

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023366.D
 Acq On : 25 Sep 2025 11:40
 Operator : SY/MD
 Sample : VY0925SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:23:15 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	592925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	889198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	770961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	390902	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	239601	45.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.980%
35) Dibromofluoromethane	7.634	113	257407	47.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.720%
50) Toluene-d8	10.103	98	978070	47.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.401	95	311387	48.210	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	98469	20.700	ug/l	100
3) Chloromethane	2.068	50	136406	20.040	ug/l	99
4) Vinyl Chloride	2.202	62	175750	20.495	ug/l	98
5) Bromomethane	2.586	94	139428	19.913	ug/l	98
6) Chloroethane	2.732	64	115449	19.894	ug/l	100
7) Trichlorofluoromethane	3.050	101	230196	21.269	ug/l	99
8) Diethyl Ether	3.452	74	56899	19.868	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	115021	19.761	ug/l	94
10) Methyl Iodide	4.001	142	117289	17.274	ug/l	100
11) Tert butyl alcohol	4.854	59	51410	170.770	ug/l #	91
12) 1,1-Dichloroethene	3.787	96	111001	19.824	ug/l	91
13) Acrolein	3.647	56	28510	56.017	ug/l	97
14) Allyl chloride	4.385	41	141279	19.974	ug/l	98
15) Acrylonitrile	5.055	53	107374	95.242	ug/l	98
16) Acetone	3.866	43	143362	120.800	ug/l	95
17) Carbon Disulfide	4.104	76	331564	18.703	ug/l	99
18) Methyl Acetate	4.385	43	54588	18.751	ug/l	93
19) Methyl tert-butyl Ether	5.122	73	255781	19.428	ug/l	96
20) Methylene Chloride	4.616	84	157095	24.742	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	122158	19.526	ug/l	94
22) Diisopropyl ether	6.018	45	307358	19.512	ug/l	95
23) Vinyl Acetate	5.958	43	837181	96.133	ug/l	99
24) 1,1-Dichloroethane	5.915	63	199563	19.369	ug/l	96
25) 2-Butanone	6.896	43	161839	110.799	ug/l	96
26) 2,2-Dichloropropane	6.884	77	188033	20.669	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	140870	19.884	ug/l	94
28) Bromochloromethane	7.244	49	75050	18.512	ug/l	84
29) Tetrahydrofuran	7.262	42	80033	92.377	ug/l	95
30) Chloroform	7.421	83	214974	19.419	ug/l	100
31) Cyclohexane	7.701	56	175720	19.273	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	193556	19.569	ug/l	99
36) 1,1-Dichloropropene	7.835	75	150075	19.386	ug/l	97
37) Ethyl Acetate	6.982	43	60547	19.661	ug/l	97
38) Carbon Tetrachloride	7.817	117	175932	19.750	ug/l	97
39) Methylcyclohexane	9.109	83	199790	20.173	ug/l	96
40) Benzene	8.079	78	476629	19.808	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	32809	20.573	ug/l	95
42) 1,2-Dichloroethane	8.158	62	117074	19.110	ug/l	98
43) Isopropyl Acetate	8.195	43	110745	18.489	ug/l	96
44) Trichloroethene	8.866	130	135810	20.263	ug/l	96
45) 1,2-Dichloropropane	9.140	63	105734	19.456	ug/l	100
46) Dibromomethane	9.231	93	62530	18.894	ug/l	93
47) Bromodichloromethane	9.420	83	159874	19.202	ug/l	99
48) Methyl methacrylate	9.219	41	51218	18.346	ug/l	93
49) 1,4-Dioxane	9.231	88	14304	425.779	ug/l	94
51) 4-Methyl-2-Pentanone	9.993	43	295709	96.501	ug/l	99
52) Toluene	10.170	92	304551	19.944	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	139955	19.524	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	169530	19.792	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	82603	18.763	ug/l	95
56) Ethyl methacrylate	10.438	69	93470	18.326	ug/l	98
57) 1,3-Dichloropropane	10.713	76	136358	19.079	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	205007	92.223	ug/l	94
59) 2-Hexanone	10.755	43	226634	106.986	ug/l	99
60) Dibromochloromethane	10.908	129	115856	19.396	ug/l	98
61) 1,2-Dibromoethane	11.012	107	78556	19.043	ug/l	100
64) Tetrachloroethene	10.646	164	162859	21.195	ug/l	97
65) Chlorobenzene	11.438	112	340773	20.176	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	117850	19.879	ug/l	98
67) Ethyl Benzene	11.518	91	559720	20.285	ug/l	99
68) m/p-Xylenes	11.627	106	450282	40.754	ug/l	96
69) o-Xylene	11.950	106	212209	20.748	ug/l	96
70) Styrene	11.969	104	341419	20.141	ug/l	98
71) Bromoform	12.127	173	69328	19.638	ug/l #	100
73) Isopropylbenzene	12.249	105	542313	20.596	ug/l	98
74) N-amyl acetate	12.066	43	94890	19.065	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	83981	19.004	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	114318	28.878	ug/l #	100
77) Bromobenzene	12.530	156	137321	20.413	ug/l	91
78) n-propylbenzene	12.590	91	643916	20.748	ug/l	98
79) 2-Chlorotoluene	12.676	91	367438	20.556	ug/l	97
80) 1,3,5-Trimethylbenzene	12.731	105	440027	20.547	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	28763	19.815	ug/l	98
82) 4-Chlorotoluene	12.773	91	374694	20.033	ug/l	96
83) tert-Butylbenzene	12.993	119	411311	21.206	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	440345	20.785	ug/l	97
85) sec-Butylbenzene	13.170	105	590845	20.936	ug/l	98
86) p-Isopropyltoluene	13.285	119	499377	20.948	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	271202	20.373	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	263436	19.980	ug/l	98
89) n-Butylbenzene	13.615	91	436237	20.634	ug/l	98
90) Hexachloroethane	13.877	117	102679	19.868	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	236124	20.344	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	13796	19.896	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	146037	21.571	ug/l	98
94) Hexachlorobutadiene	15.017	225	94805	22.648	ug/l	100
95) Naphthalene	15.139	128	220941	20.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	122051	20.758	ug/l	98

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Instrument :
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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

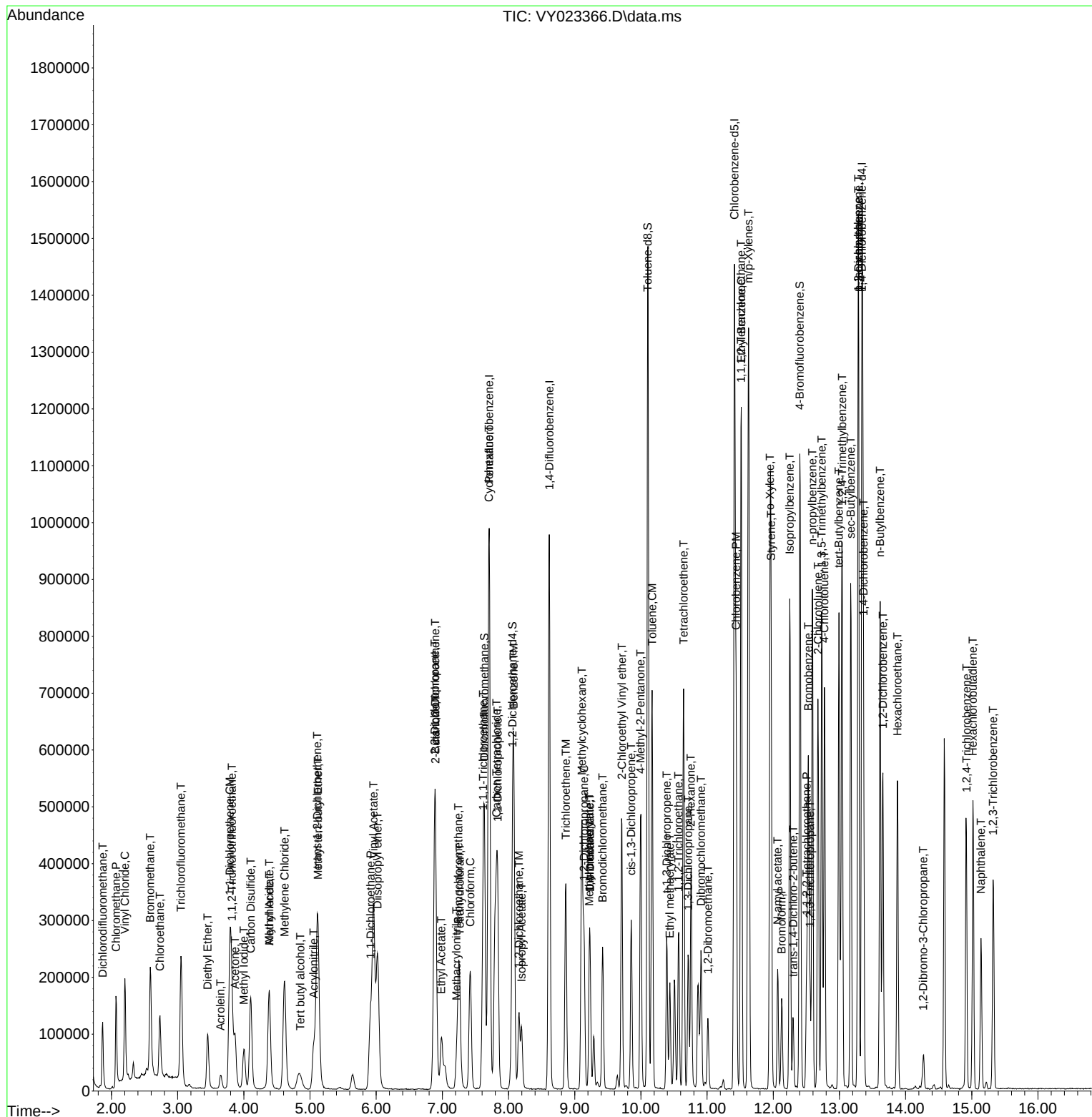
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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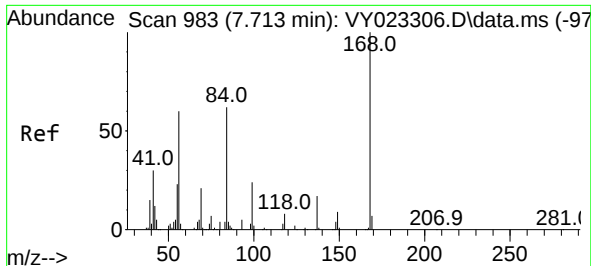
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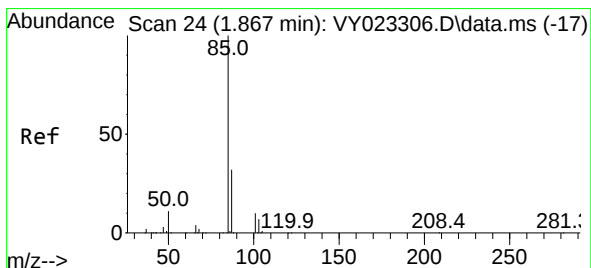
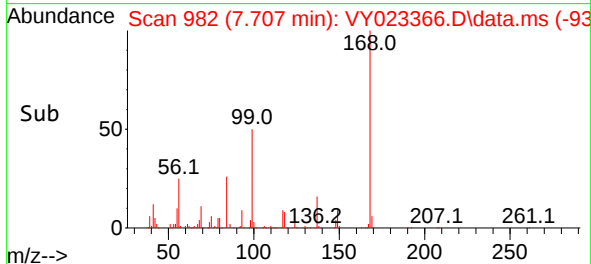
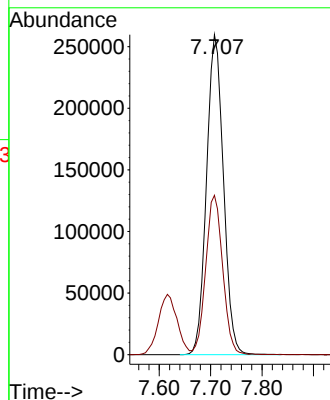
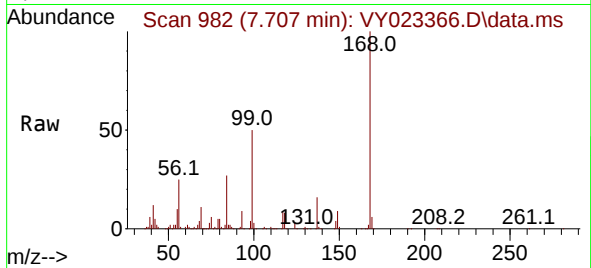




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023366.D
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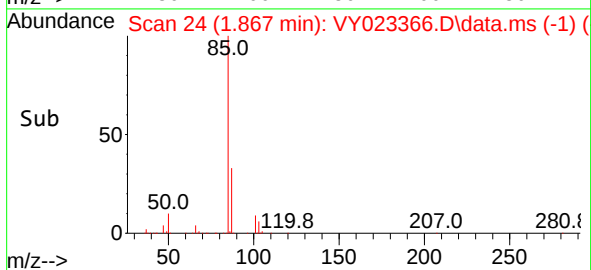
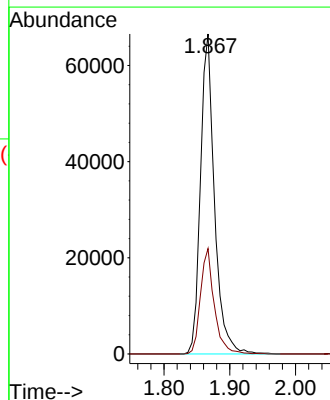
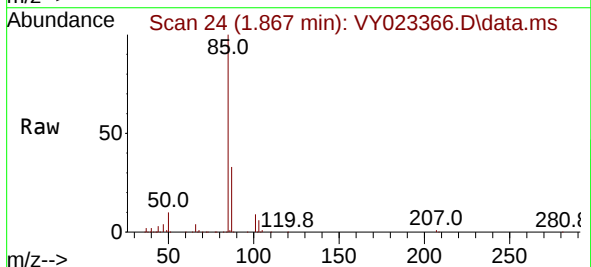
Instrument :
MSVOA_Y
ClientSampleId :

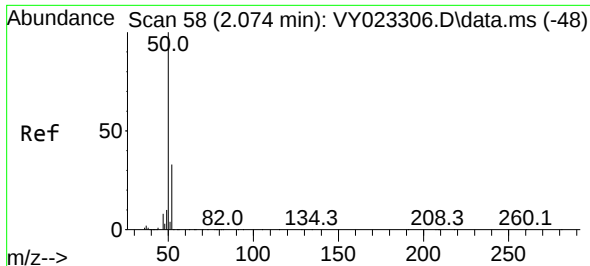
Tgt Ion:168 Resp: 592925
Ion Ratio Lower Upper
168 100
99 49.7 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 20.700 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 85 Resp: 98469
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.8

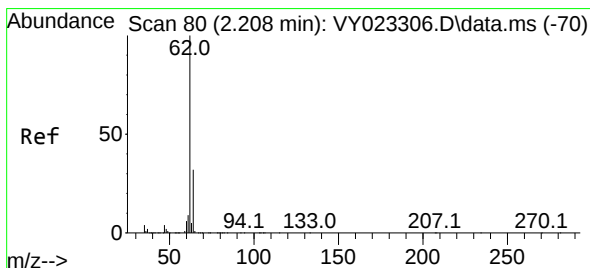
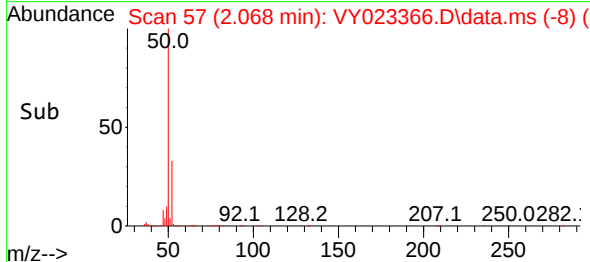
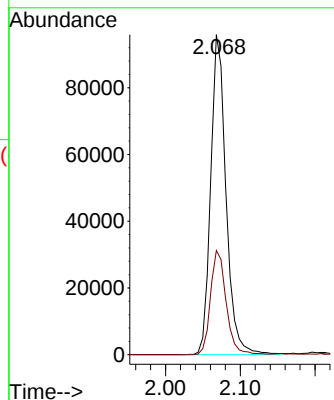
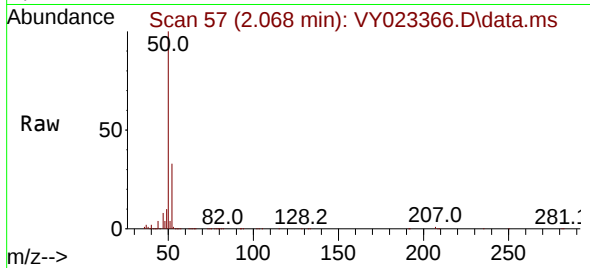




#3
Chloromethane
Concen: 20.040 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

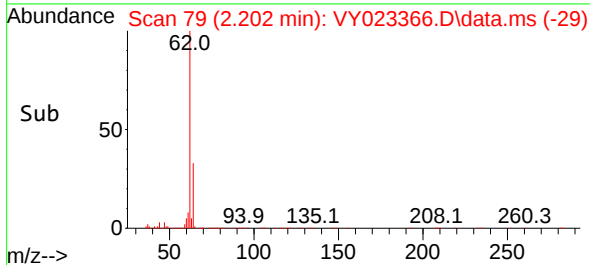
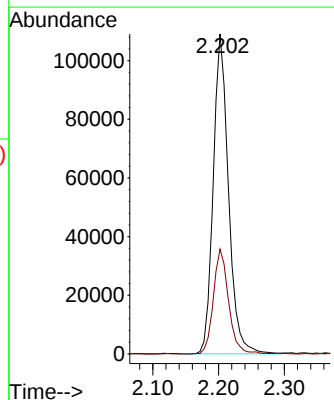
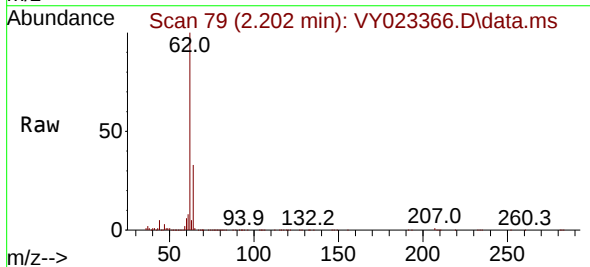
Instrument :
MSVOA_Y
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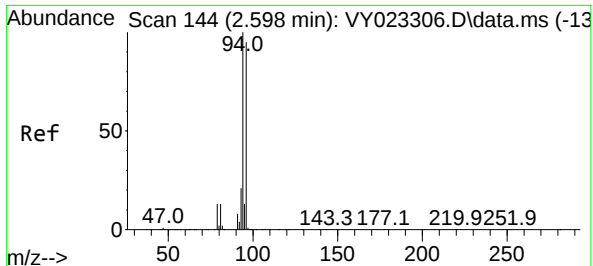
Tgt Ion: 50 Resp: 136406
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1



#4
Vinyl Chloride
Concen: 20.495 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 62 Resp: 175750
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

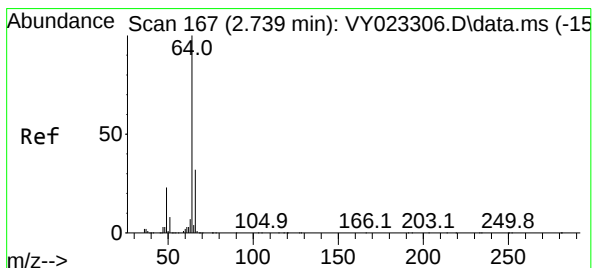
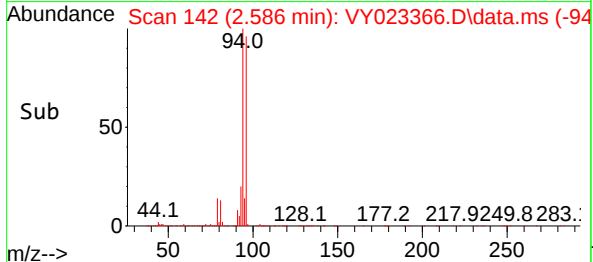
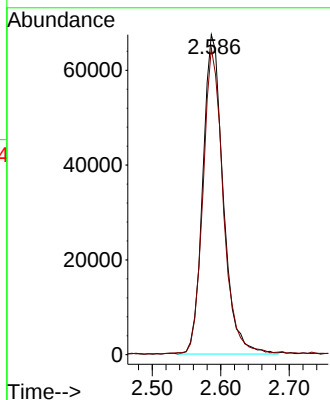
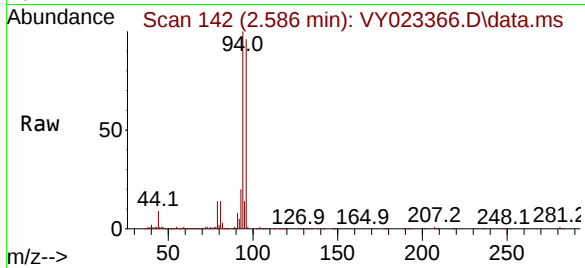




#5
Bromomethane
Concen: 19.913 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

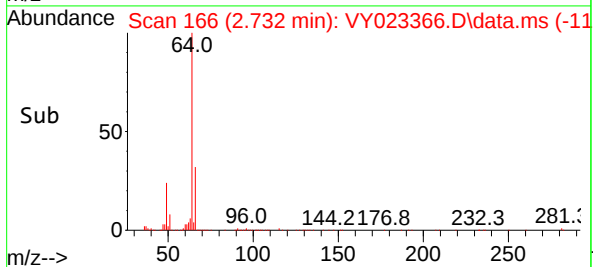
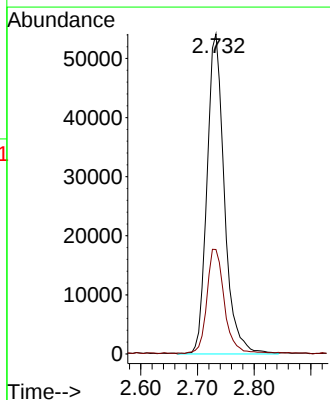
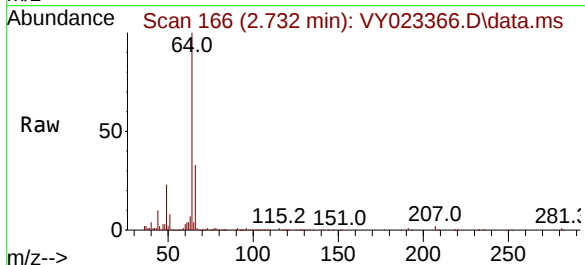
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MSVOA_Y
ClientSampleId :

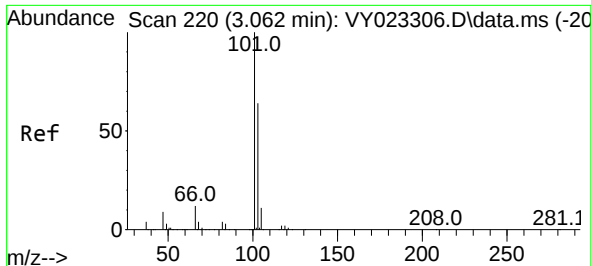
Tgt Ion: 94 Resp: 139428
Ion Ratio Lower Upper
94 100
96 95.3 74.6 112.0



#6
Chloroethane
Concen: 19.894 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 64 Resp: 115449
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.6

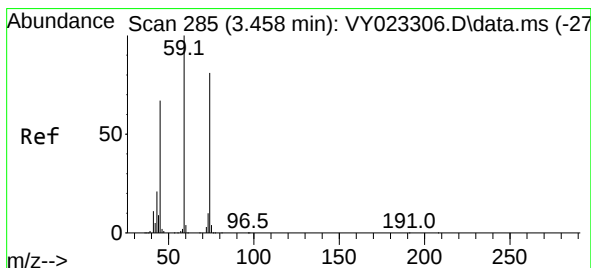
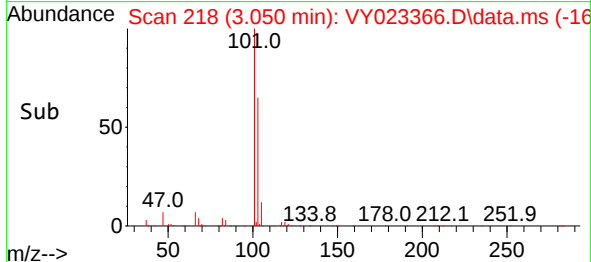
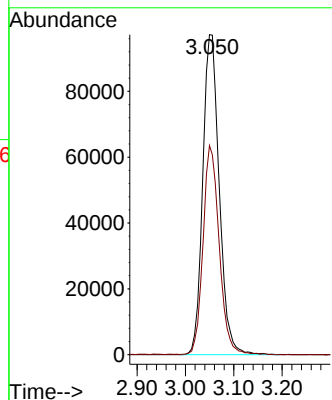
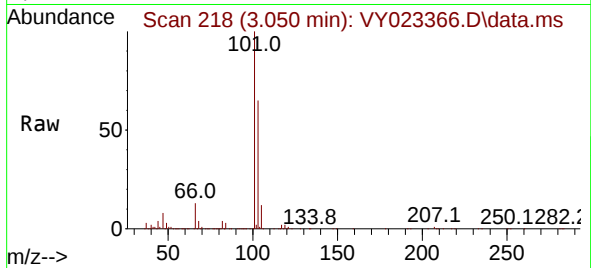




#7
Trichlorofluoromethane
Concen: 21.269 ug/l
RT: 3.050 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

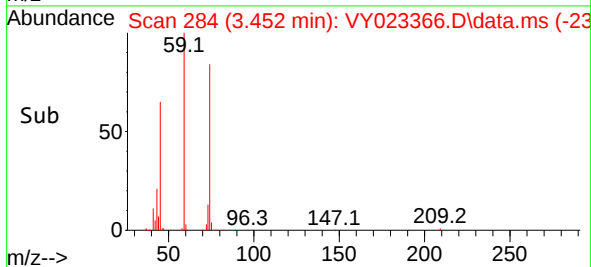
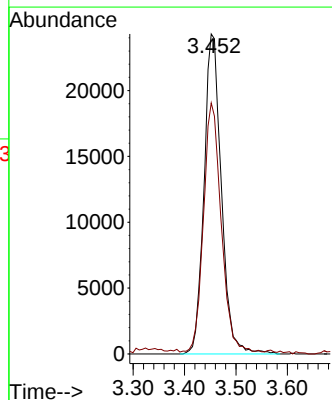
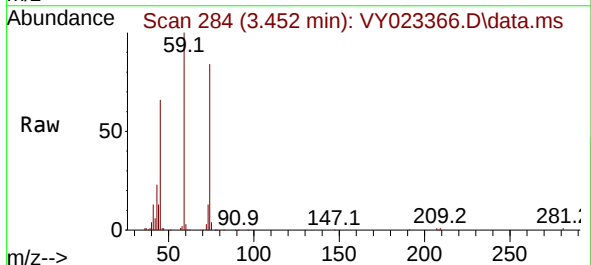
Instrument :
MSVOA_Y
ClientSampleId :

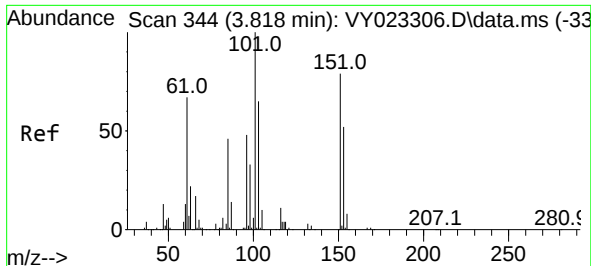
Tgt Ion:101 Resp: 230196
Ion Ratio Lower Upper
101 100
103 65.3 51.9 77.9



