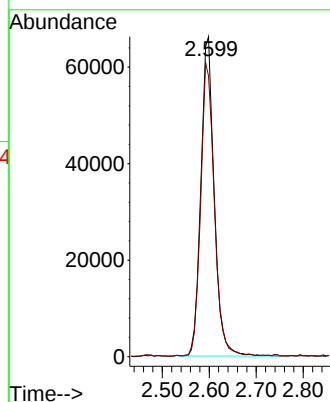
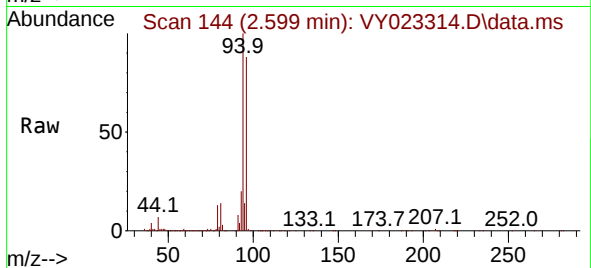




#5
Bromomethane
Concen: 21.086 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

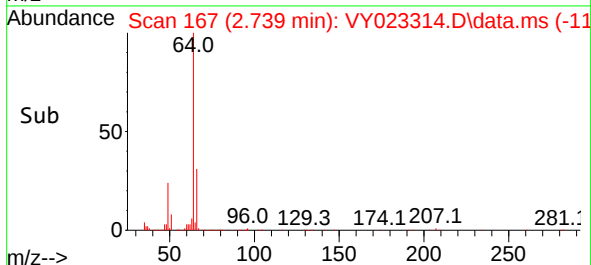
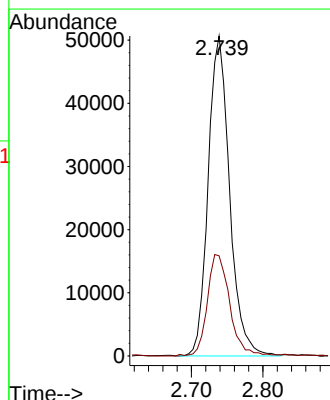
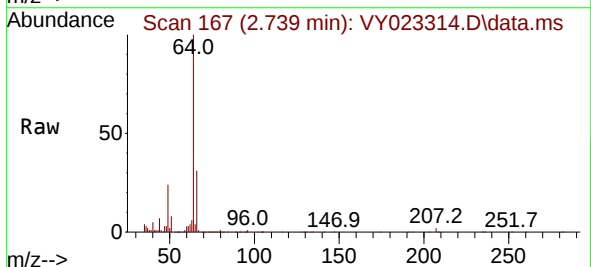
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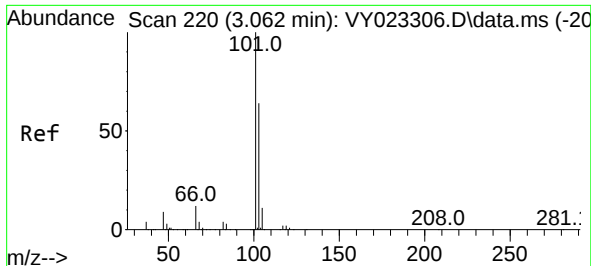
Tgt Ion: 94 Resp: 131024
Ion Ratio Lower Upper
94 100
96 87.6 74.6 112.0



#6
Chloroethane
Concen: 20.467 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 64 Resp: 105400
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.6

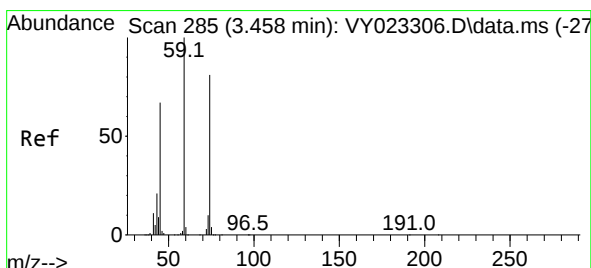
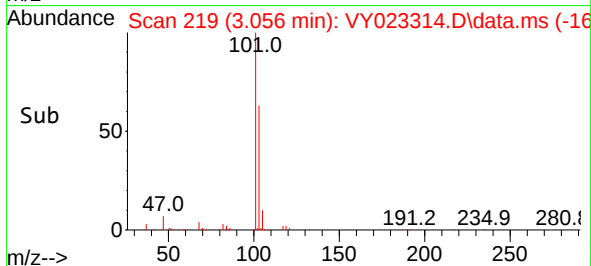
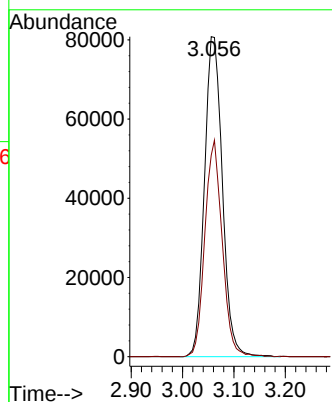
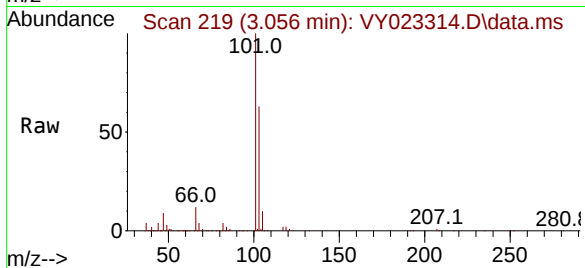




#7
Trichlorofluoromethane
Concen: 20.358 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

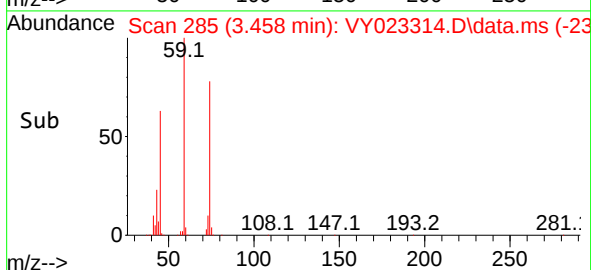
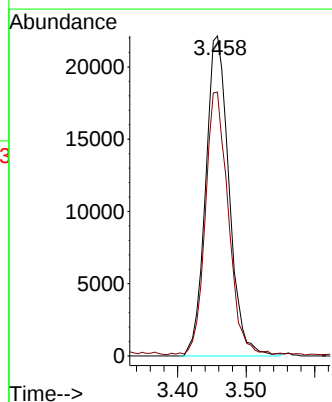
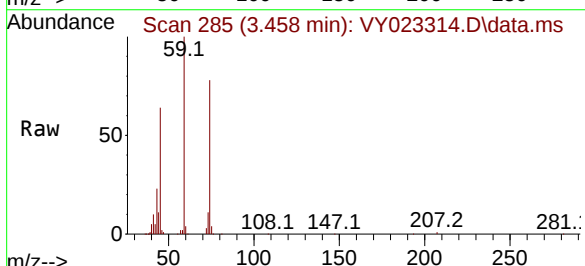
Instrument :
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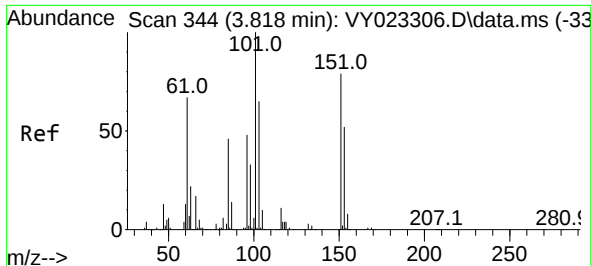
Tgt Ion:101 Resp: 195537
Ion Ratio Lower Upper
101 100
103 62.9 51.9 77.9



#8
Diethyl Ether
Concen: 20.730 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 74 Resp: 52685
Ion Ratio Lower Upper
74 100
45 80.4 44.4 133.2

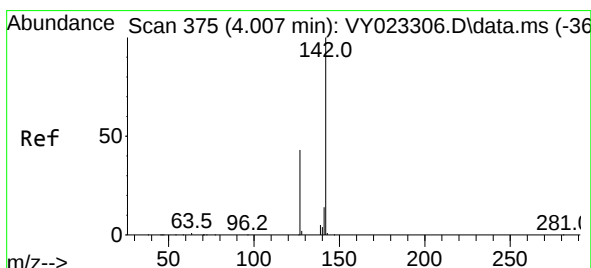
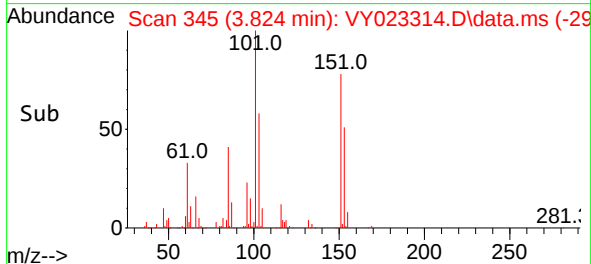
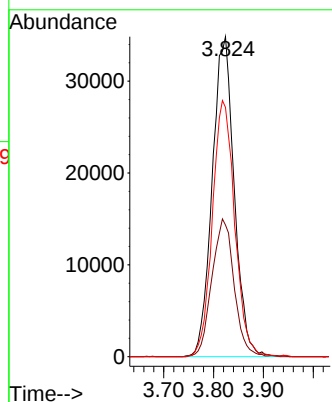
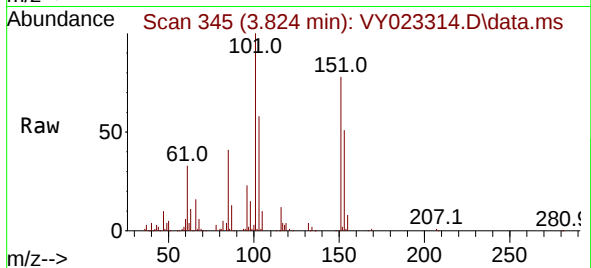




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.680 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

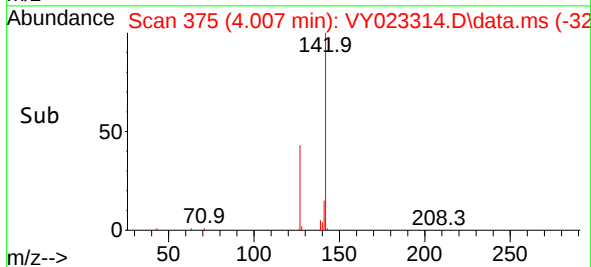
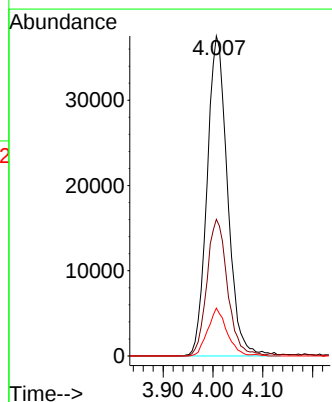
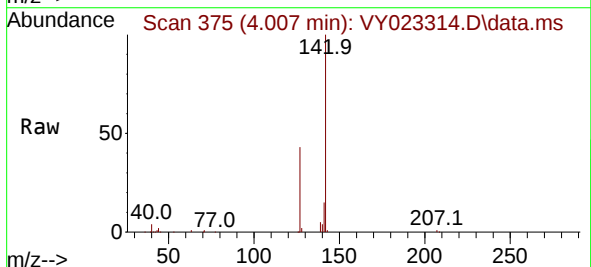
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

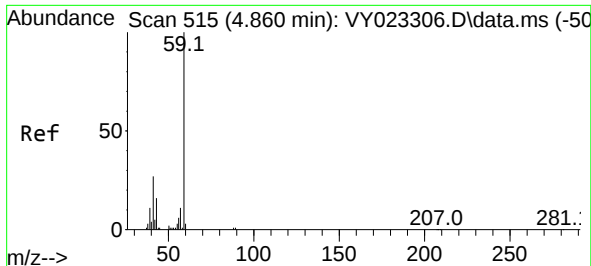
Tgt Ion:101 Resp: 106821
Ion Ratio Lower Upper
101 100
85 43.4 36.3 54.5
151 81.1 61.5 92.3



#10
Methyl Iodide
Concen: 17.769 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion:142 Resp: 107070
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: 103.313 ug/l

RT: 4.866 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

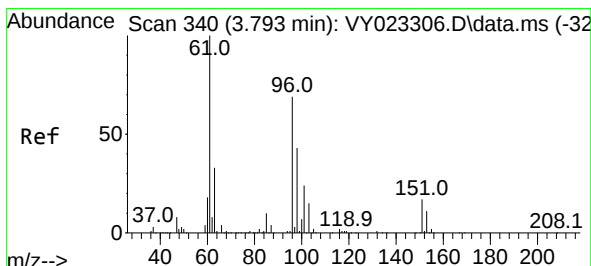
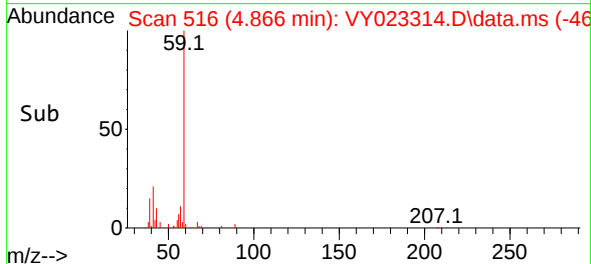
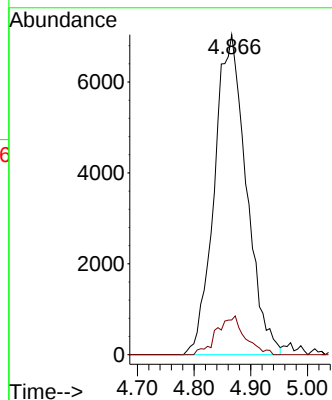
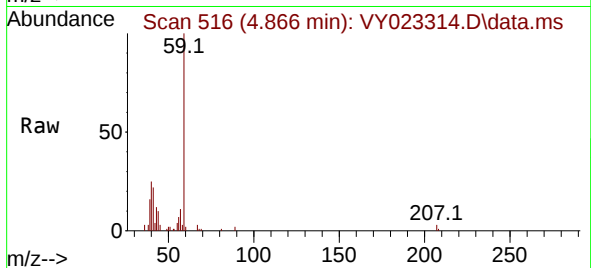
VY0909SBS01

Tgt Ion: 59 Resp: 27601

Ion Ratio Lower Upper

59 100

57 10.7 8.6 13.0



#12

1,1-Dichloroethene

Concen: 20.442 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

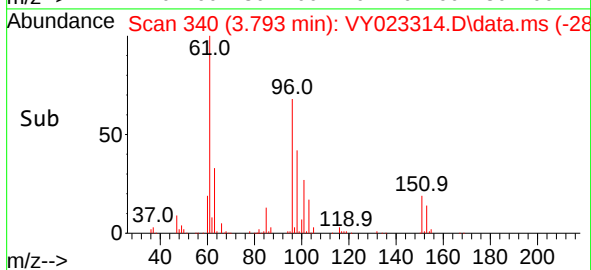
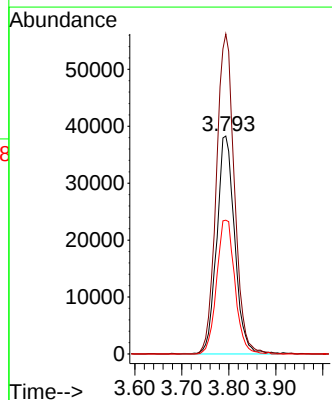
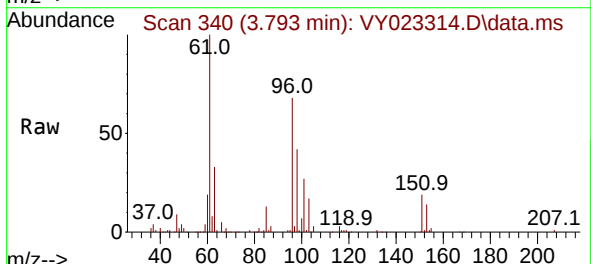
Tgt Ion: 96 Resp: 101575

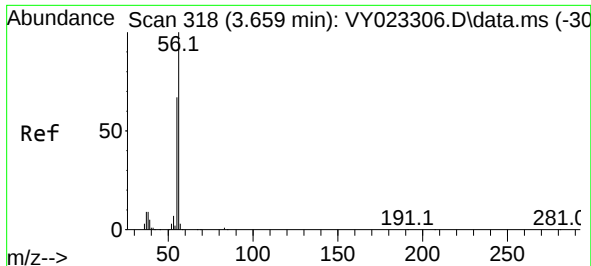
Ion Ratio Lower Upper

96 100

61 146.9 129.4 194.2

98 61.4 52.8 79.2

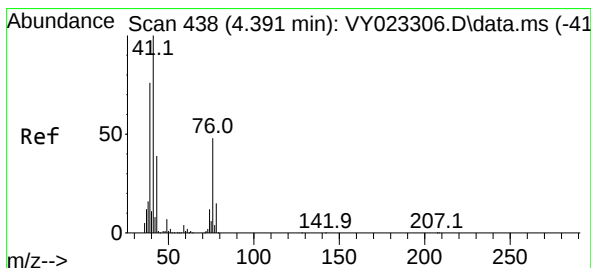
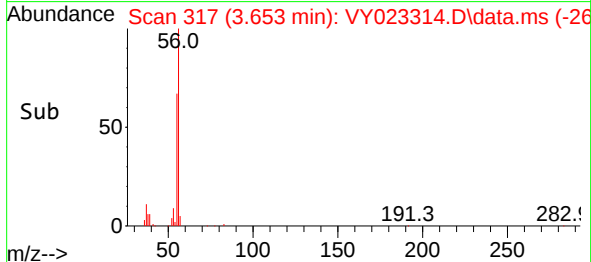
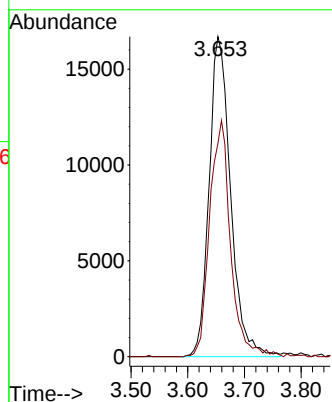
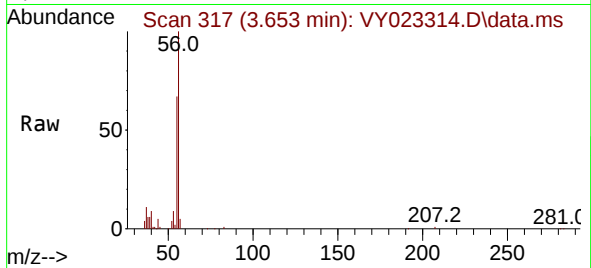




#13
Acrolein
Concen: 97.408 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

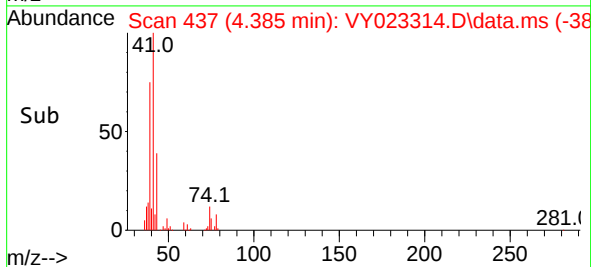
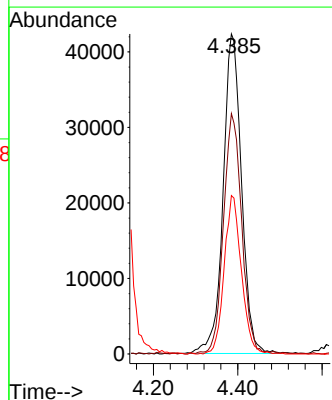
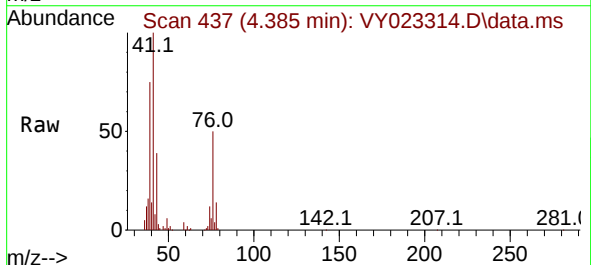
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

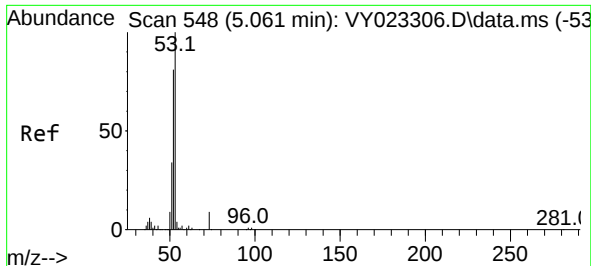
Tgt Ion: 56 Resp: 43995
Ion Ratio Lower Upper
56 100
55 71.8 55.2 82.8



#14
Allyl chloride
Concen: 20.346 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 41 Resp: 127715
Ion Ratio Lower Upper
41 100
39 74.6 59.8 89.6
76 46.4 33.7 50.5

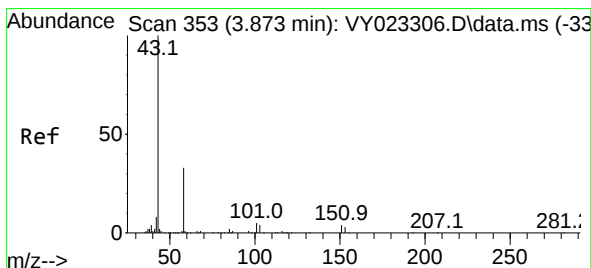
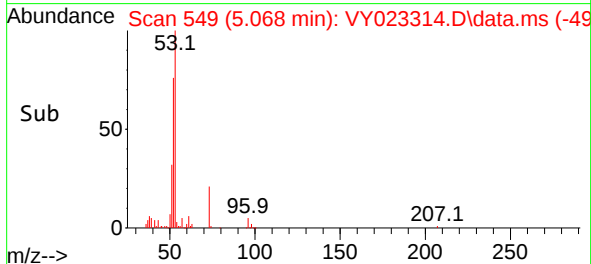
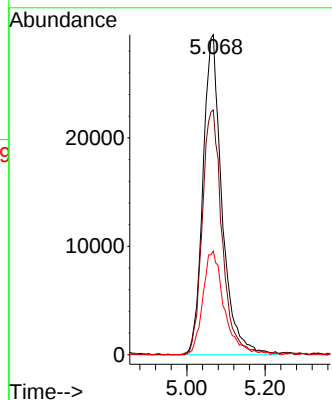
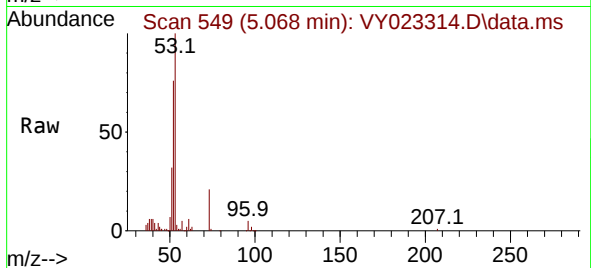




#15
Acrylonitrile
Concen: 99.494 ug/l
RT: 5.068 min Scan# 548
Delta R.T. 0.018 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

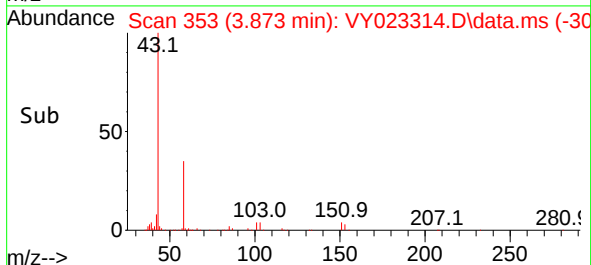
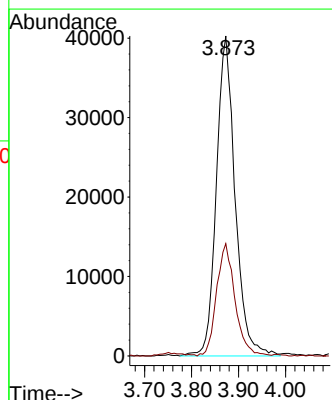
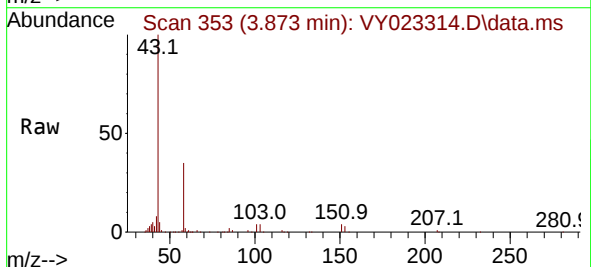
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

