

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023906.D
 Acq On : 09 Dec 2025 14:19
 Operator : SY/MD
 Sample : Q3790-03RE
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 304 FURMAN SOILRE

Quant Time: Dec 10 02:27:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	10619	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.634	114	15625	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.426	117	7773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	5210	49.045	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.100%		
35) Dibromofluoromethane	7.652	113	4396	43.866	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.740%		
50) Toluene-d8	10.121	98	14270	36.592	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	73.180%		
62) 4-Bromofluorobenzene	12.414	95	1644	12.360	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	24.720%#		
Target Compounds						
						Qvalue
3) Chloromethane	2.086	50	281	2.453	ug/l	# 43
5) Bromomethane	2.629	94	961	10.184	ug/l	93
10) Methyl Iodide	4.031	142	418	5.715	ug/l	# 63
11) Tert butyl alcohol	4.750	59	59	Below Cal	#	74
15) Acrylonitrile	5.116	53	48	2.015	ug/l	# 18
16) Acetone	3.879	43	61	1.916	ug/l	# 43
20) Methylene Chloride	4.628	84	751	4.864	ug/l	# 55
25) 2-Butanone	6.829	43	42	1.095	ug/l	# 49
29) Tetrahydrofuran	7.451	42	26	1.310	ug/l	# 33
36) 1,1-Dichloropropene	7.725	75	883	5.976	ug/l	# 41
38) Carbon Tetrachloride	7.719	117	1176	7.211	ug/l	# 12
41) Methacrylonitrile	7.226	41	61	1.734	ug/l	# 20
48) Methyl methacrylate	9.146	41	123	2.062	ug/l	# 14
58) 2-Chloroethyl Vinyl ether	10.006	63	22	15.139	ug/l	# 47
59) 2-Hexanone	10.749	43	58	1.146	ug/l	# 24
64) Tetrachloroethene	10.658	164	80	1.052	ug/l	# 57
65) Chlorobenzene	11.463	112	357	2.012	ug/l	# 42
68) m/p-Xylenes	11.646	106	200	1.706	ug/l	74
69) o-Xylene	11.963	106	142	1.295	ug/l	85
73) Isopropylbenzene	12.261	105	435	4.146	ug/l	# 58
74) N-amyl acetate	12.109	43	32	1.407	ug/l	# 11
76) 1,2,3-Trichloropropane	12.475	75	23	1.629	ug/l	# 100
78) n-propylbenzene	12.603	91	290	2.291	ug/l	# 72
79) 2-Chlorotoluene	12.694	91	298	4.145	ug/l	90
80) 1,3,5-Trimethylbenzene	12.731	105	131	1.537	ug/l	70
81) trans-1,4-Dichloro-2-b...	12.280	75	66	11.197	ug/l	# 14
82) 4-Chlorotoluene	12.694	91	298	3.998	ug/l	90
83) tert-Butylbenzene	12.999	119	112	1.457	ug/l	# 43
84) 1,2,4-Trimethylbenzene	13.060	105	385	4.559	ug/l	# 54
87) 1,3-Dichlorobenzene	13.285	146	146	2.974	ug/l	# 25
88) 1,4-Dichlorobenzene	13.377	146	125	2.596	ug/l	# 77
89) n-Butylbenzene	13.633	91	109	1.244	ug/l	# 33
90) Hexachloroethane	13.889	117	41	2.065	ug/l	# 10
91) 1,2-Dichlorobenzene	13.670	146	133	3.115	ug/l	# 36
93) 1,2,4-Trichlorobenzene	14.932	180	161	6.360	ug/l	# 85
95) Naphthalene	15.151	128	417	9.995	ug/l	# 85

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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

