

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022885.D
 Acq On : 30 Jun 2025 17:12
 Operator : SY/MD
 Sample : Q2447-07
 Misc : 3.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-25-0100

Quant Time: Jul 01 03:40:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	298749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	490747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	326623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	58475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148518	44.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.080%
35) Dibromofluoromethane	7.634	113	153615	51.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.940%
50) Toluene-d8	10.103	98	533018	45.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.020%
62) 4-Bromofluorobenzene	12.402	95	103064	27.071	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.140%

Target Compounds						Qvalue
11) Tert butyl alcohol	4.921	59	4685	21.131	ug/l #	73
13) Acrolein	3.604	56	1467	4.880	ug/l #	1
14) Allyl chloride	4.659	41	64225	13.808	ug/l #	38
15) Acrylonitrile	5.122	53	5330	7.665	ug/l #	39
16) Acetone	3.897	43	422772	670.836	ug/l	97
18) Methyl Acetate	4.647	43	151240	72.465	ug/l #	51
20) Methylene Chloride	4.604	84	26951	6.772	ug/l #	92
25) 2-Butanone	6.915	43	22318	24.332	ug/l	94
31) Cyclohexane	7.677	56	483381	84.402	ug/l #	48
36) 1,1-Dichloropropene	7.701	75	25783	5.699	ug/l #	68
37) Ethyl Acetate	6.915	43	22318	11.433	ug/l #	69
38) Carbon Tetrachloride	7.707	117	30630	6.417	ug/l #	16
39) Methylcyclohexane	9.103	83	265759	45.396	ug/l	95
40) Benzene	8.079	78	268002	19.269	ug/l	99
41) Methacrylonitrile	7.439	41	42096	35.029	ug/l #	81
43) Isopropyl Acetate	8.183	43	177182	43.671	ug/l #	62
48) Methyl methacrylate	9.237	41	7699	3.947	ug/l #	11
49) 1,4-Dioxane	9.262	88	84	3.848	ug/l #	24
51) 4-Methyl-2-Pentanone	10.000	43	38675	18.758	ug/l	100
52) Toluene	10.170	92	12020817	1369.959	ug/l	76
53) t-1,3-Dichloropropene	10.170	75	154047	35.931	ug/l #	1
55) 1,1,2-Trichloroethane	10.542	97	18815	7.863	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.737	63	362	15.856	ug/l #	48
59) 2-Hexanone	10.762	43	10503	7.493	ug/l	86
67) Ethyl Benzene	11.518	91	274099	21.737	ug/l	99
68) m/p-Xylenes	11.621	106	247414	50.757	ug/l	97
69) o-Xylene	11.950	106	62721	13.656	ug/l	100
73) Isopropylbenzene	12.255	105	18284	4.228	ug/l	76
74) N-amyl acetate	12.042	43	13499	13.906	ug/l #	57
76) 1,2,3-Trichloropropane	12.402	75	59303	99.338	ug/l #	100
78) n-propylbenzene	12.591	91	10559	2.022	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	6471	1.854	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.402	75	59303	250.967	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.036	105	18567	5.312	ug/l	94
90) Hexachloroethane	13.889	117	1661	2.163	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.230	75	263	2.225	ug/l #	43

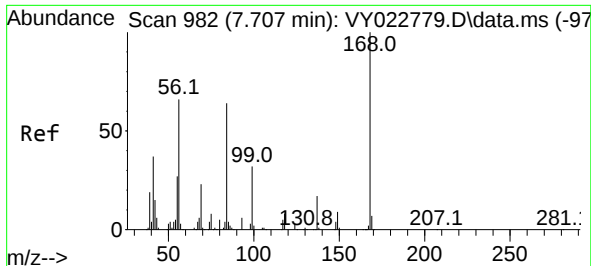
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
Data File : VY022885.D
Acq On : 30 Jun 2025 17:12
Operator : SY/MD
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Quant Time: Jul 01 03:40:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.145	128	5718	3.228	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.340	180	1487	1.757	ug/l #	13

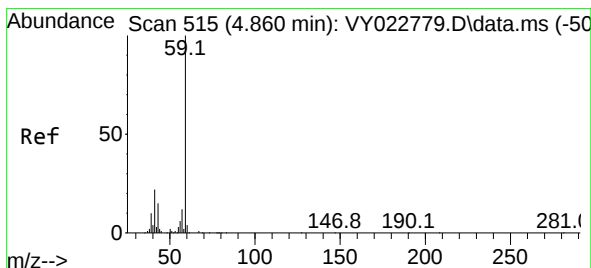
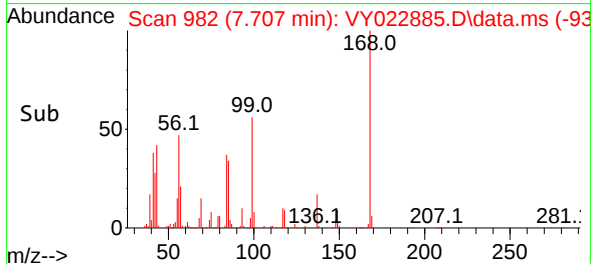
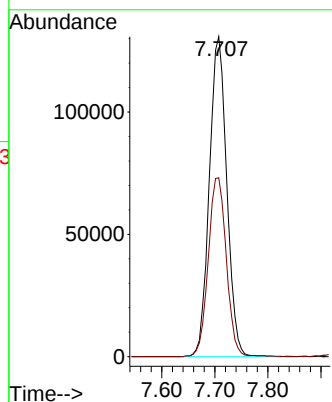
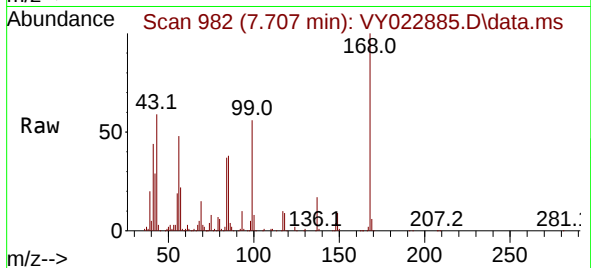
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

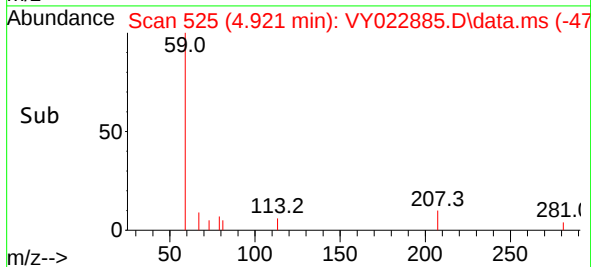
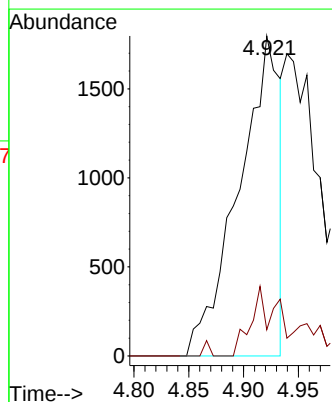
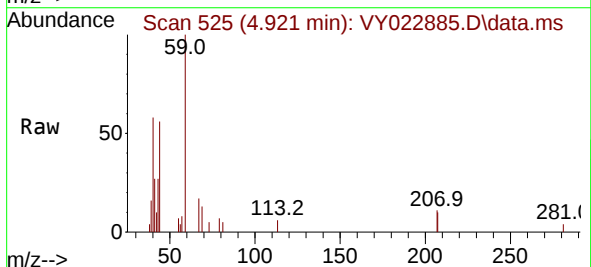
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0100

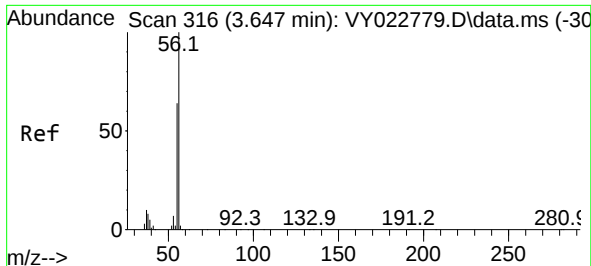
Tgt Ion:168 Resp: 298749
Ion Ratio Lower Upper
168 100
99 55.9 44.3 66.5



#11
Tert butyl alcohol
Concen: 21.131 ug/l
RT: 4.921 min Scan# 525
Delta R.T. 0.036 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 59 Resp: 4685
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

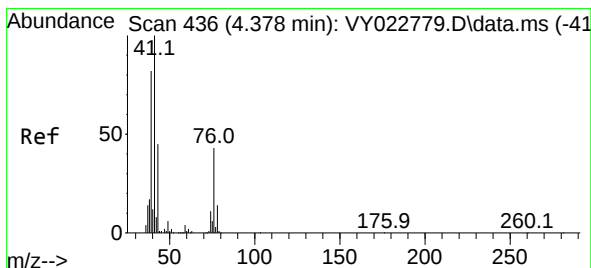
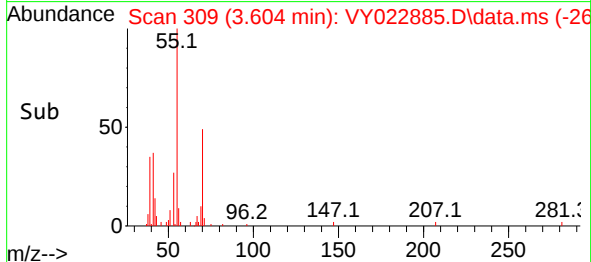
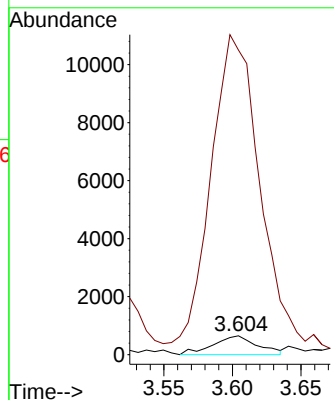
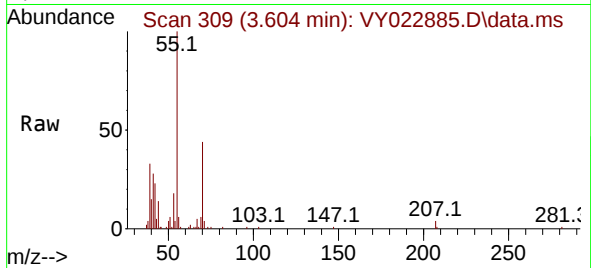




#13
Acrolein
Concen: 4.880 ug/l
RT: 3.604 min Scan# 309
Delta R.T. -0.055 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

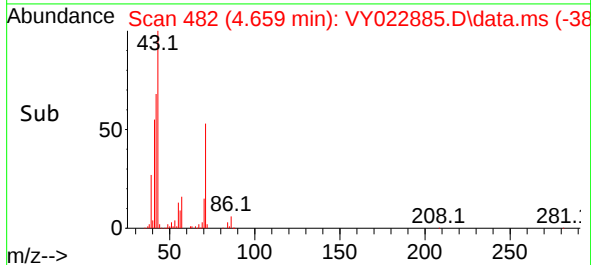
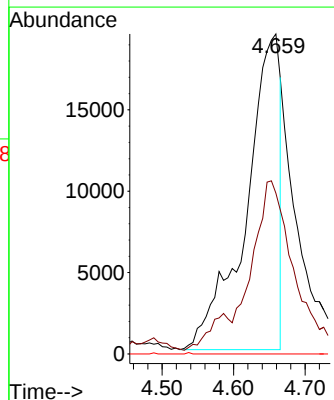
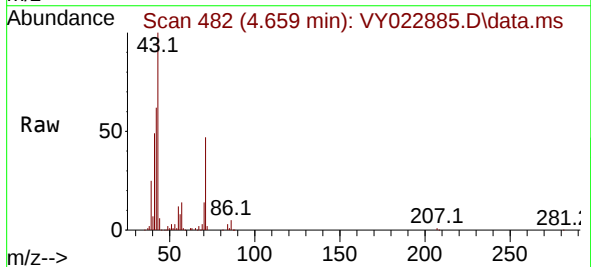
Instrument :
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ClientSampleId :
LAW-25-0100

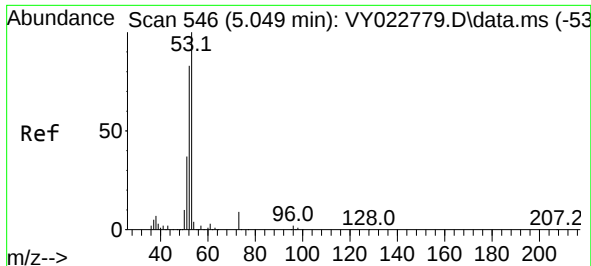
Tgt Ion: 56 Resp: 1467
Ion Ratio Lower Upper
56 100
55 1913.2 57.0 85.6#



#14
Allyl chloride
Concen: 13.808 ug/l
RT: 4.659 min Scan# 482
Delta R.T. 0.268 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 41 Resp: 64225
Ion Ratio Lower Upper
41 100
39 31.6 69.1 103.7#
76 0.0 33.5 50.3#