#8
Diethyl Ether
Concen: 19.868 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 74 Resp: 56899
Ion Ratio Lower Upper
74 100
45 78.9 44.4 133.2

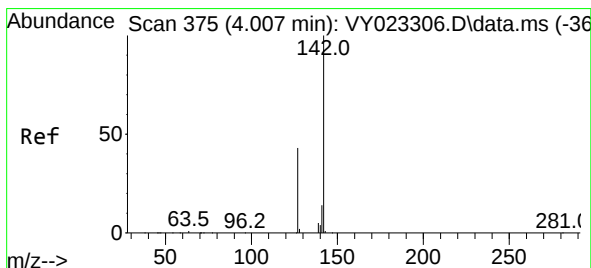
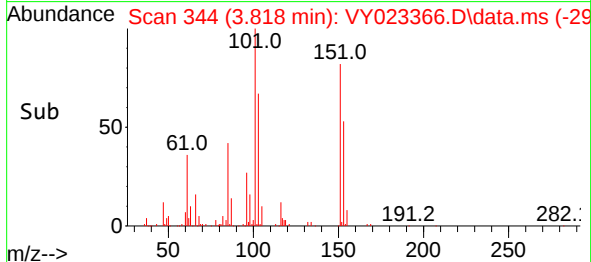
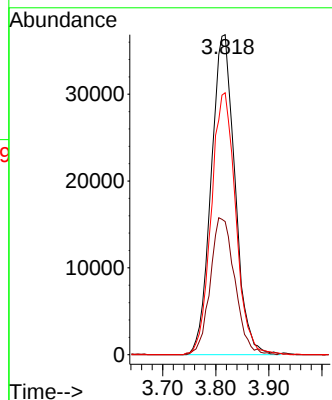
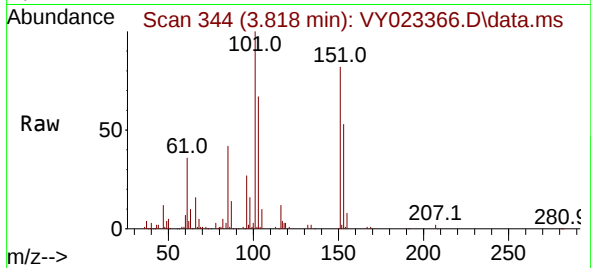




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.761 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

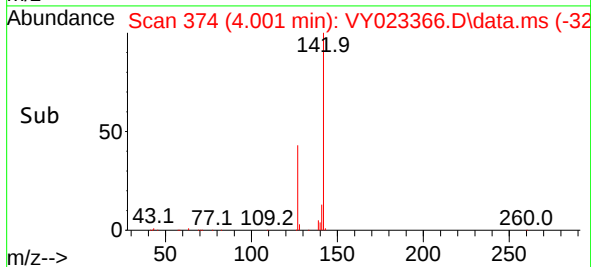
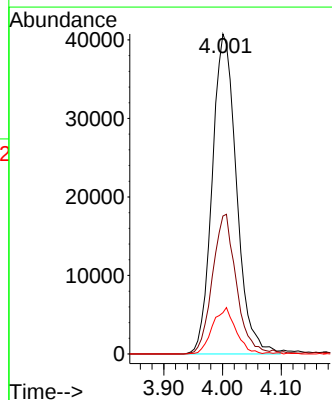
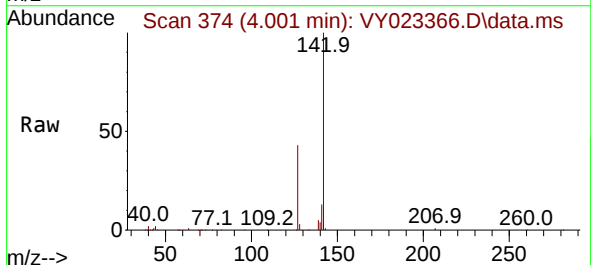
Instrument :
MSVOA_Y
ClientSampleId :

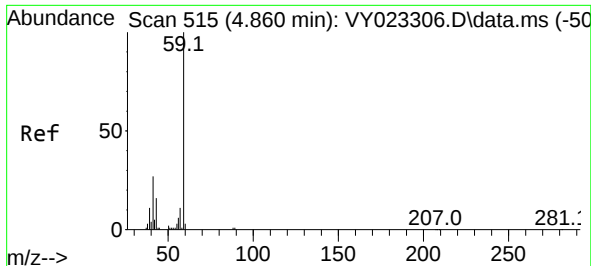
Tgt Ion:101 Resp: 115021
Ion Ratio Lower Upper
101 100
85 44.1 36.3 54.5
151 83.9 61.5 92.3



#10
Methyl Iodide
Concen: 17.274 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion:142 Resp: 117289
Ion Ratio Lower Upper
142 100
127 43.3 34.9 52.3
141 13.9 11.3 16.9

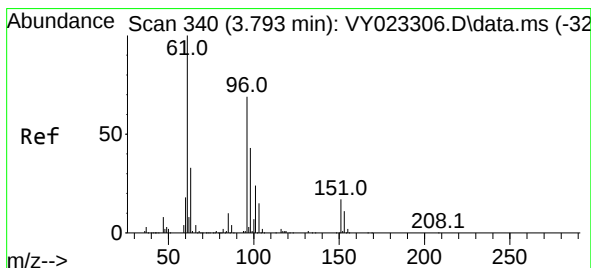
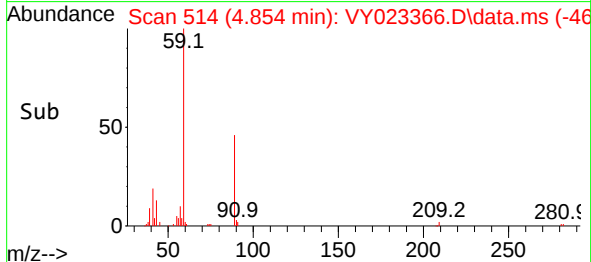
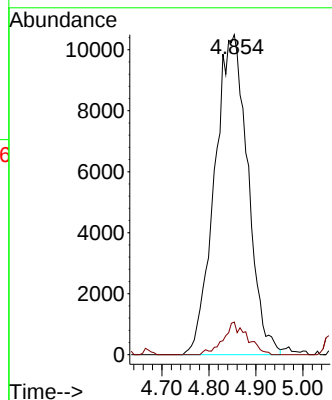
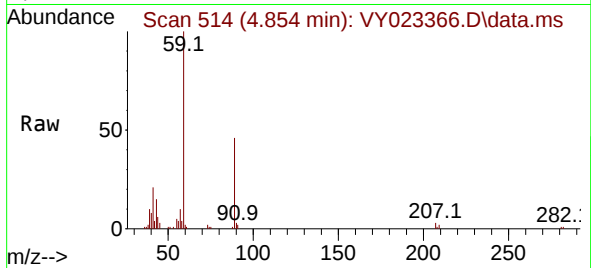




#11
Tert butyl alcohol
Concen: 170.770 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

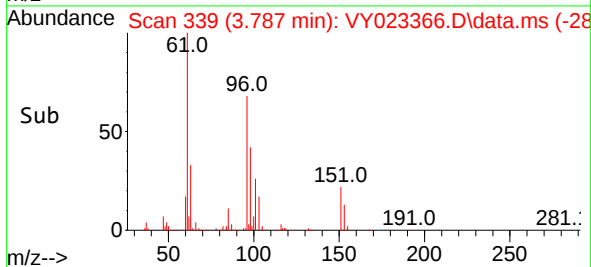
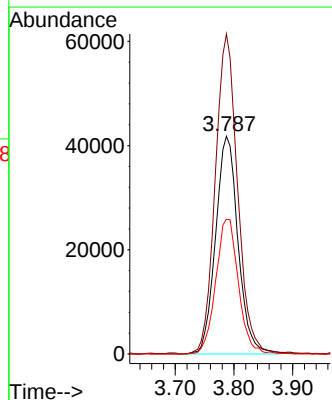
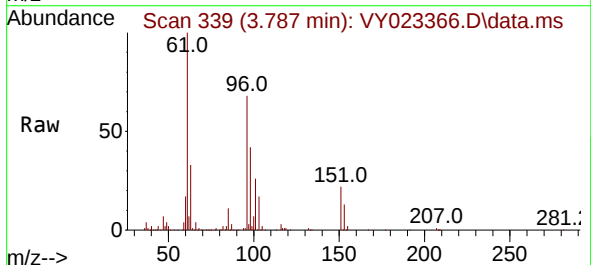
Instrument :
MSVOA_Y
ClientSampleId :

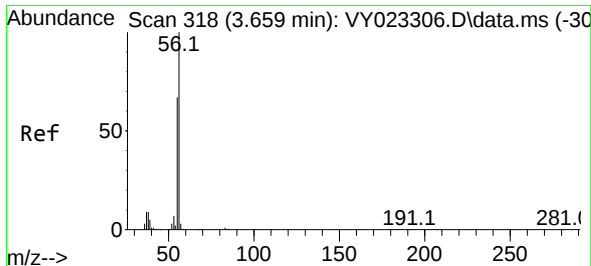
Tgt Ion: 59 Resp: 51410
Ion Ratio Lower Upper
59 100
57 7.4 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 19.824 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 96 Resp: 111001
Ion Ratio Lower Upper
96 100
61 147.0 129.4 194.2
98 61.9 52.8 79.2

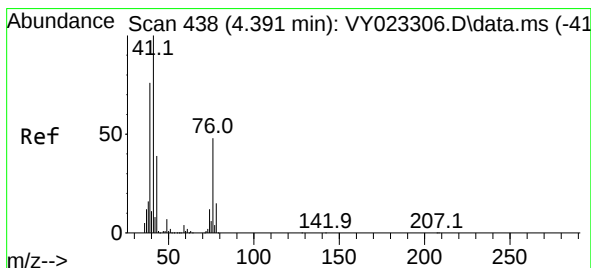
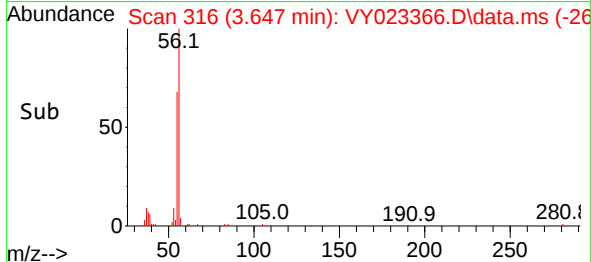
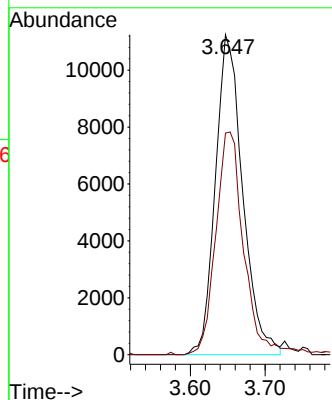
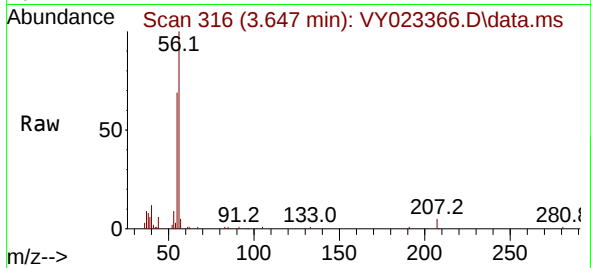




#13
Acrolein
Concen: 56.017 ug/l
RT: 3.647 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

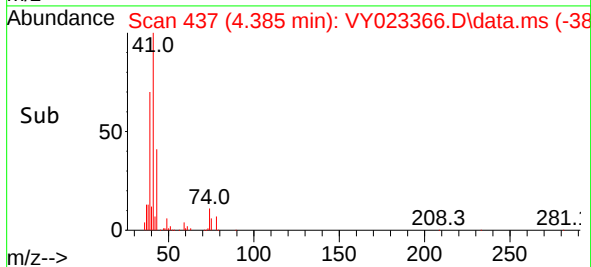
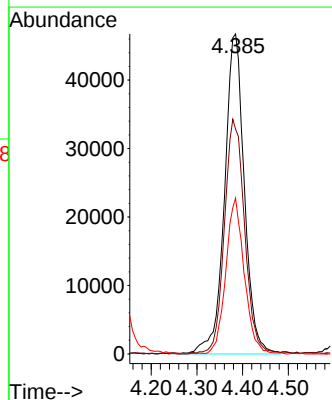
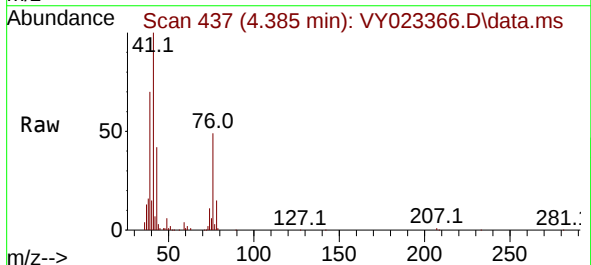
Instrument :
MSVOA_Y
ClientSampleId :

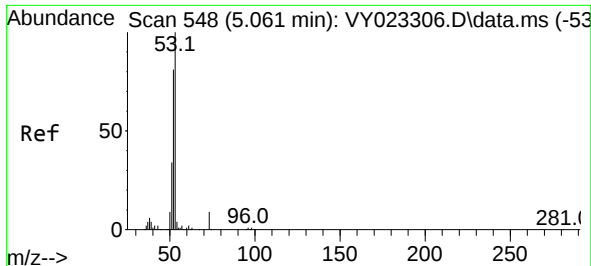
Tgt Ion: 56 Resp: 28510
Ion Ratio Lower Upper
56 100
55 71.6 55.2 82.8



#14
Allyl chloride
Concen: 19.974 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 41 Resp: 141279
Ion Ratio Lower Upper
41 100
39 75.0 59.8 89.6
76 45.5 33.7 50.5

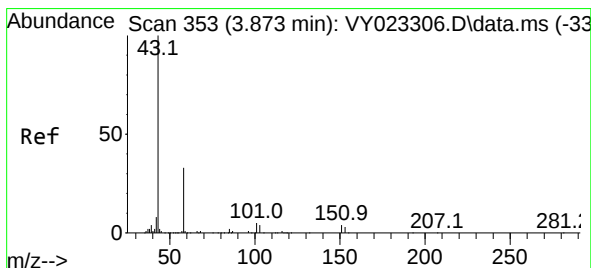
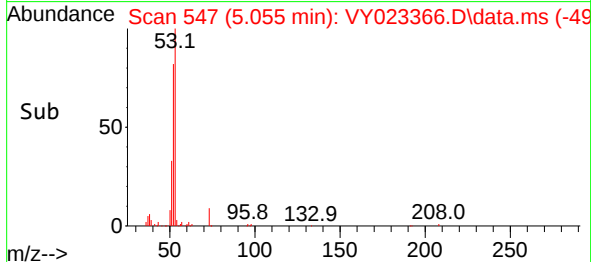
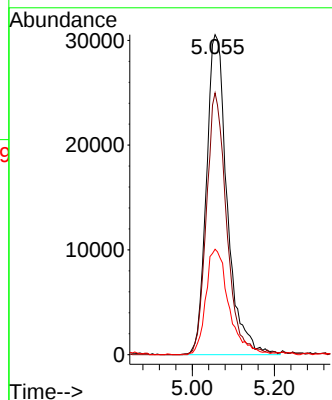
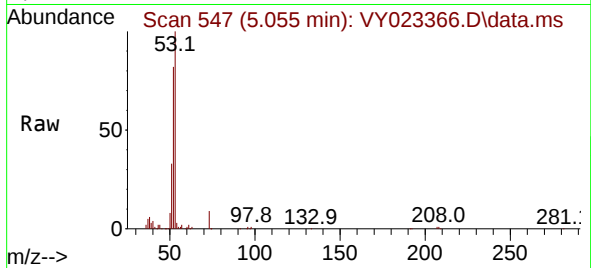




#15
Acrylonitrile
Concen: 95.242 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

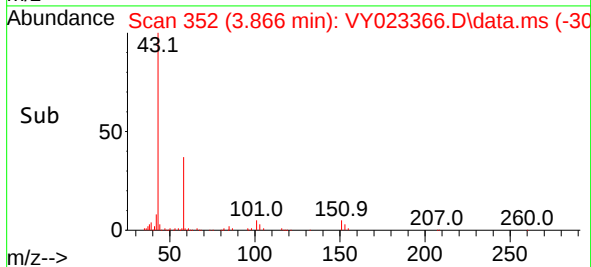
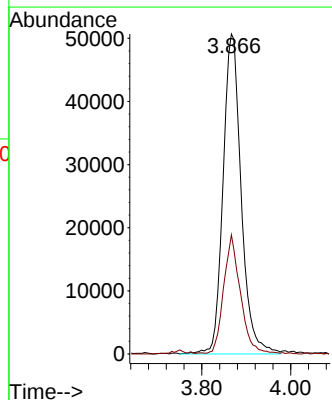
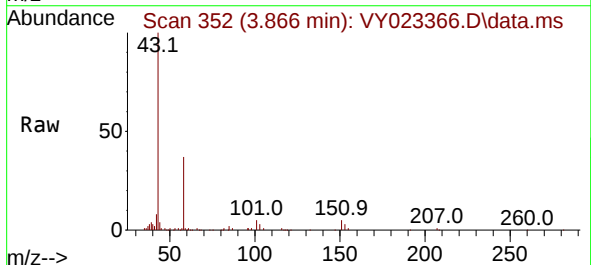
Instrument :
MSVOA_Y
ClientSampleId :

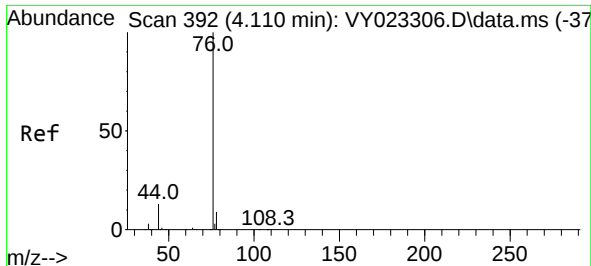
Tgt Ion: 53 Resp: 107374
Ion Ratio Lower Upper
53 100
52 79.7 65.3 97.9
51 36.5 29.5 44.3



#16
Acetone
Concen: 120.800 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 43 Resp: 143362
Ion Ratio Lower Upper
43 100
58 36.9 27.1 40.7

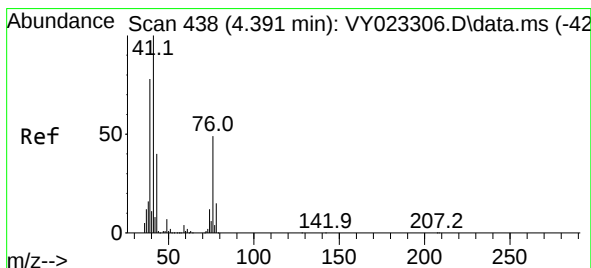
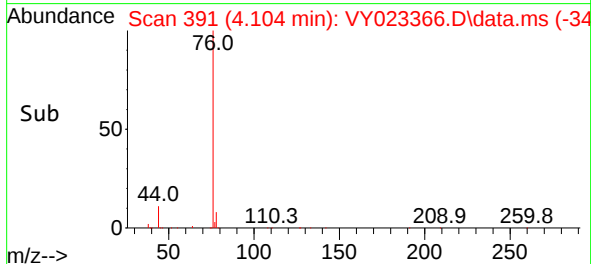
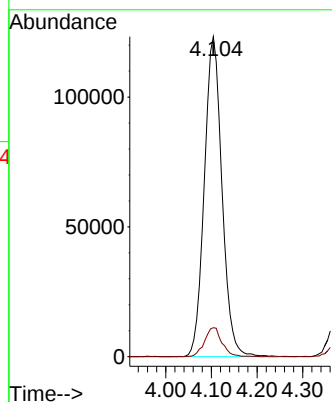
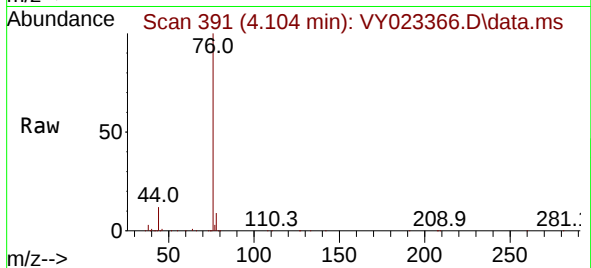




#17
Carbon Disulfide
Concen: 18.703 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

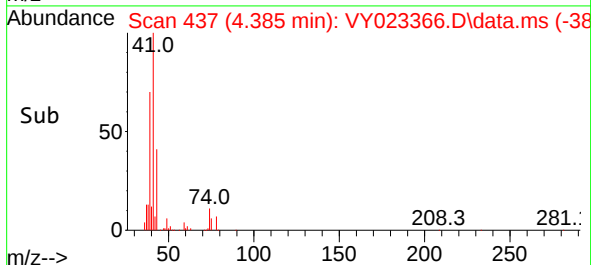
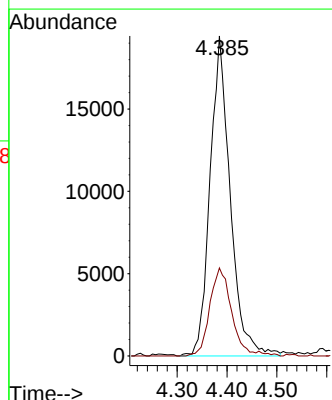
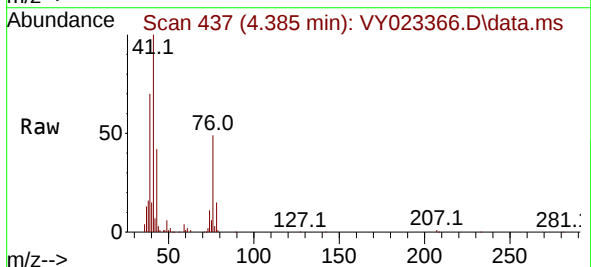
Instrument :
MSVOA_Y
ClientSampleId :

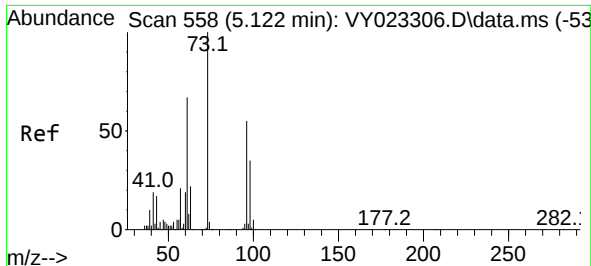
Tgt Ion: 76 Resp: 331564
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 18.751 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 43 Resp: 54588
Ion Ratio Lower Upper
43 100
74 29.9 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 19.428 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

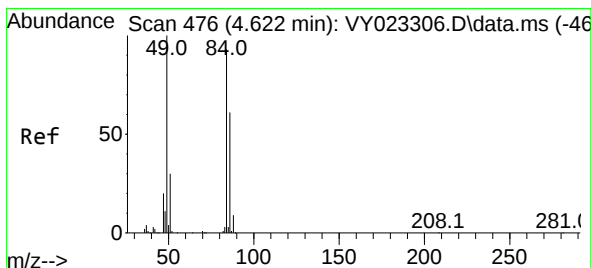
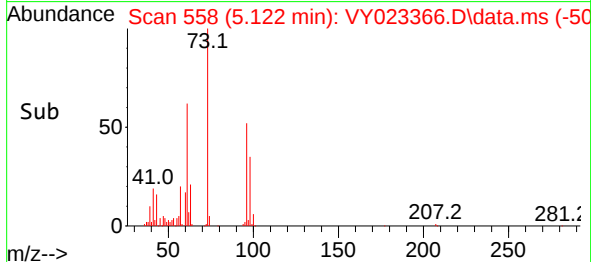
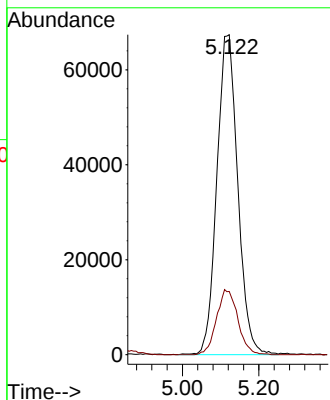
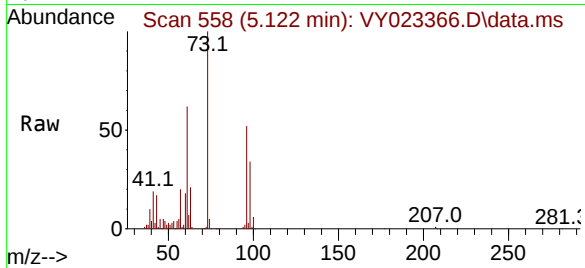
ClientSampleId :

Tgt Ion: 73 Resp: 255781

Ion Ratio Lower Upper

73 100

57 19.7 17.1 25.7



#20

Methylene Chloride

Concen: 24.742 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Tgt Ion: 84 Resp: 157095

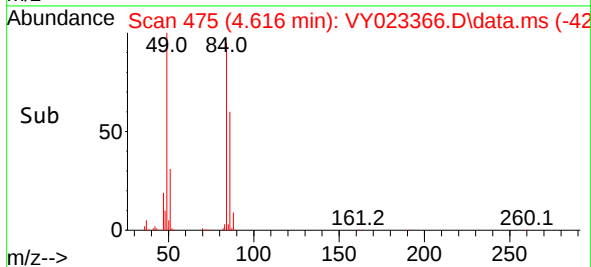
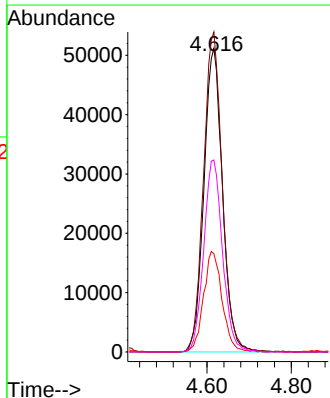
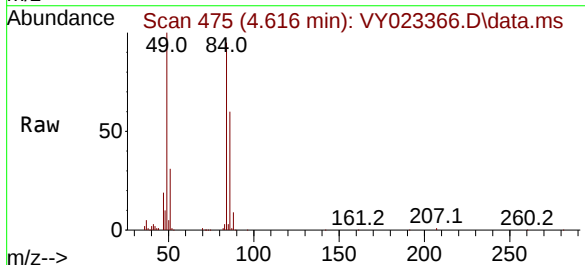
Ion Ratio Lower Upper

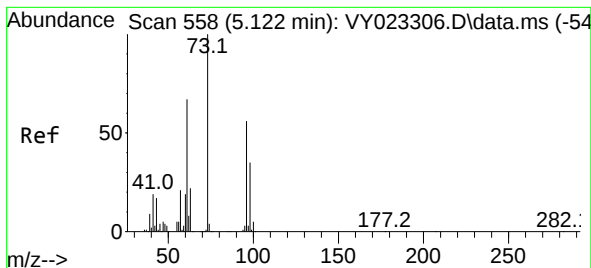
84 100

49 105.4 93.0 139.6

51 32.4 29.0 43.4

86 63.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 19.526 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.006 min

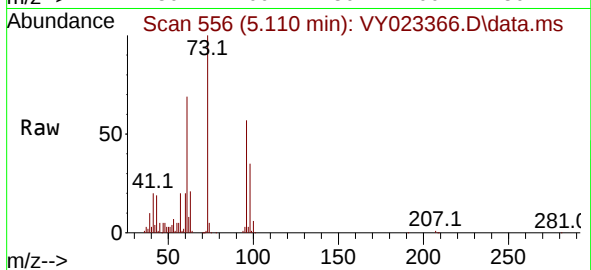
Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :



