

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
 Data File : VY022983.D
 Acq On : 08 Jul 2025 18:10
 Operator : SY/MD
 Sample : Q2480-02
 Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GPX2

Quant Time: Jul 09 02:35:17 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	323213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	600118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	719431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	367703	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	167323	46.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.634	113	168156	46.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.140%
50) Toluene-d8	10.103	98	1179385	81.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	162.880%#
62) 4-Bromofluorobenzene	12.401	95	525027	112.774	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	225.540%#

Target Compounds

						Qvalue
13) Acrolein	3.616	56	4184	12.864	ug/l #	1
14) Allyl chloride	4.470	41	21972	4.366	ug/l #	62
15) Acrylonitrile	5.128	53	28585	37.995	ug/l #	41
16) Acetone	3.854	43	27990	41.052	ug/l #	78
18) Methyl Acetate	4.659	43	889697	394.022	ug/l #	51
20) Methylene Chloride	4.610	84	48845	11.344	ug/l	91
23) Vinyl Acetate	5.994	43	12157	1.970	ug/l #	79
25) 2-Butanone	6.890	43	16912	17.043	ug/l #	56
28) Bromochloromethane	7.445	49	4946	1.743	ug/l #	17
29) Tetrahydrofuran	7.262	42	2773	4.425	ug/l #	31
30) Chloroform	7.445	83	13382	1.925	ug/l #	79
31) Cyclohexane	7.695	56	1584339	255.698	ug/l	87
36) 1,1-Dichloropropene	7.707	75	28960	5.235	ug/l #	45
37) Ethyl Acetate	6.890	43	16912	7.085	ug/l #	69
38) Carbon Tetrachloride	7.707	117	32275	5.529	ug/l #	16
39) Methylcyclohexane	9.109	83	6139551	857.613	ug/l	98
41) Methacrylonitrile	7.268	41	23067	15.696	ug/l #	39
42) 1,2-Dichloroethane	8.201	62	6043	1.297	ug/l #	1
43) Isopropyl Acetate	8.189	43	192757	38.852	ug/l #	61
47) Bromodichloromethane	9.408	83	135066	23.179	ug/l #	27
48) Methyl methacrylate	9.170	41	197434	82.778	ug/l #	32
49) 1,4-Dioxane	9.115	88	79	2.959	ug/l #	1
51) 4-Methyl-2-Pentanone	10.103	43	214662	85.142	ug/l #	46
55) 1,1,2-Trichloroethane	10.542	97	1231994	421.039	ug/l #	19
56) Ethyl methacrylate	10.444	69	389813	99.020	ug/l #	28
58) 2-Chloroethyl Vinyl ether	9.688	63	9556	19.984	ug/l #	48
59) 2-Hexanone	10.731	43	873895	509.820	ug/l #	29
61) 1,2-Dibromoethane	10.987	107	7290	2.662	ug/l #	1
64) Tetrachloroethene	10.646	164	34369	5.057	ug/l	92
65) Chlorobenzene	11.548	112	27165	1.718	ug/l #	43
67) Ethyl Benzene	11.517	91	318436	11.465	ug/l	99
68) m/p-Xylenes	11.627	106	479709	44.679	ug/l	97
69) o-Xylene	11.950	106	1092078	107.948	ug/l	99
70) Styrene	11.950	104	54919	3.241	ug/l #	1
73) Isopropylbenzene	12.249	105	726967	26.733	ug/l	99
74) N-amyl acetate	12.048	43	442573	72.505	ug/l #	51

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

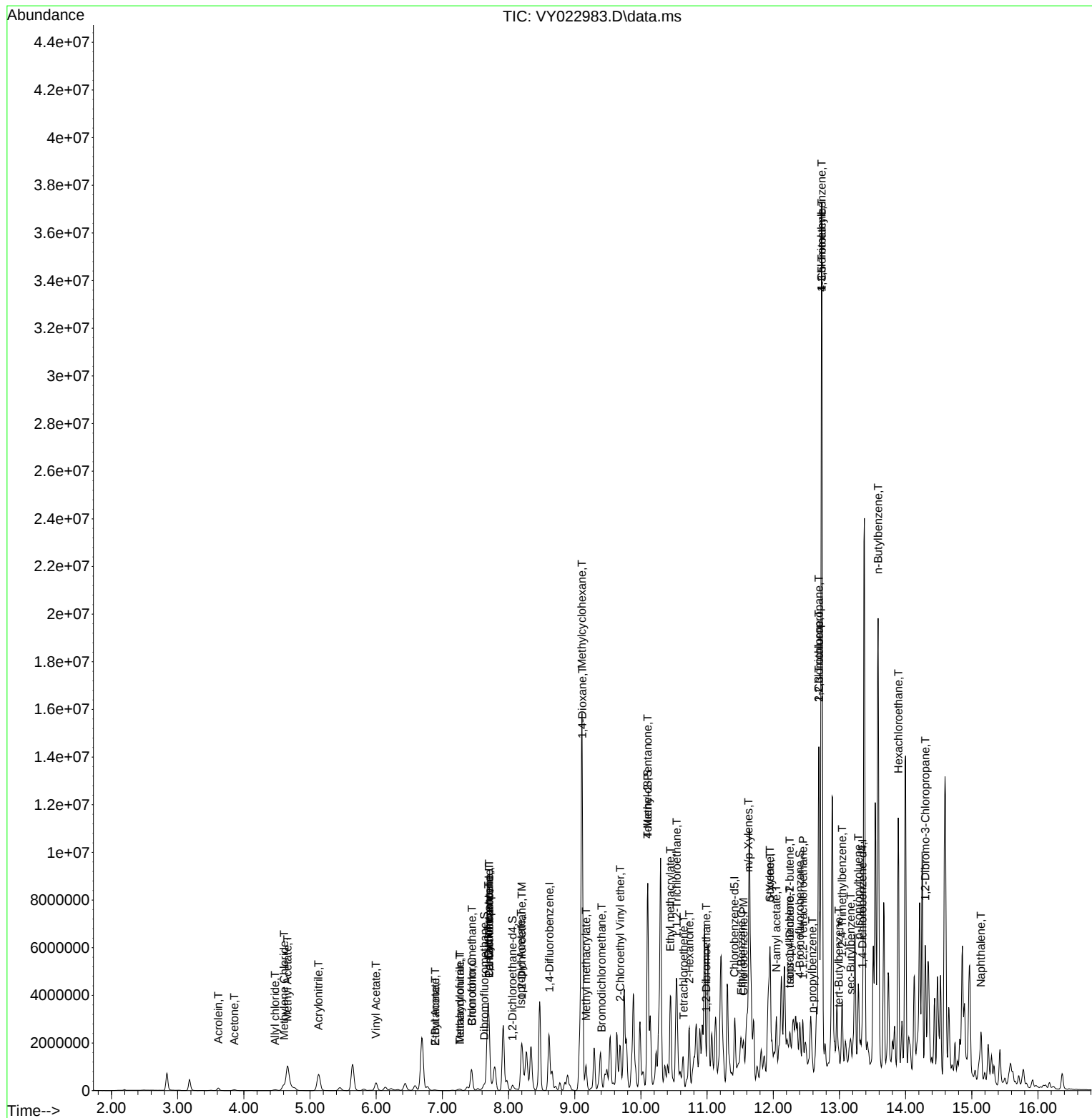
75) 1,1,2,2-Tetrachloroethane	12.450	83	34670	7.910	ug/l #	61
76) 1,2,3-Trichloropropane	12.688	75	66415	17.692	ug/l #	100
78) n-propylbenzene	12.590	91	170476	5.192	ug/l #	54
79) 2-Chlorotoluene	12.688	91	1051747	56.698	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.731	105	11901976	542.162	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.249	75	8252	5.554	ug/l #	1
82) 4-Chlorotoluene	12.731	91	1433579	73.574	ug/l #	42
83) tert-Butylbenzene	12.993	119	94793	4.896	ug/l	85
84) 1,2,4-Trimethylbenzene	13.042	105	1297150	59.018	ug/l	99
85) sec-Butylbenzene	13.170	105	536468	18.417	ug/l #	64
86) p-Isopropyltoluene	13.285	119	1384778	57.126	ug/l	98
89) n-Butylbenzene	13.584	91	1888622	82.827	ug/l #	1
90) Hexachloroethane	13.889	117	468075	96.948	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.297	75	15406	20.728	ug/l #	5
95) Naphthalene	15.139	128	1357945	121.913	ug/l	98

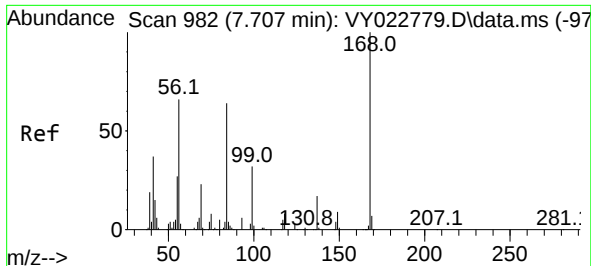
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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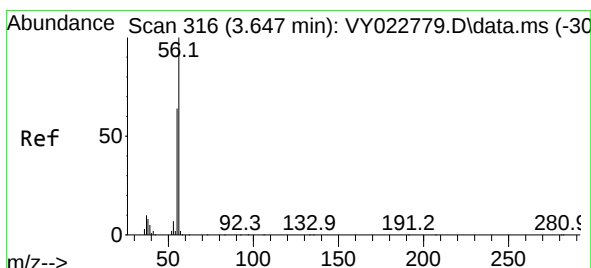
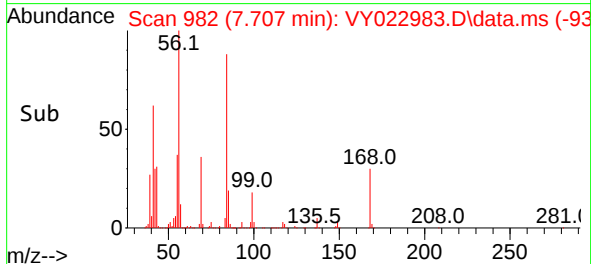
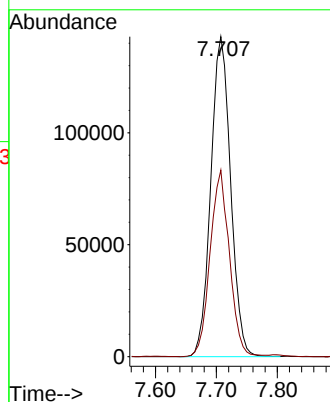
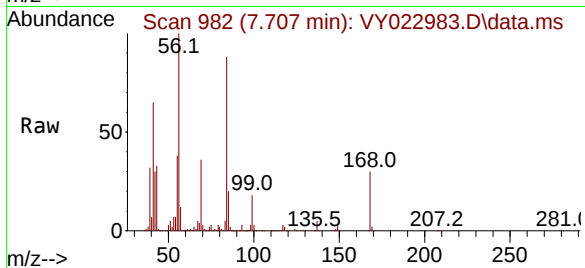




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

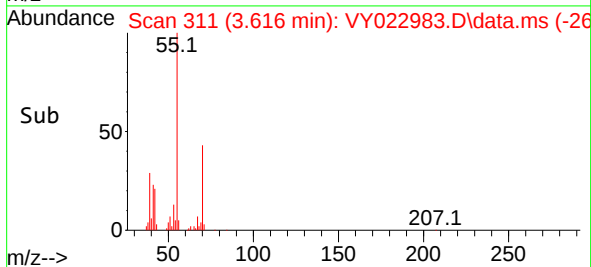
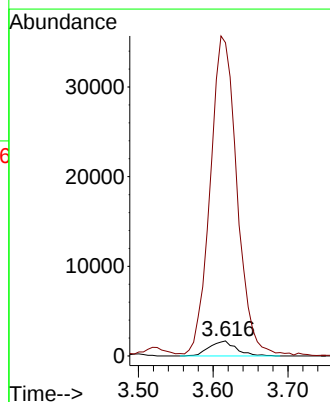
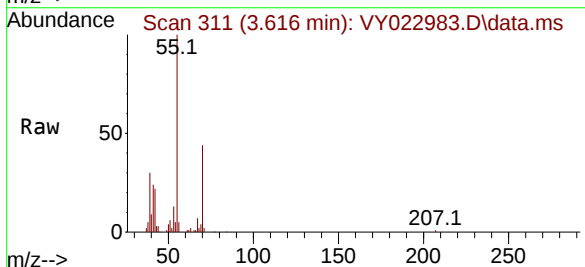
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

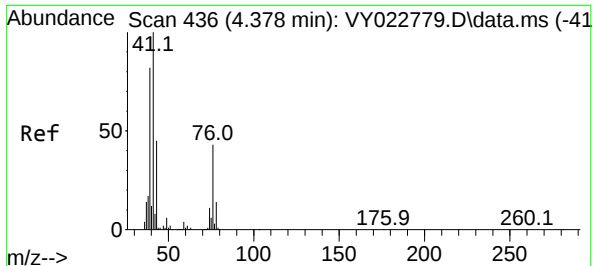
Tgt Ion:168 Resp: 323213
Ion Ratio Lower Upper
168 100
99 58.3 44.3 66.5



#13
Acrolein
Concen: 12.864 ug/l
RT: 3.616 min Scan# 311
Delta R.T. -0.043 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 56 Resp: 4184
Ion Ratio Lower Upper
56 100
55 2122.9 57.0 85.6#

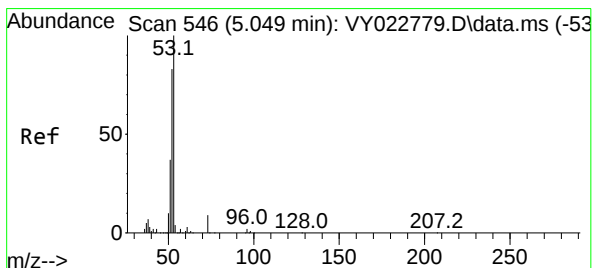
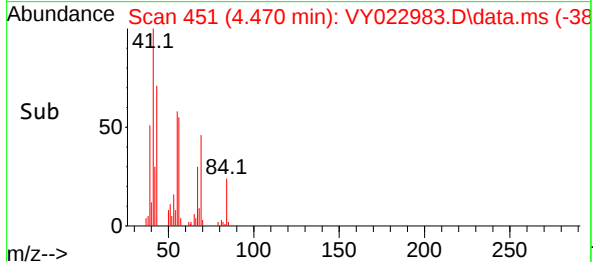
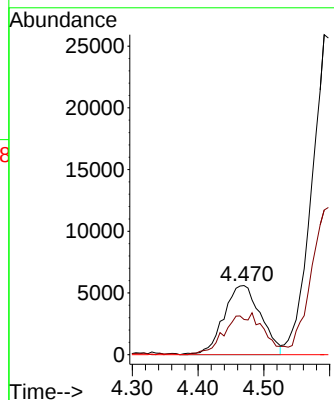
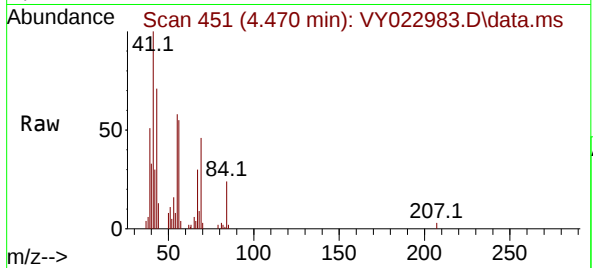




#14
 Allyl chloride
 Concen: 4.366 ug/l
 RT: 4.470 min Scan# 41
 Delta R.T. 0.079 min
 Lab File: VY022983.D
 Acq: 08 Jul 2025 18:10

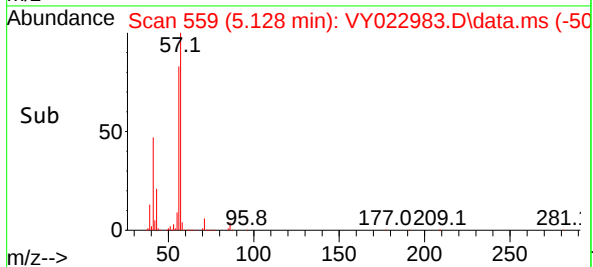
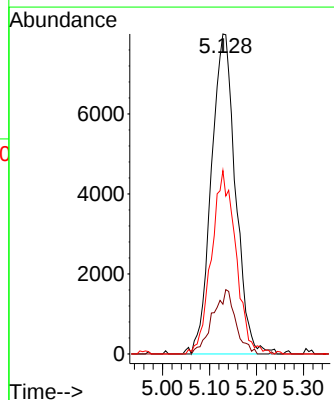
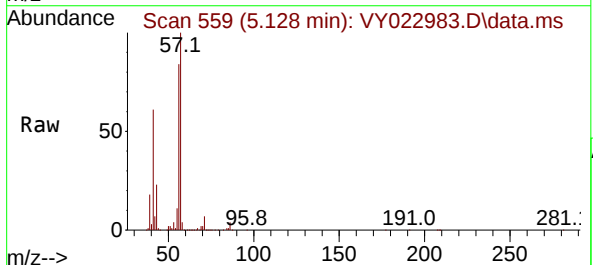
Instrument :
 MSVOA_Y
 ClientSampleId :
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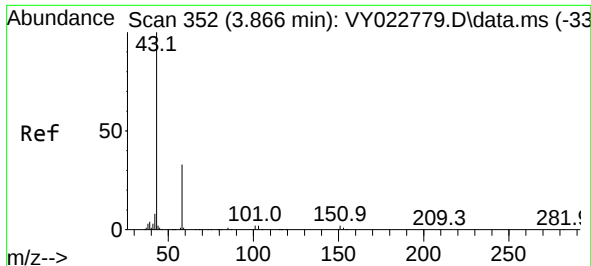
Tgt Ion: 41 Resp: 21972
 Ion Ratio Lower Upper
 41 100
 39 64.1 69.1 103.7#
 76 0.0 33.5 50.3#