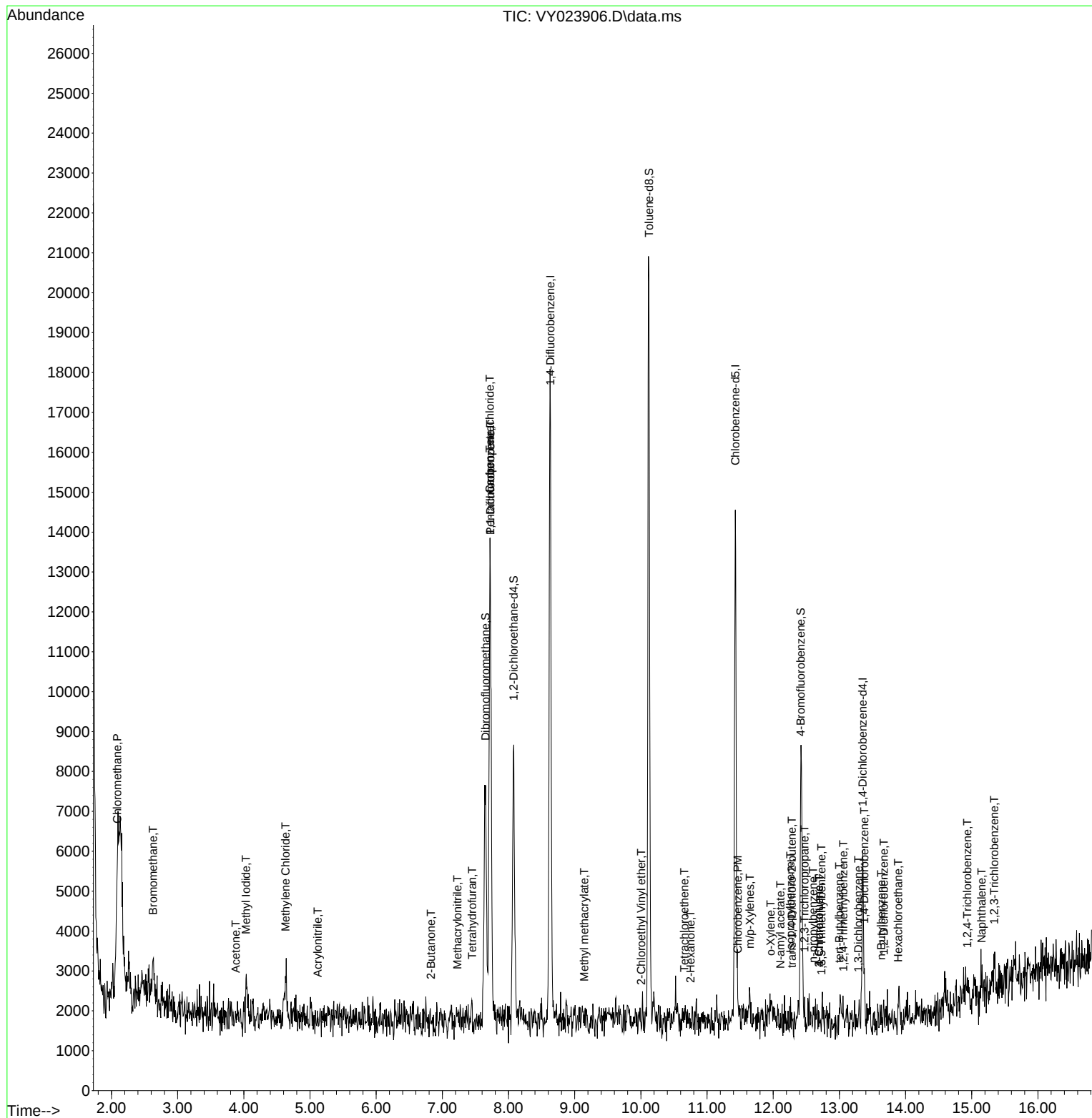
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.340	180	166	7.684	ug/l #	60