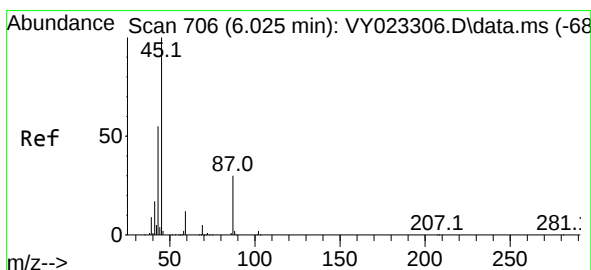
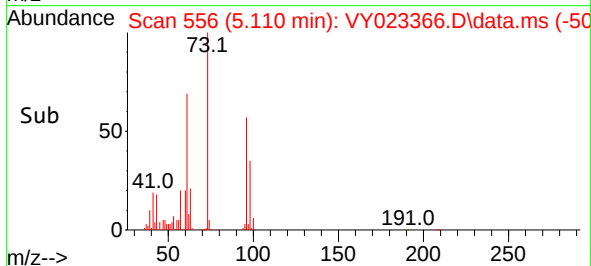
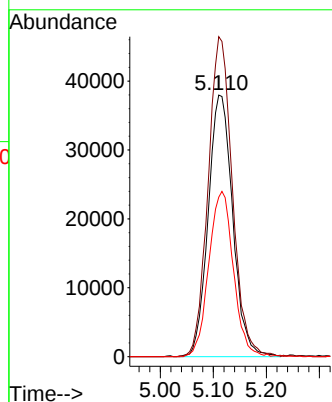
Tgt Ion: 96 Resp: 122158

Ion Ratio Lower Upper

96 100

61 121.9 104.8 157.2

98 61.0 50.1 75.1



#22

Diisopropyl ether

Concen: 19.512 ug/l

RT: 6.018 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Tgt Ion: 45 Resp: 307358

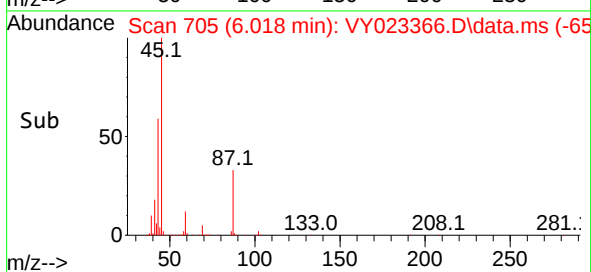
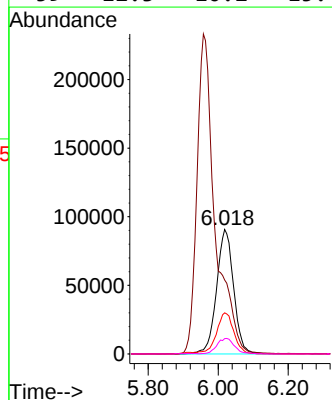
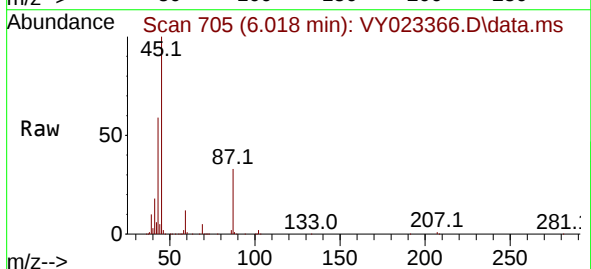
Ion Ratio Lower Upper

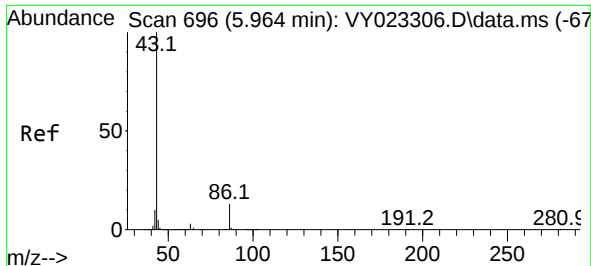
45 100

43 59.1 43.4 65.0

87 33.0 24.4 36.6

59 12.3 10.2 15.4

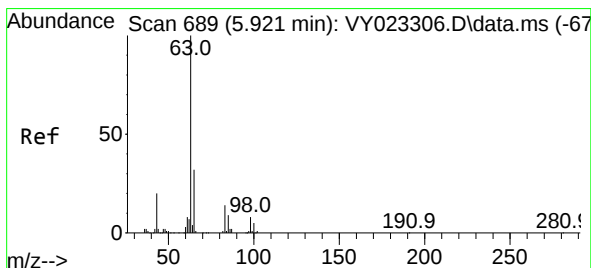
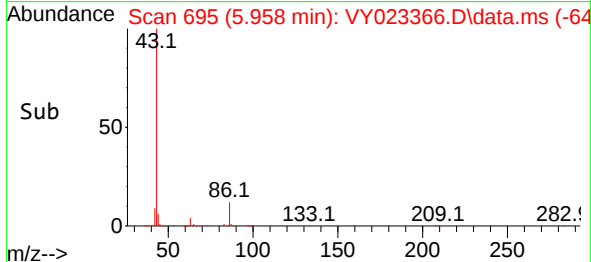
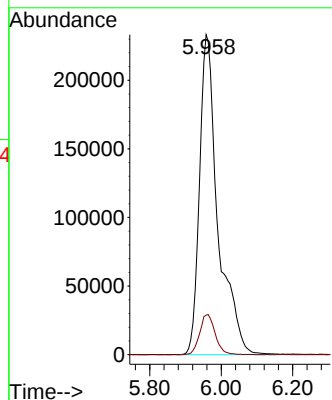
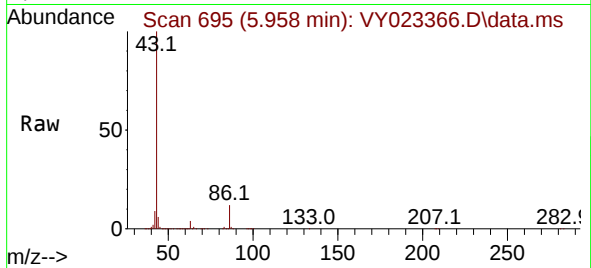




#23
 Vinyl Acetate
 Concen: 96.133 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023366.D
 Acq: 25 Sep 2025 11:40

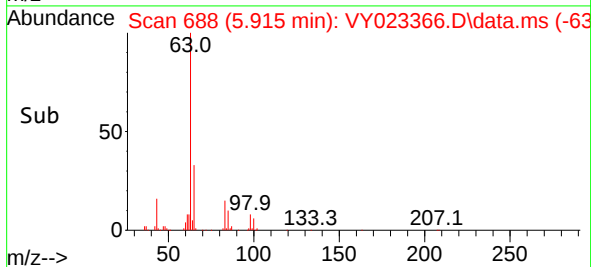
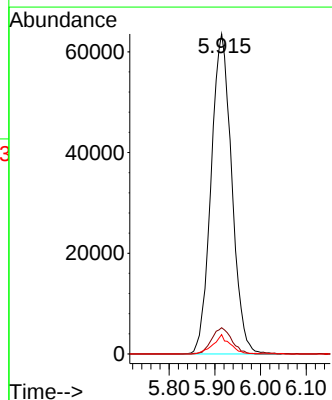
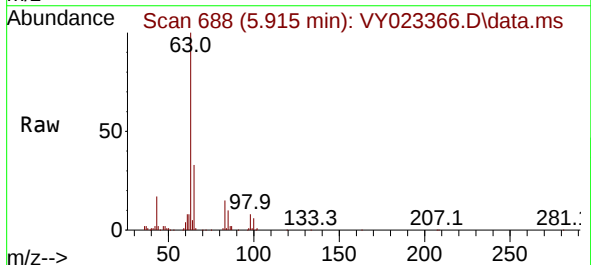
Instrument :
 MSVOA_Y
 ClientSampleId :

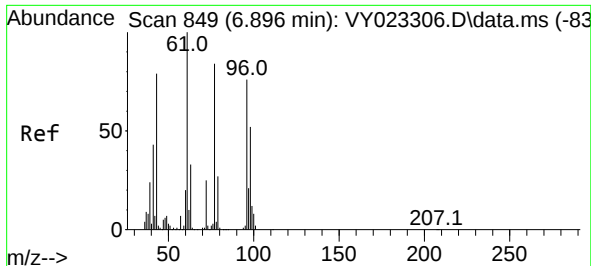
Tgt Ion: 43 Resp: 837181
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 19.369 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023366.D
 Acq: 25 Sep 2025 11:40

Tgt Ion: 63 Resp: 199563
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.6
 100 6.0 2.4 7.1





#25

2-Butanone

Concen: 110.799 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

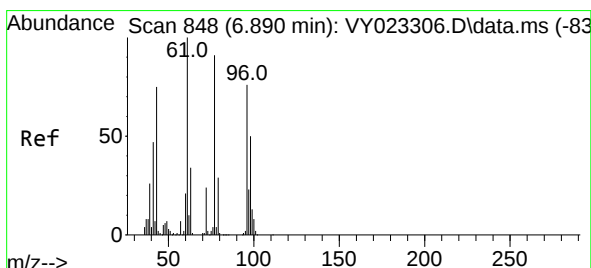
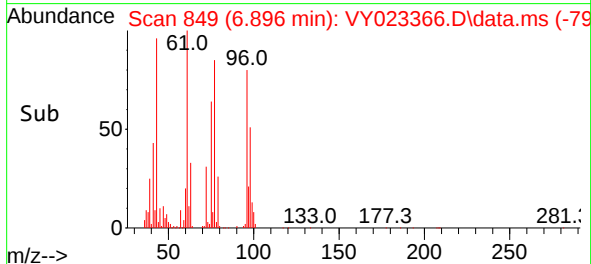
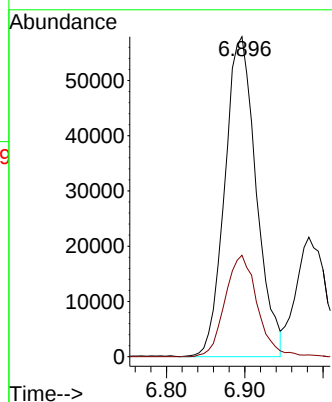
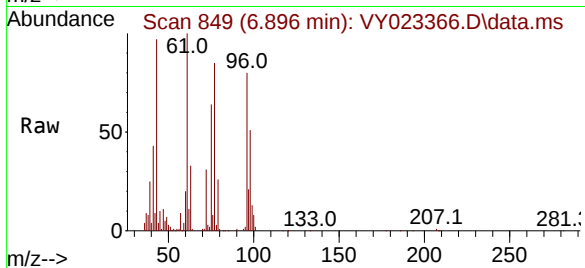
ClientSampleId :

Tgt Ion: 43 Resp: 161839

Ion Ratio Lower Upper

43 100

72 31.7 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.669 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023366.D

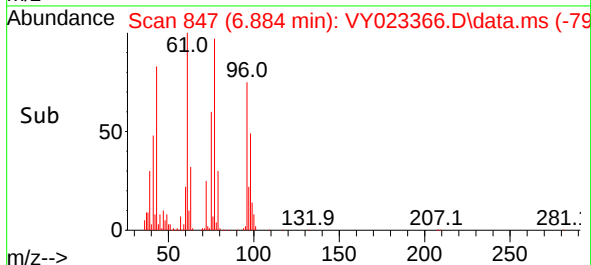
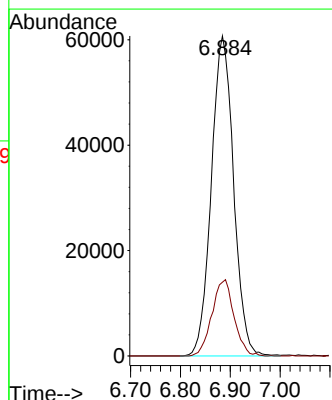
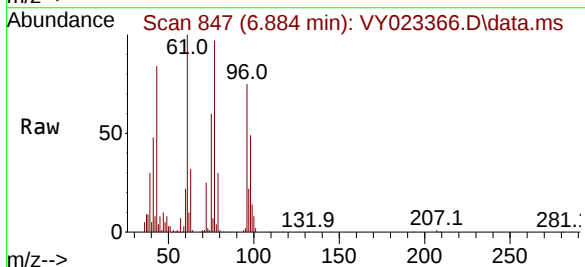
Acq: 25 Sep 2025 11:40

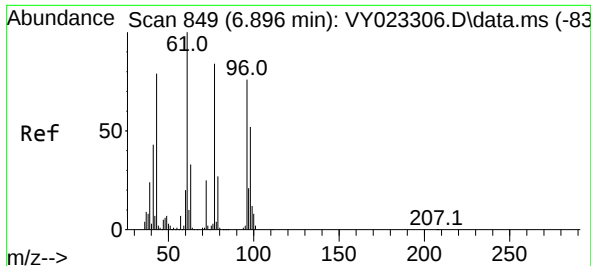
Tgt Ion: 77 Resp: 188033

Ion Ratio Lower Upper

77 100

97 23.6 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: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

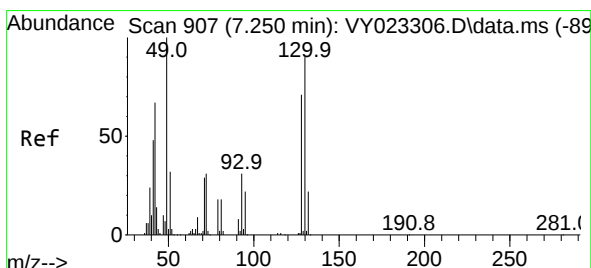
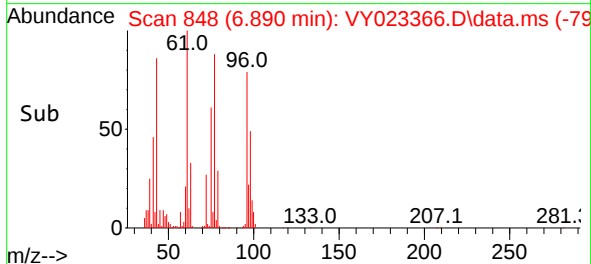
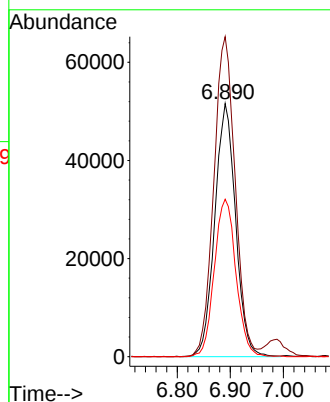
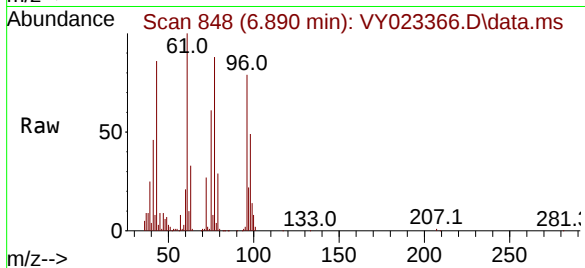
Tgt Ion: 96 Resp: 140870

Ion Ratio Lower Upper

96 100

61 129.6 0.0 278.6

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 18.512 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

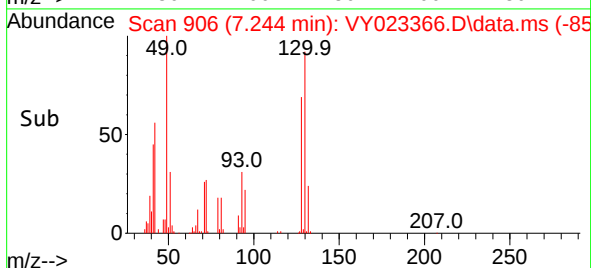
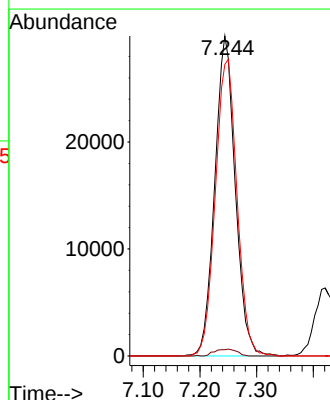
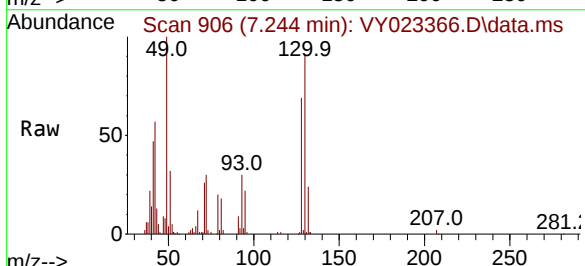
Tgt Ion: 49 Resp: 75050

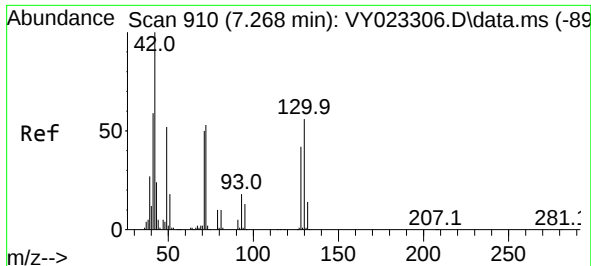
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 97.9 66.4 99.6





#29

Tetrahydrofuran

Concen: 92.377 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

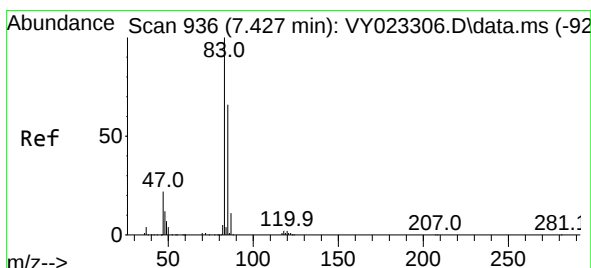
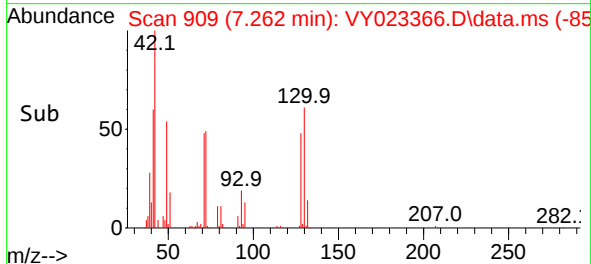
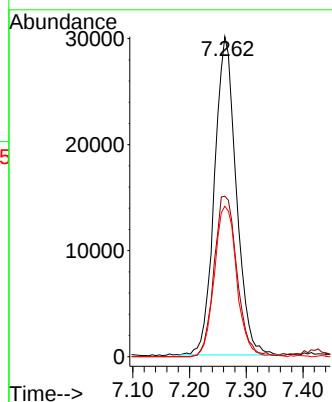
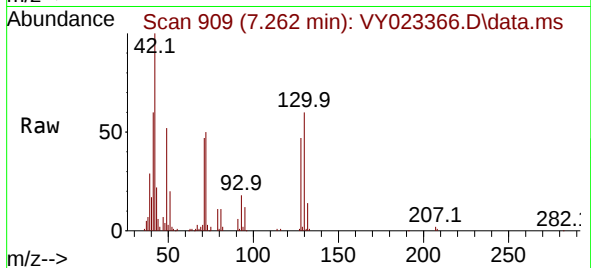
Tgt Ion: 42 Resp: 80033

Ion Ratio Lower Upper

42 100

72 53.1 39.4 59.2

71 48.4 36.5 54.7



#30

Chloroform

Concen: 19.419 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023366.D

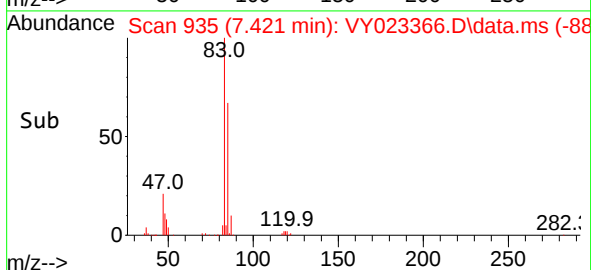
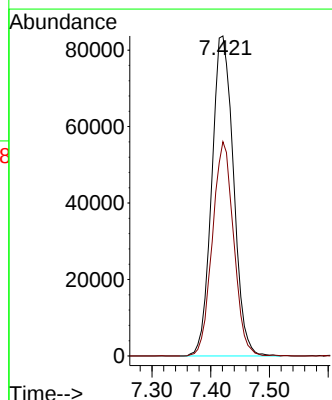
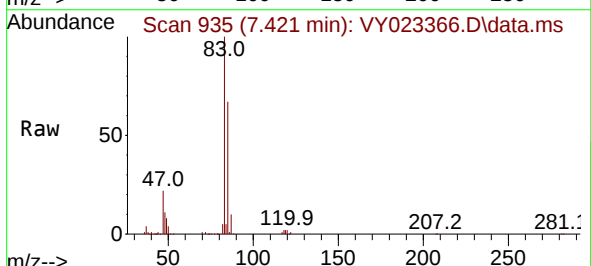
Acq: 25 Sep 2025 11:40

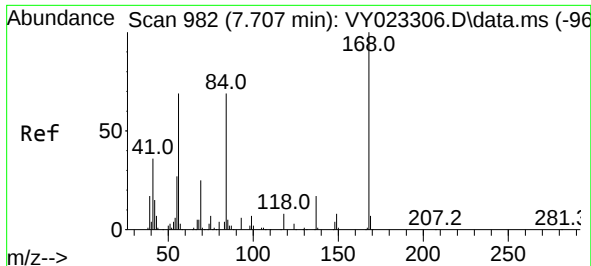
Tgt Ion: 83 Resp: 214974

Ion Ratio Lower Upper

83 100

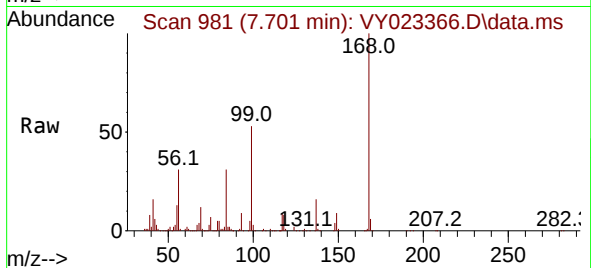
85 66.9 53.8 80.8



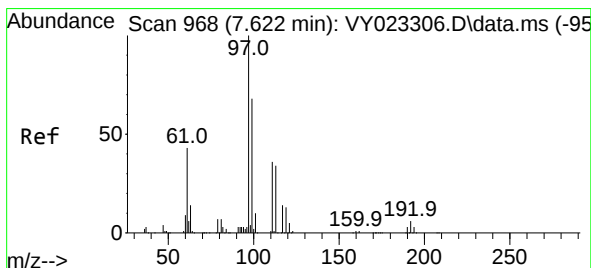
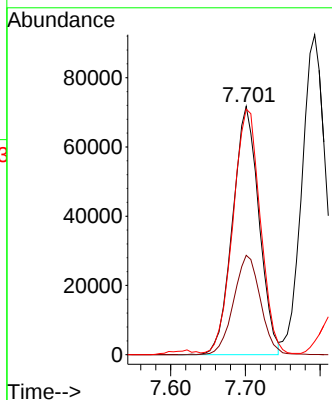
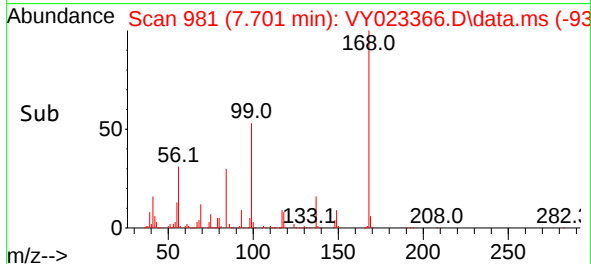


#31
Cyclohexane
Concen: 19.273 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Instrument :
MSVOA_Y
ClientSampleId :

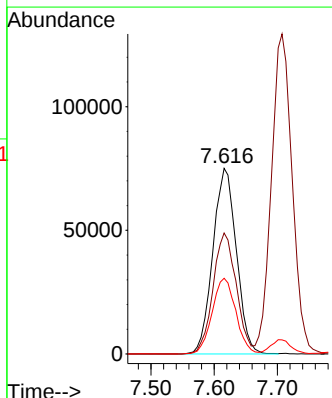
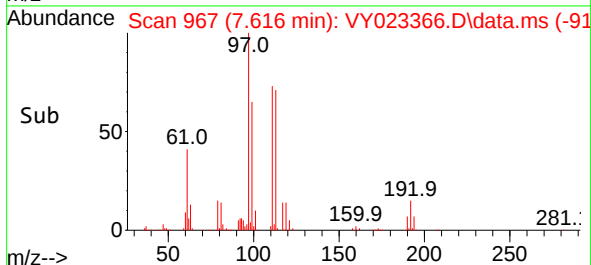
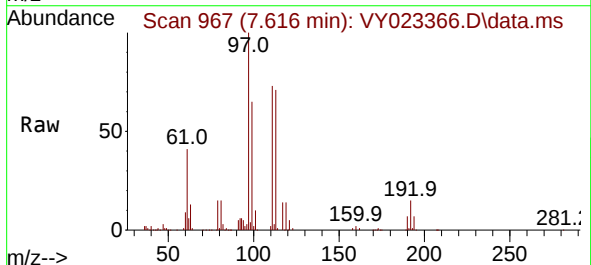


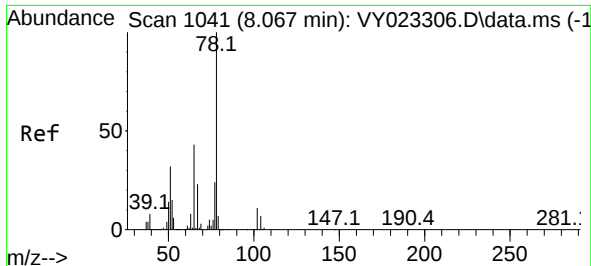
Tgt Ion: 56 Resp: 175720
Ion Ratio Lower Upper
56 100
69 40.0 28.2 42.2
84 97.6 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 19.569 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 97 Resp: 193556
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 41.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 45.988 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

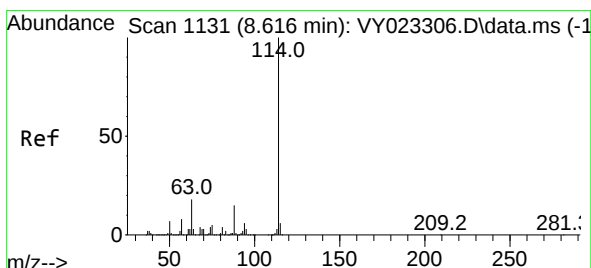
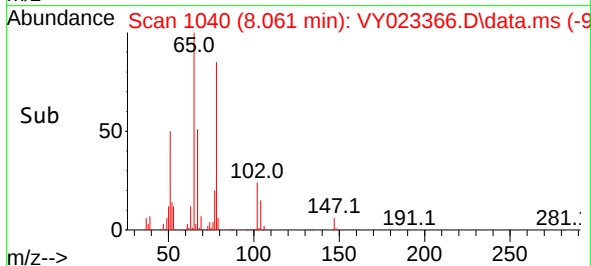
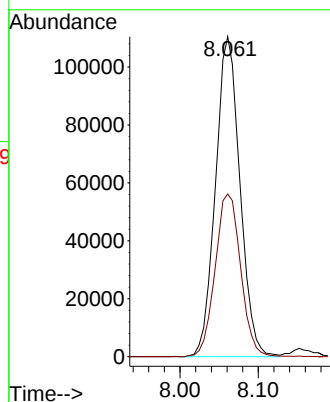
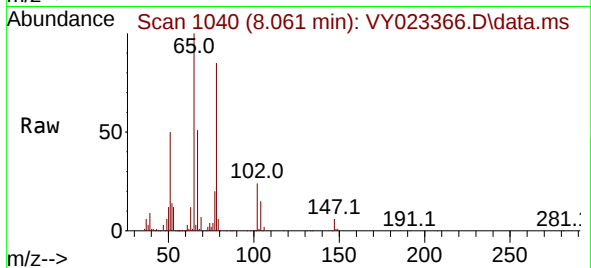
ClientSampleId :