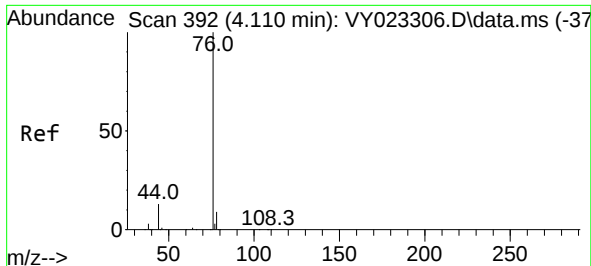
Tgt Ion: 53 Resp: 99541
Ion Ratio Lower Upper
53 100
52 79.7 65.3 97.9
51 36.0 29.5 44.3



#16
Acetone
Concen: 106.142 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 43 Resp: 111787
Ion Ratio Lower Upper
43 100
58 34.7 27.1 40.7

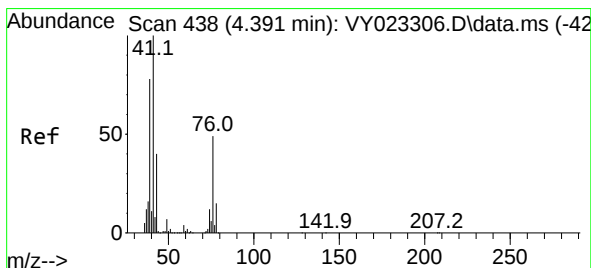
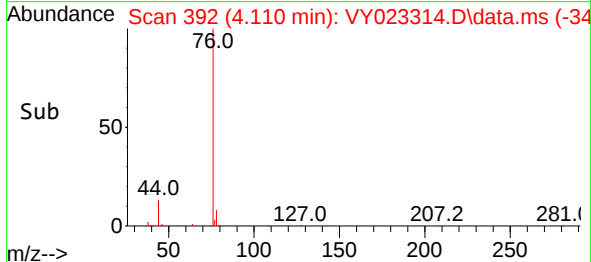
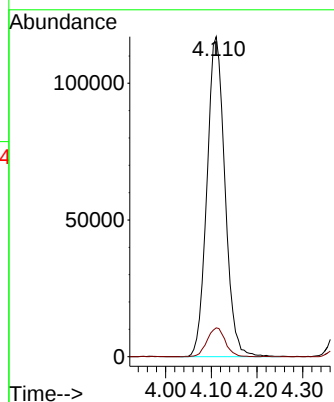
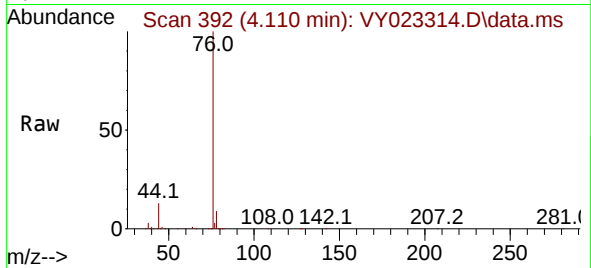




#17
Carbon Disulfide
Concen: 20.354 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

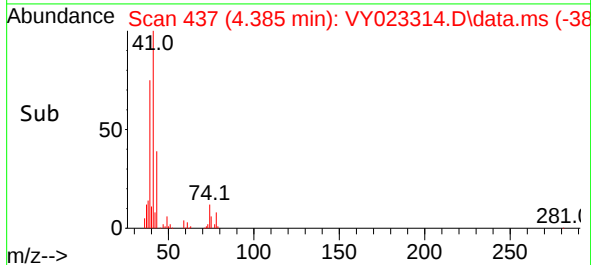
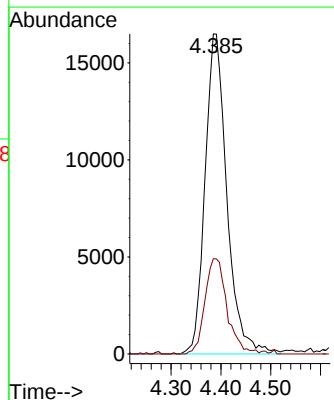
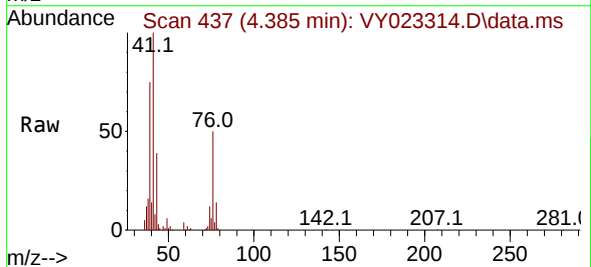
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

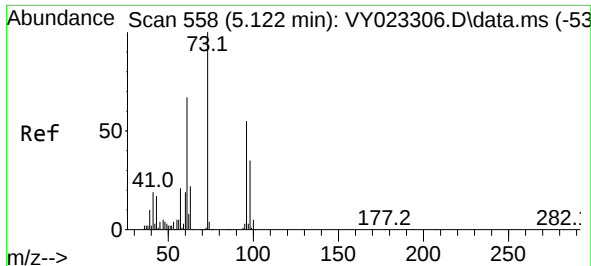
Tgt Ion: 76 Resp: 320211
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 19.446 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 43 Resp: 50238
Ion Ratio Lower Upper
43 100
74 30.2 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 20.329 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

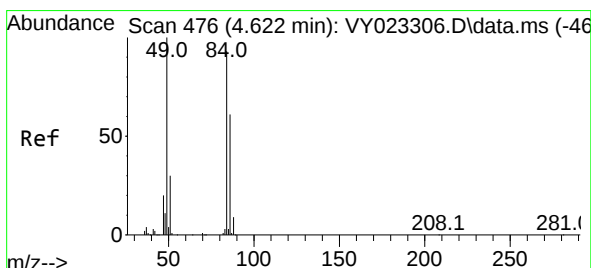
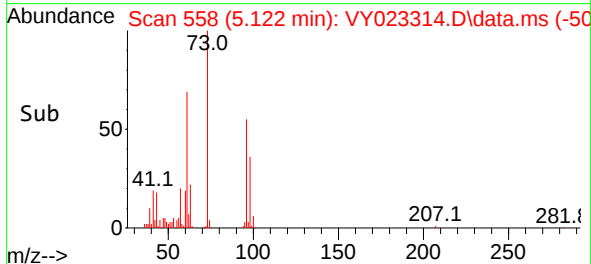
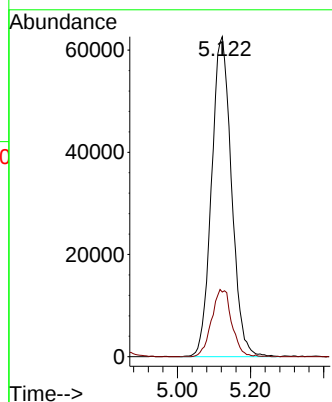
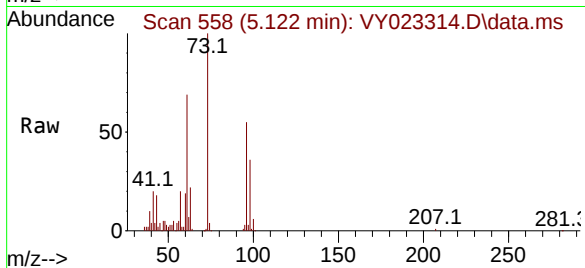
VY0909SBS01

Tgt Ion: 73 Resp: 237514

Ion Ratio Lower Upper

73 100

57 20.2 17.1 25.7



#20

Methylene Chloride

Concen: 20.621 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.019 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Tgt Ion: 84 Resp: 116191

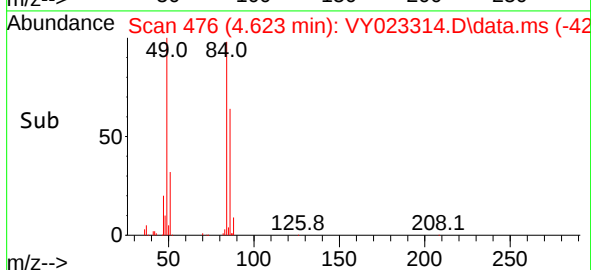
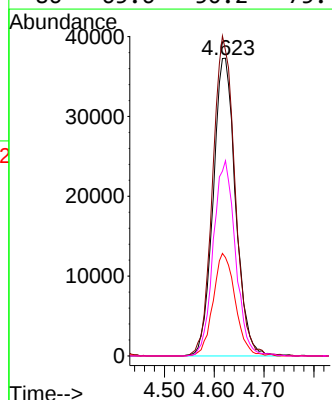
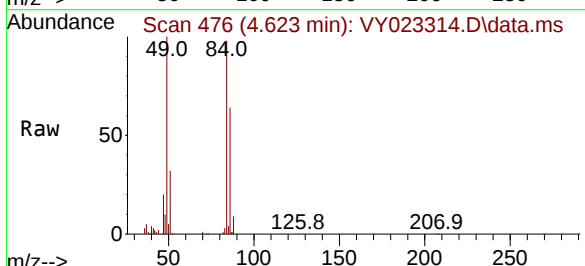
Ion Ratio Lower Upper

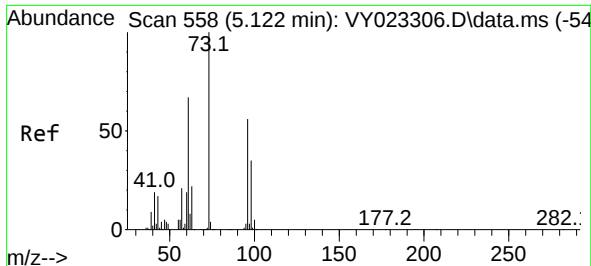
84 100

49 102.6 93.0 139.6

51 33.1 29.0 43.4

86 65.6 50.2 75.4

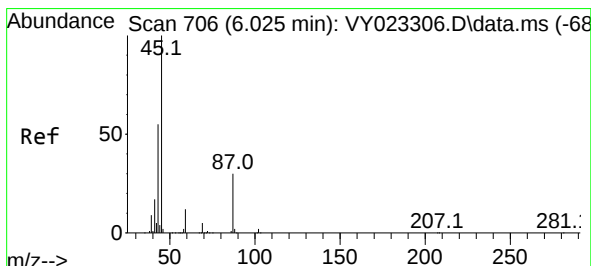
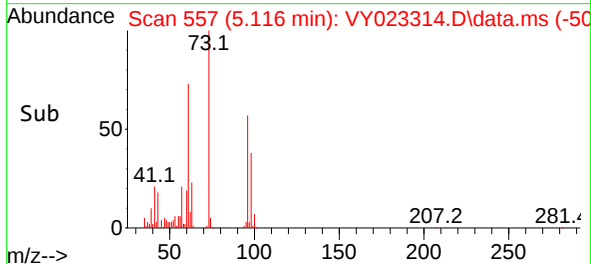
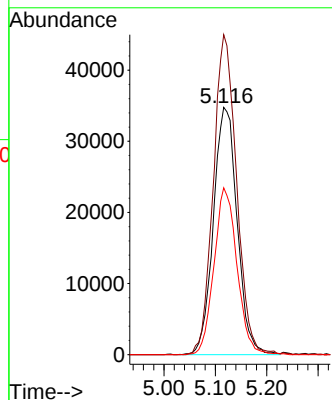
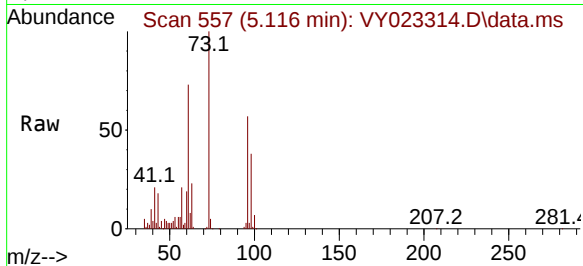




#21
trans-1,2-Dichloroethene
Concen: 20.158 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

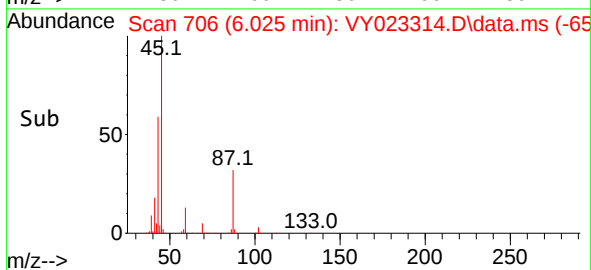
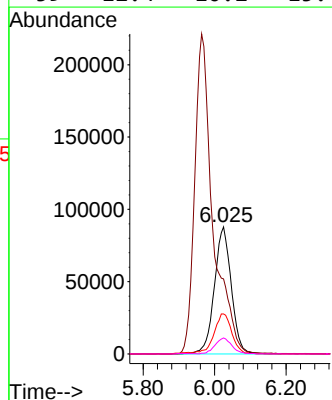
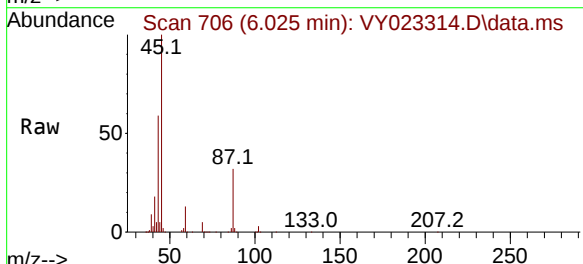
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

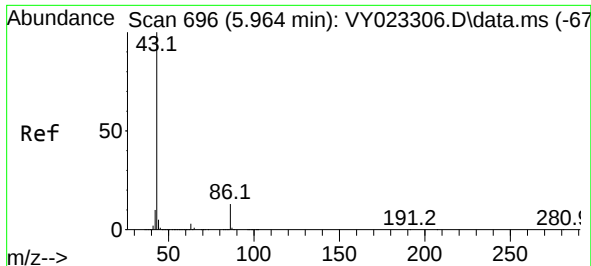
Tgt Ion: 96 Resp: 111916
Ion Ratio Lower Upper
96 100
61 129.2 104.8 157.2
98 67.4 50.1 75.1



#22
Diisopropyl ether
Concen: 20.633 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 45 Resp: 288439
Ion Ratio Lower Upper
45 100
43 58.6 43.4 65.0
87 31.5 24.4 36.6
59 12.4 10.2 15.4

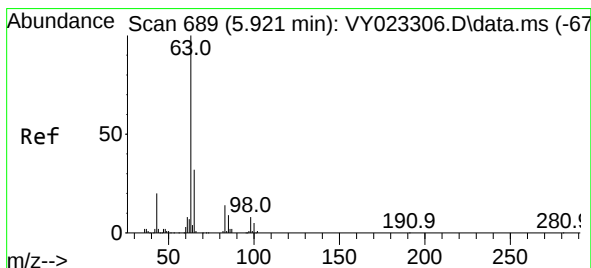
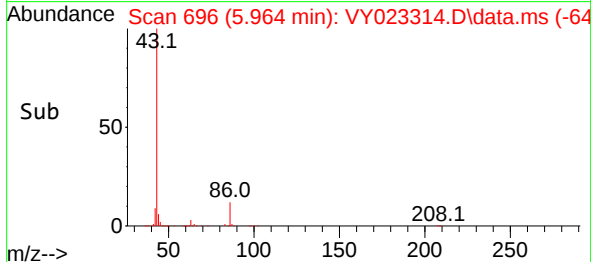
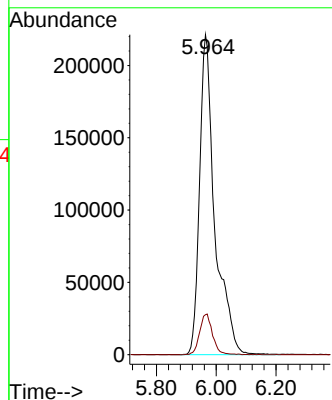
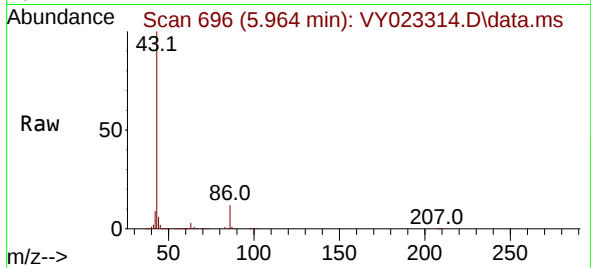




#23
 Vinyl Acetate
 Concen: 101.574 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023314.D
 Acq: 09 Sep 2025 09:49

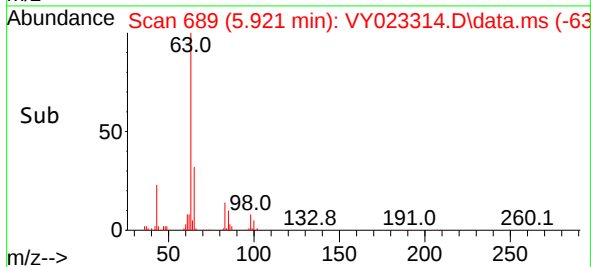
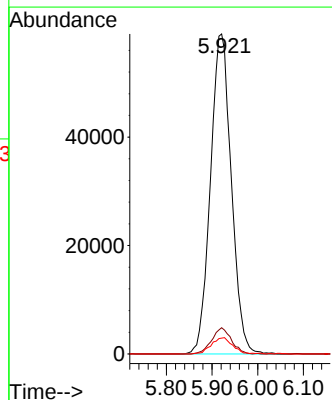
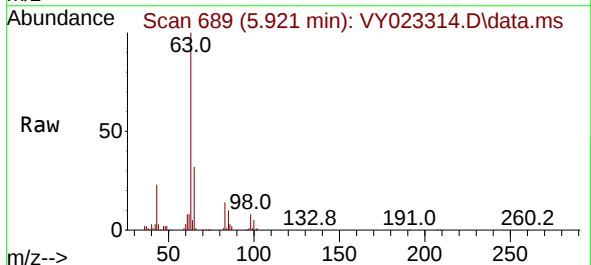
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

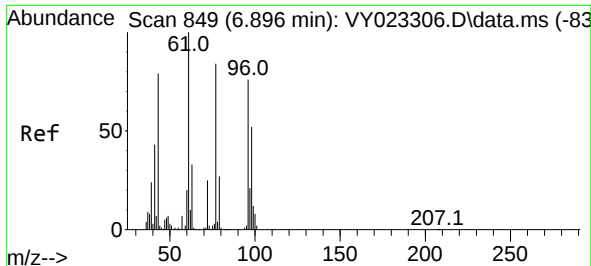
Tgt Ion: 43 Resp: 784996
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.523 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023314.D
 Acq: 09 Sep 2025 09:49

Tgt Ion: 63 Resp: 187648
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.6
 100 4.9 2.4 7.1

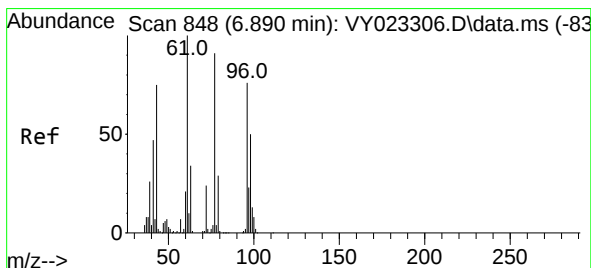
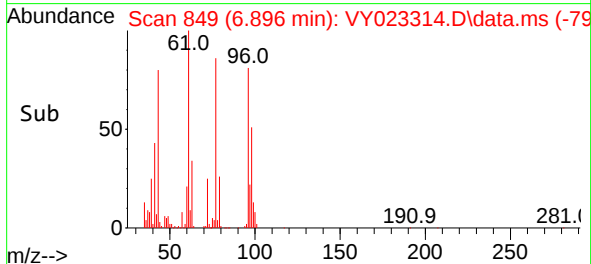
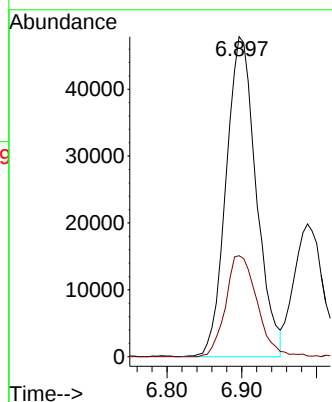
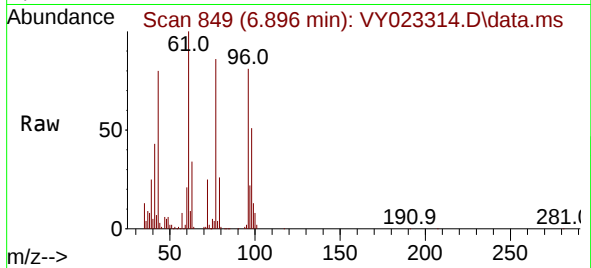




#25
2-Butanone
Concen: 103.823 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

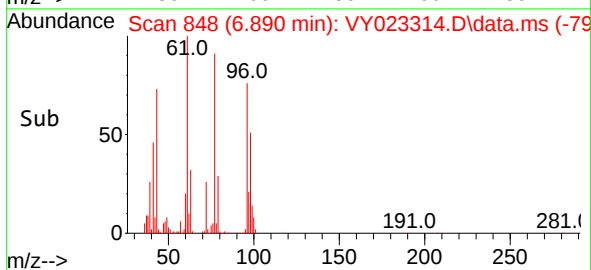
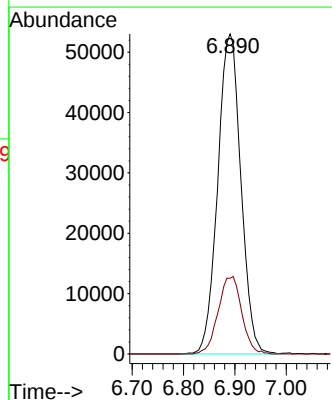
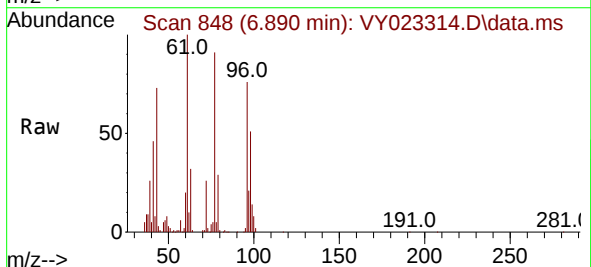
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

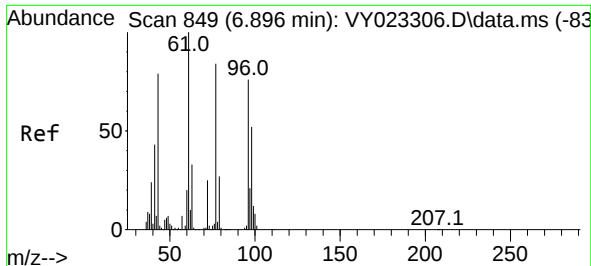
Tgt Ion: 43 Resp: 134579
Ion Ratio Lower Upper
43 100
72 31.6 23.5 35.3



#26
2,2-Dichloropropane
Concen: 20.525 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 77 Resp: 165707
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.8

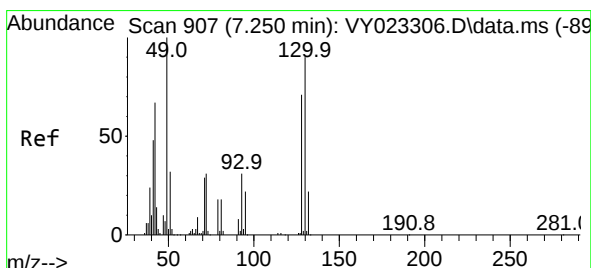
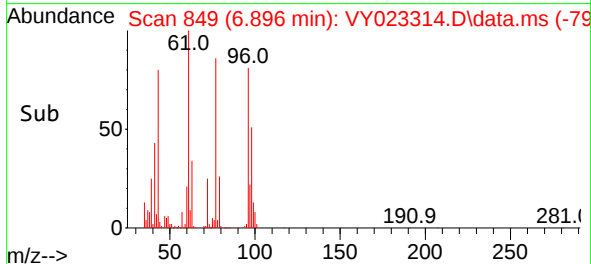
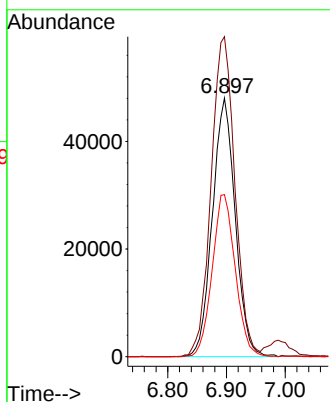
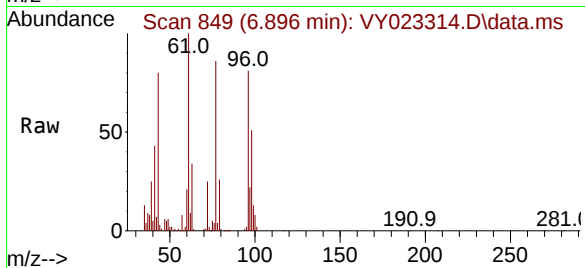




