

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023365.D
 Acq On : 25 Sep 2025 11:17
 Operator : SY/MD
 Sample : VY0925SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:22:07 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	7.707	168	598680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	900176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	766959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	395796	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	247912	47.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.260%
35) Dibromofluoromethane	7.634	113	268129	48.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.460%
50) Toluene-d8	10.103	98	1022544	49.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.401	95	323016	49.401	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	103021	21.449	ug/l	98
3) Chloromethane	2.074	50	138394	20.136	ug/l	99
4) Vinyl Chloride	2.208	62	173717	20.063	ug/l	98
5) Bromomethane	2.592	94	145107	20.525	ug/l	99
6) Chloroethane	2.732	64	115887	19.778	ug/l	98
7) Trichlorofluoromethane	3.056	101	232765	21.299	ug/l	100
8) Diethyl Ether	3.458	74	60088	20.780	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.811	101	122258	20.803	ug/l	95
10) Methyl Iodide	4.007	142	119283	17.399	ug/l	98
11) Tert butyl alcohol	4.860	59	45008	148.067	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	116029	20.523	ug/l	92
13) Acrolein	3.653	56	29745	57.882	ug/l	99
14) Allyl chloride	4.385	41	141543	19.819	ug/l	96
15) Acrylonitrile	5.061	53	108141	95.001	ug/l	99
16) Acetone	3.866	43	151981	126.831	ug/l	99
17) Carbon Disulfide	4.104	76	340340	19.014	ug/l	98
18) Methyl Acetate	4.385	43	54157	18.424	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	270510	20.349	ug/l	96
20) Methylene Chloride	4.616	84	160324	25.007	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	127414	20.170	ug/l	91
22) Diisopropyl ether	6.018	45	315762	19.852	ug/l	93
23) Vinyl Acetate	5.957	43	860397	97.849	ug/l	96
24) 1,1-Dichloroethane	5.915	63	204945	19.700	ug/l	97
25) 2-Butanone	6.896	43	168181	114.034	ug/l	93
26) 2,2-Dichloropropane	6.884	77	196687	21.412	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	142243	19.884	ug/l	97
28) Bromochloromethane	7.244	49	77765	18.997	ug/l	87
29) Tetrahydrofuran	7.262	42	83936	95.950	ug/l	97
30) Chloroform	7.421	83	221144	19.784	ug/l	98
31) Cyclohexane	7.701	56	184356	20.026	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	202126	20.239	ug/l	98
36) 1,1-Dichloropropene	7.835	75	159084	20.299	ug/l	98
37) Ethyl Acetate	6.982	43	61078	19.592	ug/l	98
38) Carbon Tetrachloride	7.817	117	184211	20.428	ug/l	96
39) Methylcyclohexane	9.109	83	209817	20.927	ug/l	97
40) Benzene	8.079	78	493920	20.276	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	33959	21.035	ug/l	93
42) 1,2-Dichloroethane	8.158	62	123135	19.854	ug/l	99
43) Isopropyl Acetate	8.201	43	115282	19.012	ug/l	97
44) Trichloroethene	8.865	130	139028	20.490	ug/l	98
45) 1,2-Dichloropropane	9.140	63	108534	19.728	ug/l	99
46) Dibromomethane	9.231	93	65598	19.579	ug/l	95
47) Bromodichloromethane	9.426	83	167015	19.815	ug/l	98
48) Methyl methacrylate	9.219	41	55373	19.592	ug/l	95
49) 1,4-Dioxane	9.231	88	15719	462.192	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	304753	98.240	ug/l	99
52) Toluene	10.170	92	315978	20.440	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	146036	20.124	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	176473	20.352	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	86951	19.510	ug/l	98
56) Ethyl methacrylate	10.438	69	98294	19.037	ug/l	96
57) 1,3-Dichloropropane	10.719	76	142592	19.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	199812	88.789	ug/l	94
59) 2-Hexanone	10.761	43	237323	110.665	ug/l	99
60) Dibromochloromethane	10.908	129	119292	19.728	ug/l	99
61) 1,2-Dibromoethane	11.011	107	83105	19.900	ug/l	98
64) Tetrachloroethene	10.646	164	158921	20.790	ug/l	97
65) Chlorobenzene	11.438	112	348582	20.746	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.517	131	121408	20.586	ug/l	97
67) Ethyl Benzene	11.517	91	577616	21.043	ug/l	99
68) m/p-Xylenes	11.627	106	461675	42.003	ug/l	97
69) o-Xylene	11.950	106	213922	21.024	ug/l	98
70) Styrene	11.969	104	348399	20.660	ug/l	98
71) Bromoform	12.127	173	71954	20.488	ug/l #	100
73) Isopropylbenzene	12.255	105	560183	21.011	ug/l	99
74) N-amyl acetate	12.066	43	96595	19.168	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	88830	19.853	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	118943	29.675	ug/l #	100
77) Bromobenzene	12.529	156	139670	20.505	ug/l	92
78) n-propylbenzene	12.590	91	661591	21.054	ug/l	98
79) 2-Chlorotoluene	12.676	91	376376	20.796	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	458943	21.165	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	29221	19.881	ug/l	98
82) 4-Chlorotoluene	12.773	91	392020	20.701	ug/l	97
83) tert-Butylbenzene	12.993	119	423818	21.581	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	453302	21.132	ug/l	98
85) sec-Butylbenzene	13.170	105	606313	21.219	ug/l	97
86) p-Isopropyltoluene	13.291	119	512422	21.230	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	276657	20.526	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	272791	20.434	ug/l	99
89) n-Butylbenzene	13.615	91	451428	21.089	ug/l	99
90) Hexachloroethane	13.877	117	106341	20.322	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	241606	20.559	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	13602	19.374	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	147613	21.534	ug/l	98
94) Hexachlorobutadiene	15.017	225	95889	22.624	ug/l	99
95) Naphthalene	15.139	128	220909	20.050	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	125867	21.143	ug/l	99

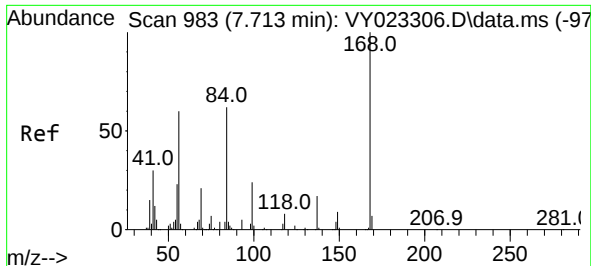
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Response via : Initial Calibration

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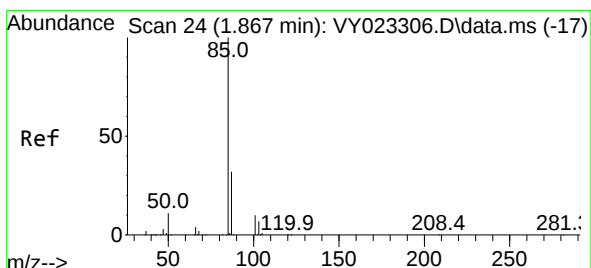
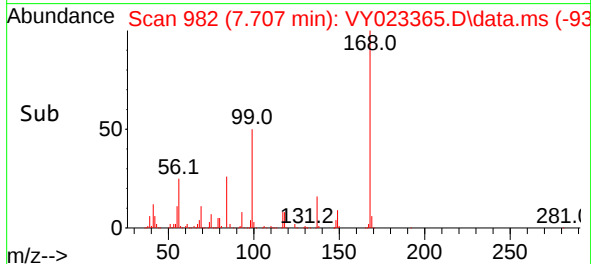
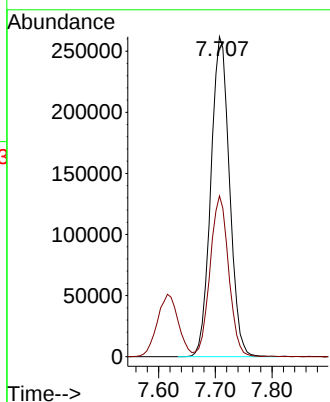
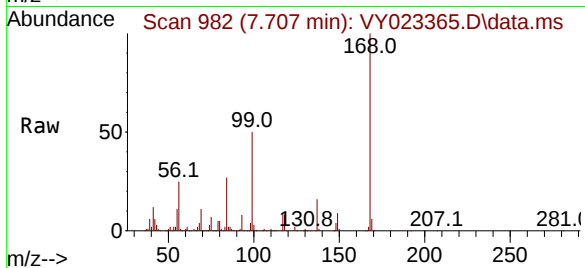
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023365.D
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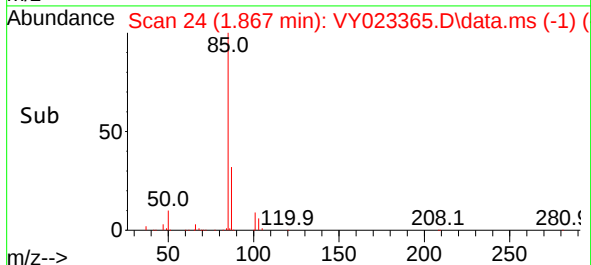
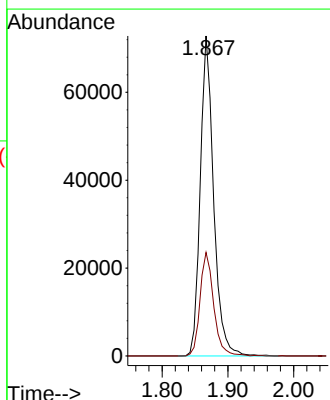
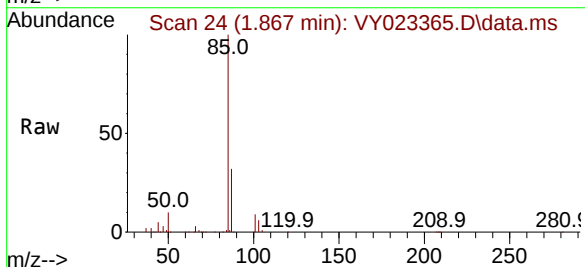
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ClientSampleId :

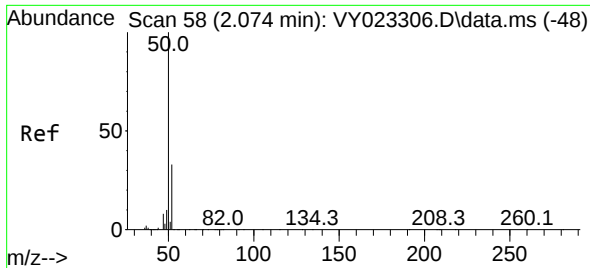
Tgt Ion:168 Resp: 598680
Ion Ratio Lower Upper
168 100
99 50.2 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.449 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 85 Resp: 103021
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8

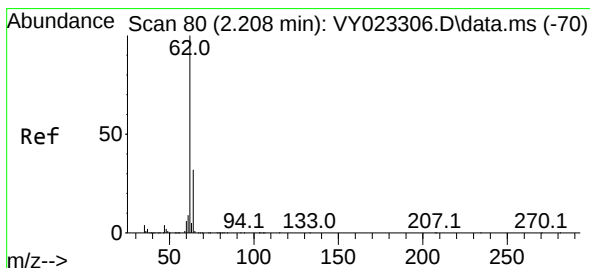
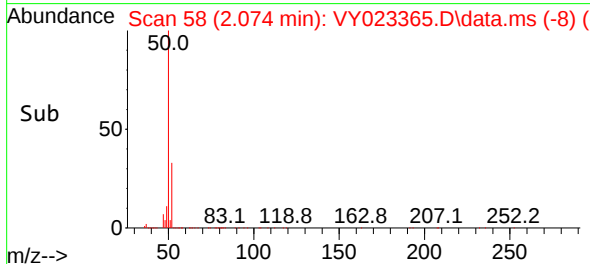
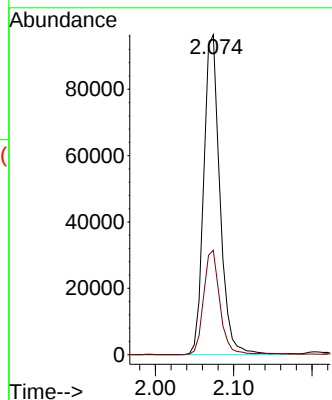
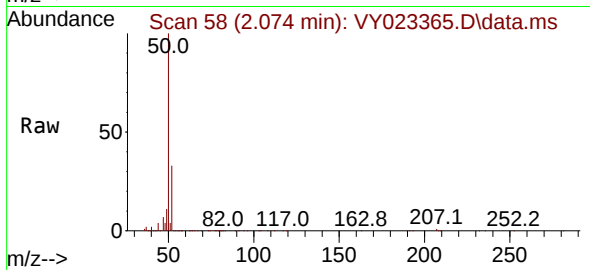




#3
Chloromethane
Concen: 20.136 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

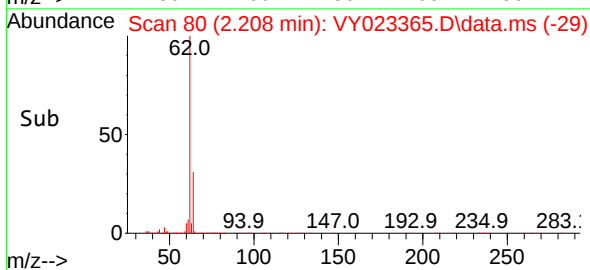
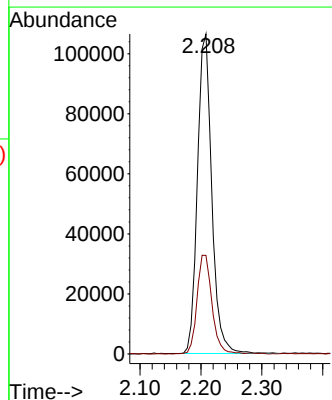
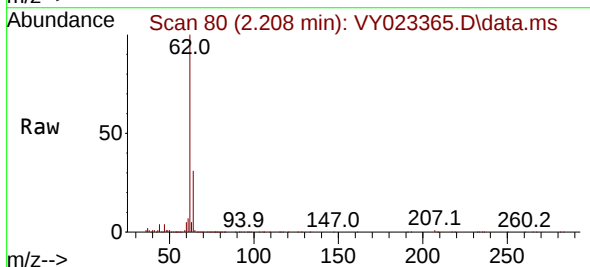
Instrument :
MSVOA_Y
ClientSampleId :

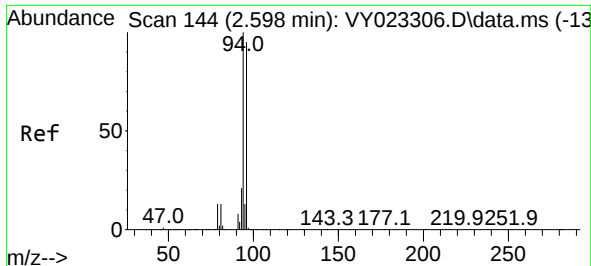
Tgt Ion: 50 Resp: 138394
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1



#4
Vinyl Chloride
Concen: 20.063 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 62 Resp: 173717
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0

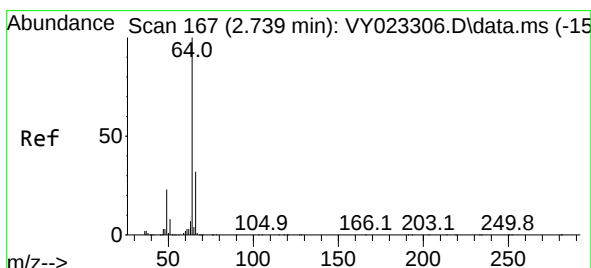
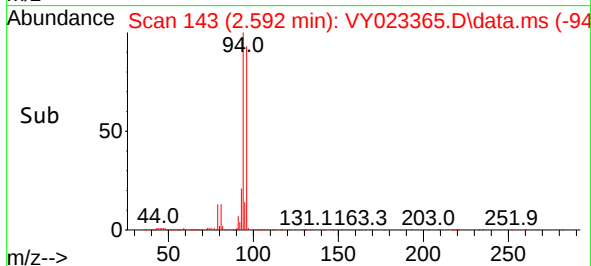
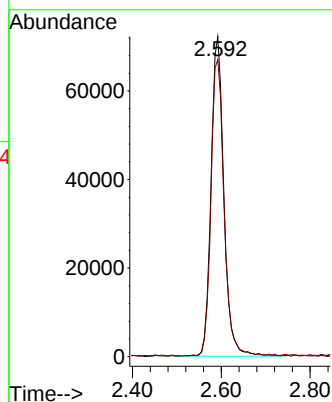
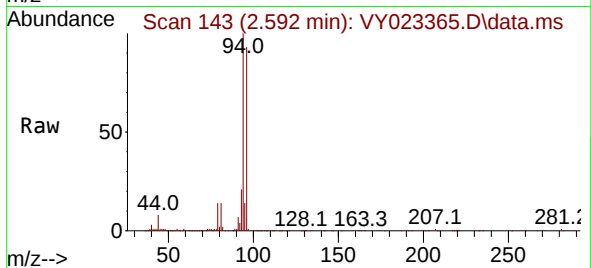




#5
Bromomethane
Concen: 20.525 ug/l
RT: 2.592 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

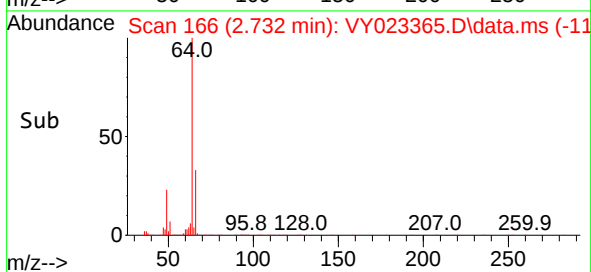
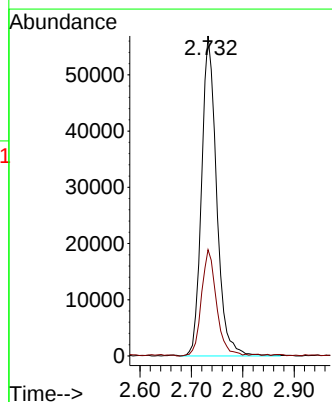
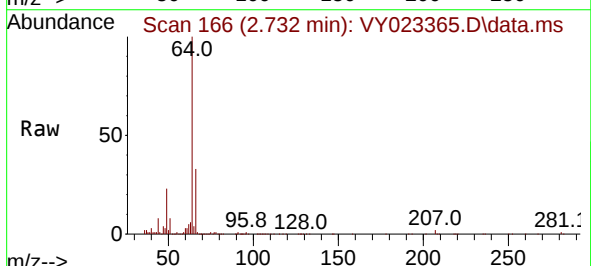
Instrument :
MSVOA_Y
ClientSampleId :

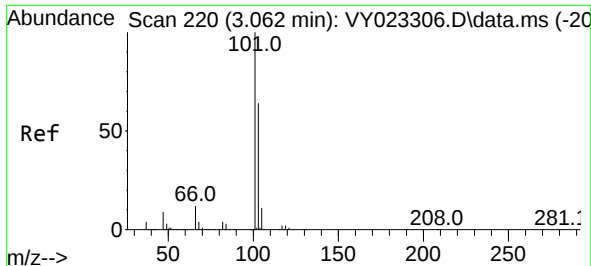
Tgt Ion: 94 Resp: 145107
Ion Ratio Lower Upper
94 100
96 92.6 74.6 112.0



#6
Chloroethane
Concen: 19.778 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

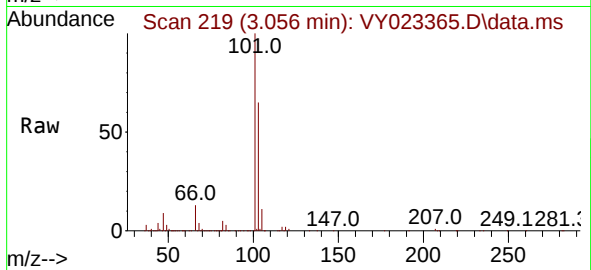
Tgt Ion: 64 Resp: 115887
Ion Ratio Lower Upper
64 100
66 33.2 25.8 38.6



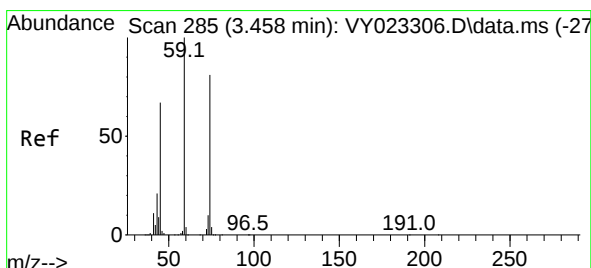
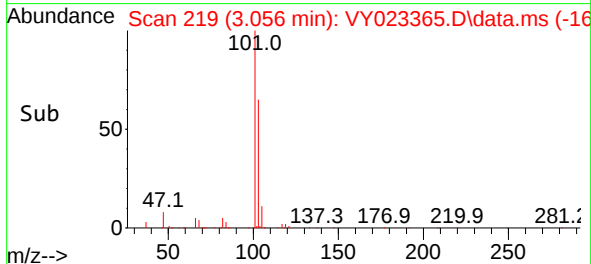
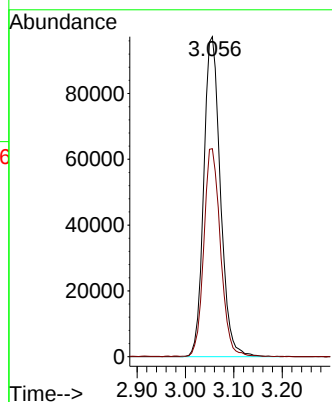


#7
 Trichlorofluoromethane
 Concen: 21.299 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023365.D
 Acq: 25 Sep 2025 11:17

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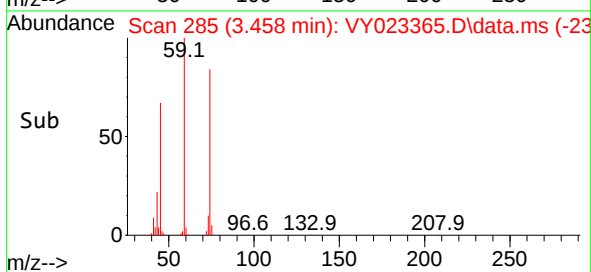
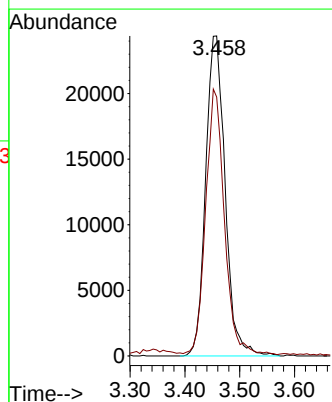
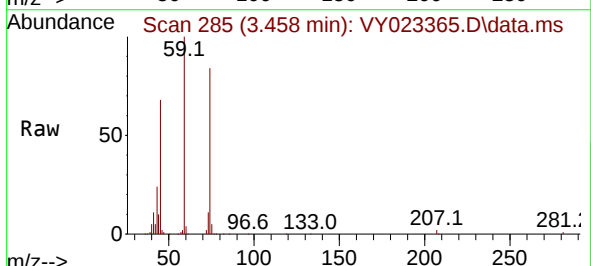


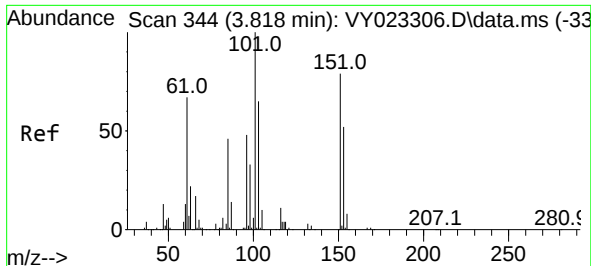
Tgt Ion:101 Resp: 232765
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.780 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023365.D
 Acq: 25 Sep 2025 11:17

Tgt Ion: 74 Resp: 60088
 Ion Ratio Lower Upper
 74 100
 45 79.7 44.4 133.2

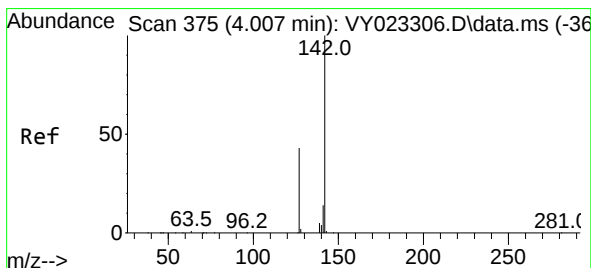
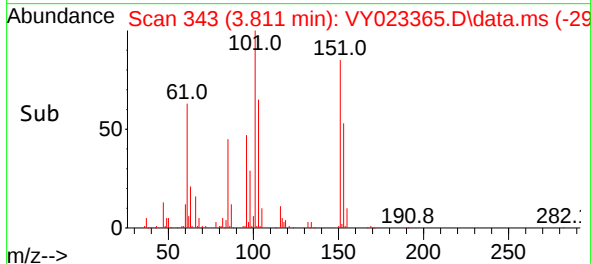
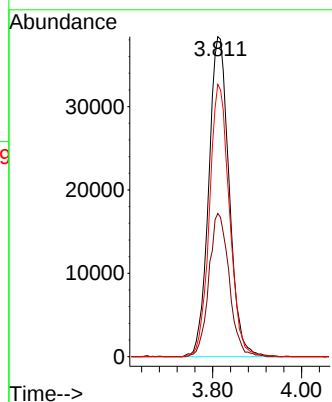
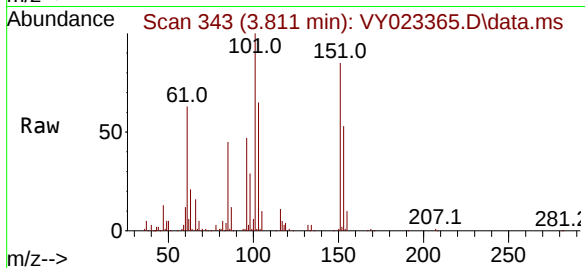




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.803 ug/l
RT: 3.811 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023365.D
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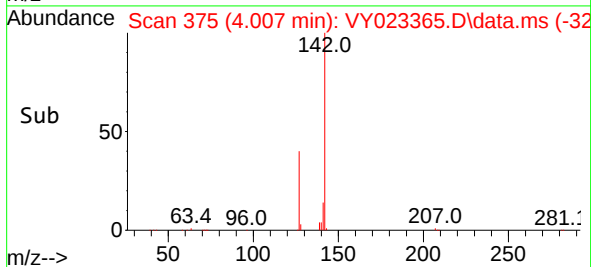
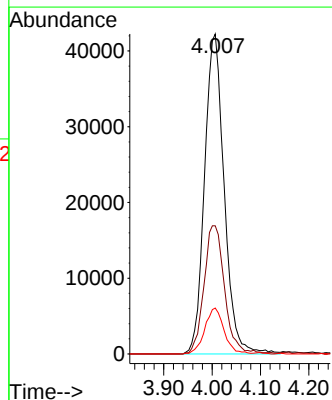
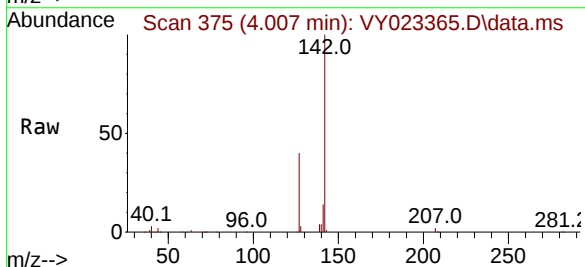
Instrument :
MSVOA_Y
ClientSampleId :