Tgt Ion: 65 Resp: 239601

Ion Ratio Lower Upper

65 100

67 53.2 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: VY023366.D

Acq: 25 Sep 2025 11:40

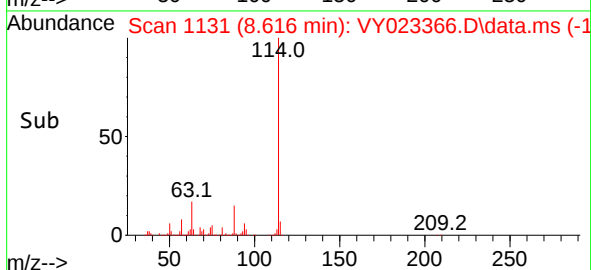
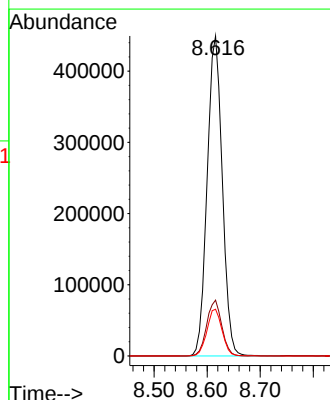
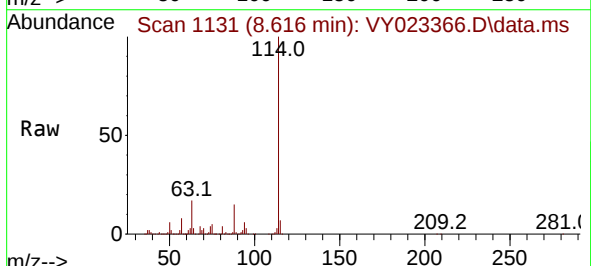
Tgt Ion: 114 Resp: 889198

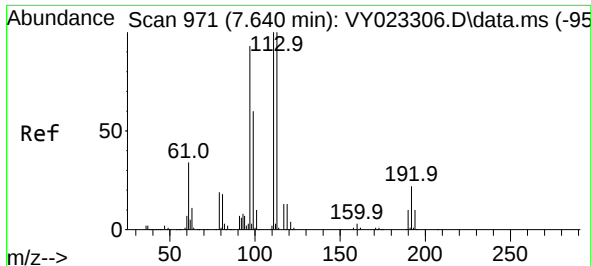
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

88 14.6 0.0 30.0

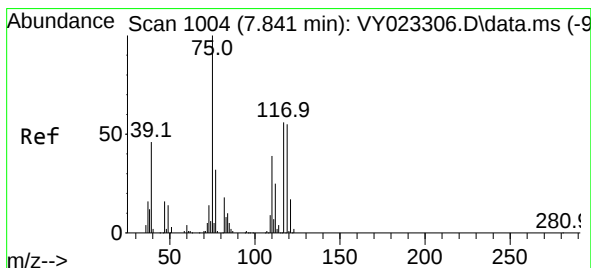
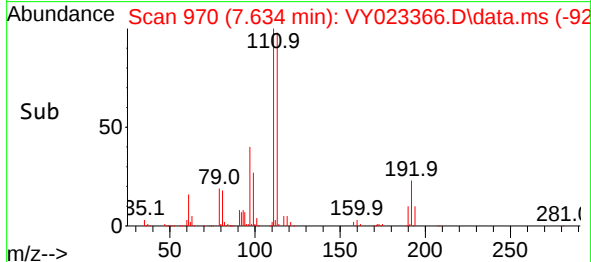
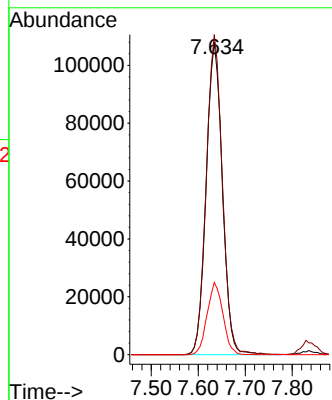
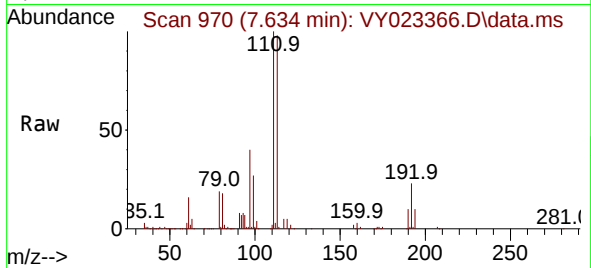




#35
Dibromofluoromethane
Concen: 47.358 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

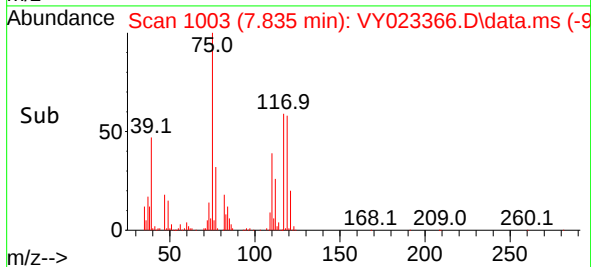
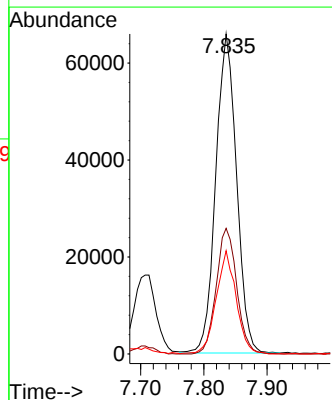
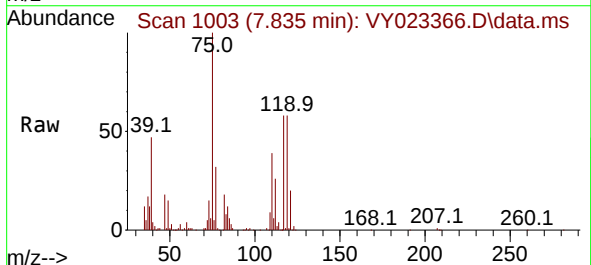
Instrument :
MSVOA_Y
ClientSampleId :

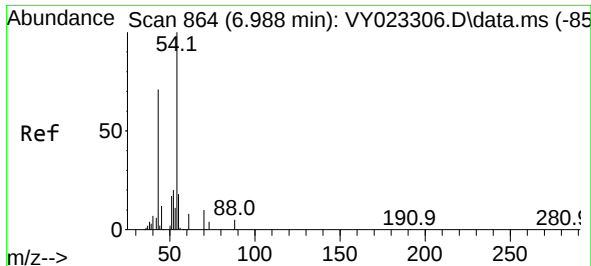
Tgt Ion:113 Resp: 257407
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 22.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.386 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 75 Resp: 150075
Ion Ratio Lower Upper
75 100
110 38.9 18.1 54.4
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 19.661 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

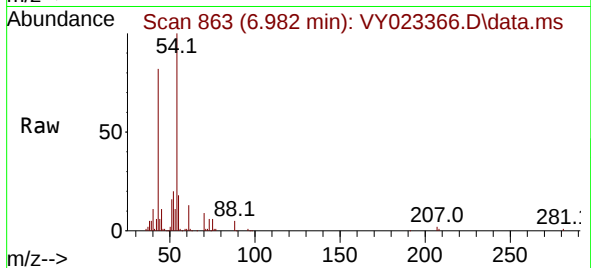
Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :



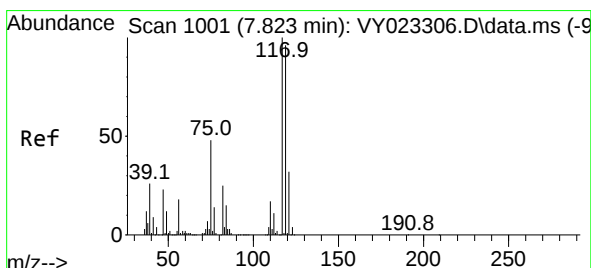
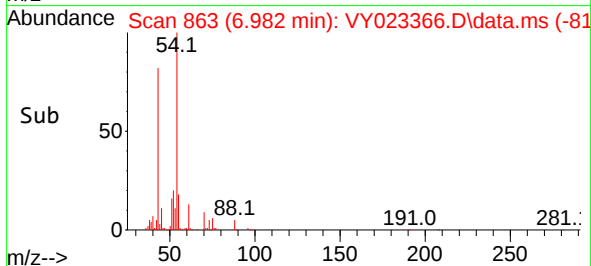
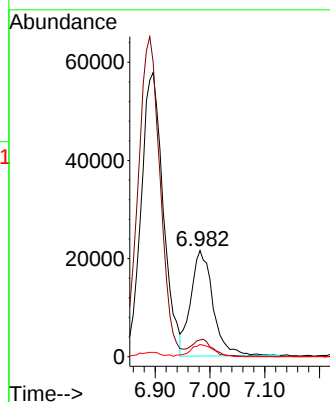
Tgt Ion: 43 Resp: 60547

Ion Ratio Lower Upper

43 100

61 16.1 11.9 17.9

70 12.0 8.8 13.2



#38

Carbon Tetrachloride

Concen: 19.750 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

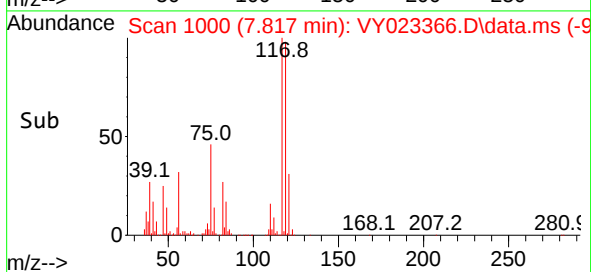
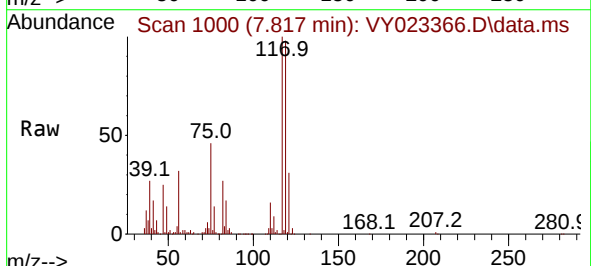
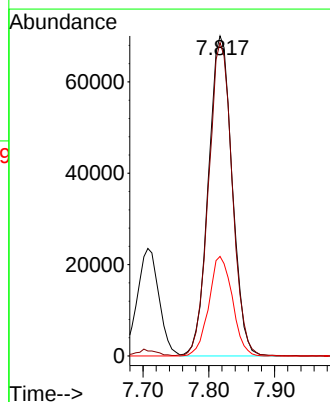
Tgt Ion: 117 Resp: 175932

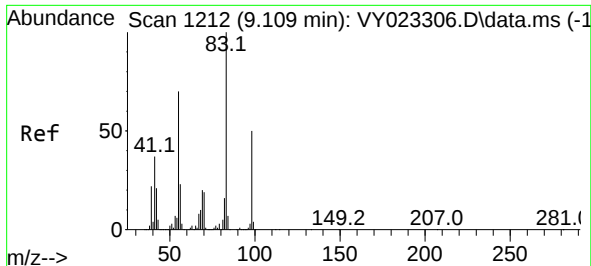
Ion Ratio Lower Upper

117 100

119 97.7 75.6 113.4

121 31.1 25.8 38.8





#39

Methylcyclohexane

Concen: 20.173 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

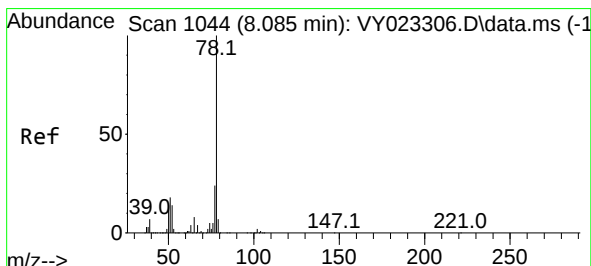
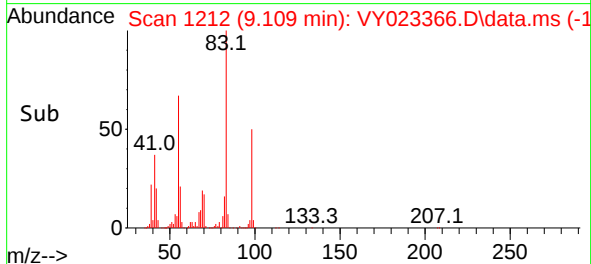
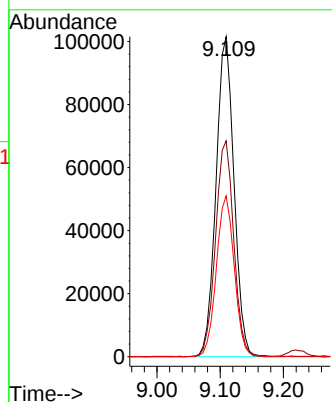
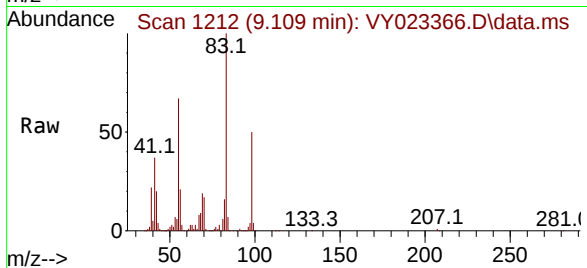
Tgt Ion: 83 Resp: 199790

Ion Ratio Lower Upper

83 100

55 67.3 57.6 86.4

98 50.3 39.2 58.8



#40

Benzene

Concen: 19.808 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023366.D

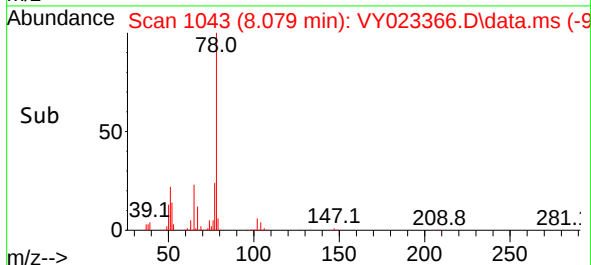
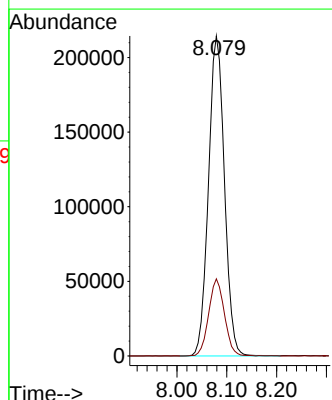
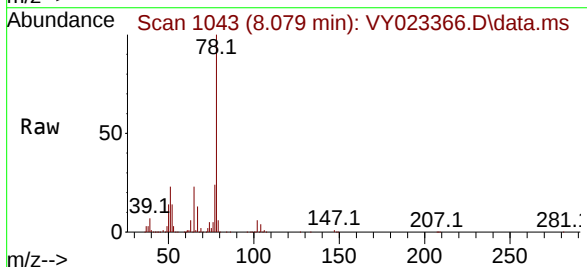
Acq: 25 Sep 2025 11:40

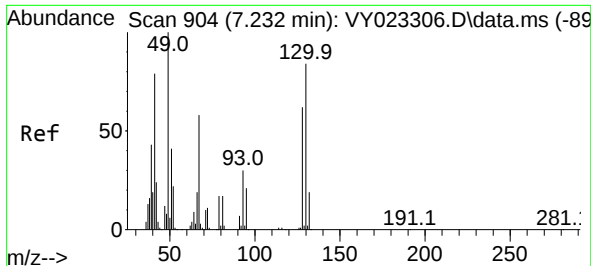
Tgt Ion: 78 Resp: 476629

Ion Ratio Lower Upper

78 100

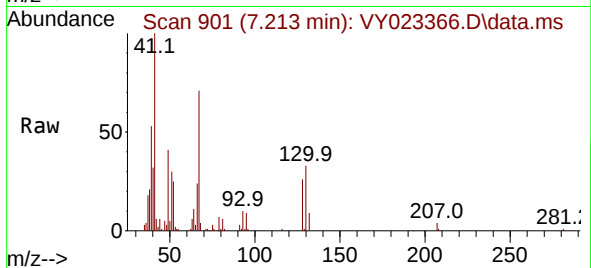
77 24.1 18.6 28.0



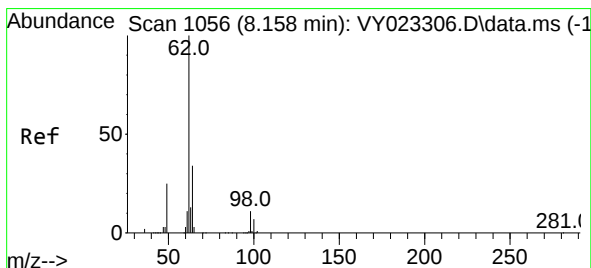
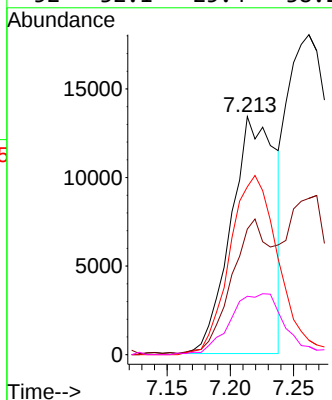
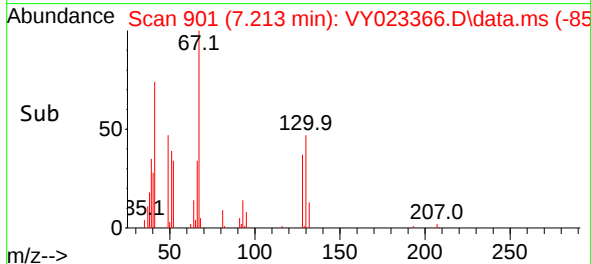


#41
Methacrylonitrile
Concen: 20.573 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

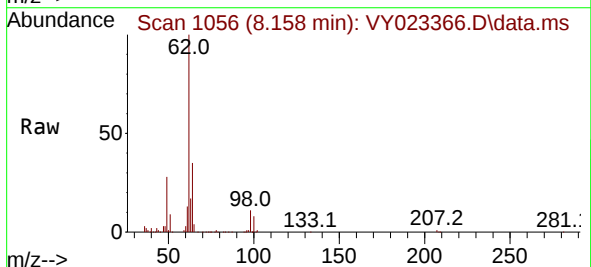
Instrument :
MSVOA_Y
ClientSampleId :



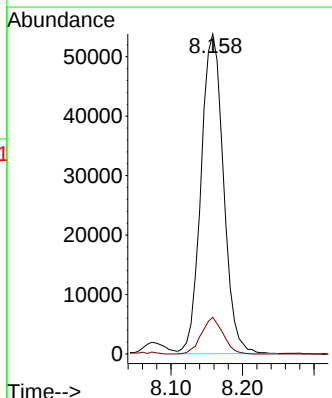
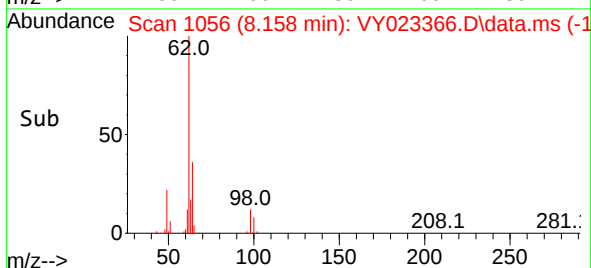
Tgt Ion:	41	Resp:	32809
Ion	Ratio	Lower	Upper
41	100		
39	47.1	43.4	65.2
67	83.0	63.6	95.4
52	32.1	25.4	38.2

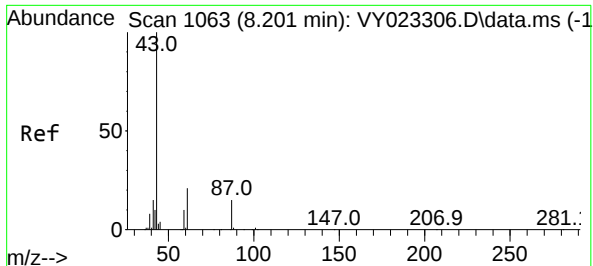


#42
1,2-Dichloroethane
Concen: 19.110 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40



Tgt Ion:	62	Resp:	117074
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 18.489 ug/l

RT: 8.195 min Scan# 110745

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

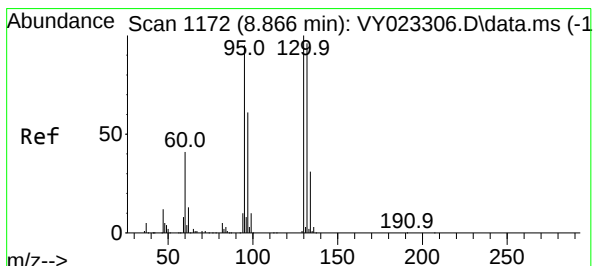
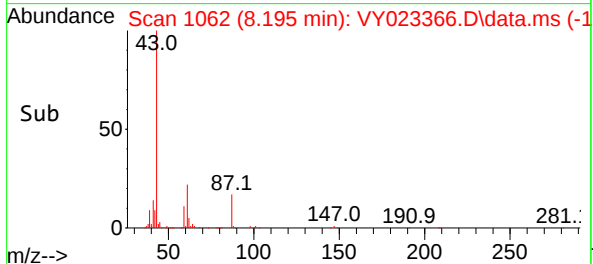
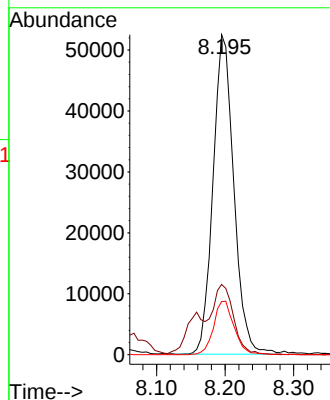
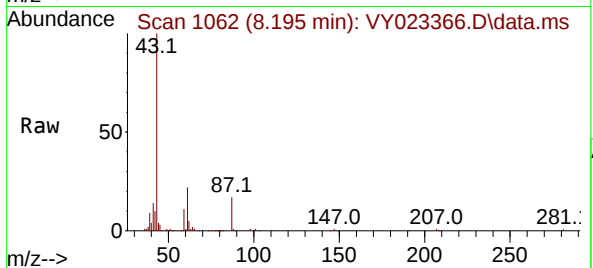
Tgt Ion: 43 Resp: 110745

Ion Ratio Lower Upper

43 100

61 22.5 16.4 24.6

87 16.5 11.8 17.6



#44

Trichloroethene

Concen: 20.263 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VY023366.D

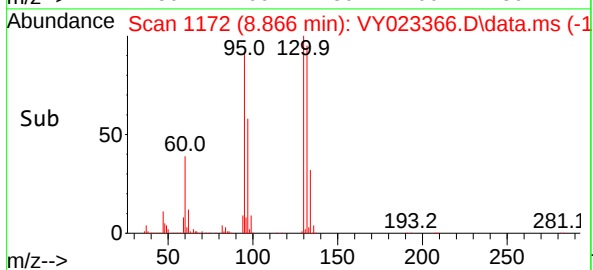
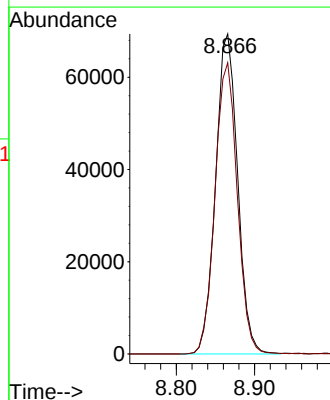
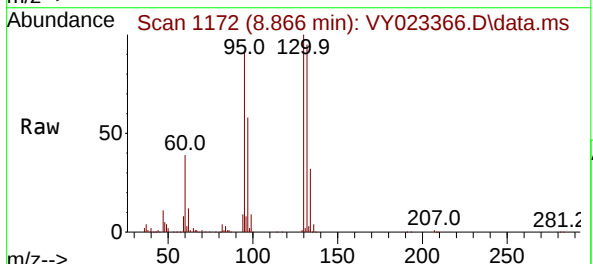
Acq: 25 Sep 2025 11:40

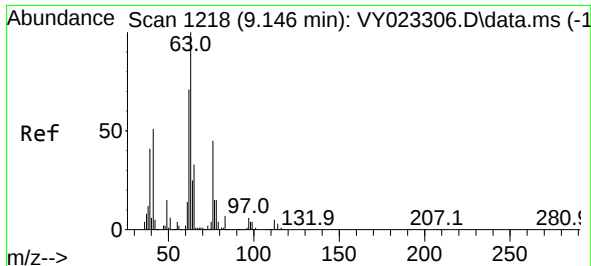
Tgt Ion:130 Resp: 135810

Ion Ratio Lower Upper

130 100

95 91.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 19.456 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

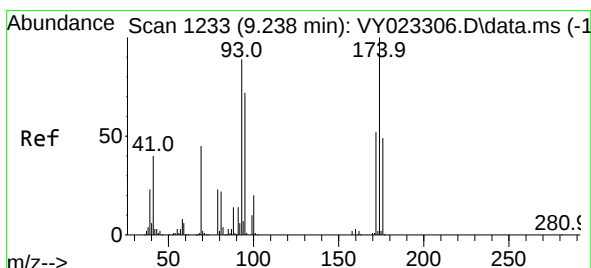
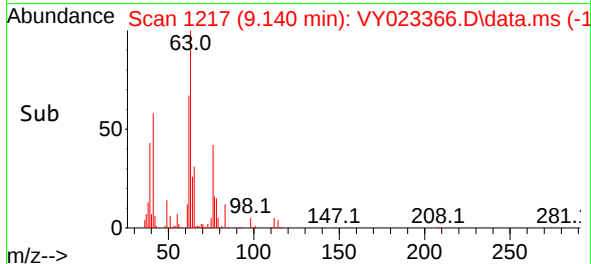
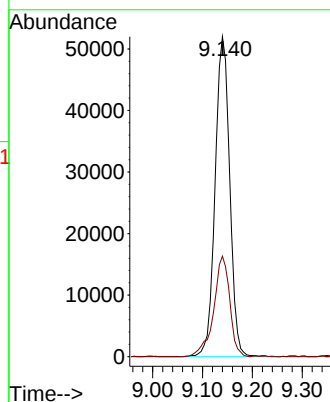
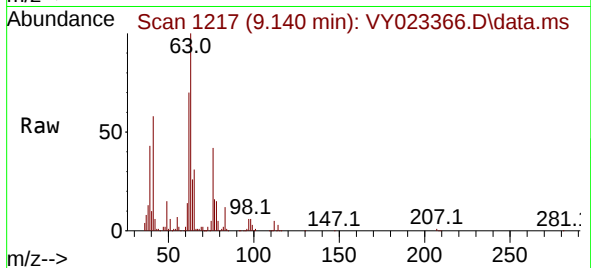
ClientSampleId :