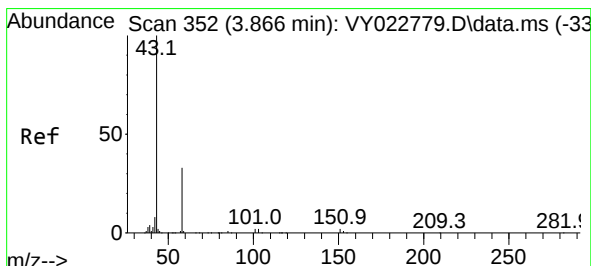
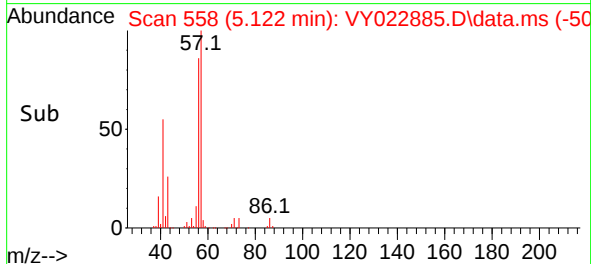
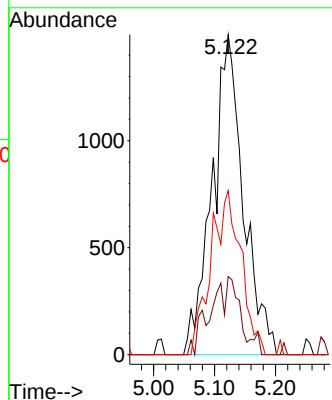
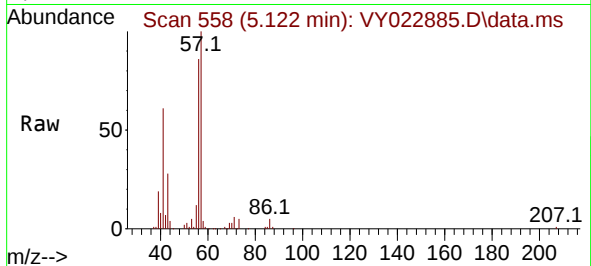




#15
Acrylonitrile
Concen: 7.665 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.055 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

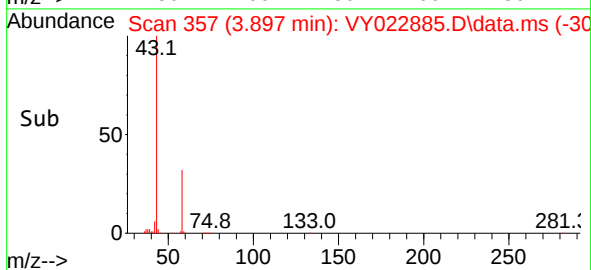
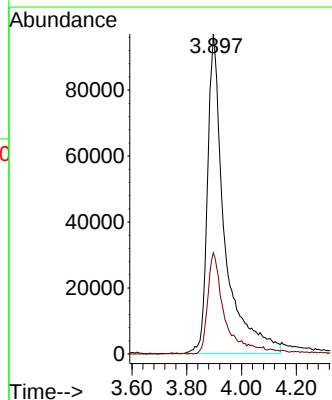
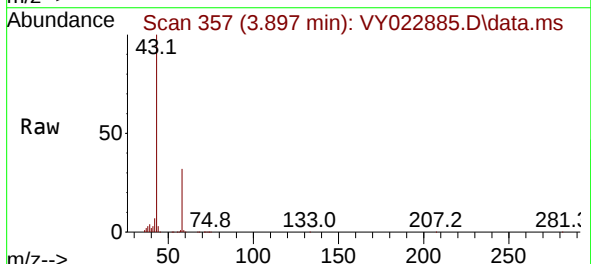
Instrument :
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ClientSampleId :
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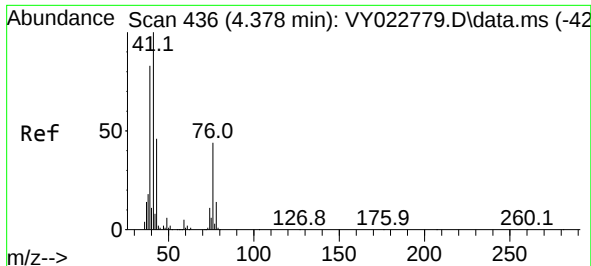
Tgt Ion: 53 Resp: 5330
Ion Ratio Lower Upper
53 100
52 11.4 65.7 98.5#
51 49.7 30.1 45.1#



#16
Acetone
Concen: 670.836 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 43 Resp: 422772
Ion Ratio Lower Upper
43 100
58 31.5 24.0 36.0

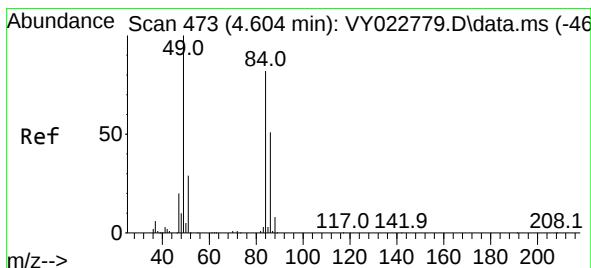
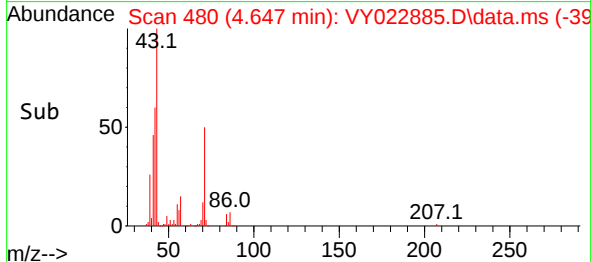
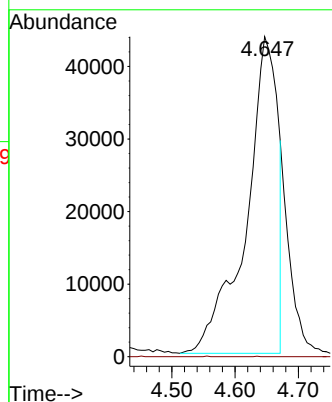
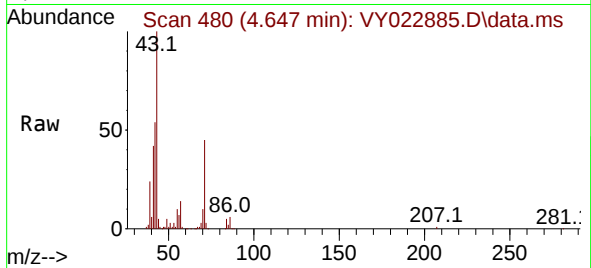




#18
Methyl Acetate
Concen: 72.465 ug/l
RT: 4.647 min Scan# 41
Delta R.T. 0.250 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

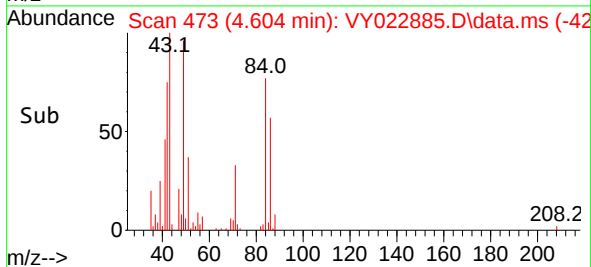
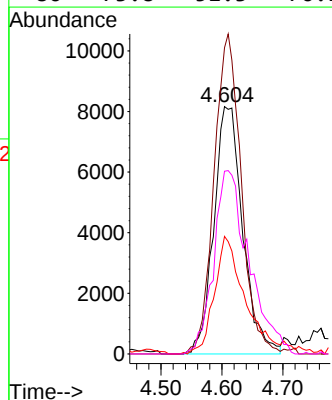
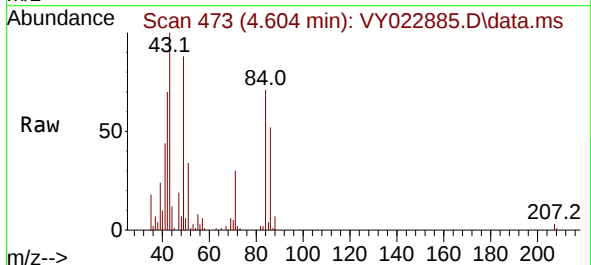
Instrument :
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ClientSampleId :
LAW-25-0100

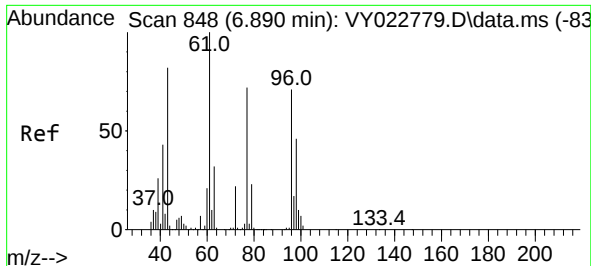
Tgt Ion: 43 Resp: 151240
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#20
Methylene Chloride
Concen: 6.772 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 84 Resp: 26951
Ion Ratio Lower Upper
84 100
49 123.8 101.9 152.9
51 47.5 29.8 44.8#
86 73.8 51.3 76.9

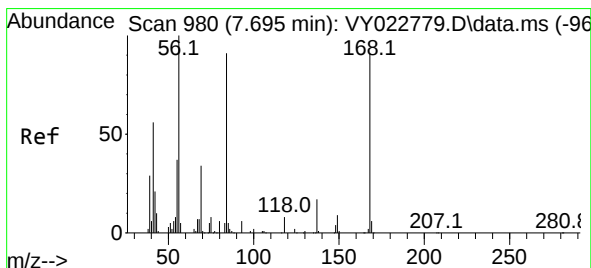
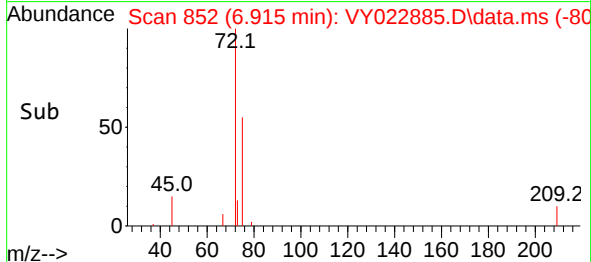
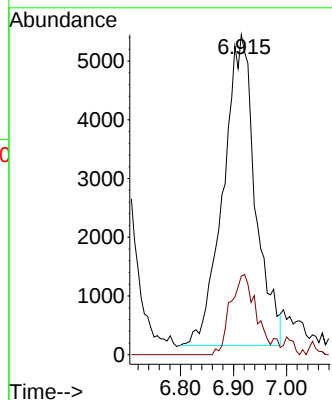
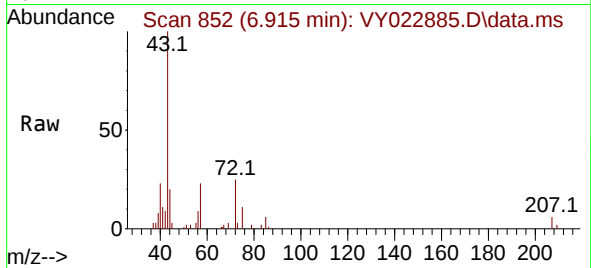




#25
2-Butanone
Concen: 24.332 ug/l
RT: 6.915 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

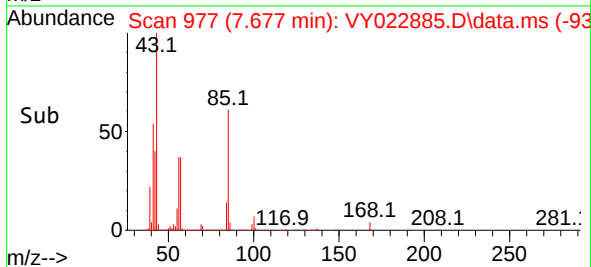
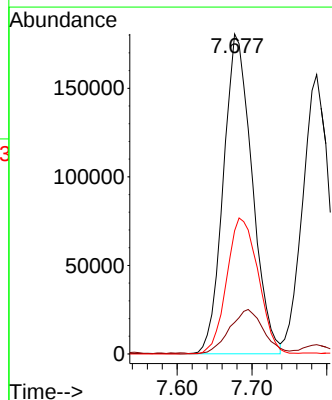
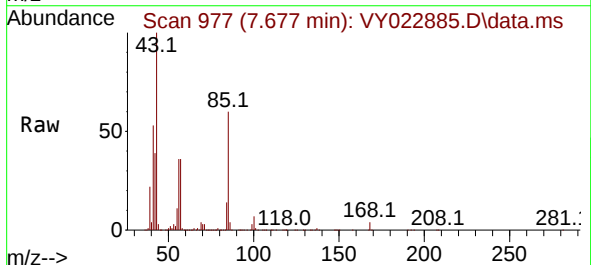
Instrument :
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LAW-25-0100

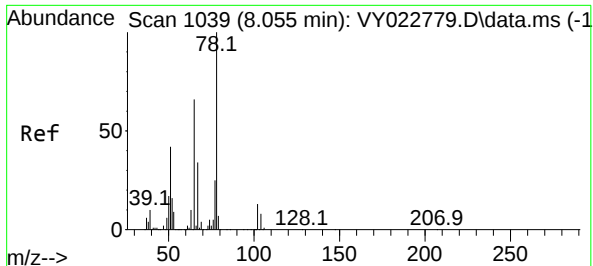
Tgt Ion: 43 Resp: 22318
Ion Ratio Lower Upper
43 100
72 25.3 22.9 34.3