#27
 cis-1,2-Dichloroethene
 Concen: 20.683 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY023314.D
 Acq: 09 Sep 2025 09:49

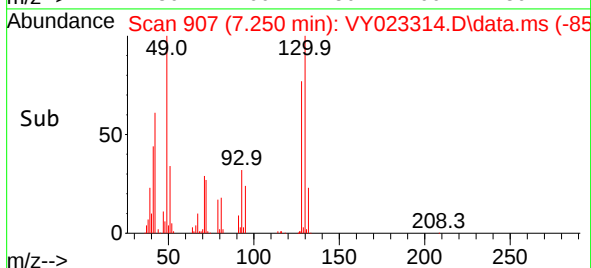
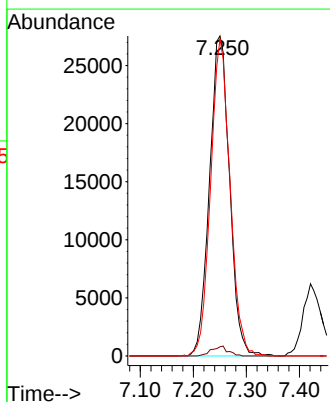
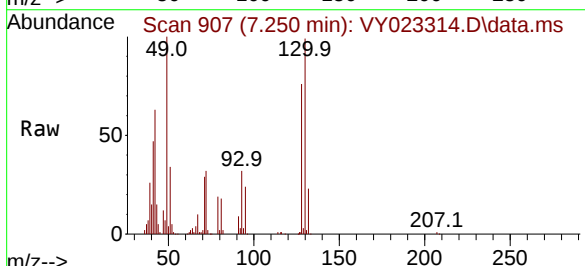
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

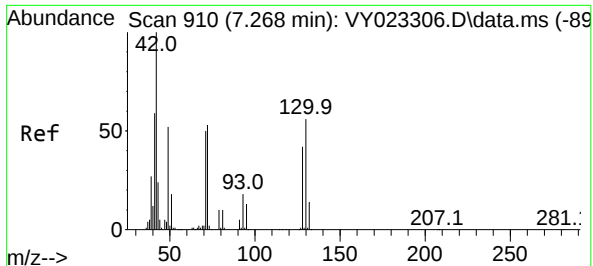
Tgt Ion: 96 Resp: 130037
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 278.6
 98 63.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.084 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023314.D
 Acq: 09 Sep 2025 09:49

Tgt Ion: 49 Resp: 72257
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 95.7 66.4 99.6





#29

Tetrahydrofuran

Concen: 99.862 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

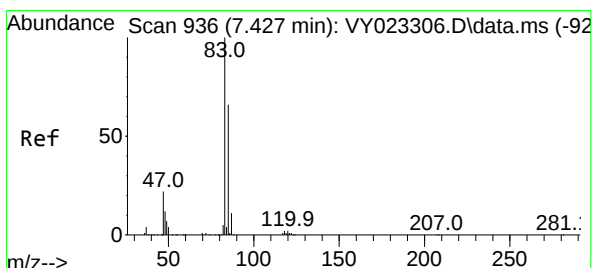
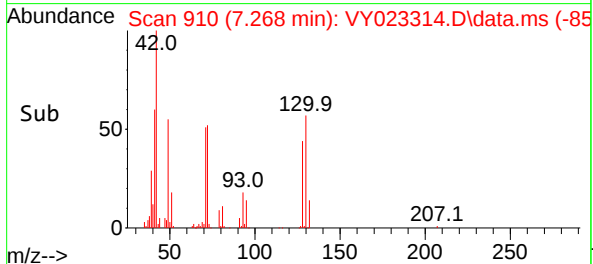
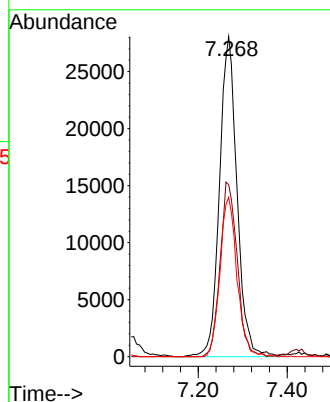
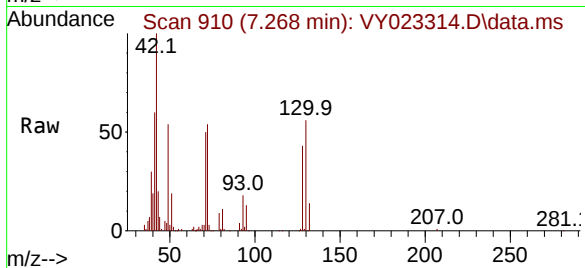
Tgt Ion: 42 Resp: 76779

Ion Ratio Lower Upper

42 100

72 53.1 39.4 59.2

71 48.3 36.5 54.7



#30

Chloroform

Concen: 20.392 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023314.D

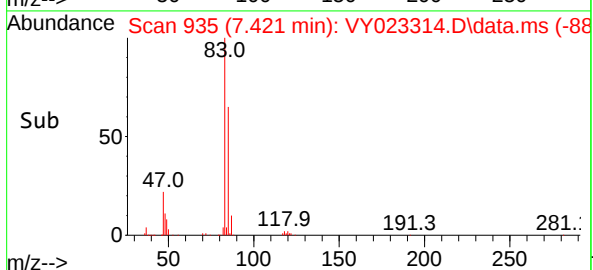
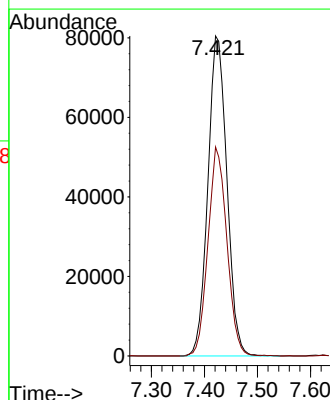
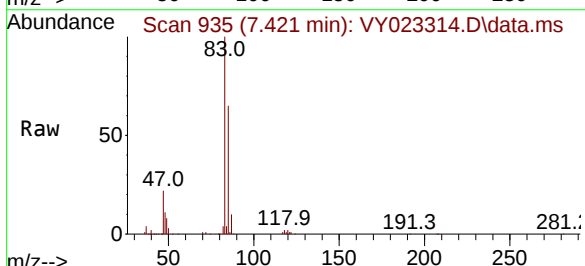
Acq: 09 Sep 2025 09:49

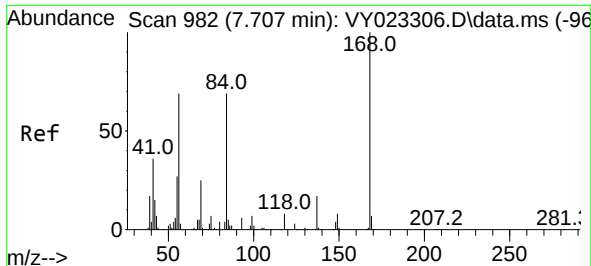
Tgt Ion: 83 Resp: 200334

Ion Ratio Lower Upper

83 100

85 65.3 53.8 80.8

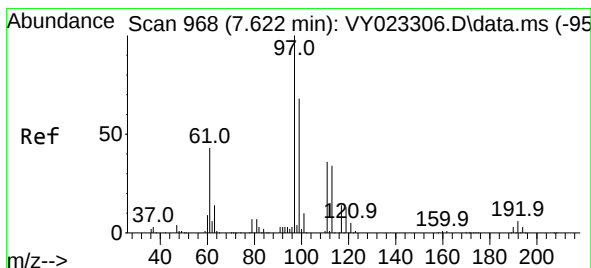
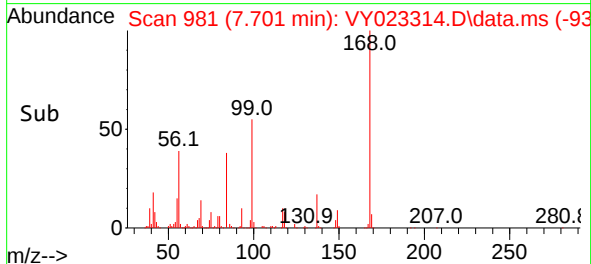
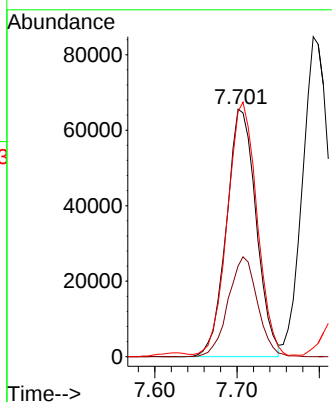
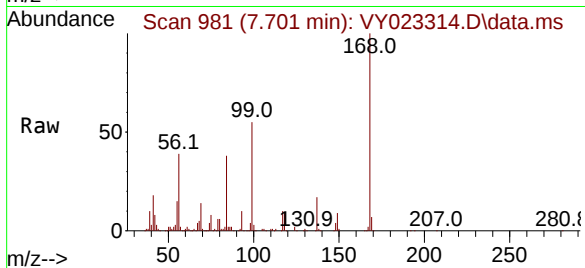




#31
Cyclohexane
Concen: 20.414 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

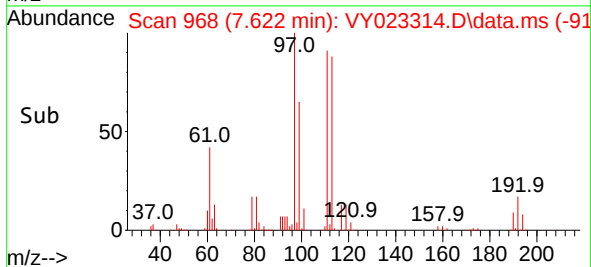
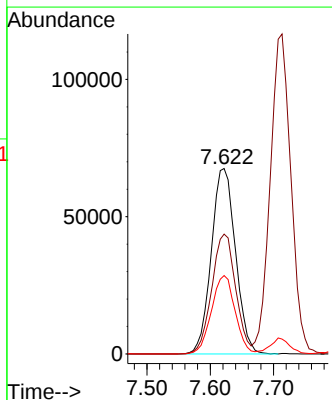
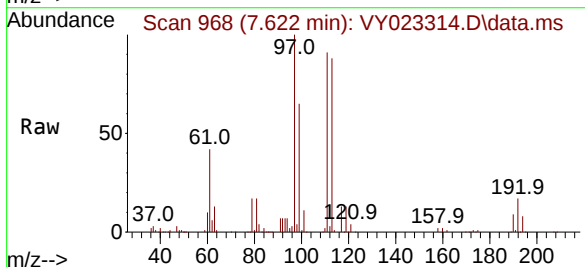
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

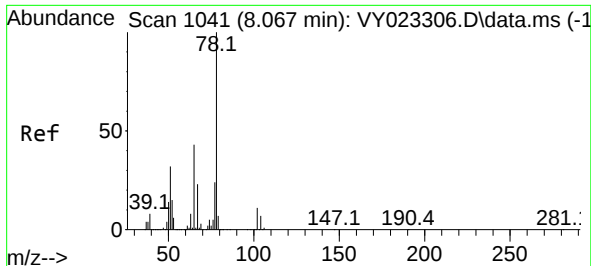
Tgt Ion: 56 Resp: 165175
Ion Ratio Lower Upper
56 100
69 36.6 28.2 42.2
84 97.4 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.436 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 97 Resp: 179378
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 41.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.944 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

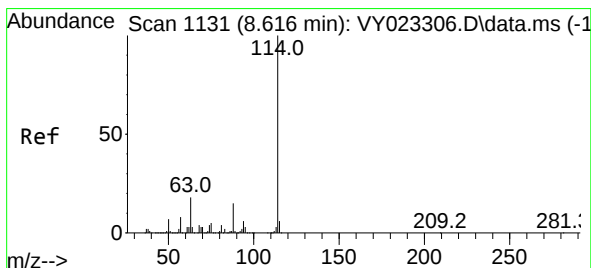
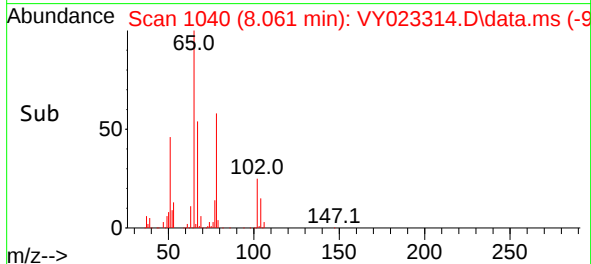
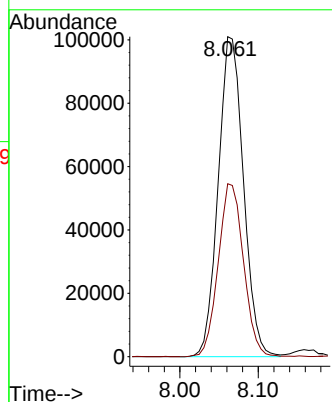
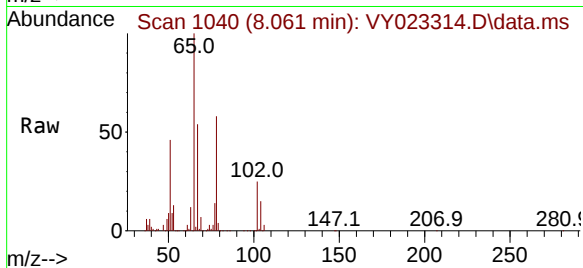
VY0909SBS01

Tgt Ion: 65 Resp: 226299

Ion Ratio Lower Upper

65 100

67 54.0 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: VY023314.D

Acq: 09 Sep 2025 09:49

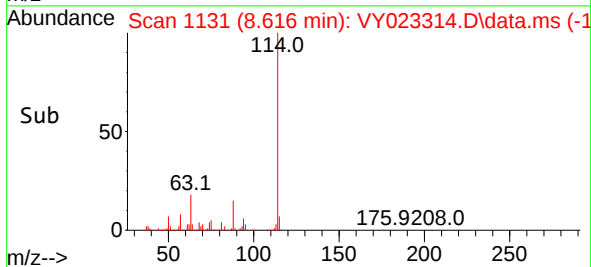
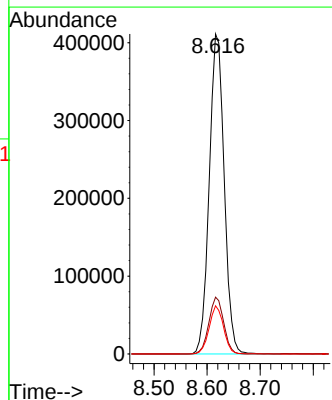
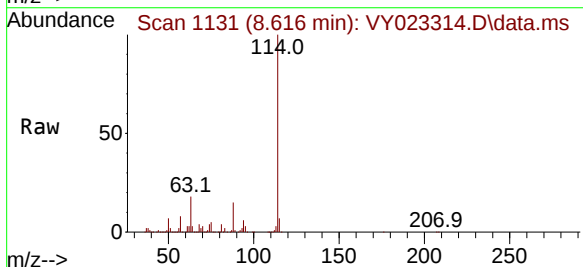
Tgt Ion: 114 Resp: 804473

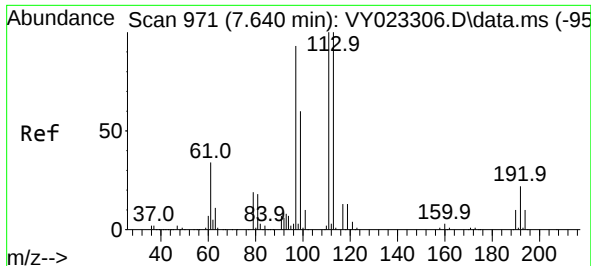
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 15.0 0.0 30.0

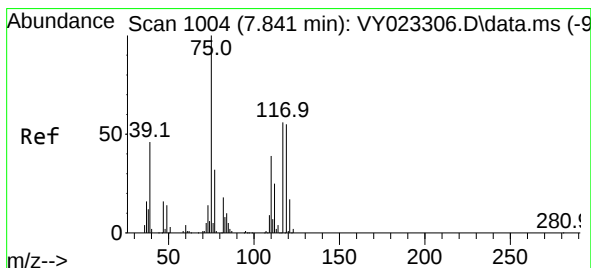
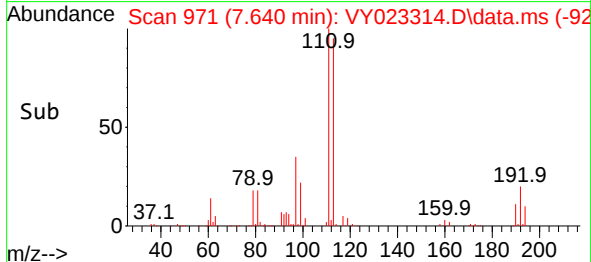
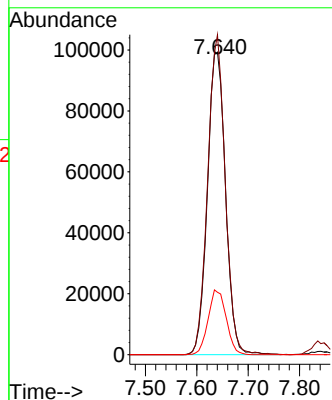
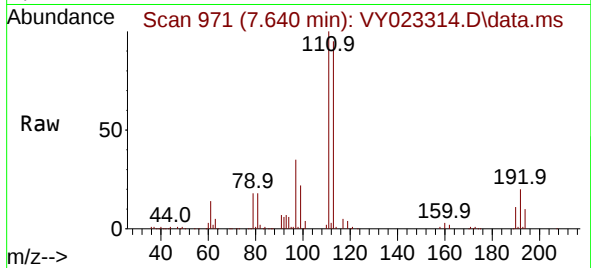




#35
Dibromofluoromethane
Concen: 49.591 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

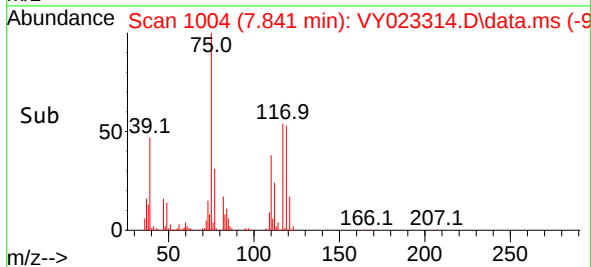
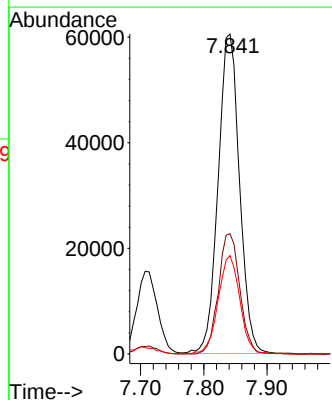
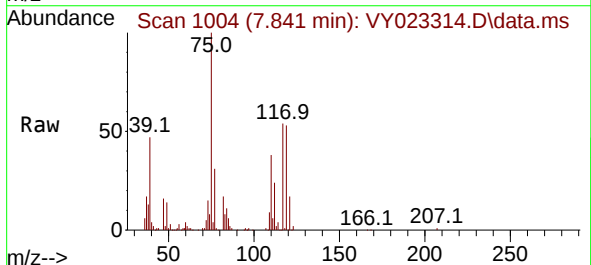
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

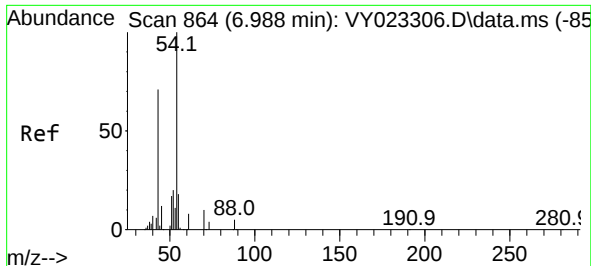
Tgt Ion:113 Resp: 243863
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 21.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.273 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 75 Resp: 141985
Ion Ratio Lower Upper
75 100
110 37.7 18.1 54.4
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 20.122 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

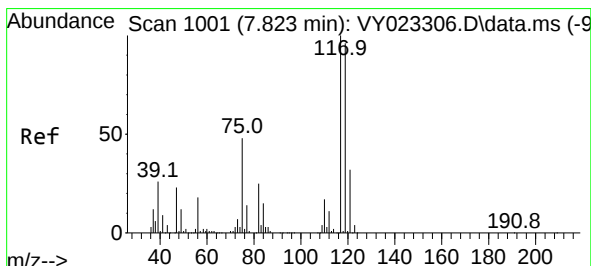
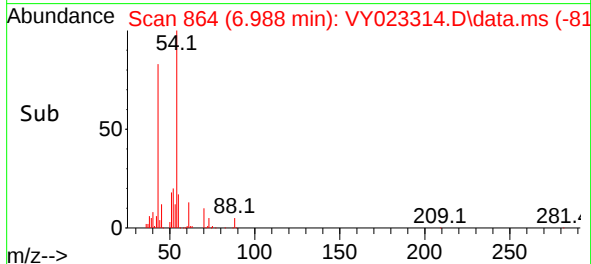
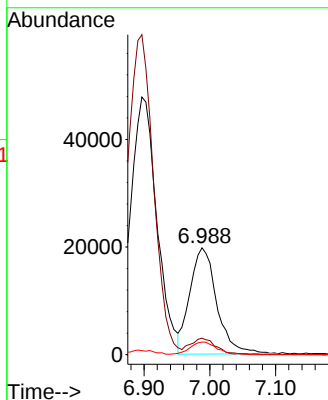
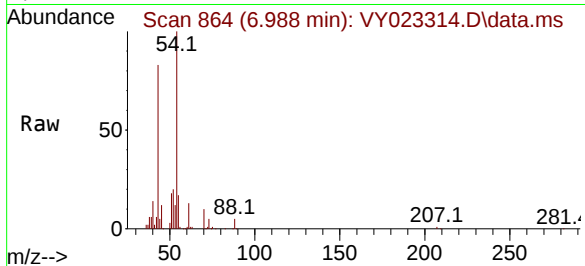
Tgt Ion: 43 Resp: 56061

Ion Ratio Lower Upper

43 100

61 15.2 11.9 17.9

70 11.7 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.107 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

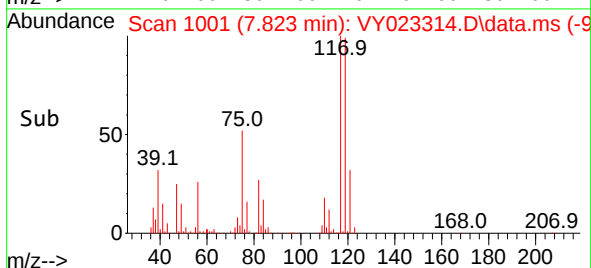
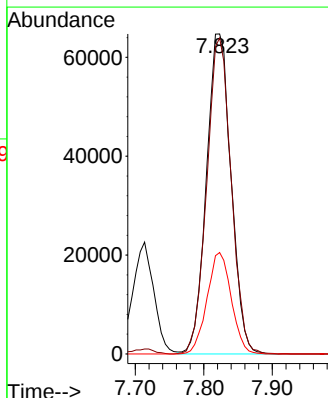
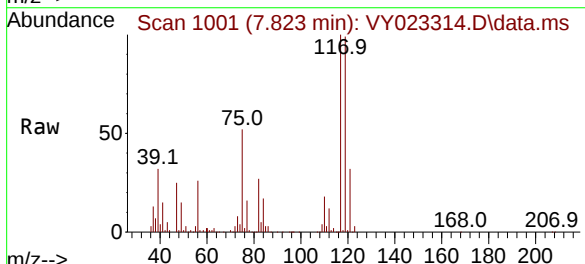
Tgt Ion: 117 Resp: 162044