#15
 Acrylonitrile
 Concen: 37.995 ug/l
 RT: 5.128 min Scan# 559
 Delta R.T. 0.061 min
 Lab File: VY022983.D
 Acq: 08 Jul 2025 18:10

Tgt Ion: 53 Resp: 28585
 Ion Ratio Lower Upper
 53 100
 52 19.1 65.7 98.5#
 51 57.9 30.1 45.1#

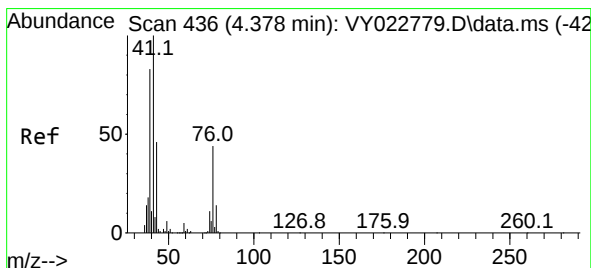
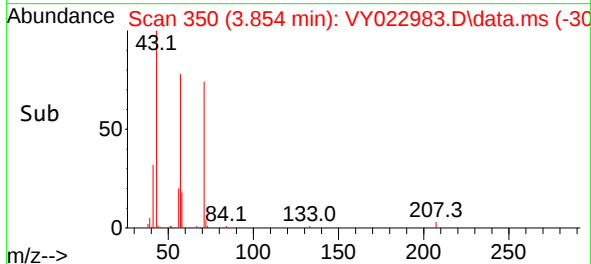
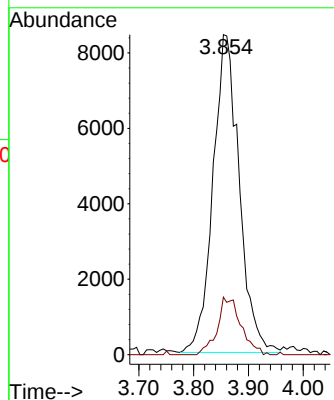
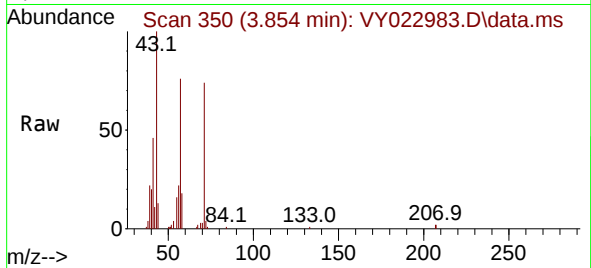




#16
Acetone
Concen: 41.052 ug/l
RT: 3.854 min Scan# 31
Delta R.T. -0.025 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

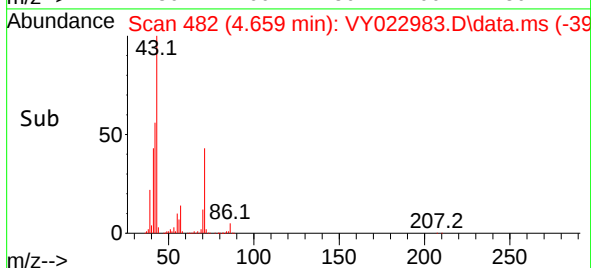
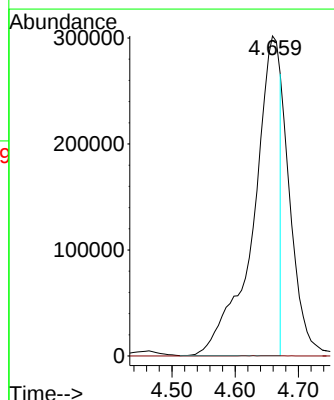
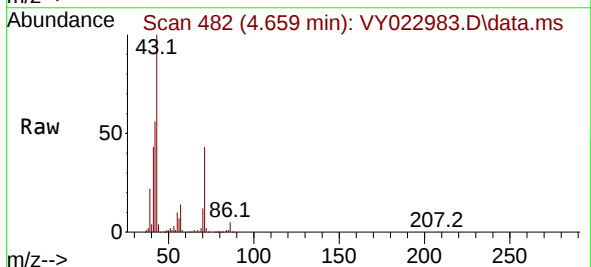
Instrument :
MSVOA_Y
ClientSampleId :
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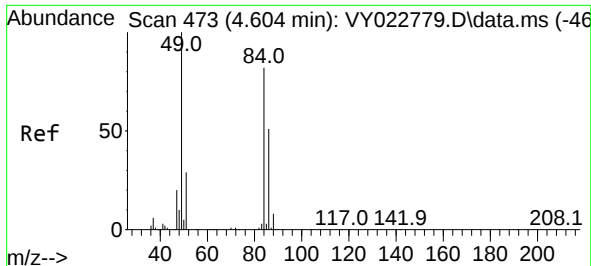
Tgt Ion: 43 Resp: 27990
Ion Ratio Lower Upper
43 100
58 18.1 24.0 36.0#



#18
Methyl Acetate
Concen: 394.022 ug/l
RT: 4.659 min Scan# 482
Delta R.T. 0.262 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 43 Resp: 889697
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



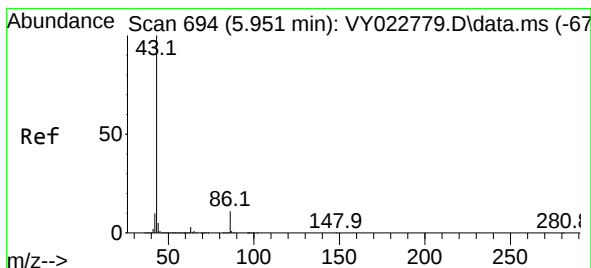
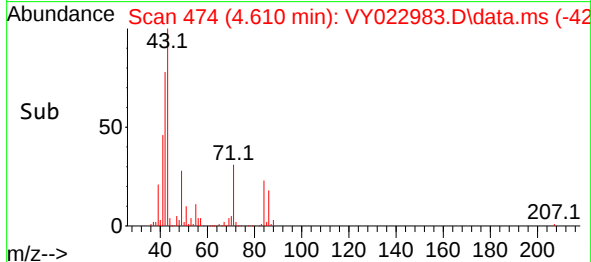
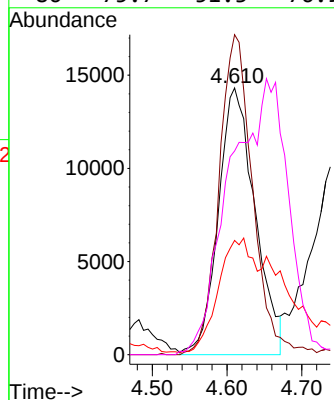
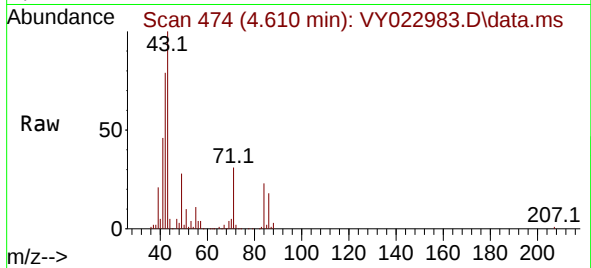


#20
Methylene Chloride
Concen: 11.344 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Instrument :
MSVOA_Y
ClientSampleId :
GPX2

Tgt Ion: 84 Resp: 48845

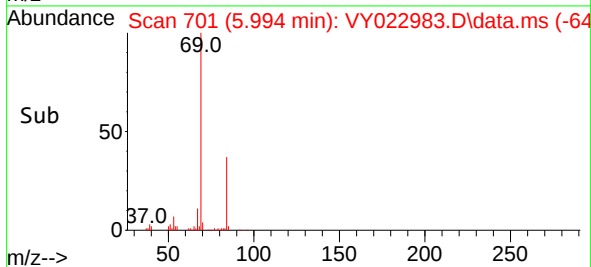
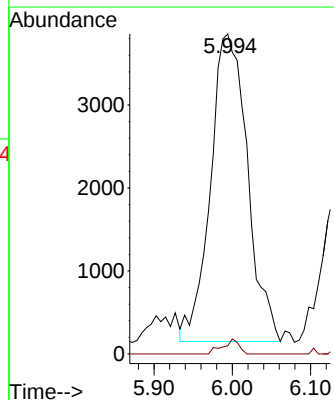
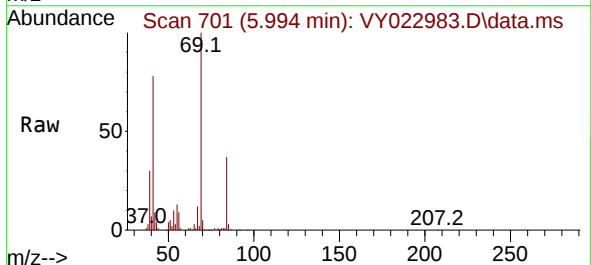
Ion	Ratio	Lower	Upper
84	100		
49	121.0	101.9	152.9
51	42.5	29.8	44.8
86	75.7	51.3	76.9

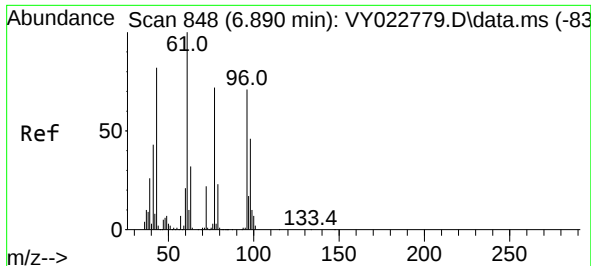


#23
Vinyl Acetate
Concen: 1.970 ug/l
RT: 5.994 min Scan# 701
Delta R.T. 0.024 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 43 Resp: 12157

Ion	Ratio	Lower	Upper
43	100		
86	2.6	8.6	12.8#





#25

2-Butanone

Concen: 17.043 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY022983.D

Acq: 08 Jul 2025 18:10

Instrument :

MSVOA_Y

ClientSampleId :

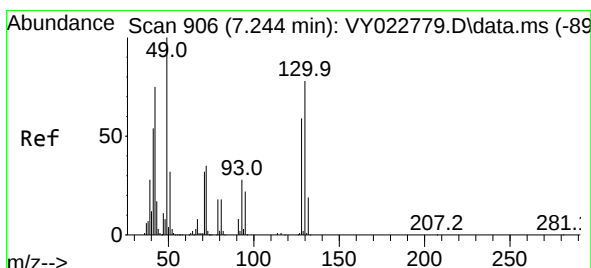
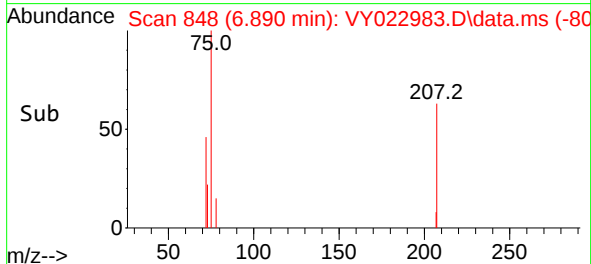
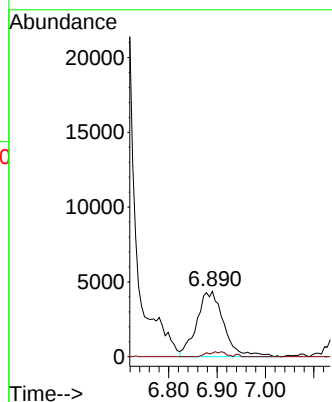
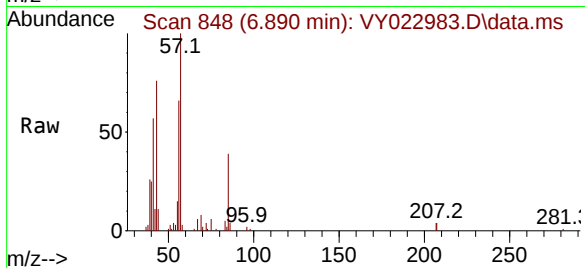
GPX2

Tgt Ion: 43 Resp: 16912

Ion Ratio Lower Upper

43 100

72 5.4 22.9 34.3#



#28

Bromochloromethane

Concen: 1.743 ug/l

RT: 7.445 min Scan# 939

Delta R.T. 0.195 min

Lab File: VY022983.D

Acq: 08 Jul 2025 18:10

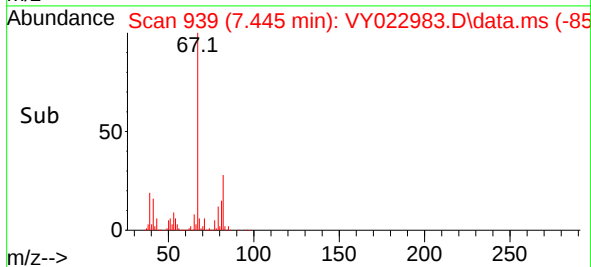
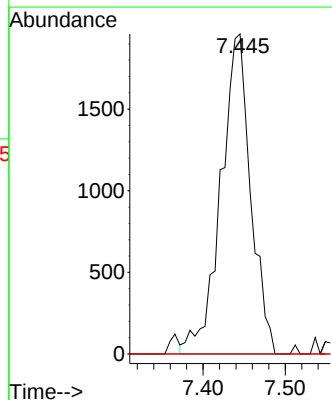
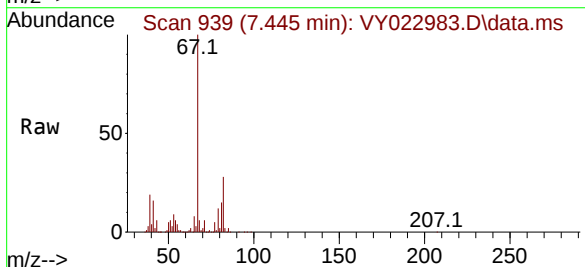
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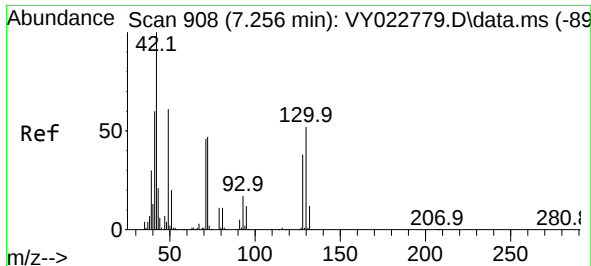
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 55.7 83.5#





#29

Tetrahydrofuran

Concen: 4.425 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022983.D

Acq: 08 Jul 2025 18:10

Instrument :

MSVOA_Y

ClientSampleId :

GPX2

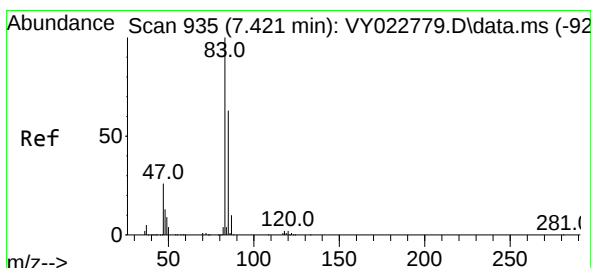
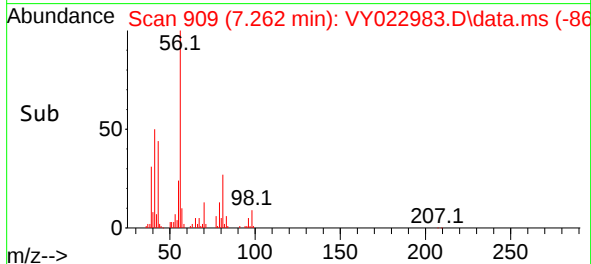
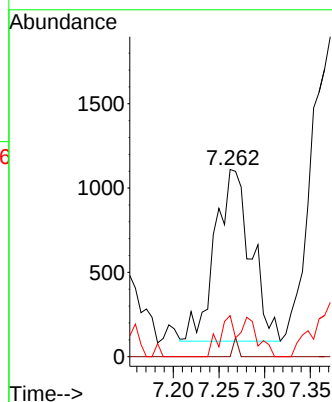
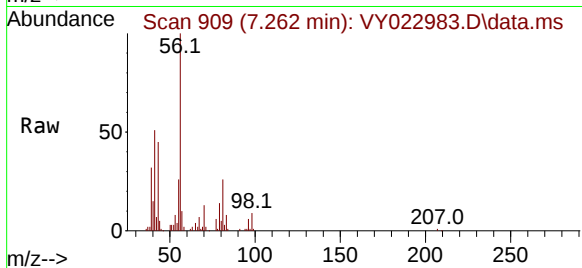
Tgt Ion: 42 Resp: 2773

Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.2#

71 0.0 34.2 51.2#



#30

Chloroform

Concen: 1.925 ug/l

RT: 7.445 min Scan# 939

Delta R.T. 0.018 min

Lab File: VY022983.D

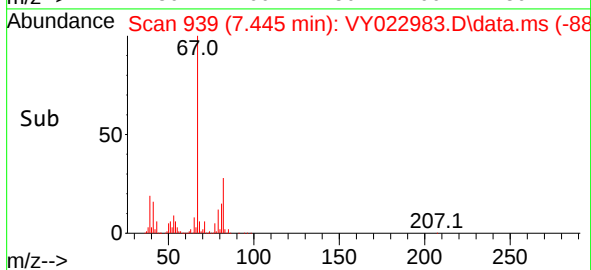
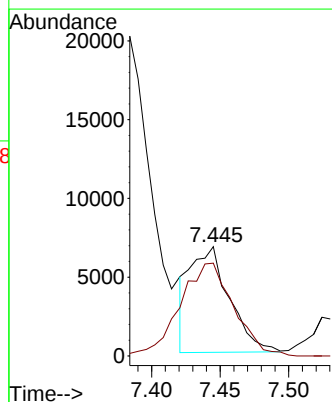
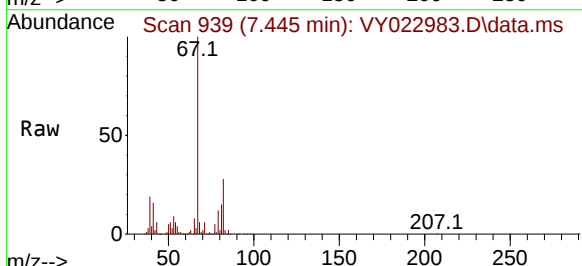
Acq: 08 Jul 2025 18:10