#31
Cyclohexane
Concen: 84.402 ug/l
RT: 7.677 min Scan# 977
Delta R.T. -0.031 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 56 Resp: 483381
Ion Ratio Lower Upper
56 100
69 9.5 27.0 40.6#
84 38.5 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 44.542 ug/l

RT: 8.061 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

Instrument :

MSVOA_Y

ClientSampleId :

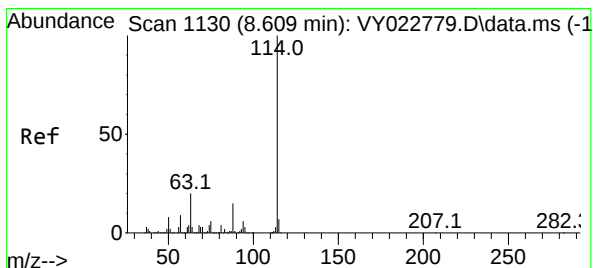
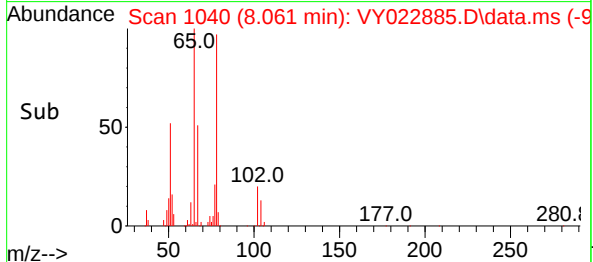
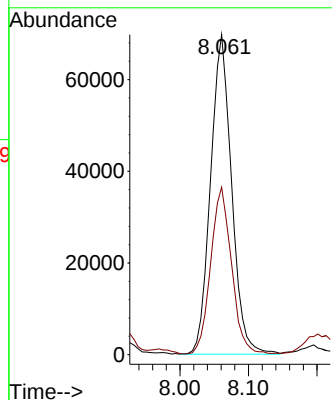
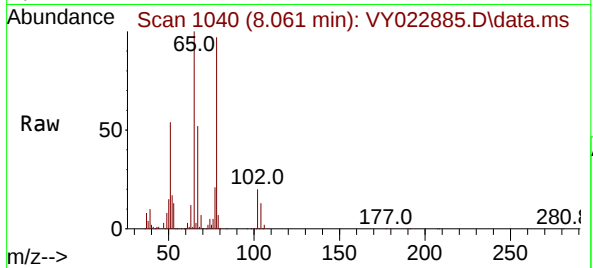
LAW-25-0100

Tgt Ion: 65 Resp: 148518

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

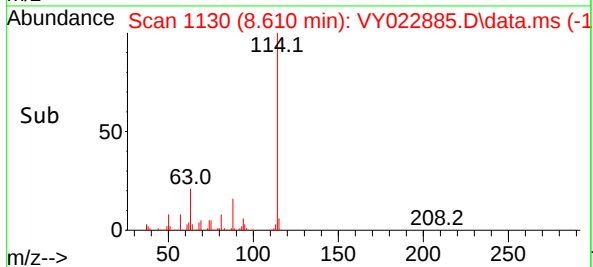
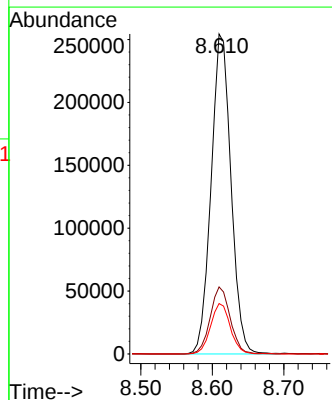
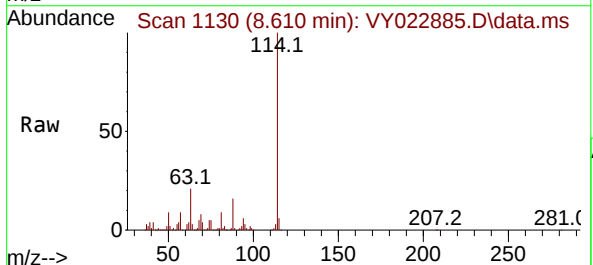
Tgt Ion: 114 Resp: 490747

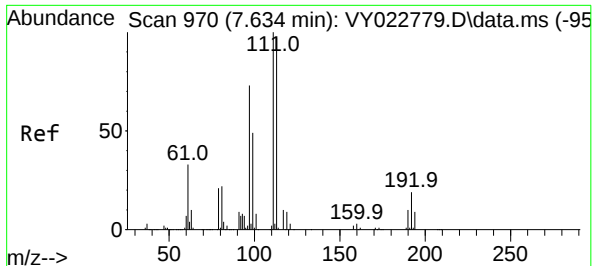
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 15.8 0.0 27.8

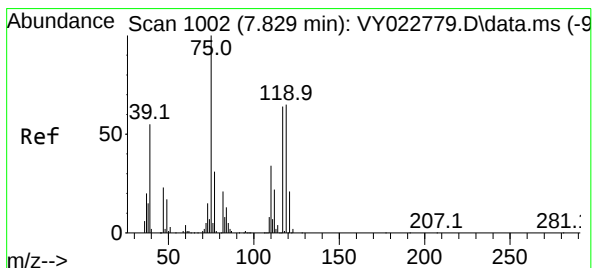
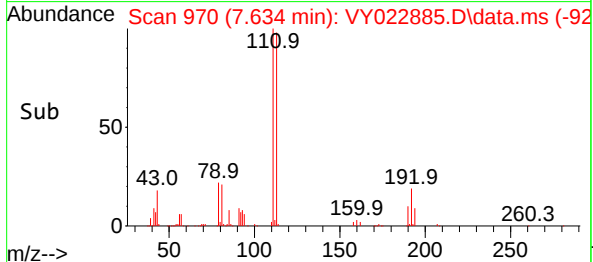
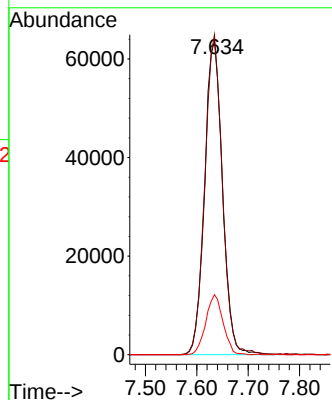
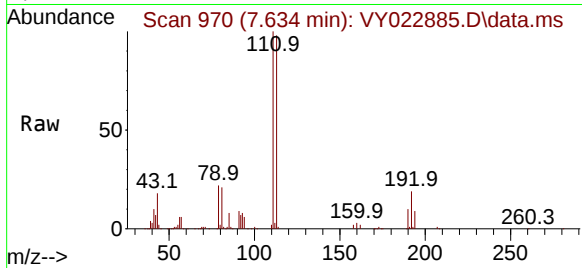




#35
Dibromofluoromethane
Concen: 51.471 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

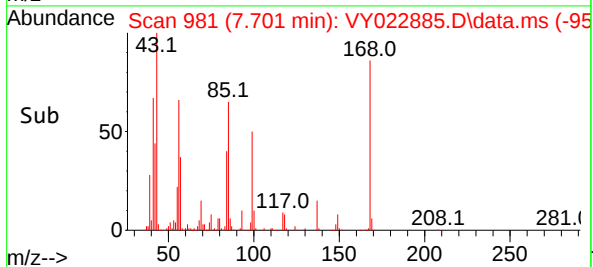
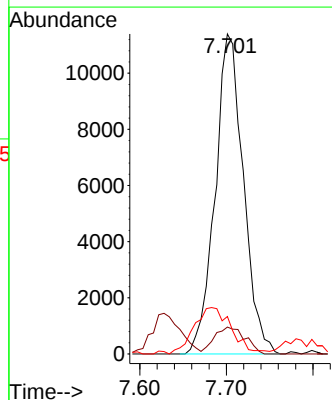
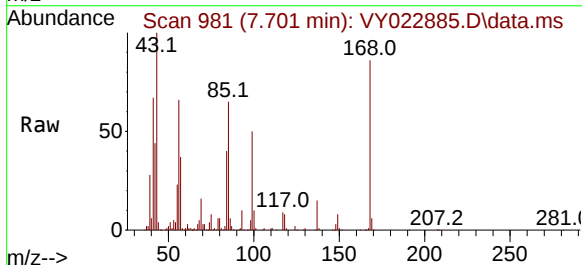
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0100

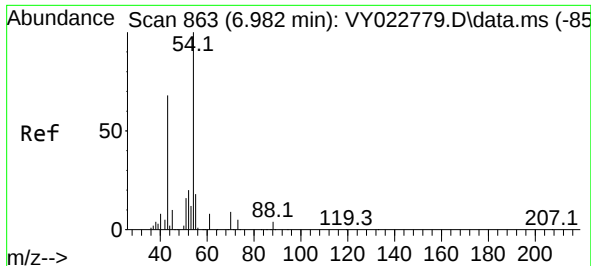
Tgt Ion:113 Resp: 153615
Ion Ratio Lower Upper
113 100
111 100.5 81.1 121.7
192 18.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.699 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 75 Resp: 25783
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.7#
77 19.6 24.8 37.2#





#37

Ethyl Acetate

Concen: 11.433 ug/l

RT: 6.915 min Scan# 8

Delta R.T. -0.079 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

Instrument :

MSVOA_Y

ClientSampleId :

LAW-25-0100

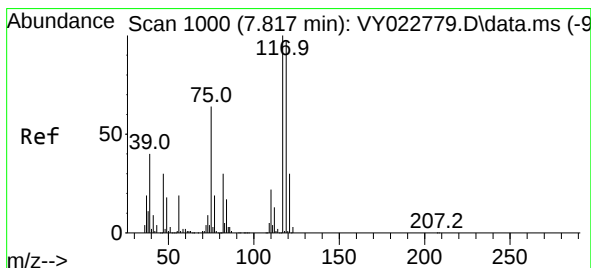
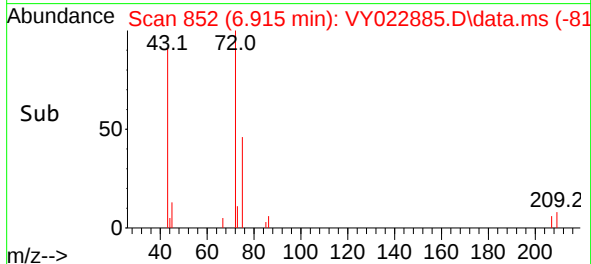
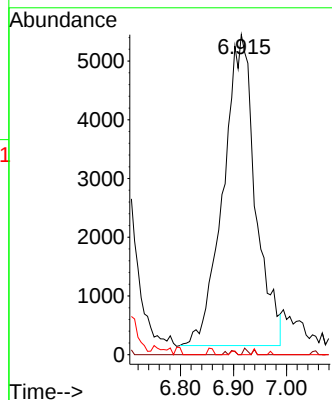
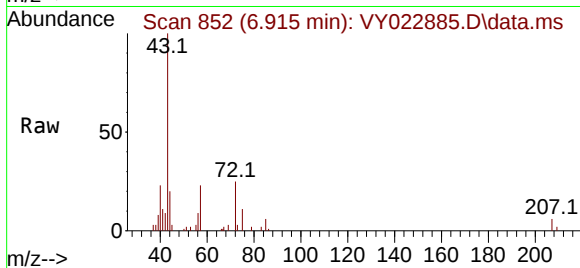
Tgt Ion: 43 Resp: 22318

Ion Ratio Lower Upper

43 100

61 0.3 11.5 17.3#

70 0.0 7.2 10.8#



#38

Carbon Tetrachloride

Concen: 6.417 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

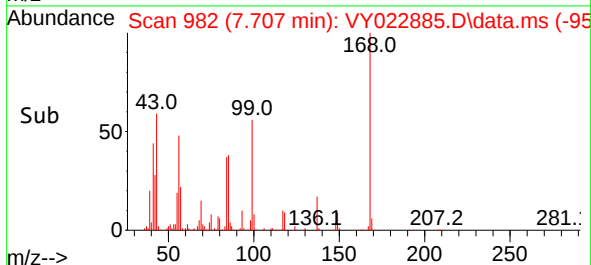
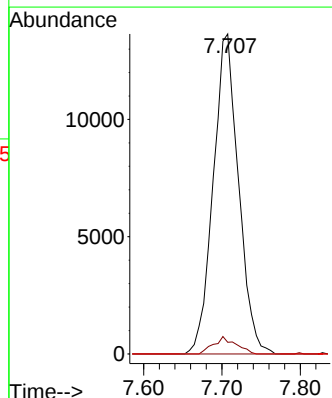
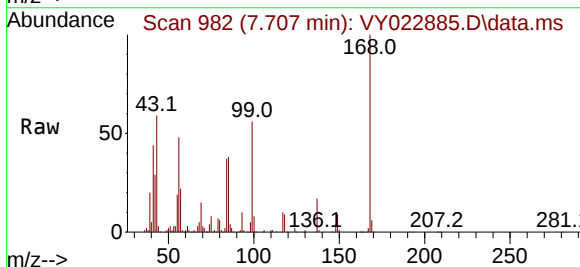
Tgt Ion: 117 Resp: 30630