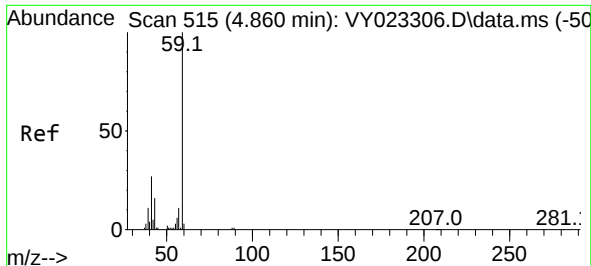
Tgt Ion:101 Resp: 122258
Ion Ratio Lower Upper
101 100
85 44.5 36.3 54.5
151 83.4 61.5 92.3



#10
Methyl Iodide
Concen: 17.399 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion:142 Resp: 119283
Ion Ratio Lower Upper
142 100
127 42.2 34.9 52.3
141 14.1 11.3 16.9

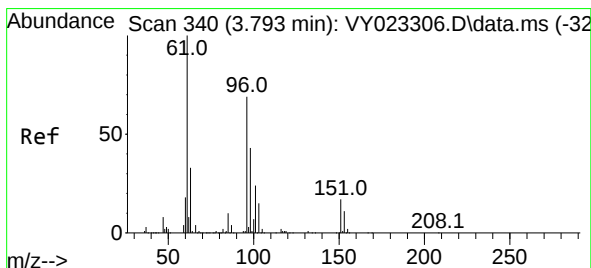
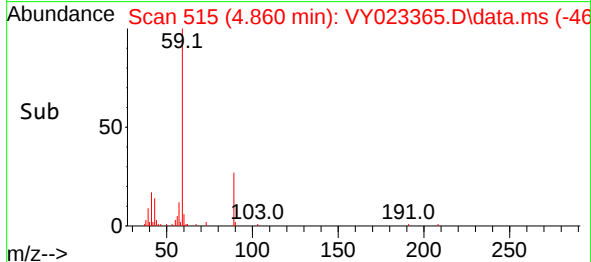
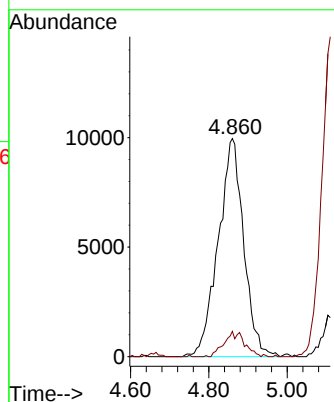
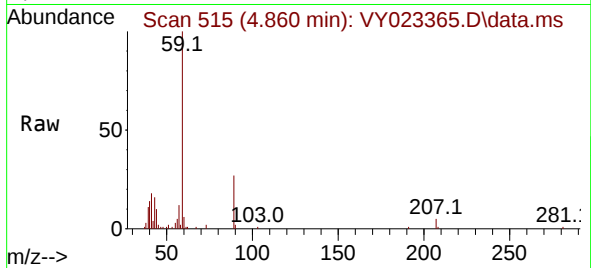




#11
Tert butyl alcohol
Concen: 148.067 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

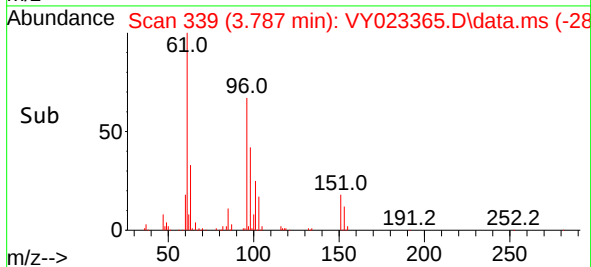
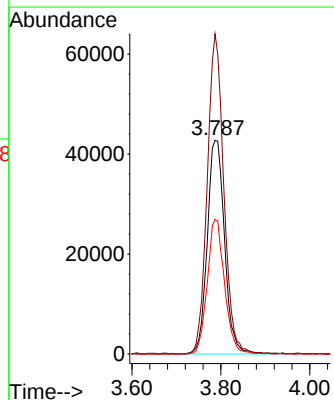
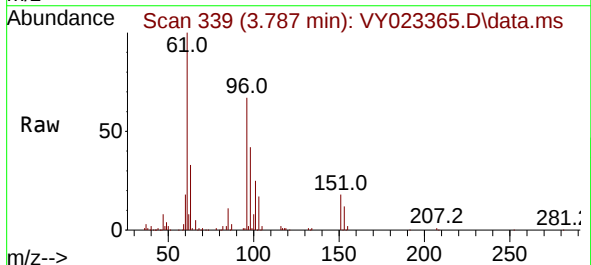
Instrument :
MSVOA_Y
ClientSampleId :

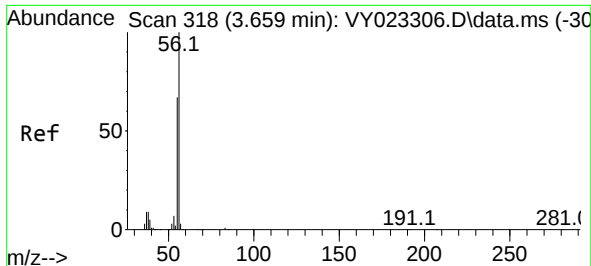
Tgt Ion: 59 Resp: 45008
Ion Ratio Lower Upper
59 100
57 5.1 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 20.523 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 96 Resp: 116029
Ion Ratio Lower Upper
96 100
61 149.7 129.4 194.2
98 63.0 52.8 79.2

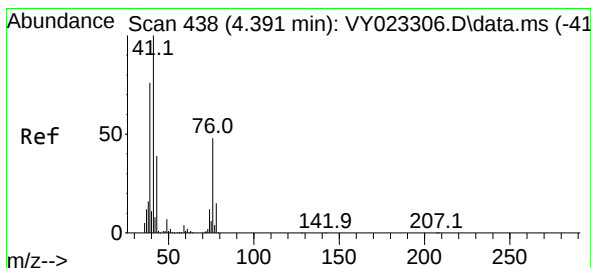
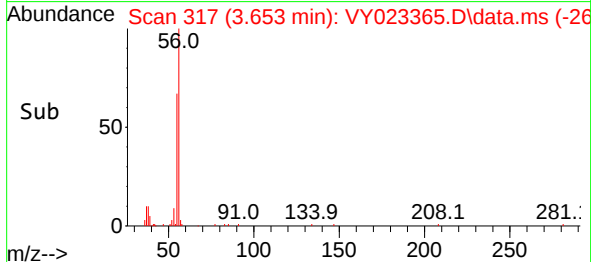
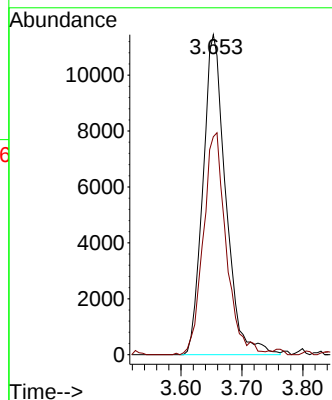
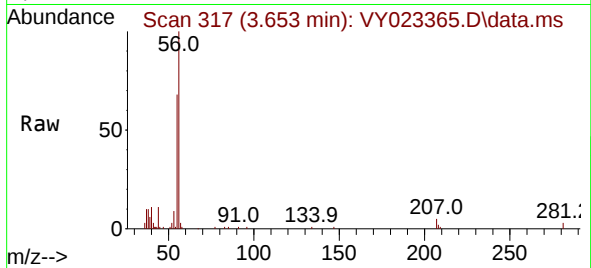




#13
Acrolein
Concen: 57.882 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

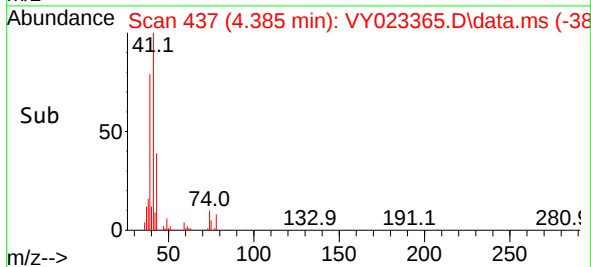
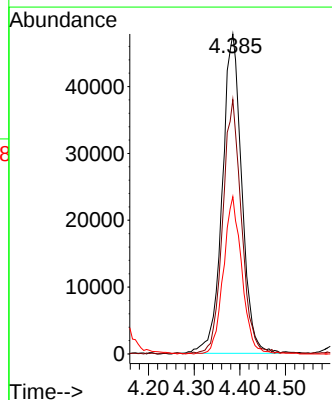
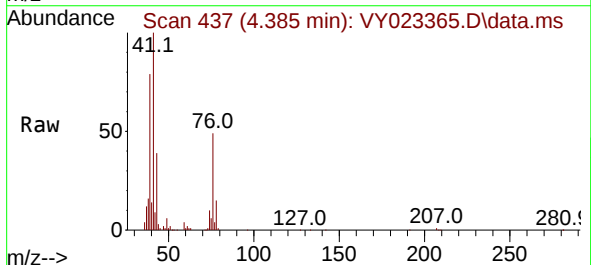
Instrument :
MSVOA_Y
ClientSampleId :

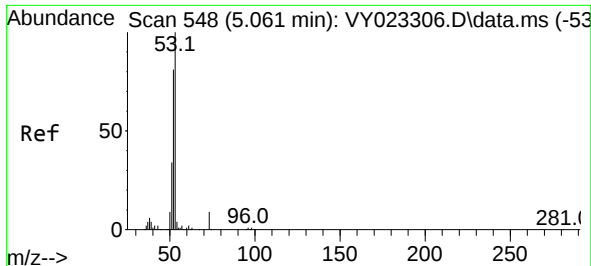
Tgt Ion: 56 Resp: 29745
Ion Ratio Lower Upper
56 100
55 69.9 55.2 82.8



#14
Allyl chloride
Concen: 19.819 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 41 Resp: 141543
Ion Ratio Lower Upper
41 100
39 77.0 59.8 89.6
76 46.8 33.7 50.5

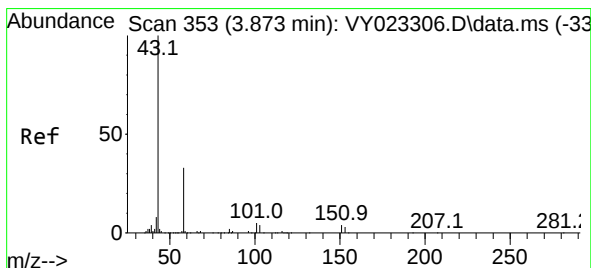
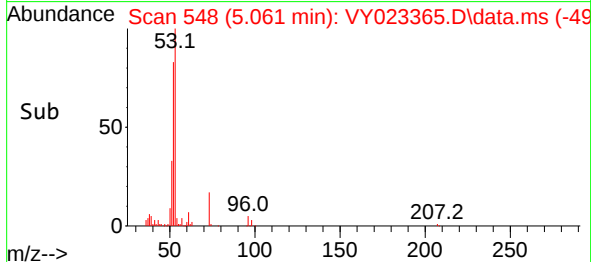
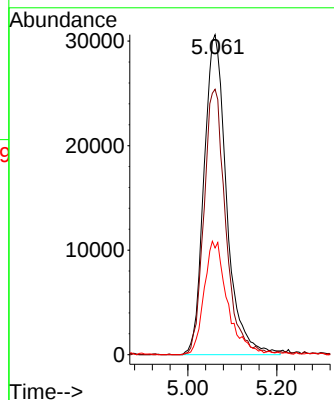
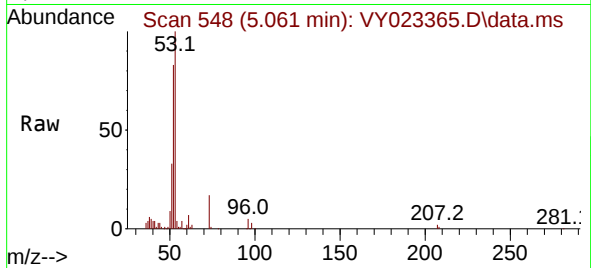




#15
Acrylonitrile
Concen: 95.001 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.012 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

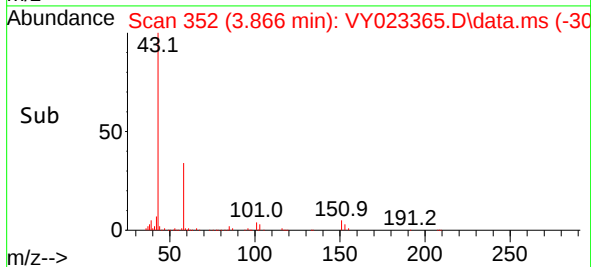
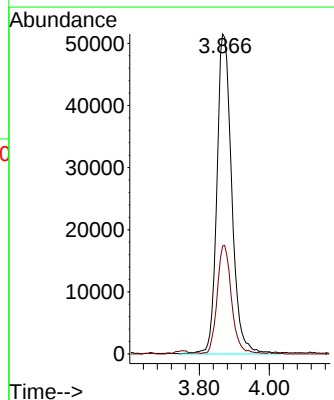
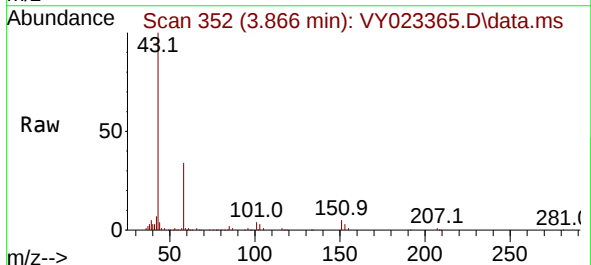
Instrument :
MSVOA_Y
ClientSampleId :

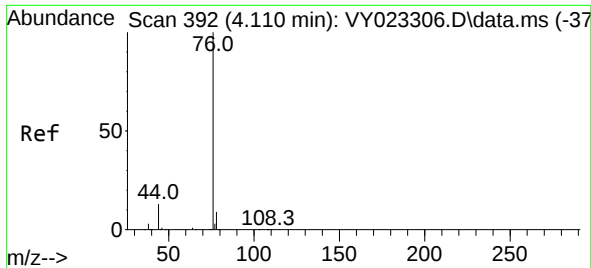
Tgt Ion: 53 Resp: 108141
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 36.7 29.5 44.3



#16
Acetone
Concen: 126.831 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 43 Resp: 151981
Ion Ratio Lower Upper
43 100
58 33.6 27.1 40.7

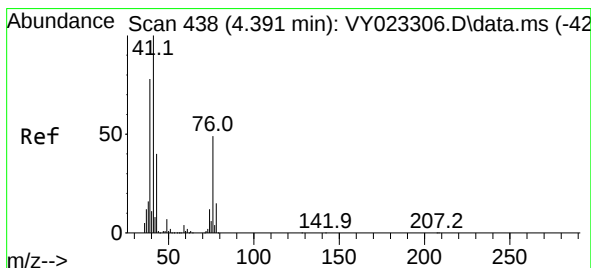
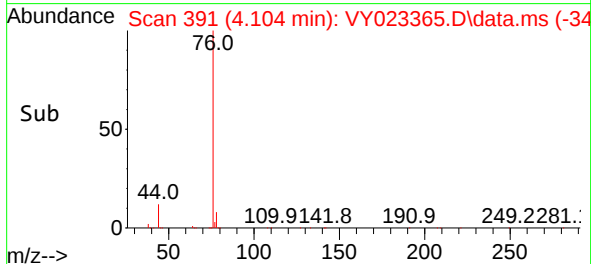
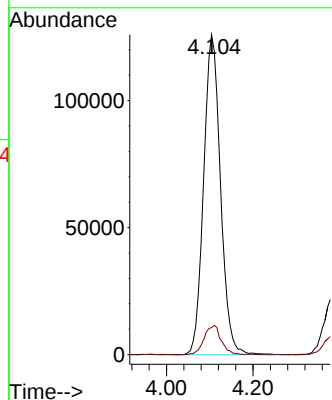
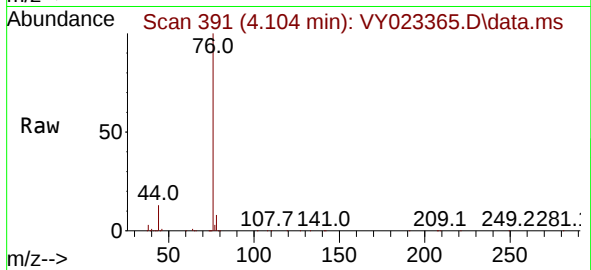




#17
Carbon Disulfide
Concen: 19.014 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

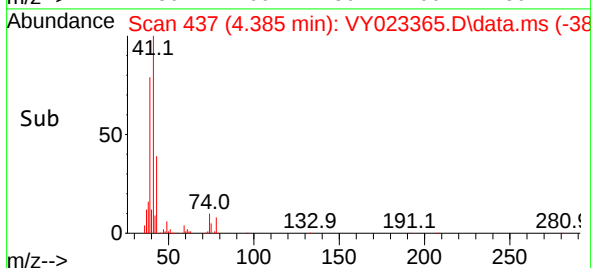
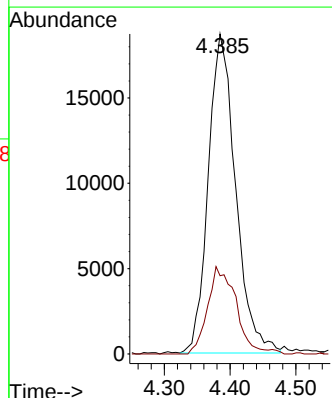
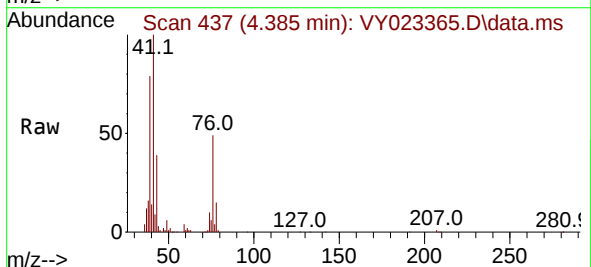
Instrument :
MSVOA_Y
ClientSampleId :

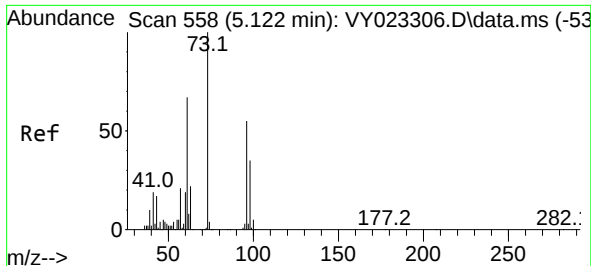
Tgt Ion: 76 Resp: 340340
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 18.424 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 43 Resp: 54157
Ion Ratio Lower Upper
43 100
74 28.5 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 20.349 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

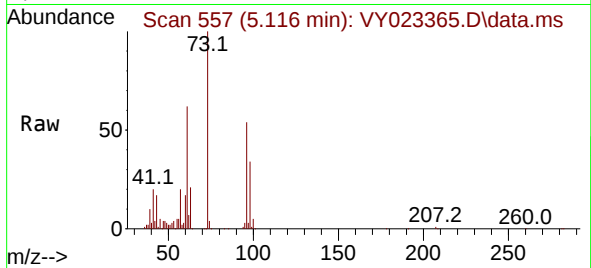
Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

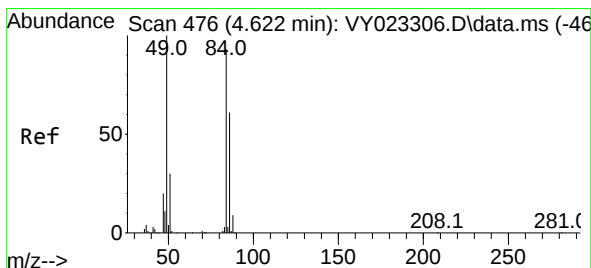
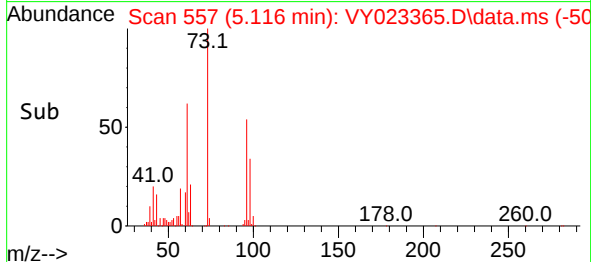
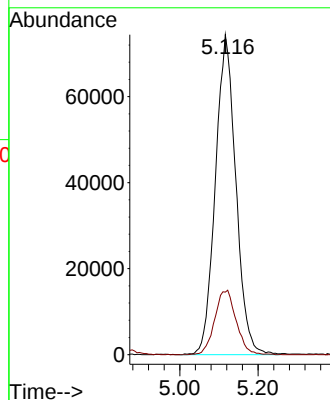


Tgt Ion: 73 Resp: 270510

Ion Ratio Lower Upper

73 100

57 19.6 17.1 25.7



#20

Methylene Chloride

Concen: 25.007 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Tgt Ion: 84 Resp: 160324

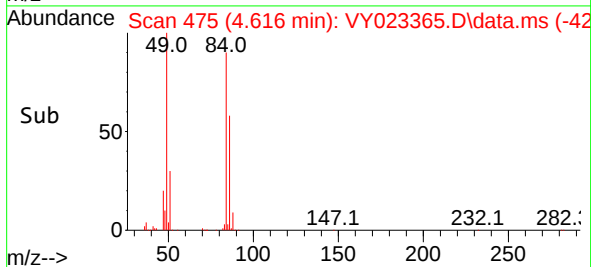
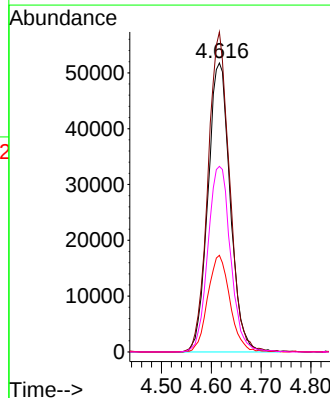
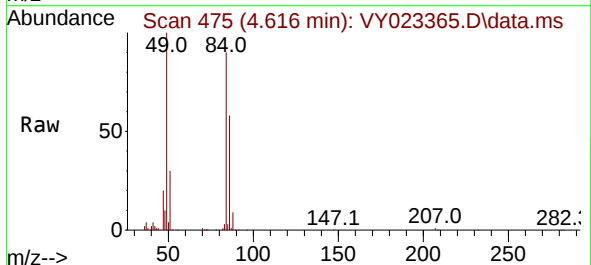
Ion Ratio Lower Upper

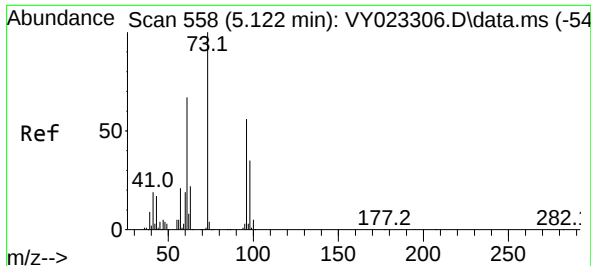
84 100

49 110.7 93.0 139.6

51 33.3 29.0 43.4

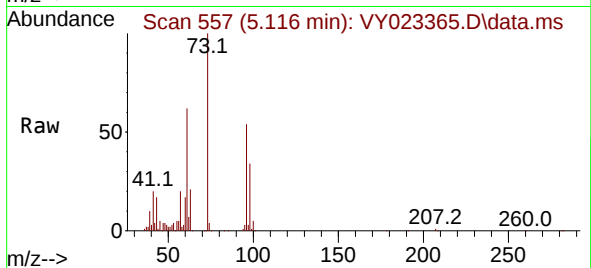
86 64.2 50.2 75.4





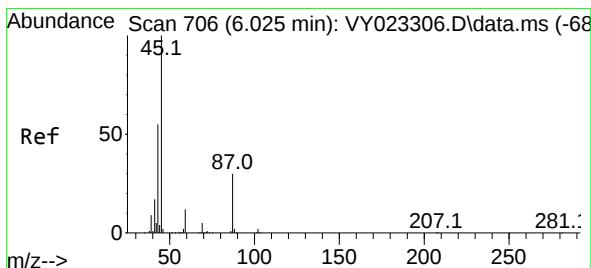
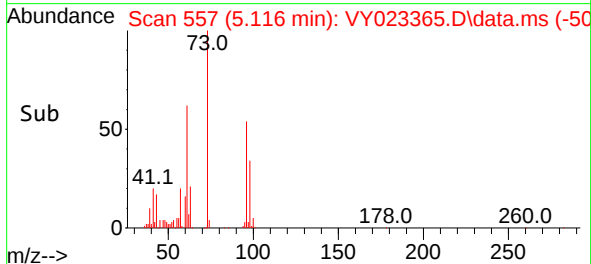
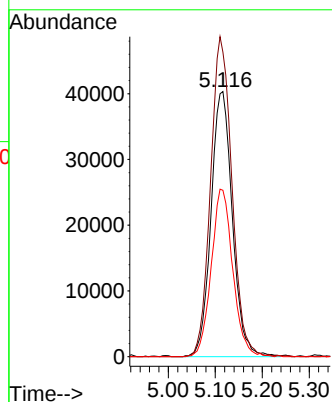
#21
trans-1,2-Dichloroethene
Concen: 20.170 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 96 Resp: 127414

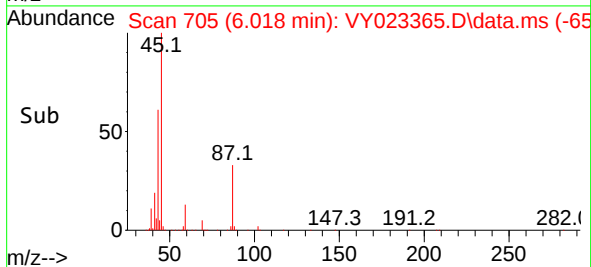
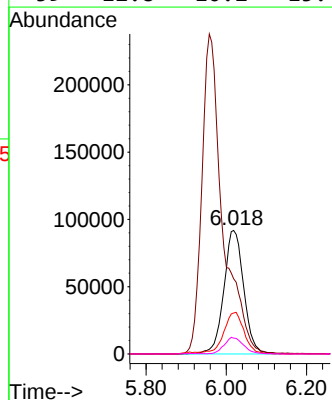
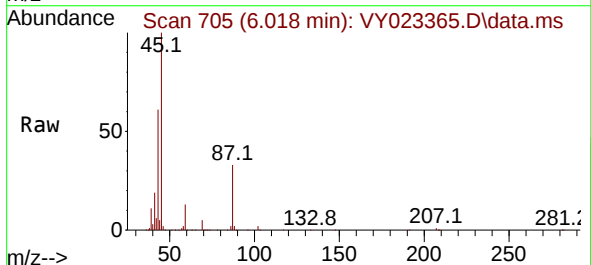
Ion	Ratio	Lower	Upper
96	100		
61	114.8	104.8	157.2
98	62.7	50.1	75.1