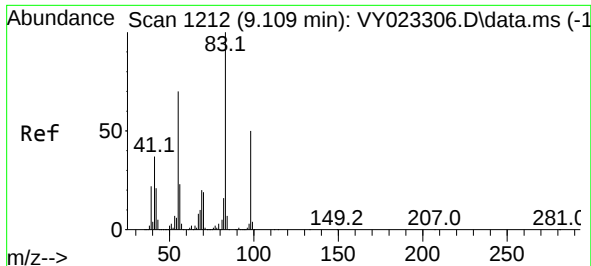
Ion Ratio Lower Upper

117 100

119 98.7 75.6 113.4

121 31.7 25.8 38.8





#39

Methylcyclohexane

Concen: 20.606 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

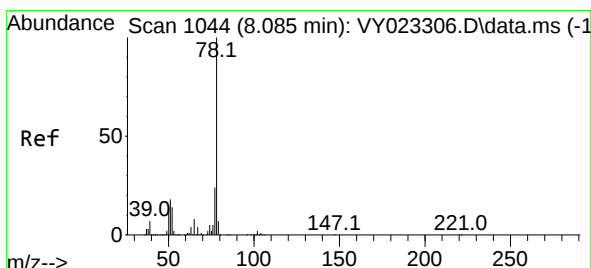
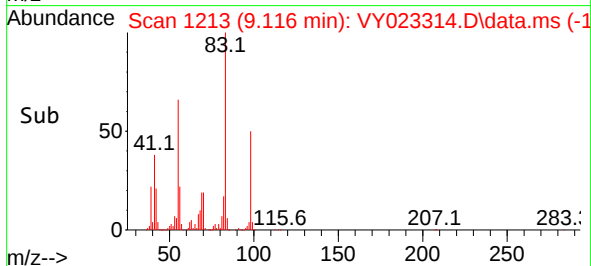
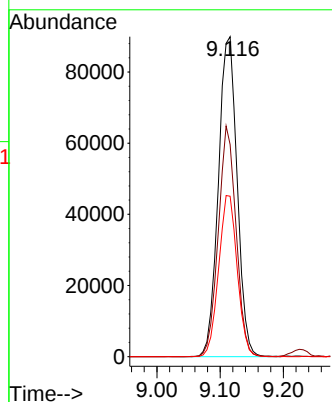
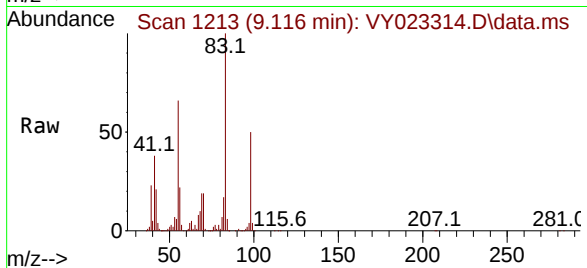
Tgt Ion: 83 Resp: 184629

Ion Ratio Lower Upper

83 100

55 66.3 57.6 86.4

98 50.1 39.2 58.8



#40

Benzene

Concen: 20.398 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023314.D

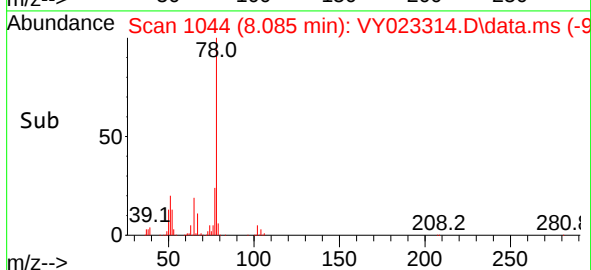
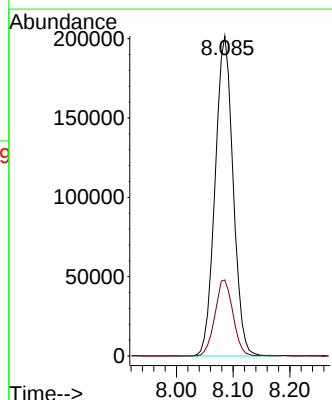
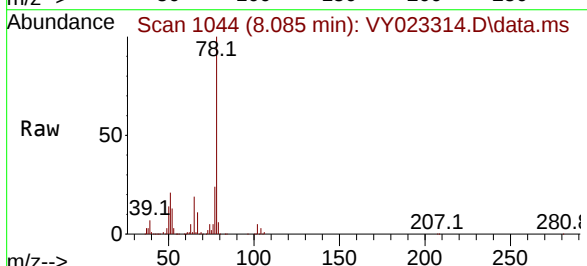
Acq: 09 Sep 2025 09:49

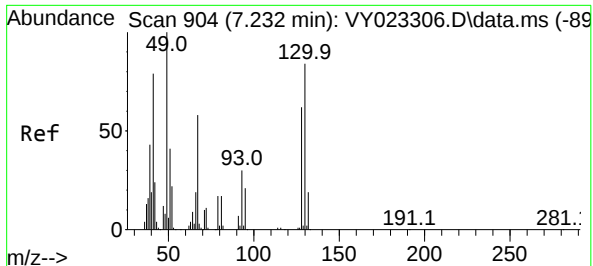
Tgt Ion: 78 Resp: 444055

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0



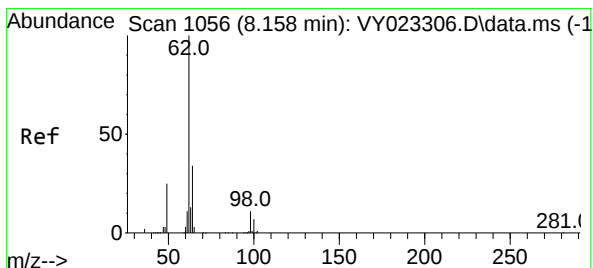
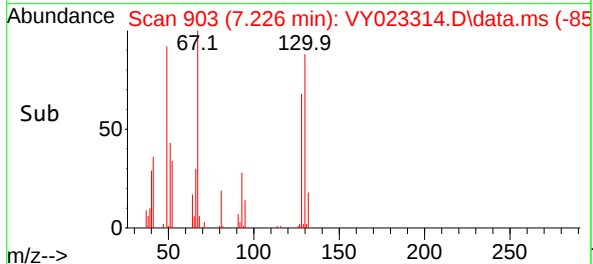
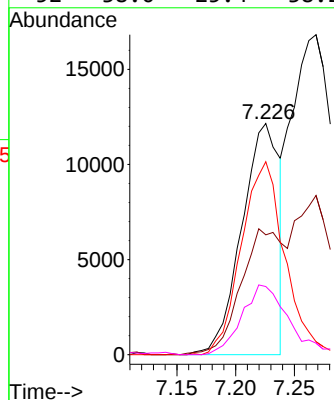
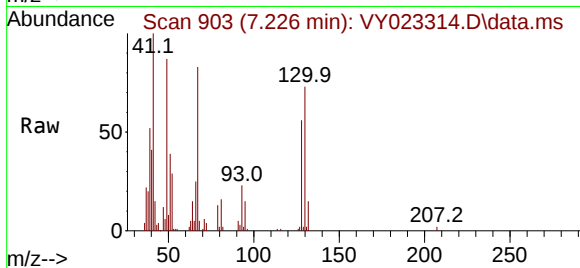


#41
Methacrylonitrile
Concen: 18.819 ug/l
RT: 7.226 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

Tgt Ion: 41 Resp: 27152

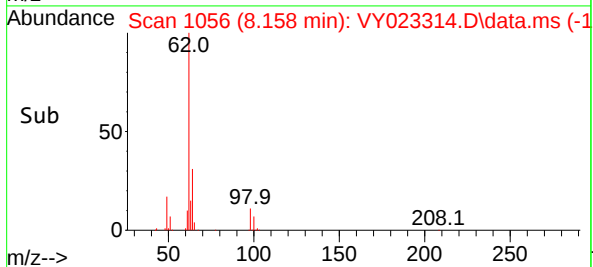
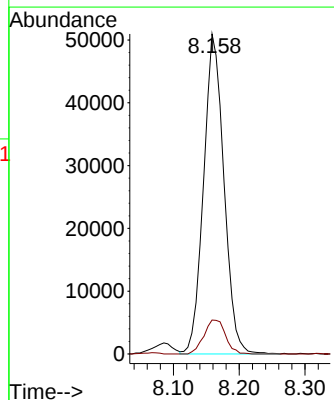
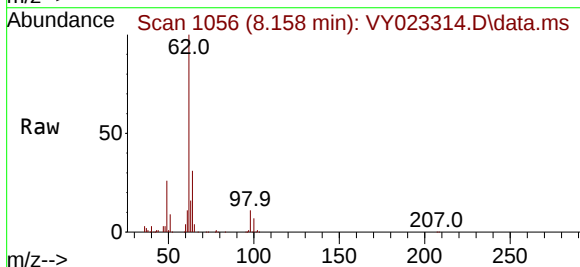
Ion	Ratio	Lower	Upper
41	100		
39	63.9	43.4	65.2
67	96.5	63.6	95.4
52	38.0	25.4	38.2

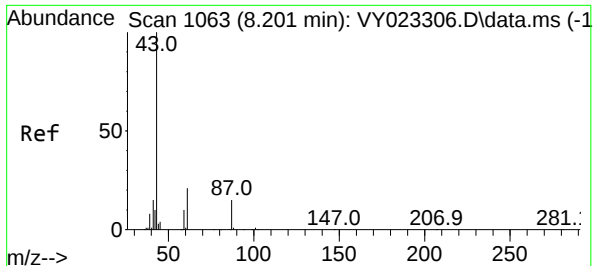


#42
1,2-Dichloroethane
Concen: 19.810 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 62 Resp: 109802

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.658 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

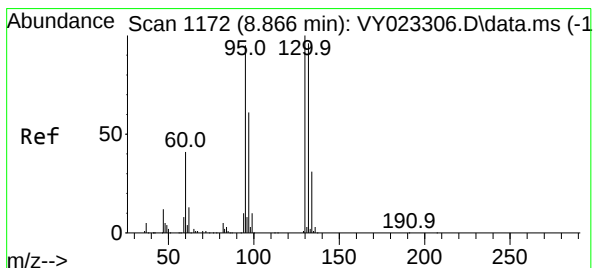
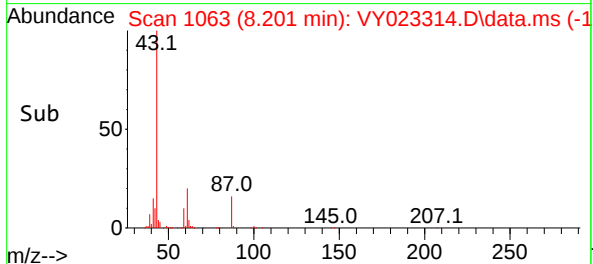
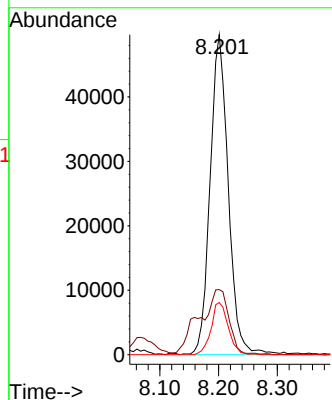
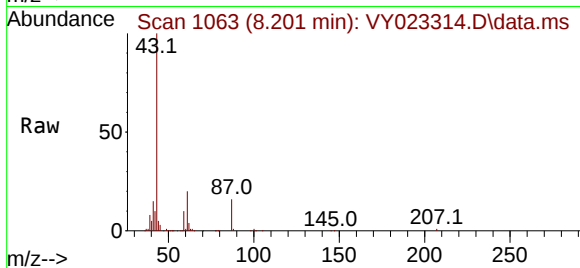
Tgt Ion: 43 Resp: 106527

Ion Ratio Lower Upper

43 100

61 21.5 16.4 24.6

87 15.4 11.8 17.6



#44

Trichloroethene

Concen: 20.519 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.012 min

Lab File: VY023314.D

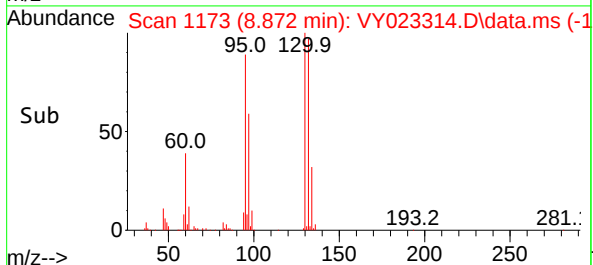
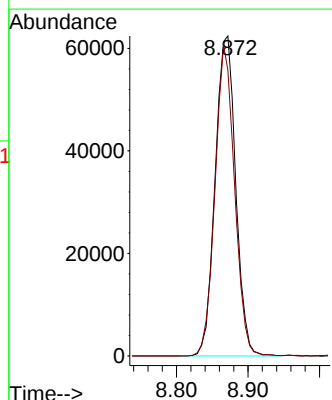
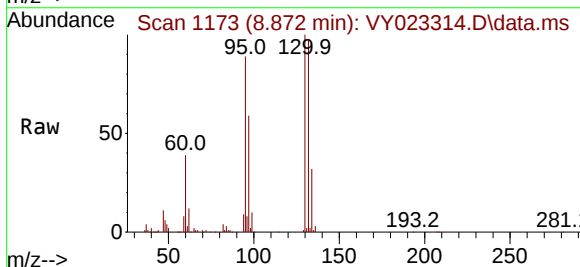
Acq: 09 Sep 2025 09:49

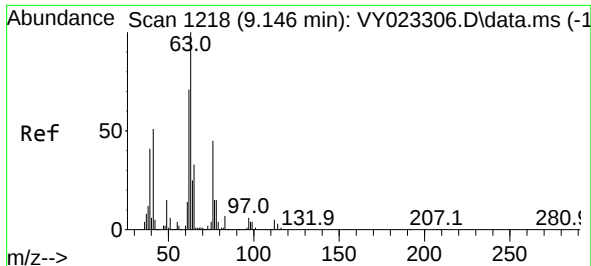
Tgt Ion:130 Resp: 124422

Ion Ratio Lower Upper

130 100

95 89.3 0.0 190.2





#45

1,2-Dichloropropane

Concen: 19.985 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

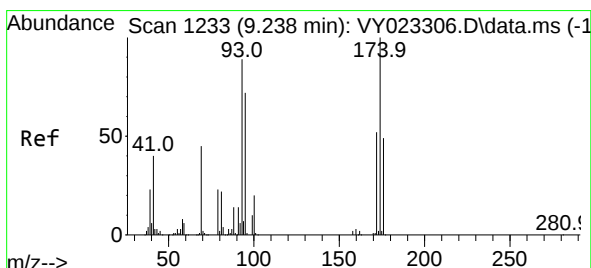
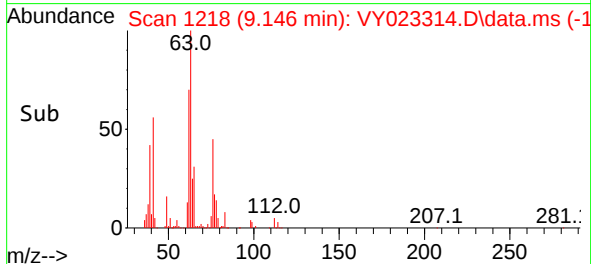
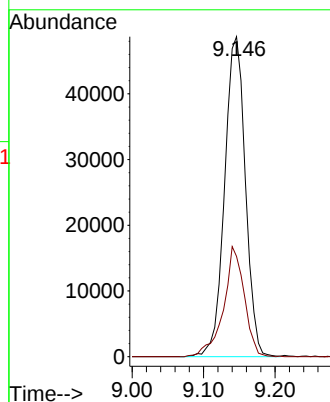
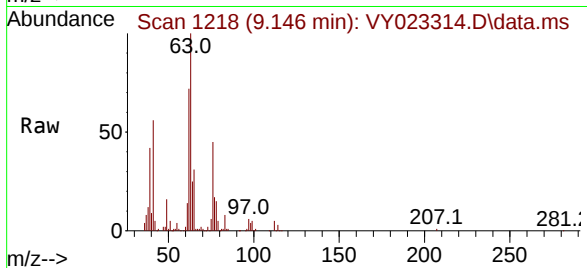
VY0909SBS01

Tgt Ion: 63 Resp: 98256

Ion Ratio Lower Upper

63 100

65 31.3 25.3 37.9



#46

Dibromomethane

Concen: 19.710 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

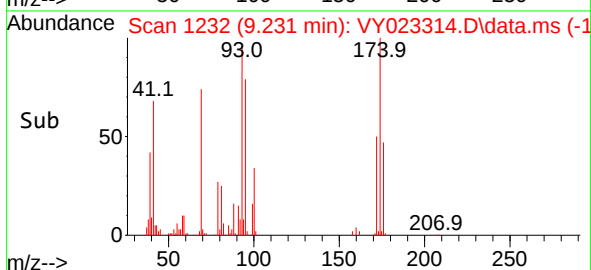
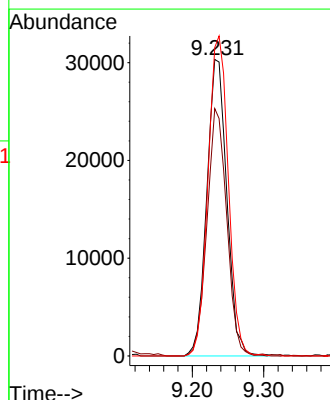
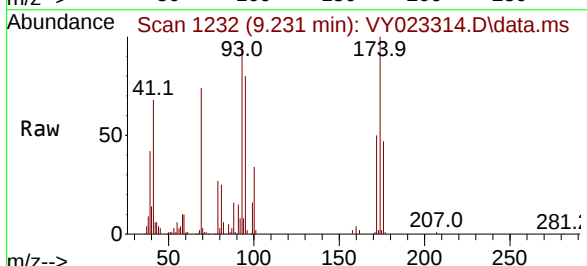
Tgt Ion: 93 Resp: 59015

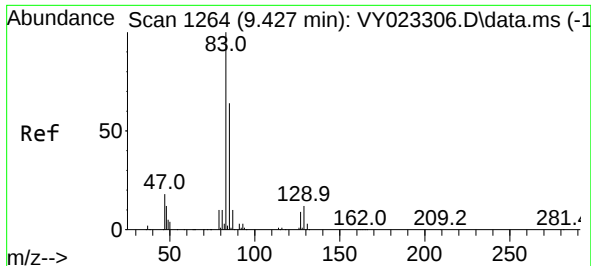
Ion Ratio Lower Upper

93 100

95 82.1 66.5 99.7

174 109.2 81.8 122.8

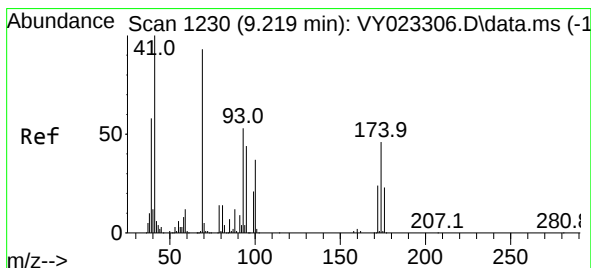
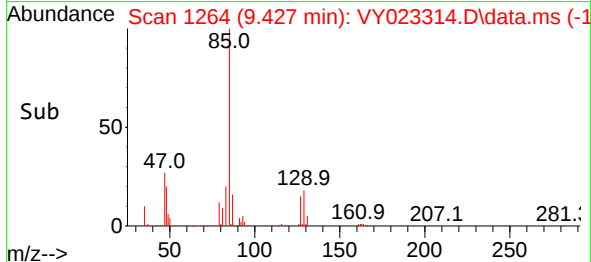
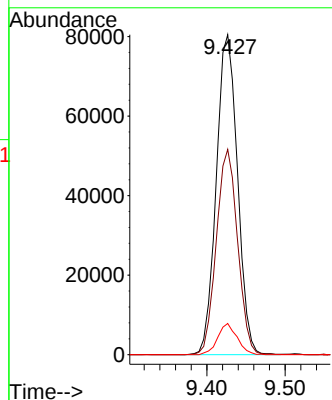
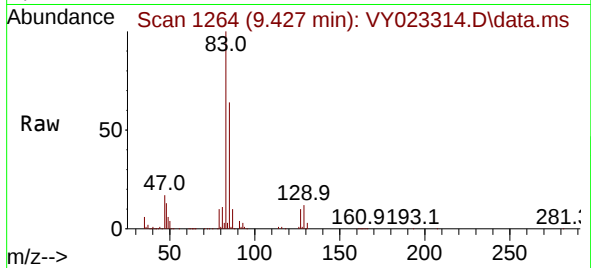




#47
Bromodichloromethane
Concen: 20.118 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

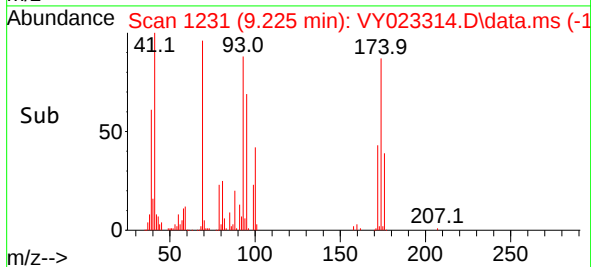
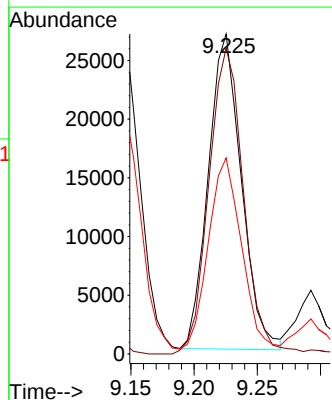
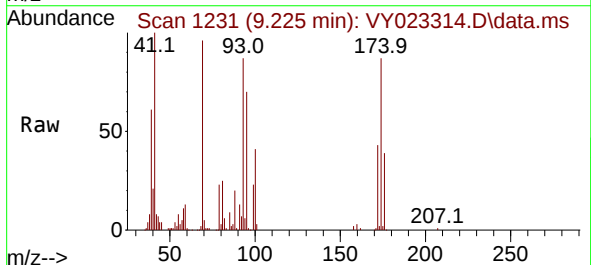
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

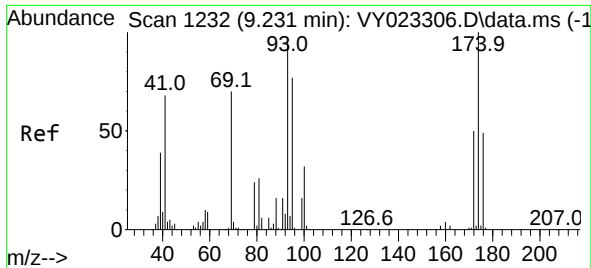
Tgt Ion: 83 Resp: 151545
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 9.8 6.6 10.0



#48
Methyl methacrylate
Concen: 19.316 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 41 Resp: 48789
Ion Ratio Lower Upper
41 100
69 101.4 73.2 109.8
39 60.6 47.0 70.4

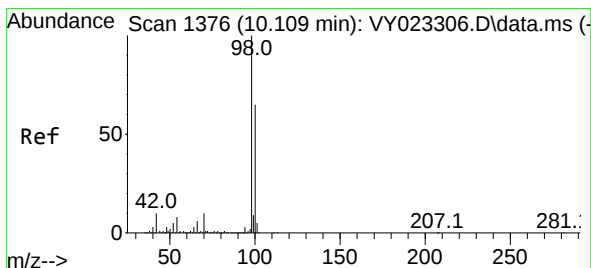
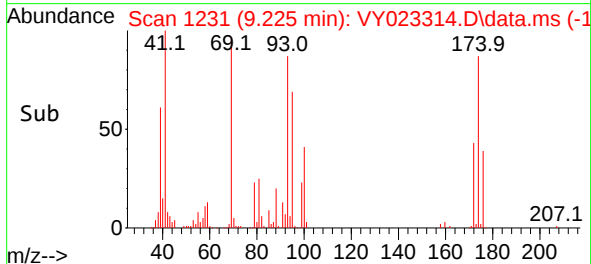
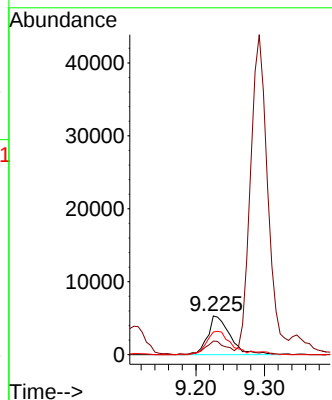
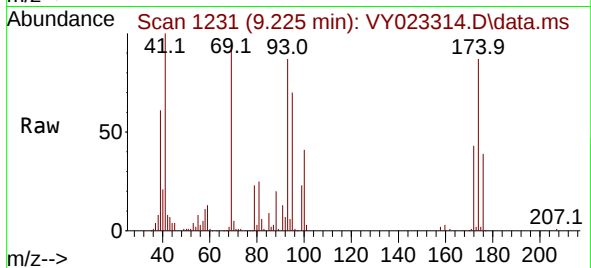




#49
1,4-Dioxane
Concen: 394.751 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

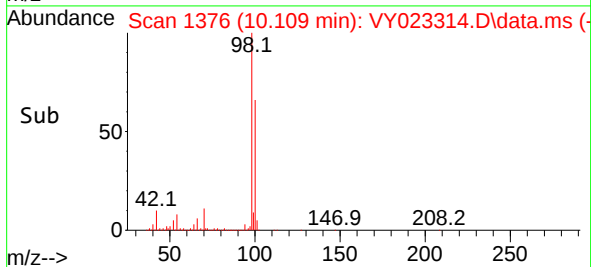
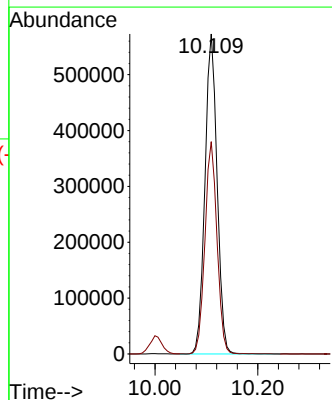
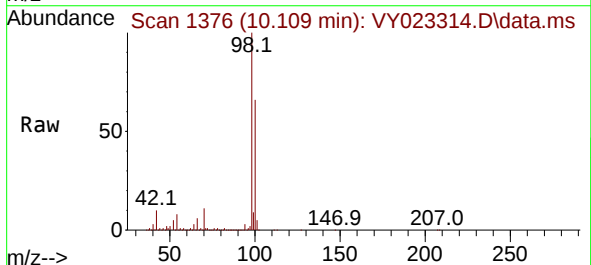
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