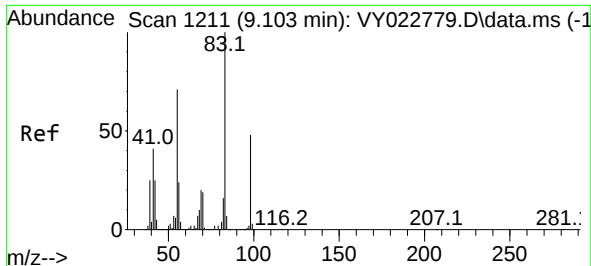
Ion Ratio Lower Upper

117 100

119 3.7 75.0 112.6#

121 0.0 25.0 37.4#





#39

Methylcyclohexane

Concen: 45.396 ug/l

RT: 9.103 min Scan# 1211

Delta R.T. -0.012 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

Instrument :

MSVOA_Y

ClientSampleId :

LAW-25-0100

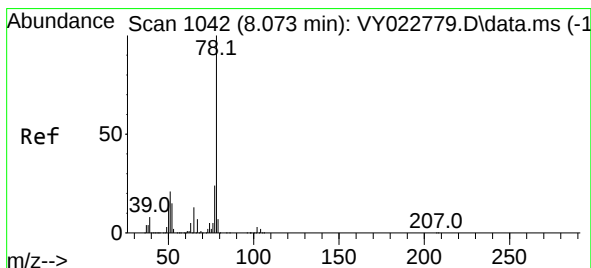
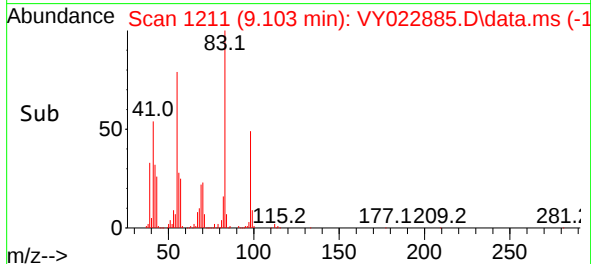
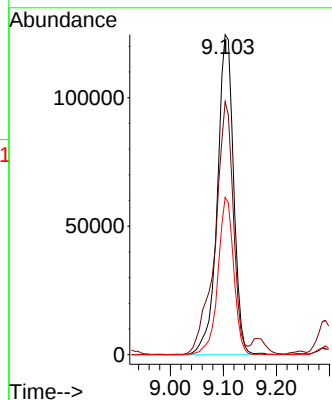
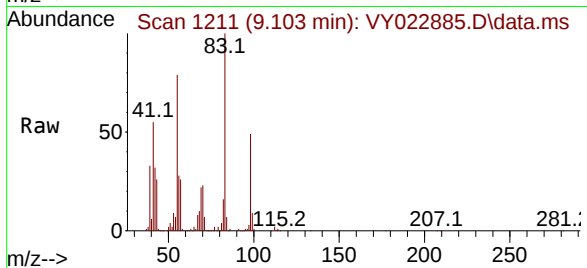
Tgt Ion: 83 Resp: 265759

Ion Ratio Lower Upper

83 100

55 78.9 58.1 87.1

98 49.2 39.0 58.6



#40

Benzene

Concen: 19.269 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022885.D

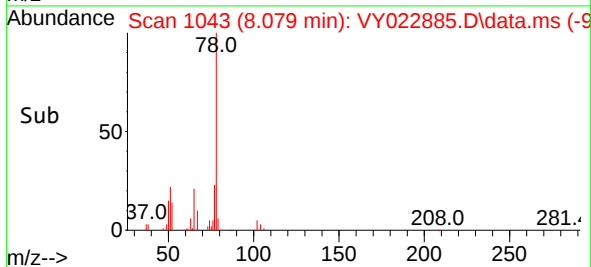
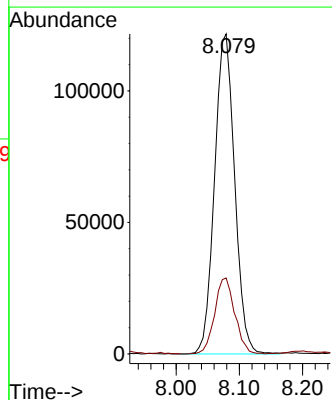
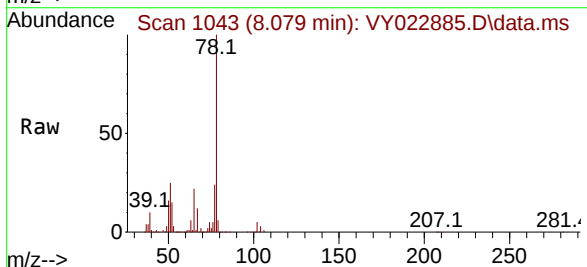
Acq: 30 Jun 2025 17:12

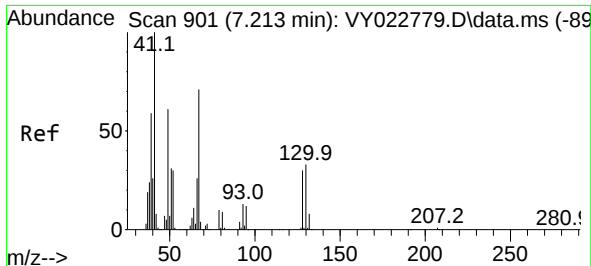
Tgt Ion: 78 Resp: 268002

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

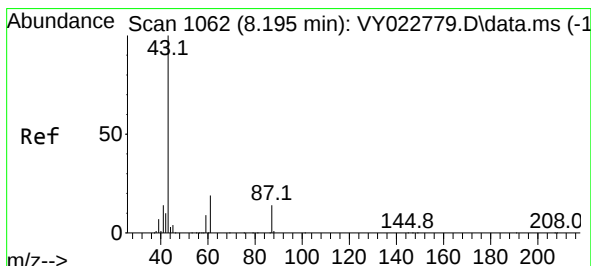
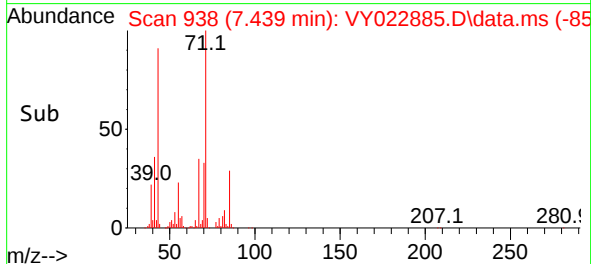
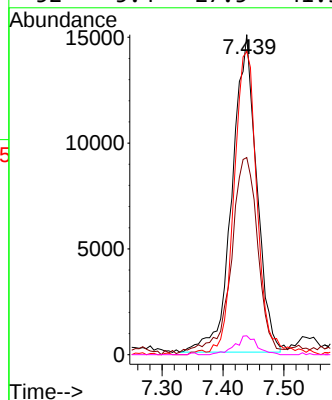
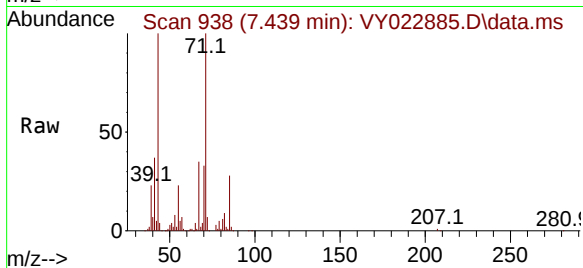




#41
Methacrylonitrile
Concen: 35.029 ug/l
RT: 7.439 min Scan# 91
Delta R.T. 0.207 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

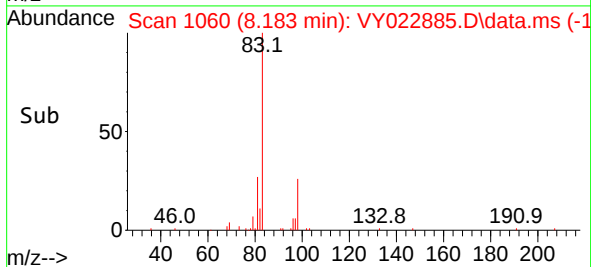
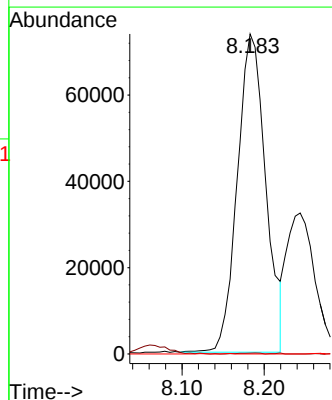
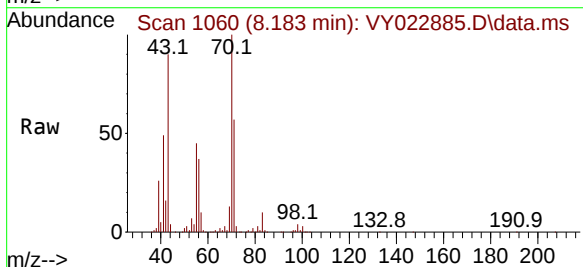
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0100

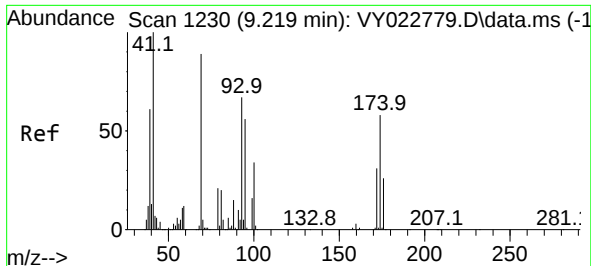
Tgt Ion:	41	Resp:	42096
Ion	Ratio	Lower	Upper
41	100		
39	66.7	46.6	69.8
67	89.3	63.3	94.9
52	5.4	27.5	41.3#



#43
Isopropyl Acetate
Concen: 43.671 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. -0.018 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion:	43	Resp:	177182
Ion	Ratio	Lower	Upper
43	100		
61	0.2	15.6	23.4#
87	0.0	10.2	15.4#





#48

Methyl methacrylate

Concen: 3.947 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

Instrument :

MSVOA_Y

ClientSampleId :

LAW-25-0100

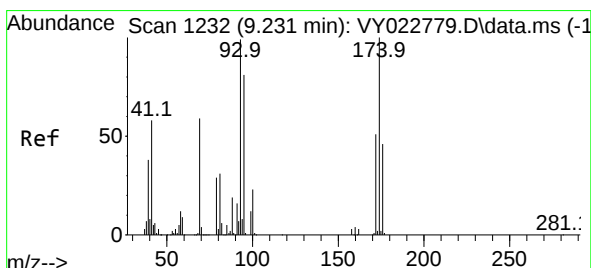
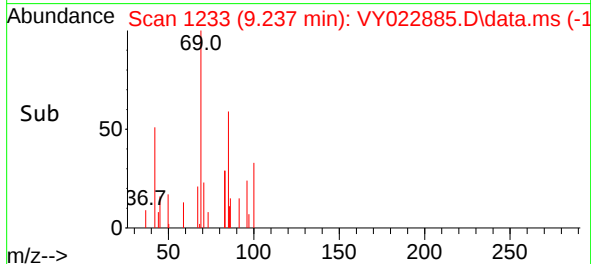
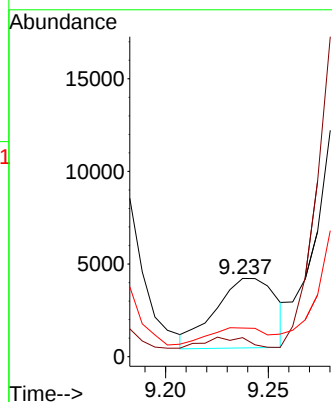
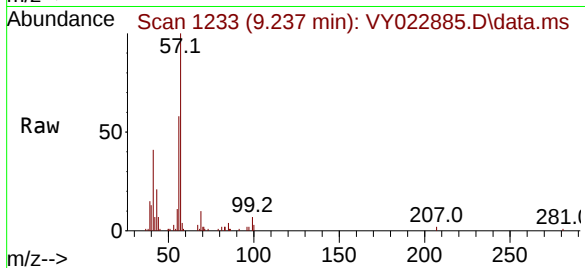
Tgt Ion: 41 Resp: 7699

Ion Ratio Lower Upper

41 100

69 0.0 67.8 101.8#

39 0.0 55.0 82.4#



#49

1,4-Dioxane

Concen: 3.848 ug/l

RT: 9.262 min Scan# 1237

Delta R.T. 0.018 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

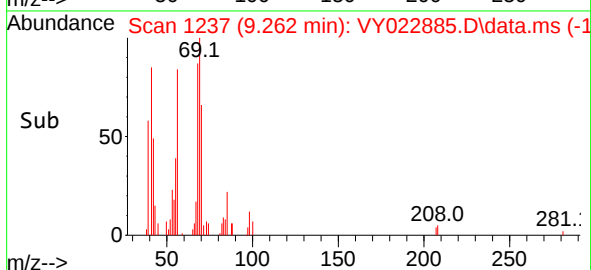
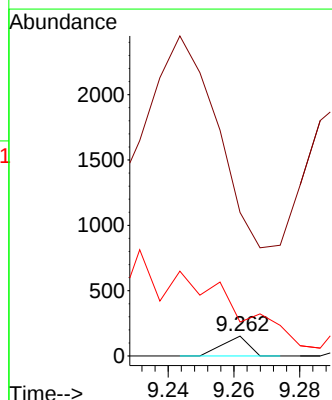
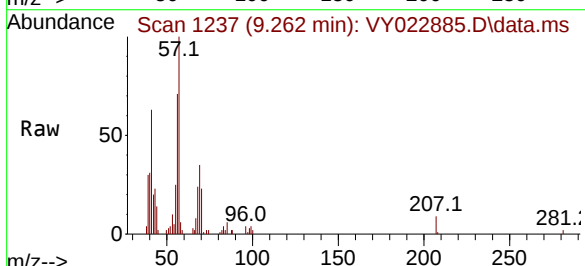
Tgt Ion: 88 Resp: 84