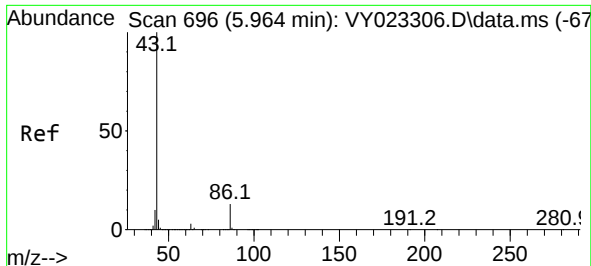


#22
Diisopropyl ether
Concen: 19.852 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 45 Resp: 315762

Ion	Ratio	Lower	Upper
45	100		
43	60.7	43.4	65.0
87	33.1	24.4	36.6
59	12.8	10.2	15.4

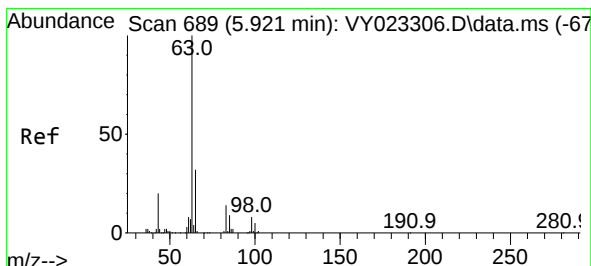
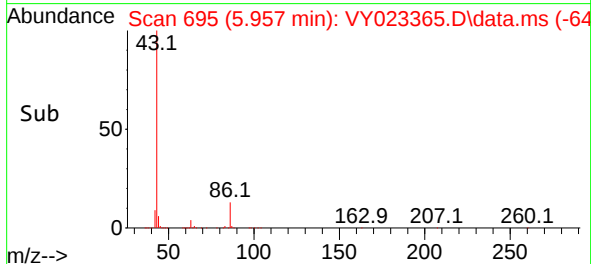
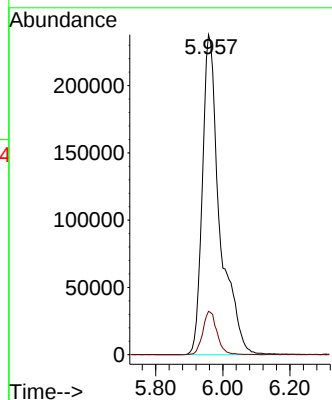
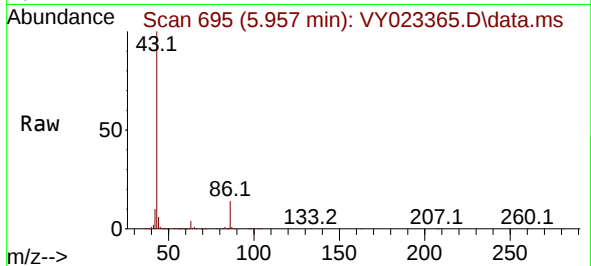




#23
 Vinyl Acetate
 Concen: 97.849 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023365.D
 Acq: 25 Sep 2025 11:17

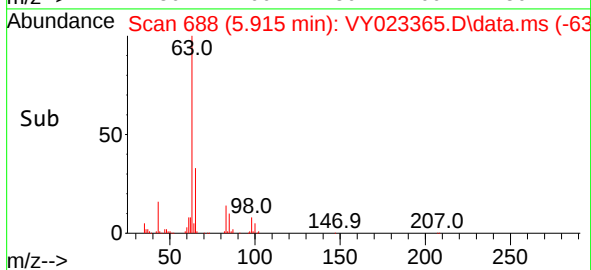
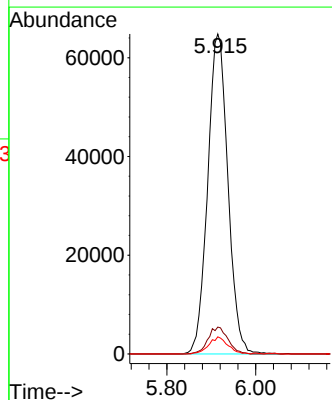
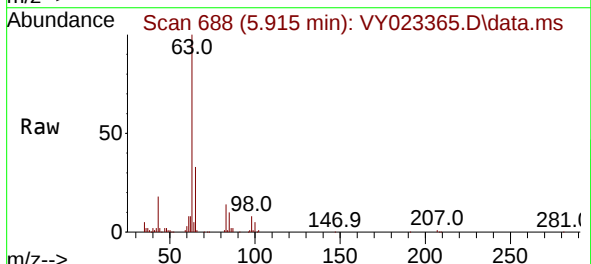
Instrument :
 MSVOA_Y
 ClientSampleId :

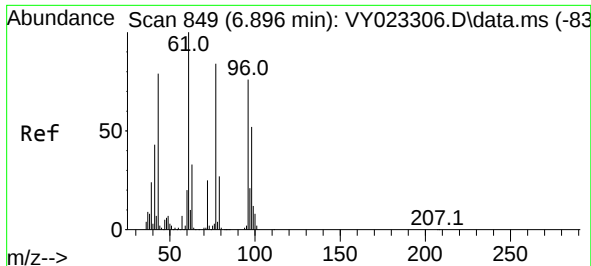
Tgt Ion: 43 Resp: 860397
 Ion Ratio Lower Upper
 43 100
 86 13.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 19.700 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023365.D
 Acq: 25 Sep 2025 11:17

Tgt Ion: 63 Resp: 204945
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.6
 100 5.3 2.4 7.1

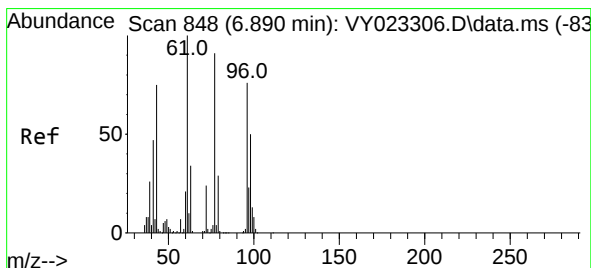
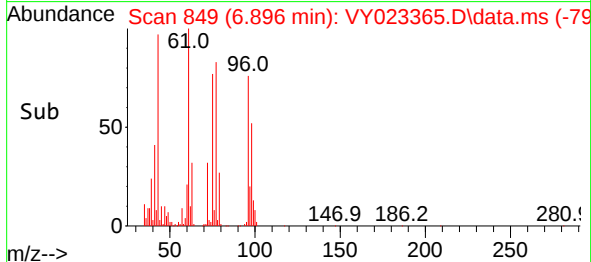
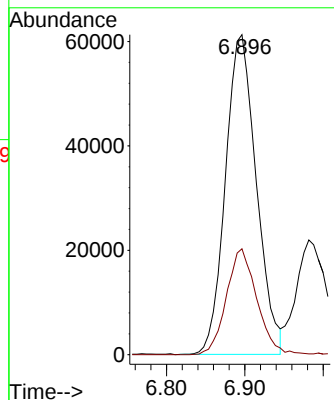
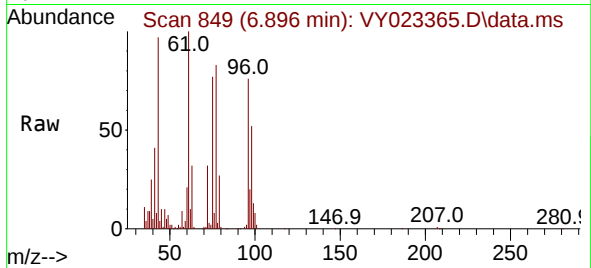




#25
2-Butanone
Concen: 114.034 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

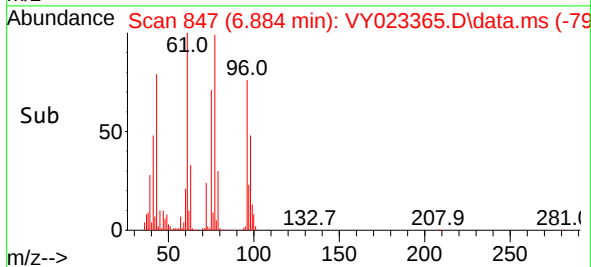
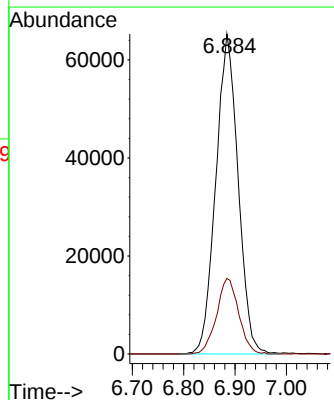
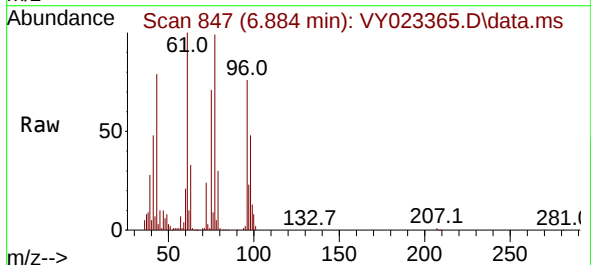
Instrument :
MSVOA_Y
ClientSampleId :

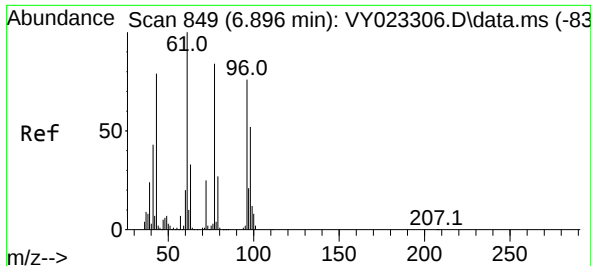
Tgt Ion: 43 Resp: 168181
Ion Ratio Lower Upper
43 100
72 33.1 23.5 35.3



#26
2,2-Dichloropropane
Concen: 21.412 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 77 Resp: 196687
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.884 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

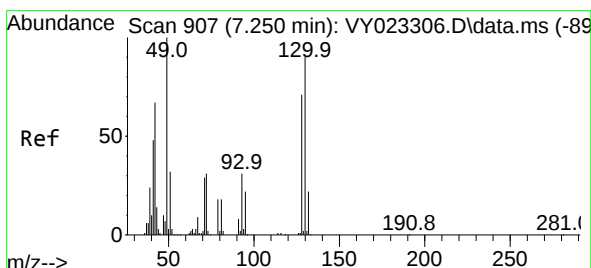
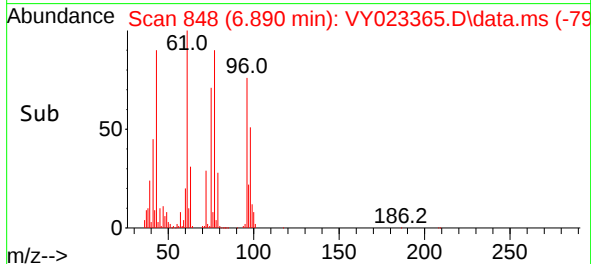
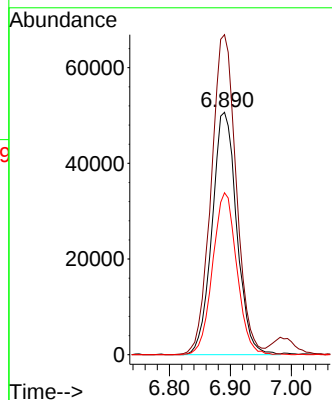
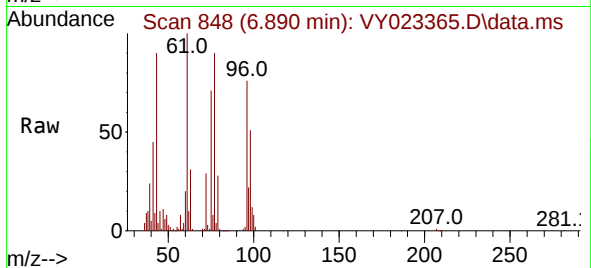
Tgt Ion: 96 Resp: 142243

Ion Ratio Lower Upper

96 100

61 134.5 0.0 278.6

98 65.6 0.0 130.4



#28

Bromochloromethane

Concen: 18.997 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

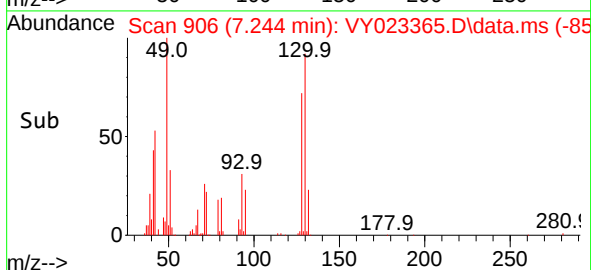
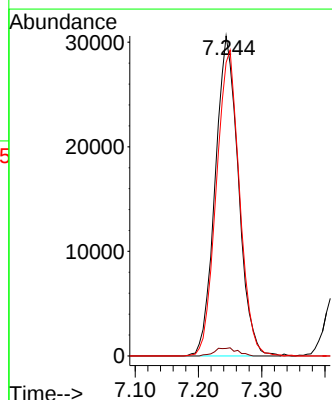
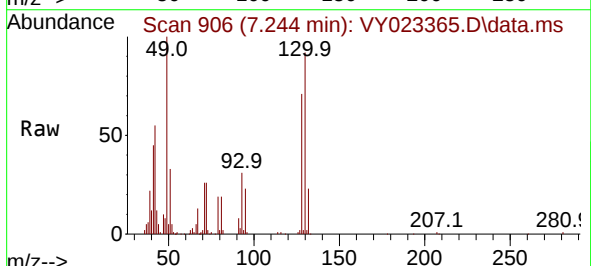
Tgt Ion: 49 Resp: 77765

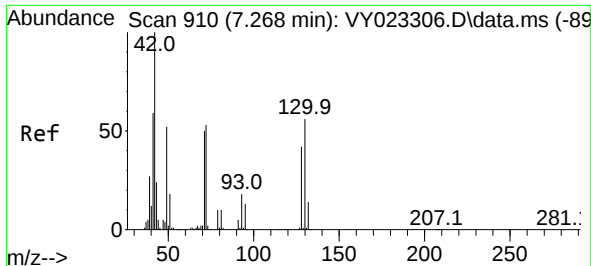
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 95.3 66.4 99.6





#29

Tetrahydrofuran

Concen: 95.950 ug/l

RT: 7.262 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

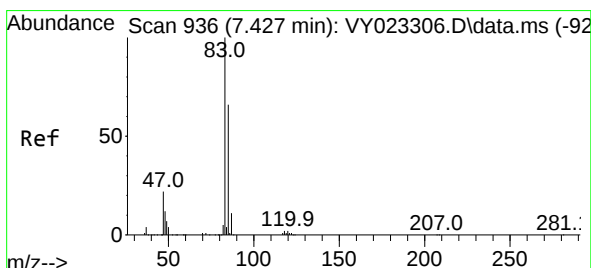
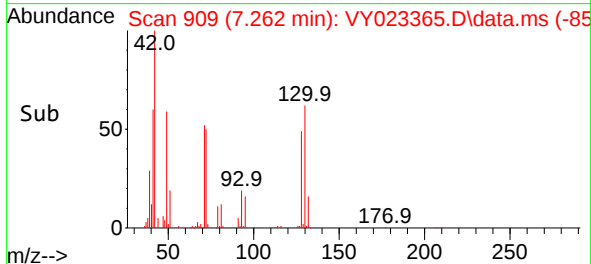
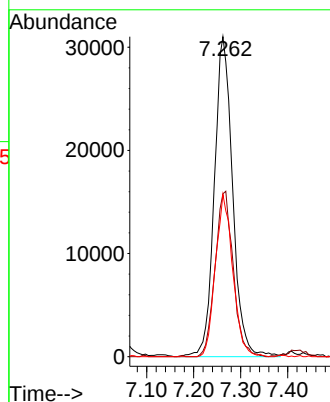
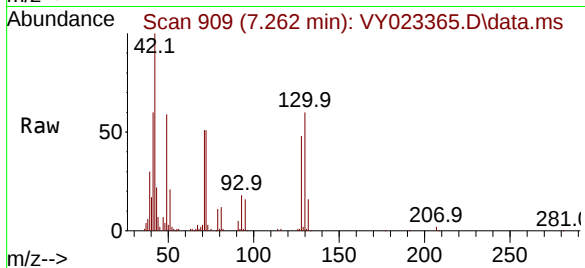
Tgt Ion: 42 Resp: 83936

Ion Ratio Lower Upper

42 100

72 51.1 39.4 59.2

71 48.2 36.5 54.7



#30

Chloroform

Concen: 19.784 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023365.D

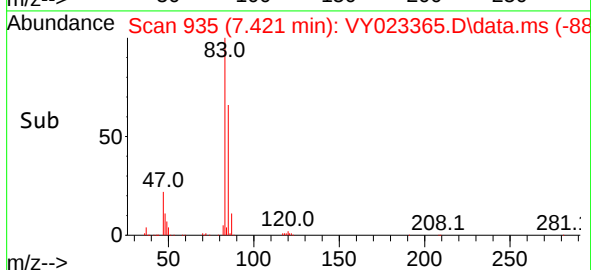
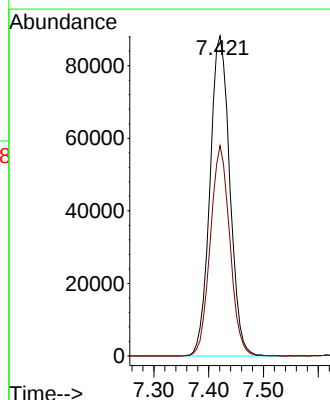
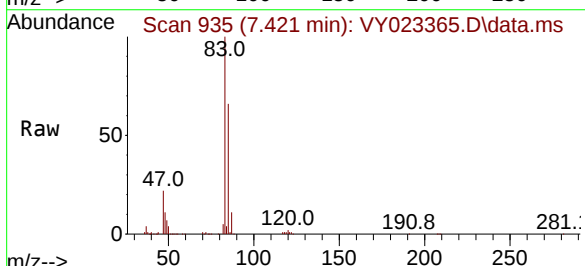
Acq: 25 Sep 2025 11:17

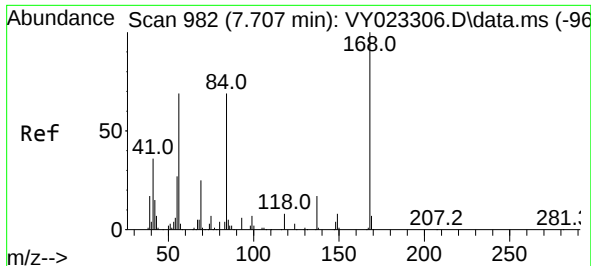
Tgt Ion: 83 Resp: 221144

Ion Ratio Lower Upper

83 100

85 65.7 53.8 80.8

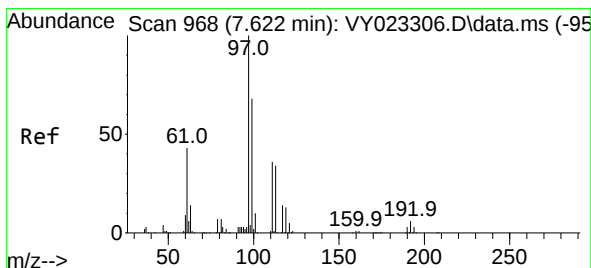
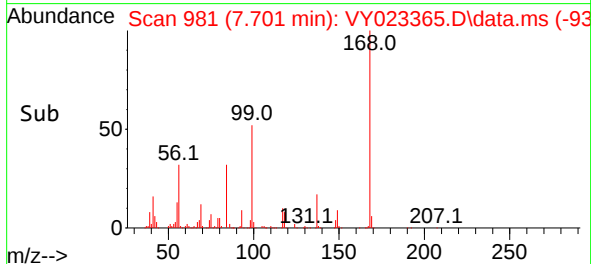
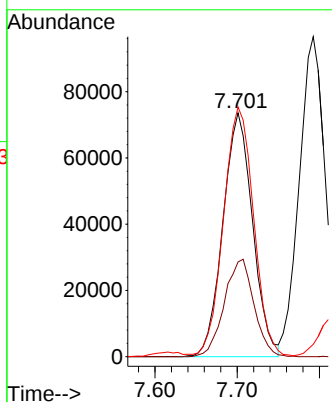
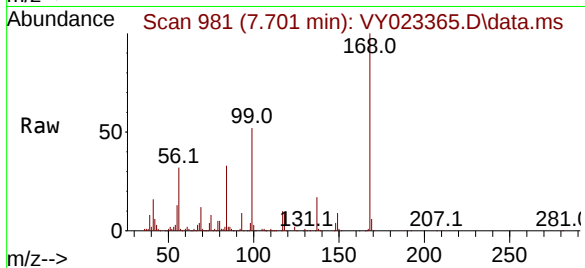




#31
Cyclohexane
Concen: 20.026 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

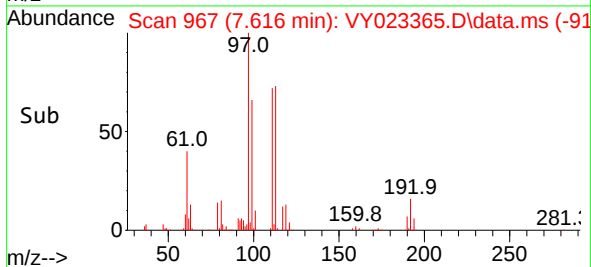
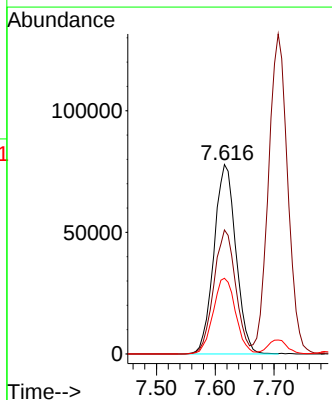
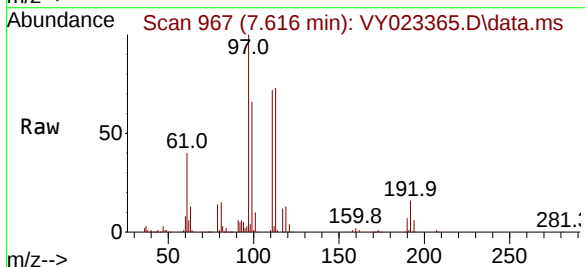
Instrument :
MSVOA_Y
ClientSampleId :

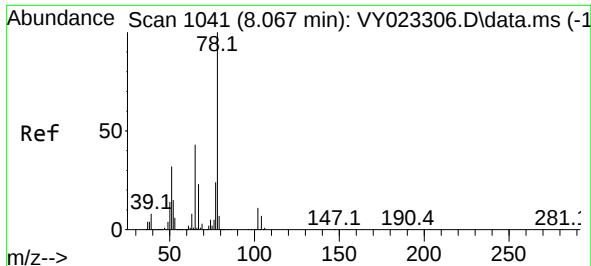
Tgt Ion: 56 Resp: 184356
Ion Ratio Lower Upper
56 100
69 38.8 28.2 42.2
84 100.6 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.239 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 97 Resp: 202126
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 40.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.125 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

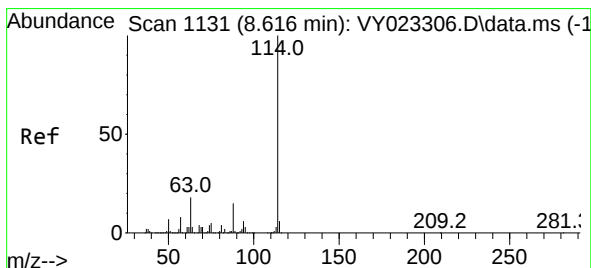
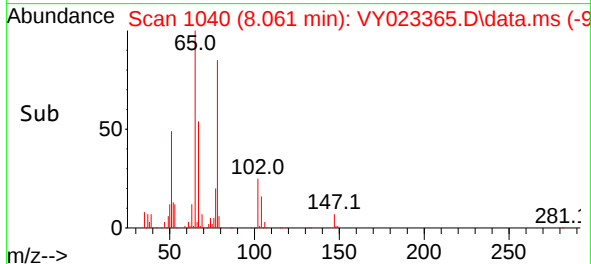
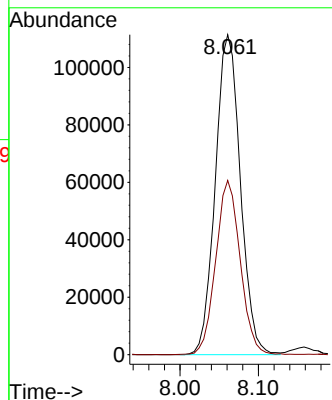
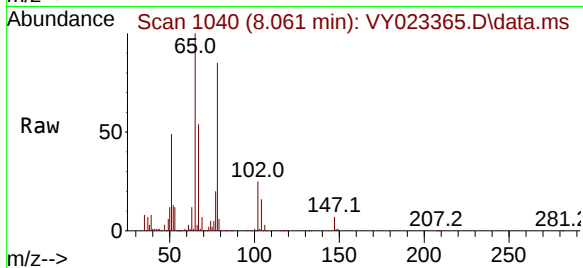
ClientSampleId :

Tgt Ion: 65 Resp: 247912

Ion Ratio Lower Upper

65 100

67 53.3 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: VY023365.D

Acq: 25 Sep 2025 11:17

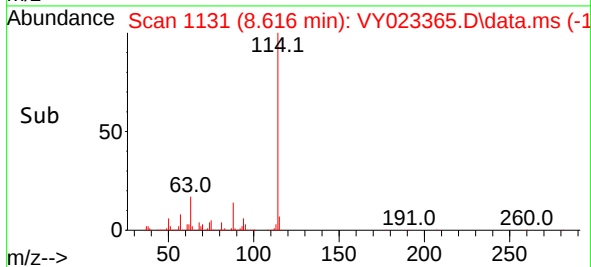
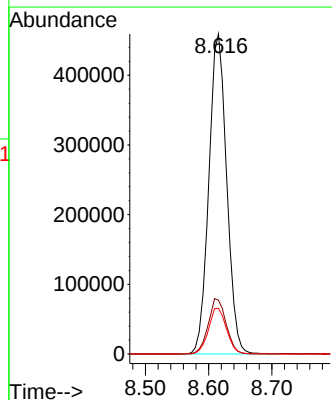
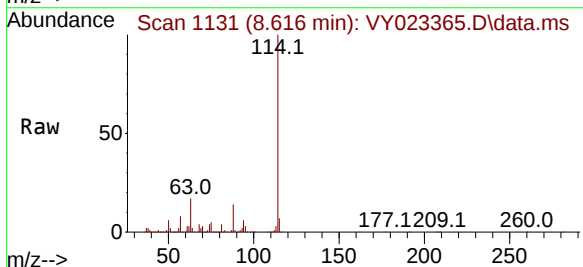
Tgt Ion: 114 Resp: 900176