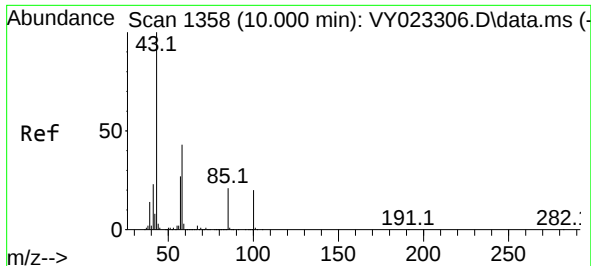
Tgt Ion: 88 Resp: 11998
Ion Ratio Lower Upper
88 100
43 34.2 24.3 36.5
58 69.8 55.4 83.0



#50
Toluene-d8
Concen: 50.494 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 98 Resp: 937603
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

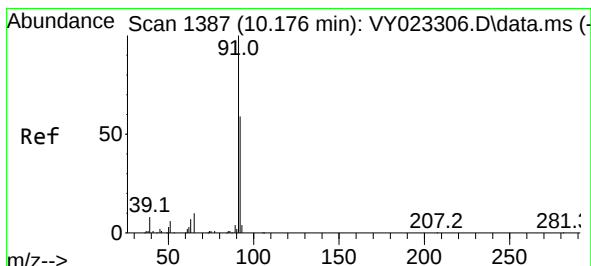
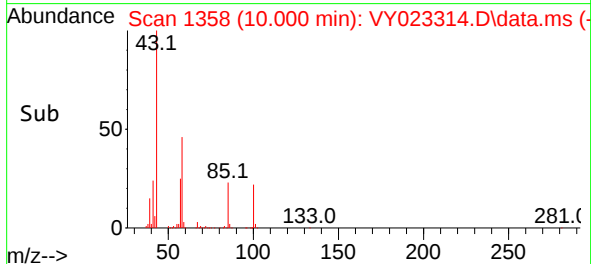
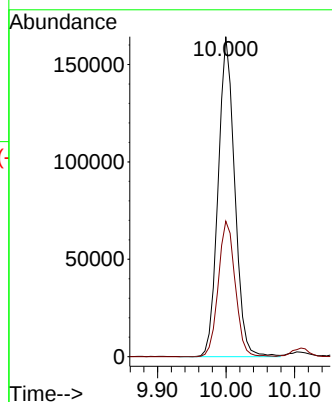
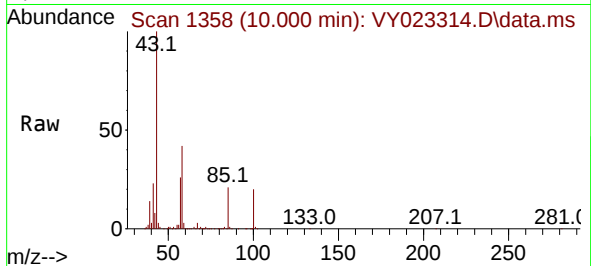




#51
4-Methyl-2-Pentanone
Concen: 99.149 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

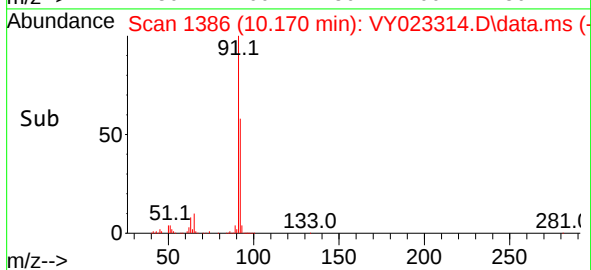
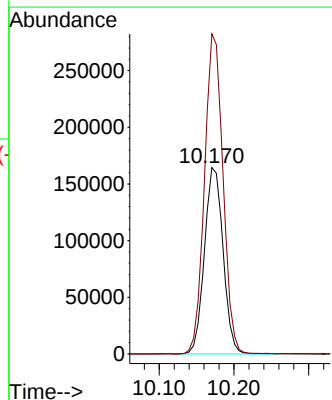
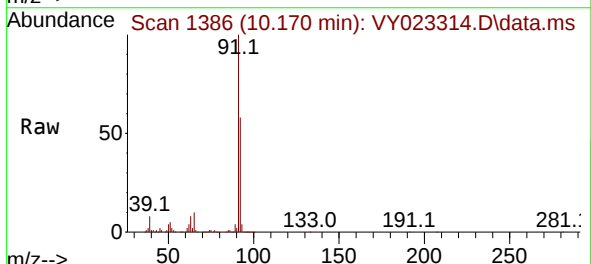
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

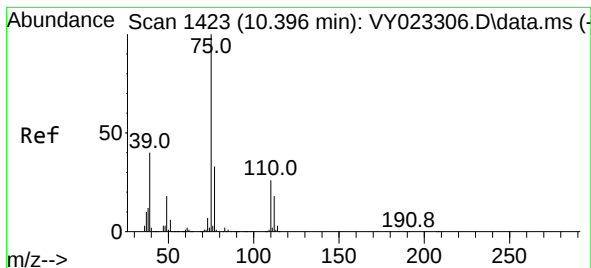
Tgt Ion: 43 Resp: 274874
Ion Ratio Lower Upper
43 100
58 43.2 33.5 50.3



#52
Toluene
Concen: 20.627 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 92 Resp: 284968
Ion Ratio Lower Upper
92 100
91 170.7 136.4 204.6

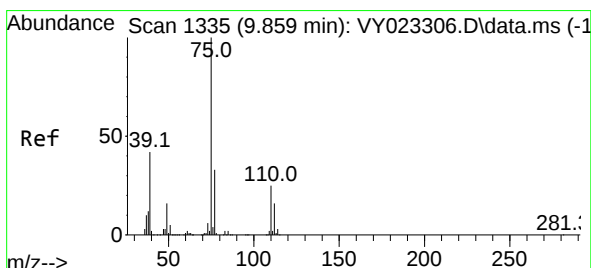
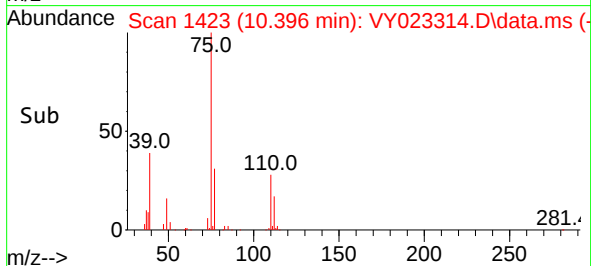
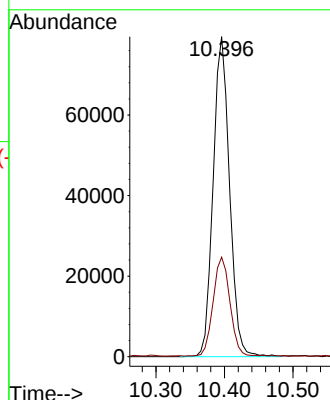
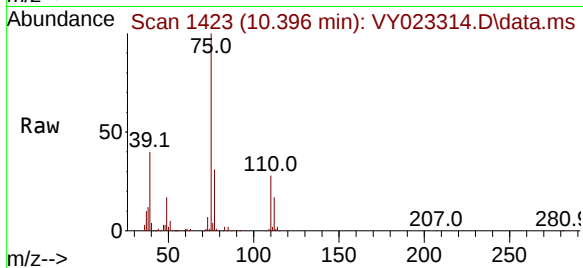




#53
 t-1,3-Dichloropropene
 Concen: 20.351 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023314.D
 Acq: 09 Sep 2025 09:49

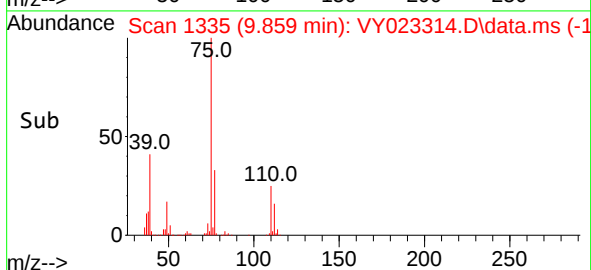
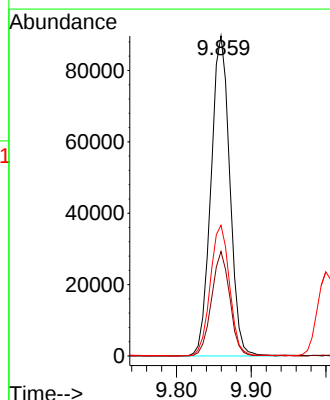
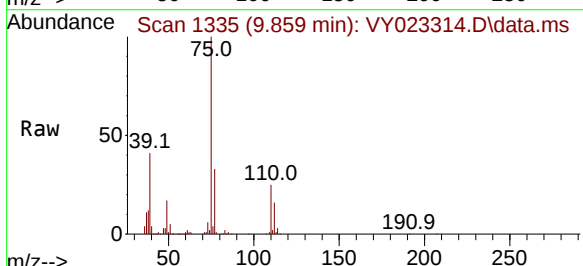
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

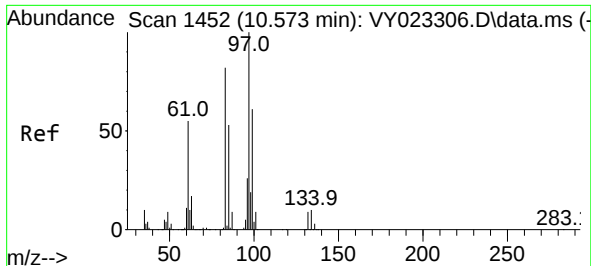
Tgt Ion: 75 Resp: 131979
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.233 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023314.D
 Acq: 09 Sep 2025 09:49

Tgt Ion: 75 Resp: 156796
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0
 39 40.8 35.6 53.4

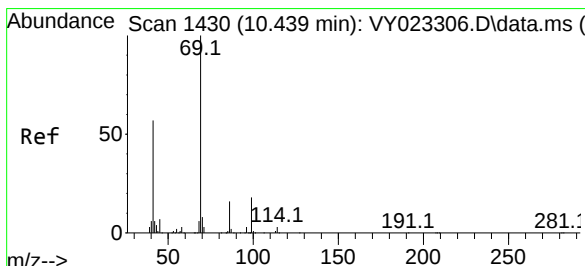
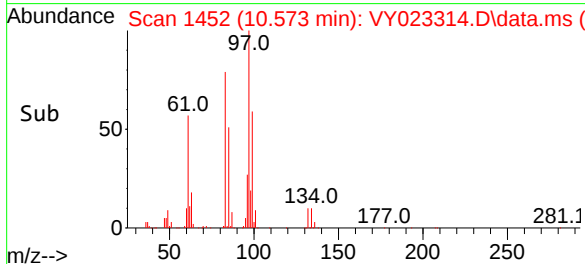
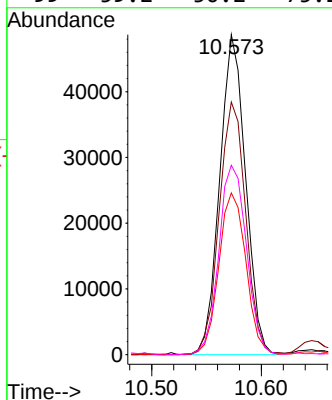
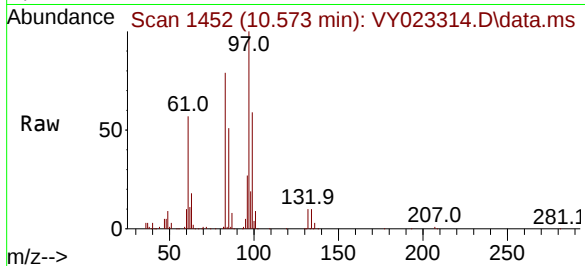




#55
1,1,2-Trichloroethane
Concen: 20.052 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

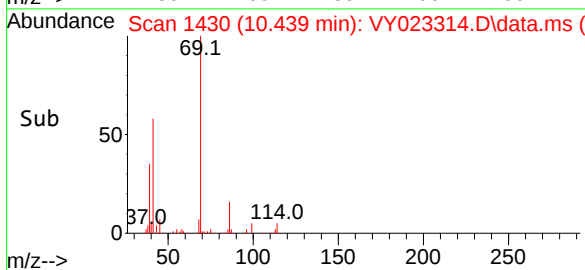
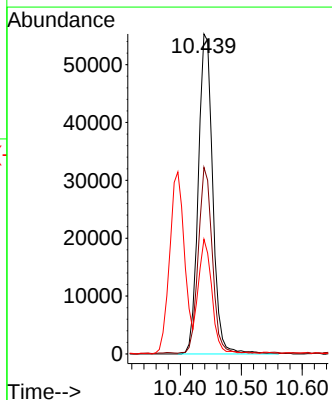
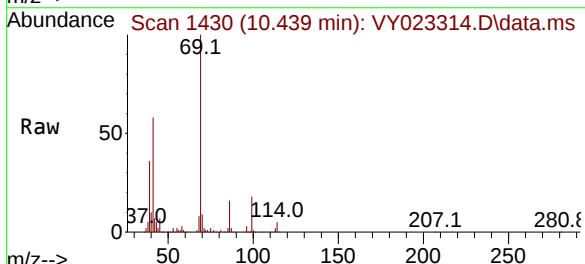
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

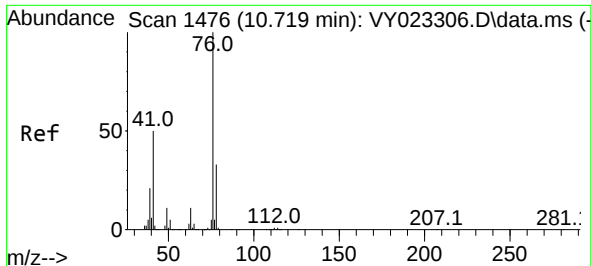
Tgt Ion:	97	Resp:	79865
Ion	Ratio	Lower	Upper
97	100		
83	78.8	67.7	101.5
85	50.6	44.5	66.7
99	59.2	50.2	75.2



#56
Ethyl methacrylate
Concen: 19.697 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion:	69	Resp:	90892
Ion	Ratio	Lower	Upper
69	100		
41	55.9	48.6	72.8
39	32.5	27.0	40.4





#57

1,3-Dichloropropane

Concen: 20.064 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

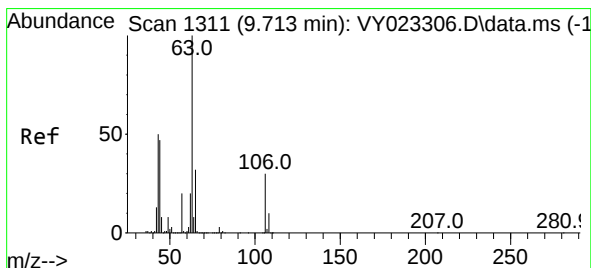
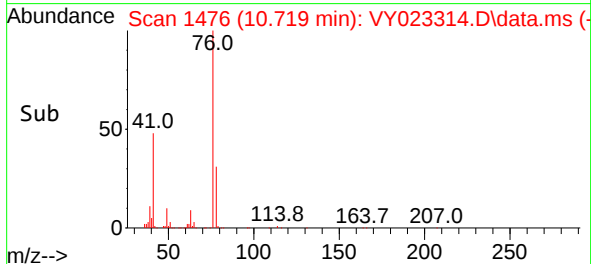
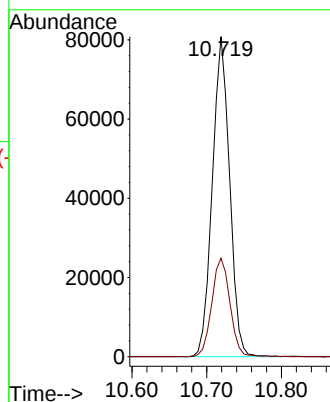
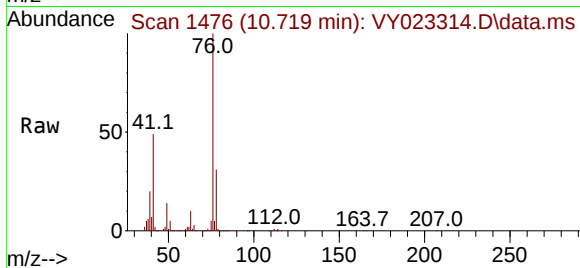
VY0909SBS01

Tgt Ion: 76 Resp: 129736

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.570 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023314.D

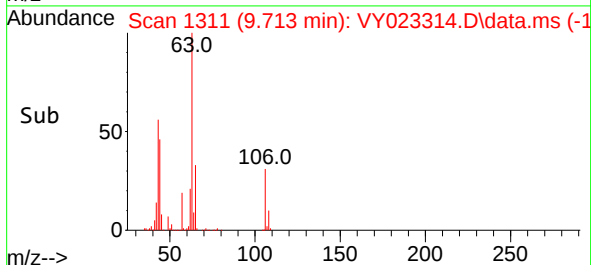
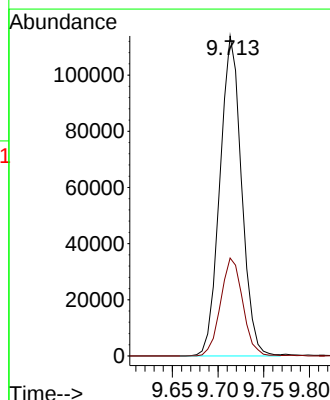
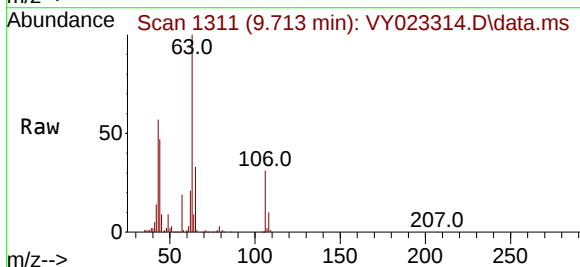
Acq: 09 Sep 2025 09:49

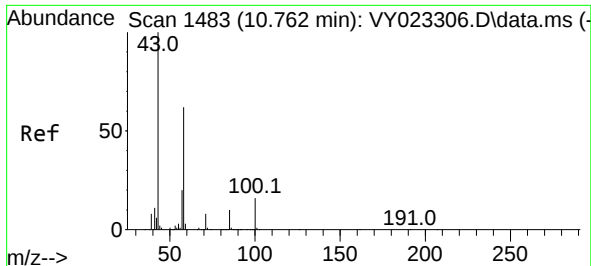
Tgt Ion: 63 Resp: 188184

Ion Ratio Lower Upper

63 100

106 31.3 23.2 34.8

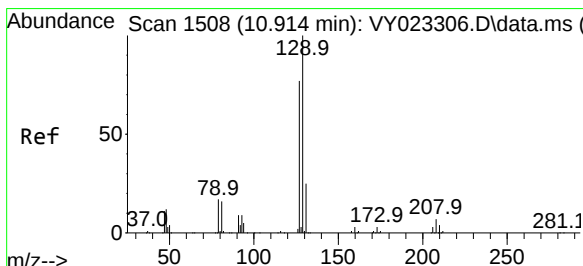
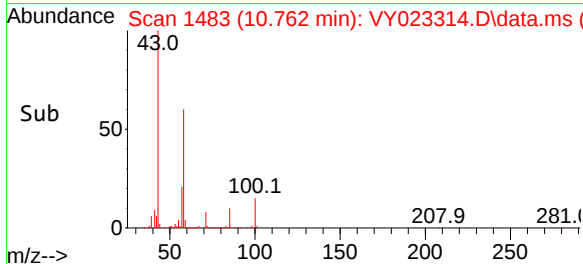
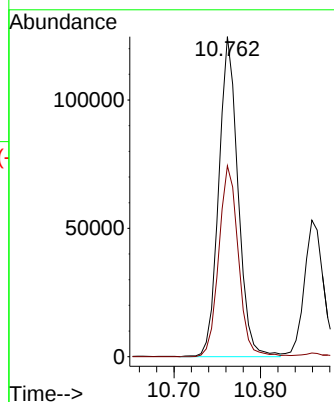
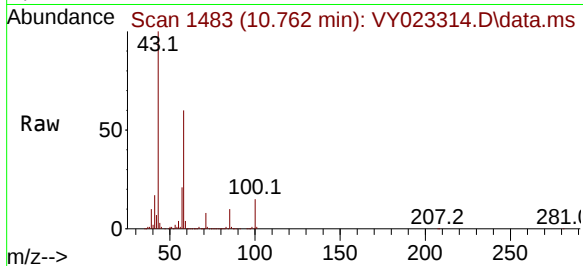




#59
2-Hexanone
Concen: 100.602 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

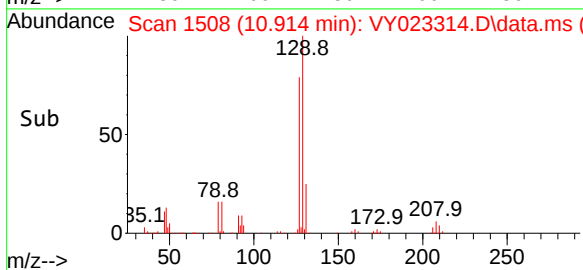
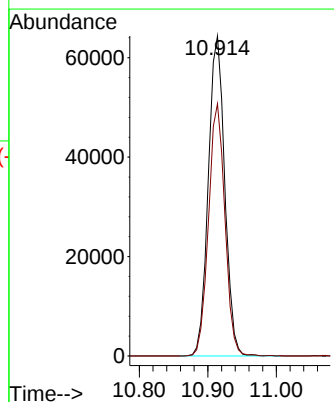
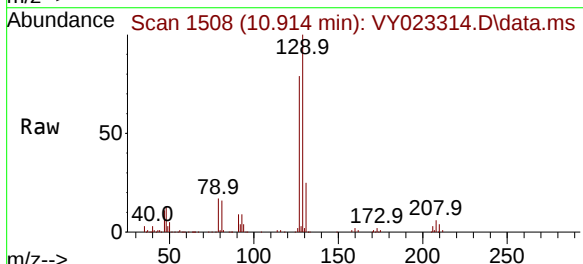
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

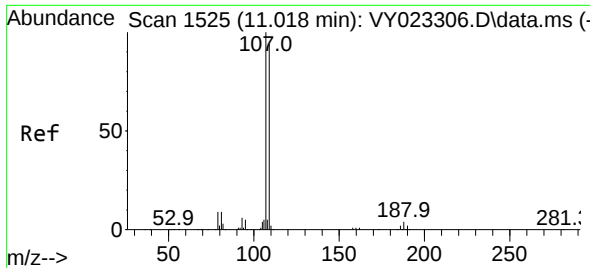
Tgt Ion: 43 Resp: 192805
Ion Ratio Lower Upper
43 100
58 60.5 29.5 88.5



#60
Dibromochloromethane
Concen: 19.861 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 129 Resp: 107331
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5

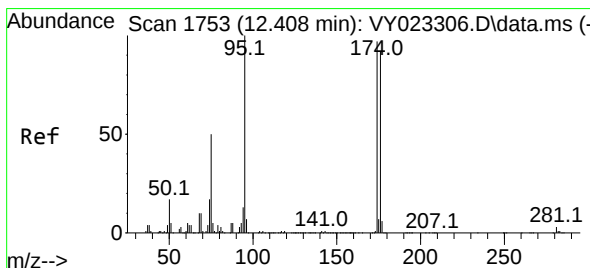
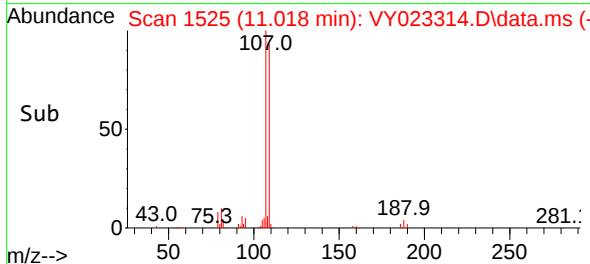
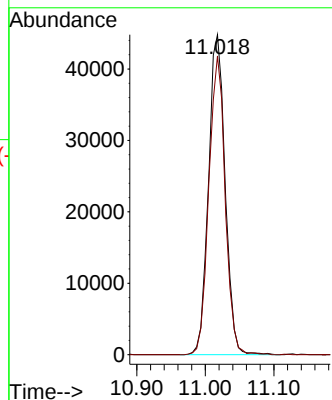
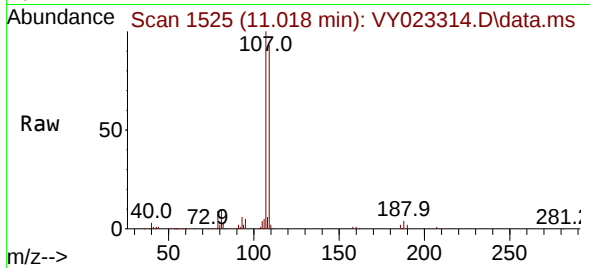