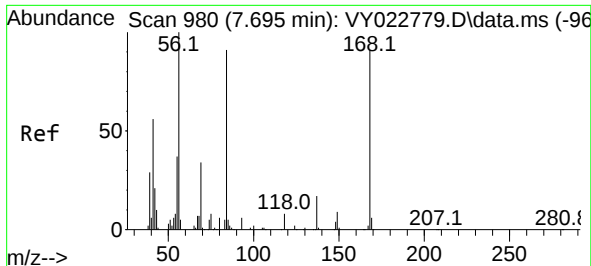
Tgt Ion: 83 Resp: 13382

Ion Ratio Lower Upper

83 100

85 85.0 54.2 81.4#

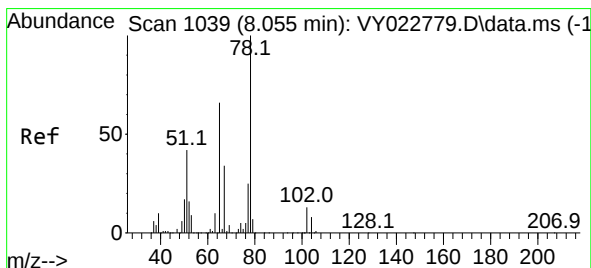
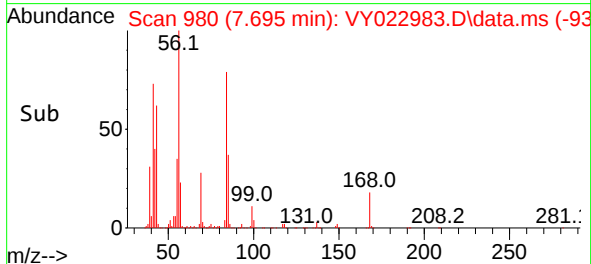
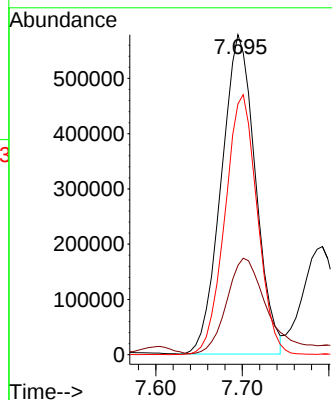
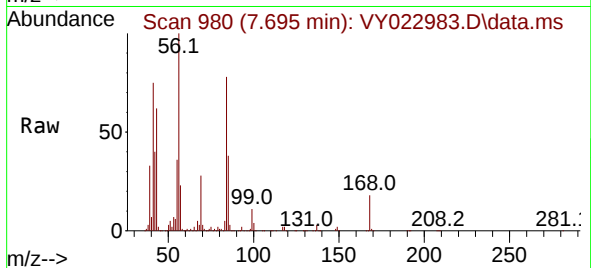




#31
Cyclohexane
Concen: 255.698 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

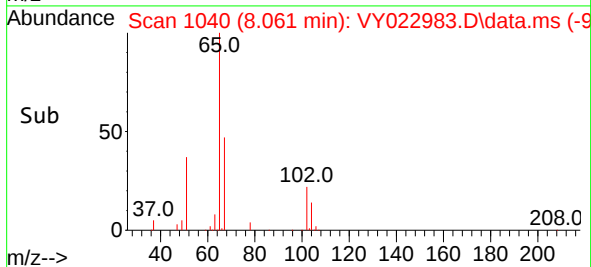
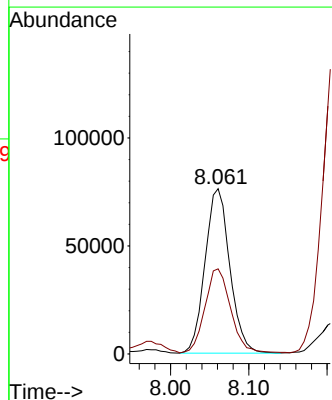
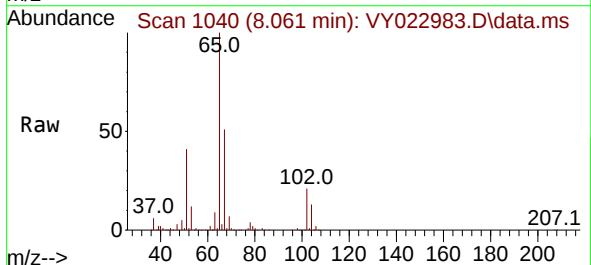
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

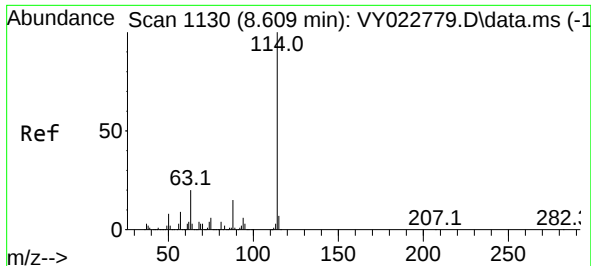
Tgt Ion: 56 Resp: 1584339
Ion Ratio Lower Upper
56 100
69 27.1 27.0 40.6
84 78.5 72.6 109.0



#33
1,2-Dichloroethane-d4
Concen: 46.383 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 65 Resp: 167323
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022983.D

Acq: 08 Jul 2025 18:10

Instrument :

MSVOA_Y

ClientSampleId :

GPX2

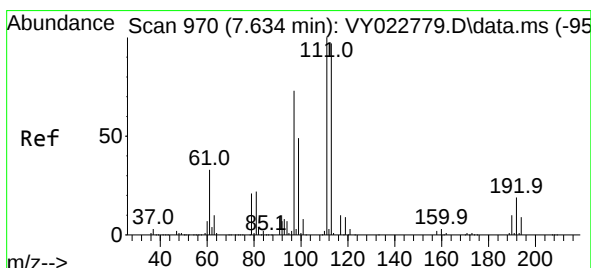
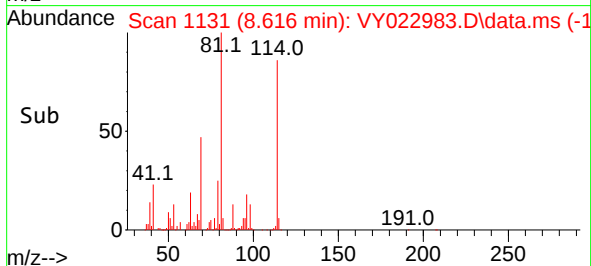
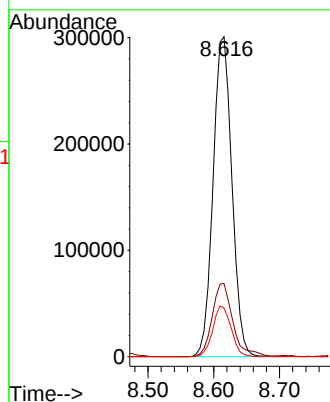
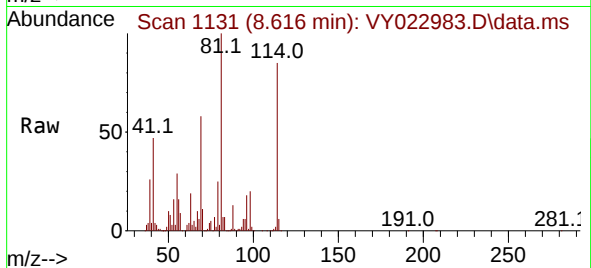
Tgt Ion:114 Resp: 600118

Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.8

88 15.2 0.0 27.8



#35

Dibromofluoromethane

Concen: 46.075 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY022983.D

Acq: 08 Jul 2025 18:10

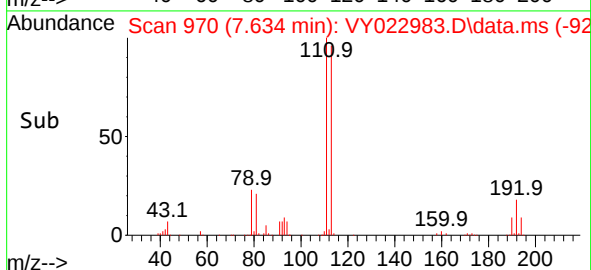
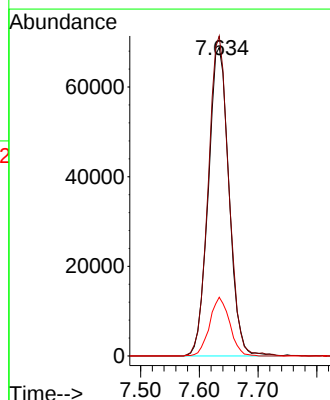
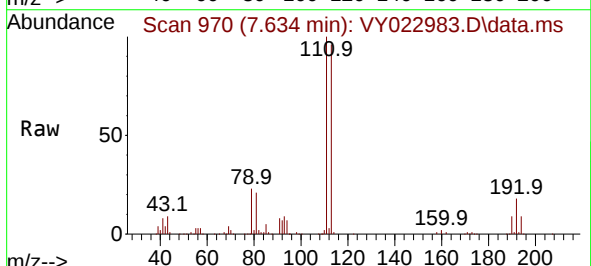
Tgt Ion:113 Resp: 168156

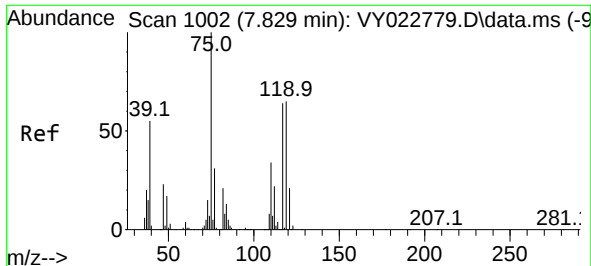
Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

192 18.4 14.2 21.2

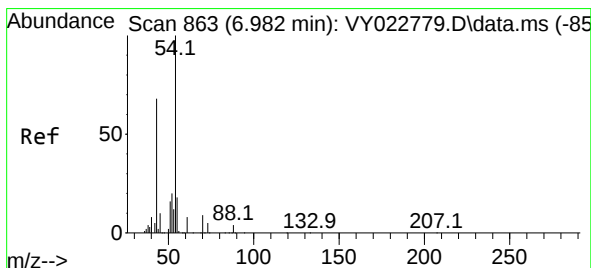
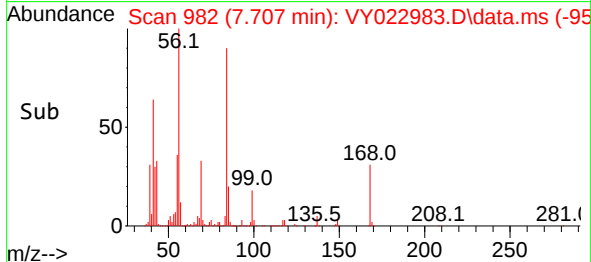
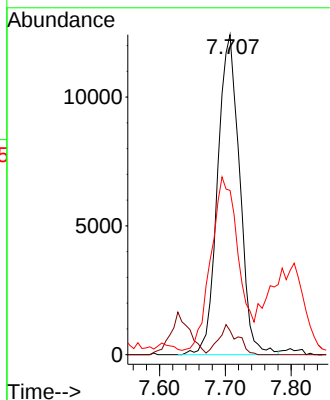
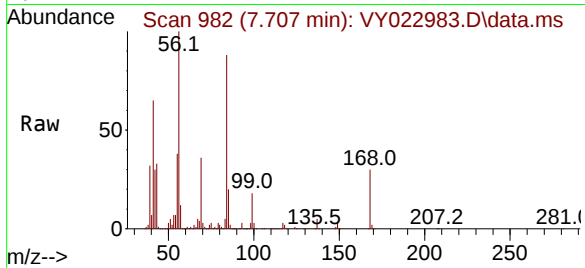




#36
1,1-Dichloropropene
Concen: 5.235 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

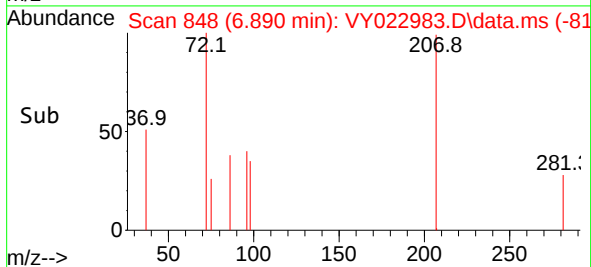
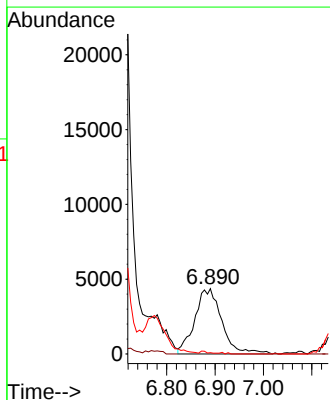
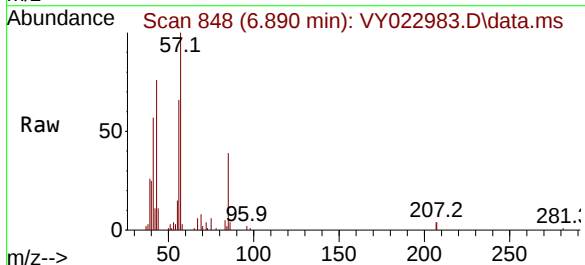
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

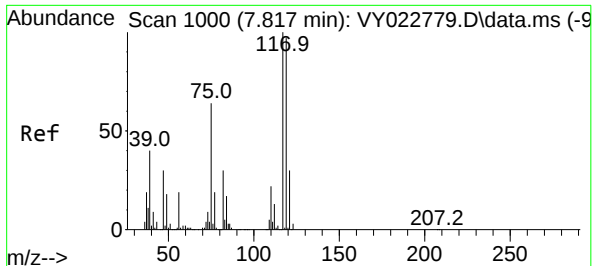
Tgt Ion: 75 Resp: 28960
Ion Ratio Lower Upper
75 100
110 8.1 16.9 50.7#
77 67.7 24.8 37.2#



#37
Ethyl Acetate
Concen: 7.085 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.104 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 43 Resp: 16912
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.2 10.8#

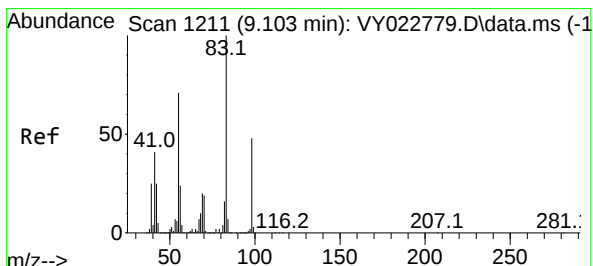
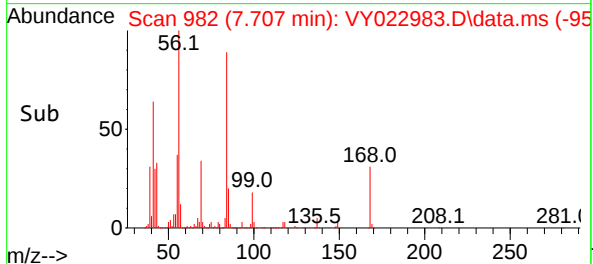
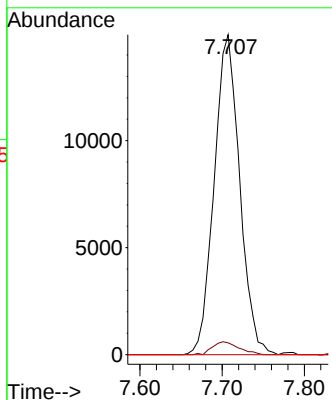
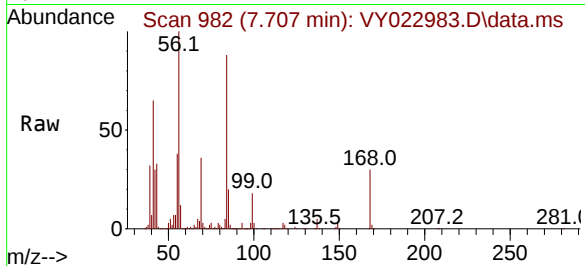




#38
Carbon Tetrachloride
Concen: 5.529 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

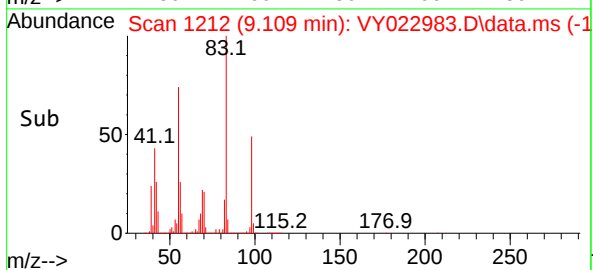
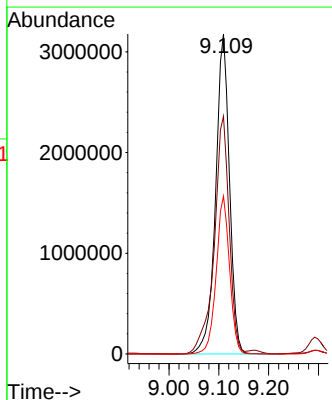
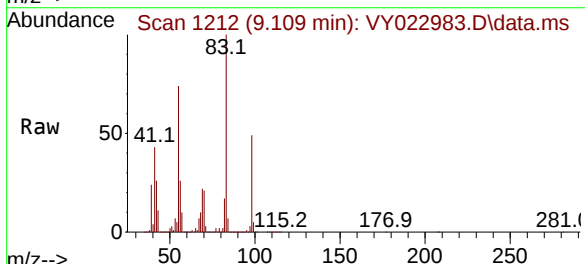
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