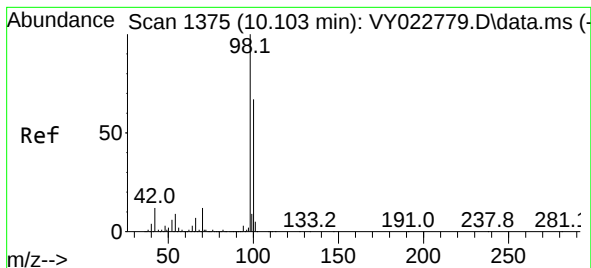
Ion Ratio Lower Upper

88 100

43 0.0 25.4 38.2#

58 0.0 54.9 82.3#

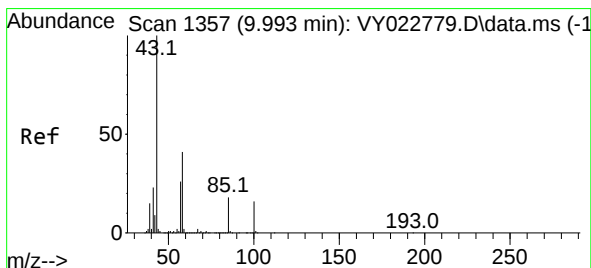
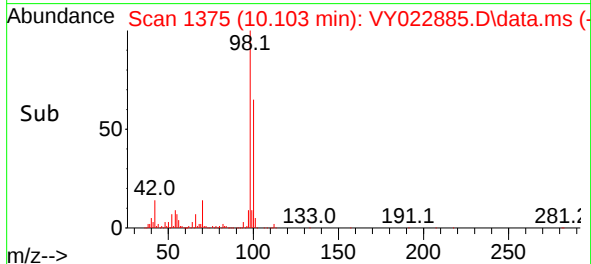
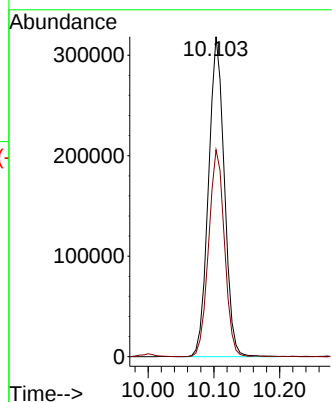
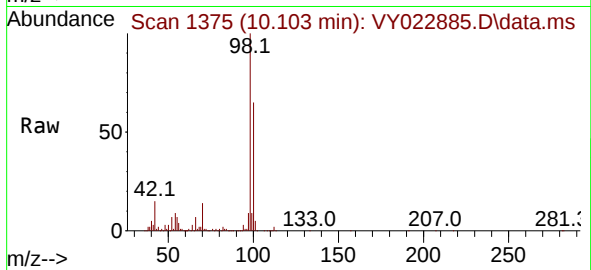




#50
Toluene-d8
Concen: 45.008 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

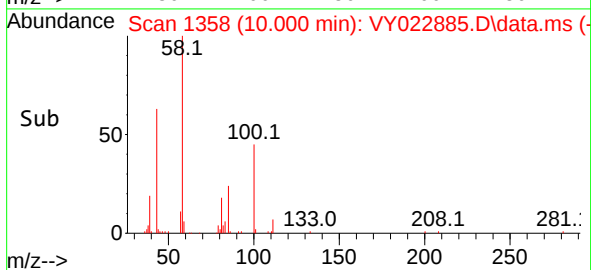
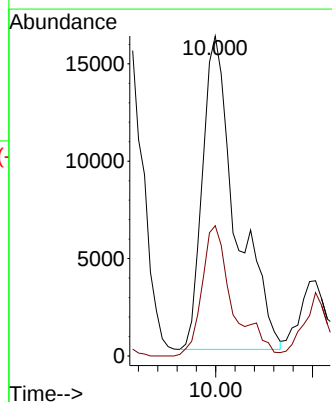
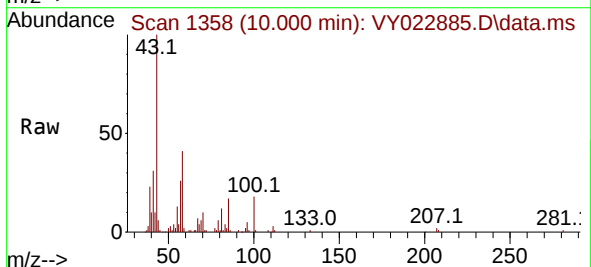
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0100

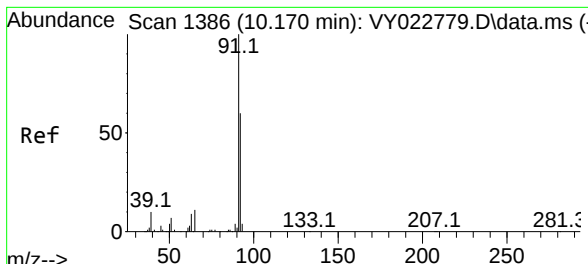
Tgt Ion: 98 Resp: 533018
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 18.758 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 43 Resp: 38675
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

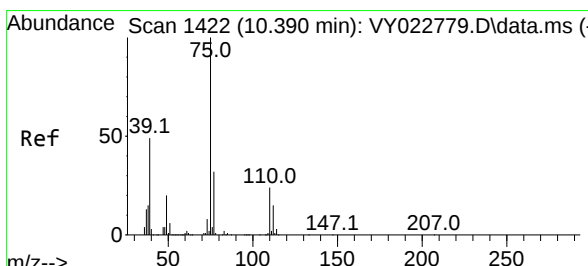
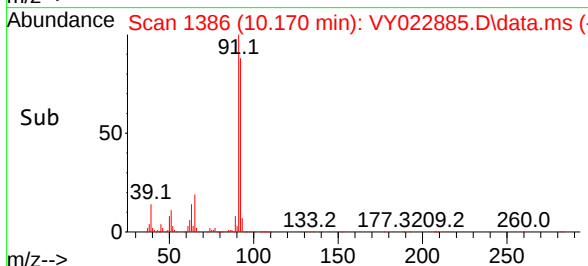
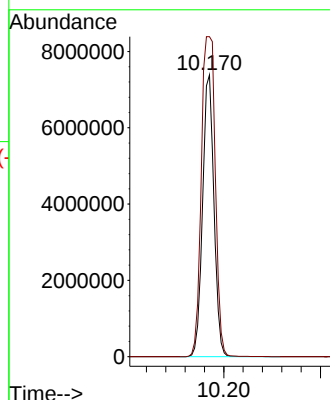
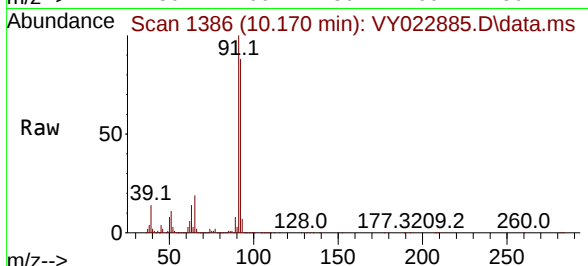




#52
Toluene
Concen: 1369.959 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

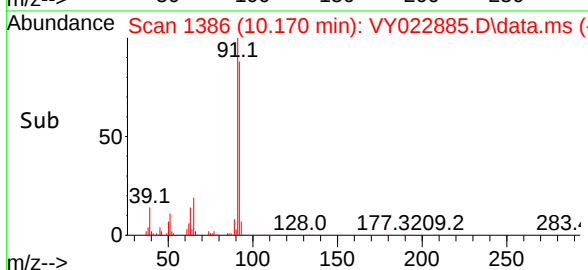
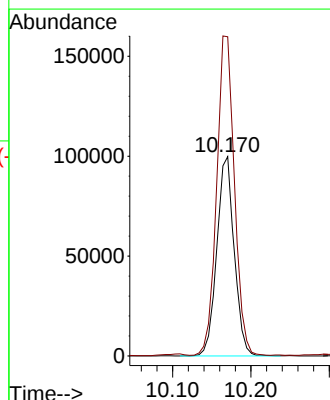
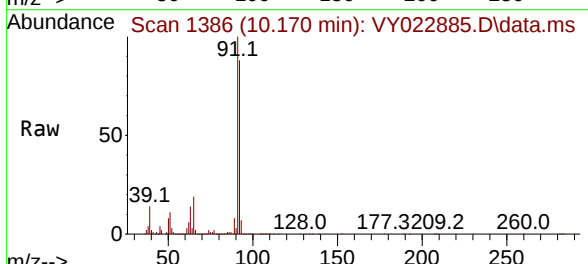
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0100

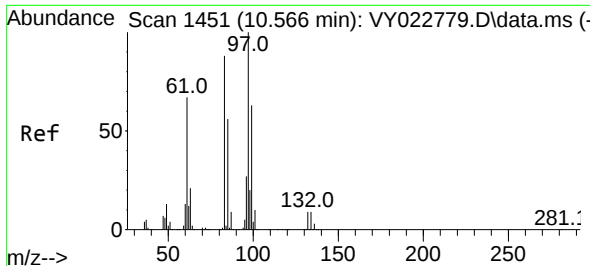
Tgt Ion: 92 Resp:12020817
Ion Ratio Lower Upper
92 100
91 140.4 139.0 208.4



#53
t-1,3-Dichloropropene
Concen: 35.931 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.226 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 75 Resp: 154047
Ion Ratio Lower Upper
75 100
77 159.7 26.5 39.7#

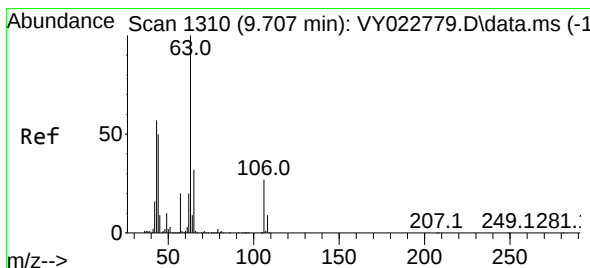
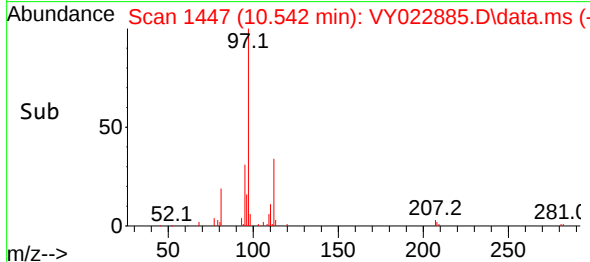
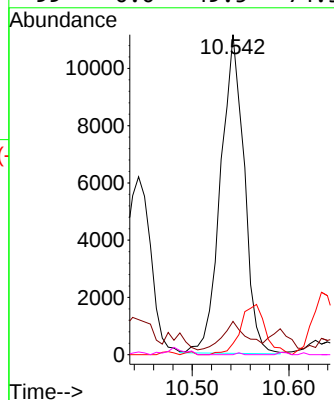
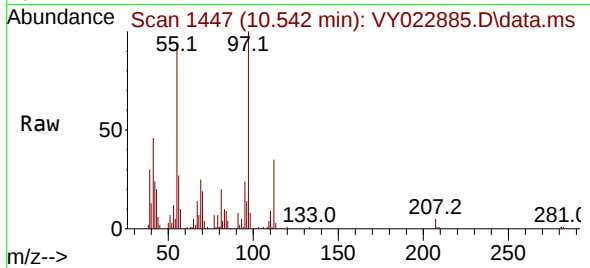




#55
1,1,2-Trichloroethane
Concen: 7.863 ug/l
RT: 10.542 min Scan# 1451
Delta R.T. -0.031 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

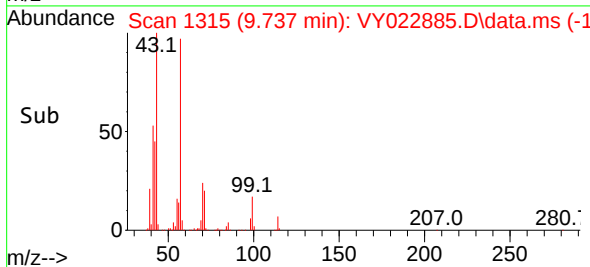
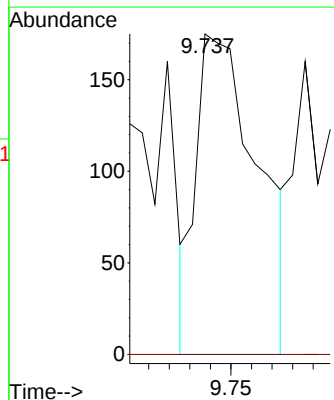
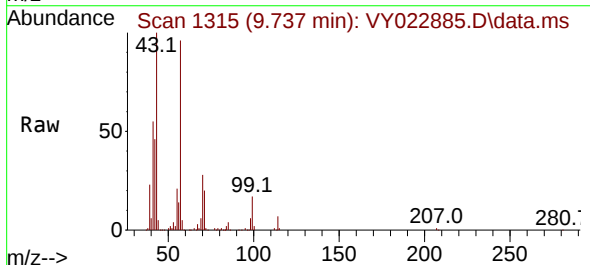
Instrument : MSVOA_Y
ClientSampleId : LAW-25-0100