#61
1,2-Dibromoethane
Concen: 20.314 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

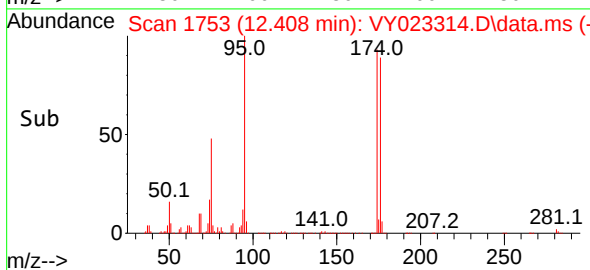
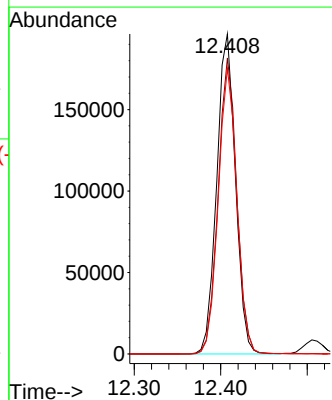
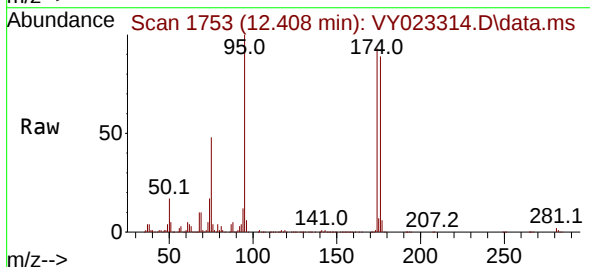
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

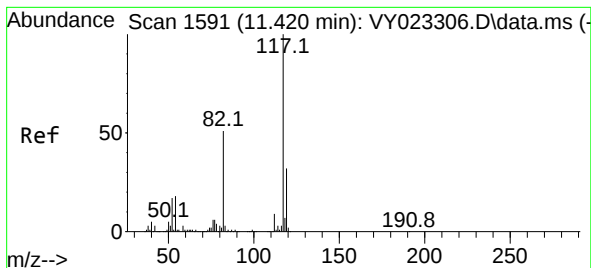
Tgt Ion:107 Resp: 75816
Ion Ratio Lower Upper
107 100
109 91.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.514 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 95 Resp: 295177
Ion Ratio Lower Upper
95 100
174 92.1 0.0 171.6
176 88.7 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: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

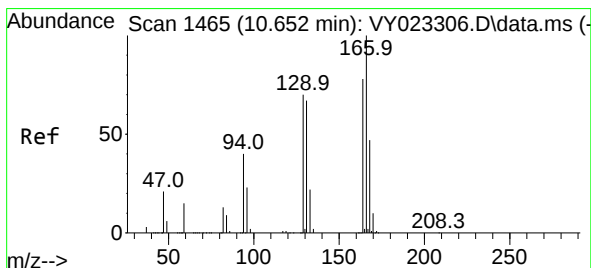
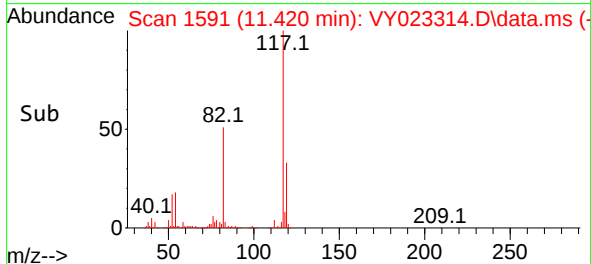
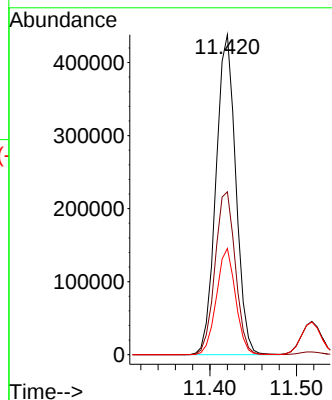
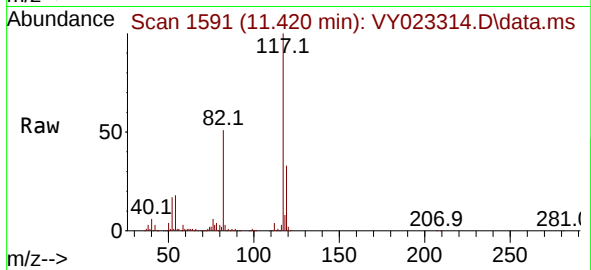
Tgt Ion:117 Resp: 696952

Ion Ratio Lower Upper

117 100

82 50.9 43.4 65.0

119 33.2 25.6 38.4



#64

Tetrachloroethene

Concen: 21.349 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Tgt Ion:164 Resp: 148298

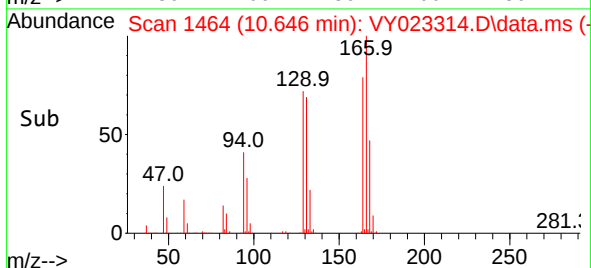
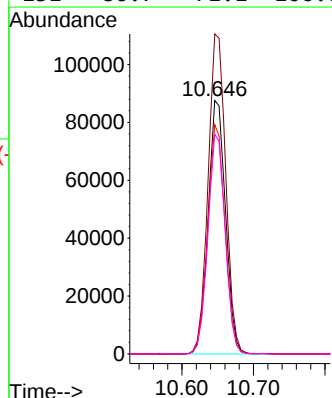
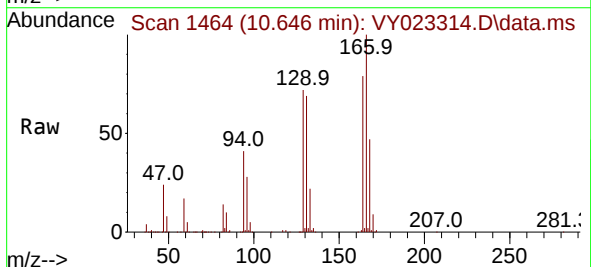
Ion Ratio Lower Upper

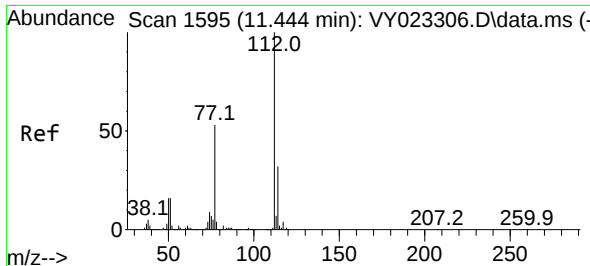
164 100

166 126.2 101.1 151.7

129 90.4 74.0 111.0

131 86.7 71.1 106.7

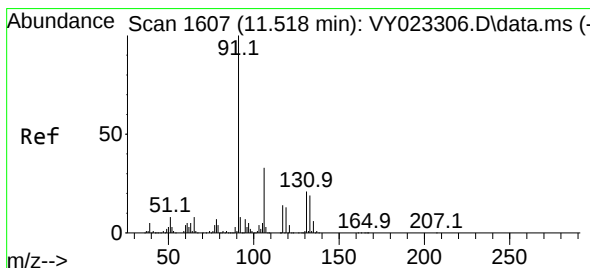
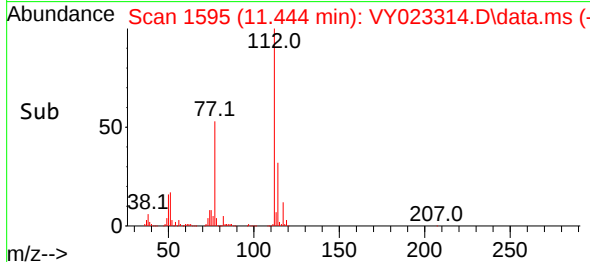
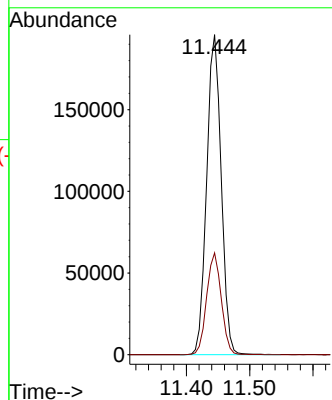
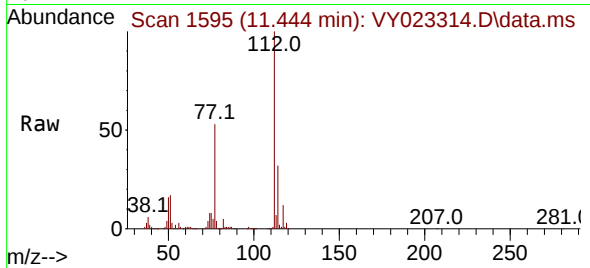




#65
Chlorobenzene
Concen: 20.526 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

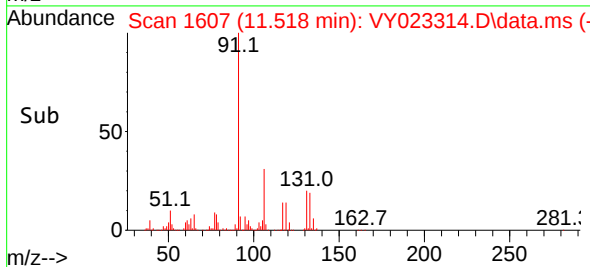
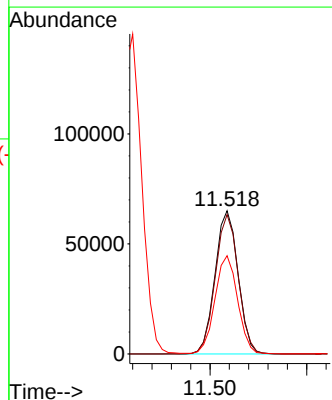
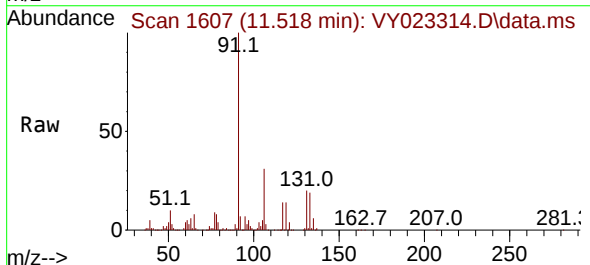
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

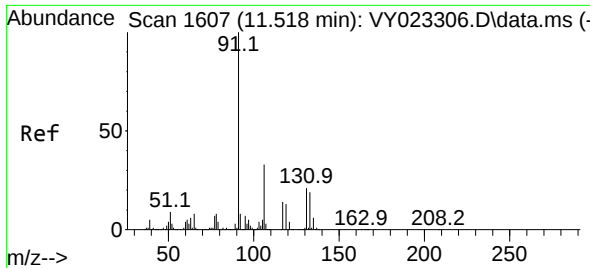
Tgt Ion:112 Resp: 313399
Ion Ratio Lower Upper
112 100
114 31.8 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.103 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion:131 Resp: 107736
Ion Ratio Lower Upper
131 100
133 96.8 46.9 140.6
119 67.8 33.2 99.6

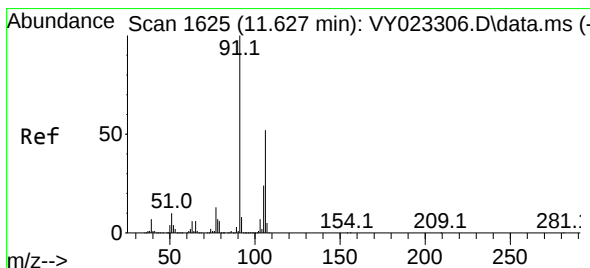
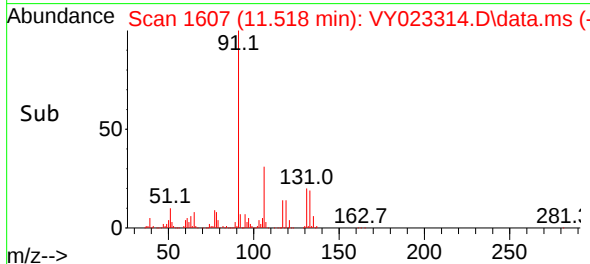
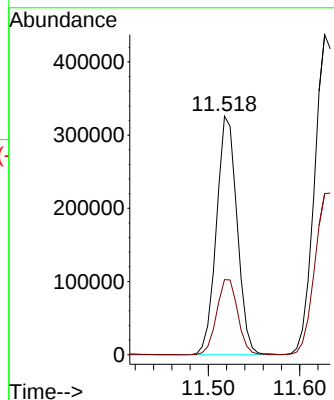
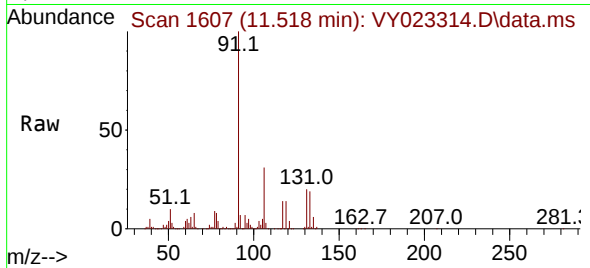




#67
Ethyl Benzene
Concen: 20.519 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

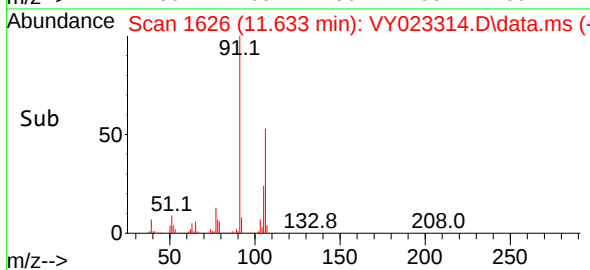
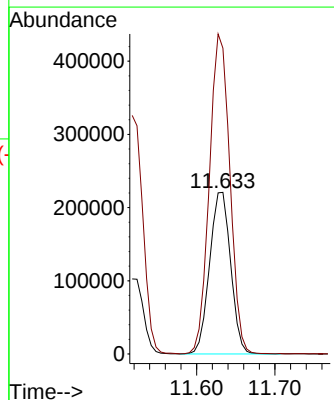
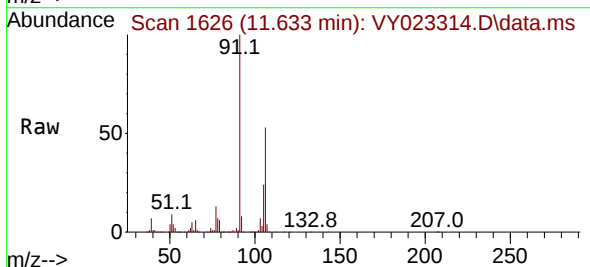
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

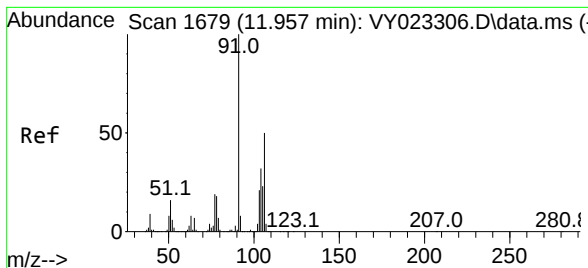
Tgt Ion: 91 Resp: 511836
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 41.182 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 106 Resp: 411334
Ion Ratio Lower Upper
106 100
91 193.2 158.6 238.0

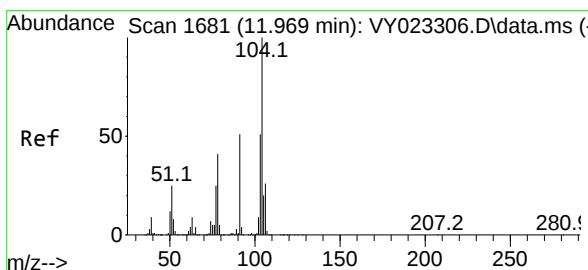
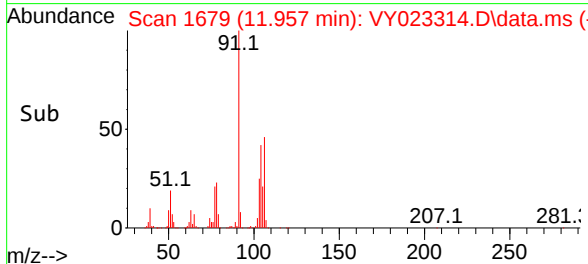
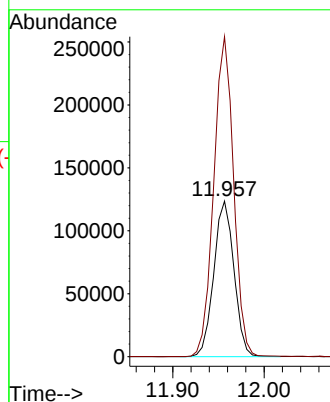
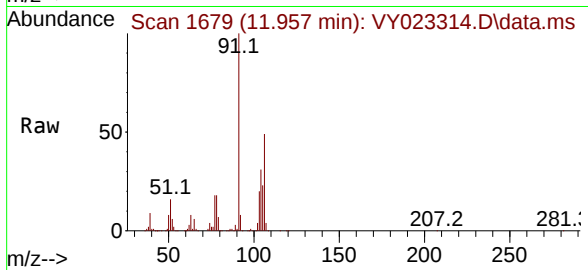




#69
o-Xylene
Concen: 20.489 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

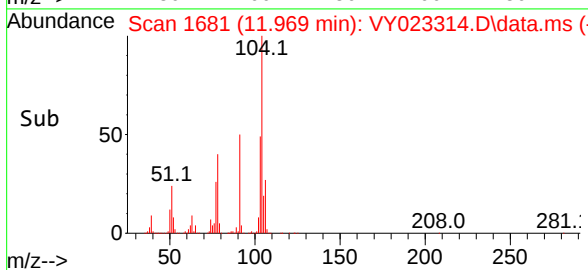
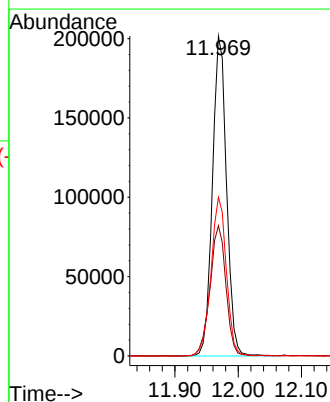
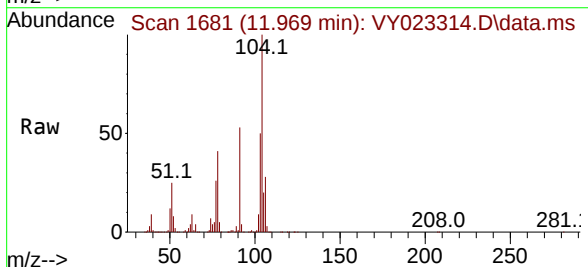
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

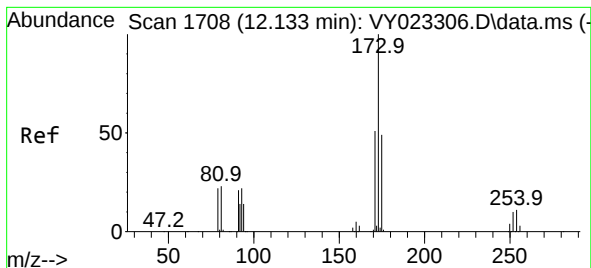
Tgt Ion:106 Resp: 189448
Ion Ratio Lower Upper
106 100
91 202.3 103.2 309.4



#70
Styrene
Concen: 20.396 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion:104 Resp: 312548
Ion Ratio Lower Upper
104 100
78 45.7 38.5 57.7
103 54.2 43.7 65.5





#71

Bromoform

Concen: 20.115 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

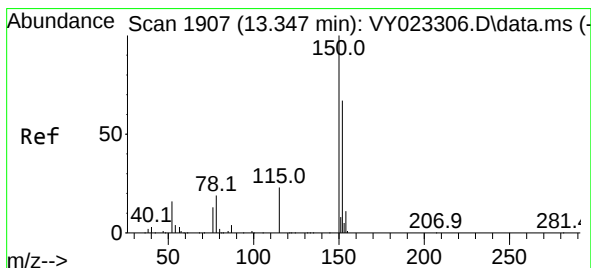
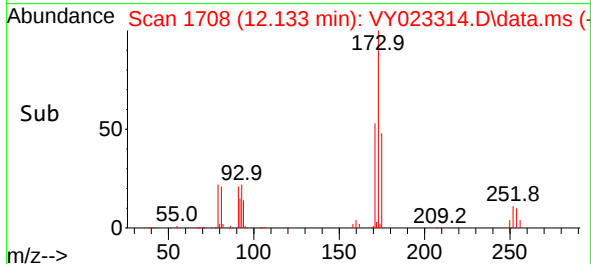
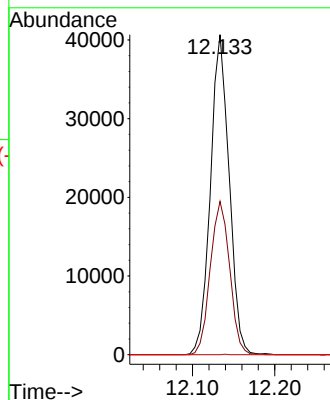
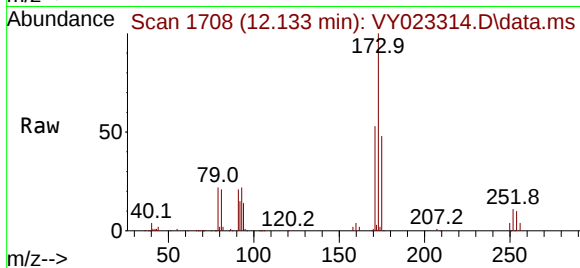
Tgt Ion:173 Resp: 64196

Ion Ratio Lower Upper

173 100

175 49.6 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

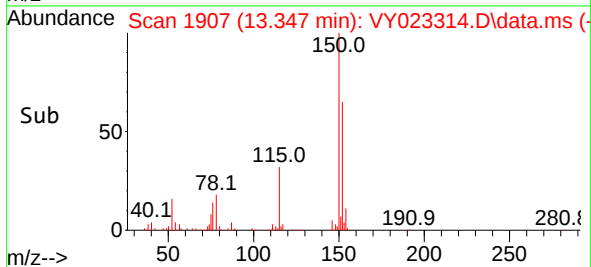
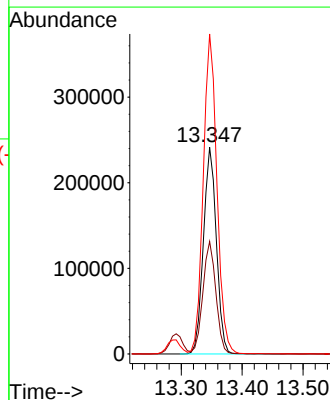
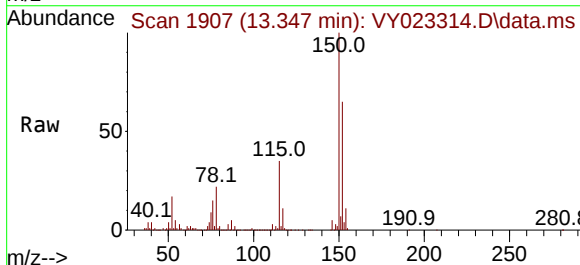
Tgt Ion:152 Resp: 357890

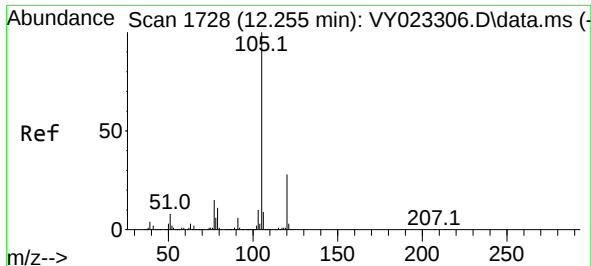
Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.6