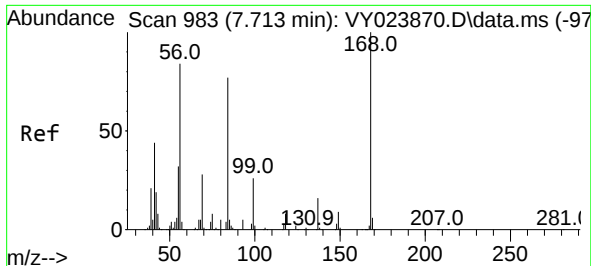
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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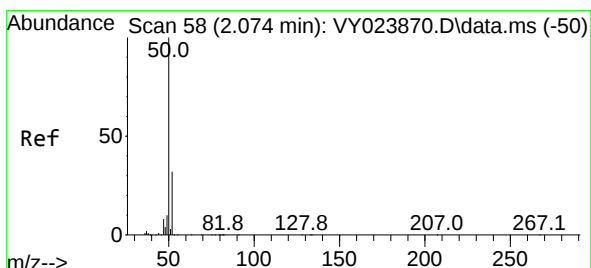
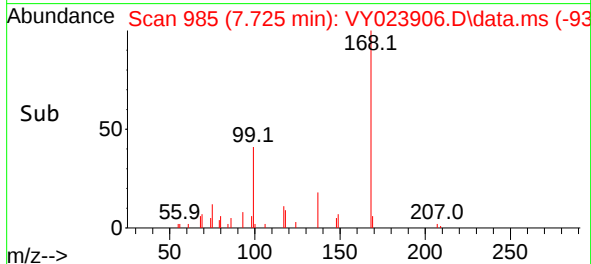
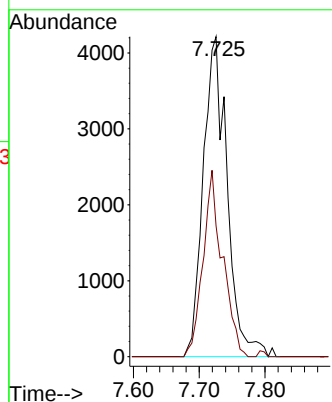
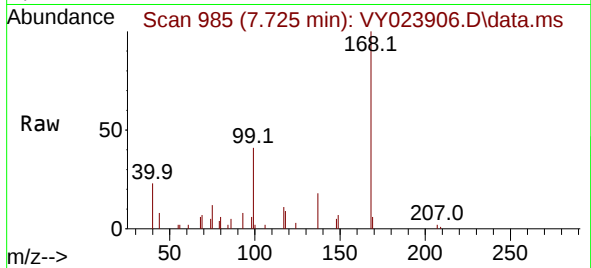




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

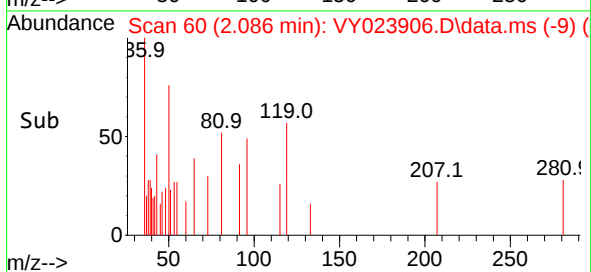
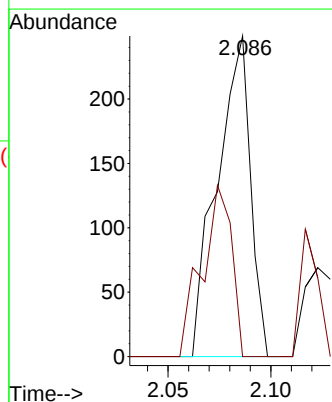
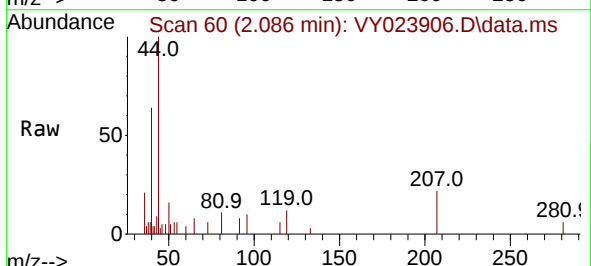
Instrument :
MSVOA_Y
ClientSampleId :
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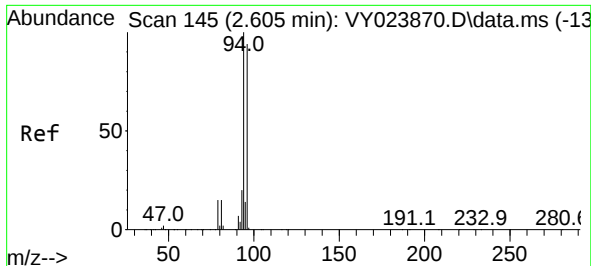
Tgt Ion:168 Resp: 10619
Ion Ratio Lower Upper
168 100
99 41.0 42.5 63.7#



#3
Chloromethane
Concen: 2.453 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.012 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion: 50 Resp: 281
Ion Ratio Lower Upper
50 100
52 0.0 25.2 37.8#