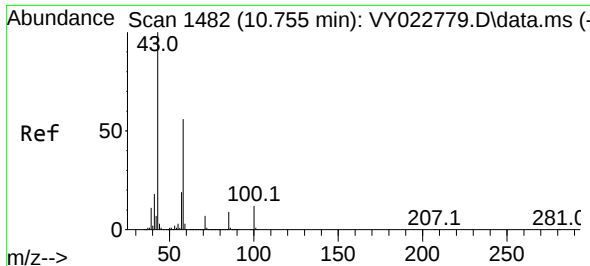
Tgt Ion: 97	Resp: 18815
Ion Ratio	Lower Upper
97 100	
83 3.6	68.1 102.1#
85 3.5	48.2 72.2#
99 0.0	49.5 74.3#



#58
2-Chloroethyl Vinyl ether
Concen: 15.856 ug/l
RT: 9.737 min Scan# 1315
Delta R.T. 0.024 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 63	Resp: 362		
Ion Ratio	Lower	Upper	
63 100			
106 0.0	21.6	32.4#	

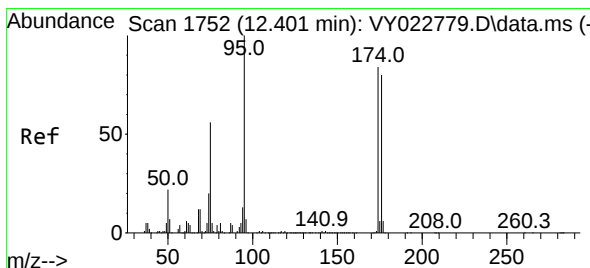
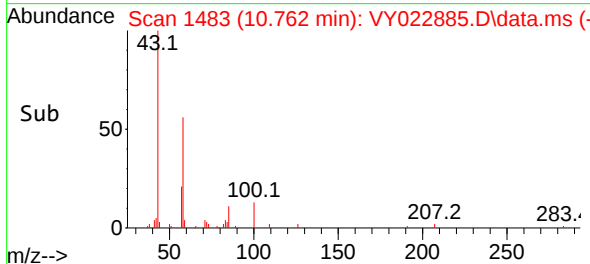
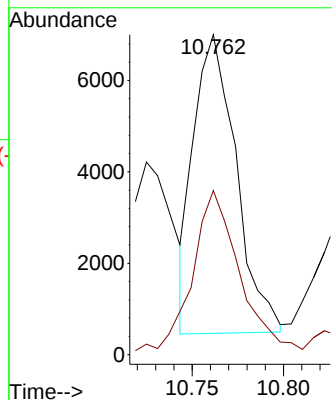
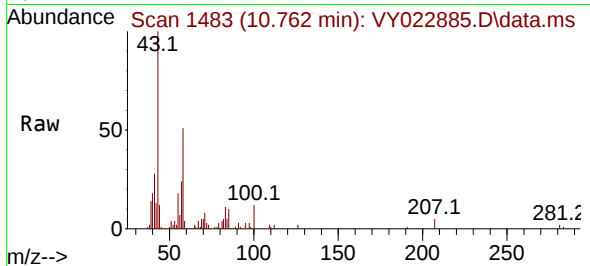




#59
2-Hexanone
Concen: 7.493 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

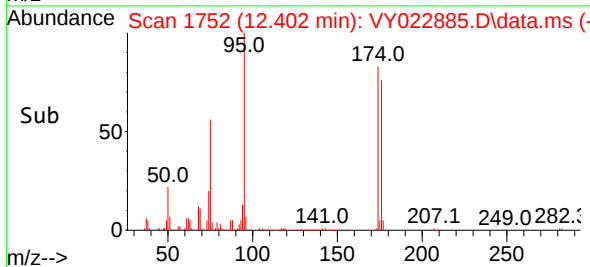
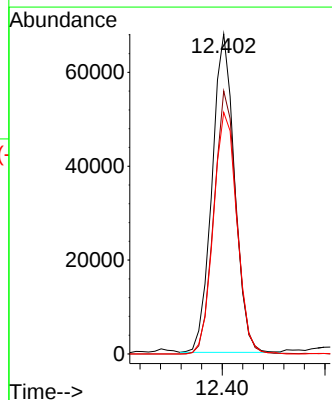
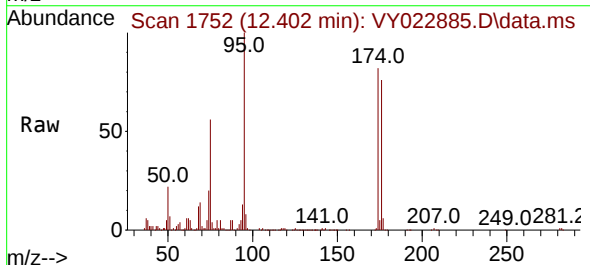
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0100

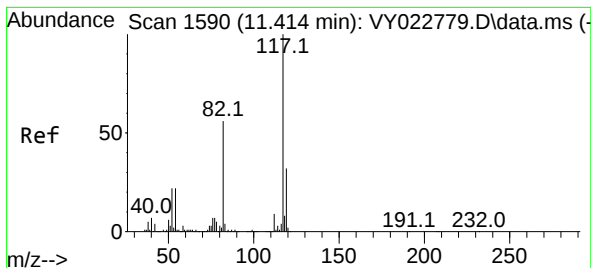
Tgt Ion: 43 Resp: 10503
Ion Ratio Lower Upper
43 100
58 64.4 27.3 81.8



#62
4-Bromofluorobenzene
Concen: 27.071 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 95 Resp: 103064
Ion Ratio Lower Upper
95 100
174 82.7 0.0 170.0
176 79.3 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

Instrument :

MSVOA_Y

ClientSampleId :

LAW-25-0100

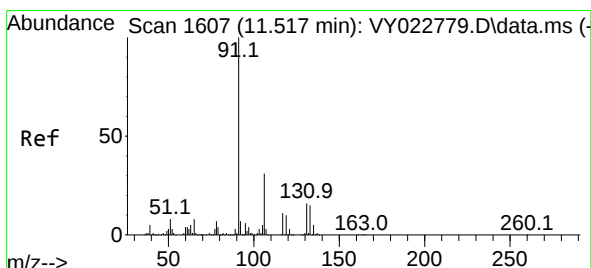
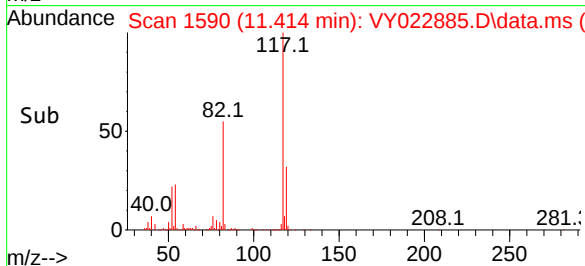
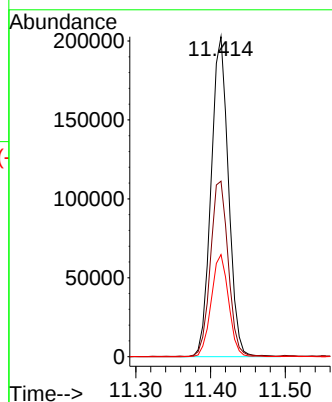
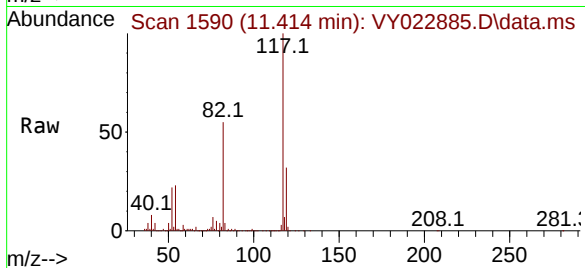
Tgt Ion:117 Resp: 326623

Ion Ratio Lower Upper

117 100

82 54.7 44.6 66.8

119 31.9 25.4 38.0



#67

Ethyl Benzene

Concen: 21.737 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022885.D

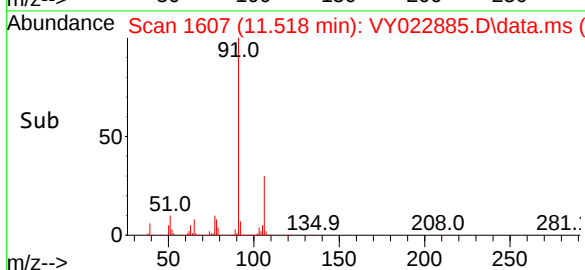
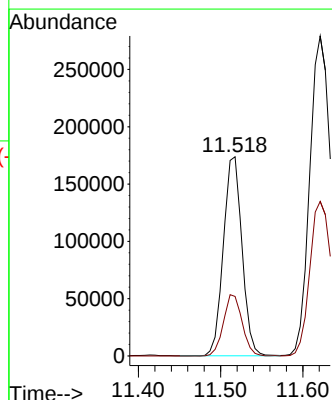
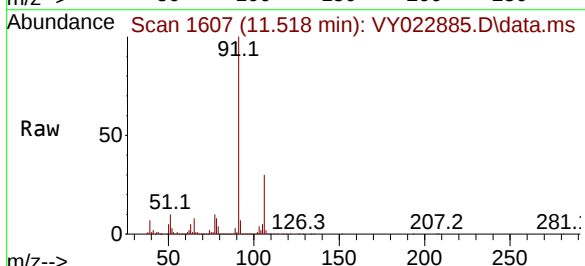
Acq: 30 Jun 2025 17:12

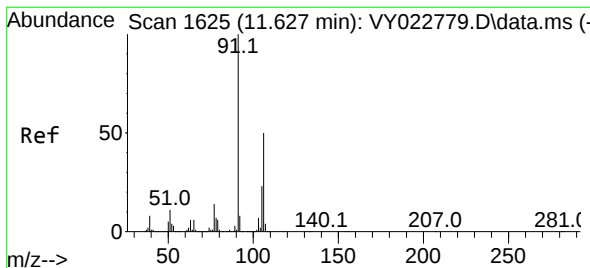
Tgt Ion: 91 Resp: 274099

Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.4

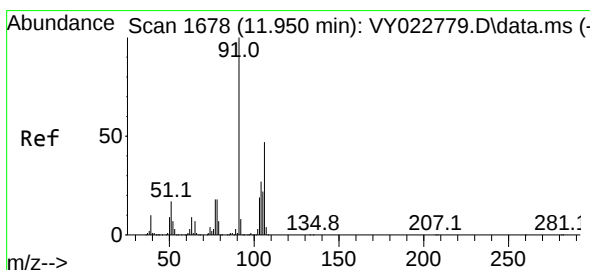
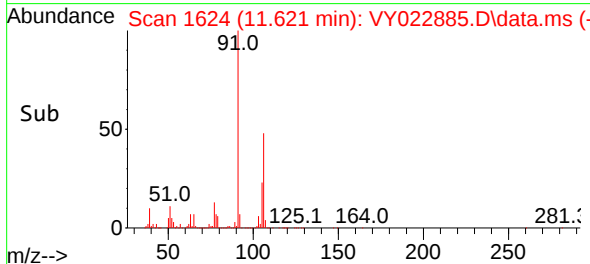
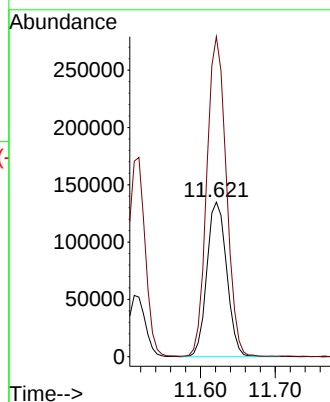
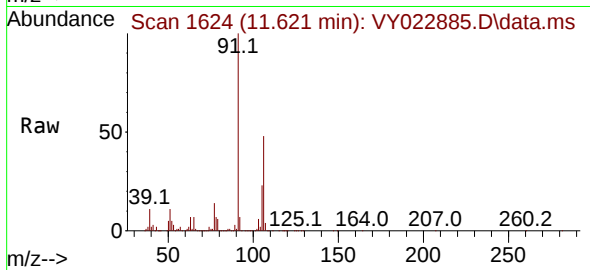




#68
m/p-Xylenes
Concen: 50.757 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

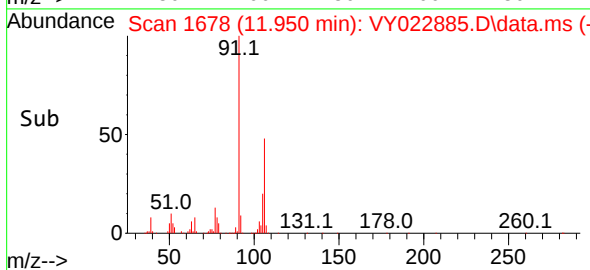
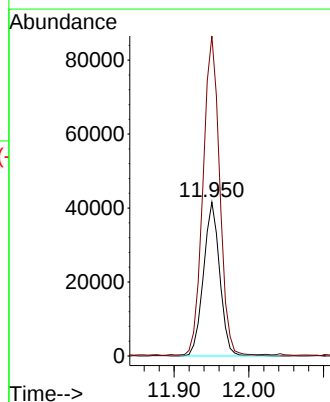
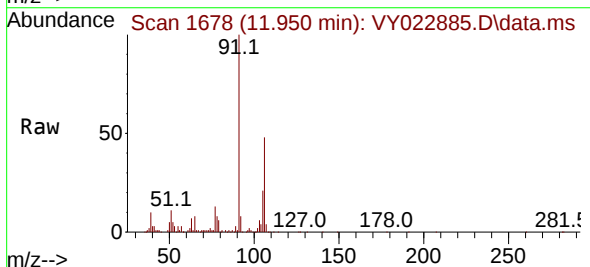
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0100