150 162.7 0.0 348.0

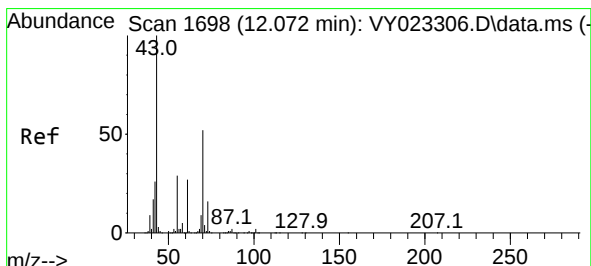
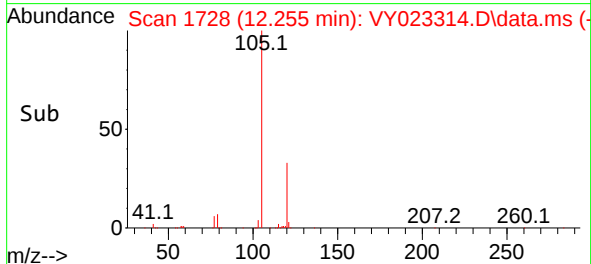
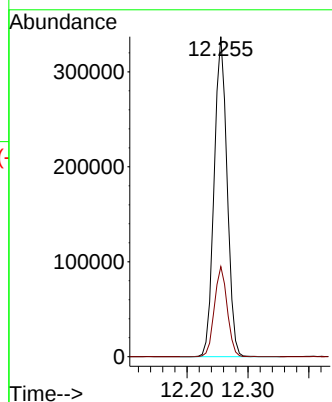
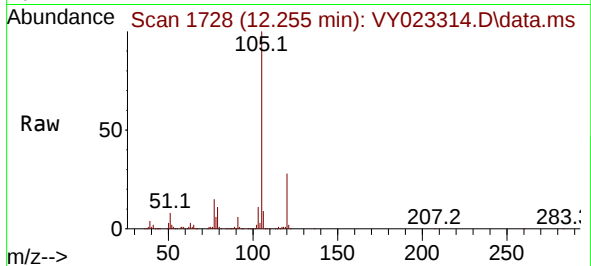




#73
Isopropylbenzene
Concen: 20.622 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

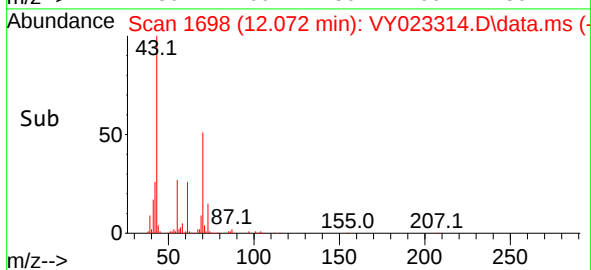
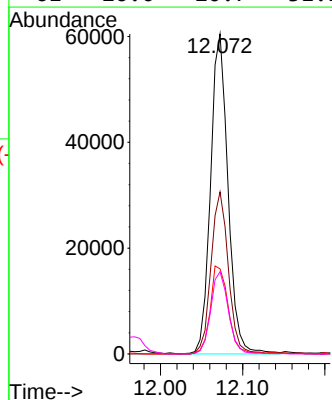
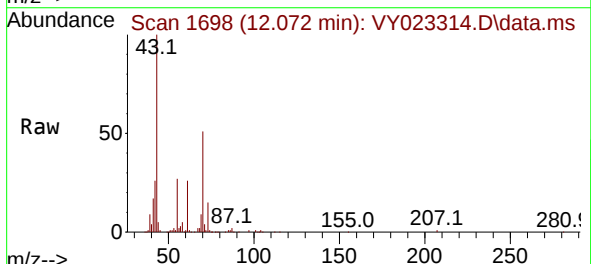
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

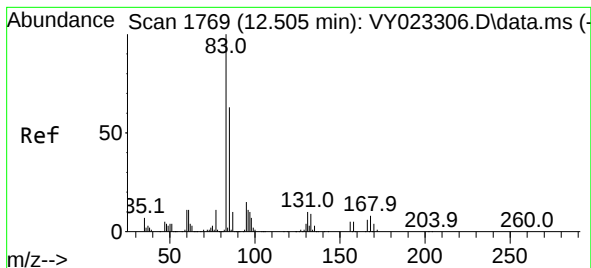
Tgt Ion:105 Resp: 497145
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2



#74
N-ethyl acetate
Concen: 19.624 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 43 Resp: 89423
Ion Ratio Lower Upper
43 100
70 50.1 37.5 56.3
55 28.2 20.7 31.1
61 26.0 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.340 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

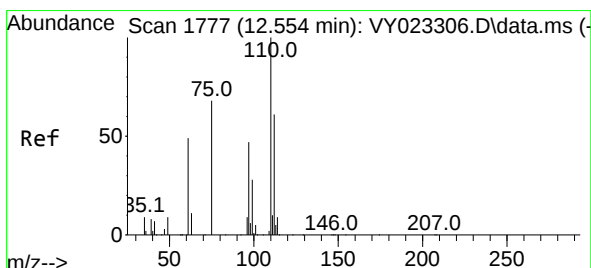
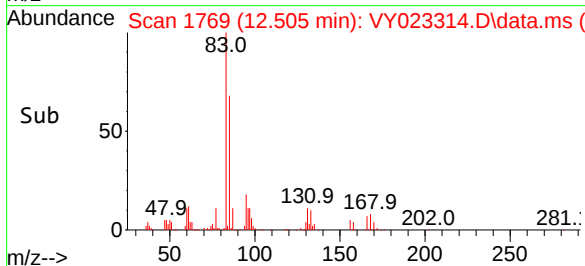
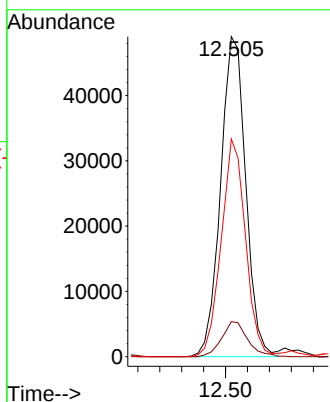
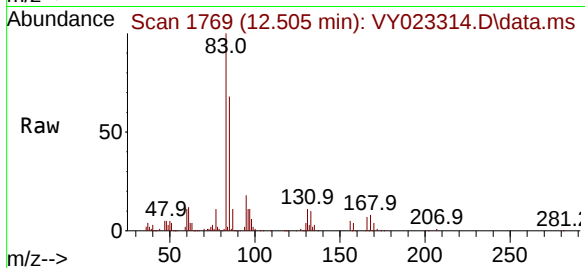
Tgt Ion: 83 Resp: 78248

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.3

85 65.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 29.555 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023314.D

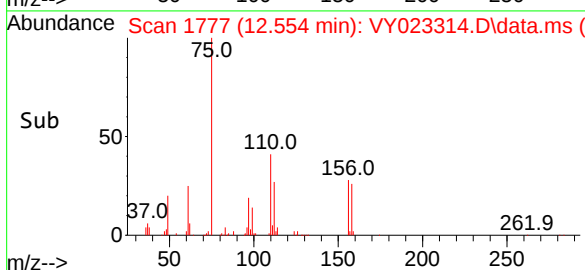
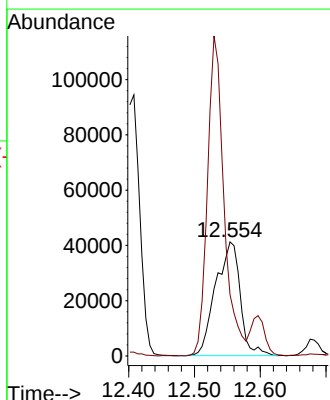
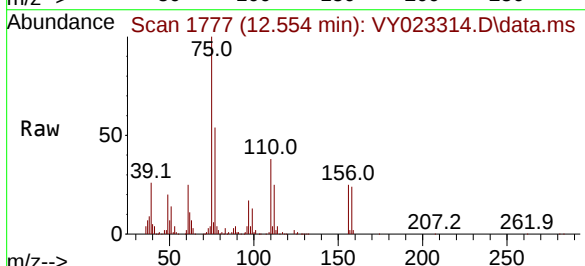
Acq: 09 Sep 2025 09:49

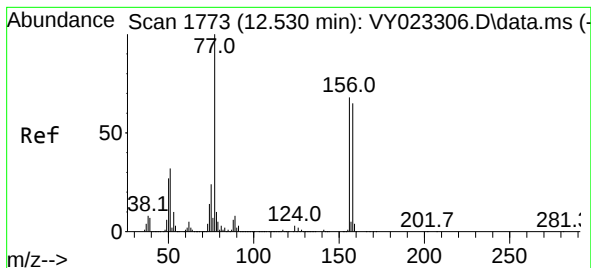
Tgt Ion: 75 Resp: 107116

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.286 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

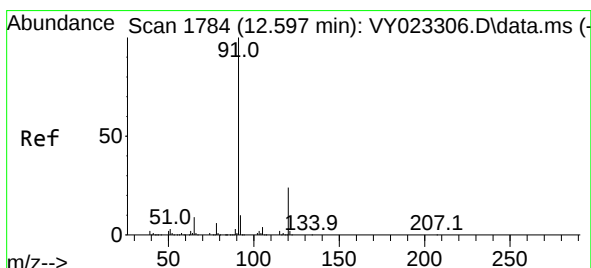
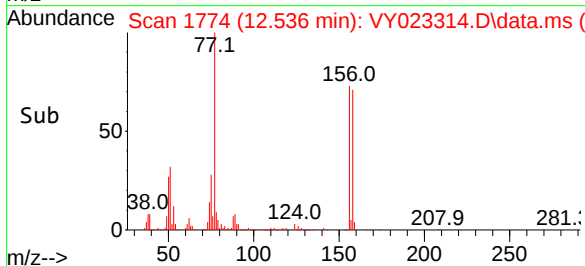
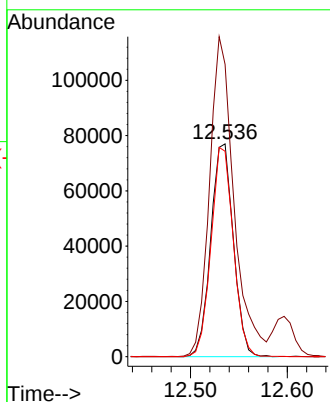
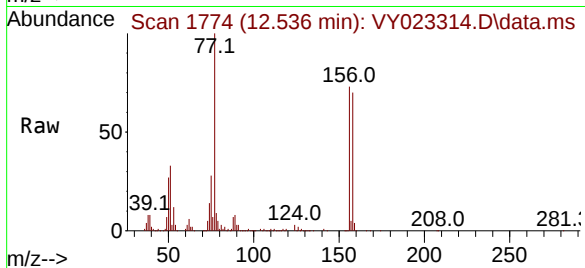
Tgt Ion:156 Resp: 124940

Ion Ratio Lower Upper

156 100

77 162.8 88.1 264.4

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 20.774 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023314.D

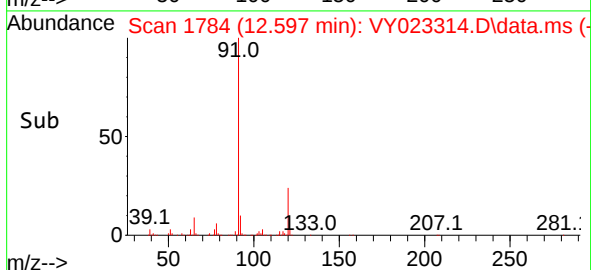
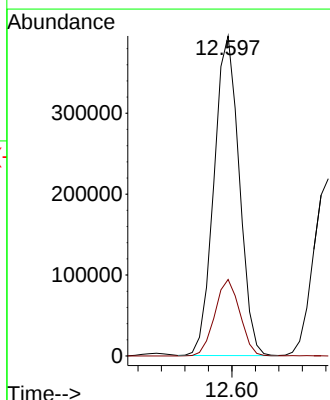
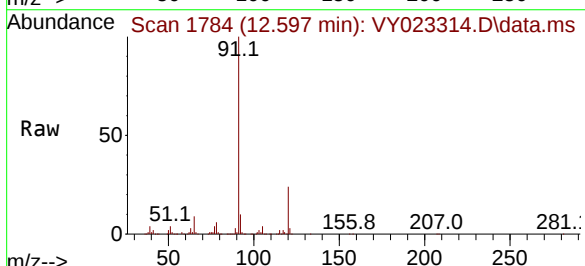
Acq: 09 Sep 2025 09:49

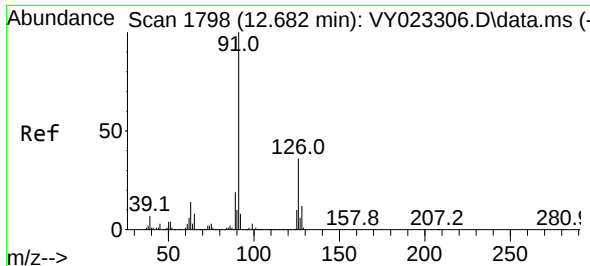
Tgt Ion: 91 Resp: 590264

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.5

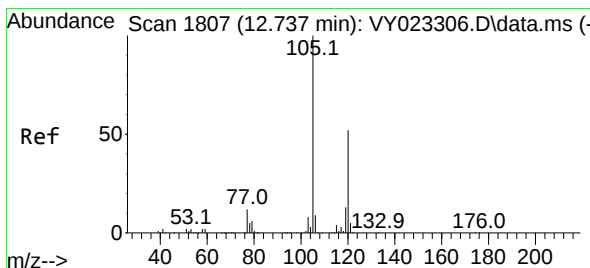
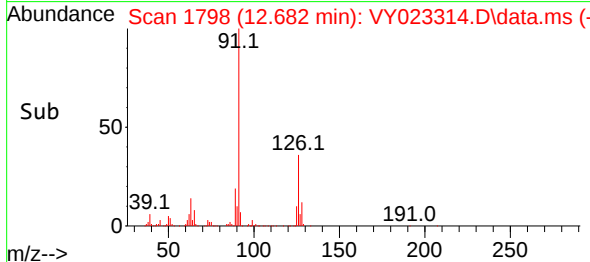
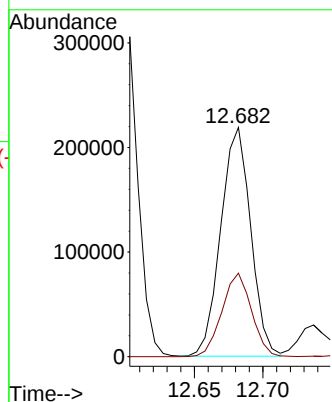
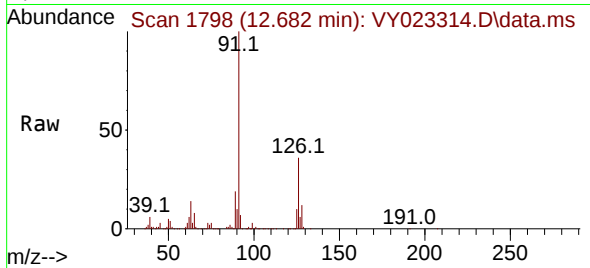




#79
2-Chlorotoluene
Concen: 20.347 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

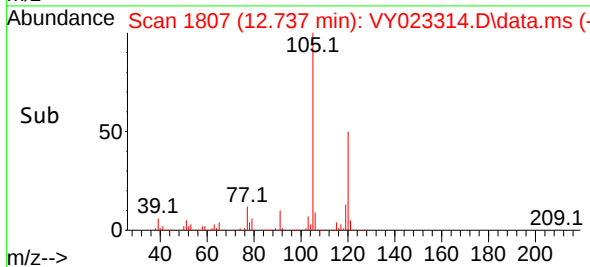
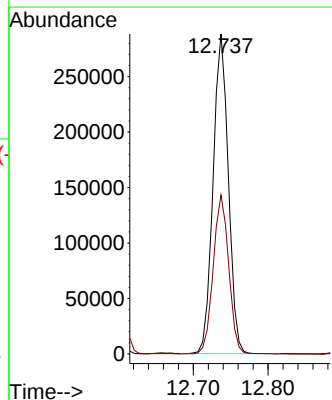
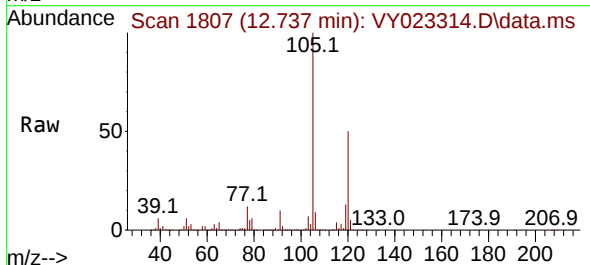
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

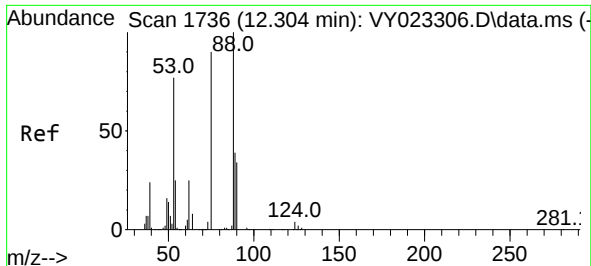
Tgt Ion: 91 Resp: 332984
Ion Ratio Lower Upper
91 100
126 36.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.800 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 105 Resp: 407827
Ion Ratio Lower Upper
105 100
120 50.5 24.8 74.4

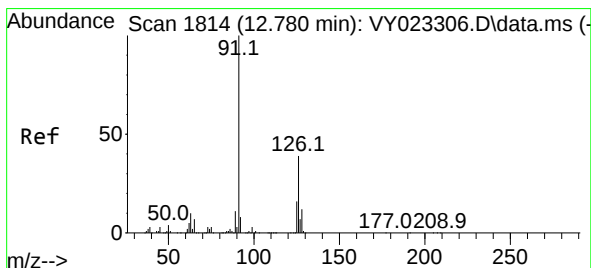
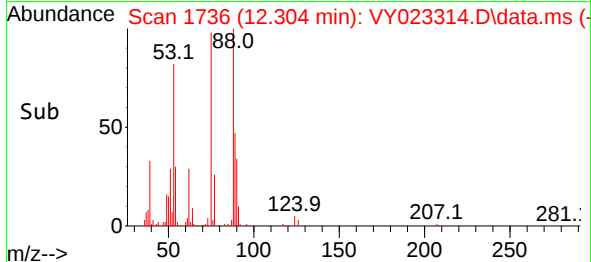
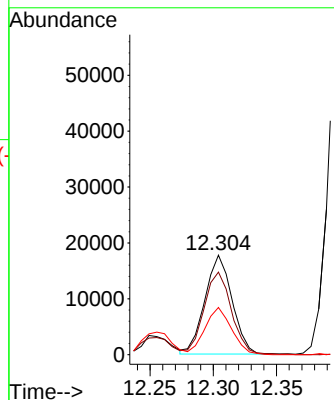
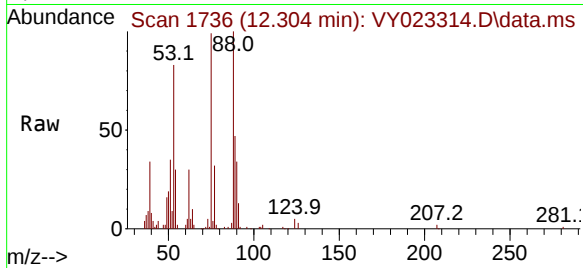




#81
trans-1,4-Dichloro-2-butene
Concen: 19.861 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

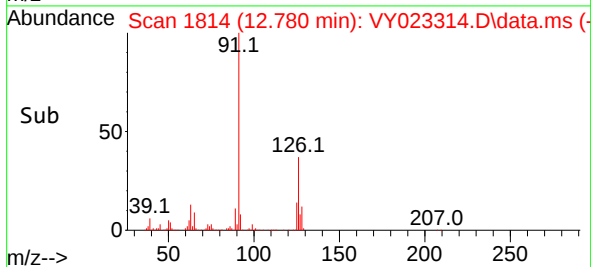
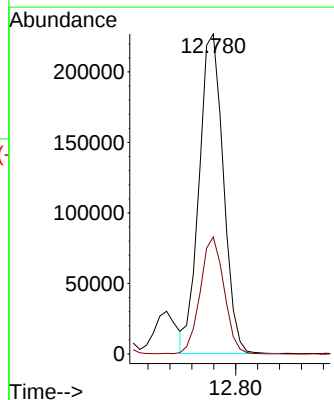
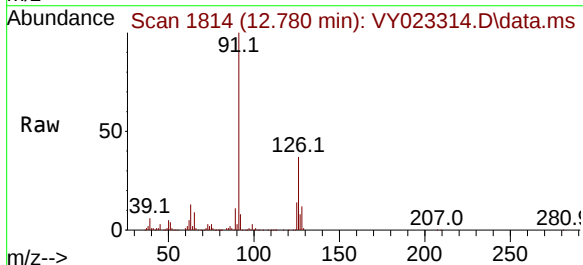
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBS01

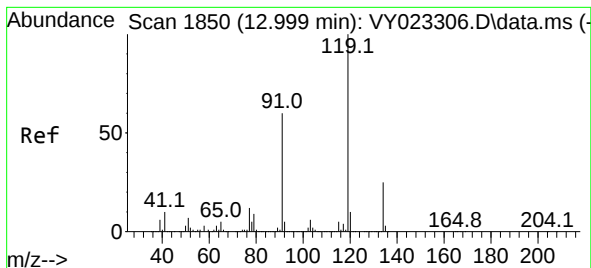
Tgt Ion: 75 Resp: 26395
Ion Ratio Lower Upper
75 100
53 85.5 70.8 106.2
89 46.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.309 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023314.D
Acq: 09 Sep 2025 09:49

Tgt Ion: 91 Resp: 347778
Ion Ratio Lower Upper
91 100
126 36.0 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.671 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

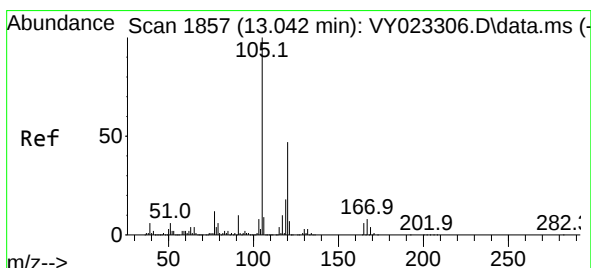
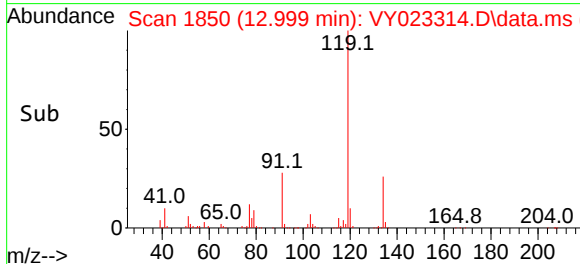
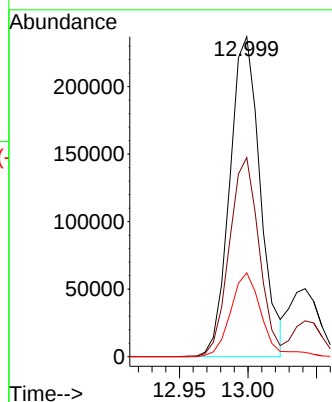
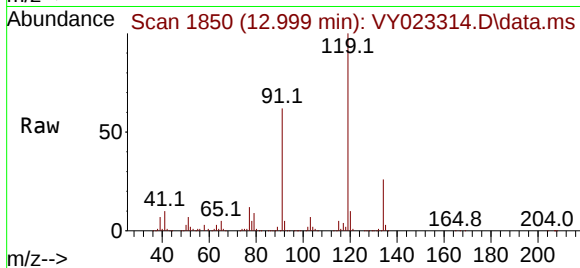
Tgt Ion:119 Resp: 367070

Ion Ratio Lower Upper

119 100

91 60.7 31.6 94.8

134 26.7 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.847 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023314.D

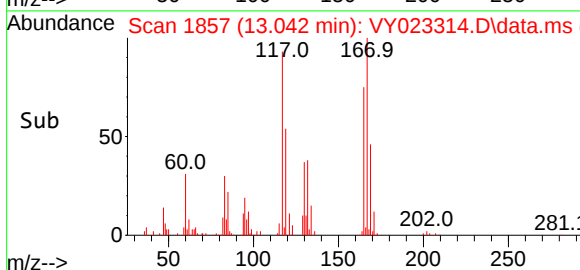
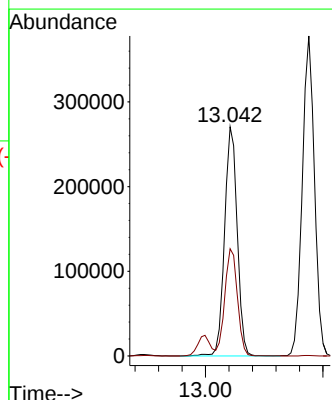
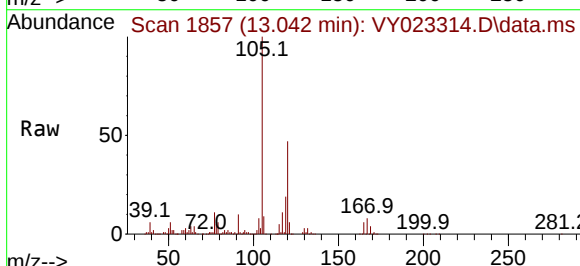
Acq: 09 Sep 2025 09:49