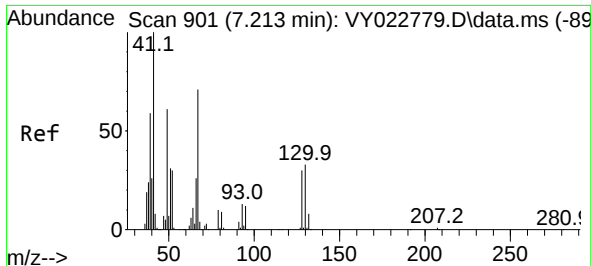
Tgt Ion:117 Resp: 32275
Ion Ratio Lower Upper
117 100
119 3.7 75.0 112.6#
121 0.0 25.0 37.4#



#39
Methylcyclohexane
Concen: 857.613 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 83 Resp: 6139551
Ion Ratio Lower Upper
83 100
55 74.3 58.1 87.1
98 49.3 39.0 58.6

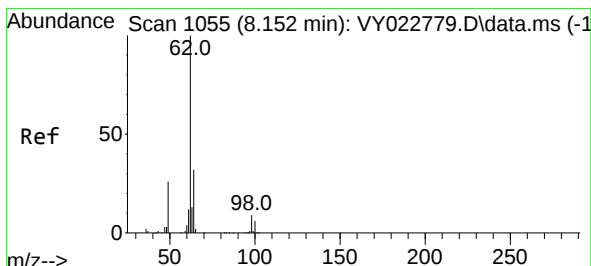
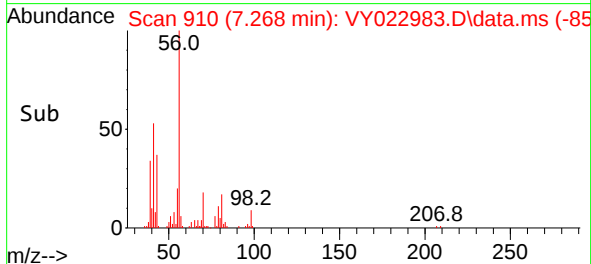
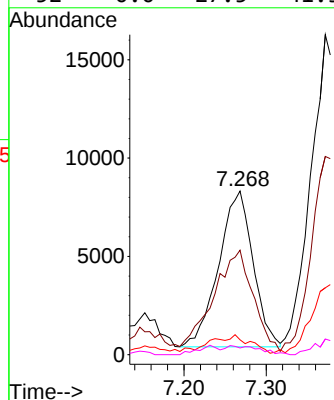
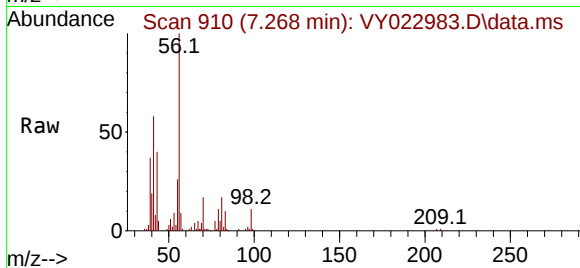




#41
Methacrylonitrile
Concen: 15.696 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.036 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

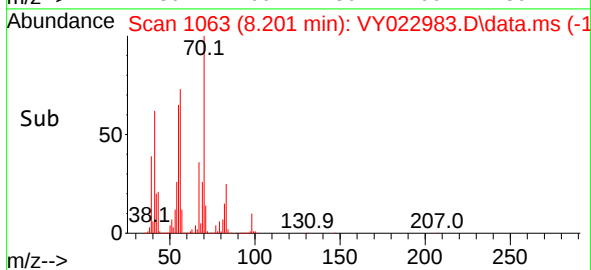
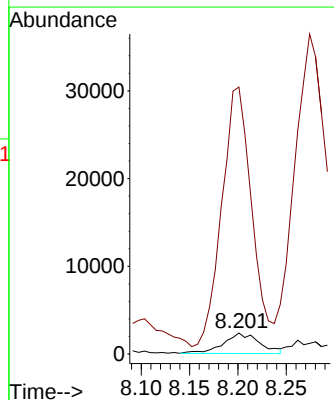
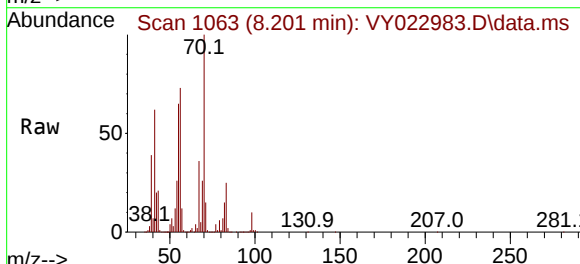
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

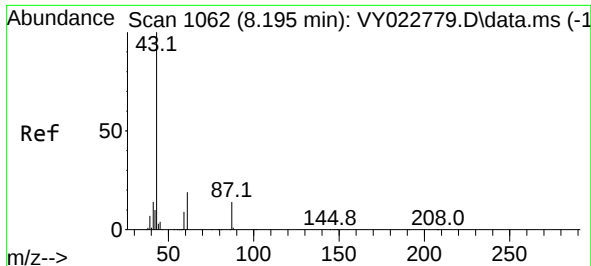
Tgt Ion:	41	Resp:	23067
Ion	Ratio	Lower	Upper
41	100		
39	74.9	46.6	69.8#
67	0.0	63.3	94.9#
52	0.0	27.5	41.3#



#42
1,2-Dichloroethane
Concen: 1.297 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.036 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:	62	Resp:	6043
Ion	Ratio	Lower	Upper
62	100		
98	1064.1	0.0	19.2#

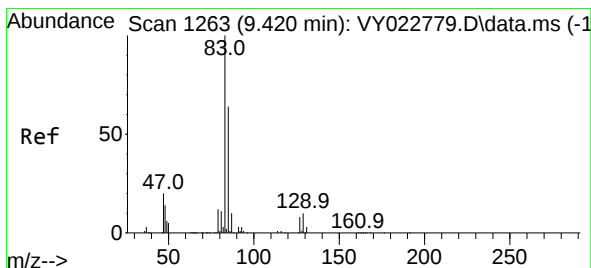
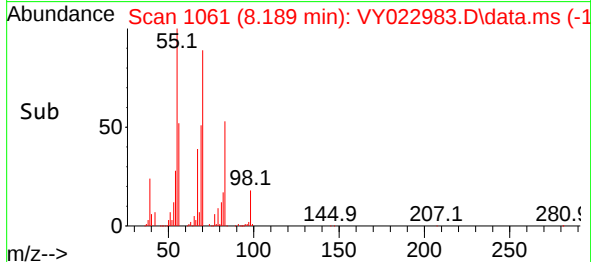
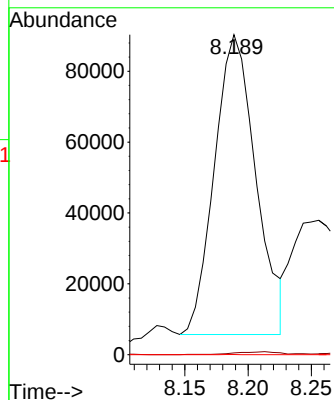
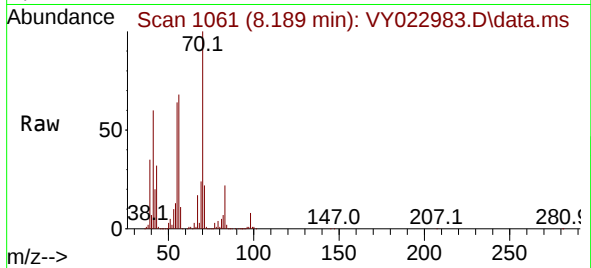




#43
Isopropyl Acetate
Concen: 38.852 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. -0.012 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

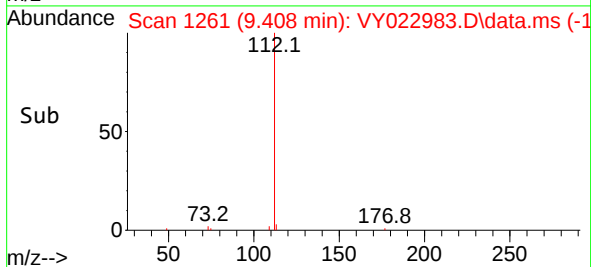
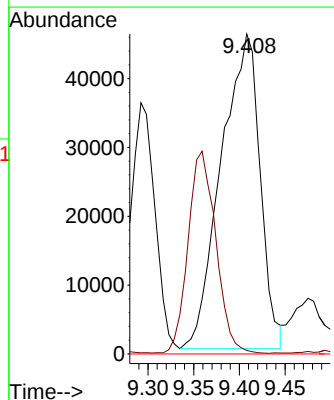
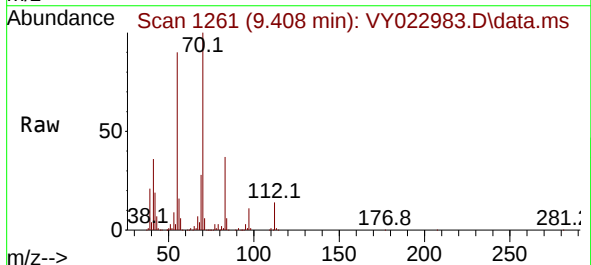
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

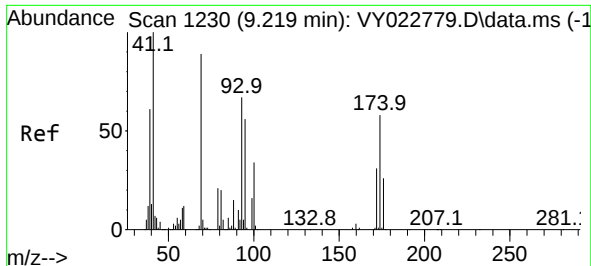
Tgt Ion: 43 Resp: 192757
Ion Ratio Lower Upper
43 100
61 0.0 15.6 23.4#
87 0.0 10.2 15.4#



#47
Bromodichloromethane
Concen: 23.179 ug/l
RT: 9.408 min Scan# 1261
Delta R.T. -0.018 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 83 Resp: 135066
Ion Ratio Lower Upper
83 100
85 0.8 49.1 73.7#
127 0.0 6.2 9.4#





#48

Methyl methacrylate

Concen: 82.778 ug/l

RT: 9.170 min Scan# 1

Delta R.T. -0.055 min

Lab File: VY022983.D

Acq: 08 Jul 2025 18:10

Instrument :

MSVOA_Y

ClientSampleId :

GPX2

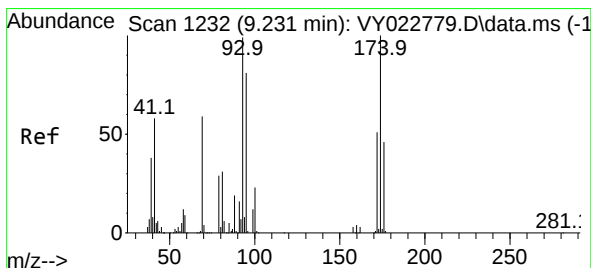
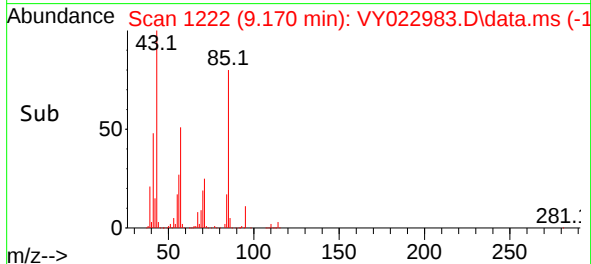
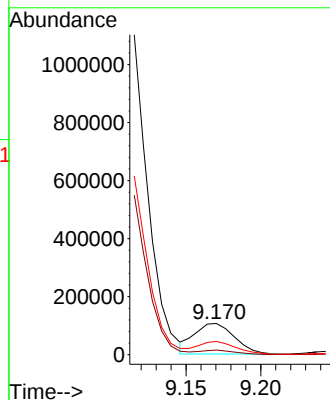
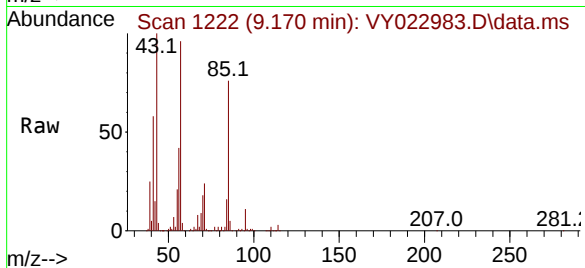
Tgt Ion: 41 Resp: 197434

Ion Ratio Lower Upper

41 100

69 0.0 67.8 101.8#

39 37.9 55.0 82.4#



#49

1,4-Dioxane

Concen: 2.959 ug/l

RT: 9.115 min Scan# 1213

Delta R.T. -0.128 min

Lab File: VY022983.D

Acq: 08 Jul 2025 18:10

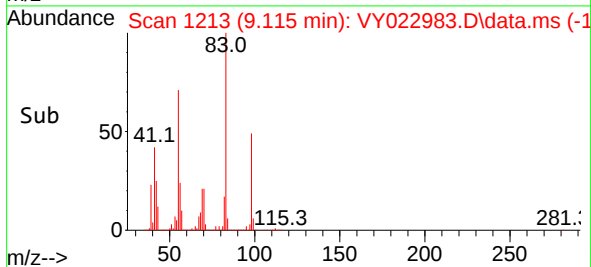
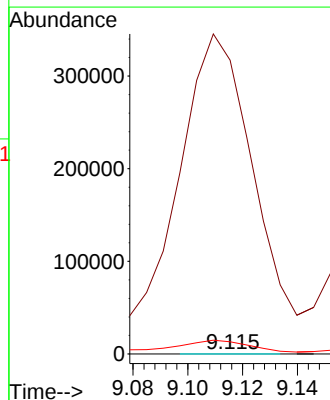
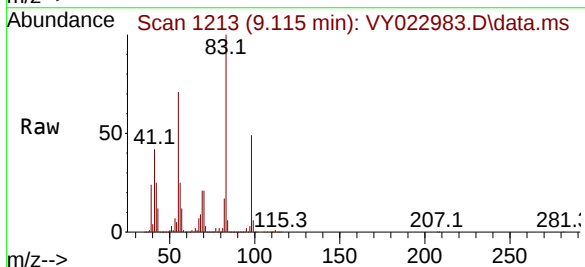
Tgt Ion: 88 Resp: 79

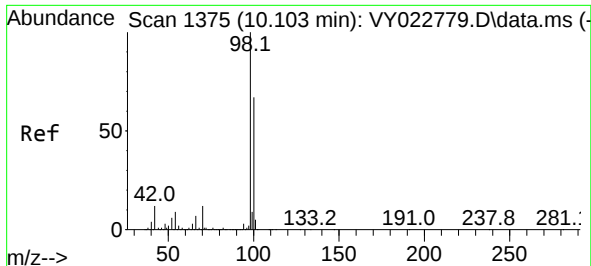
Ion Ratio Lower Upper

88 100

43 905438.0 25.4 38.2#

58 45597.5 54.9 82.3#

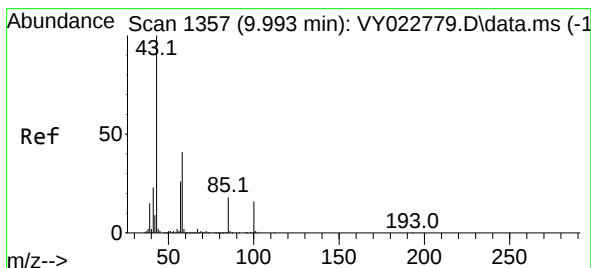
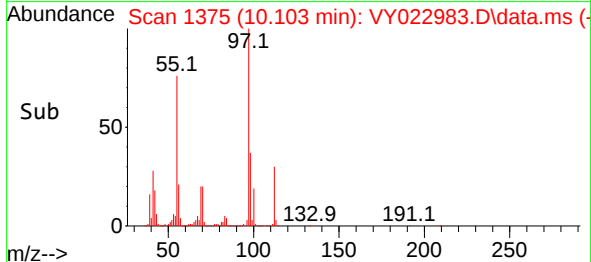
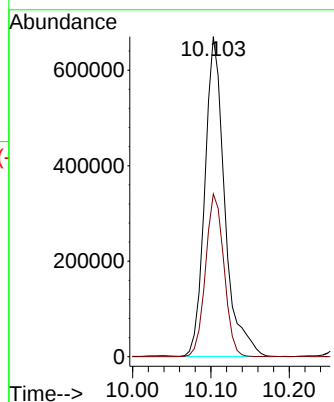
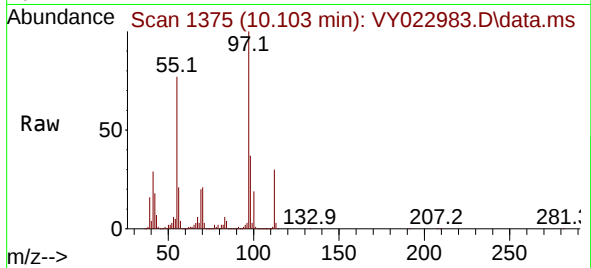