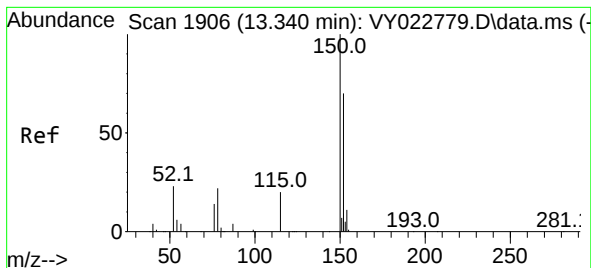
Tgt Ion:106 Resp: 247414
Ion Ratio Lower Upper
106 100
91 203.9 159.4 239.0



#69
o-Xylene
Concen: 13.656 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion:106 Resp: 62721
Ion Ratio Lower Upper
106 100
91 211.5 105.8 317.3

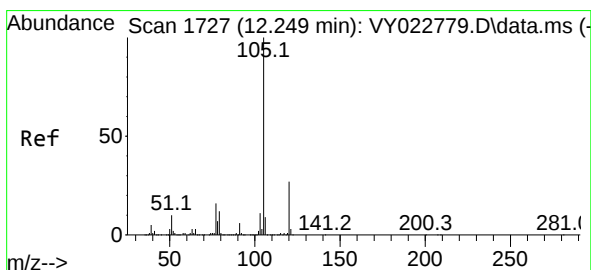
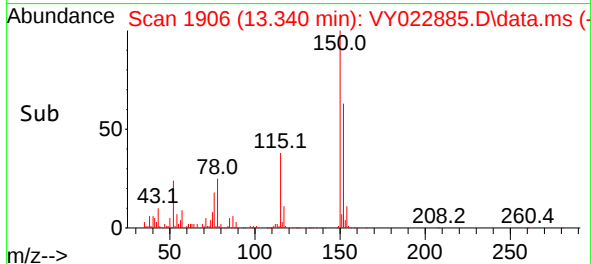
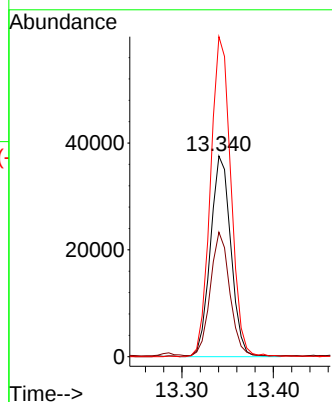
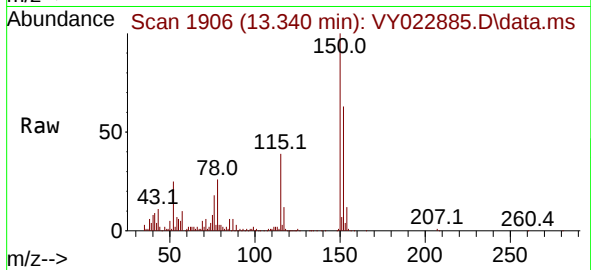




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY022885.D
 Acq: 30 Jun 2025 17:12

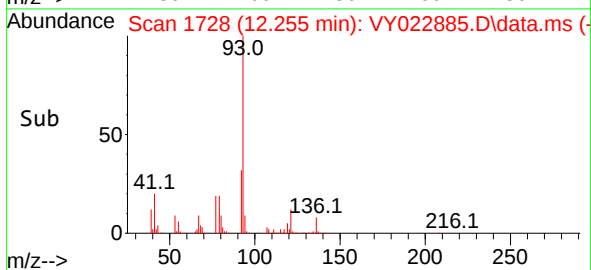
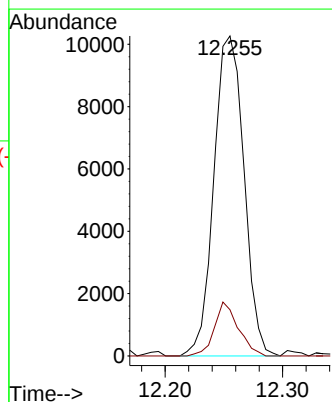
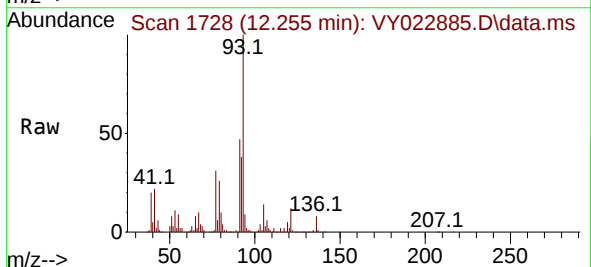
Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-25-0100

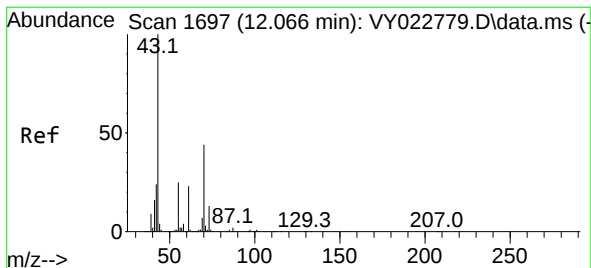
Tgt Ion:152 Resp: 58475
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.9 86.7
 150 158.3 0.0 349.6



#73
 Isopropylbenzene
 Concen: 4.228 ug/l
 RT: 12.255 min Scan# 1728
 Delta R.T. -0.000 min
 Lab File: VY022885.D
 Acq: 30 Jun 2025 17:12

Tgt Ion:105 Resp: 18284
 Ion Ratio Lower Upper
 105 100
 120 13.4 13.0 38.9





#74

N-amy1 acetate

Concen: 13.906 ug/l

RT: 12.042 min Scan# 1

Delta R.T. -0.031 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

Instrument :

MSVOA_Y

ClientSampleId :

LAW-25-0100

Tgt Ion: 43 Resp: 13499

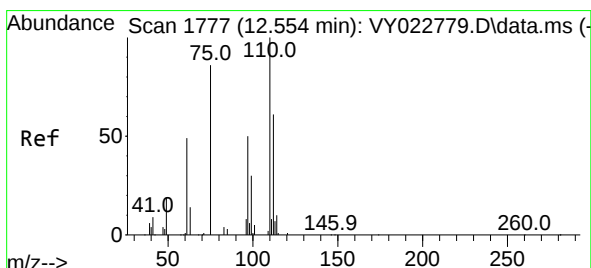
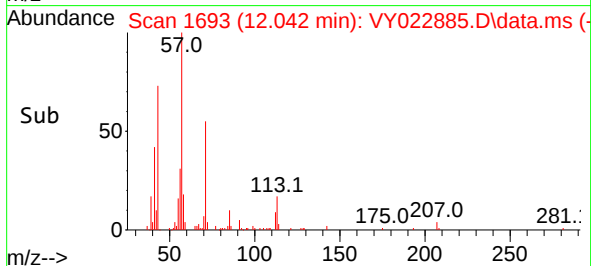
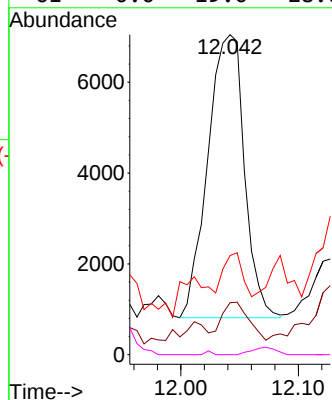
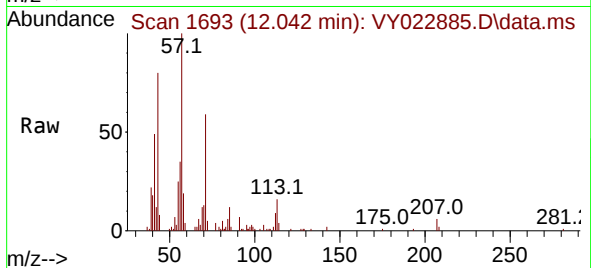
Ion Ratio Lower Upper

43 100

70 9.9 34.2 51.2#

55 11.6 18.2 27.4#

61 0.0 19.0 28.6#



#76

1,2,3-Trichloropropane

Concen: 99.338 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.153 min

Lab File: VY022885.D

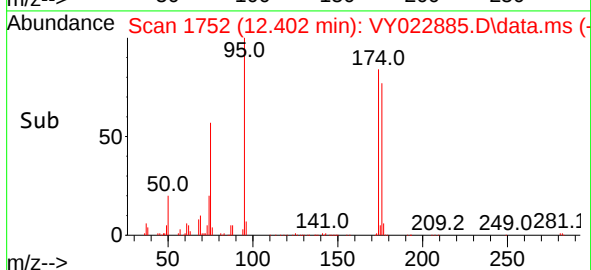
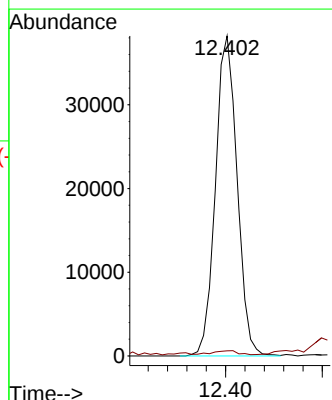
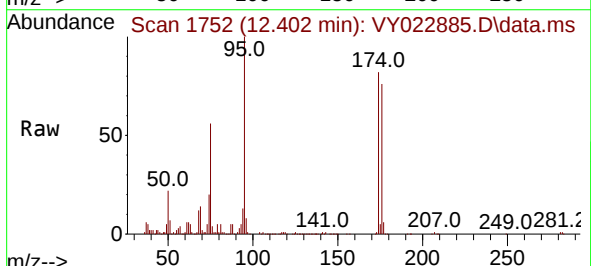
Acq: 30 Jun 2025 17:12

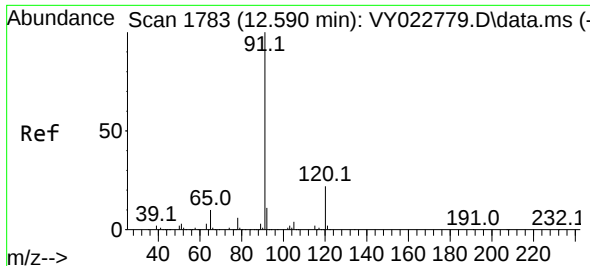
Tgt Ion: 75 Resp: 59303

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

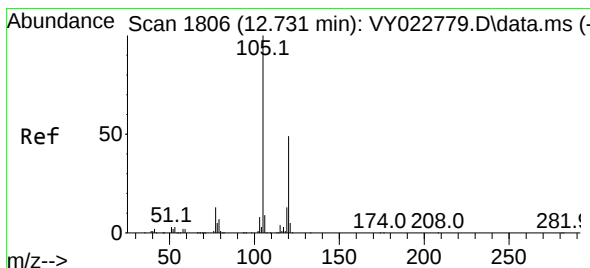
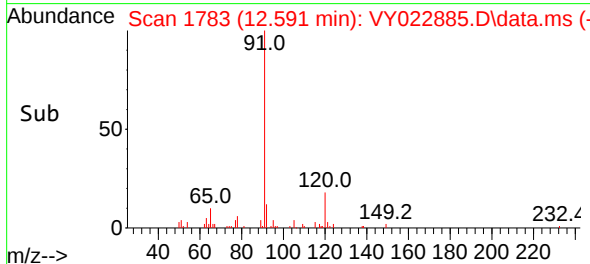
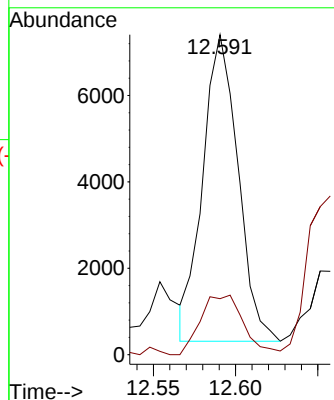
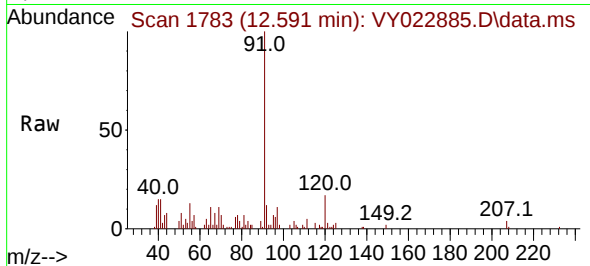




#78
n-propylbenzene
Concen: 2.022 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