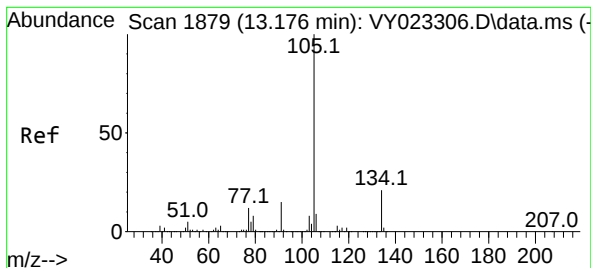
Tgt Ion:105 Resp: 404367

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.011 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

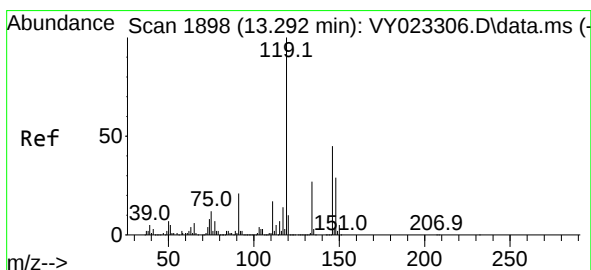
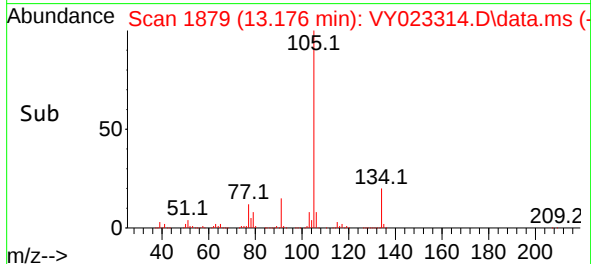
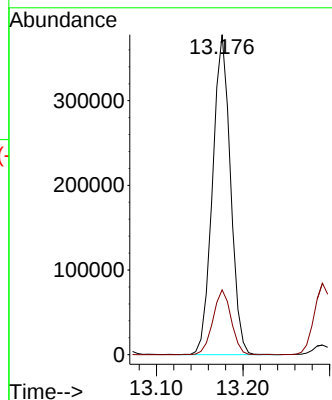
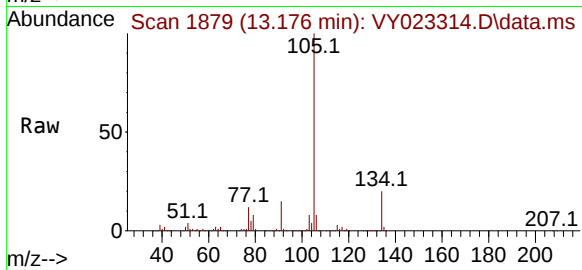
VY0909SBS01

Tgt Ion:105 Resp: 542873

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.696 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

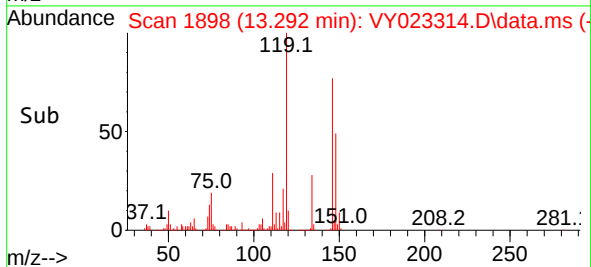
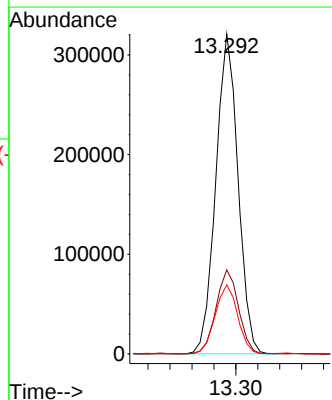
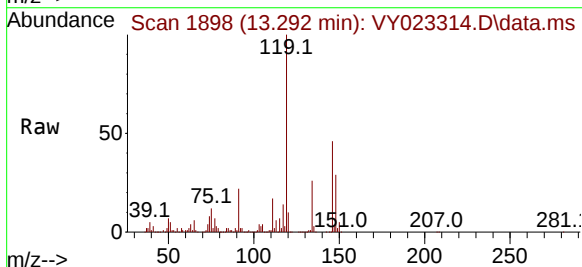
Tgt Ion:119 Resp: 451703

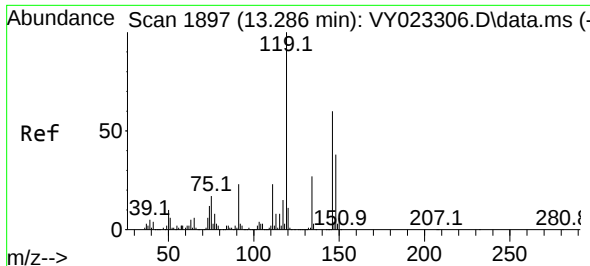
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.6

91 21.8 11.3 33.8

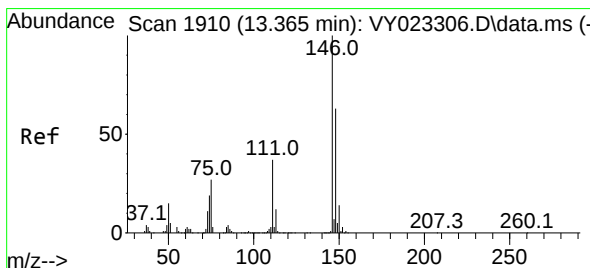
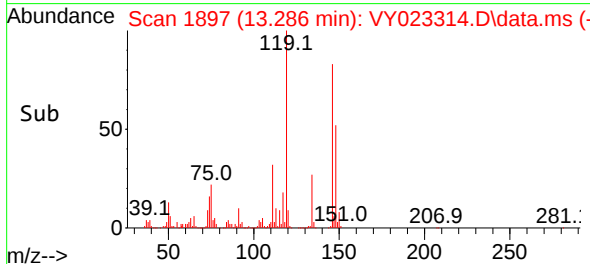
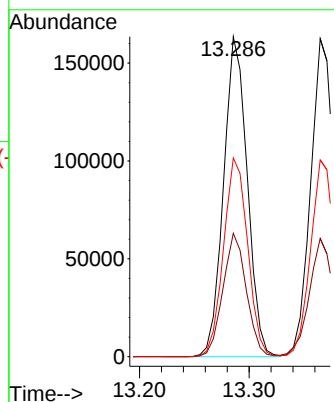
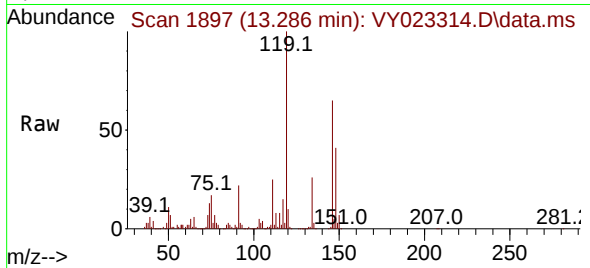




#87
 1,3-Dichlorobenzene
 Concen: 20.138 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY023314.D
 Acq: 09 Sep 2025 09:49

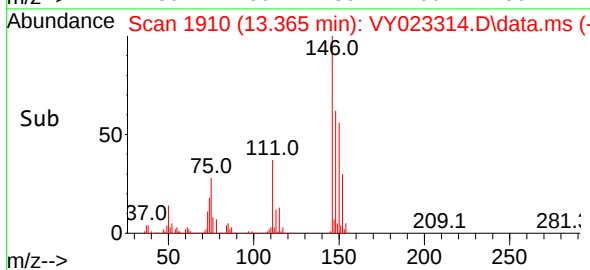
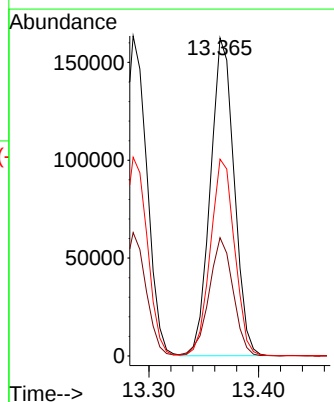
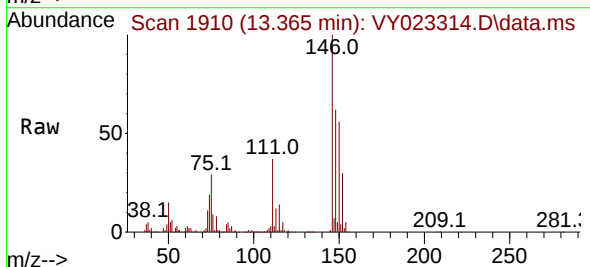
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

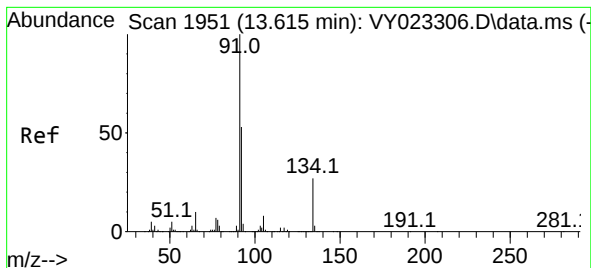
Tgt Ion:146 Resp: 245430
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.6 58.7
 148 63.3 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 20.267 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023314.D
 Acq: 09 Sep 2025 09:49

Tgt Ion:146 Resp: 244655
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.1
 148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 20.481 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

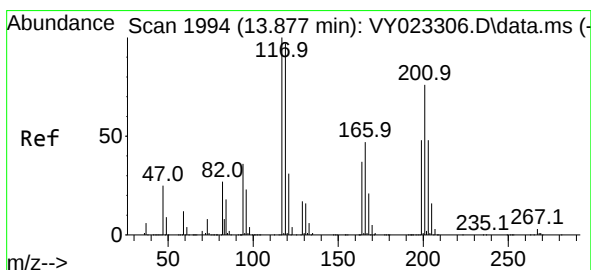
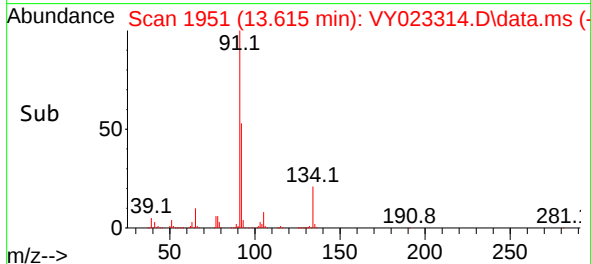
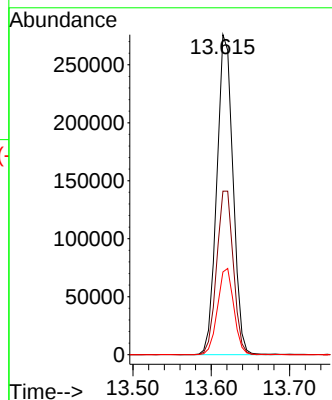
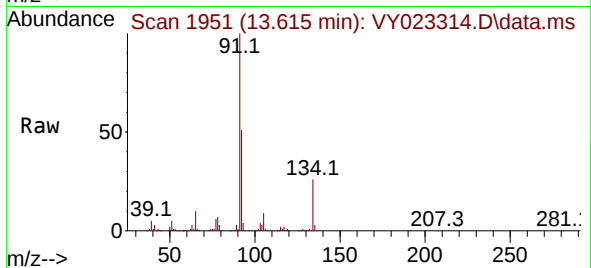
Tgt Ion: 91 Resp: 396423

Ion Ratio Lower Upper

91 100

92 52.7 26.9 80.7

134 27.2 13.2 39.5



#90

Hexachloroethane

Concen: 19.918 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023314.D

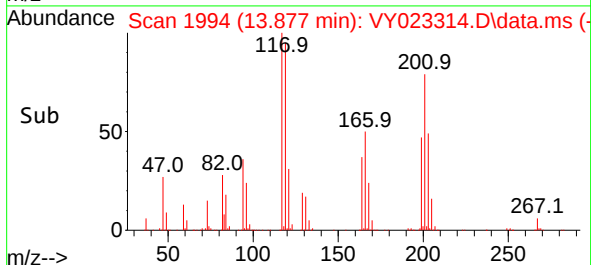
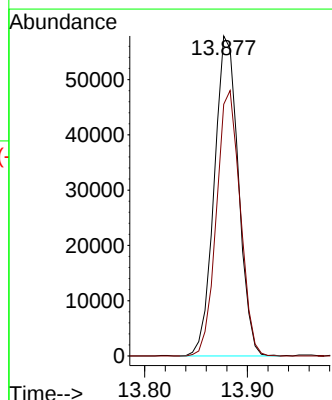
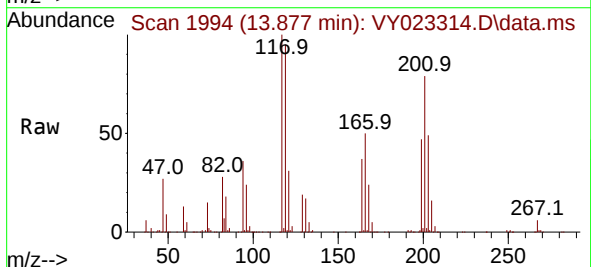
Acq: 09 Sep 2025 09:49

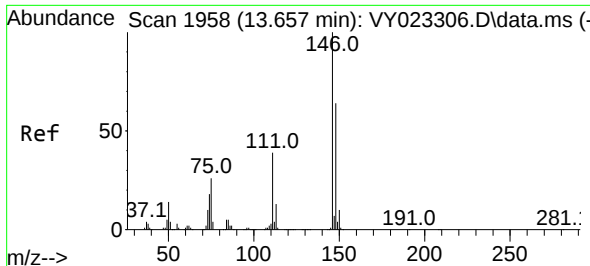
Tgt Ion: 117 Resp: 94246

Ion Ratio Lower Upper

117 100

201 81.4 38.4 115.1

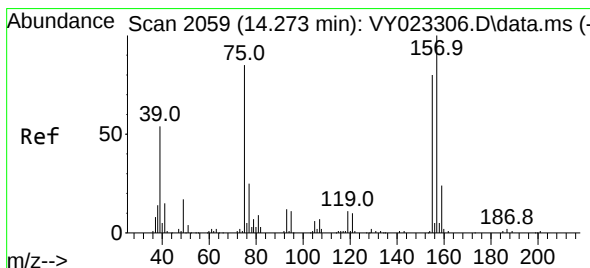
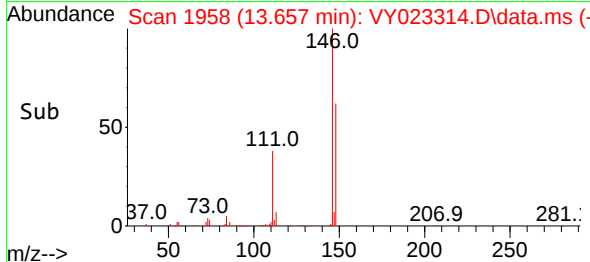
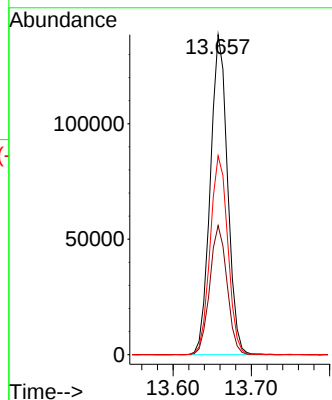
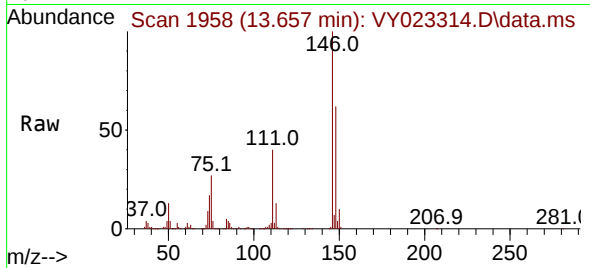




#91
 1,2-Dichlorobenzene
 Concen: 19.898 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023314.D
 Acq: 09 Sep 2025 09:49

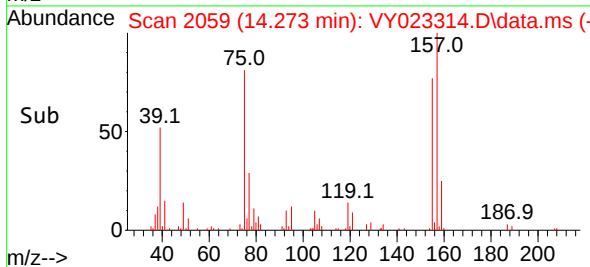
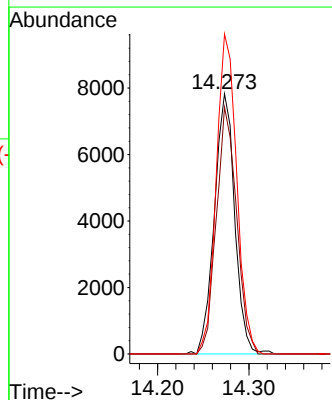
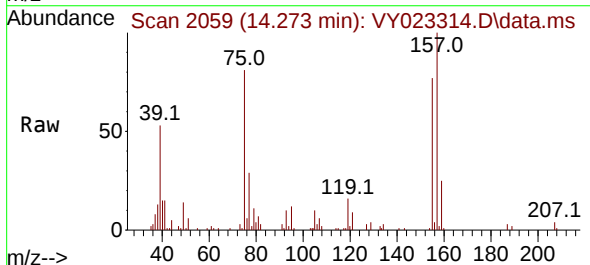
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

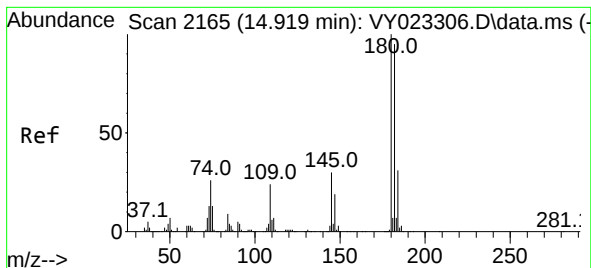
Tgt Ion:146 Resp: 211437
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 63.7 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.068 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023314.D
 Acq: 09 Sep 2025 09:49

Tgt Ion: 75 Resp: 12105
 Ion Ratio Lower Upper
 75 100
 155 94.5 43.9 131.6
 157 123.5 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.189 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

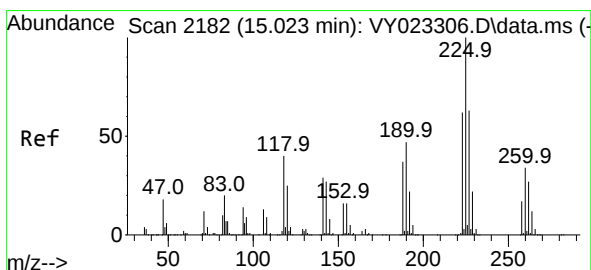
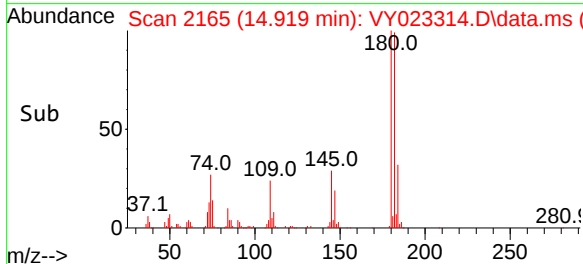
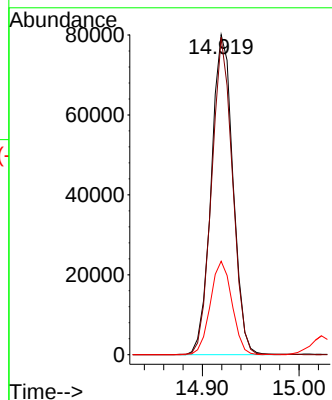
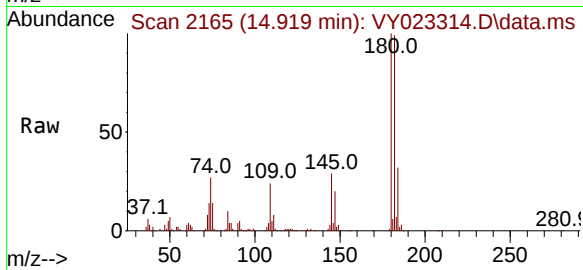
Tgt Ion:180 Resp: 125140

Ion Ratio Lower Upper

180 100

182 94.8 46.8 140.4

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.557 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

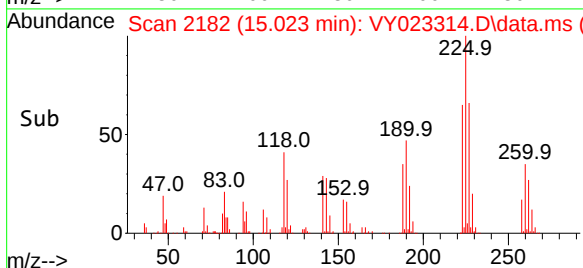
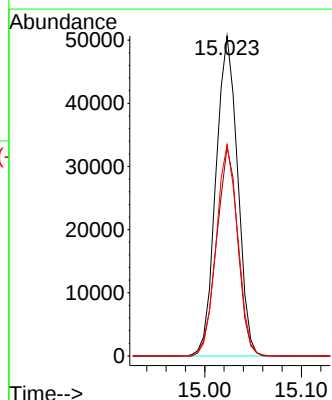
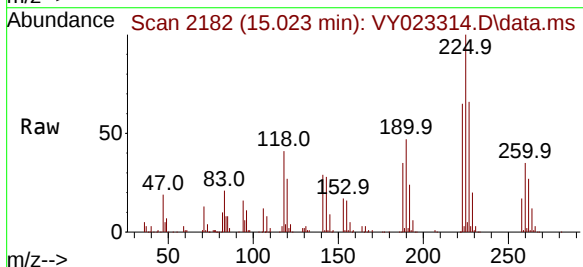
Tgt Ion:225 Resp: 78784

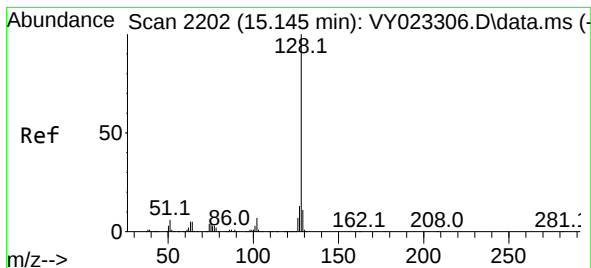
Ion Ratio Lower Upper

225 100

223 63.8 31.3 93.8

227 65.3 31.5 94.5





#95

Naphthalene

Concen: 19.371 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBS01

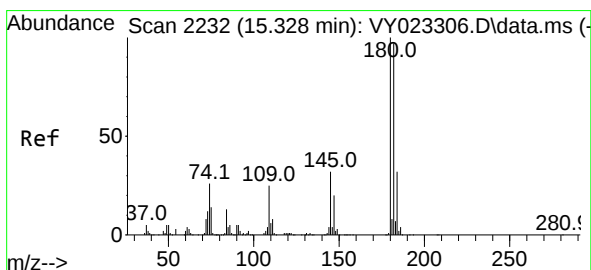
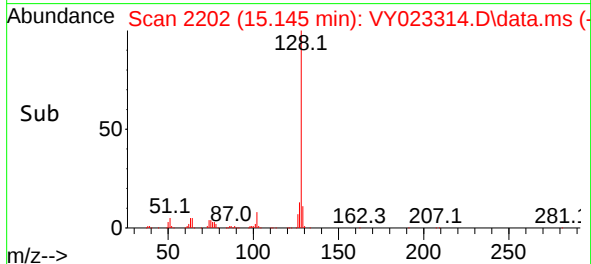
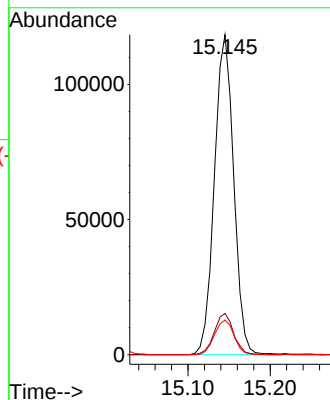
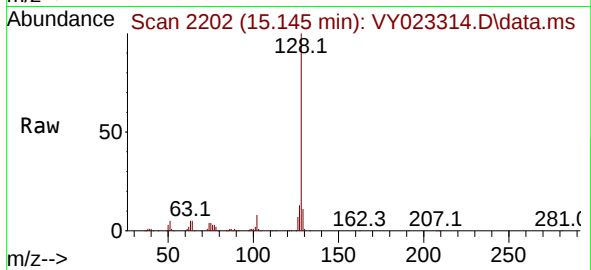
Tgt Ion:128 Resp: 192984

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.063 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023314.D

Acq: 09 Sep 2025 09:49

Tgt Ion:180 Resp: 108001

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.7

145 32.0 15.9 47.7