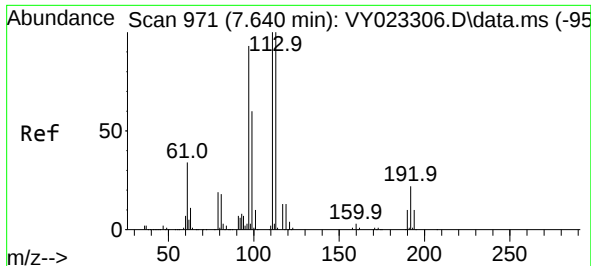
Ion Ratio Lower Upper

114 100

63 16.8 0.0 38.4

88 14.3 0.0 30.0

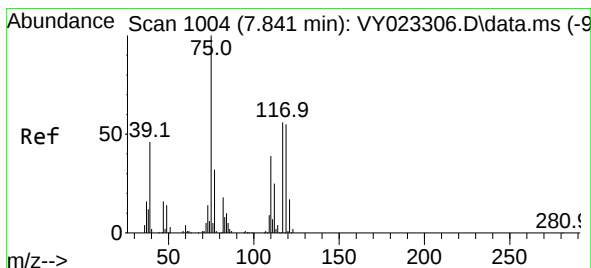
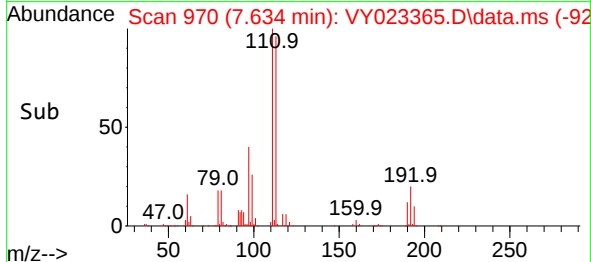
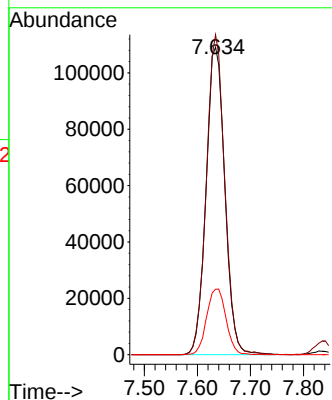
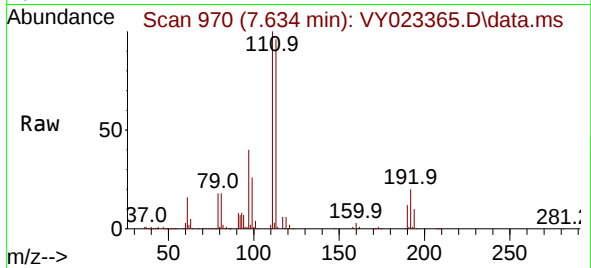




#35
Dibromofluoromethane
Concen: 48.729 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

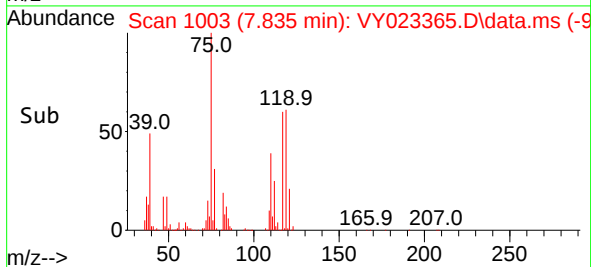
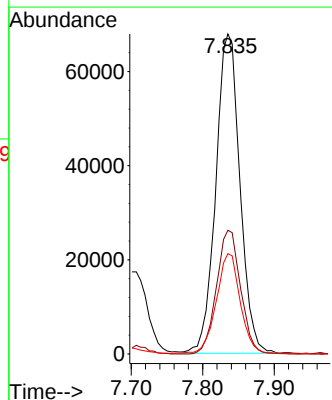
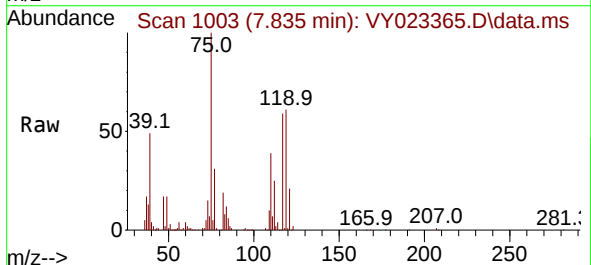
Instrument :
MSVOA_Y
ClientSampleId :

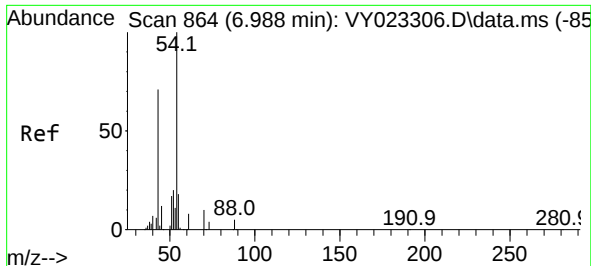
Tgt Ion:113 Resp: 268129
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 22.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.299 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 75 Resp: 159084
Ion Ratio Lower Upper
75 100
110 38.5 18.1 54.4
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 19.592 ug/l

RT: 6.982 min Scan# 8

Delta R.T. 0.000 min

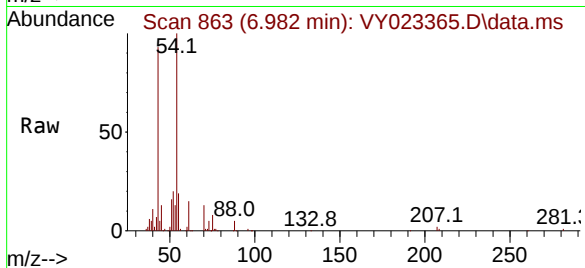
Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :



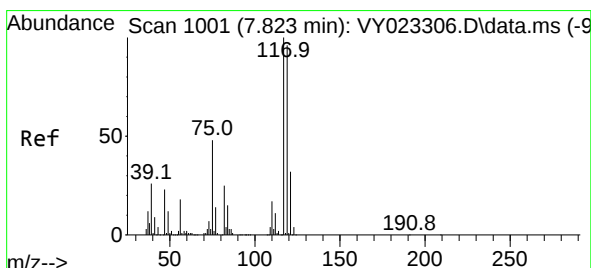
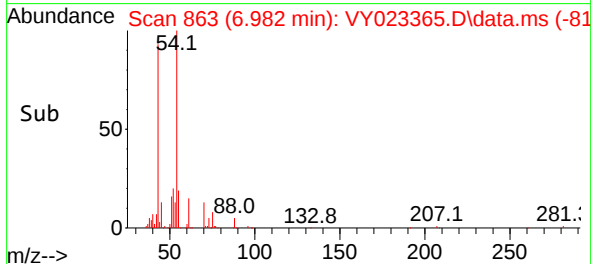
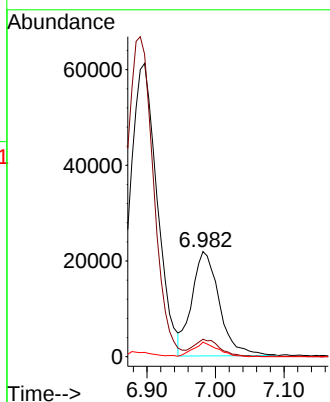
Tgt Ion: 43 Resp: 61078

Ion Ratio Lower Upper

43 100

61 15.3 11.9 17.9

70 12.2 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.428 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

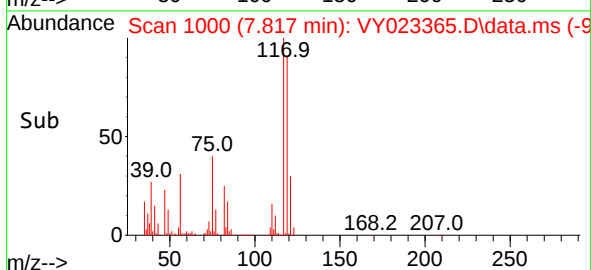
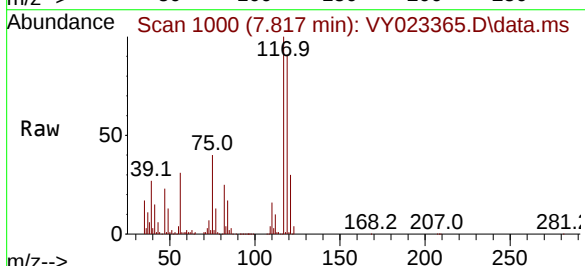
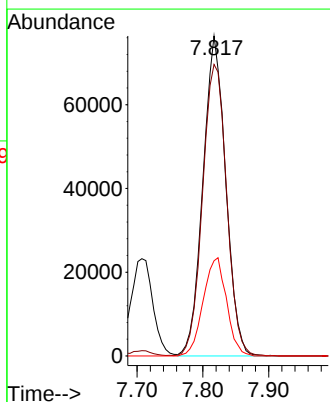
Tgt Ion: 117 Resp: 184211

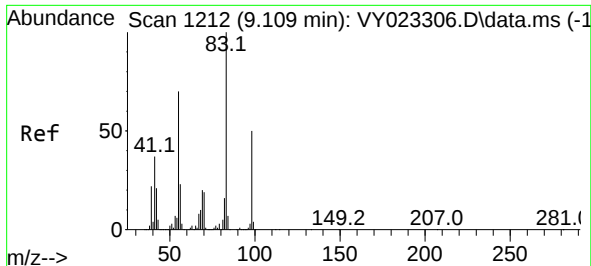
Ion Ratio Lower Upper

117 100

119 91.1 75.6 113.4

121 29.8 25.8 38.8





#39

Methylcyclohexane

Concen: 20.927 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

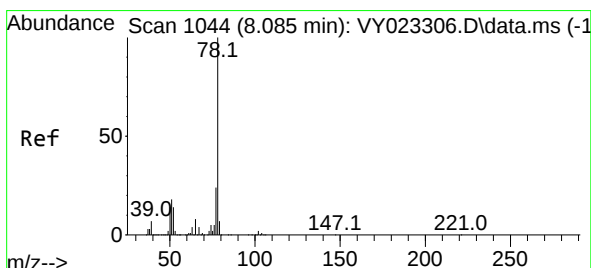
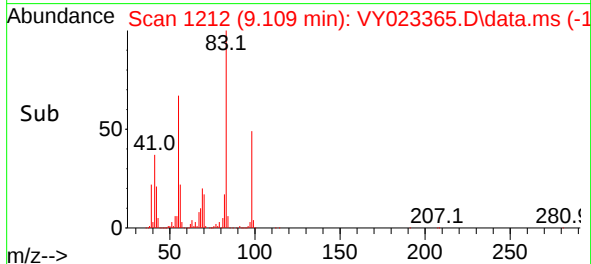
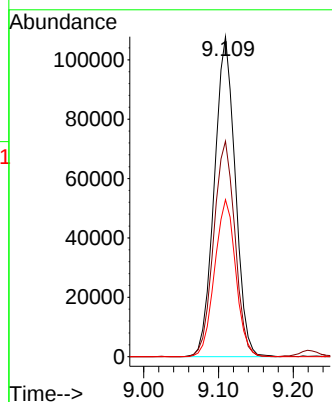
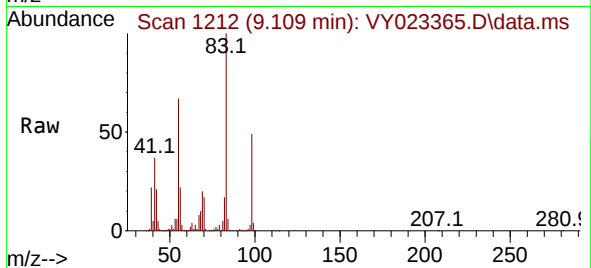
Tgt Ion: 83 Resp: 209817

Ion Ratio Lower Upper

83 100

55 67.4 57.6 86.4

98 49.1 39.2 58.8



#40

Benzene

Concen: 20.276 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023365.D

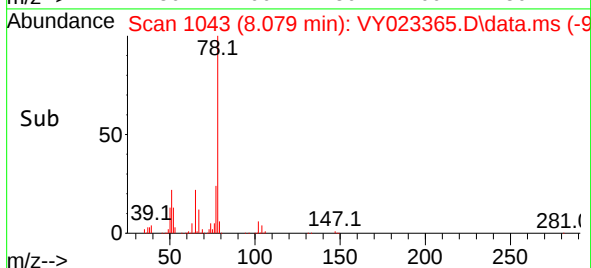
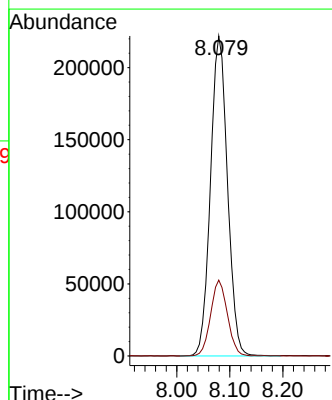
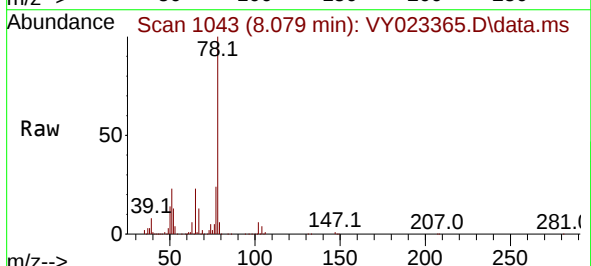
Acq: 25 Sep 2025 11:17

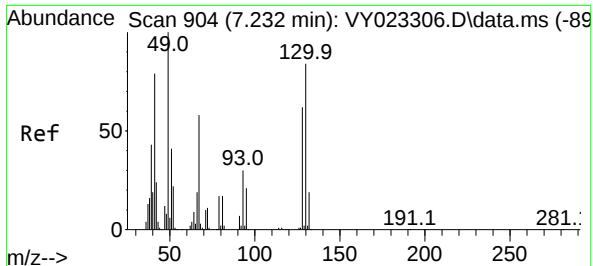
Tgt Ion: 78 Resp: 493920

Ion Ratio Lower Upper

78 100

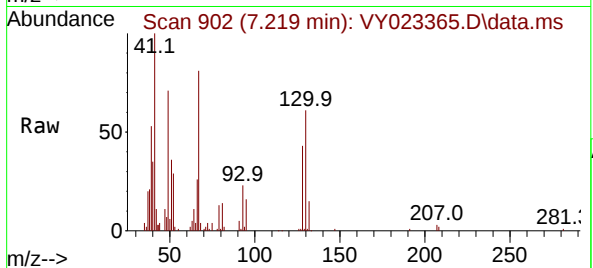
77 23.7 18.6 28.0





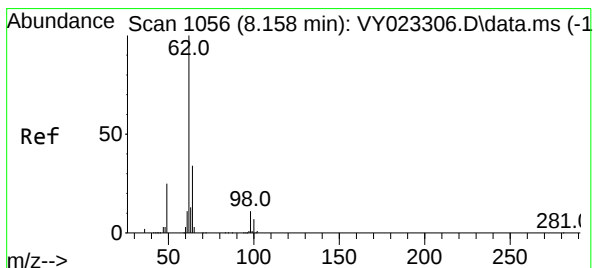
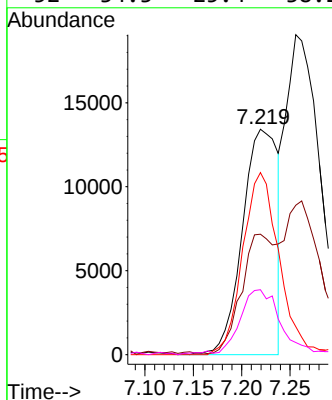
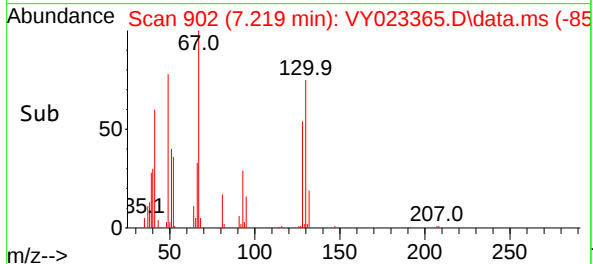
#41
Methacrylonitrile
Concen: 21.035 ug/l
RT: 7.219 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 33959

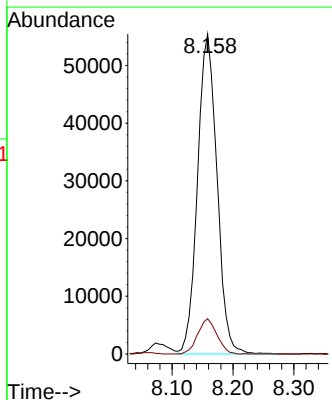
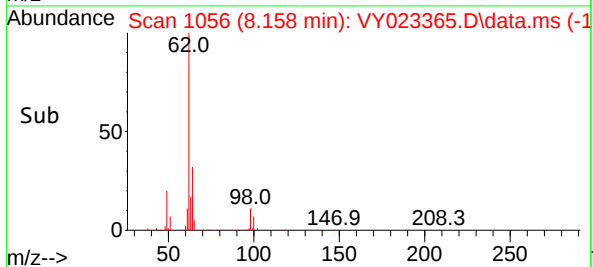
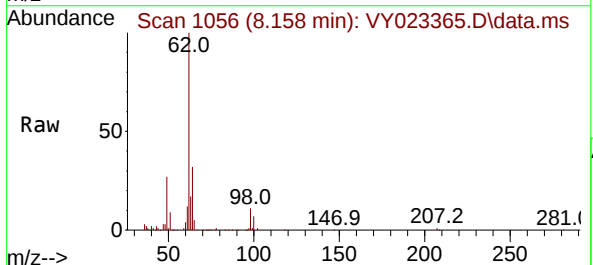
Ion	Ratio	Lower	Upper
41	100		
39	46.2	43.4	65.2
67	83.9	63.6	95.4
52	34.3	25.4	38.2

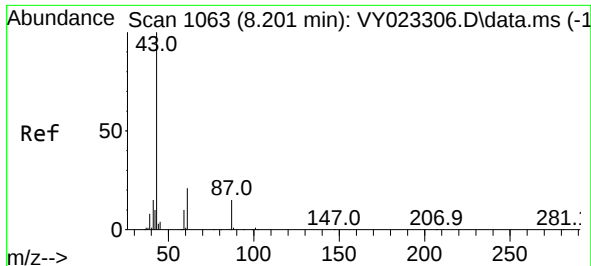


#42
1,2-Dichloroethane
Concen: 19.854 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 62 Resp: 123135

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6

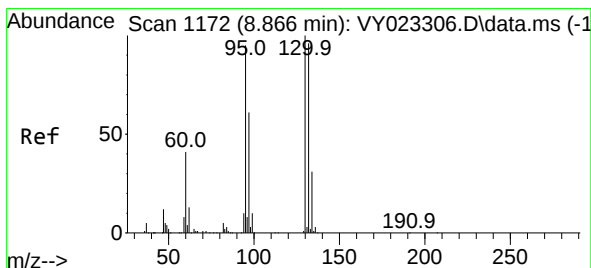
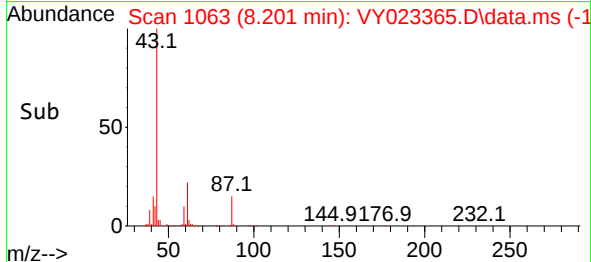
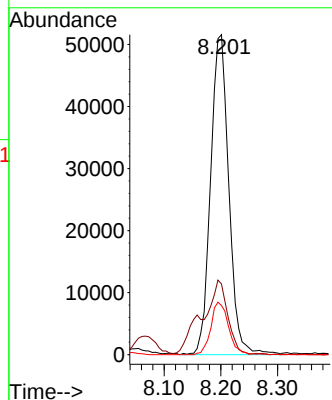
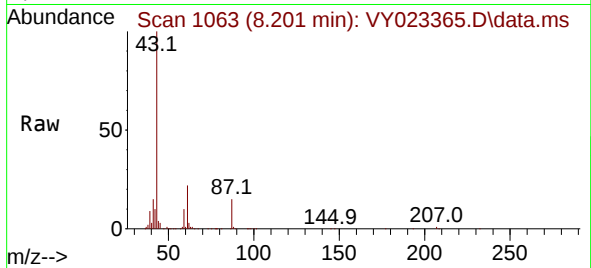




#43
Isopropyl Acetate
Concen: 19.012 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

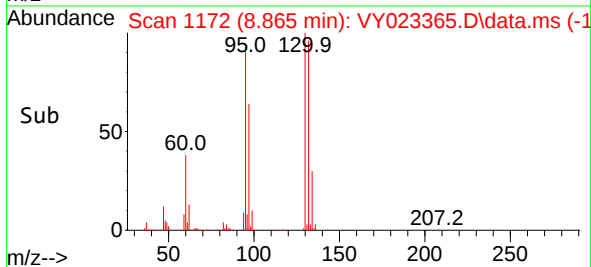
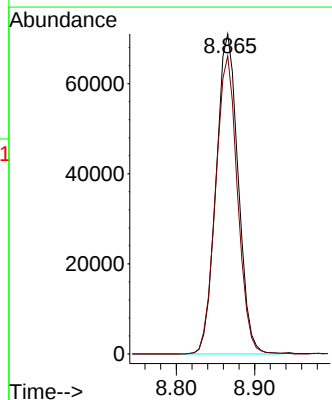
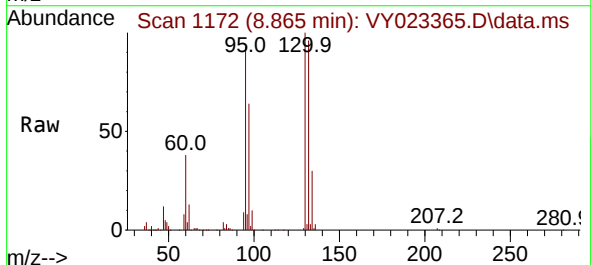
Instrument :
MSVOA_Y
ClientSampleId :

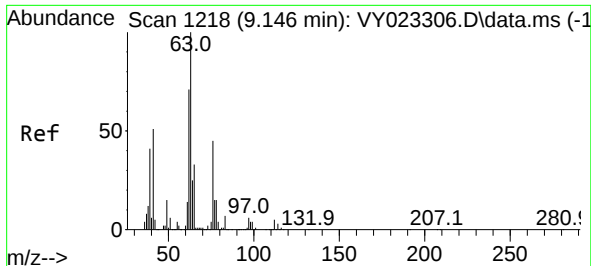
Tgt Ion: 43 Resp: 115282
Ion Ratio Lower Upper
43 100
61 21.7 16.4 24.6
87 15.9 11.8 17.6



#44
Trichloroethene
Concen: 20.490 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion:130 Resp: 139028
Ion Ratio Lower Upper
130 100
95 93.2 0.0 190.2

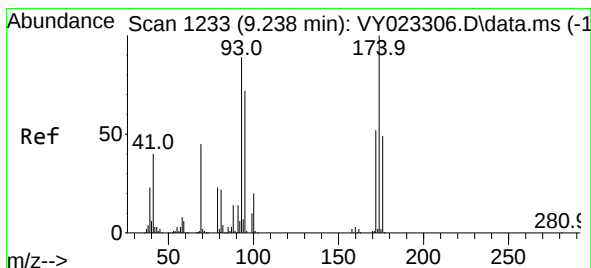
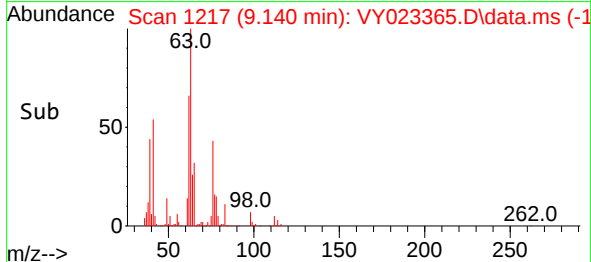
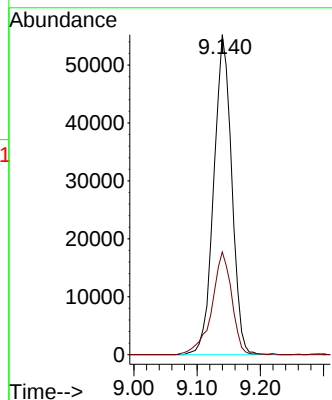
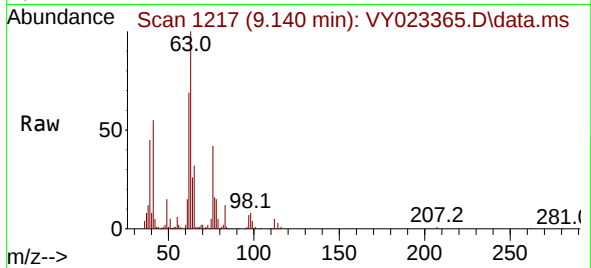




#45
1,2-Dichloropropane
Concen: 19.728 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

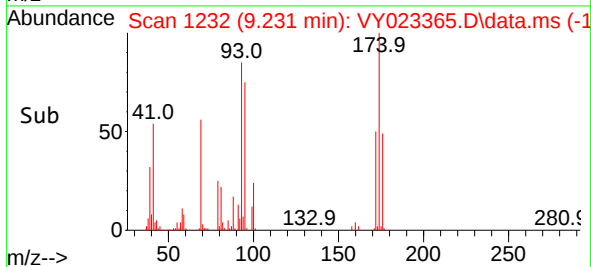
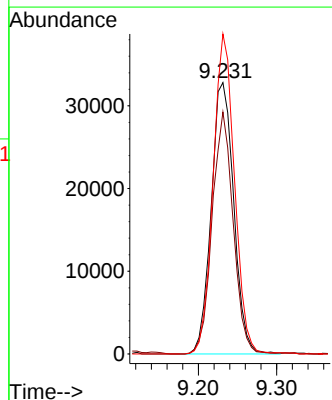
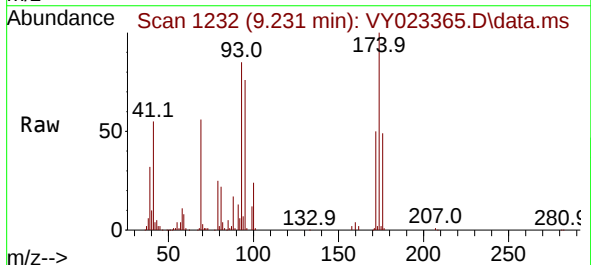
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 108534
Ion Ratio Lower Upper
63 100
65 32.1 25.3 37.9



#46
Dibromomethane
Concen: 19.579 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 93 Resp: 65598
Ion Ratio Lower Upper
93 100
95 83.1 66.5 99.7
174 112.0 81.8 122.8