#50
Toluene-d8
Concen: 81.437 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

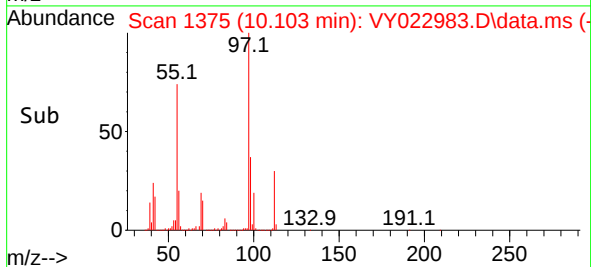
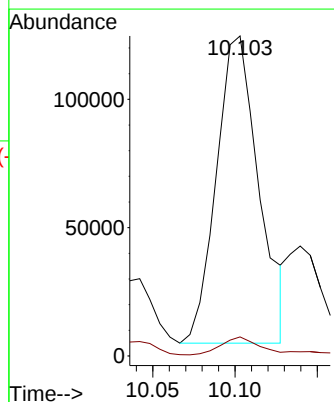
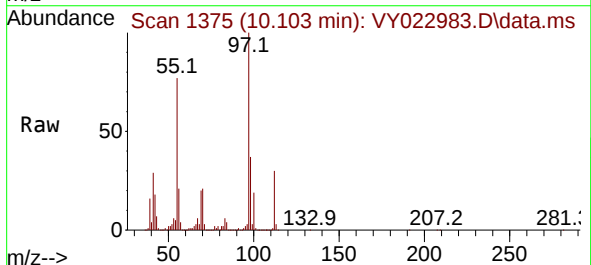
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

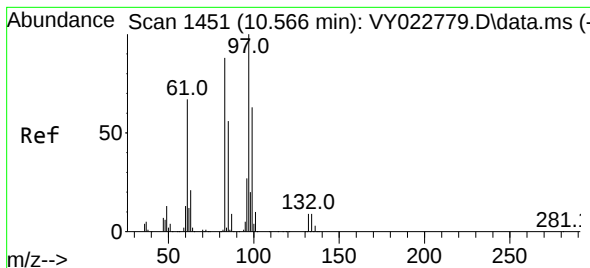
Tgt Ion: 98 Resp: 1179385
Ion Ratio Lower Upper
98 100
100 47.1 51.4 77.0#



#51
4-Methyl-2-Pentanone
Concen: 85.142 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.103 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 43 Resp: 214662
Ion Ratio Lower Upper
43 100
58 5.5 30.4 45.6#

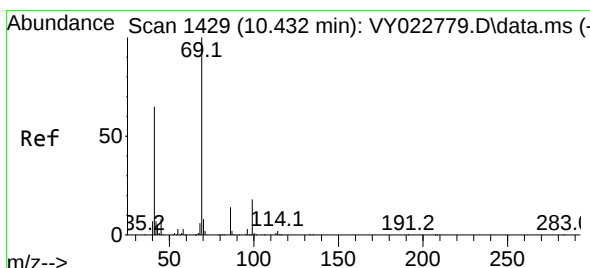
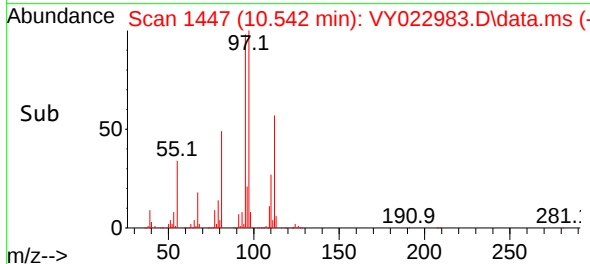
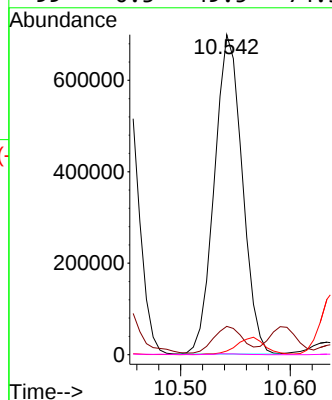
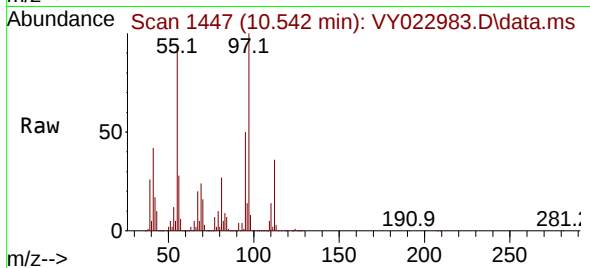




#55
1,1,2-Trichloroethane
Concen: 421.039 ug/l
RT: 10.542 min Scan# 1447
Delta R.T. -0.031 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

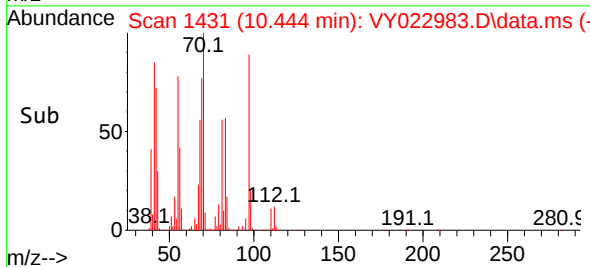
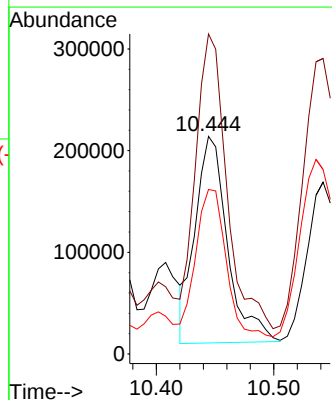
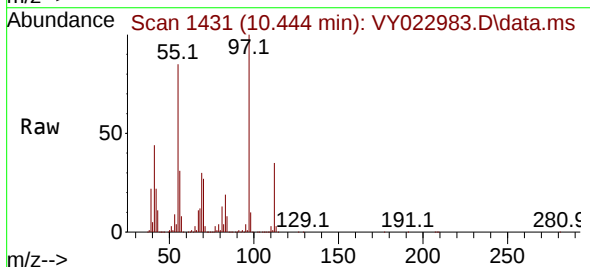
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

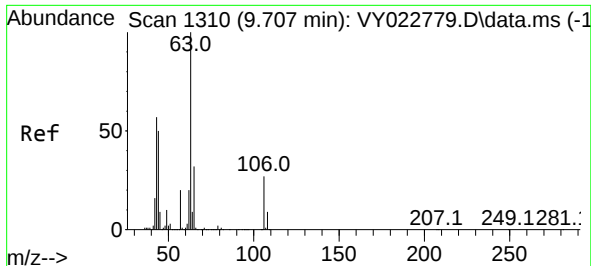
Tgt Ion: 97 Resp: 1231994
Ion Ratio Lower Upper
97 100
83 8.2 68.1 102.1#
85 1.1 48.2 72.2#
99 0.3 49.5 74.3#



#56
Ethyl methacrylate
Concen: 99.020 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 69 Resp: 389813
Ion Ratio Lower Upper
69 100
41 135.6 52.2 78.2#
39 78.1 36.7 55.1#

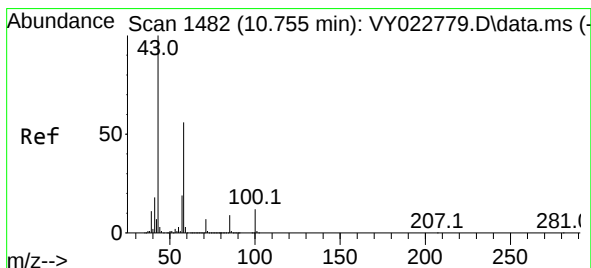
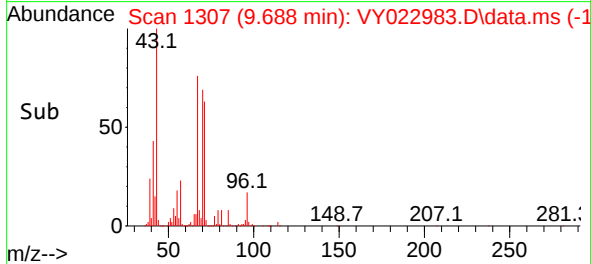
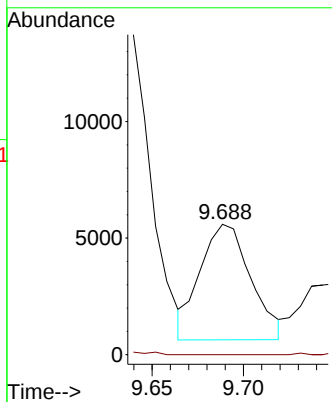
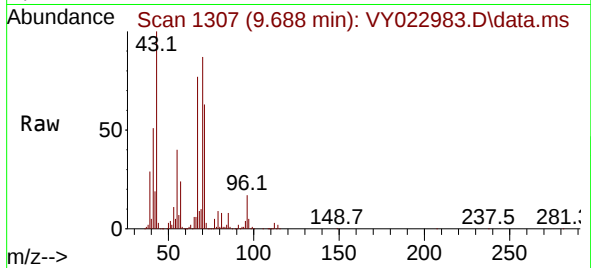




#58
2-Chloroethyl Vinyl ether
Concen: 19.984 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.025 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

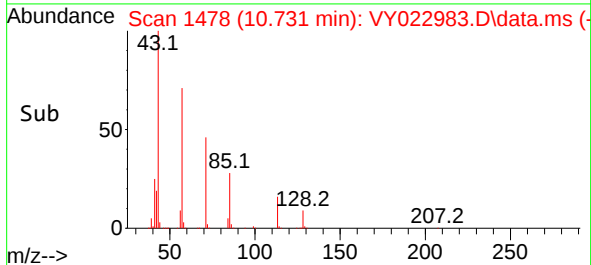
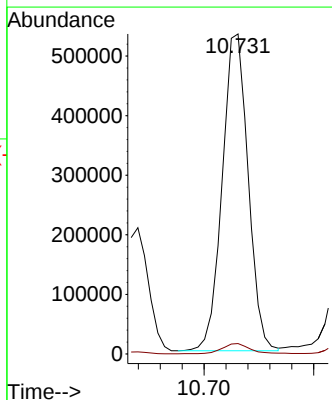
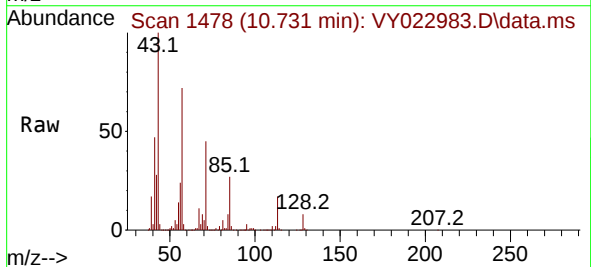
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

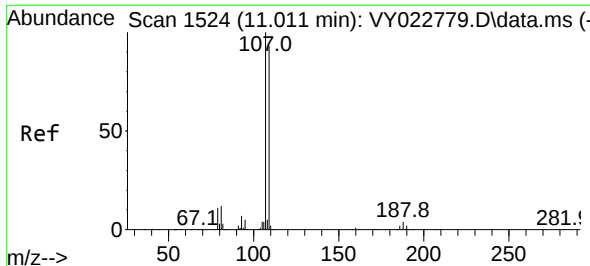
Tgt Ion: 63 Resp: 9556
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#59
2-Hexanone
Concen: 509.820 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.031 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 43 Resp: 873895
Ion Ratio Lower Upper
43 100
58 3.6 27.3 81.8#

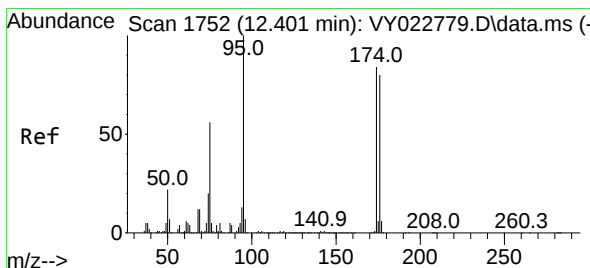
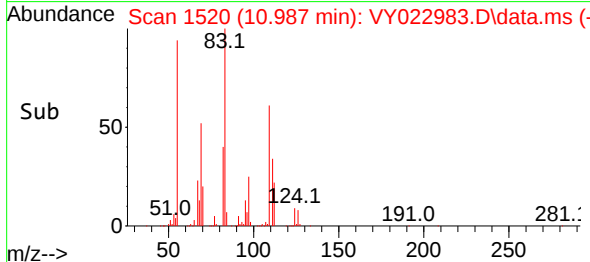
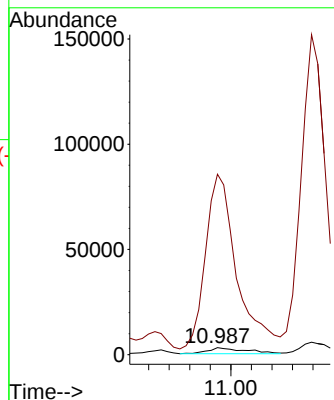
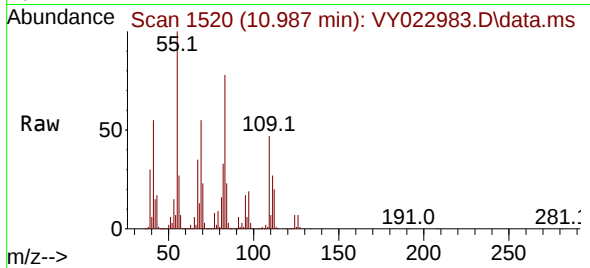




#61
1,2-Dibromoethane
Concen: 2.662 ug/l
RT: 10.987 min Scan# 1520
Delta R.T. -0.031 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

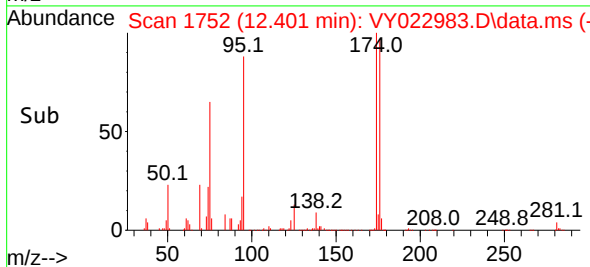
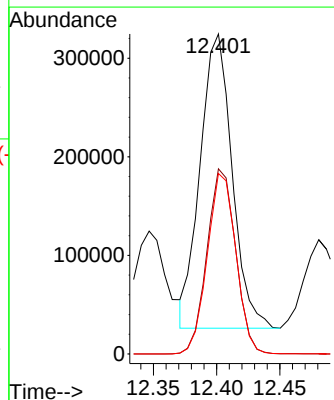
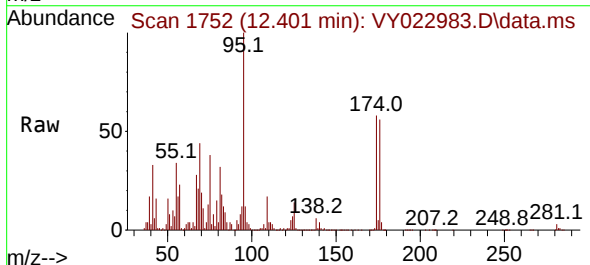
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

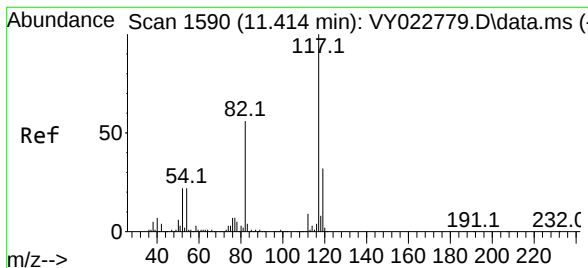
Tgt Ion:107 Resp: 7290
Ion Ratio Lower Upper
107 100
109 2404.1 77.7 116.5#



#62
4-Bromofluorobenzene
Concen: 112.774 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 95 Resp: 525027
Ion Ratio Lower Upper
95 100
174 56.5 0.0 170.0
176 54.8 0.0 166.2

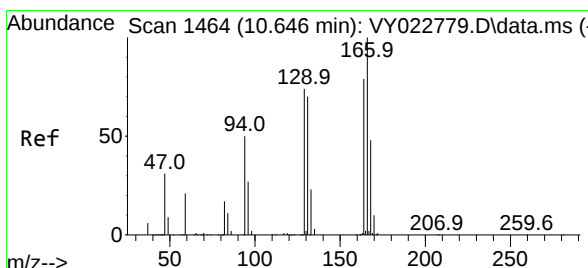
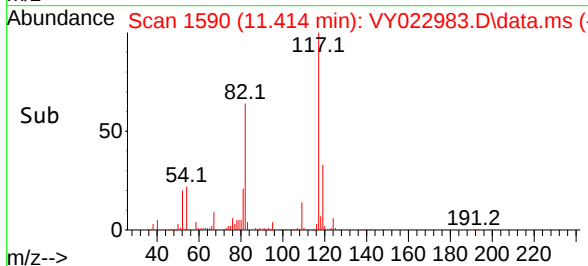
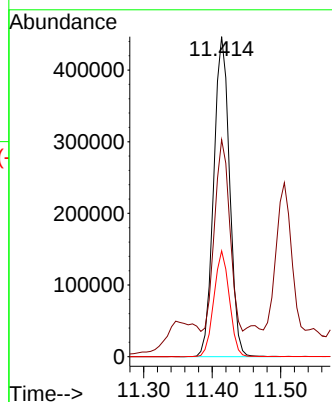
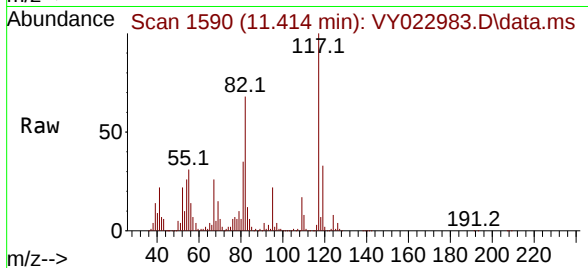