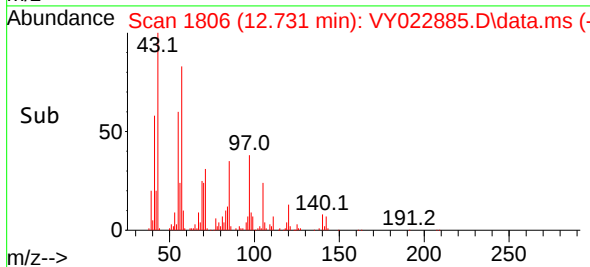
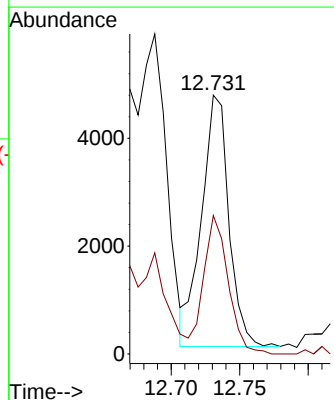
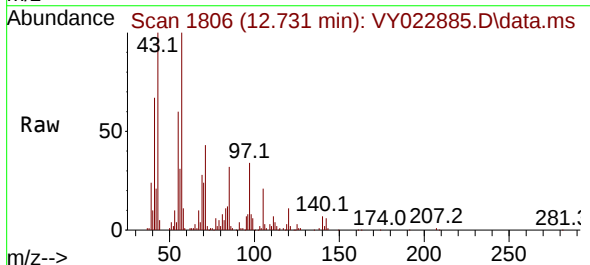
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0100

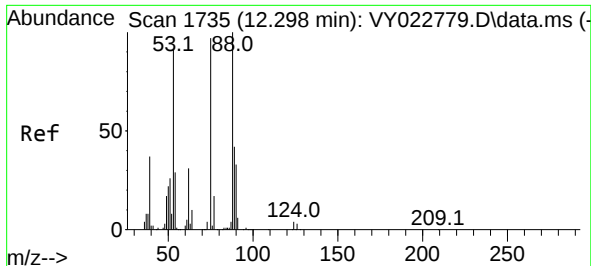
Tgt Ion: 91 Resp: 10559
Ion Ratio Lower Upper
91 100
120 23.8 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 1.854 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 105 Resp: 6471
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.4

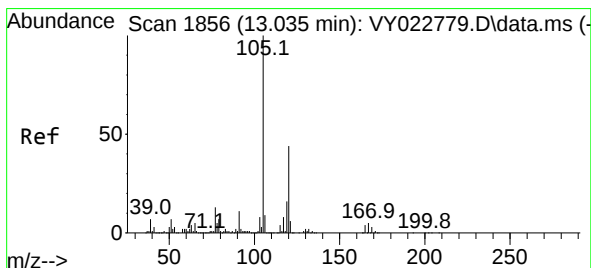
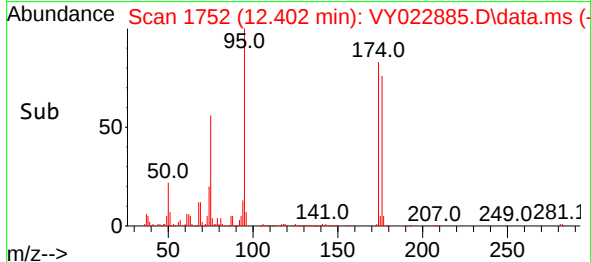
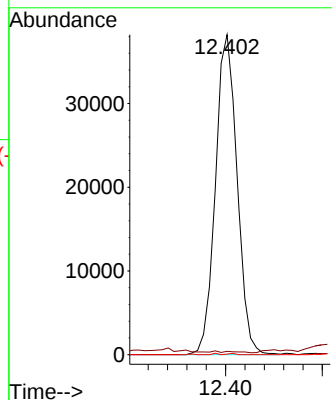
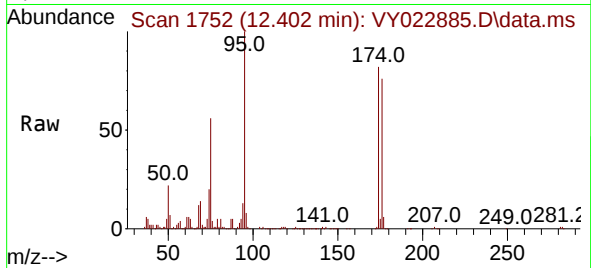




#81
trans-1,4-Dichloro-2-butene
Concen: 250.967 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

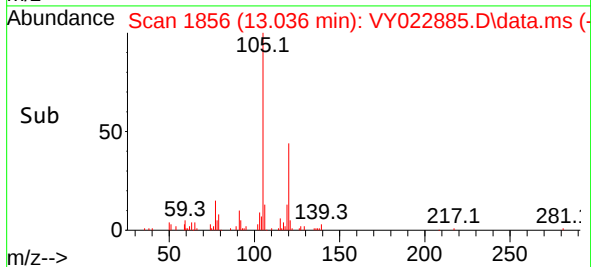
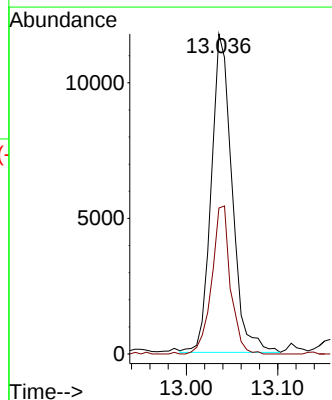
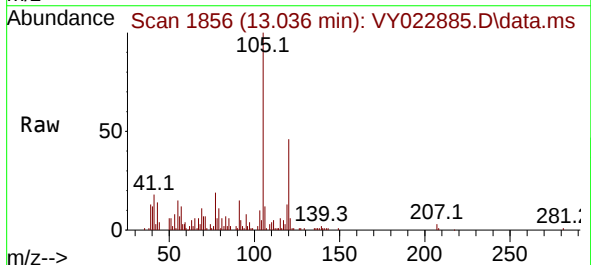
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0100

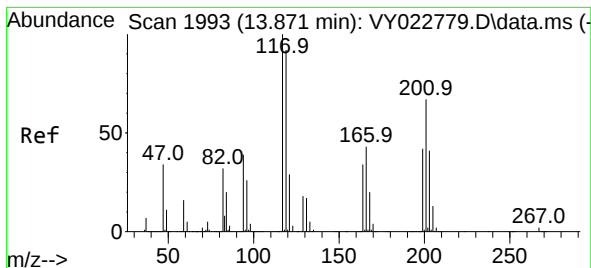
Tgt Ion: 75 Resp: 59303
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.1 35.7 53.5#



#84
1,2,4-Trimethylbenzene
Concen: 5.312 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022885.D
Acq: 30 Jun 2025 17:12

Tgt Ion: 105 Resp: 18567
Ion Ratio Lower Upper
105 100
120 41.7 22.7 68.1





#90

Hexachloroethane

Concen: 2.163 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

Instrument :

MSVOA_Y

ClientSampleId :

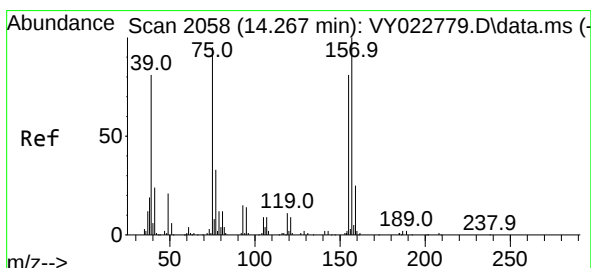
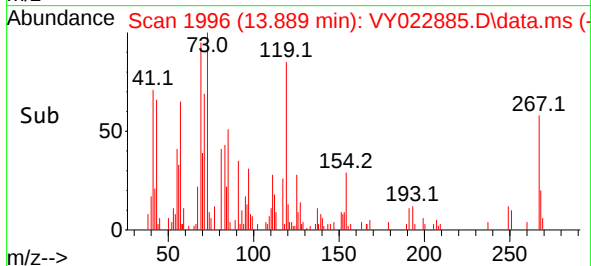
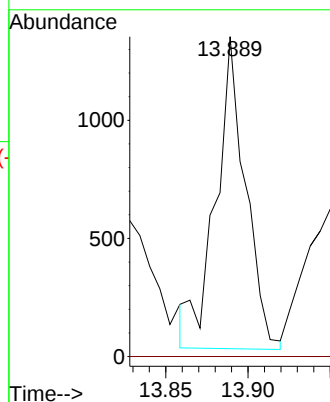
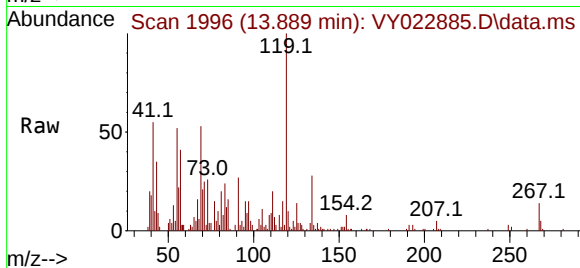
LAW-25-0100

Tgt Ion:117 Resp: 1661

Ion Ratio Lower Upper

117 100

201 0.0 34.0 102.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.225 ug/l

RT: 14.230 min Scan# 2052

Delta R.T. -0.043 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

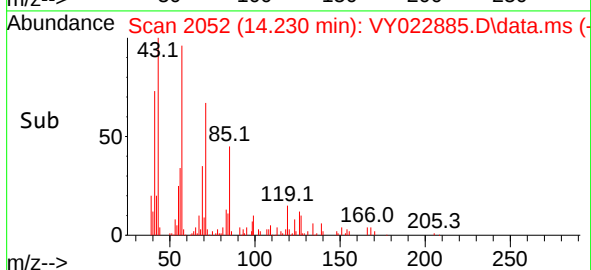
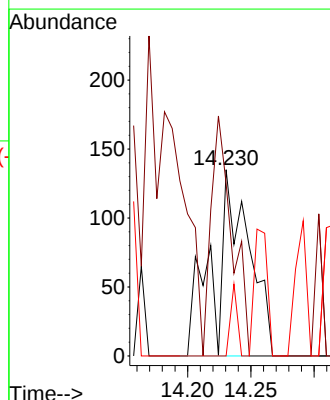
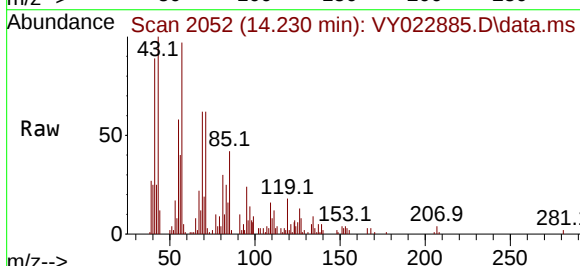
Tgt Ion: 75 Resp: 263

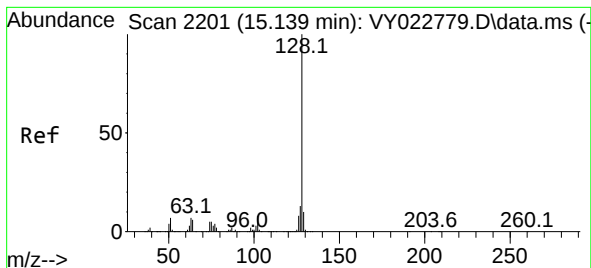
Ion Ratio Lower Upper

75 100

155 76.0 39.9 119.6

157 7.2 54.0 162.0#





#95

Naphthalene

Concen: 3.228 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

Instrument :

MSVOA_Y

ClientSampleId :

LAW-25-0100

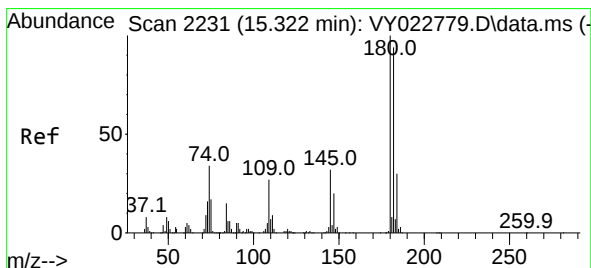
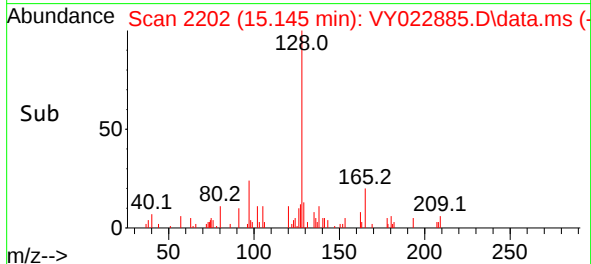
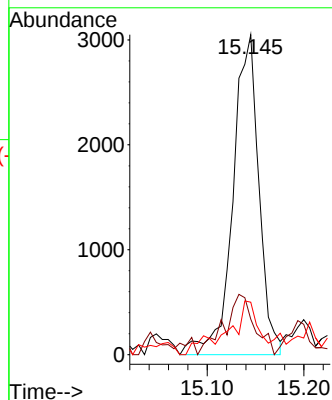
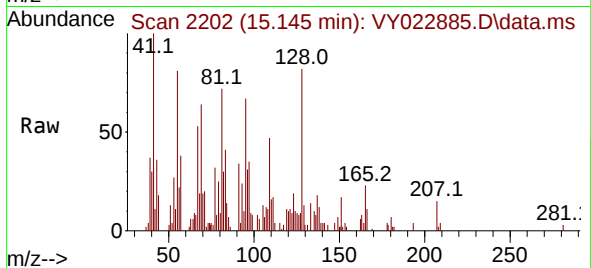
Tgt Ion:128 Resp: 5718

Ion Ratio Lower Upper

128 100

127 21.7 10.4 15.6#

129 10.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 1.757 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY022885.D

Acq: 30 Jun 2025 17:12

Tgt Ion:180 Resp: 1487

Ion Ratio Lower Upper

180 100

182 0.0 47.1 141.3#

145 0.0 15.2 45.6#