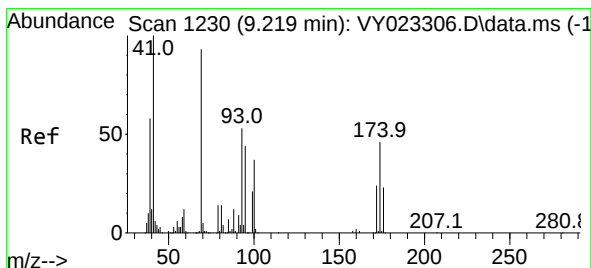
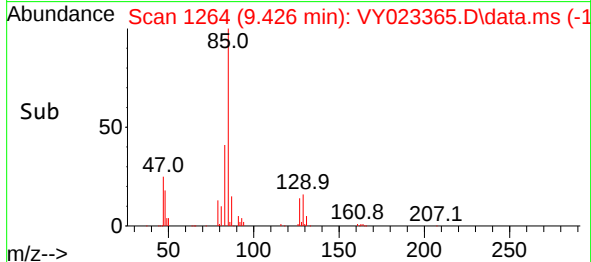
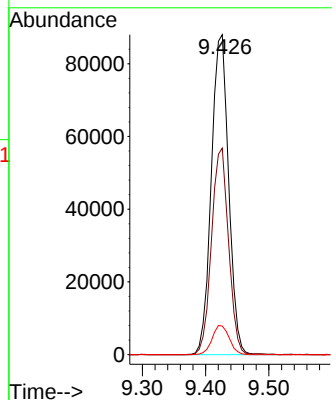
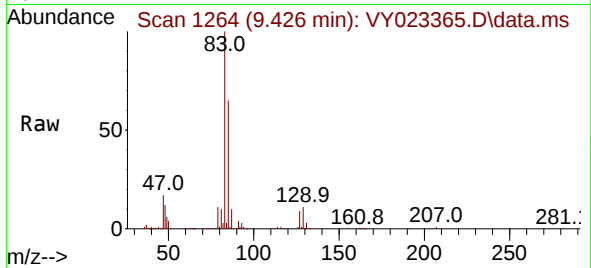




#47
Bromodichloromethane
Concen: 19.815 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

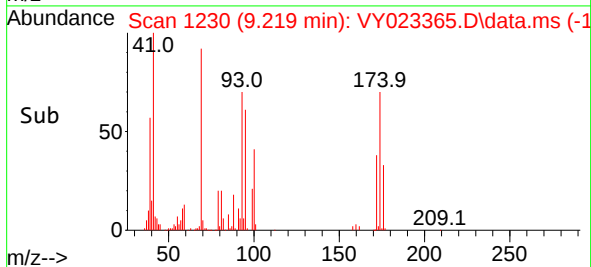
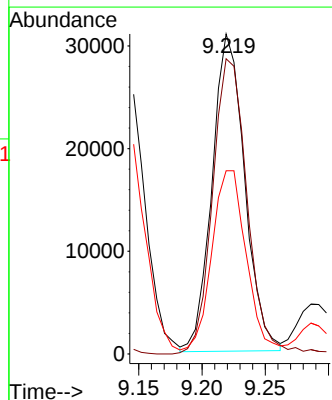
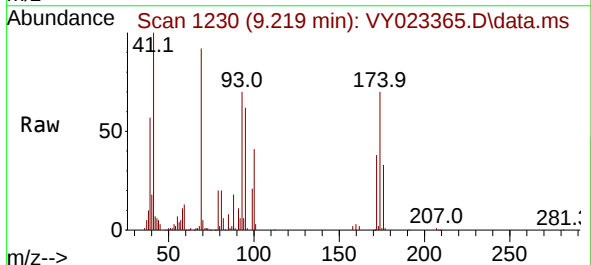
Instrument :
MSVOA_Y
ClientSampleId :

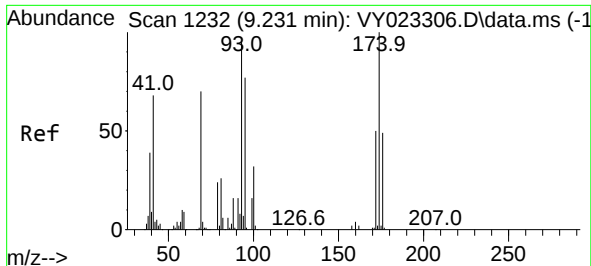
Tgt Ion: 83 Resp: 167015
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.4
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 19.592 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 41 Resp: 55373
Ion Ratio Lower Upper
41 100
69 98.9 73.2 109.8
39 58.9 47.0 70.4

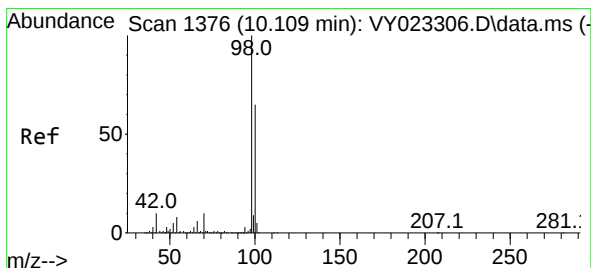
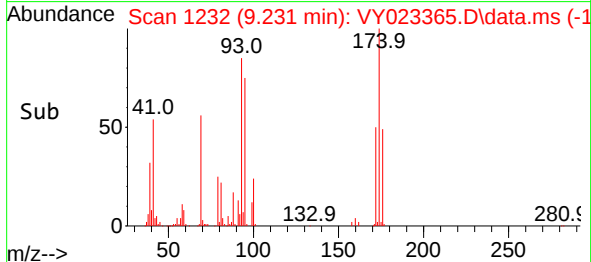
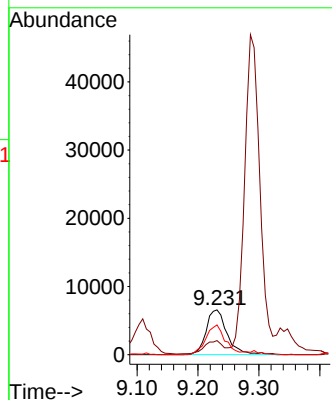
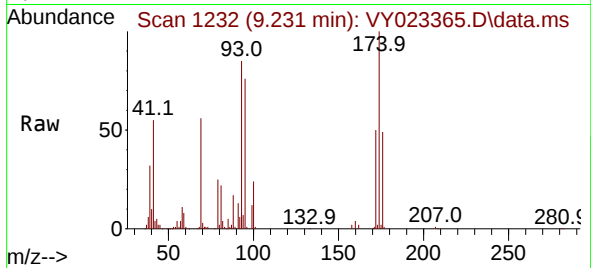




#49
1,4-Dioxane
Concen: 462.192 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

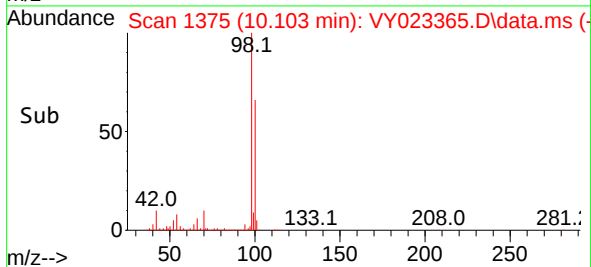
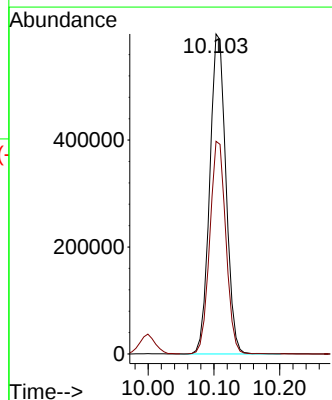
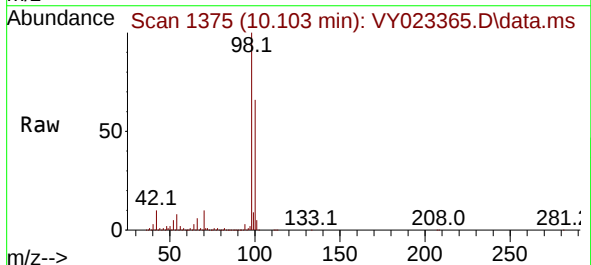
Instrument :
MSVOA_Y
ClientSampleId :

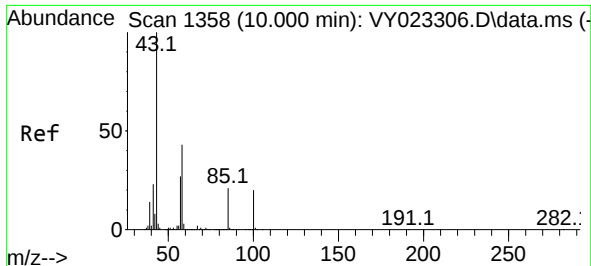
Tgt Ion: 88 Resp: 15719
Ion Ratio Lower Upper
88 100
43 24.5 24.3 36.5
58 61.8 55.4 83.0



#50
Toluene-d8
Concen: 49.214 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 98 Resp: 1022544
Ion Ratio Lower Upper
98 100
100 66.3 52.3 78.5

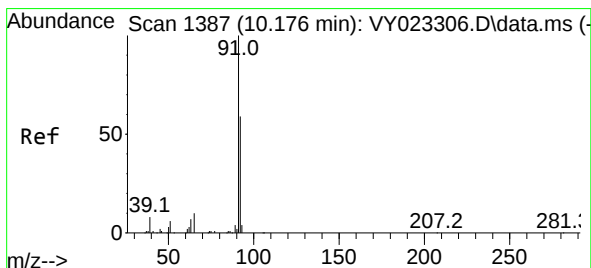
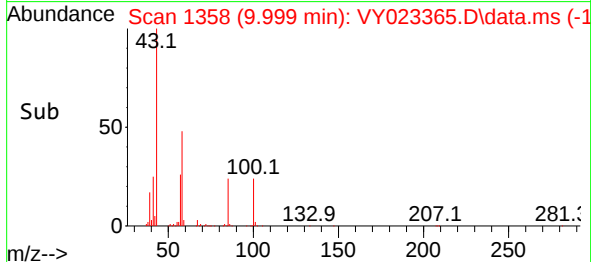
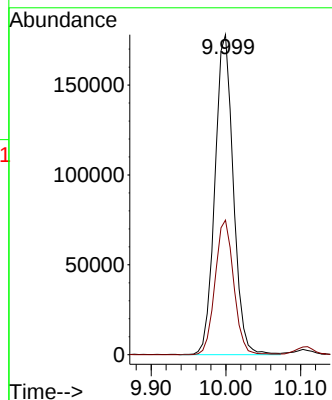
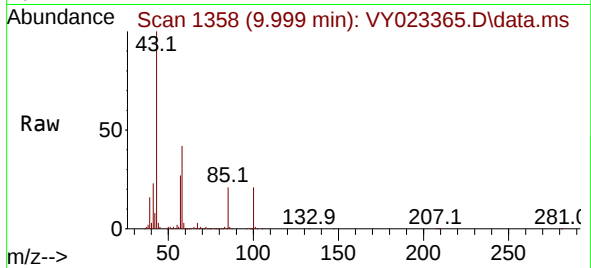




#51
4-Methyl-2-Pentanone
Concen: 98.240 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

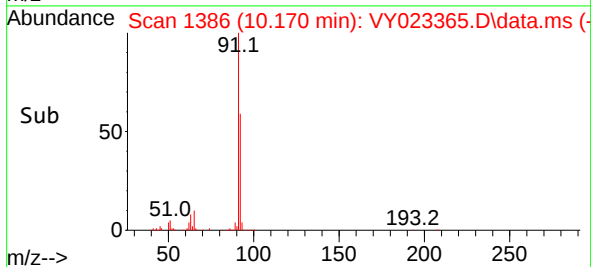
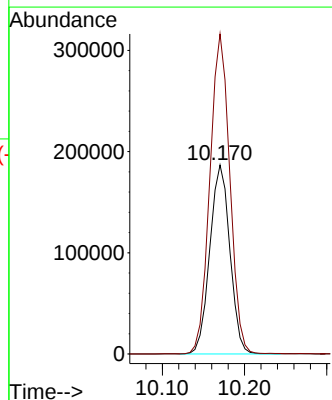
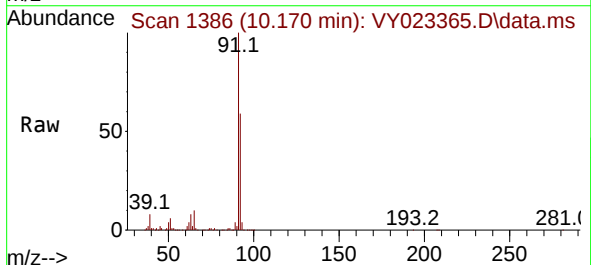
Instrument :
MSVOA_Y
ClientSampleId :

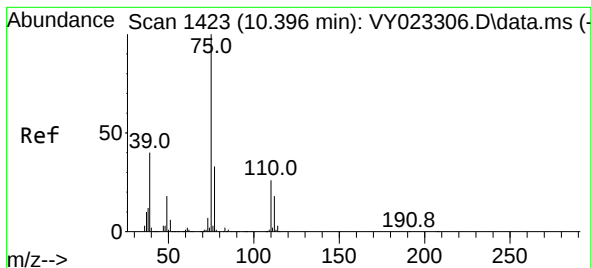
Tgt Ion: 43 Resp: 304753
Ion Ratio Lower Upper
43 100
58 42.7 33.5 50.3



#52
Toluene
Concen: 20.440 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 92 Resp: 315978
Ion Ratio Lower Upper
92 100
91 168.6 136.4 204.6

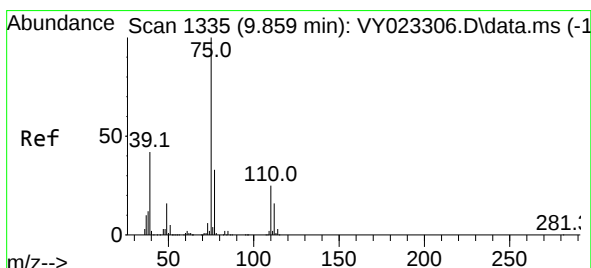
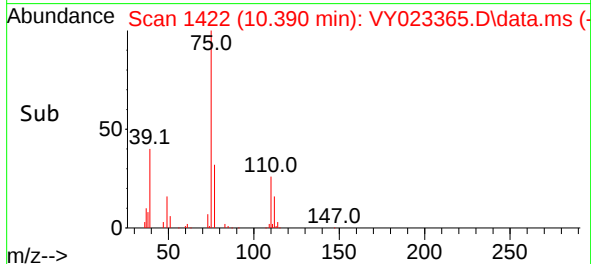
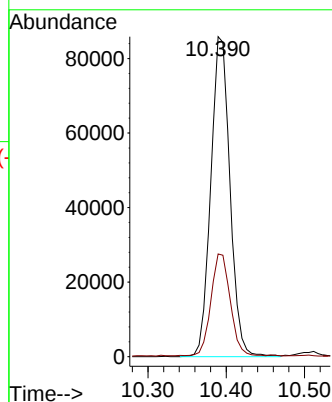
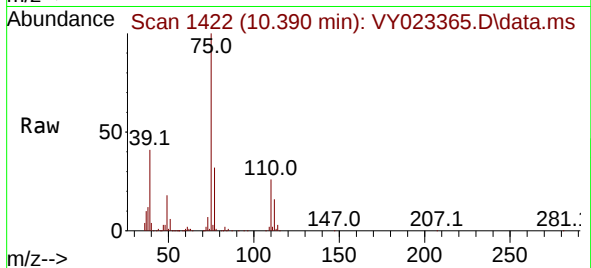




#53
 t-1,3-Dichloropropene
 Concen: 20.124 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023365.D
 Acq: 25 Sep 2025 11:17

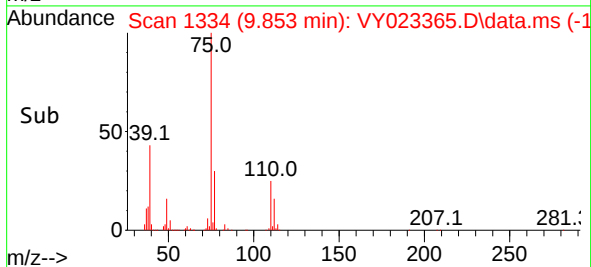
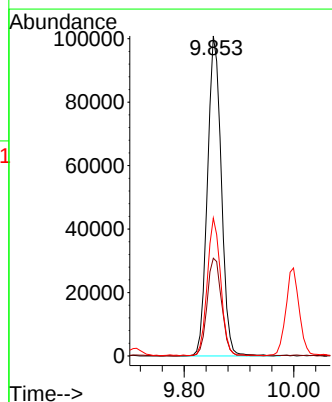
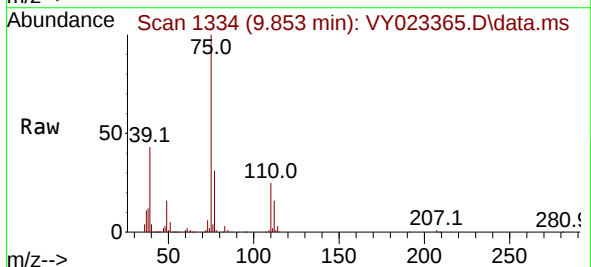
Instrument :
 MSVOA_Y
 ClientSampleId :

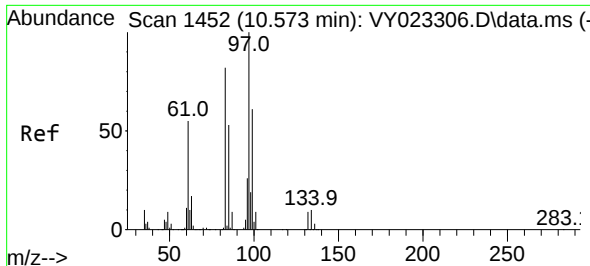
Tgt Ion: 75 Resp: 146036
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.352 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023365.D
 Acq: 25 Sep 2025 11:17

Tgt Ion: 75 Resp: 176473
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0
 39 43.0 35.6 53.4

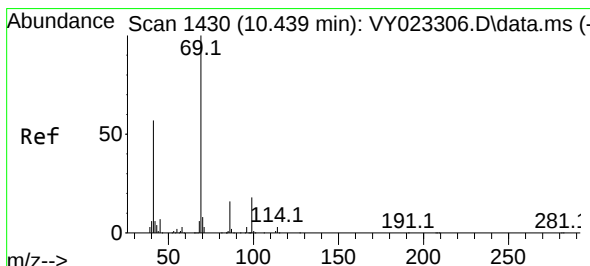
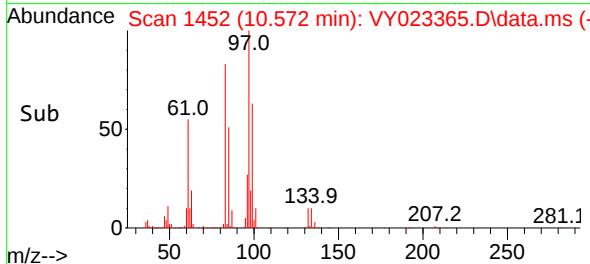
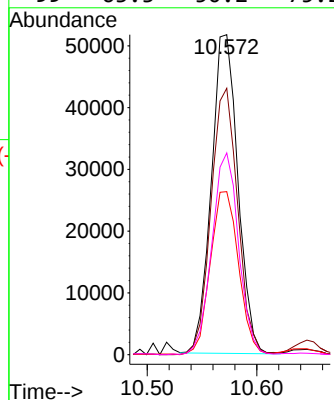
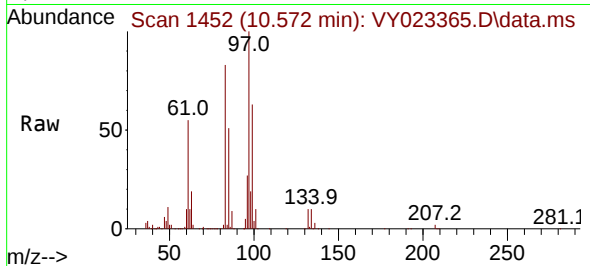




#55
1,1,2-Trichloroethane
Concen: 19.510 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

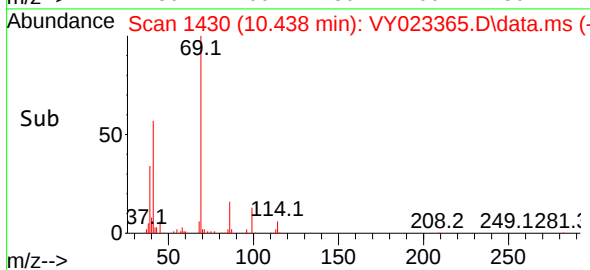
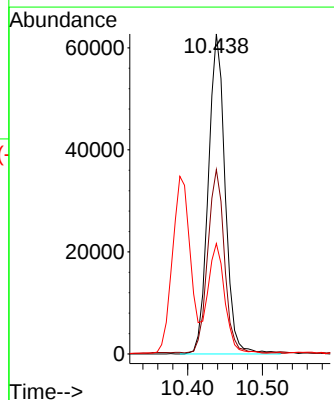
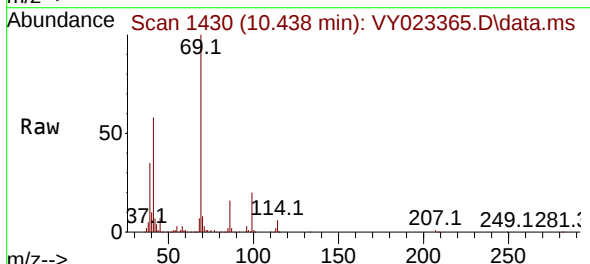
Instrument :
MSVOA_Y
ClientSampleId :

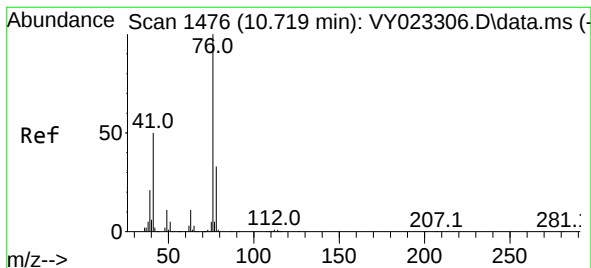
Tgt Ion: 97	Resp: 86951
Ion Ratio	Lower Upper
97 100	
83 83.6	67.7 101.5
85 51.2	44.5 66.7
99 63.3	50.2 75.2



#56
Ethyl methacrylate
Concen: 19.037 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 69	Resp: 98294
Ion Ratio	Lower Upper
69 100	
41 56.5	48.6 72.8
39 34.9	27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.708 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

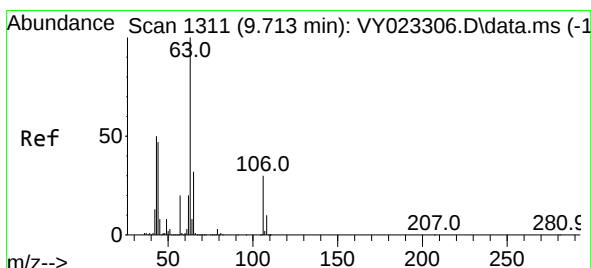
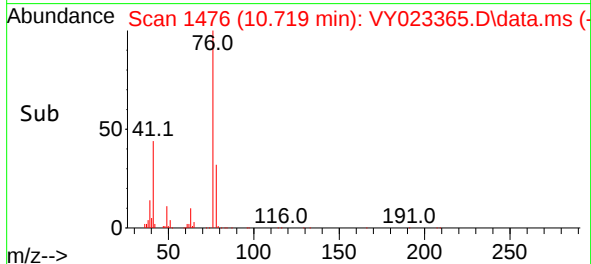
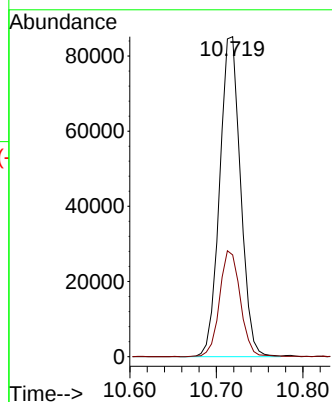
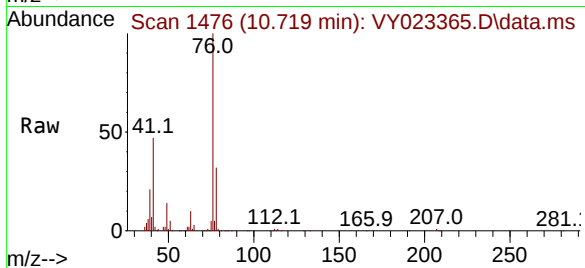
ClientSampleId :

Tgt Ion: 76 Resp: 142592

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 88.789 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023365.D

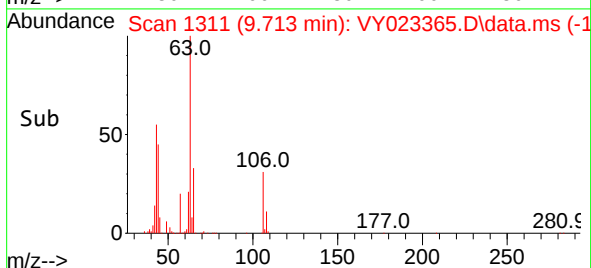
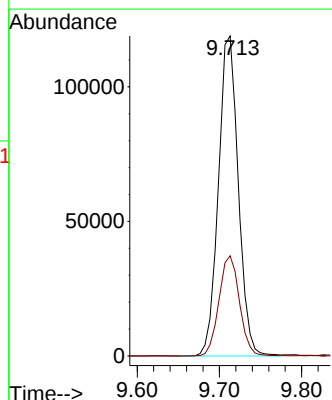
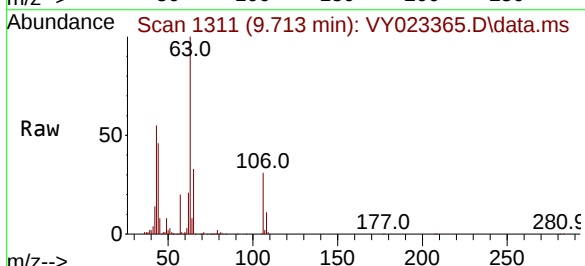
Acq: 25 Sep 2025 11:17