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

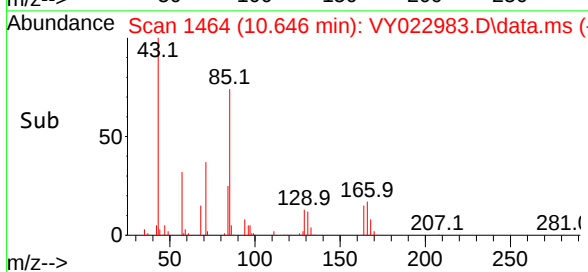
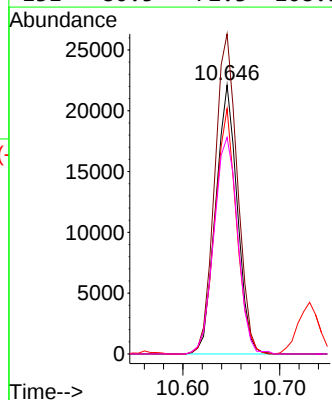
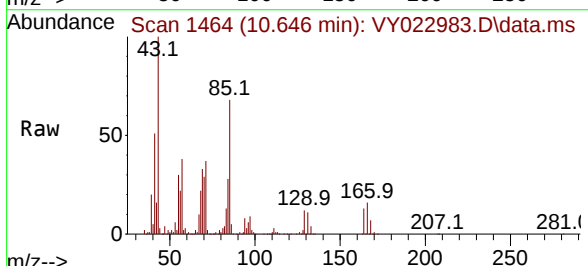
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

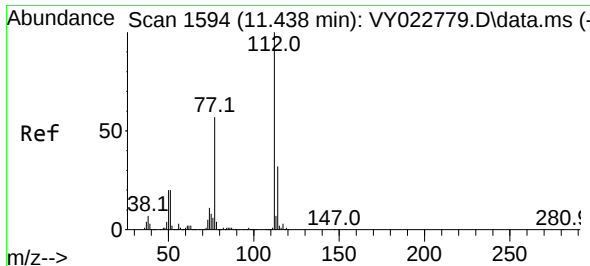
Tgt Ion:117 Resp: 719431
Ion Ratio Lower Upper
117 100
82 57.1 44.6 66.8
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 5.057 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:164 Resp: 34369
Ion Ratio Lower Upper
164 100
166 118.9 104.0 156.0
129 91.2 74.5 111.7
131 80.5 72.3 108.5

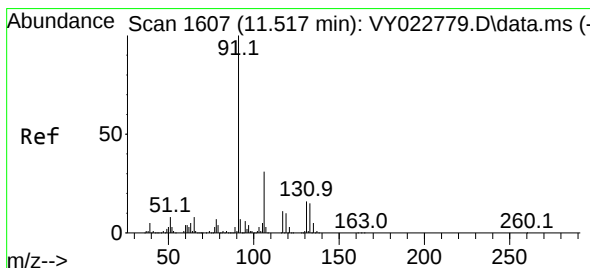
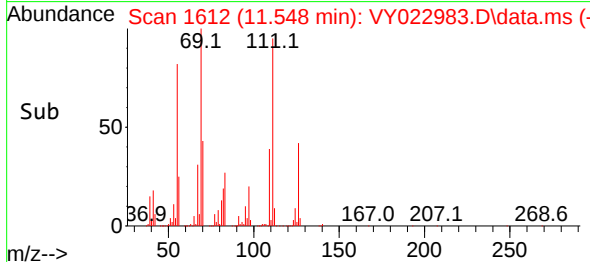
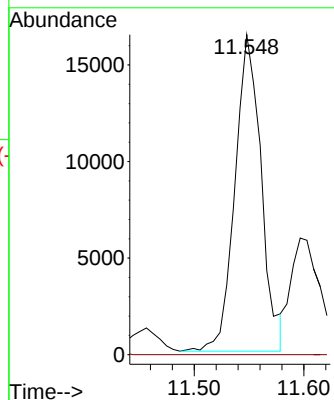
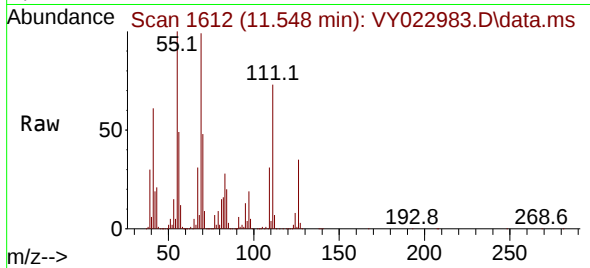




#65
Chlorobenzene
Concen: 1.718 ug/l
RT: 11.548 min Scan# 1612
Delta R.T. 0.103 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

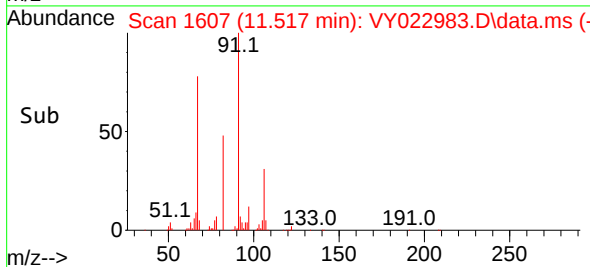
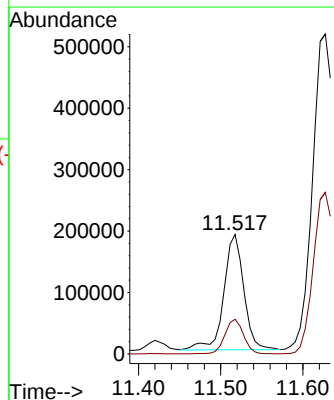
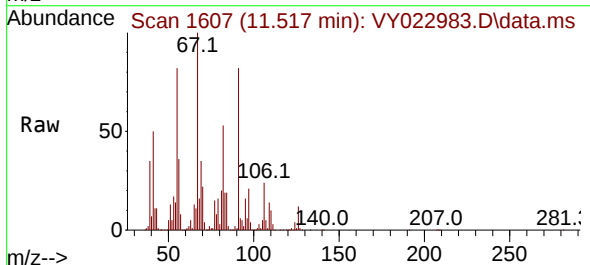
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

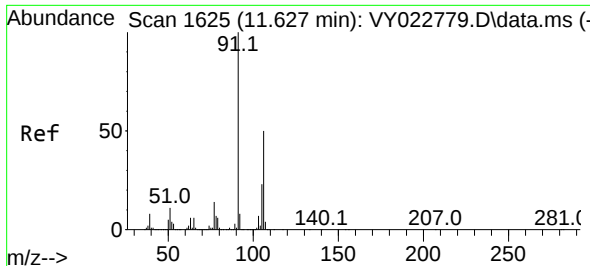
Tgt Ion:112 Resp: 27165
Ion Ratio Lower Upper
112 100
114 0.0 25.0 37.6#



#67
Ethyl Benzene
Concen: 11.465 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 91 Resp: 318436
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4

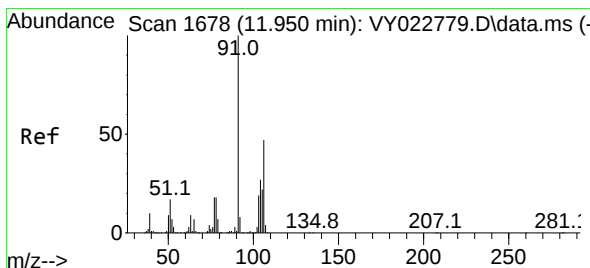
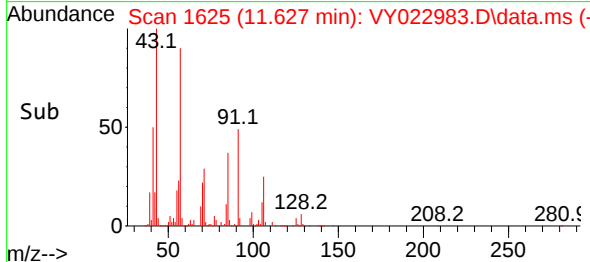
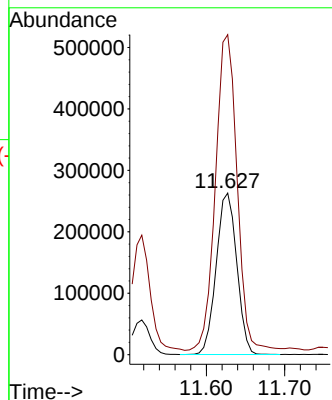
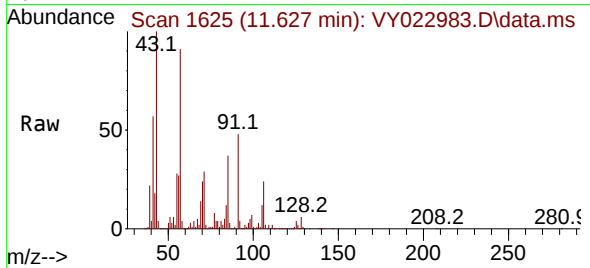




#68
m/p-Xylenes
Concen: 44.679 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

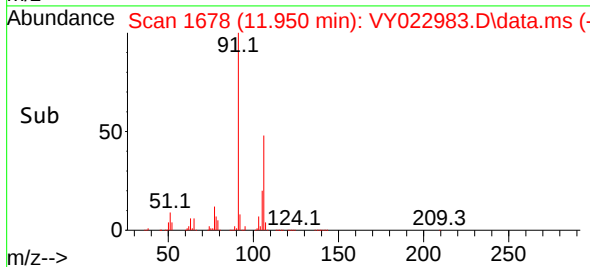
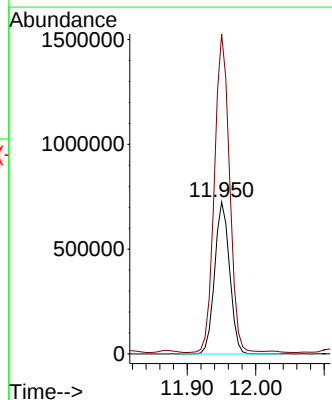
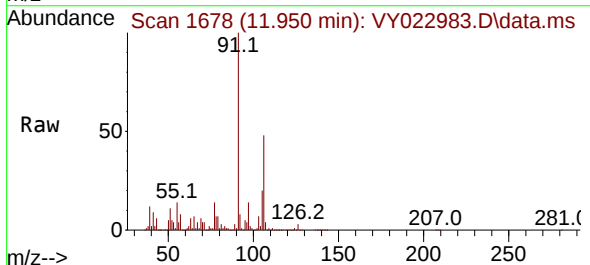
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

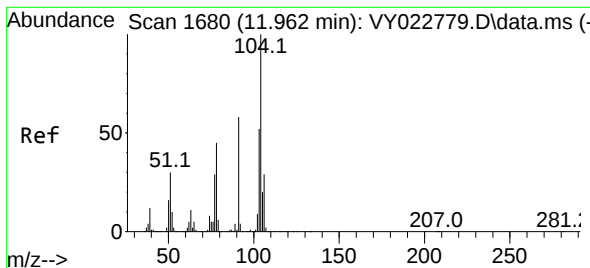
Tgt Ion:106 Resp: 479709
Ion Ratio Lower Upper
106 100
91 204.3 159.4 239.0



#69
o-Xylene
Concen: 107.948 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion:106 Resp: 1092078
Ion Ratio Lower Upper
106 100
91 212.9 105.8 317.3





#70

Styrene

Concen: 3.241 ug/l

RT: 11.950 min Scan# 11

Delta R.T. -0.019 min

Lab File: VY022983.D

Acq: 08 Jul 2025 18:10

Instrument :

MSVOA_Y

ClientSampleId :

GPX2

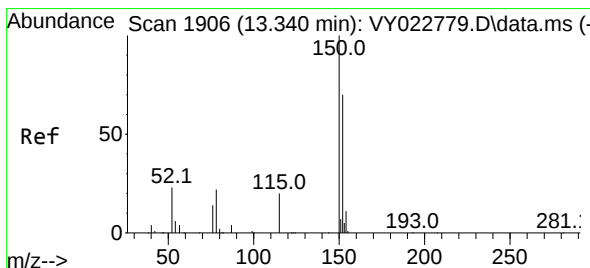
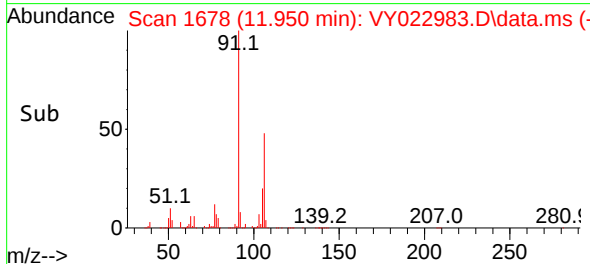
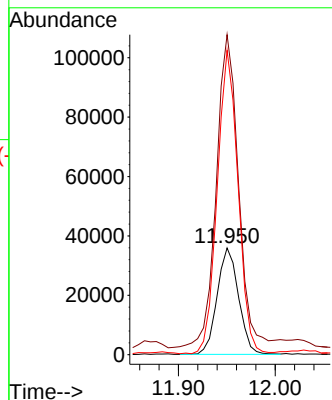
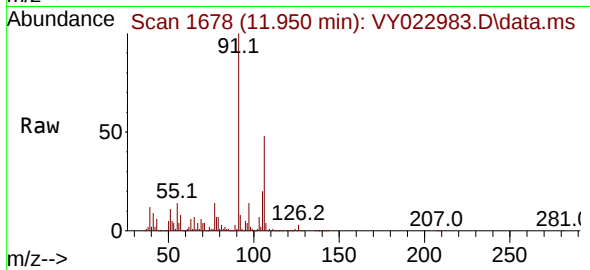
Tgt Ion:104 Resp: 54919

Ion Ratio Lower Upper

104 100

78 304.2 39.5 59.3#

103 277.2 44.1 66.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022983.D

Acq: 08 Jul 2025 18:10

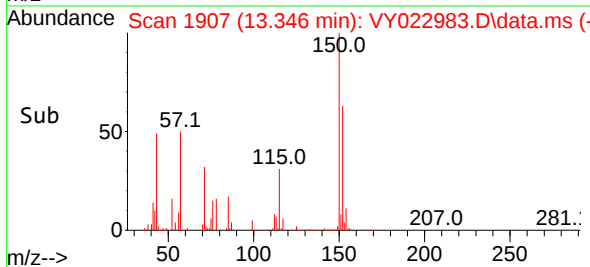
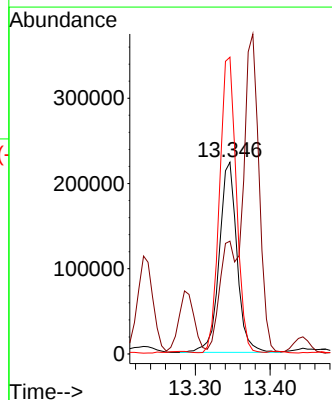
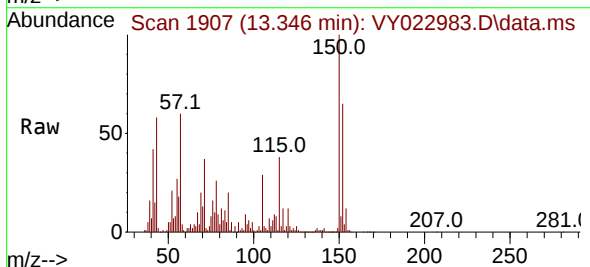
Tgt Ion:152 Resp: 367703

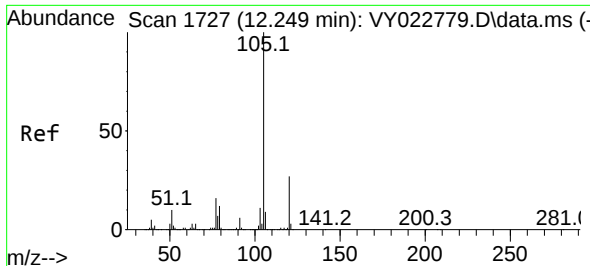
Ion Ratio Lower Upper

152 100

115 0.0 28.9 86.7#

150 147.8 0.0 349.6

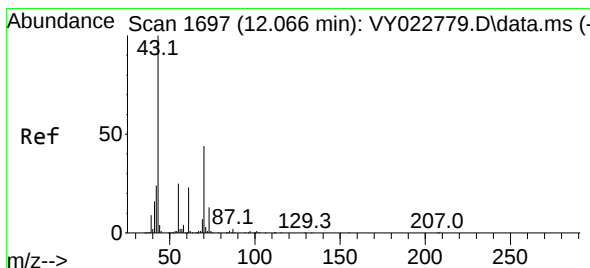
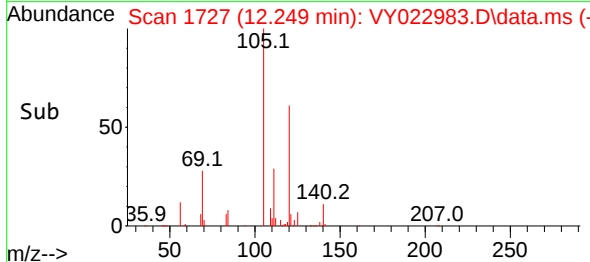
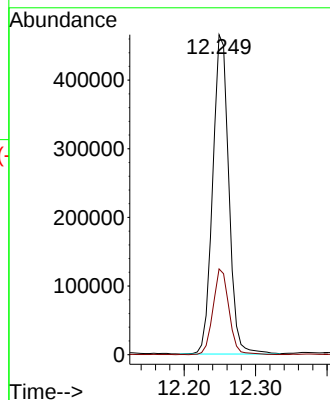
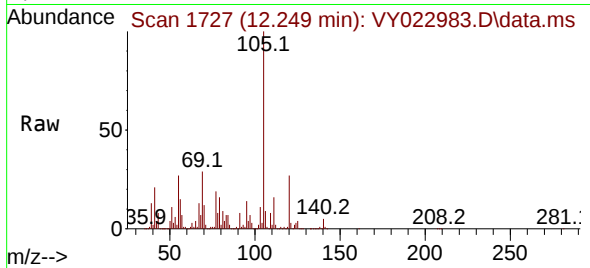