Tgt Ion: 63 Resp: 105734

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9



#46

Dibromomethane

Concen: 18.894 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

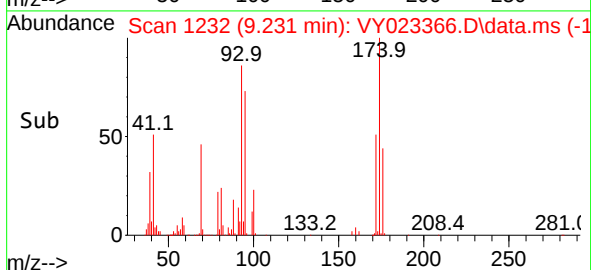
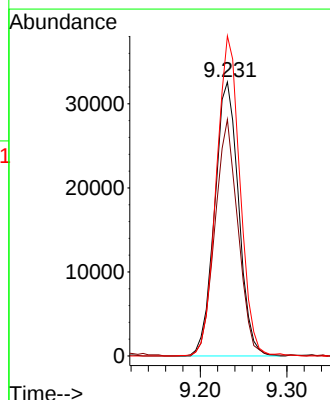
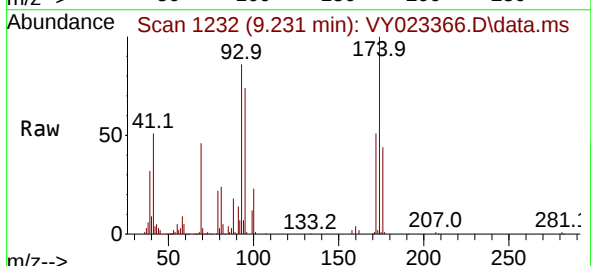
Tgt Ion: 93 Resp: 62530

Ion Ratio Lower Upper

93 100

95 83.4 66.5 99.7

174 115.3 81.8 122.8

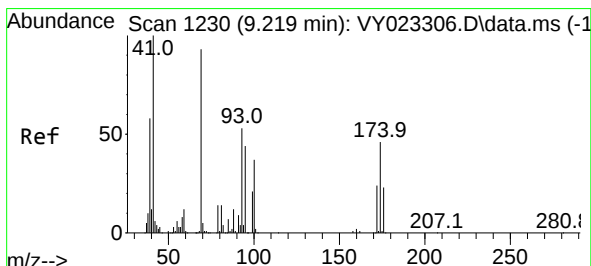
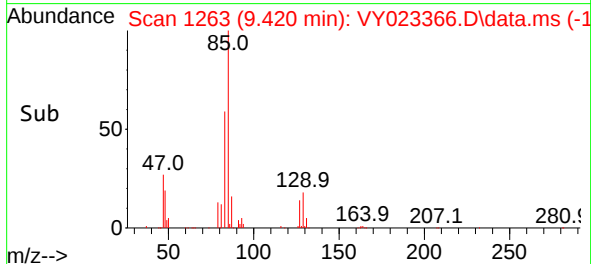
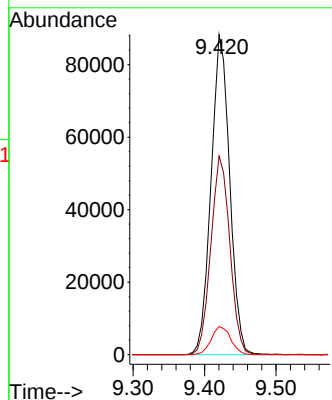
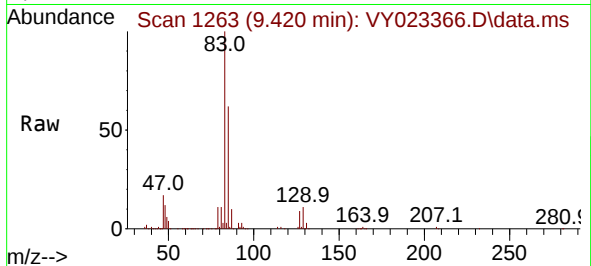




#47
Bromodichloromethane
Concen: 19.202 ug/l
RT: 9.420 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

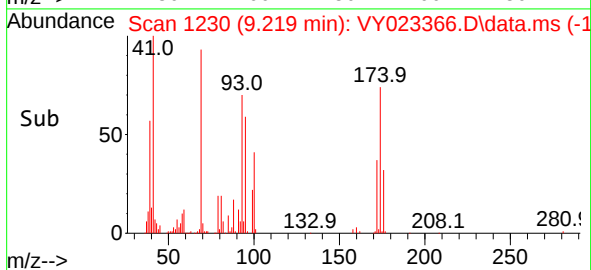
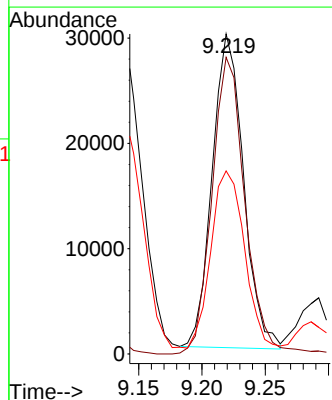
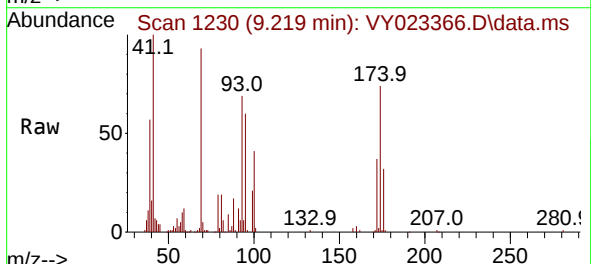
Instrument :
MSVOA_Y
ClientSampleId :

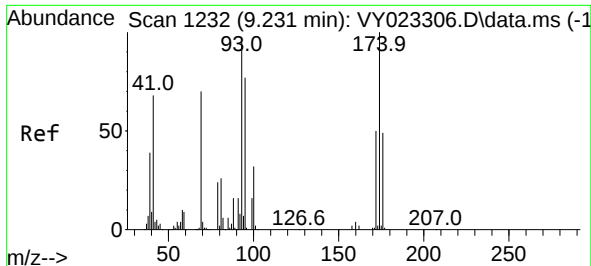
Tgt Ion: 83 Resp: 159874
Ion Ratio Lower Upper
83 100
85 62.1 50.2 75.4
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 18.346 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 41 Resp: 51218
Ion Ratio Lower Upper
41 100
69 100.4 73.2 109.8
39 60.9 47.0 70.4





#49

1,4-Dioxane

Concen: 425.779 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

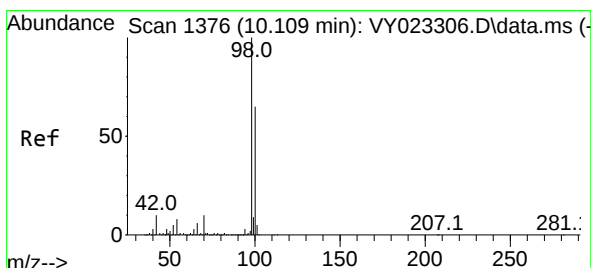
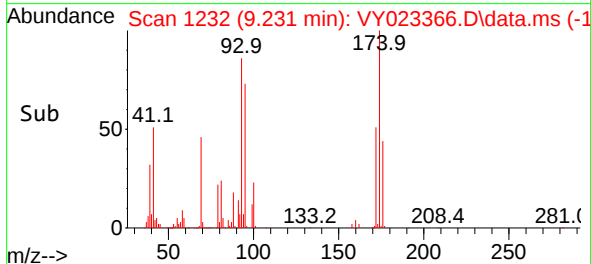
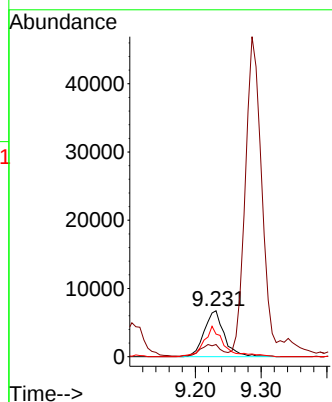
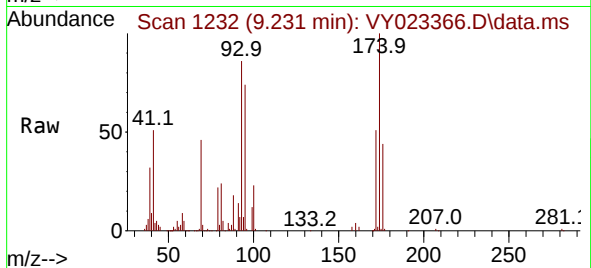
Tgt Ion: 88 Resp: 14304

Ion Ratio Lower Upper

88 100

43 26.1 24.3 36.5

58 65.5 55.4 83.0



#50

Toluene-d8

Concen: 47.654 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023366.D

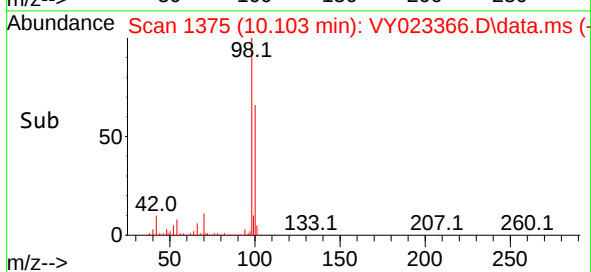
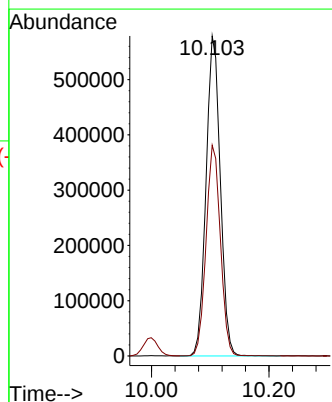
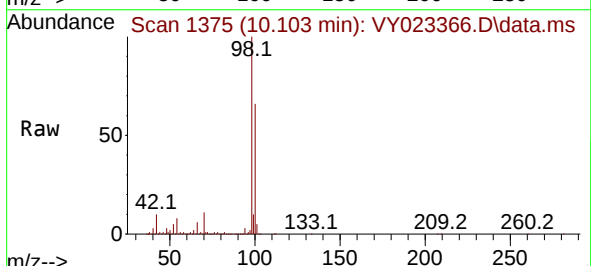
Acq: 25 Sep 2025 11:40

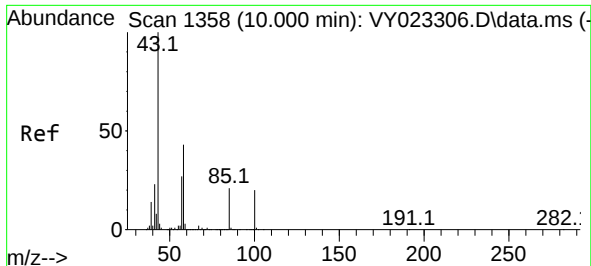
Tgt Ion: 98 Resp: 978070

Ion Ratio Lower Upper

98 100

100 66.2 52.3 78.5

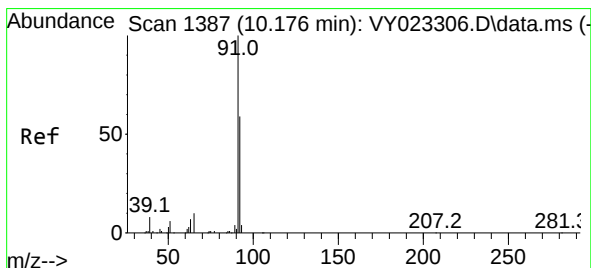
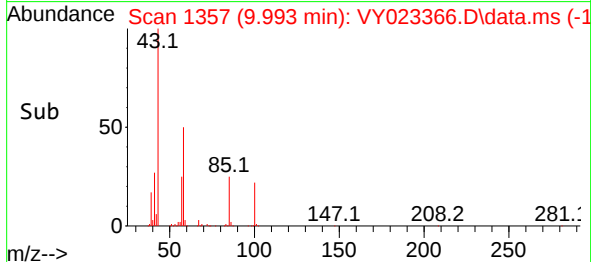
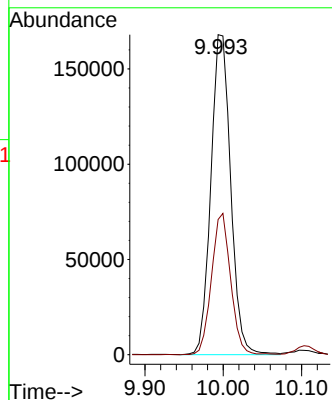
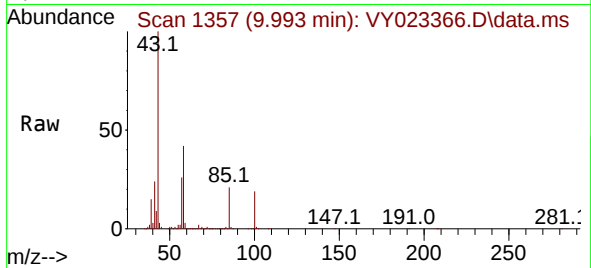




#51
4-Methyl-2-Pentanone
Concen: 96.501 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

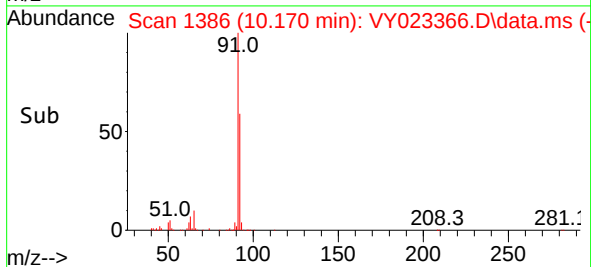
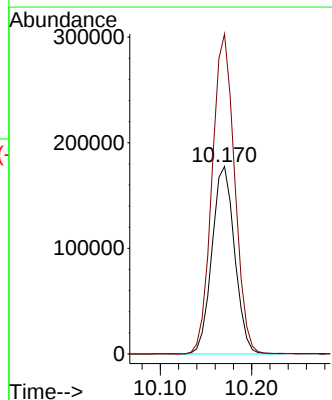
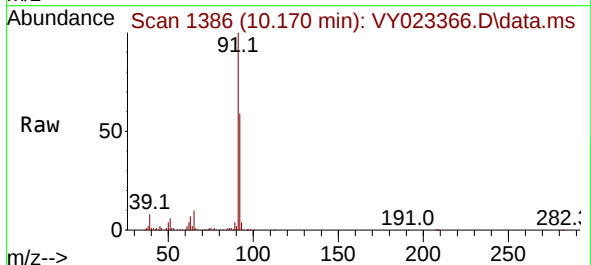
Instrument :
MSVOA_Y
ClientSampleId :

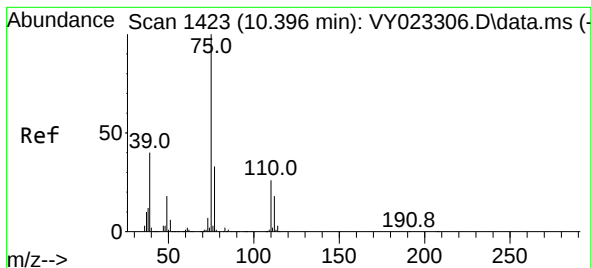
Tgt Ion: 43 Resp: 295709
Ion Ratio Lower Upper
43 100
58 42.6 33.5 50.3



#52
Toluene
Concen: 19.944 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 92 Resp: 304551
Ion Ratio Lower Upper
92 100
91 170.5 136.4 204.6

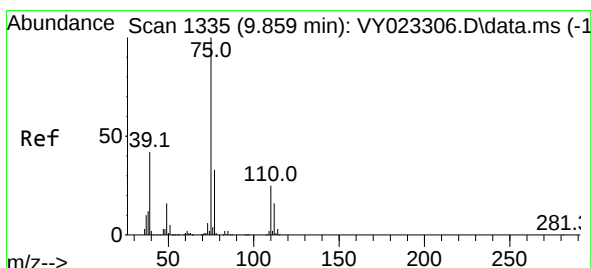
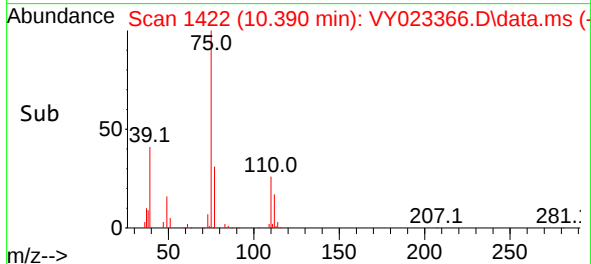
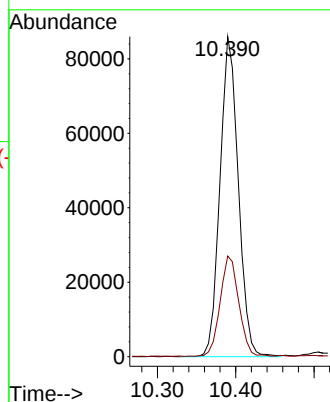
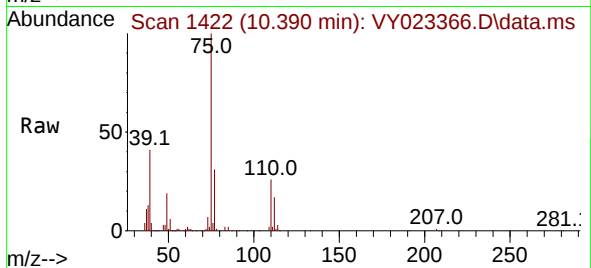




#53
 t-1,3-Dichloropropene
 Concen: 19.524 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023366.D
 Acq: 25 Sep 2025 11:40

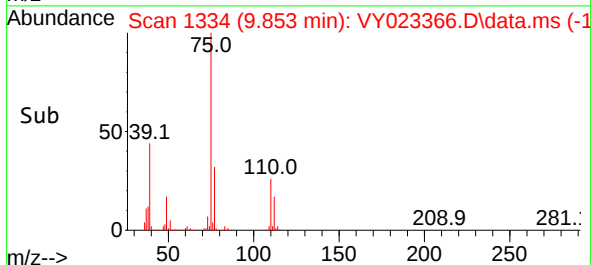
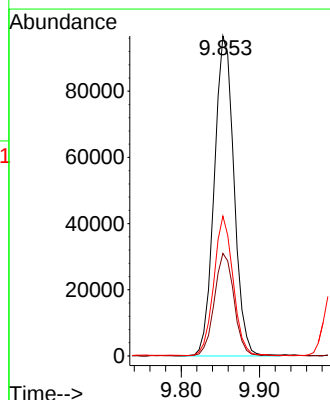
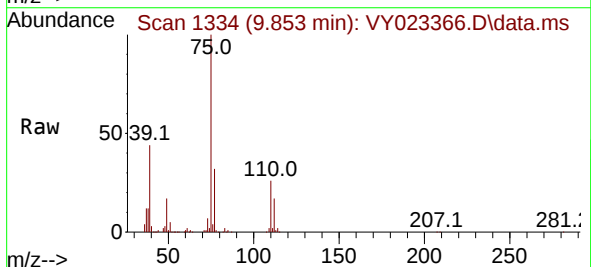
Instrument :
 MSVOA_Y
 ClientSampleId :

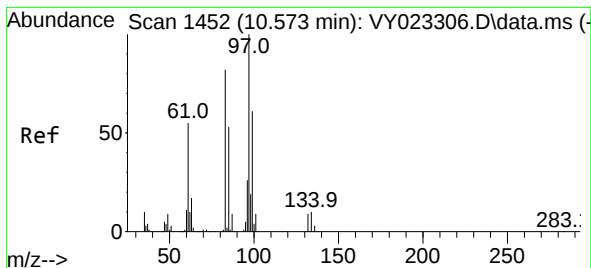
Tgt Ion: 75 Resp: 139955
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.792 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023366.D
 Acq: 25 Sep 2025 11:40

Tgt Ion: 75 Resp: 169530
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 43.5 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 18.763 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 82603

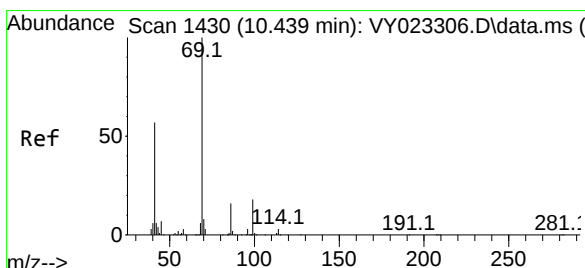
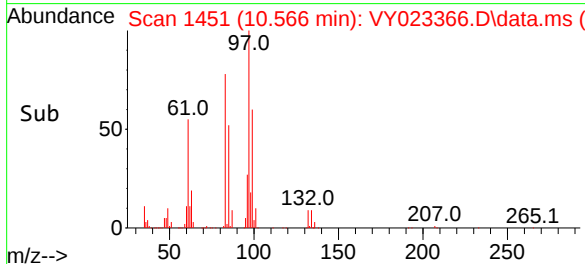
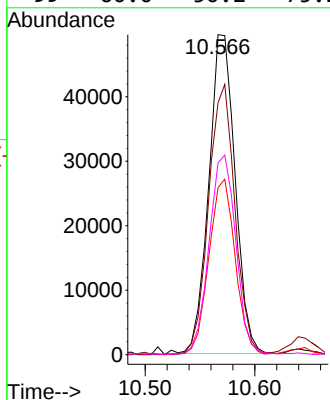
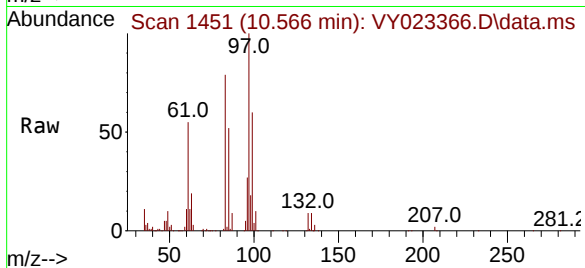
Ion Ratio Lower Upper

97 100

83 78.8 67.7 101.5

85 52.1 44.5 66.7

99 60.0 50.2 75.2



#56

Ethyl methacrylate

Concen: 18.326 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

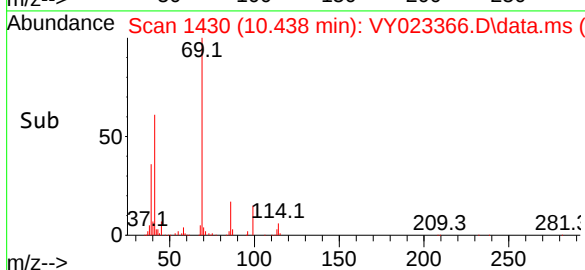
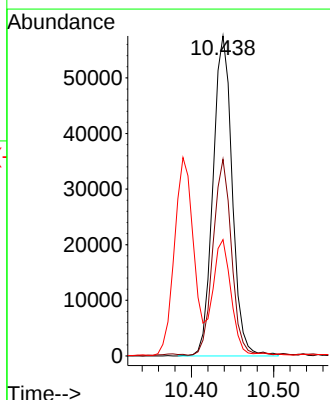
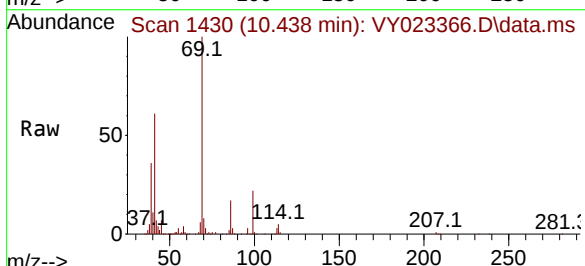
Tgt Ion: 69 Resp: 93470

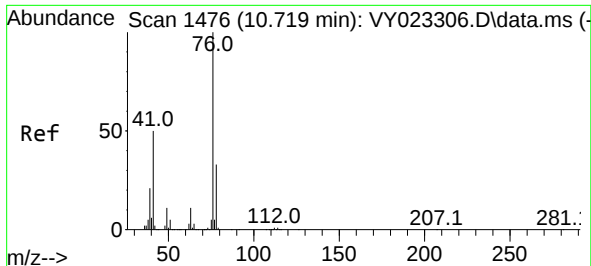
Ion Ratio Lower Upper

69 100

41 58.7 48.6 72.8

39 33.4 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.079 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

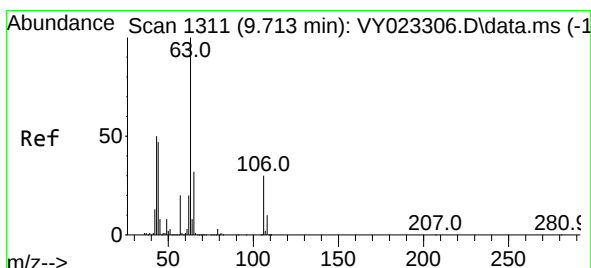
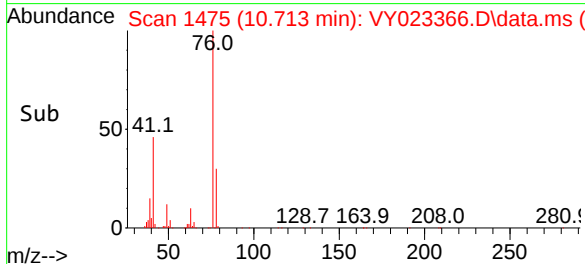
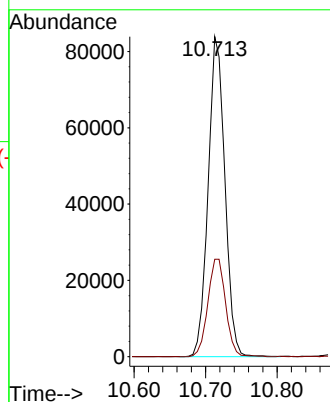
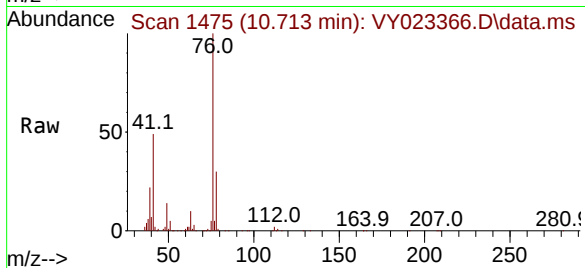
ClientSampleId :

Tgt Ion: 76 Resp: 136358

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 92.223 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023366.D

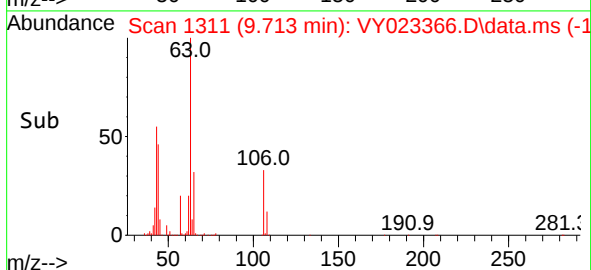
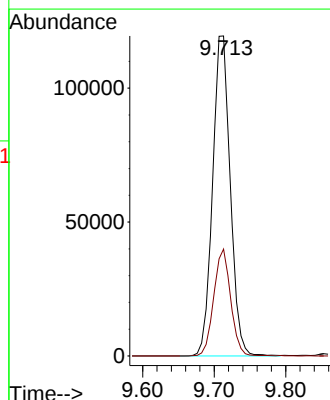
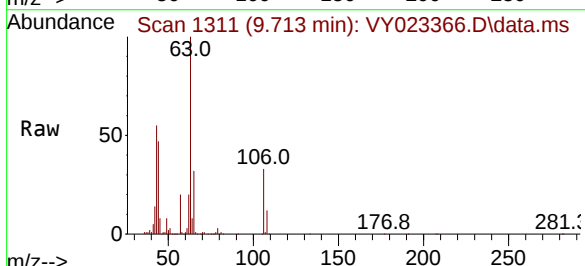
Acq: 25 Sep 2025 11:40