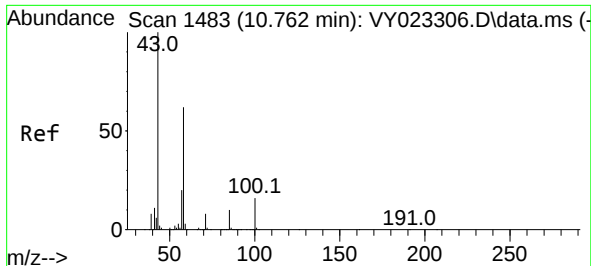
Tgt Ion: 63 Resp: 199812

Ion Ratio Lower Upper

63 100

106 32.4 23.2 34.8

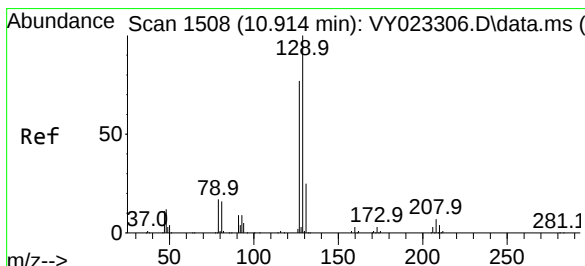
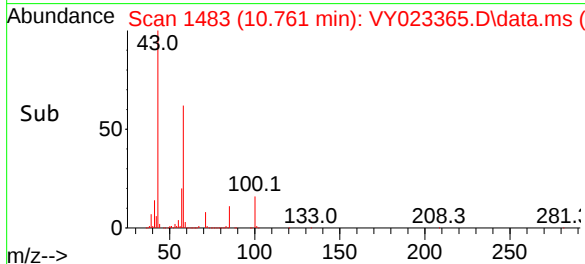
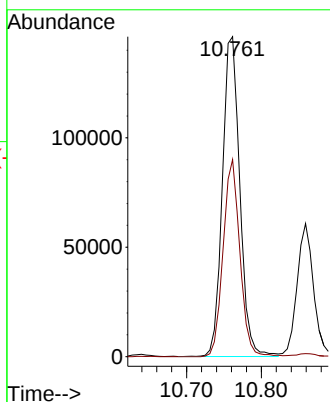
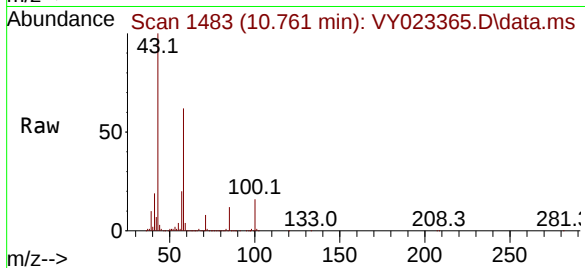




#59
2-Hexanone
Concen: 110.665 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

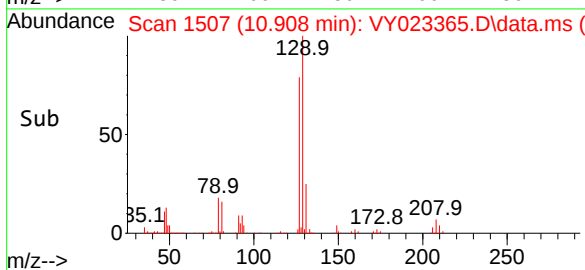
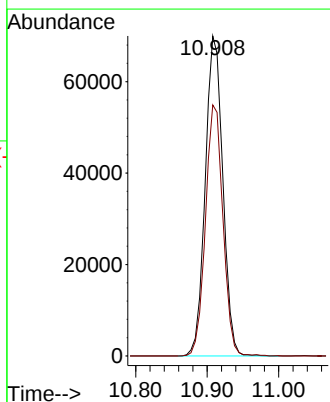
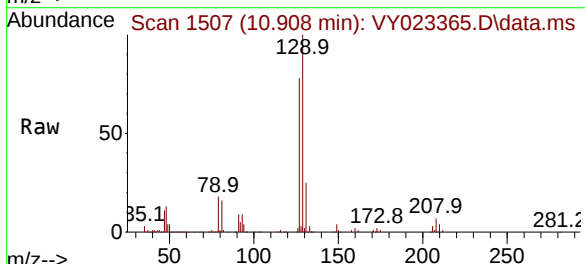
Instrument :
MSVOA_Y
ClientSampleId :

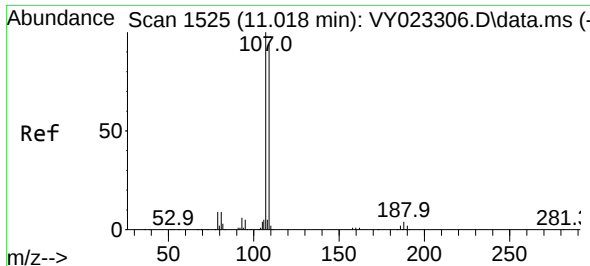
Tgt Ion: 43 Resp: 237323
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5



#60
Dibromochloromethane
Concen: 19.728 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 129 Resp: 119292
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

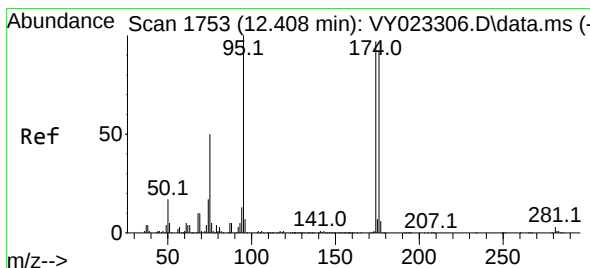
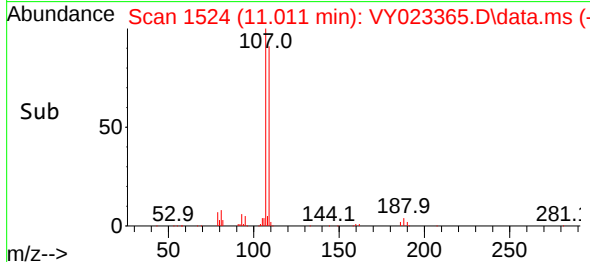
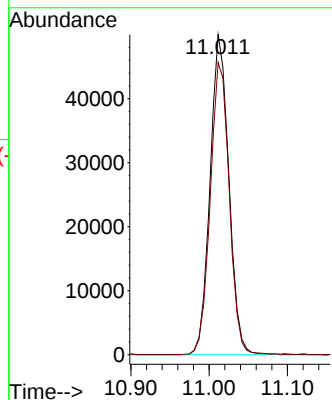
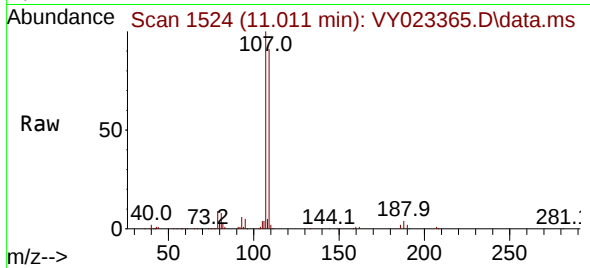




#61
1,2-Dibromoethane
Concen: 19.900 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

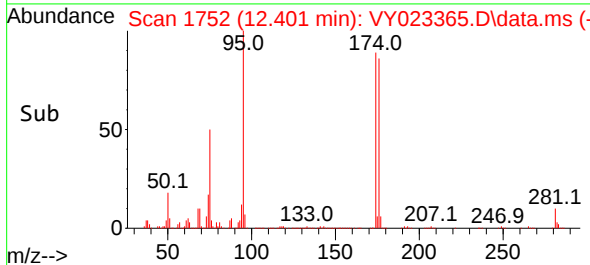
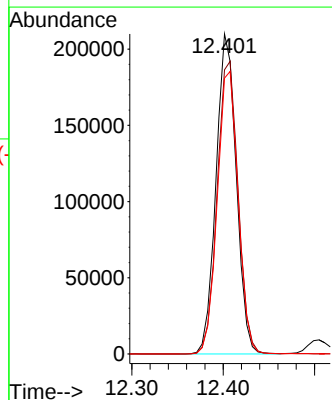
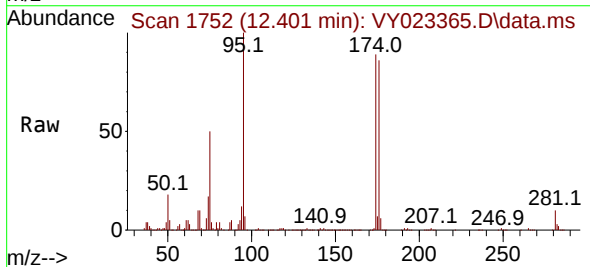
Instrument :
MSVOA_Y
ClientSampleId :

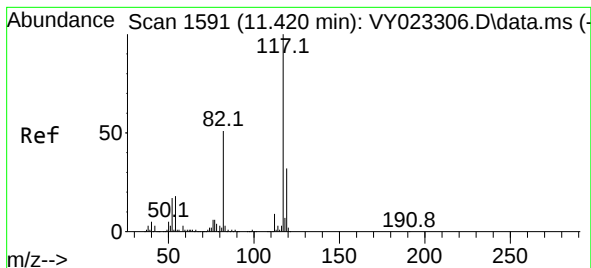
Tgt Ion:107 Resp: 83105
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.401 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 95 Resp: 323016
Ion Ratio Lower Upper
95 100
174 95.0 0.0 171.6
176 91.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

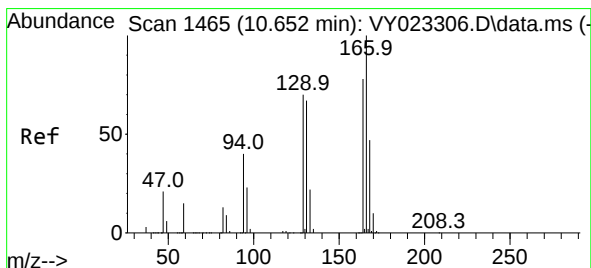
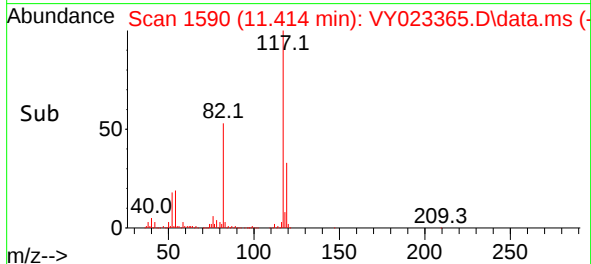
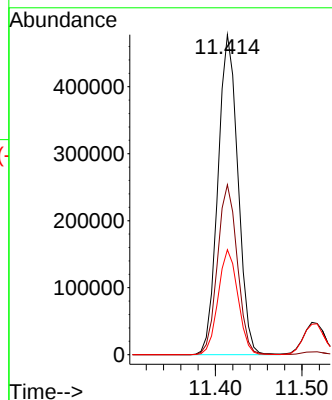
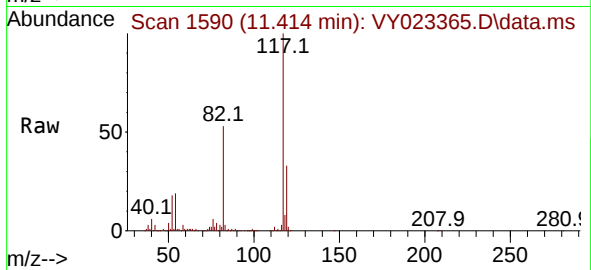
Tgt Ion:117 Resp: 766959

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 20.790 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Tgt Ion:164 Resp: 158921

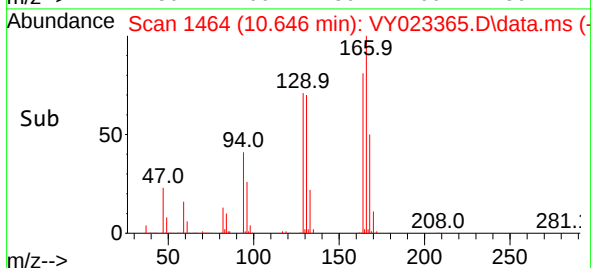
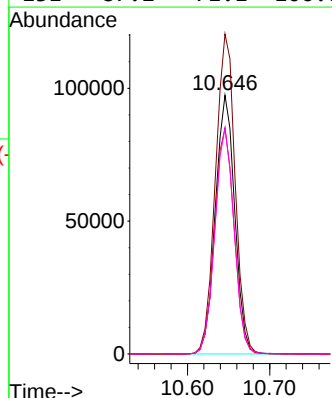
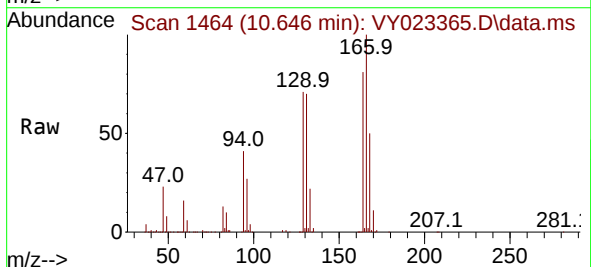
Ion Ratio Lower Upper

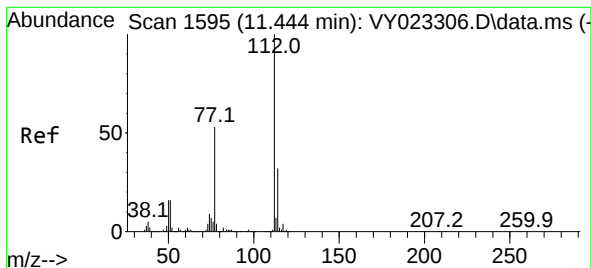
164 100

166 123.7 101.1 151.7

129 87.4 74.0 111.0

131 87.2 71.1 106.7





#65

Chlorobenzene

Concen: 20.746 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

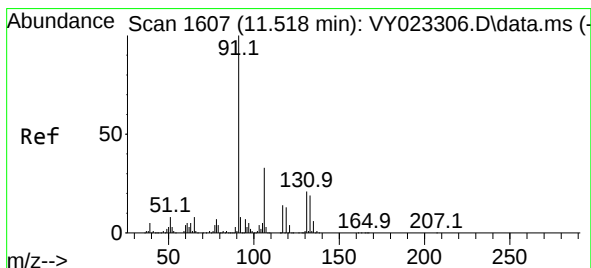
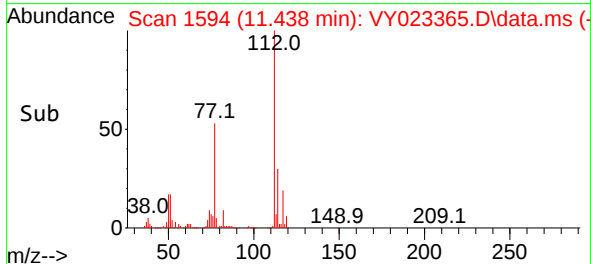
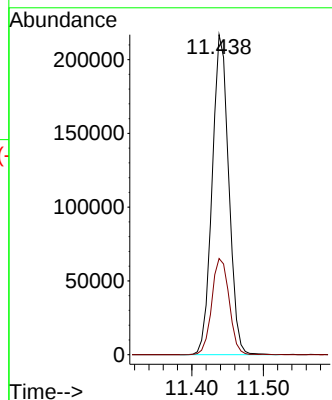
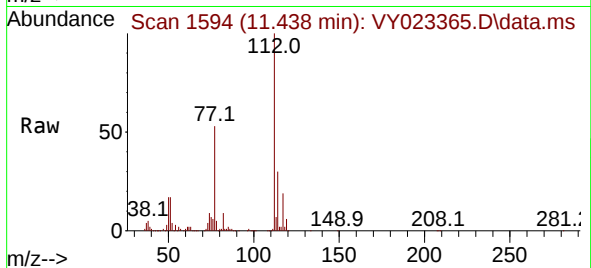
ClientSampleId :

Tgt Ion:112 Resp: 348582

Ion Ratio Lower Upper

112 100

114 30.1 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.586 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

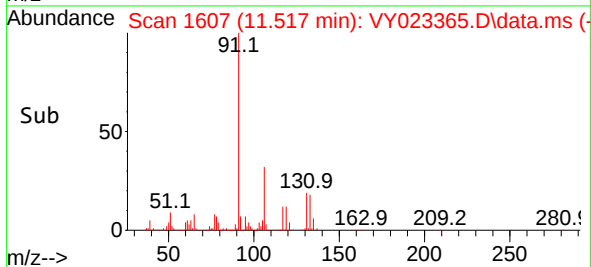
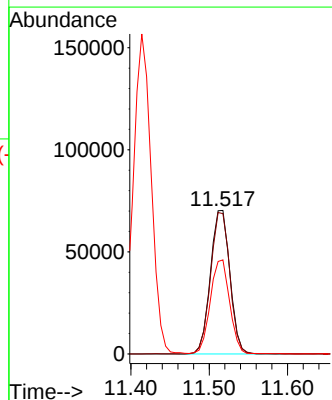
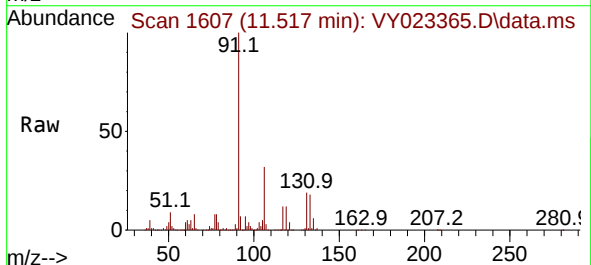
Tgt Ion:131 Resp: 121408

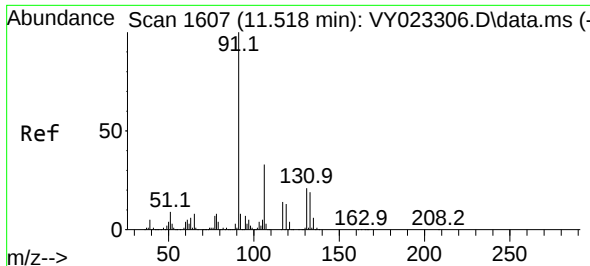
Ion Ratio Lower Upper

131 100

133 97.8 46.9 140.6

119 64.7 33.2 99.6





#67

Ethyl Benzene

Concen: 21.043 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

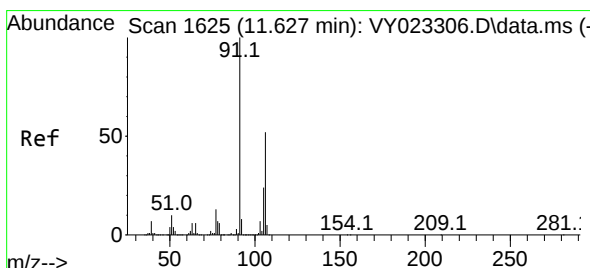
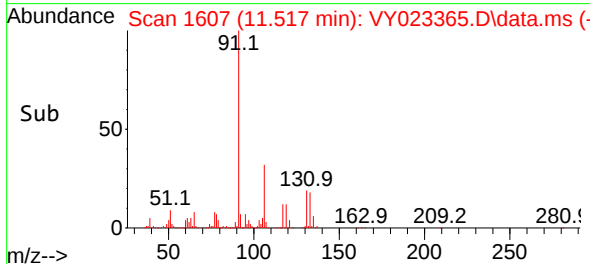
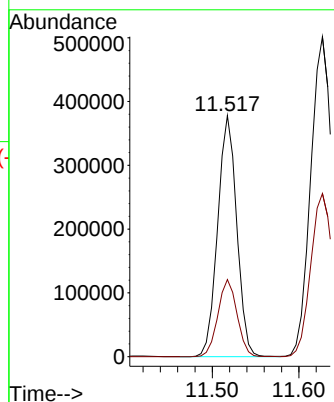
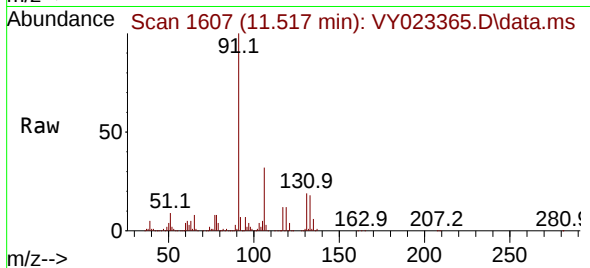
ClientSampleId :

Tgt Ion: 91 Resp: 577616

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.4



#68

m/p-Xylenes

Concen: 42.003 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023365.D

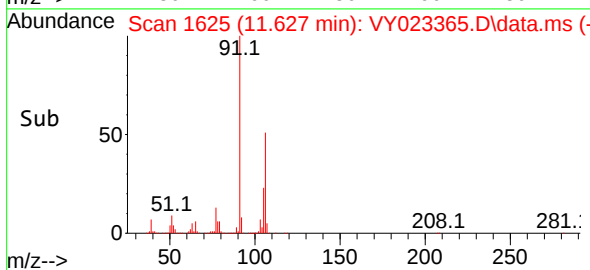
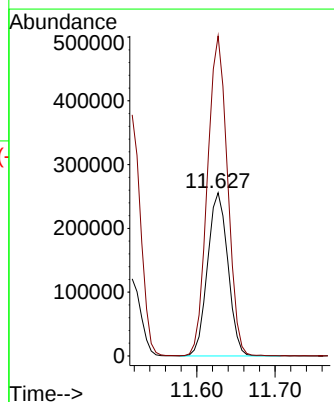
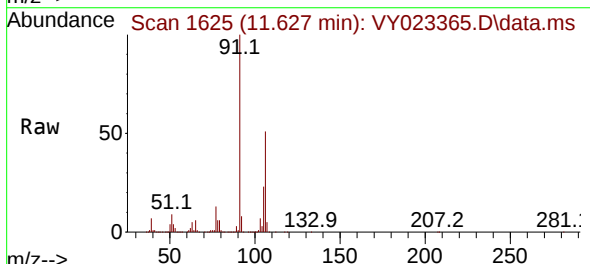
Acq: 25 Sep 2025 11:17

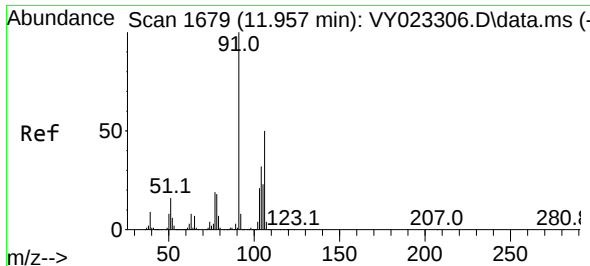
Tgt Ion:106 Resp: 461675

Ion Ratio Lower Upper

106 100

91 193.3 158.6 238.0

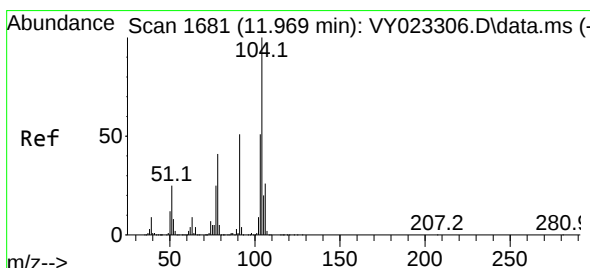
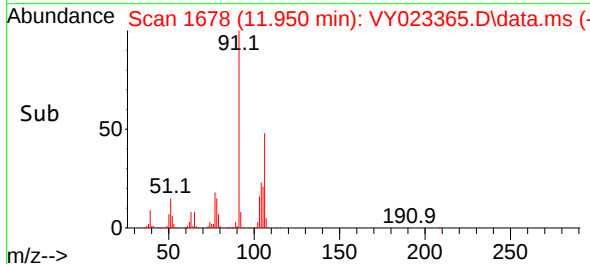
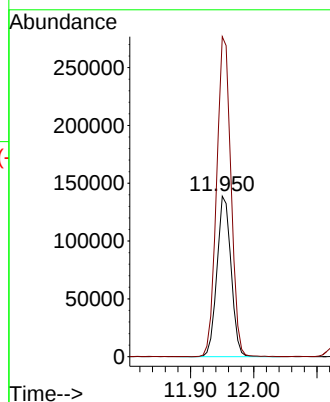
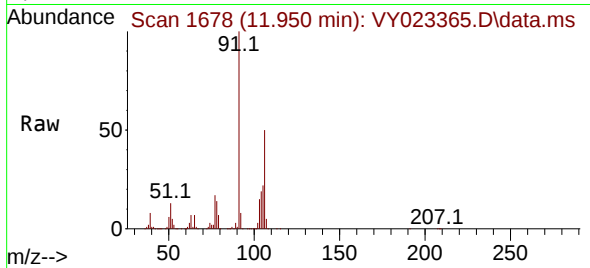




#69
o-Xylene
Concen: 21.024 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

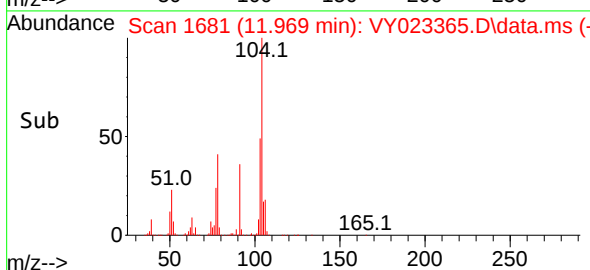
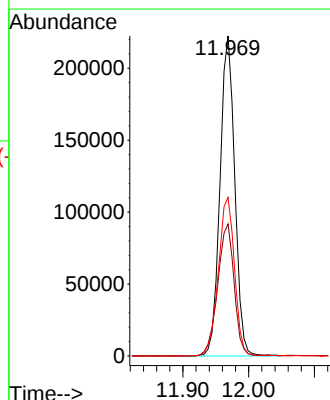
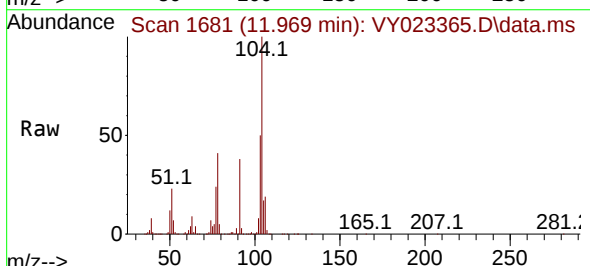
Instrument :
MSVOA_Y
ClientSampleId :

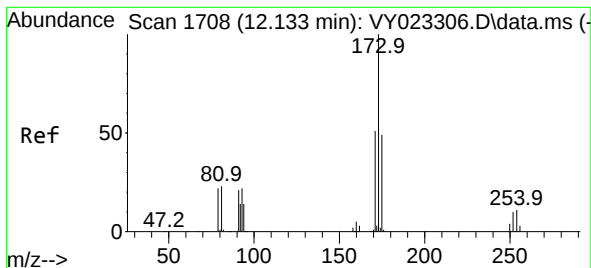
Tgt Ion:106 Resp: 213922
Ion Ratio Lower Upper
106 100
91 203.0 103.2 309.4



#70
Styrene
Concen: 20.660 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion:104 Resp: 348399
Ion Ratio Lower Upper
104 100
78 45.9 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 20.488 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