#73
Isopropylbenzene
Concen: 26.733 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

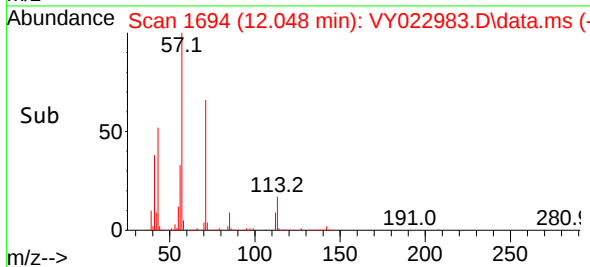
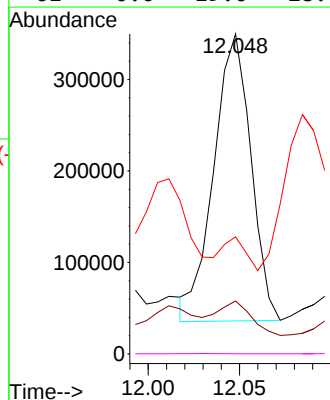
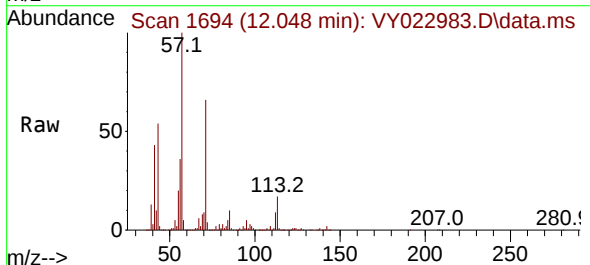
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

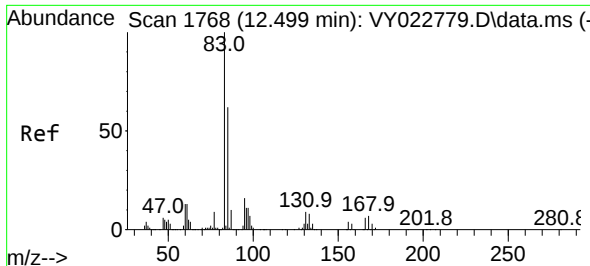
Tgt Ion:105 Resp: 726967
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 72.505 ug/l
RT: 12.048 min Scan# 1694
Delta R.T. -0.025 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 43 Resp: 442573
Ion Ratio Lower Upper
43 100
70 11.1 34.2 51.2#
55 0.0 18.2 27.4#
61 0.0 19.0 28.6#

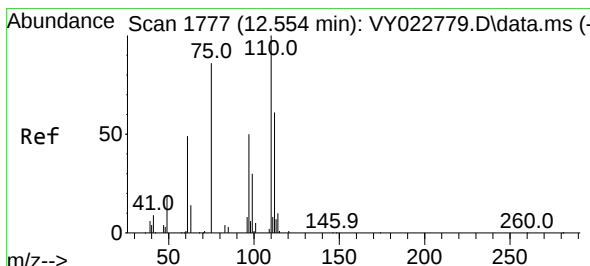
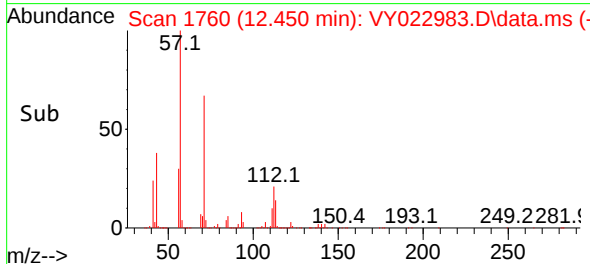
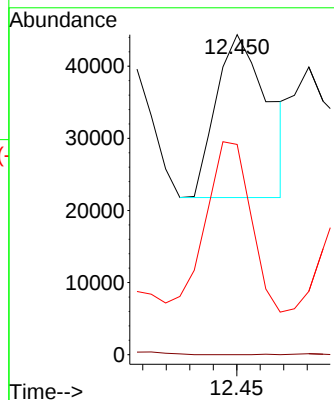
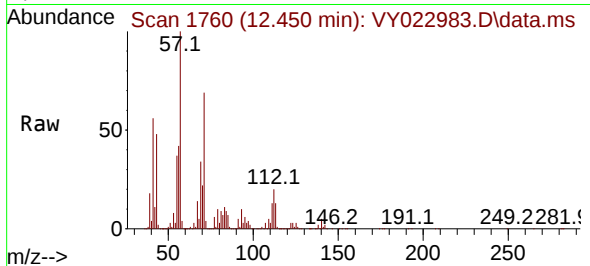




#75
1,1,2,2-Tetrachloroethane
Concen: 7.910 ug/l
RT: 12.450 min Scan# 11
Delta R.T. -0.055 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

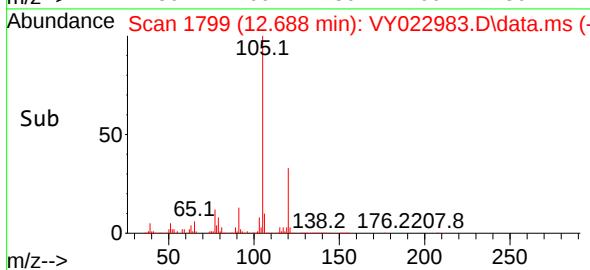
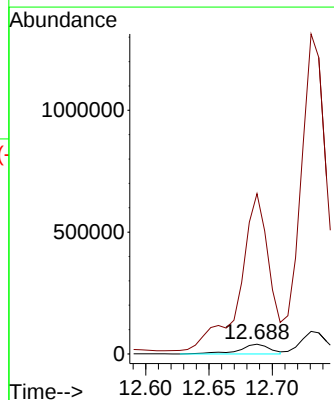
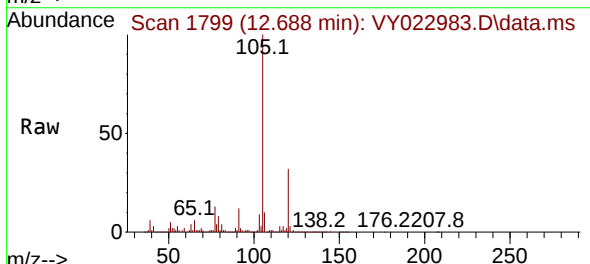
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

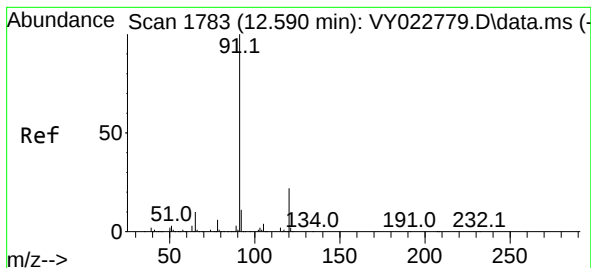
Tgt Ion: 83 Resp: 34670
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 97.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 17.692 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.134 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 75 Resp: 66415
Ion Ratio Lower Upper
75 100
77 1553.5 0.0 0.0#

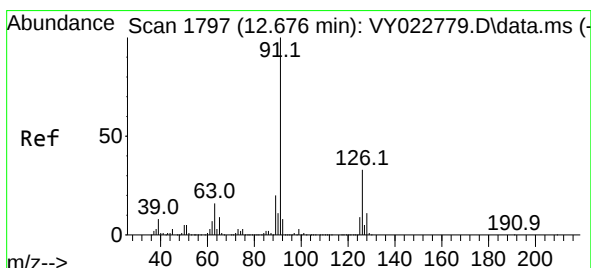
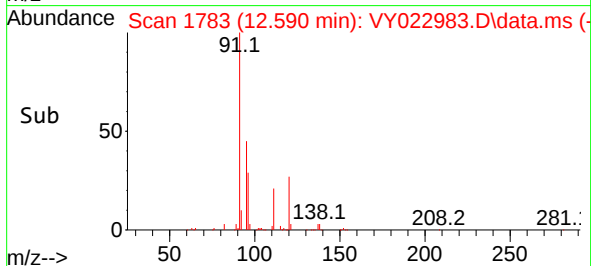
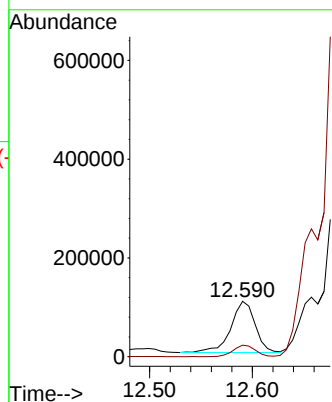
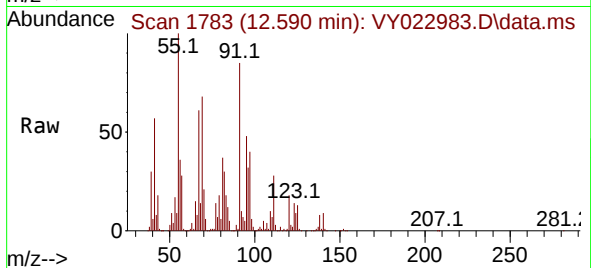




#78
n-propylbenzene
Concen: 5.192 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

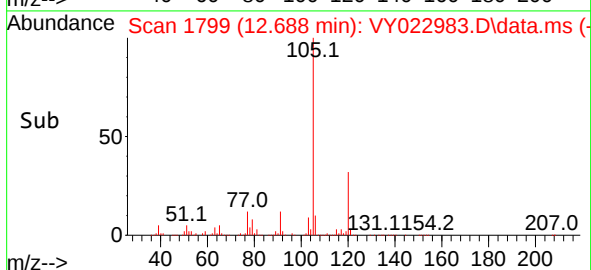
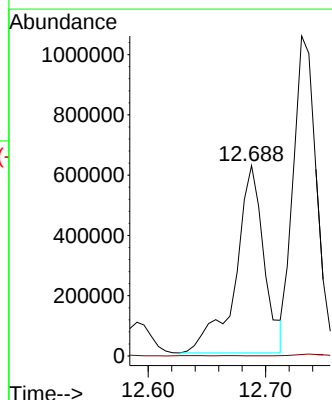
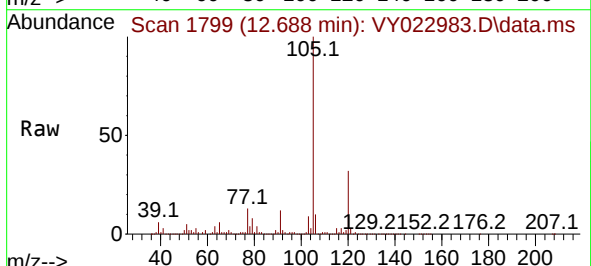
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

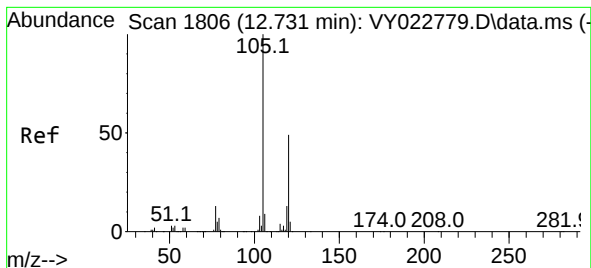
Tgt Ion: 91 Resp: 170476
Ion Ratio Lower Upper
91 100
120 0.0 10.8 32.4#



#79
2-Chlorotoluene
Concen: 56.698 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 91 Resp: 1051747
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

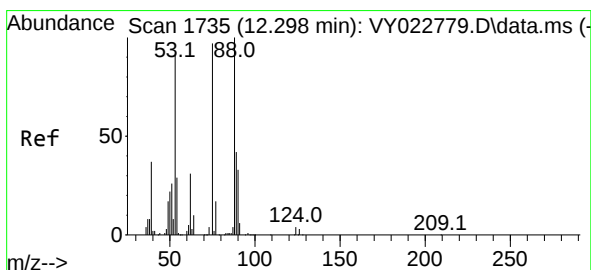
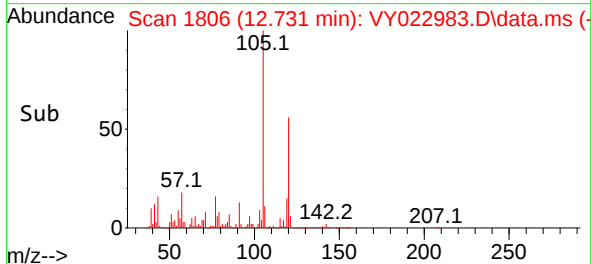
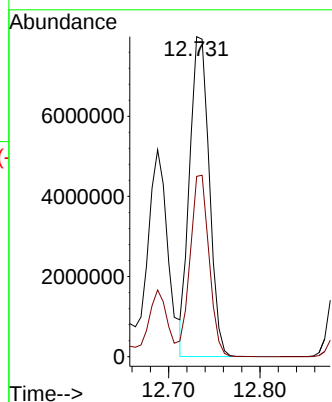
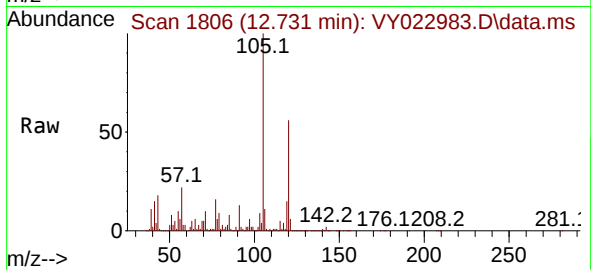




#80
1,3,5-Trimethylbenzene
Concen: 542.162 ug/l
RT: 12.731 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

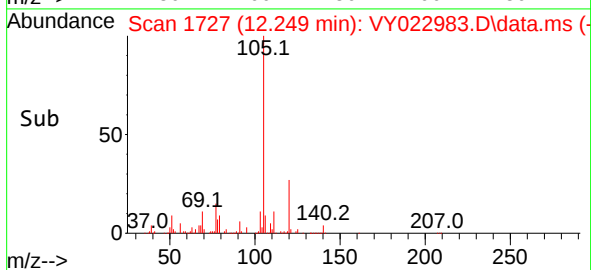
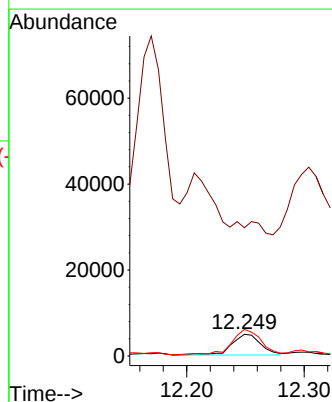
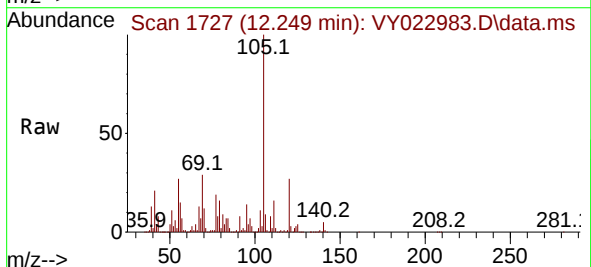
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

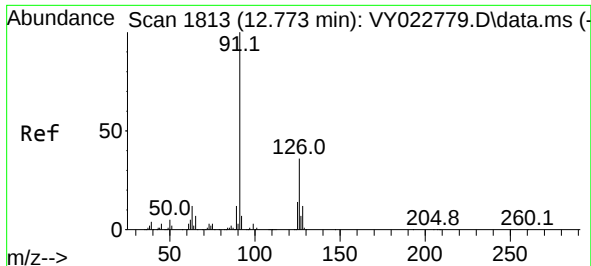
Tgt Ion:105 Resp:11901976
Ion Ratio Lower Upper
105 100
120 55.4 24.1 72.4



#81
trans-1,4-Dichloro-2-butene
Concen: 5.554 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.055 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 75 Resp: 8252
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 123.5 35.7 53.5#