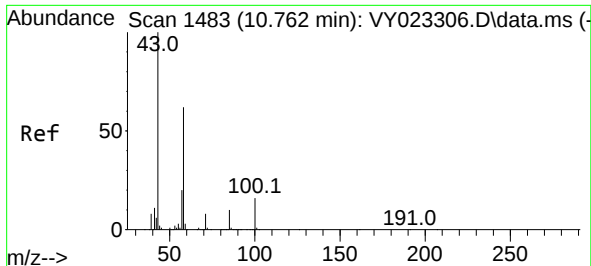
Tgt Ion: 63 Resp: 205007

Ion Ratio Lower Upper

63 100

106 32.0 23.2 34.8





#59

2-Hexanone

Concen: 106.986 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

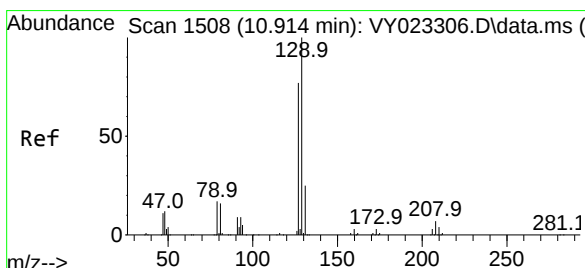
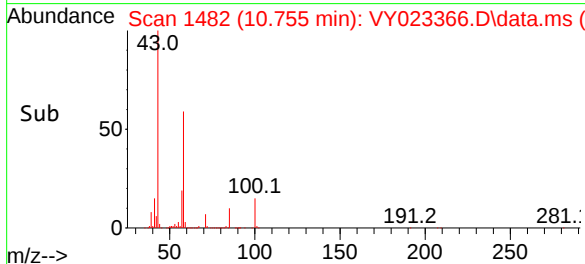
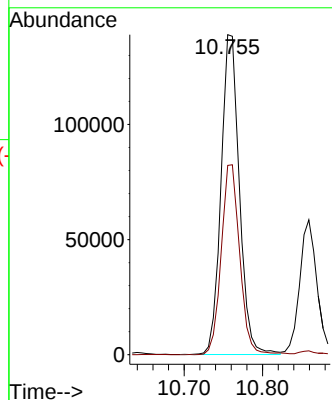
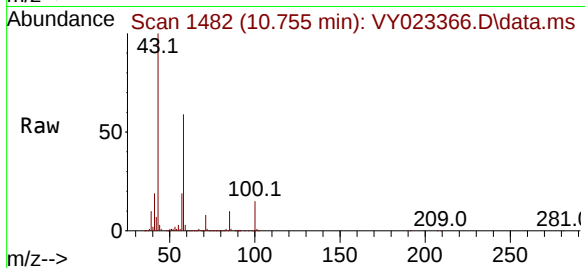
ClientSampleId :

Tgt Ion: 43 Resp: 226634

Ion Ratio Lower Upper

43 100

58 59.9 29.5 88.5



#60

Dibromochloromethane

Concen: 19.396 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY023366.D

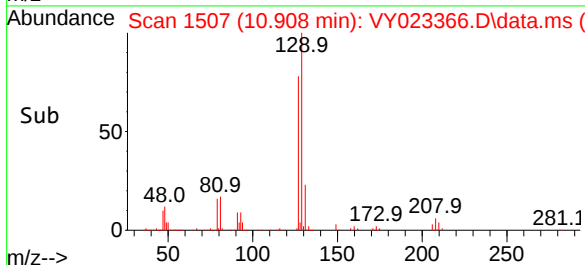
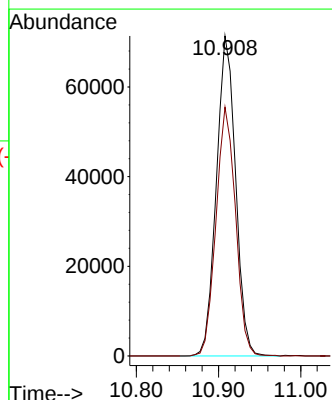
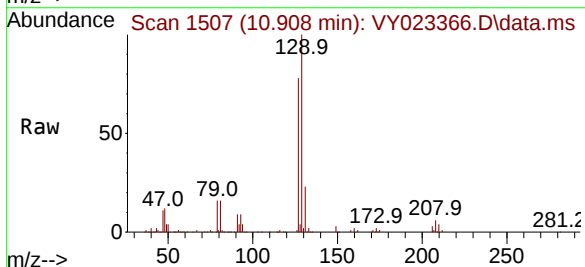
Acq: 25 Sep 2025 11:40

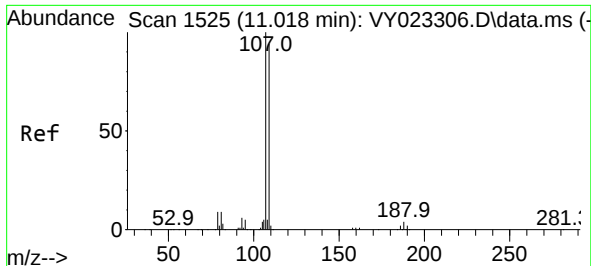
Tgt Ion: 129 Resp: 115856

Ion Ratio Lower Upper

129 100

127 79.1 38.5 115.5

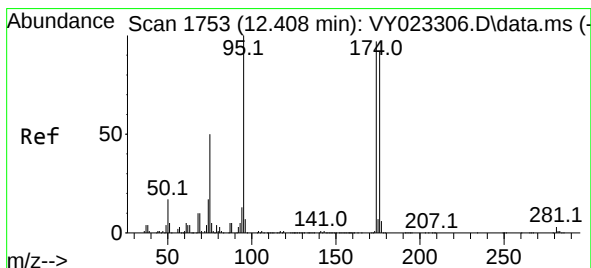
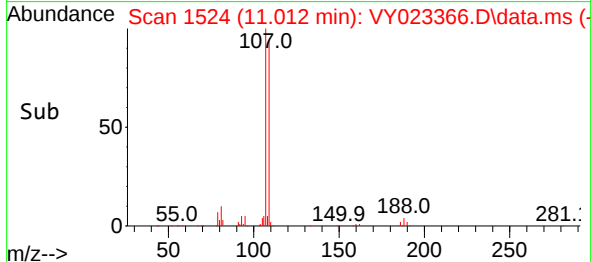
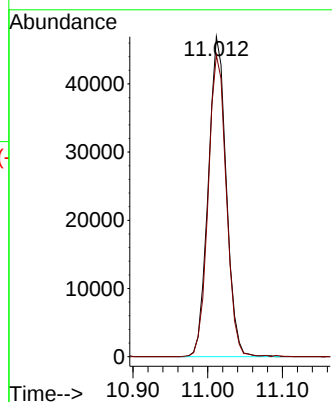
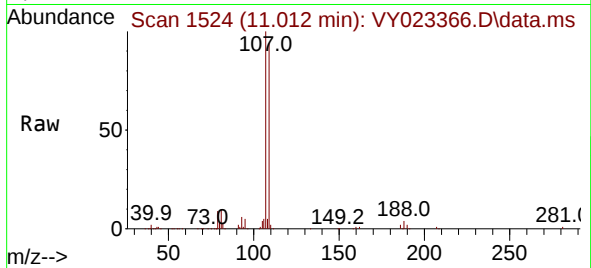




#61
1,2-Dibromoethane
Concen: 19.043 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

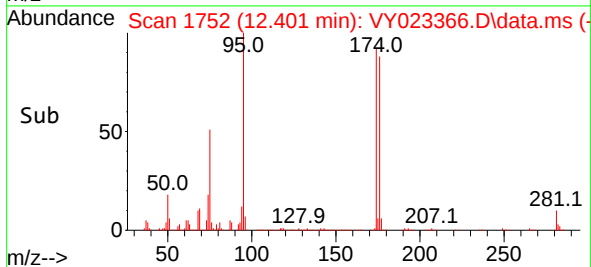
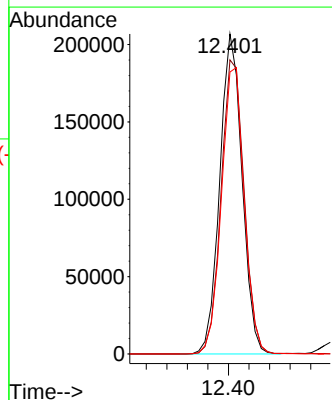
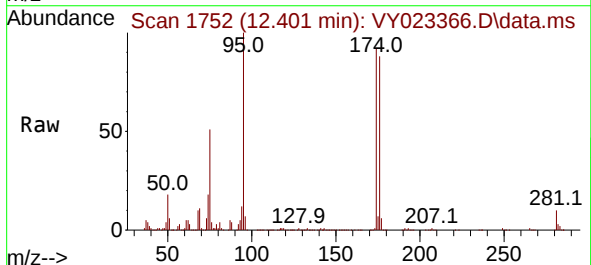
Instrument :
MSVOA_Y
ClientSampleId :

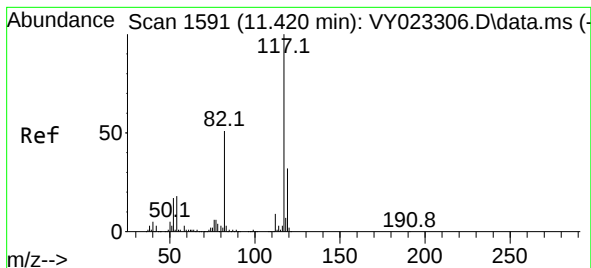
Tgt Ion:107 Resp: 78556
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.210 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 95 Resp: 311387
Ion Ratio Lower Upper
95 100
174 94.8 0.0 171.6
176 91.3 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: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

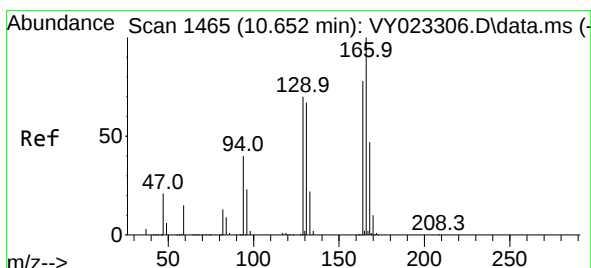
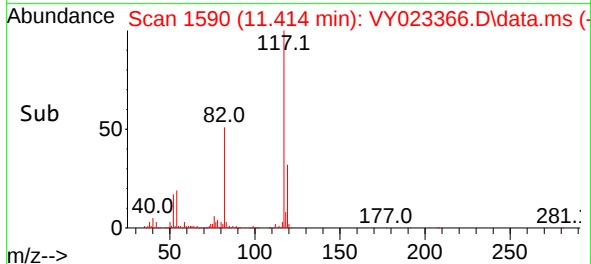
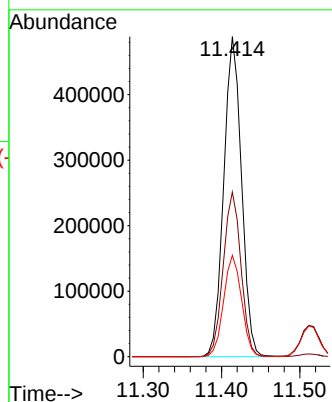
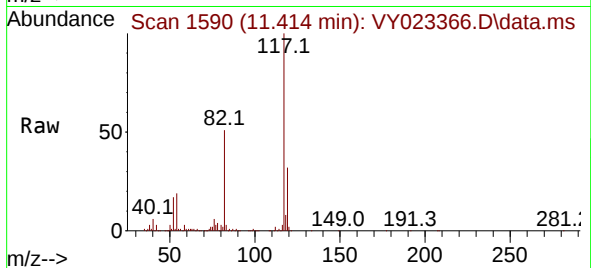
Tgt Ion:117 Resp: 770961

Ion Ratio Lower Upper

117 100

82 51.5 43.4 65.0

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 21.195 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Tgt Ion:164 Resp: 162859

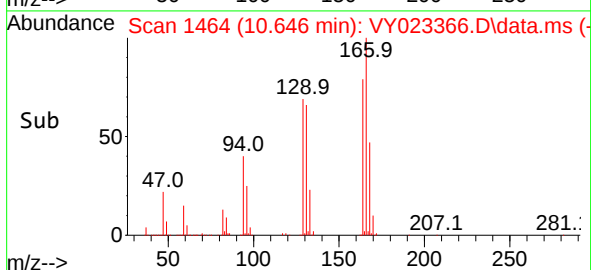
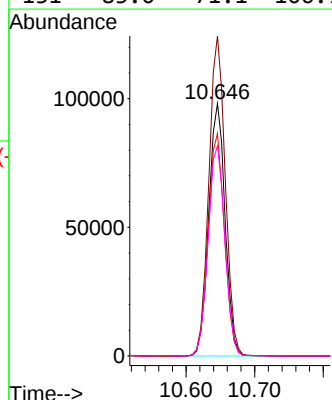
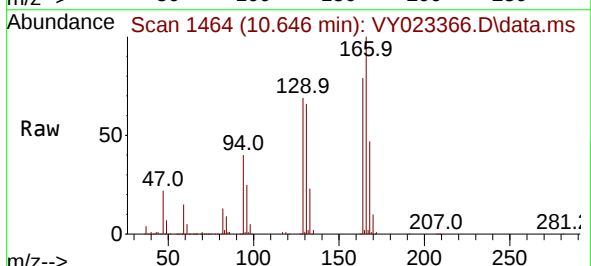
Ion Ratio Lower Upper

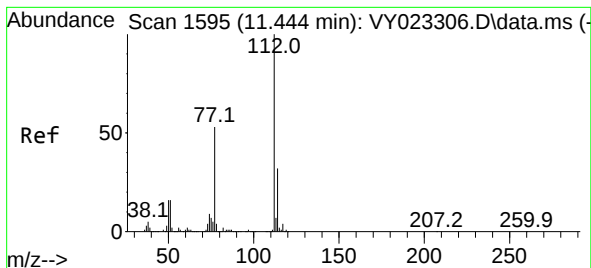
164 100

166 126.7 101.1 151.7

129 88.0 74.0 111.0

131 83.0 71.1 106.7





#65

Chlorobenzene

Concen: 20.176 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

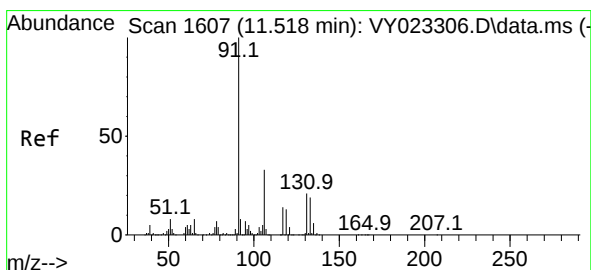
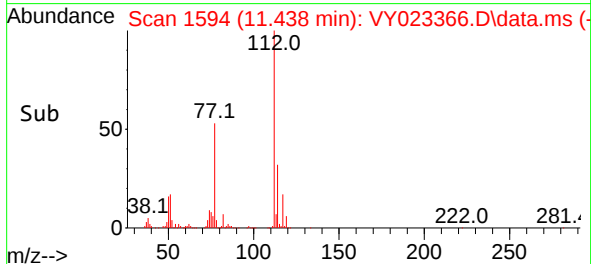
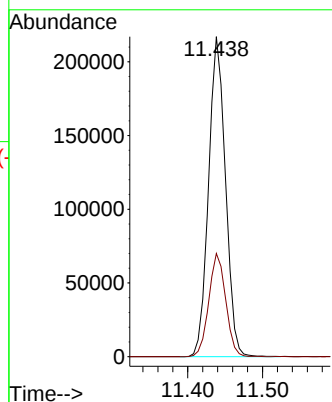
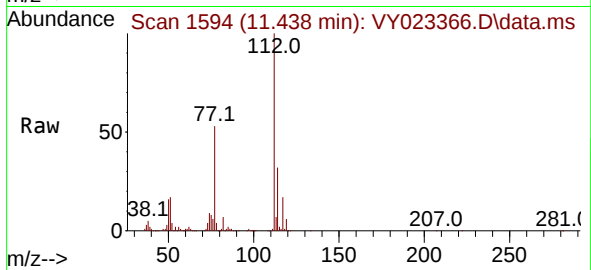
ClientSampleId :

Tgt Ion:112 Resp: 340773

Ion Ratio Lower Upper

112 100

114 32.2 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.879 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

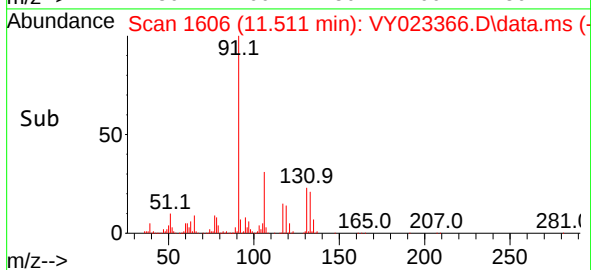
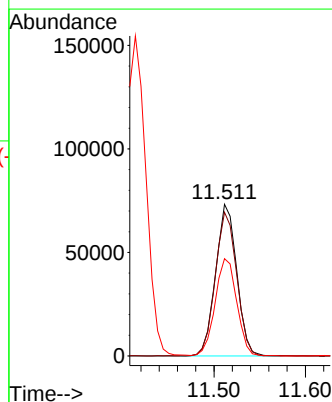
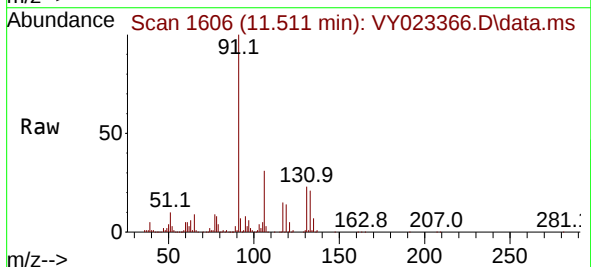
Tgt Ion:131 Resp: 117850

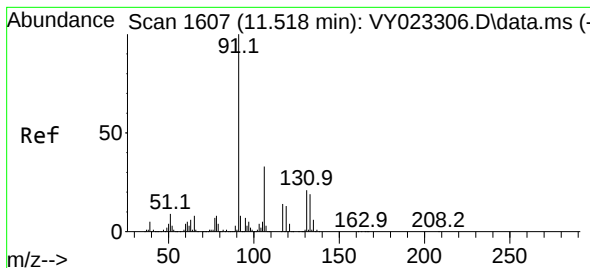
Ion Ratio Lower Upper

131 100

133 96.0 46.9 140.6

119 65.7 33.2 99.6





#67

Ethyl Benzene

Concen: 20.285 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

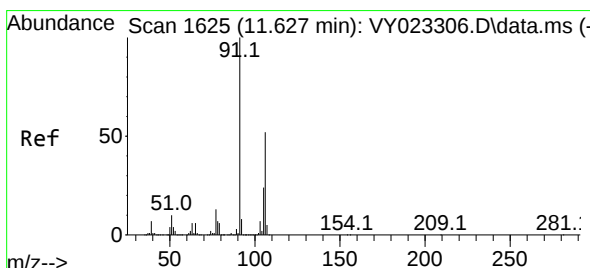
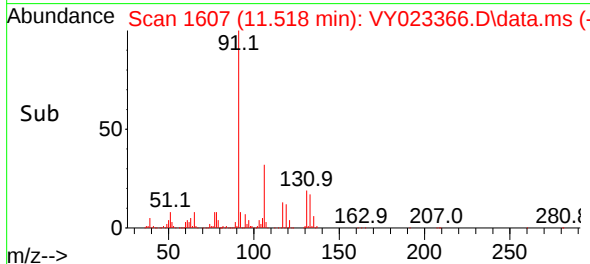
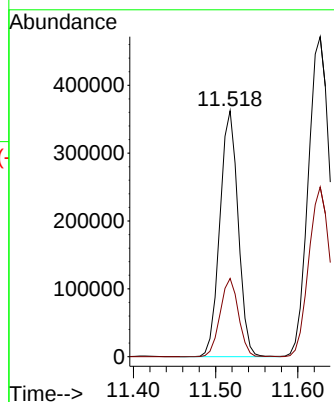
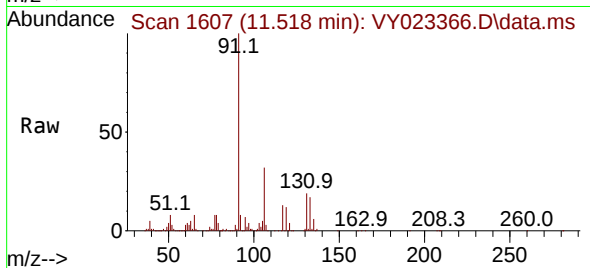
ClientSampleId :

Tgt Ion: 91 Resp: 559720

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 40.754 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023366.D

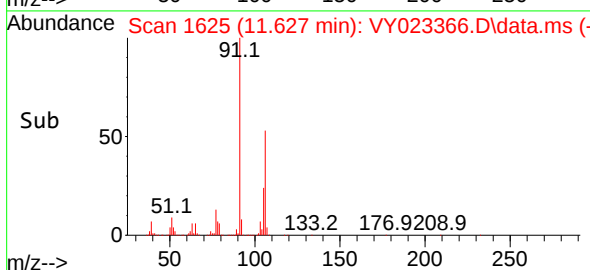
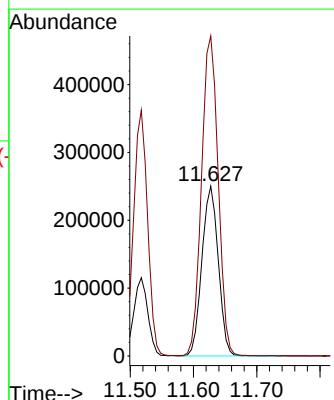
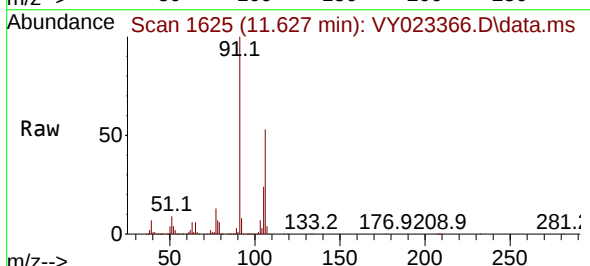
Acq: 25 Sep 2025 11:40

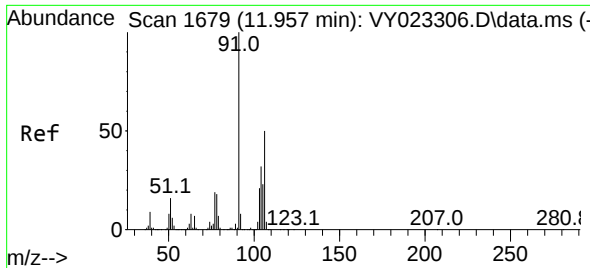
Tgt Ion: 106 Resp: 450282

Ion Ratio Lower Upper

106 100

91 191.6 158.6 238.0

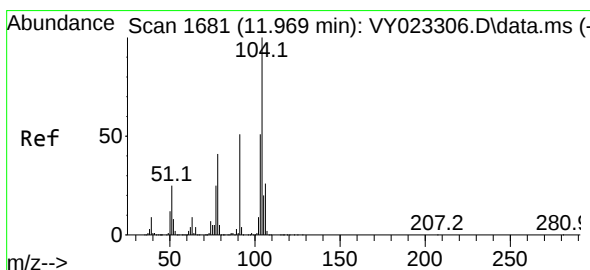
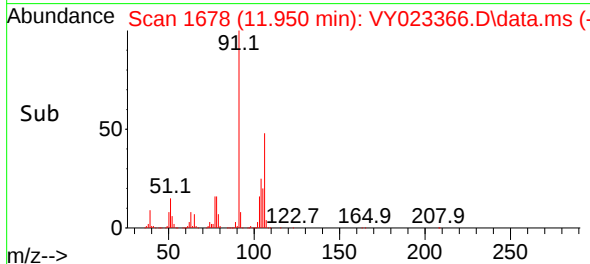
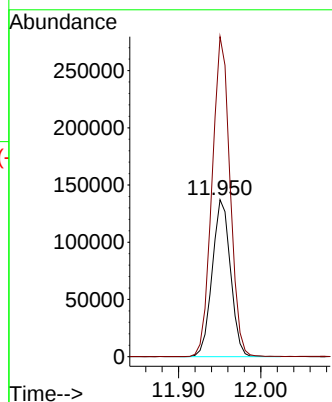
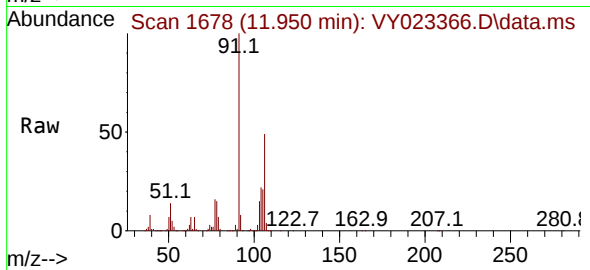




#69
o-Xylene
Concen: 20.748 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

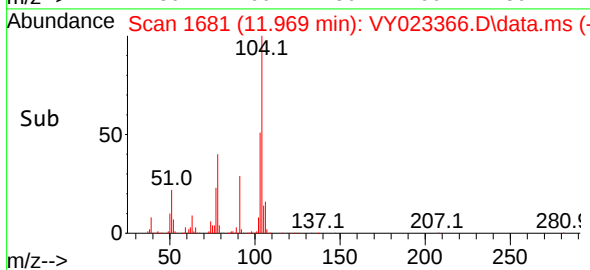
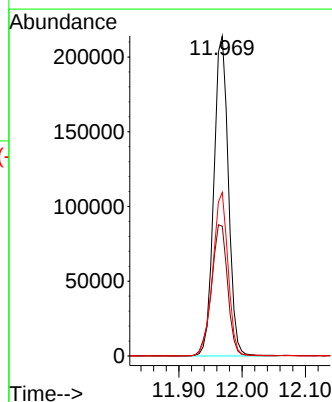
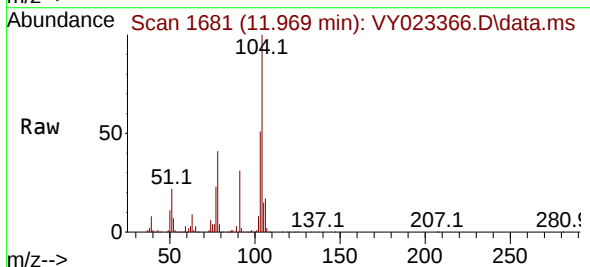
Instrument :
MSVOA_Y
ClientSampleId :

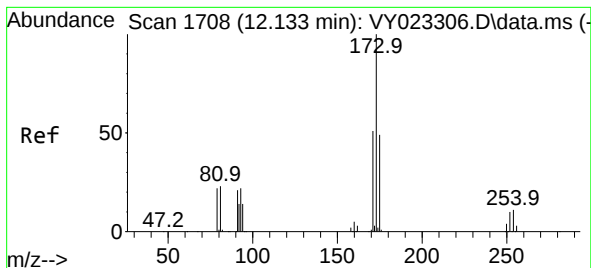
Tgt Ion:106 Resp: 212209
Ion Ratio Lower Upper
106 100
91 200.5 103.2 309.4



#70
Styrene
Concen: 20.141 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion:104 Resp: 341419
Ion Ratio Lower Upper
104 100
78 45.5 38.5 57.7
103 54.2 43.7 65.5