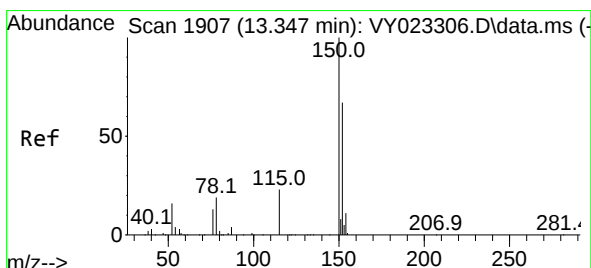
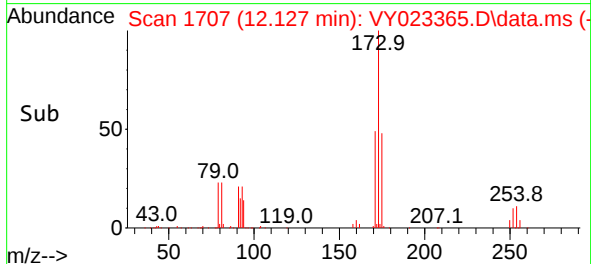
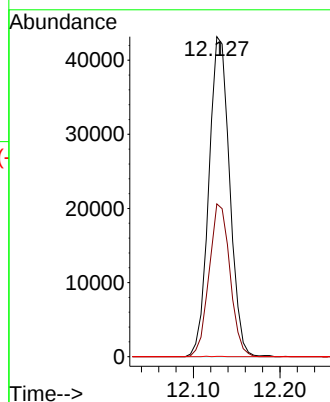
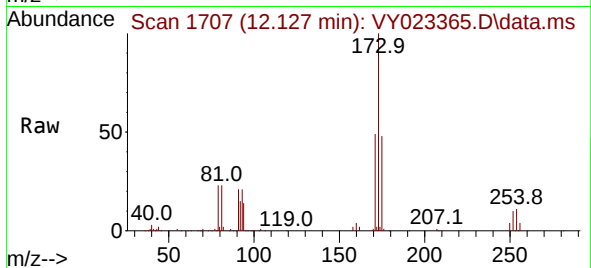
Tgt Ion:173 Resp: 71954

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

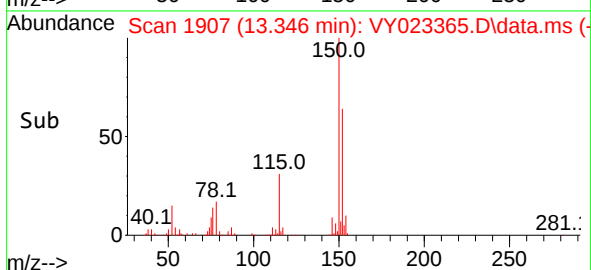
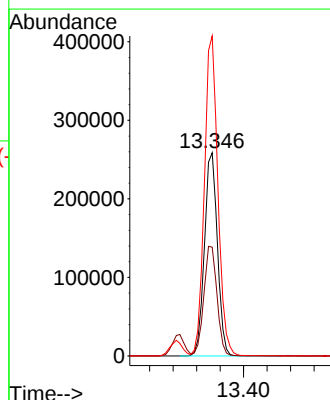
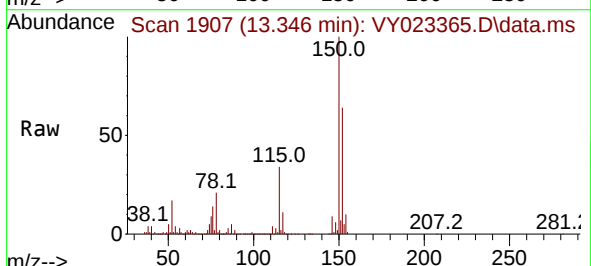
Tgt Ion:152 Resp: 395796

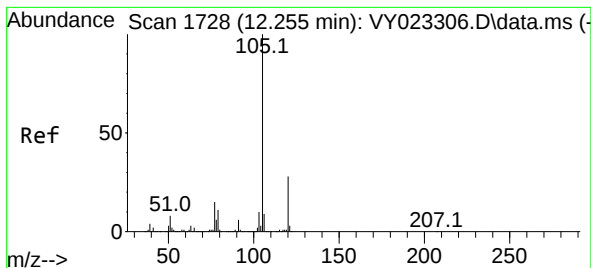
Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.6

150 163.4 0.0 348.0





#73

Isopropylbenzene

Concen: 21.011 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

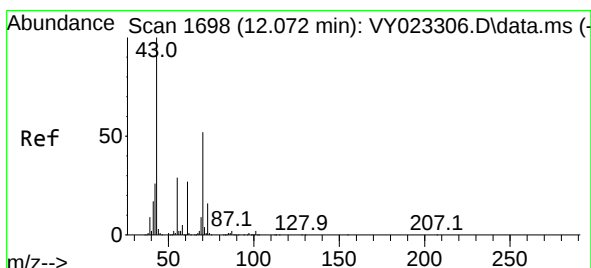
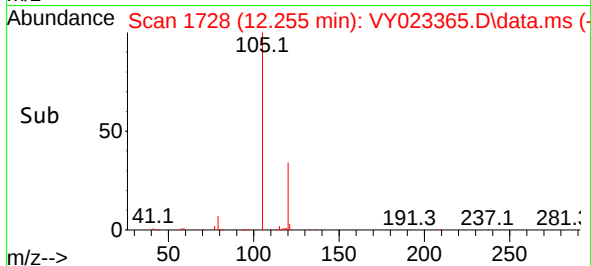
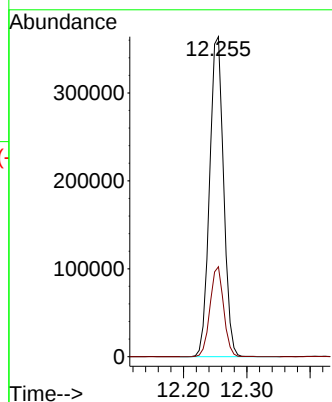
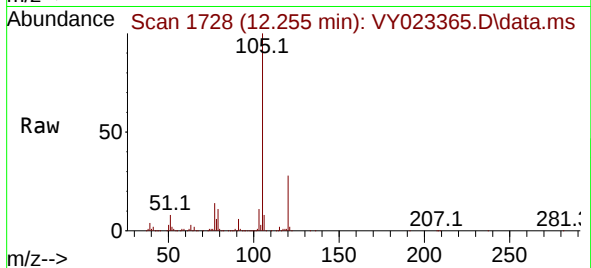
ClientSampleId :

Tgt Ion:105 Resp: 560183

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 19.168 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Tgt Ion: 43 Resp: 96595

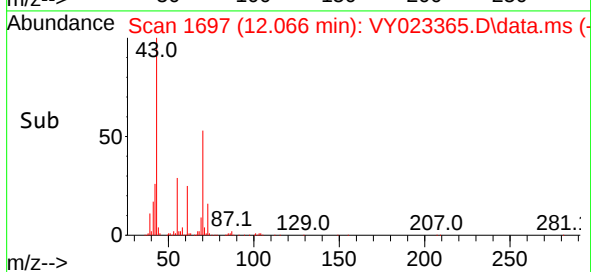
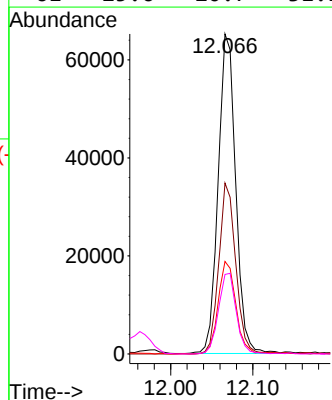
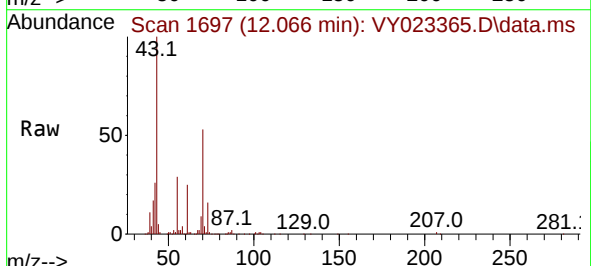
Ion Ratio Lower Upper

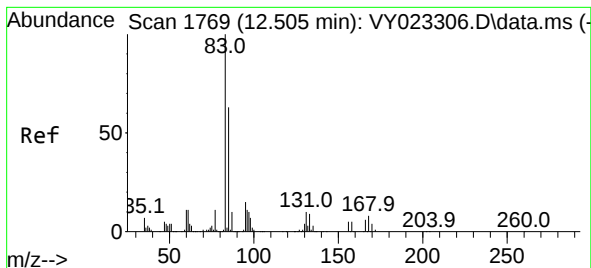
43 100

70 51.6 37.5 56.3

55 29.6 20.7 31.1

61 25.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.853 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

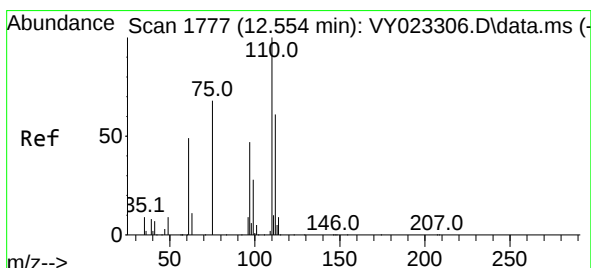
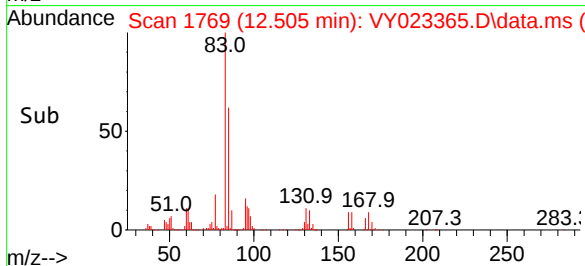
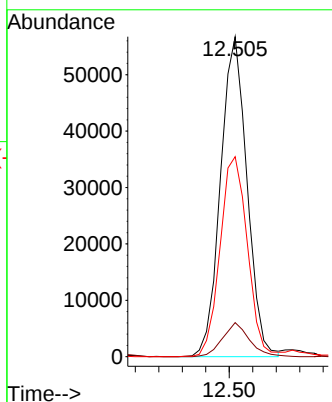
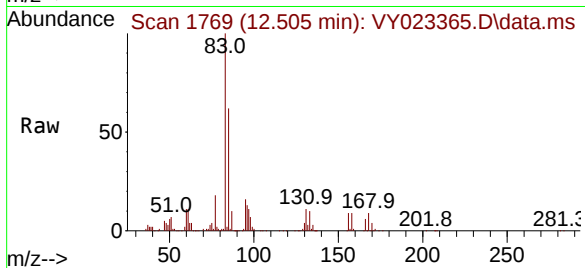
Tgt Ion: 83 Resp: 88830

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 64.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 29.675 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023365.D

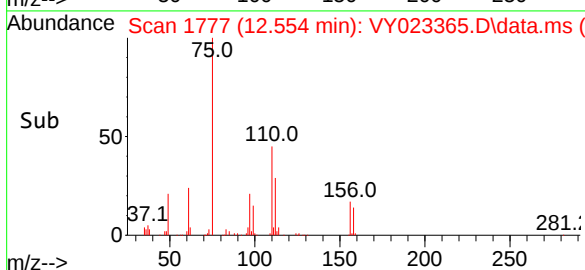
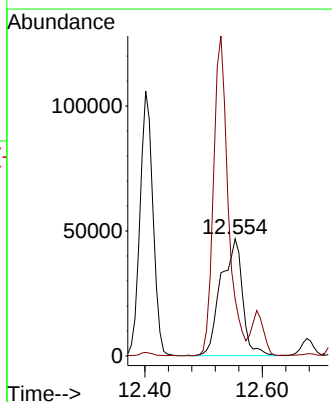
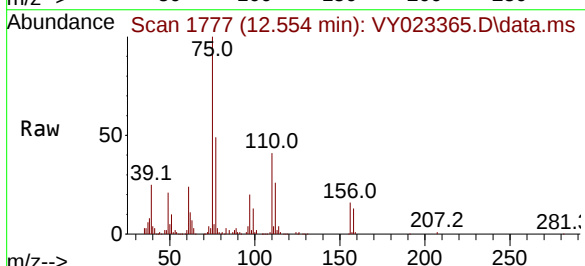
Acq: 25 Sep 2025 11:17

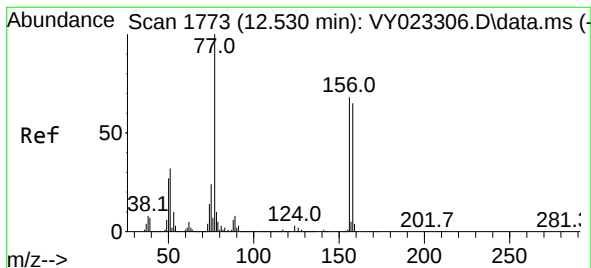
Tgt Ion: 75 Resp: 118943

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.505 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

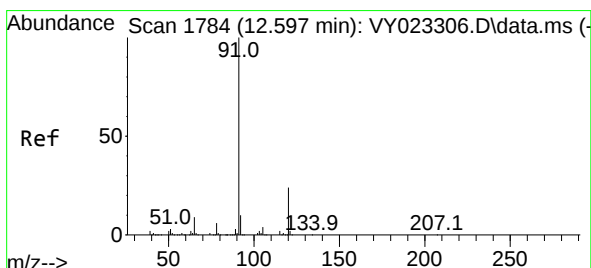
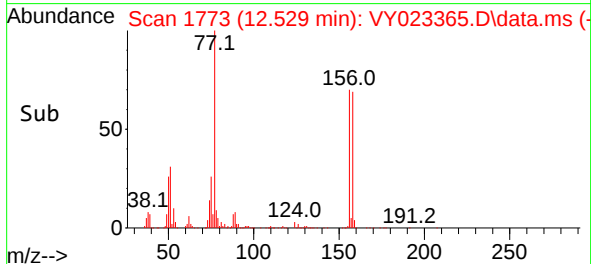
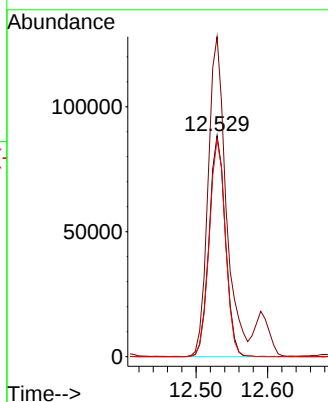
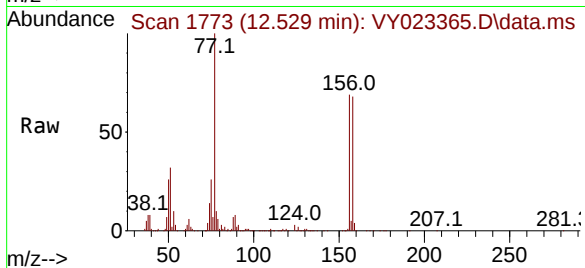
Tgt Ion:156 Resp: 139670

Ion Ratio Lower Upper

156 100

77 159.7 88.1 264.4

158 97.6 48.0 144.0



#78

n-propylbenzene

Concen: 21.054 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023365.D

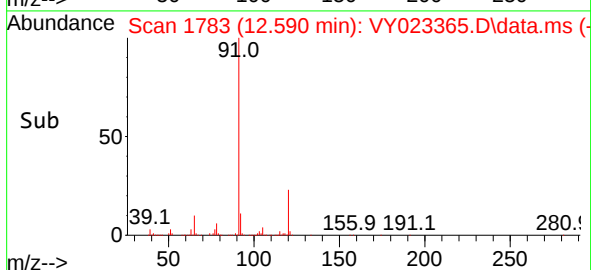
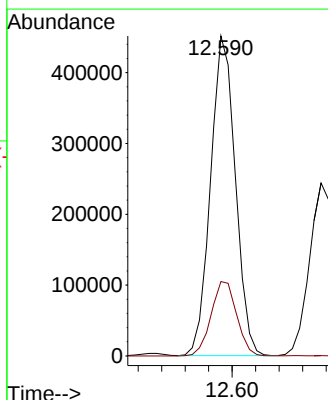
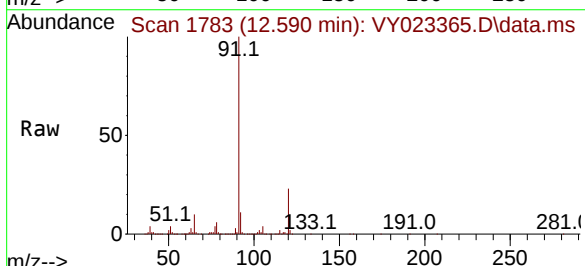
Acq: 25 Sep 2025 11:17

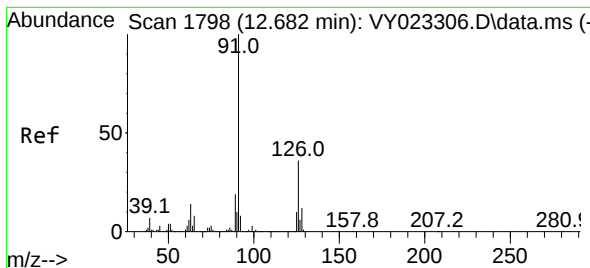
Tgt Ion: 91 Resp: 661591

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.5





#79

2-Chlorotoluene

Concen: 20.796 ug/l

RT: 12.676 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

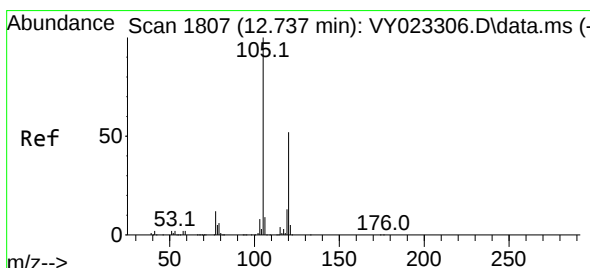
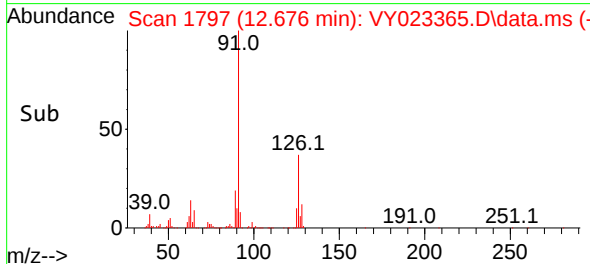
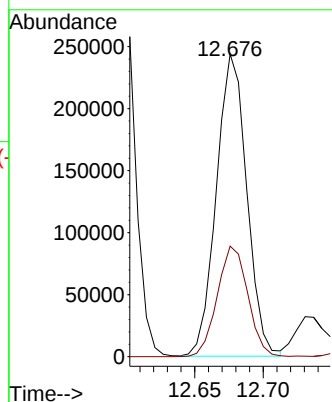
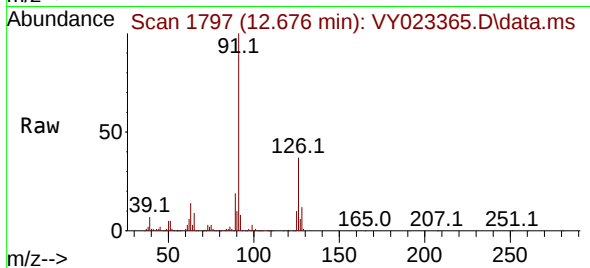
ClientSampleId :

Tgt Ion: 91 Resp: 376376

Ion Ratio Lower Upper

91 100

126 36.8 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 21.165 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023365.D

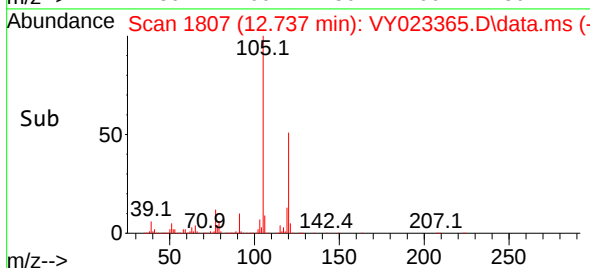
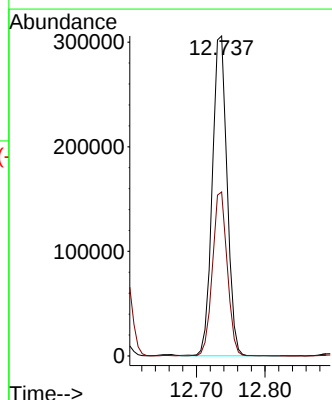
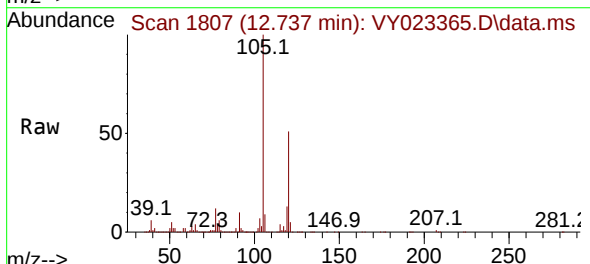
Acq: 25 Sep 2025 11:17

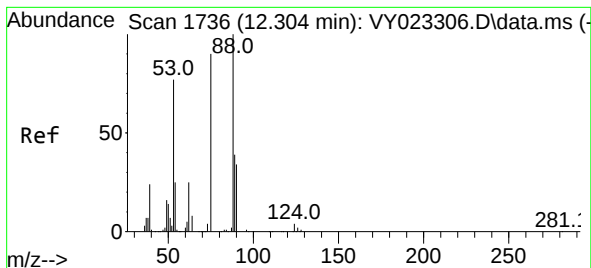
Tgt Ion:105 Resp: 458943

Ion Ratio Lower Upper

105 100

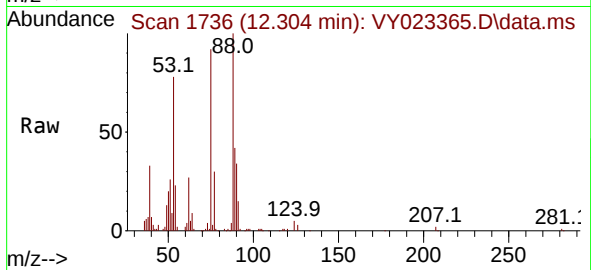
120 51.3 24.8 74.4



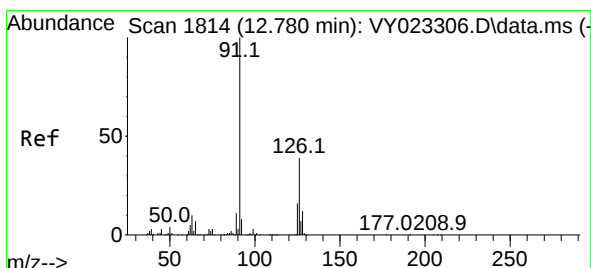
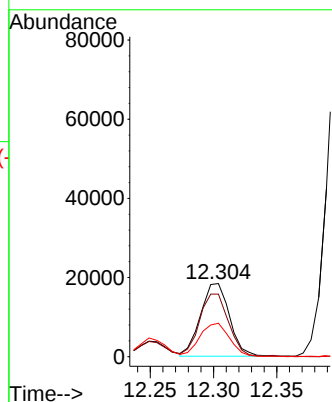
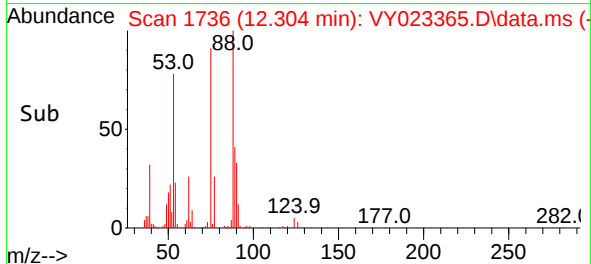


#81
trans-1,4-Dichloro-2-butene
Concen: 19.881 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Instrument :
MSVOA_Y
ClientSampleId :

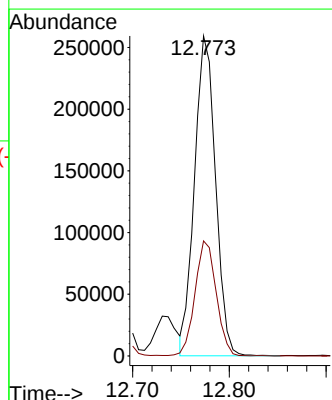
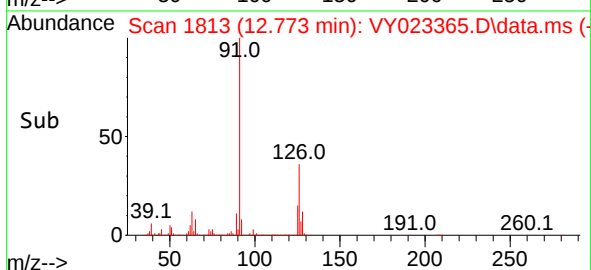
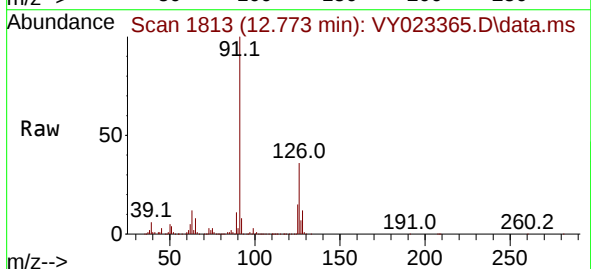


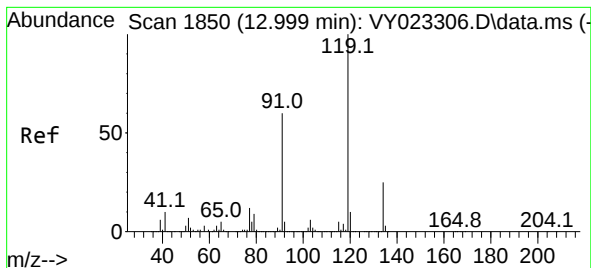
Tgt Ion: 75 Resp: 29221
Ion Ratio Lower Upper
75 100
53 85.5 70.8 106.2
89 47.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.701 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023365.D
Acq: 25 Sep 2025 11:17

Tgt Ion: 91 Resp: 392020
Ion Ratio Lower Upper
91 100
126 36.2 17.3 52.0





#83

tert-Butylbenzene

Concen: 21.581 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

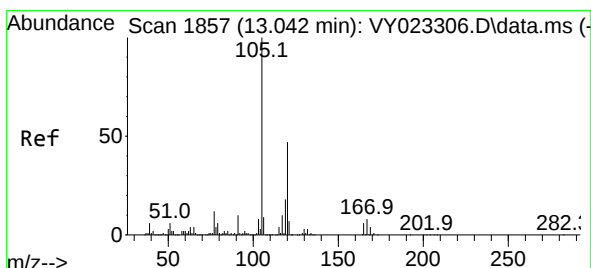
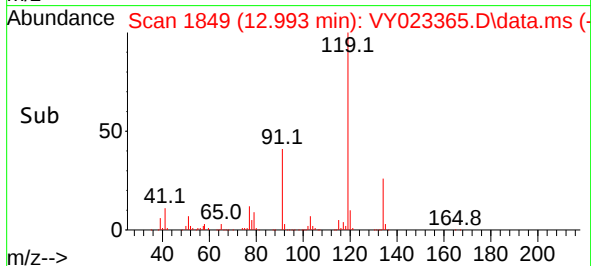
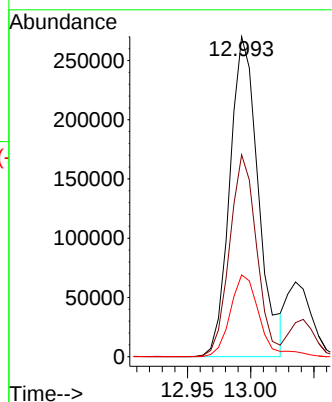
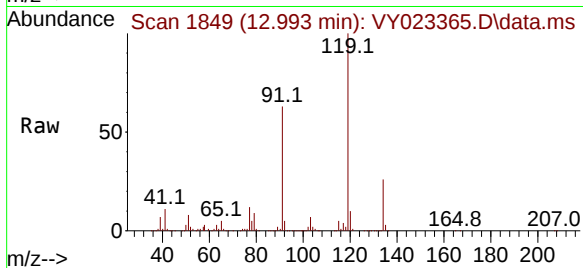
Tgt Ion:119 Resp: 423818