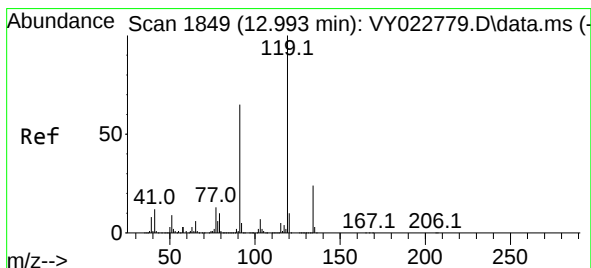
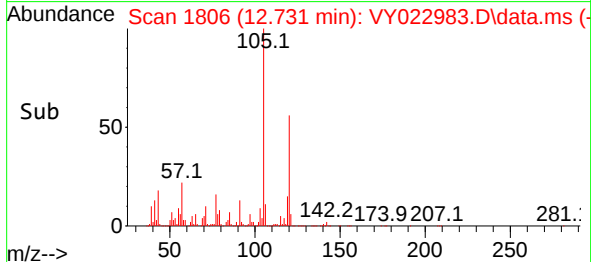
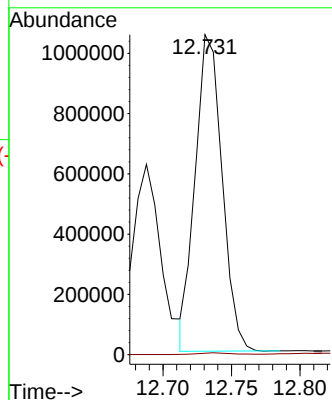
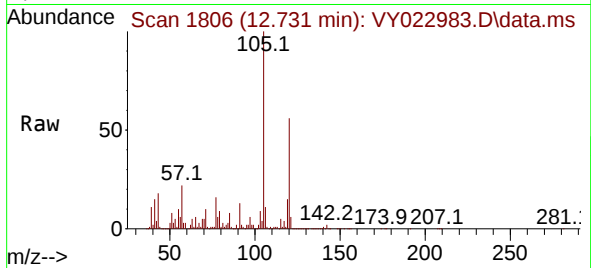




#82
4-Chlorotoluene
Concen: 73.574 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.049 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

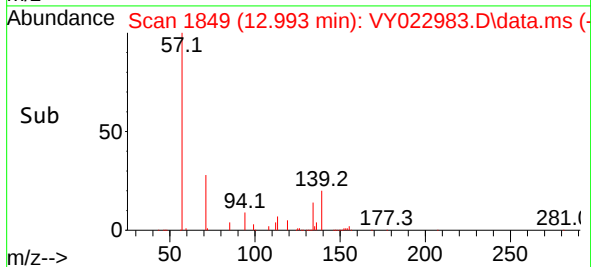
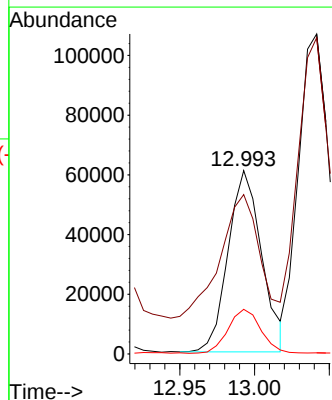
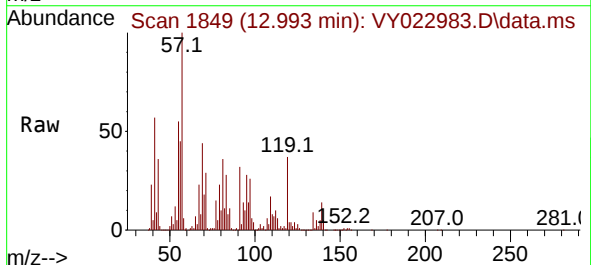
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

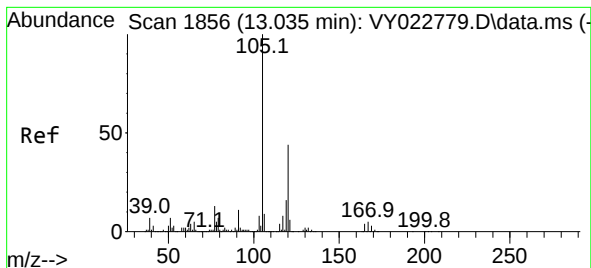
Tgt Ion: 91 Resp: 1433579
Ion Ratio Lower Upper
91 100
126 0.7 17.0 50.9#



#83
tert-Butylbenzene
Concen: 4.896 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 119 Resp: 94793
Ion Ratio Lower Upper
119 100
91 78.9 32.1 96.3
134 23.7 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 59.018 ug/l

RT: 13.042 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VY022983.D

Acq: 08 Jul 2025 18:10

Instrument :

MSVOA_Y

ClientSampleId :

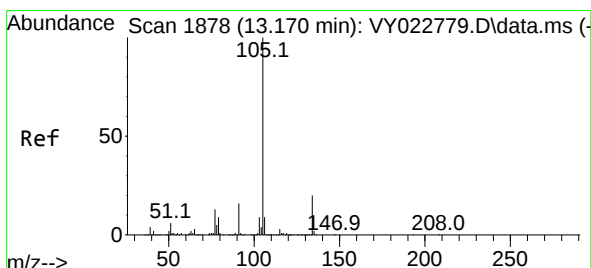
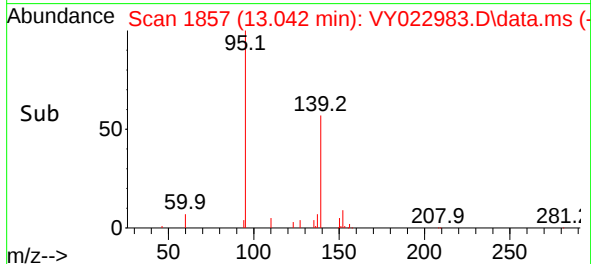
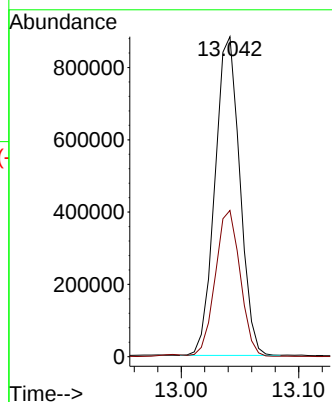
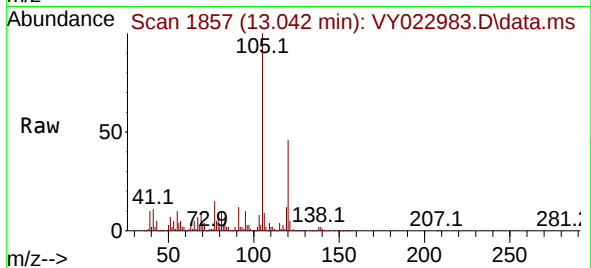
GPX2

Tgt Ion:105 Resp: 1297150

Ion Ratio Lower Upper

105 100

120 46.2 22.7 68.1



#85

sec-Butylbenzene

Concen: 18.417 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022983.D

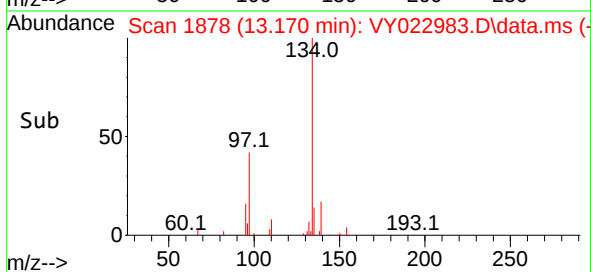
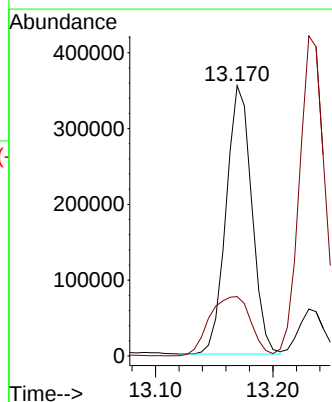
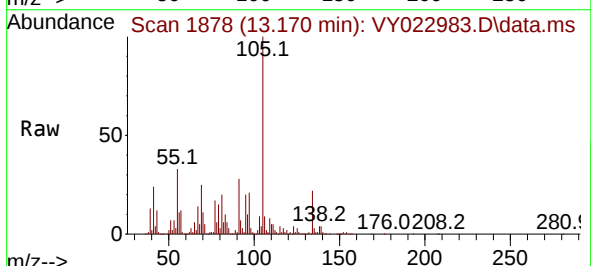
Acq: 08 Jul 2025 18:10

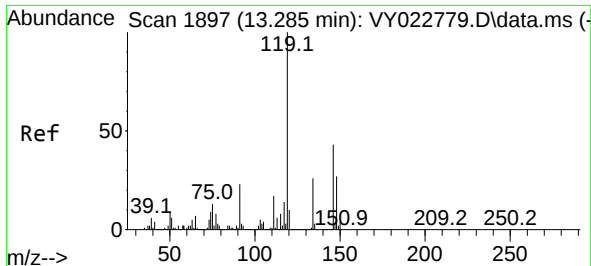
Tgt Ion:105 Resp: 536468

Ion Ratio Lower Upper

105 100

134 35.5 9.7 28.9#

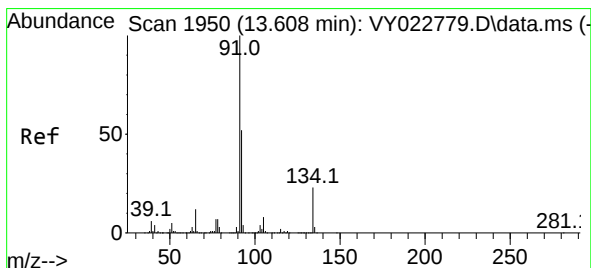
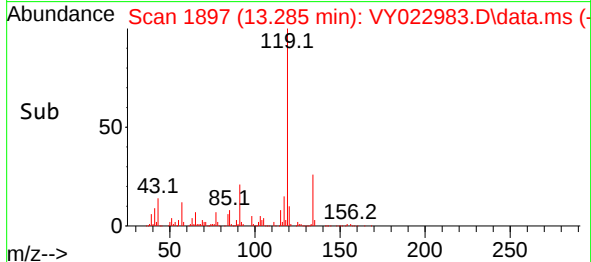
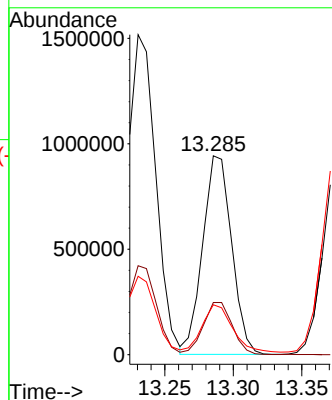
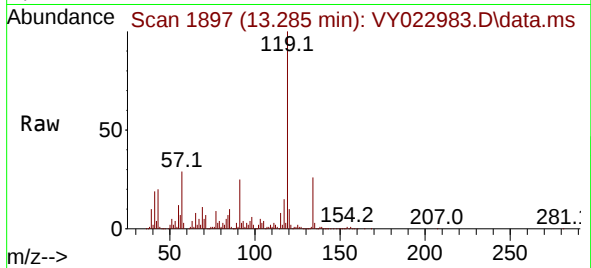




#86
p-Isopropyltoluene
Concen: 57.126 ug/l
RT: 13.285 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

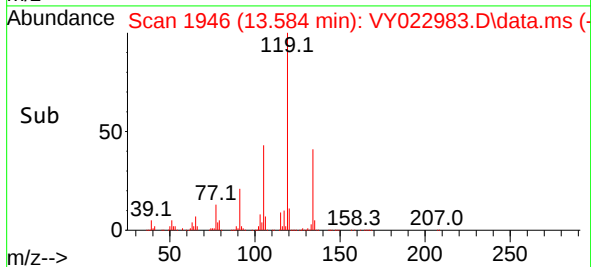
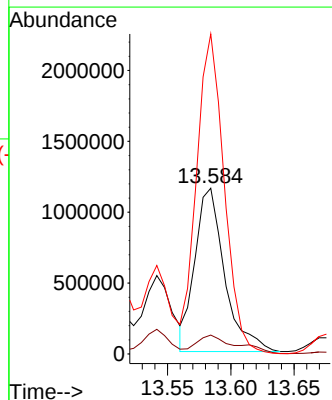
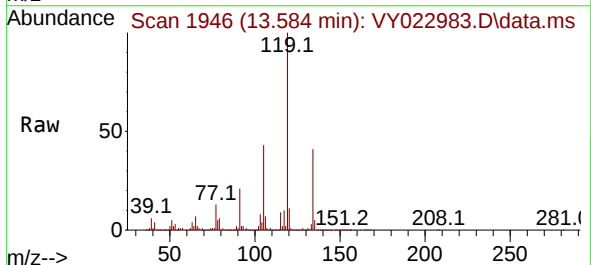
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

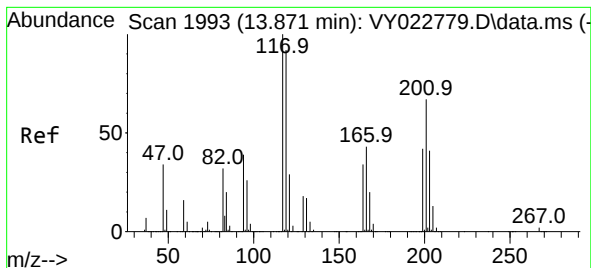
Tgt Ion:119 Resp: 1384778
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.1
91 24.6 11.6 34.8



#89
n-Butylbenzene
Concen: 82.827 ug/l
RT: 13.584 min Scan# 1946
Delta R.T. -0.037 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 91 Resp: 1888622
Ion Ratio Lower Upper
91 100
92 15.1 25.9 77.8#
134 181.4 12.0 36.1#

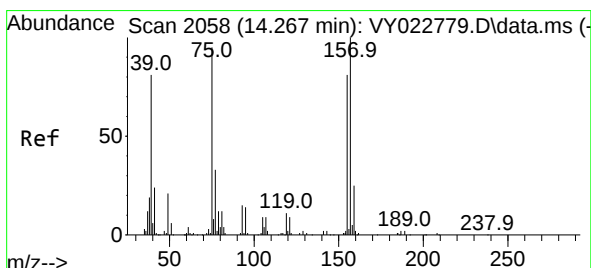
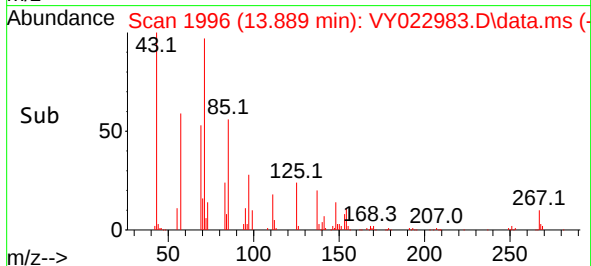
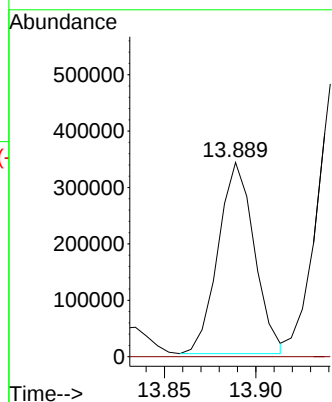
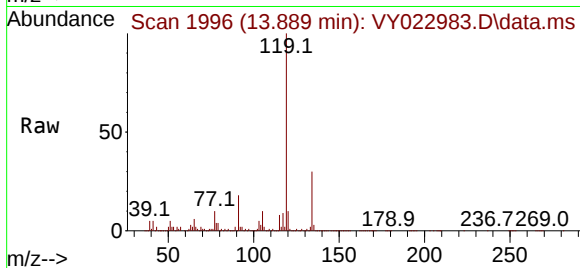




#90
Hexachloroethane
Concen: 96.948 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

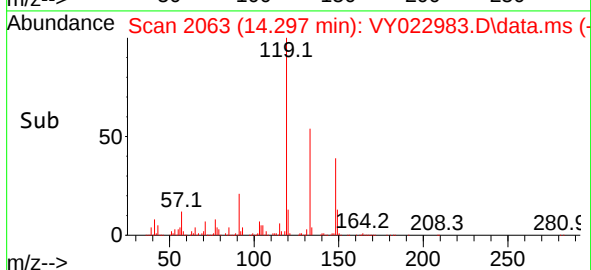
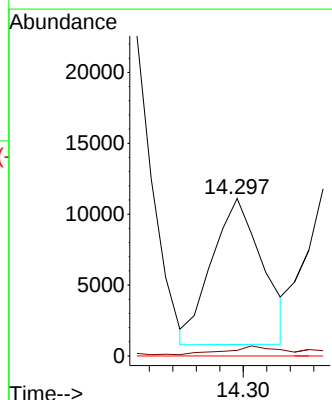
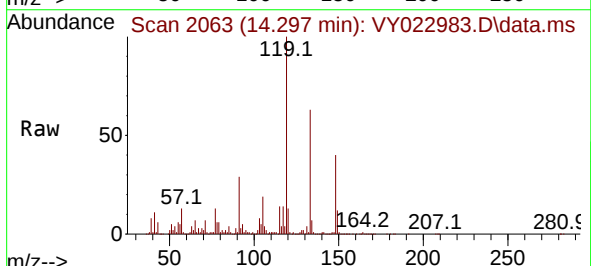
Instrument :
MSVOA_Y
ClientSampleId :
GPX2

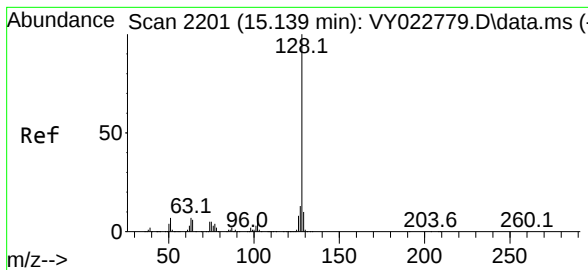
Tgt Ion:117 Resp: 468075
Ion Ratio Lower Upper
117 100
201 0.0 34.0 102.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.728 ug/l
RT: 14.297 min Scan# 2063
Delta R.T. 0.024 min
Lab File: VY022983.D
Acq: 08 Jul 2025 18:10

Tgt Ion: 75 Resp: 15406
Ion Ratio Lower Upper
75 100
155 5.9 39.9 119.6#
157 0.0 54.0 162.0#





#95
 Naphthalene
 Concen: 121.913 ug/l
 RT: 15.139 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY022983.D
 Acq: 08 Jul 2025 18:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 GPX2

Tgt Ion:128 Resp: 1357945
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.4 15.6
 129 12.3 8.9 13.3