#71

Bromoform

Concen: 19.638 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

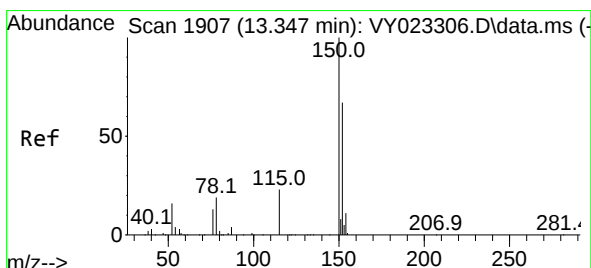
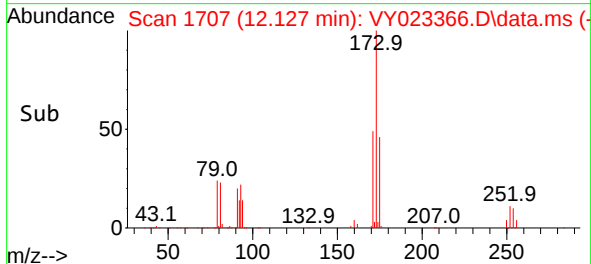
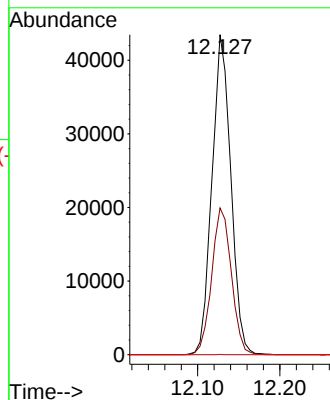
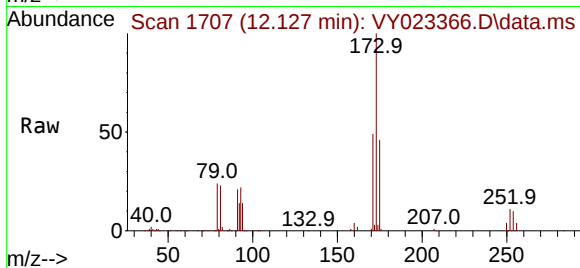
Tgt Ion:173 Resp: 69328

Ion Ratio Lower Upper

173 100

175 47.7 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

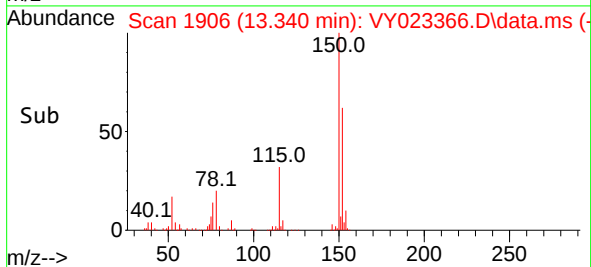
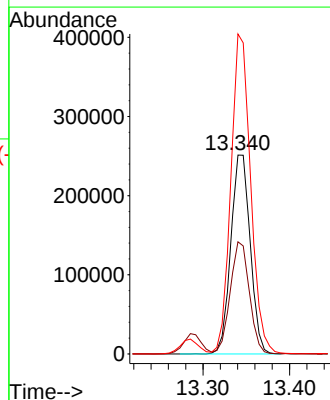
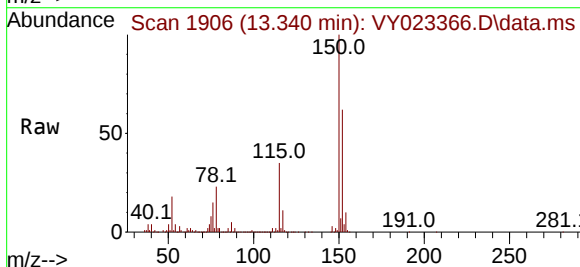
Tgt Ion:152 Resp: 390902

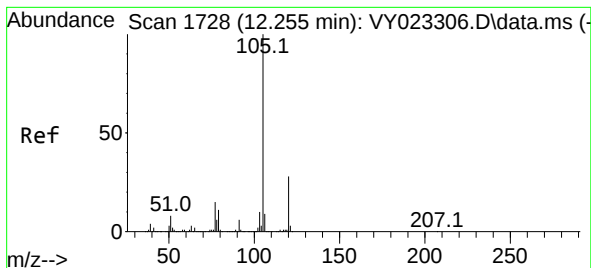
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.6

150 163.9 0.0 348.0





#73

Isopropylbenzene

Concen: 20.596 ug/l

RT: 12.249 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

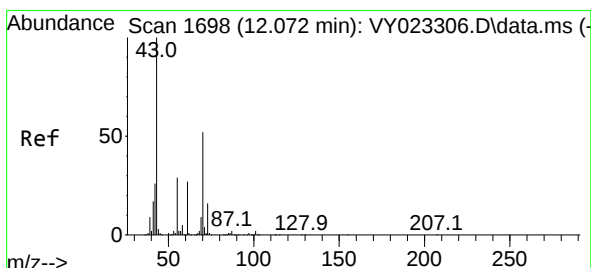
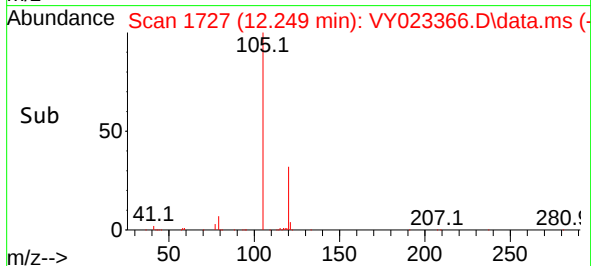
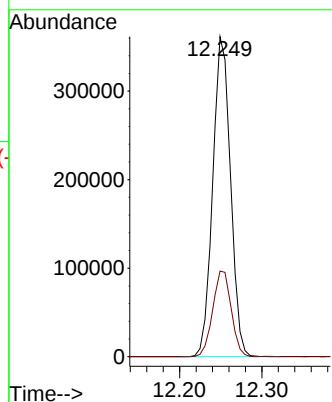
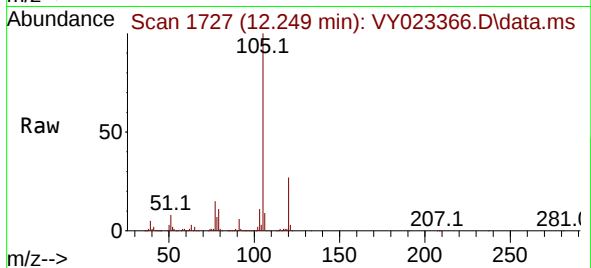
ClientSampleId :

Tgt Ion:105 Resp: 542313

Ion Ratio Lower Upper

105 100

120 27.9 13.4 40.2



#74

N-ethyl acetate

Concen: 19.065 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Tgt Ion: 43 Resp: 94890

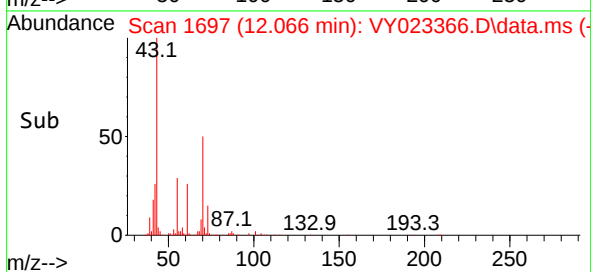
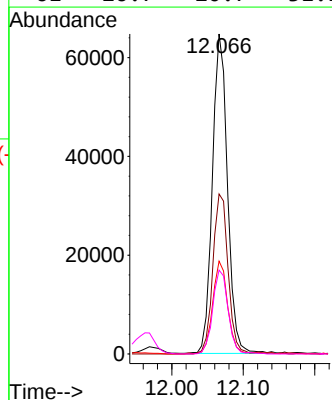
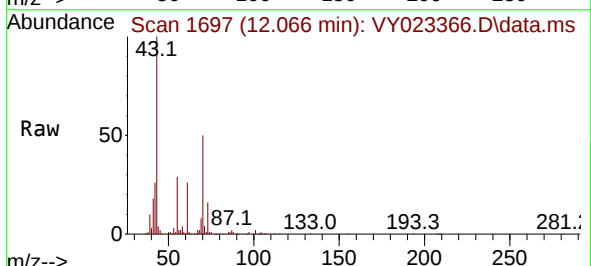
Ion Ratio Lower Upper

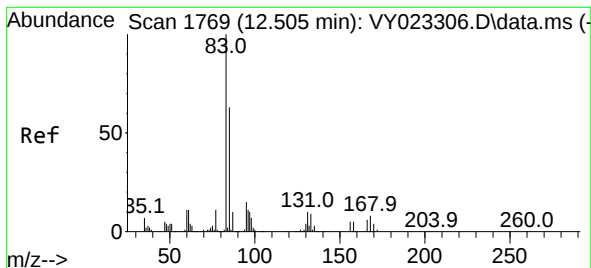
43 100

70 50.4 37.5 56.3

55 29.4 20.7 31.1

61 26.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.004 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

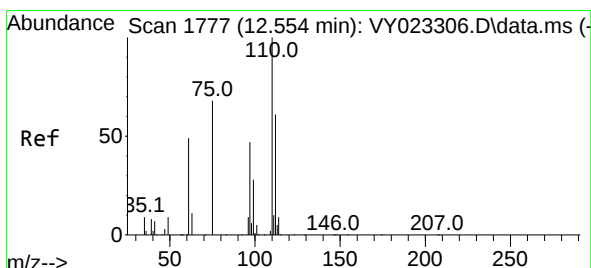
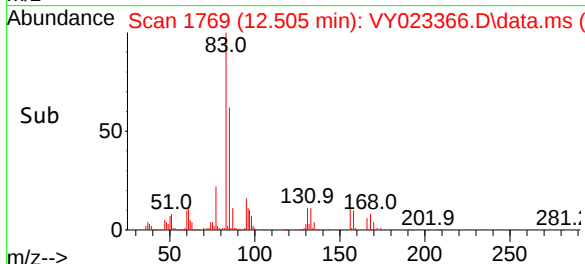
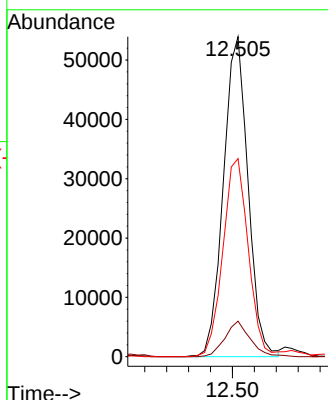
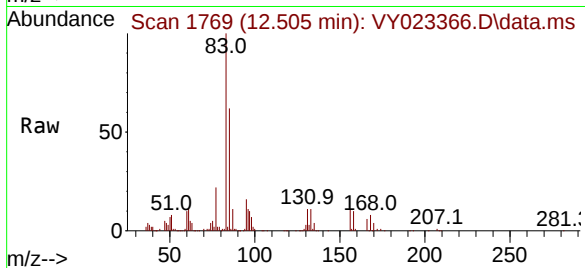
Tgt Ion: 83 Resp: 83981

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.3

85 64.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 28.878 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023366.D

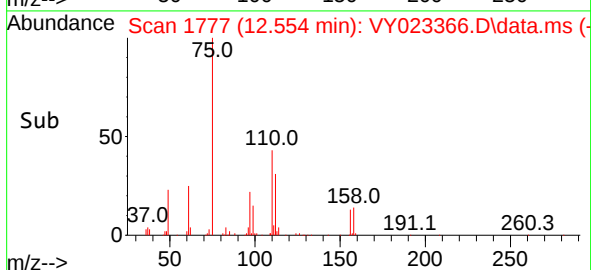
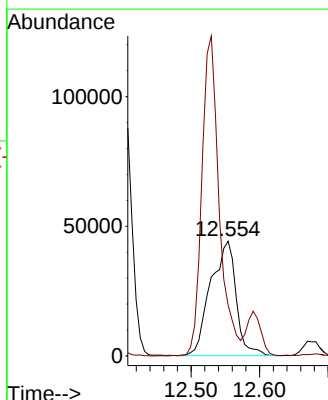
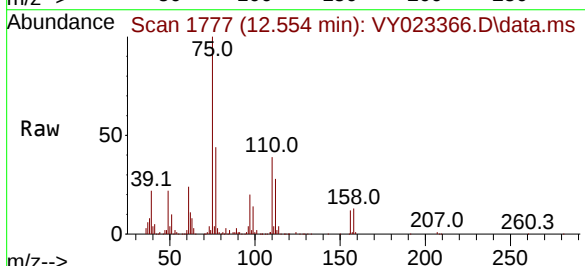
Acq: 25 Sep 2025 11:40

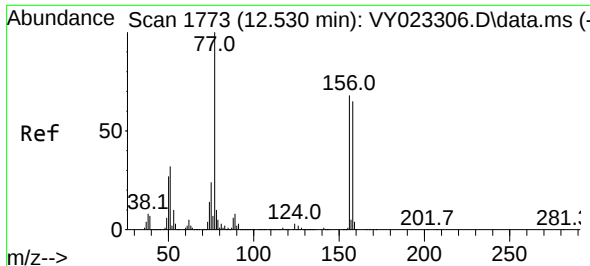
Tgt Ion: 75 Resp: 114318

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

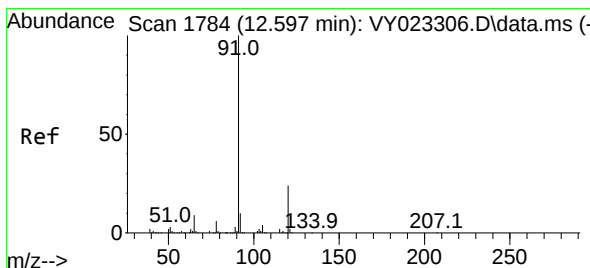
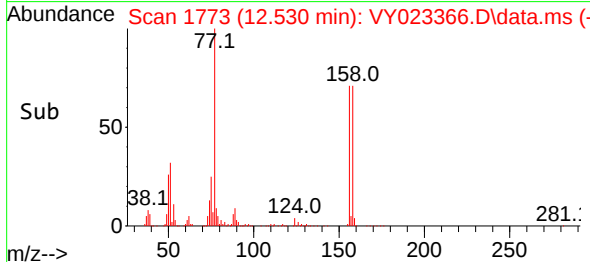
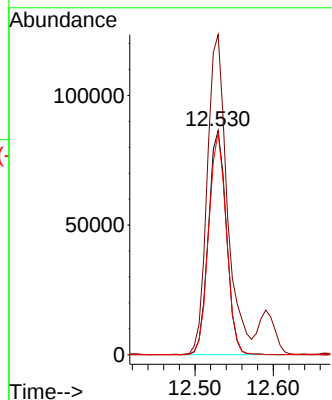
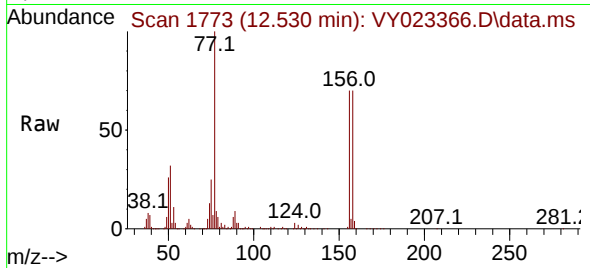




#77
Bromobenzene
Concen: 20.413 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

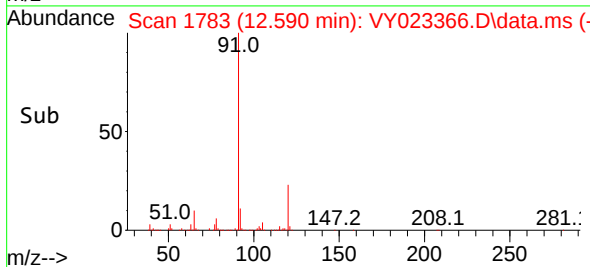
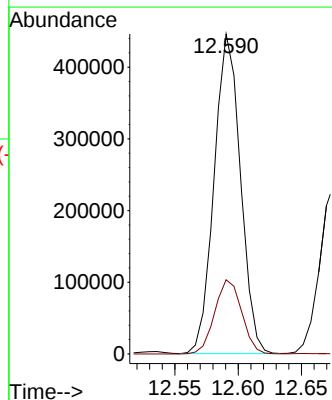
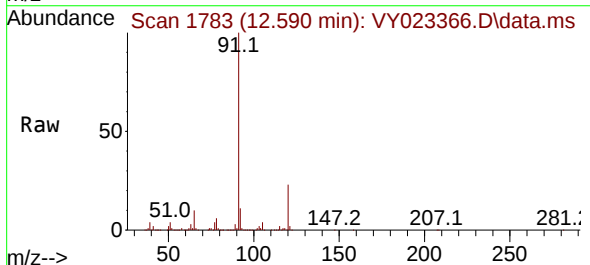
Instrument :
MSVOA_Y
ClientSampleId :

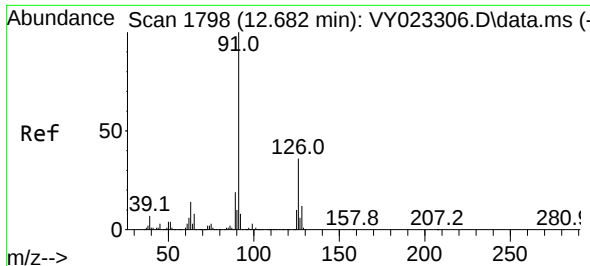
Tgt Ion:156 Resp: 137321
Ion Ratio Lower Upper
156 100
77 159.0 88.1 264.4
158 97.6 48.0 144.0



#78
n-propylbenzene
Concen: 20.748 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 91 Resp: 643916
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.5

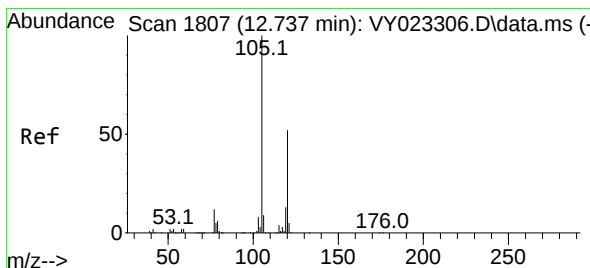
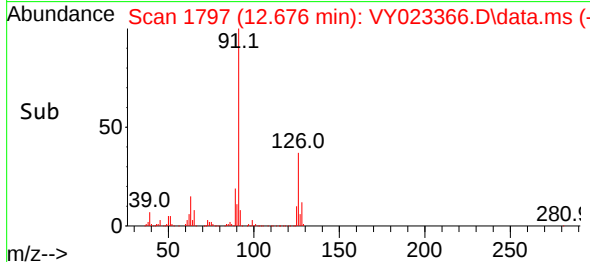
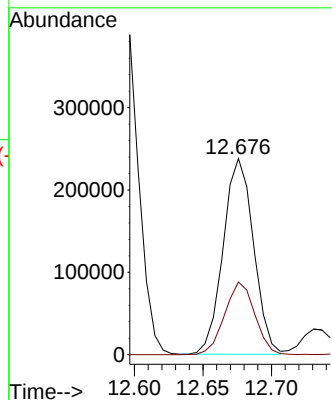
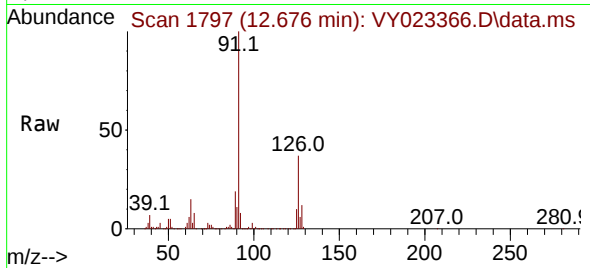




#79
2-Chlorotoluene
Concen: 20.556 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

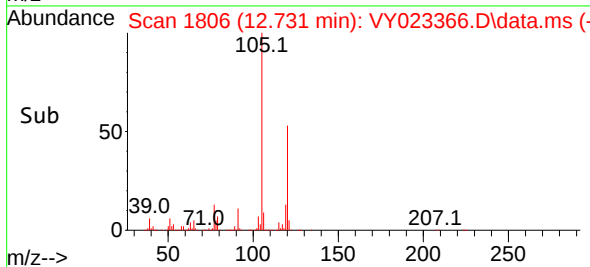
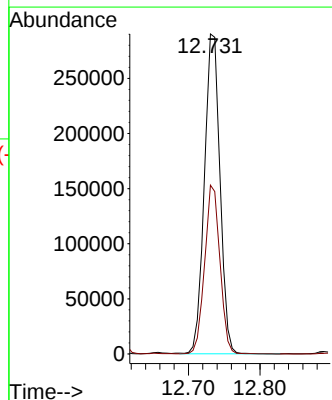
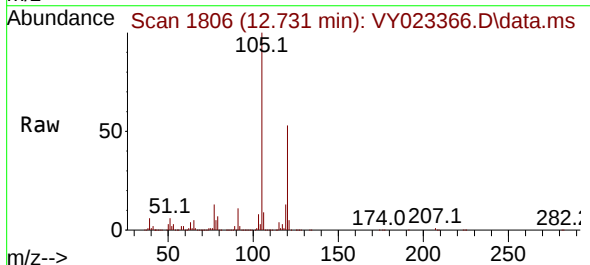
Instrument :
MSVOA_Y
ClientSampleId :

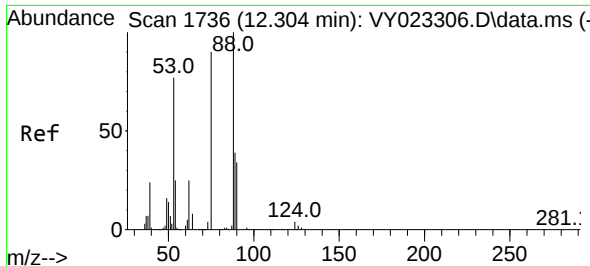
Tgt Ion: 91 Resp: 367438
Ion Ratio Lower Upper
91 100
126 36.9 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.547 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 105 Resp: 440027
Ion Ratio Lower Upper
105 100
120 51.7 24.8 74.4

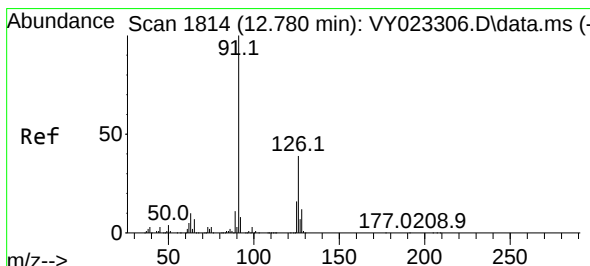
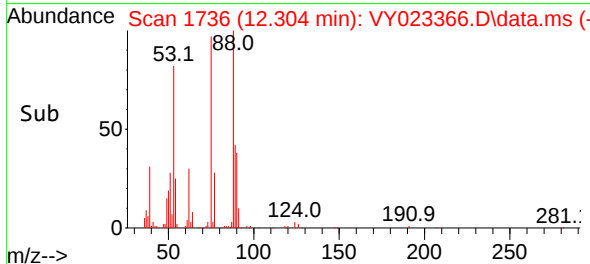
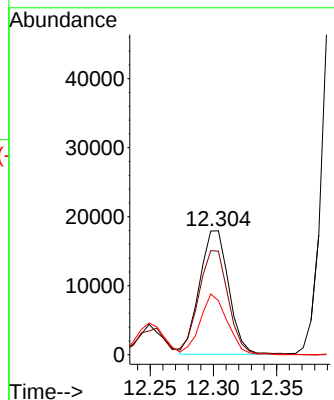
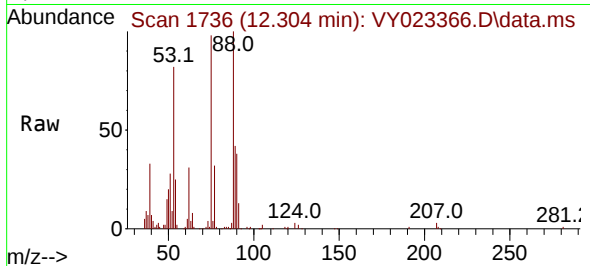




#81
trans-1,4-Dichloro-2-butene
Concen: 19.815 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

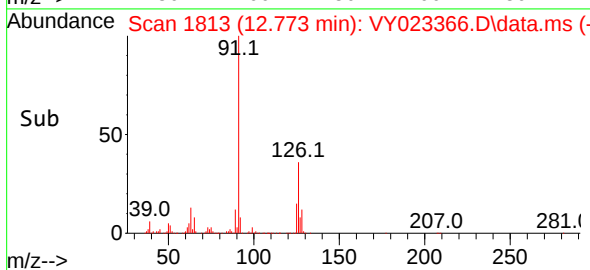
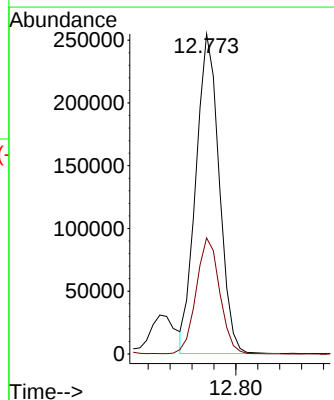
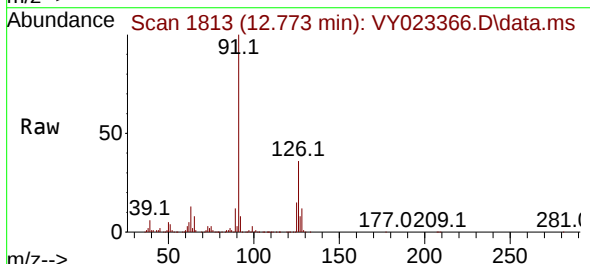
Instrument :
MSVOA_Y
ClientSampleId :

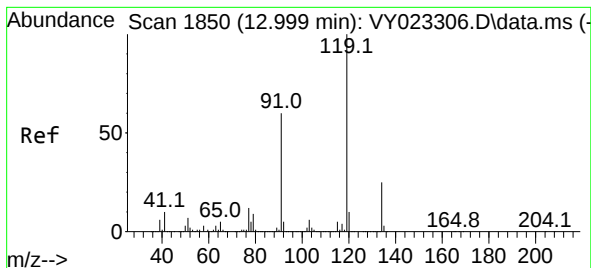
Tgt Ion: 75 Resp: 28763
Ion Ratio Lower Upper
75 100
53 86.8 70.8 106.2
89 45.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.033 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 91 Resp: 374694
Ion Ratio Lower Upper
91 100
126 36.9 17.3 52.0





#83

tert-Butylbenzene

Concen: 21.206 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

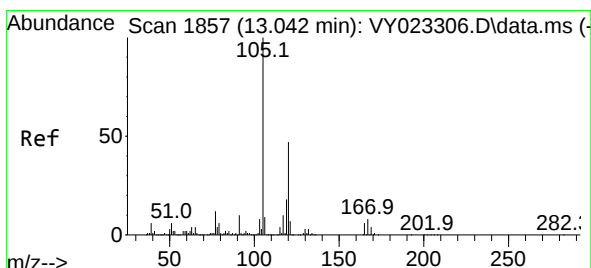
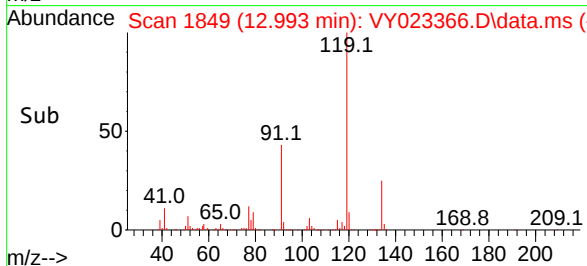
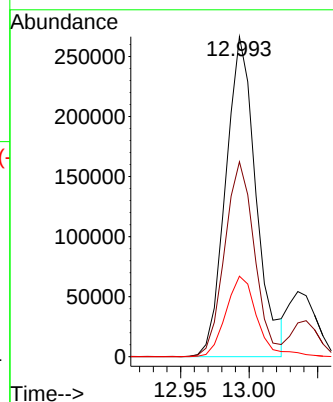
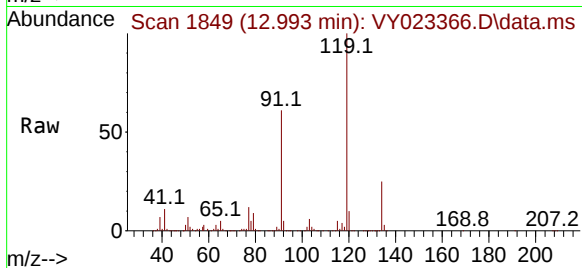
Tgt Ion:119 Resp: 411311