Ion Ratio Lower Upper

119 100

91 59.8 31.6 94.8

134 26.1 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.132 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023365.D

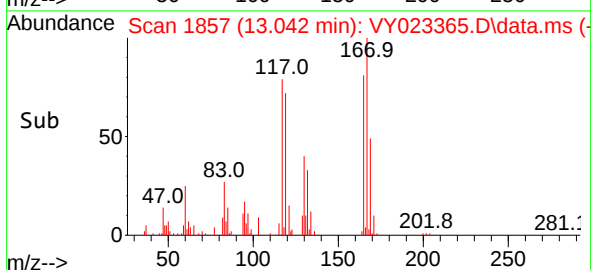
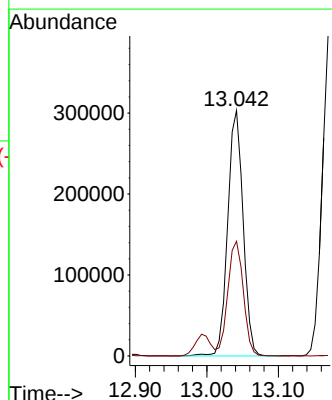
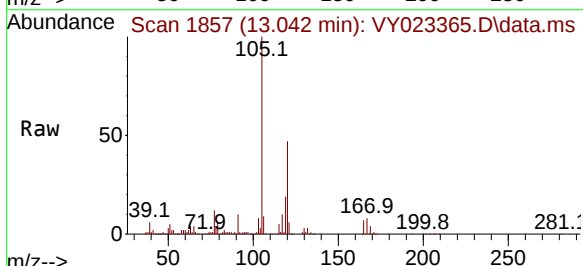
Acq: 25 Sep 2025 11:17

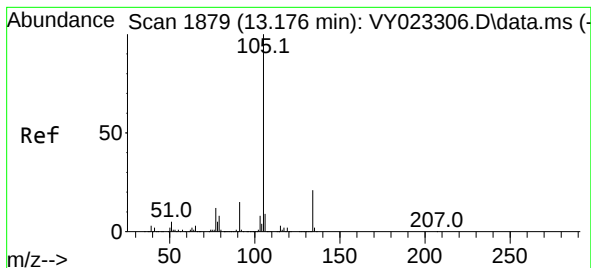
Tgt Ion:105 Resp: 453302

Ion Ratio Lower Upper

105 100

120 47.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.219 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

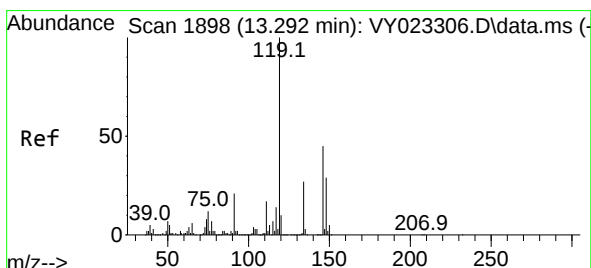
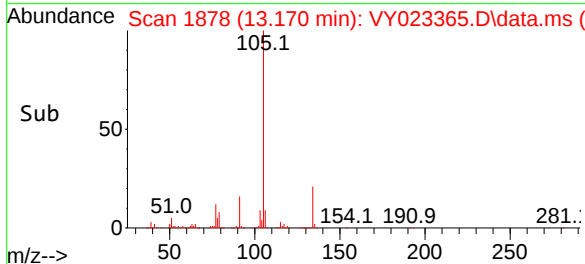
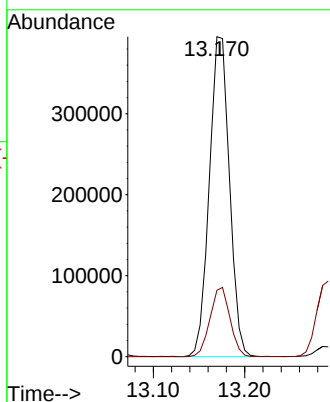
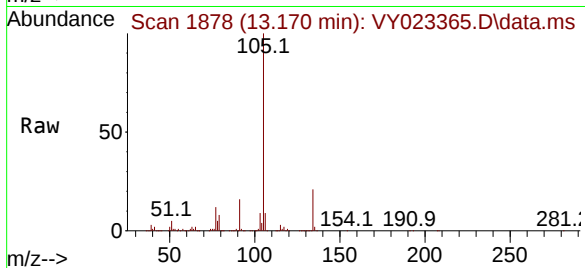
ClientSampleId :

Tgt Ion:105 Resp: 606313

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.230 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

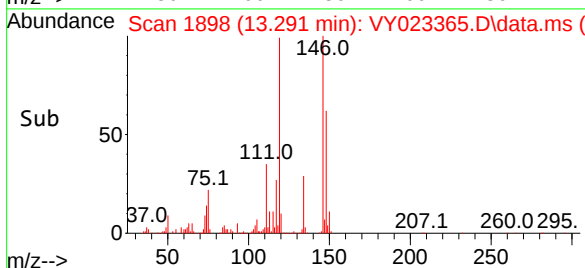
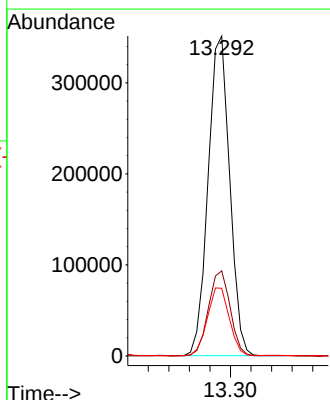
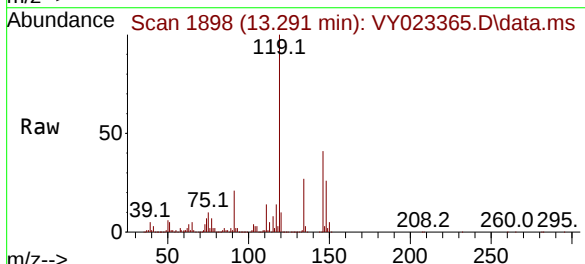
Tgt Ion:119 Resp: 512422

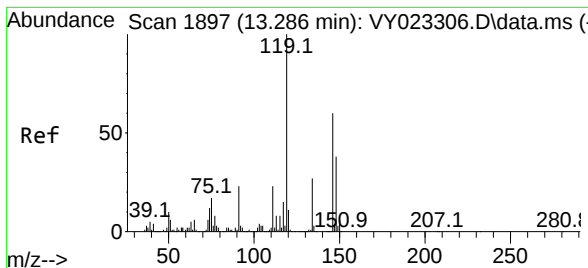
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.6

91 21.8 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.526 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

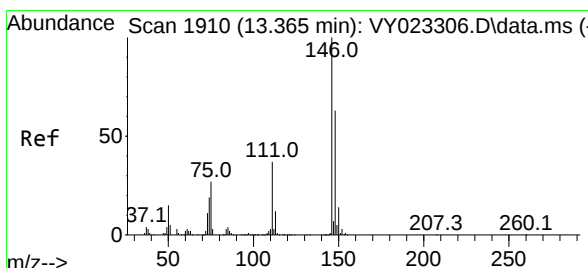
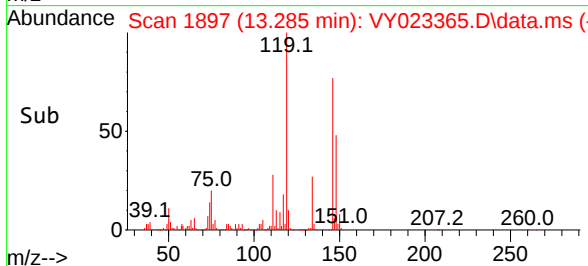
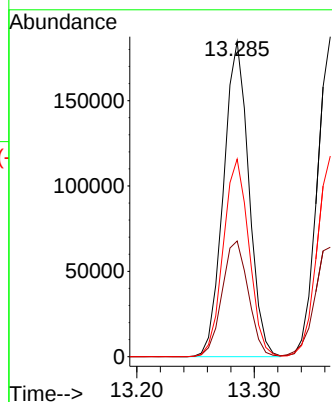
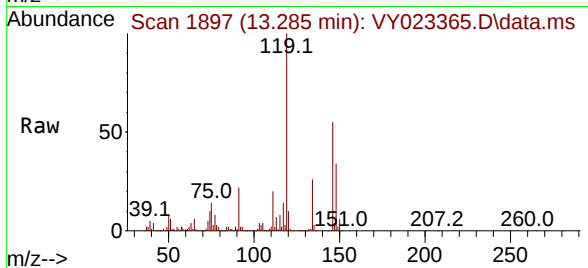
Tgt Ion:146 Resp: 276657

Ion Ratio Lower Upper

146 100

111 38.0 19.6 58.7

148 63.6 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 20.434 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

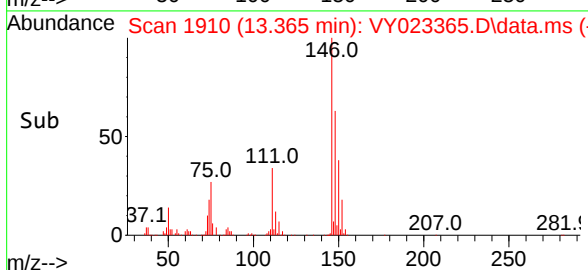
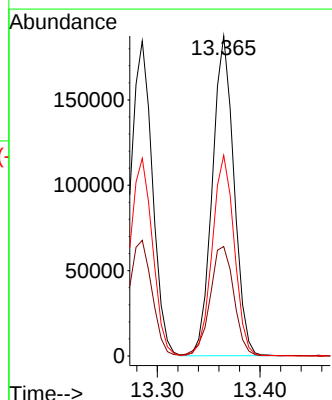
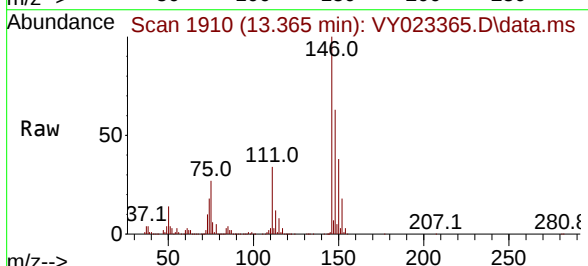
Tgt Ion:146 Resp: 272791

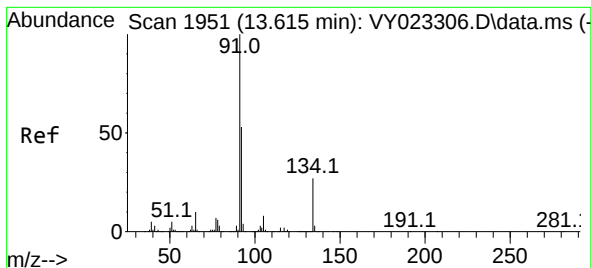
Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

148 64.2 31.6 94.7





#89

n-Butylbenzene

Concen: 21.089 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

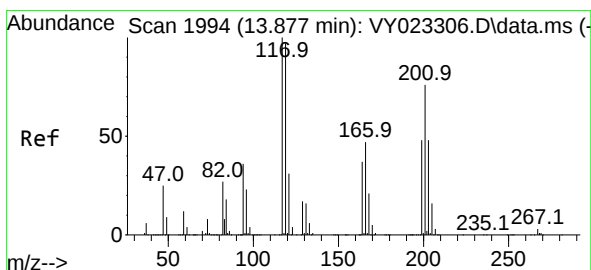
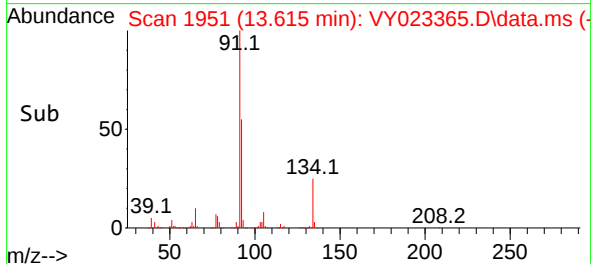
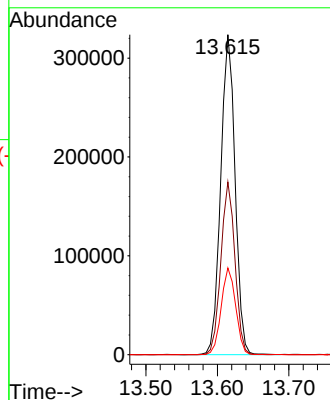
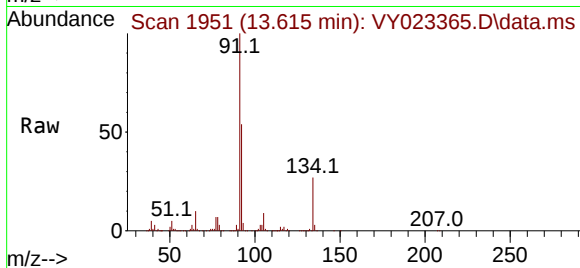
Tgt Ion: 91 Resp: 451428

Ion Ratio Lower Upper

91 100

92 52.9 26.9 80.7

134 27.3 13.2 39.5



#90

Hexachloroethane

Concen: 20.322 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023365.D

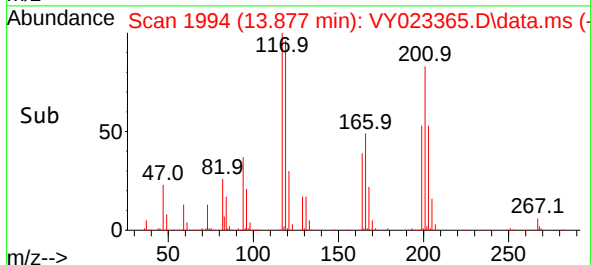
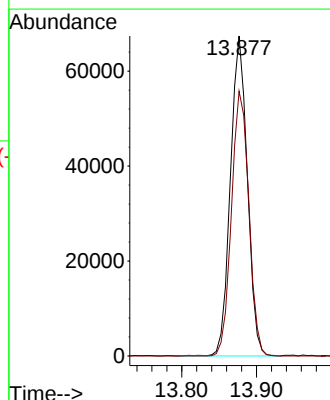
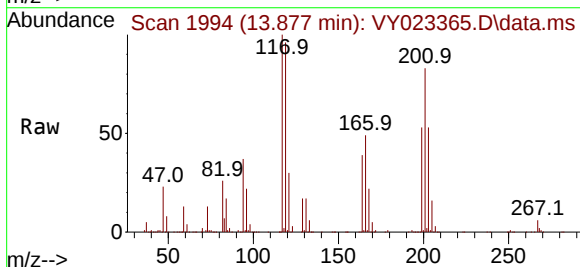
Acq: 25 Sep 2025 11:17

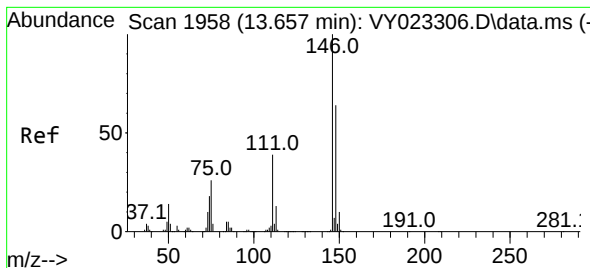
Tgt Ion: 117 Resp: 106341

Ion Ratio Lower Upper

117 100

201 84.7 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 20.559 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

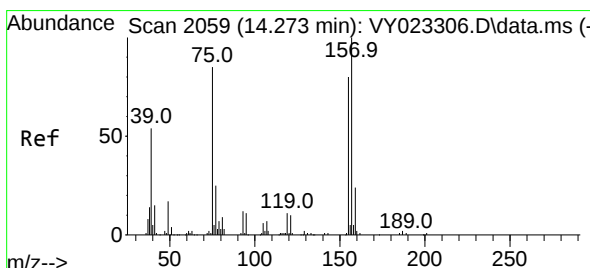
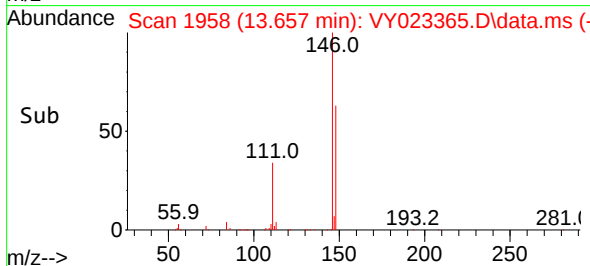
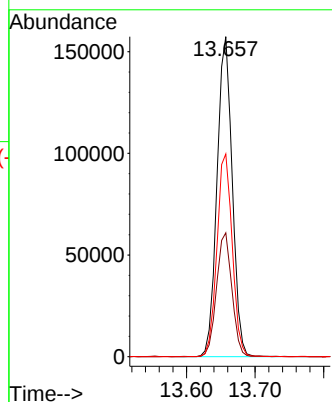
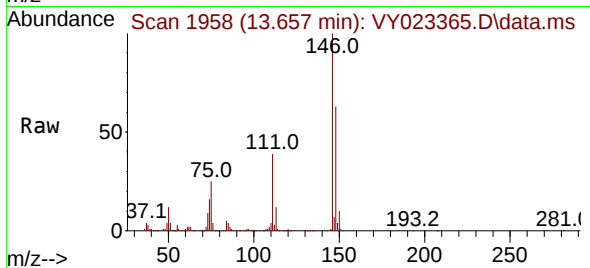
Tgt Ion:146 Resp: 241606

Ion Ratio Lower Upper

146 100

111 39.2 20.3 60.8

148 63.7 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.374 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

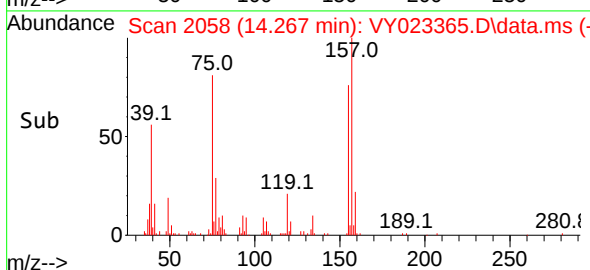
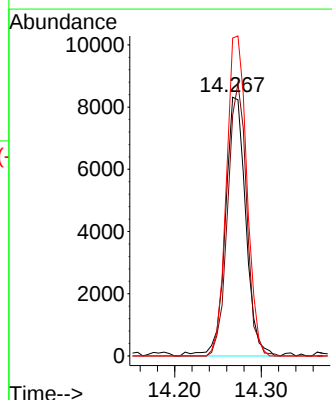
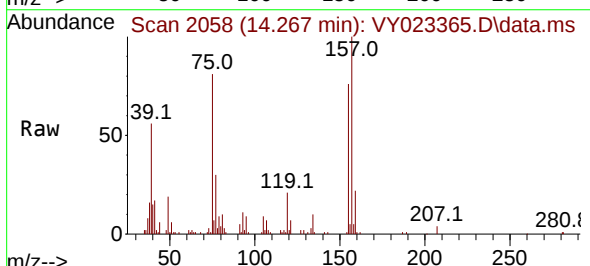
Tgt Ion: 75 Resp: 13602

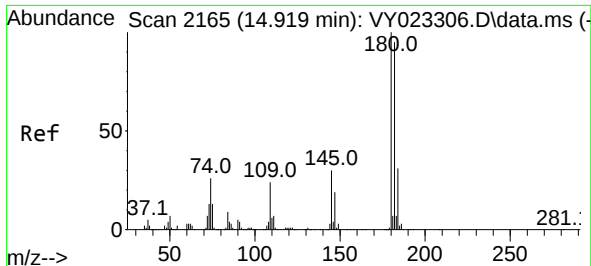
Ion Ratio Lower Upper

75 100

155 97.4 43.9 131.6

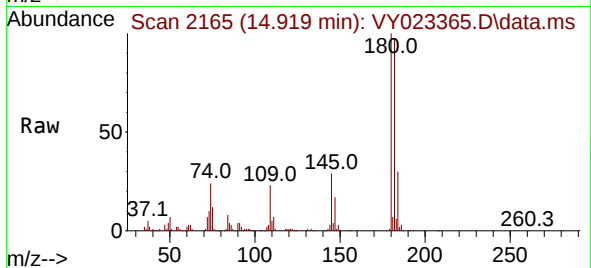
157 123.0 57.2 171.6



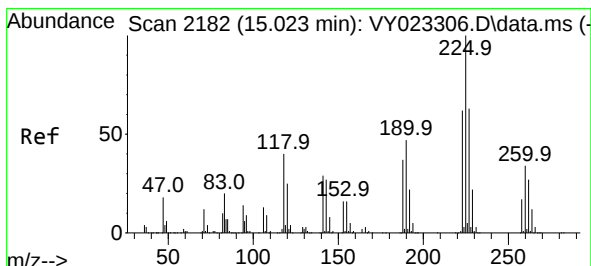
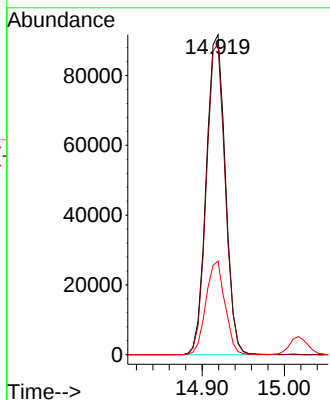
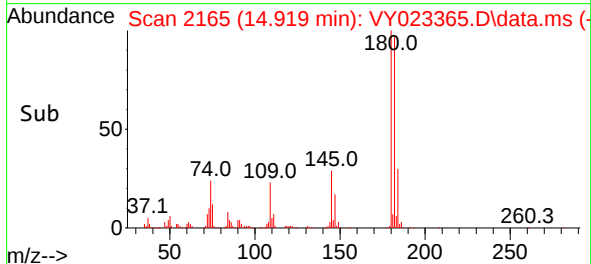


#93
 1,2,4-Trichlorobenzene
 Concen: 21.534 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.006 min
 Lab File: VY023365.D
 Acq: 25 Sep 2025 11:17

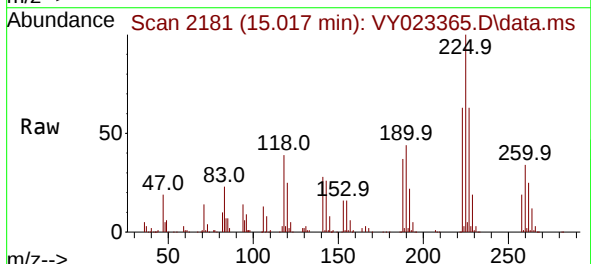
Instrument :
 MSVOA_Y
 ClientSampleId :



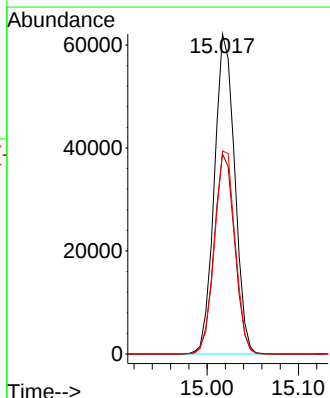
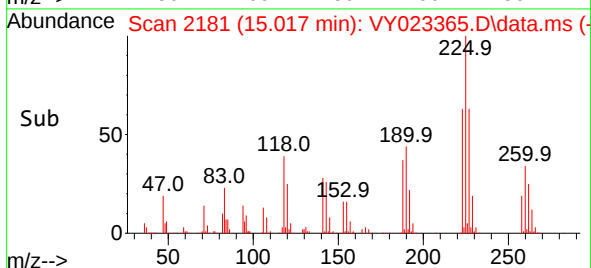
Tgt Ion:180 Resp: 147613
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.8 140.4
 145 29.2 14.4 43.4

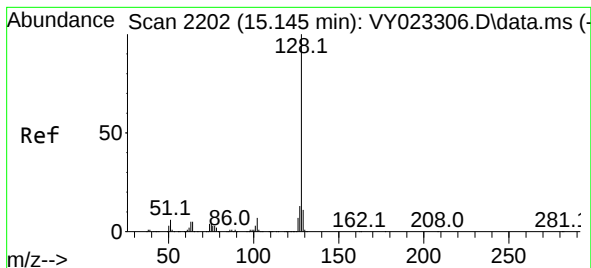


#94
 Hexachlorobutadiene
 Concen: 22.624 ug/l
 RT: 15.017 min Scan# 2181
 Delta R.T. 0.000 min
 Lab File: VY023365.D
 Acq: 25 Sep 2025 11:17



Tgt Ion:225 Resp: 95889
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.8
 227 64.6 31.5 94.5





#95

Naphthalene

Concen: 20.050 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Instrument :

MSVOA_Y

ClientSampleId :

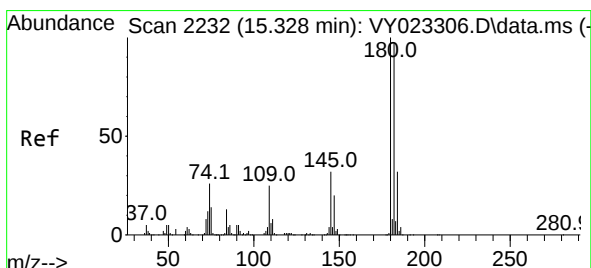
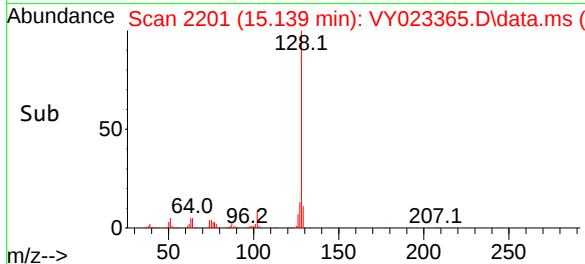
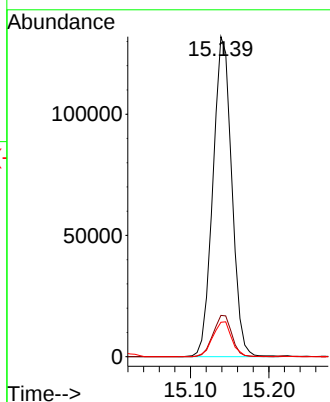
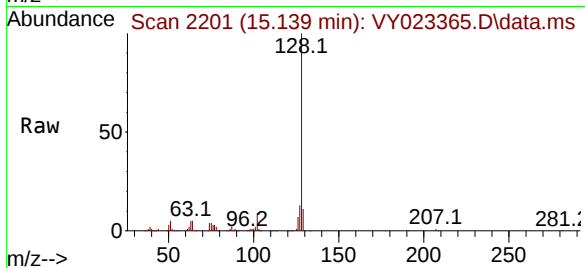
Tgt Ion:128 Resp: 220909

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 21.143 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023365.D

Acq: 25 Sep 2025 11:17

Tgt Ion:180 Resp: 125867

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 31.1 15.9 47.7