Ion Ratio Lower Upper

119 100

91 60.0 31.6 94.8

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.785 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023366.D

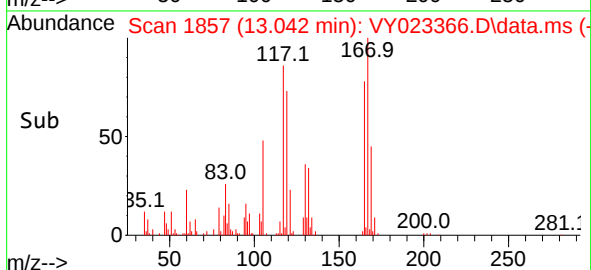
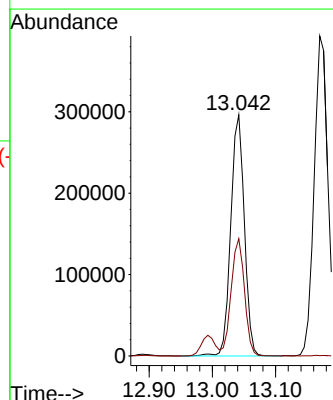
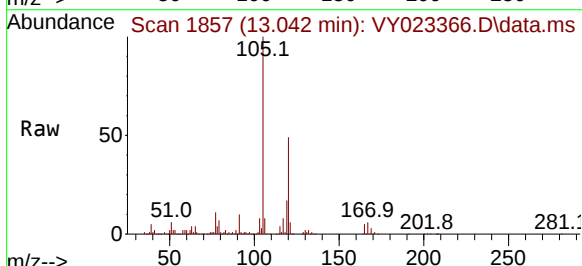
Acq: 25 Sep 2025 11:40

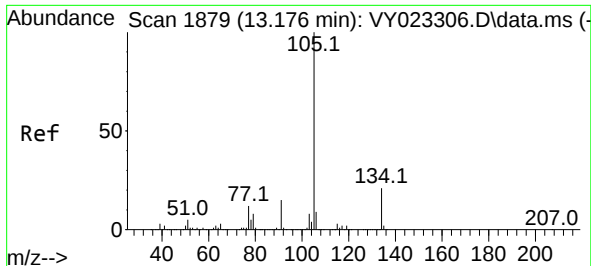
Tgt Ion:105 Resp: 440345

Ion Ratio Lower Upper

105 100

120 47.7 23.0 69.0

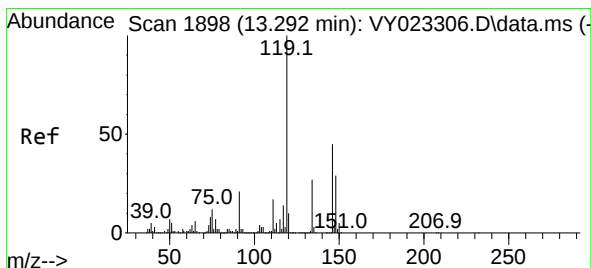
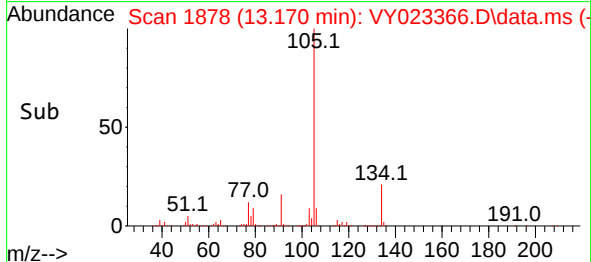
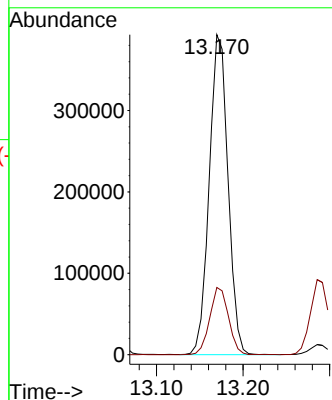
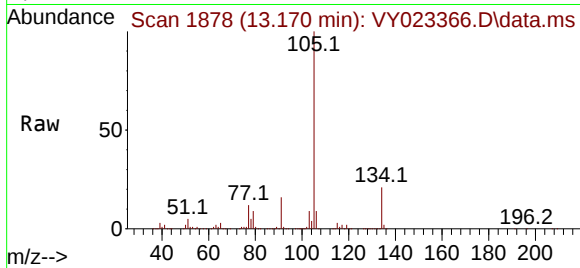




#85
 sec-Butylbenzene
 Concen: 20.936 ug/l
 RT: 13.170 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023366.D
 Acq: 25 Sep 2025 11:40

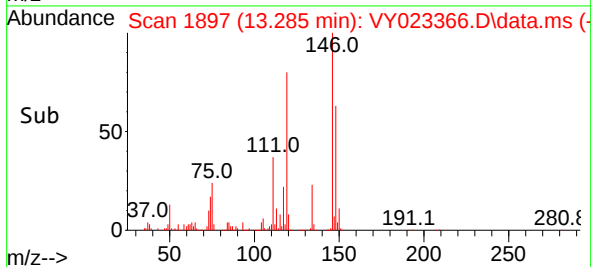
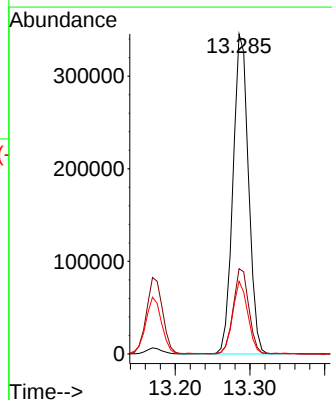
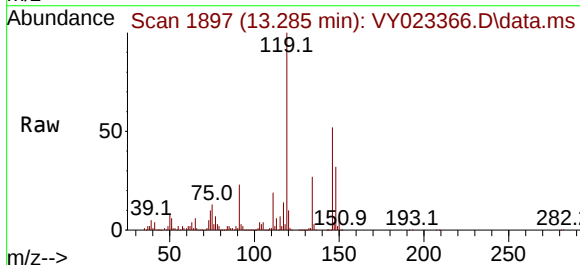
Instrument :
 MSVOA_Y
 ClientSampleId :

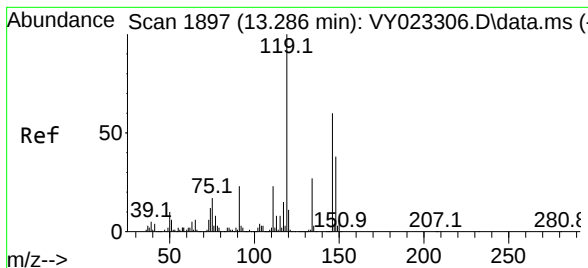
Tgt Ion:105 Resp: 590845
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.948 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023366.D
 Acq: 25 Sep 2025 11:40

Tgt Ion:119 Resp: 499377
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 21.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.373 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

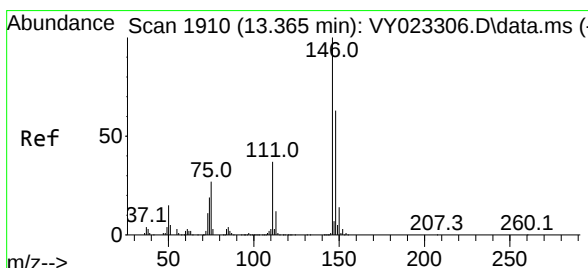
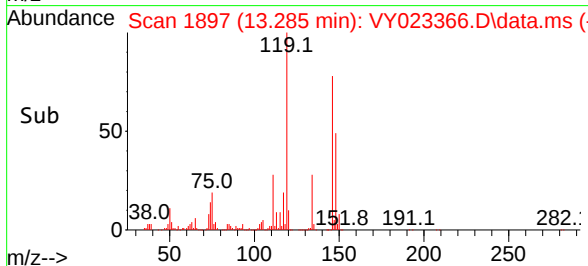
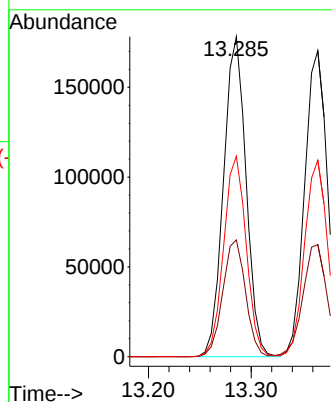
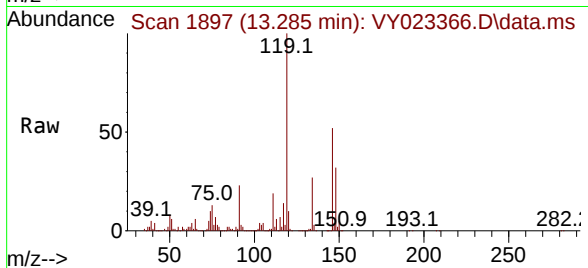
Tgt Ion:146 Resp: 271202

Ion Ratio Lower Upper

146 100

111 36.9 19.6 58.7

148 62.8 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 19.980 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

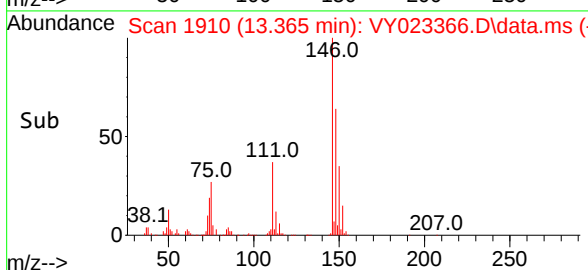
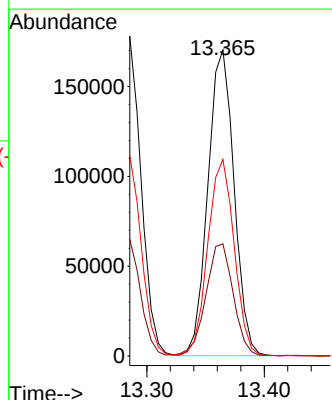
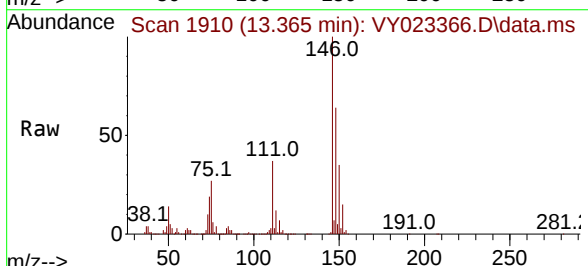
Tgt Ion:146 Resp: 263436

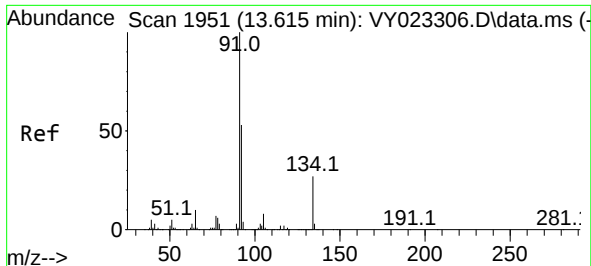
Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.1

148 64.9 31.6 94.7

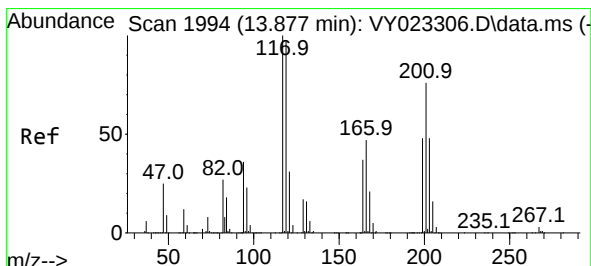
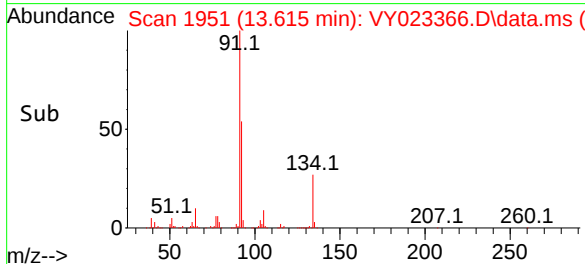
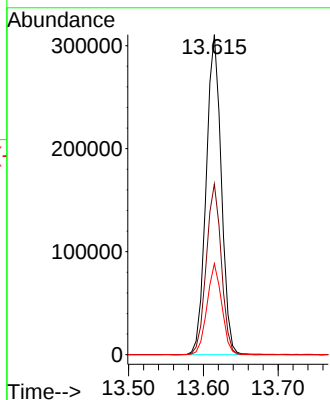
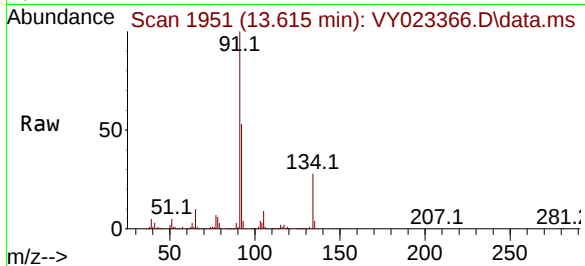




#89
n-Butylbenzene
Concen: 20.634 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

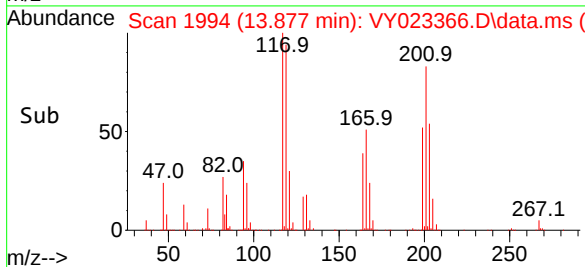
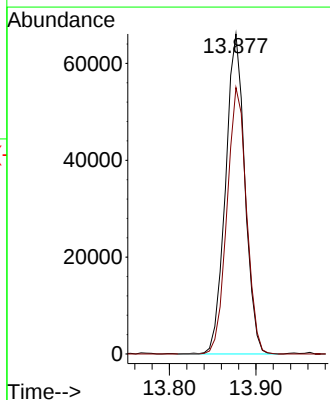
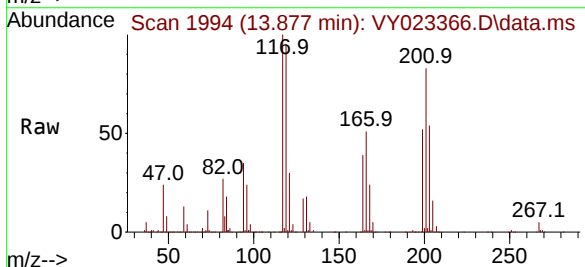
Instrument :
MSVOA_Y
ClientSampleId :

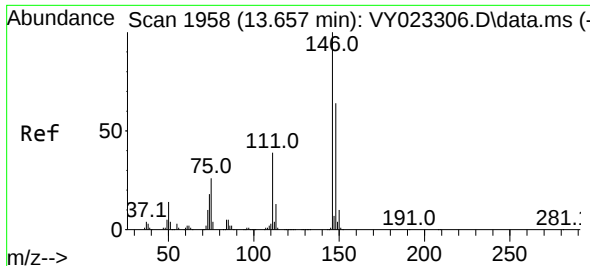
Tgt Ion: 91 Resp: 436237
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 27.8 13.2 39.5



#90
Hexachloroethane
Concen: 19.868 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023366.D
Acq: 25 Sep 2025 11:40

Tgt Ion: 117 Resp: 102679
Ion Ratio Lower Upper
117 100
201 83.8 38.4 115.1

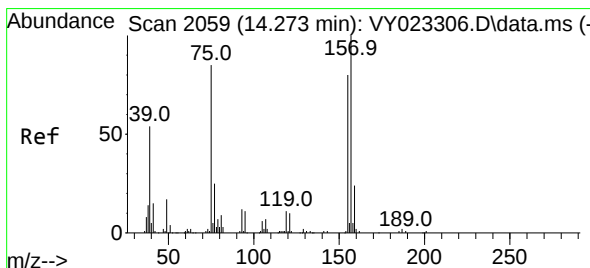
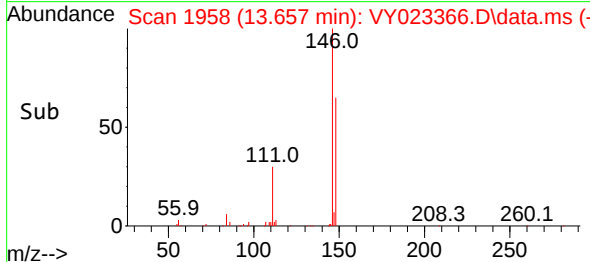
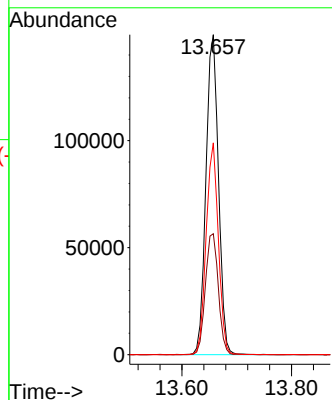
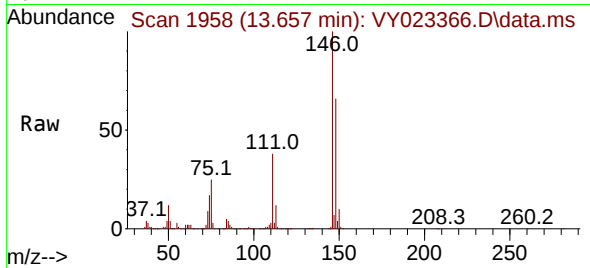




#91
 1,2-Dichlorobenzene
 Concen: 20.344 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023366.D
 Acq: 25 Sep 2025 11:40

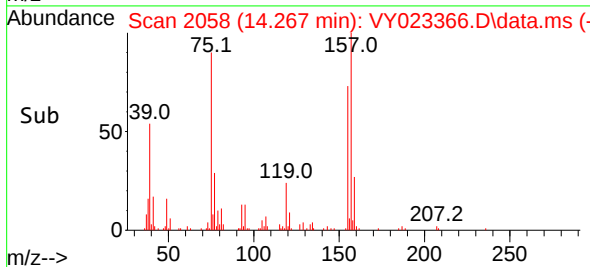
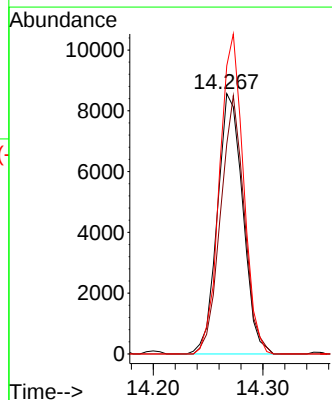
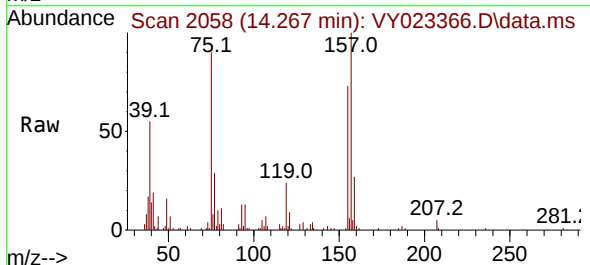
Instrument :
 MSVOA_Y
 ClientSampleId :

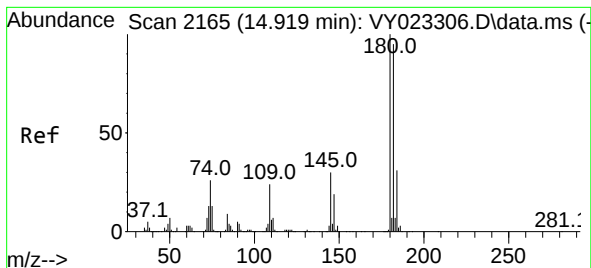
Tgt Ion:146 Resp: 236124
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.8
 148 64.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.896 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY023366.D
 Acq: 25 Sep 2025 11:40

Tgt Ion: 75 Resp: 13796
 Ion Ratio Lower Upper
 75 100
 155 92.1 43.9 131.6
 157 115.2 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 21.571 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

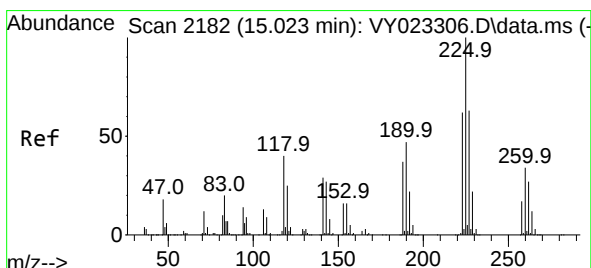
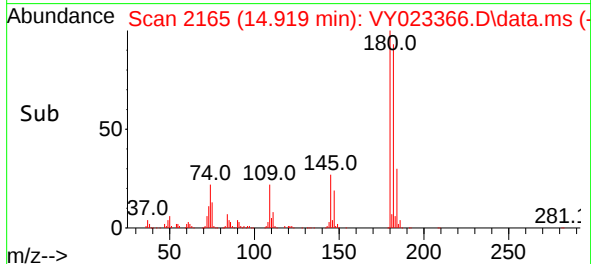
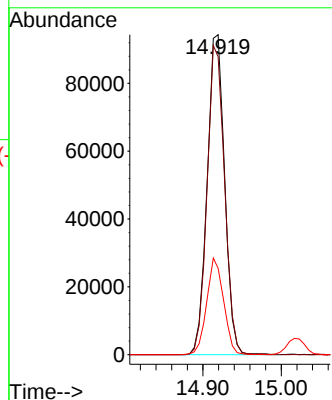
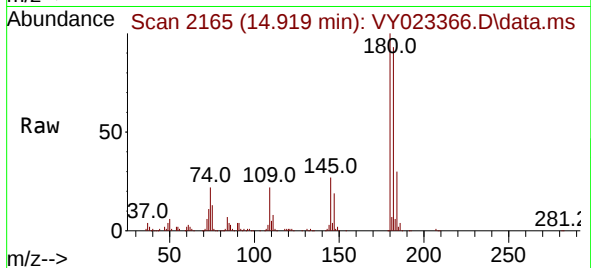
Tgt Ion:180 Resp: 146037

Ion Ratio Lower Upper

180 100

182 96.5 46.8 140.4

145 29.3 14.4 43.4



#94

Hexachlorobutadiene

Concen: 22.648 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

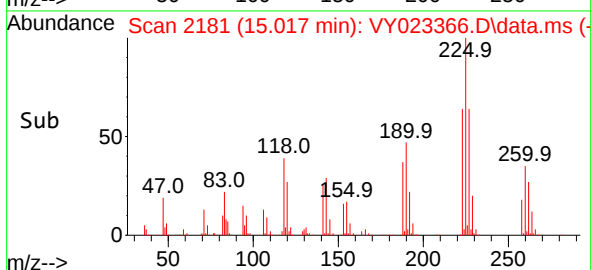
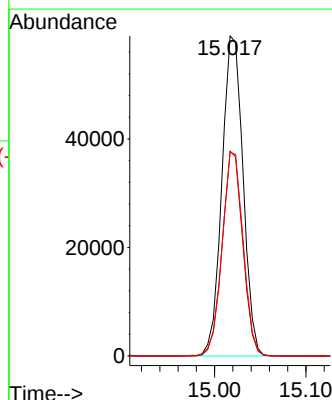
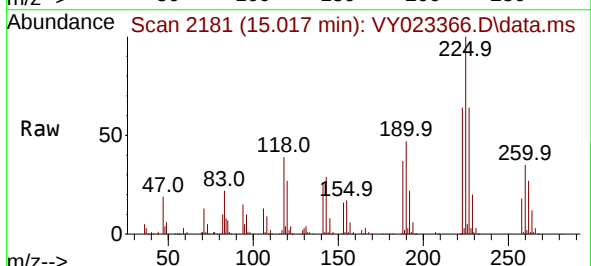
Tgt Ion:225 Resp: 94805

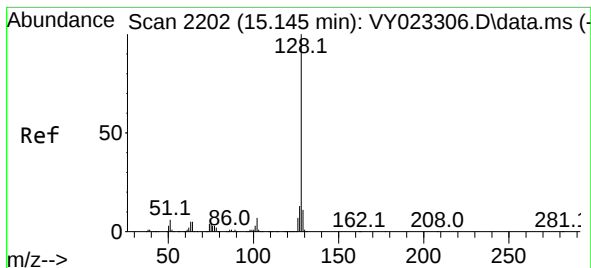
Ion Ratio Lower Upper

225 100

223 62.3 31.3 93.8

227 63.3 31.5 94.5





#95

Naphthalene

Concen: 20.304 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

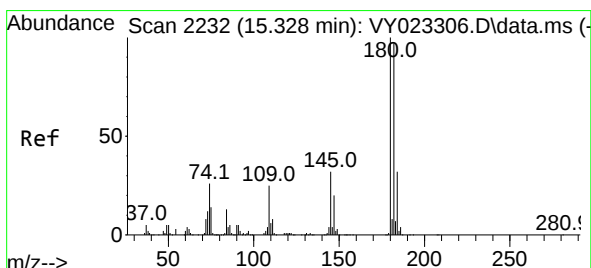
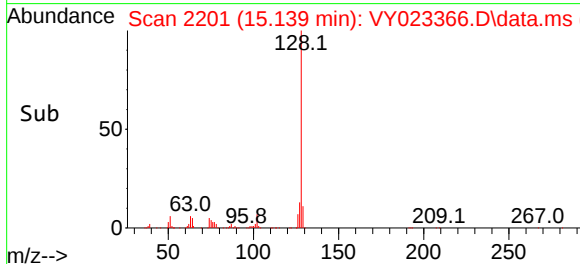
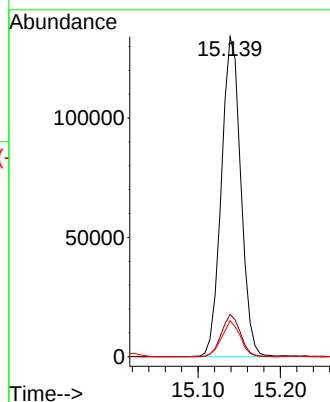
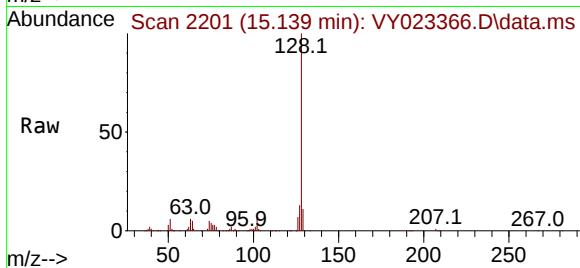
Tgt Ion:128 Resp: 220941

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.758 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023366.D

Acq: 25 Sep 2025 11:40

Tgt Ion:180 Resp: 122051

Ion Ratio Lower Upper

180 100

182 97.5 47.9 143.7

145 31.0 15.9 47.7