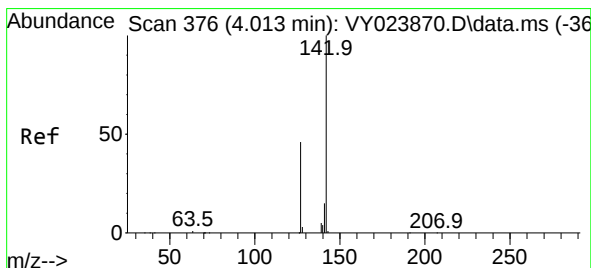
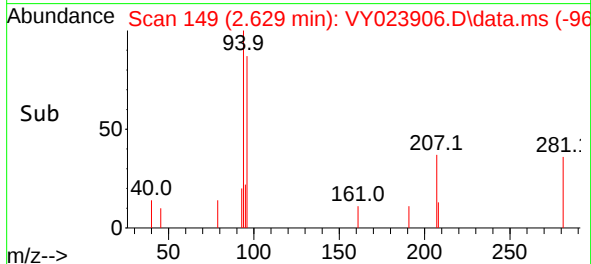
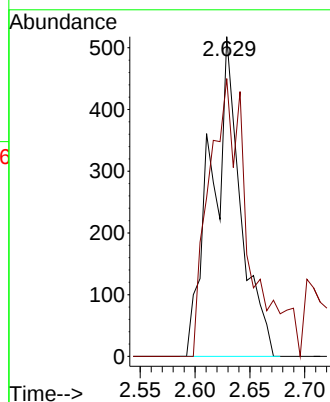
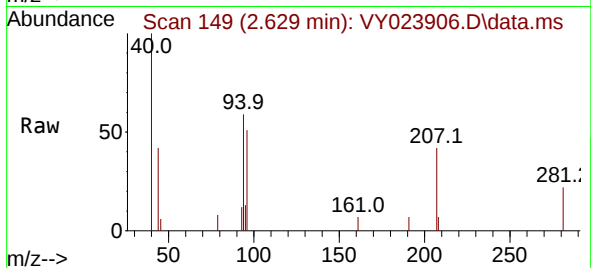




#5
Bromomethane
Concen: 10.184 ug/l
RT: 2.629 min Scan# 145
Delta R.T. 0.024 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

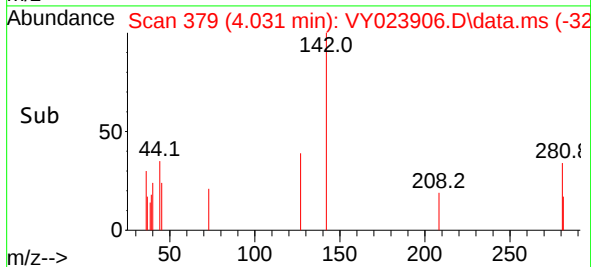
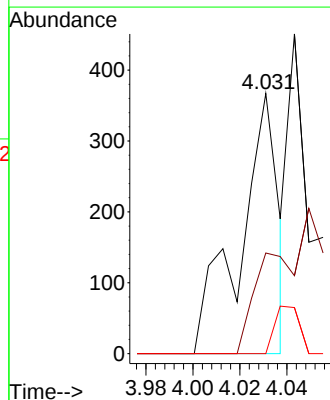
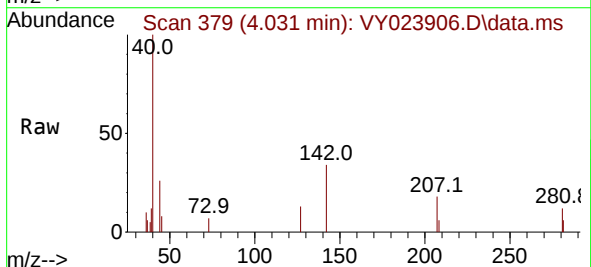
Instrument :
MSVOA_Y
ClientSampleId :
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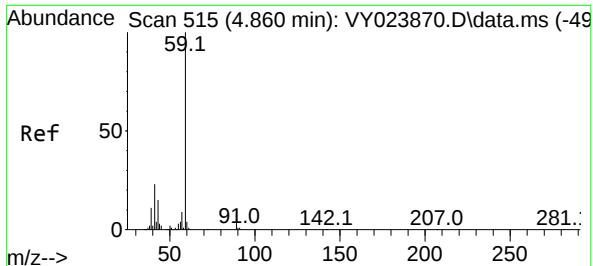
Tgt Ion: 94 Resp: 961
Ion Ratio Lower Upper
94 100
96 86.9 75.2 112.8



#10
Methyl Iodide
Concen: 5.715 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.018 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion: 142 Resp: 418
Ion Ratio Lower Upper
142 100
127 75.8 36.1 54.1#
141 11.5 11.8 17.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.750 min Scan# 497

Delta R.T. -0.110 min

Lab File: VY023906.D

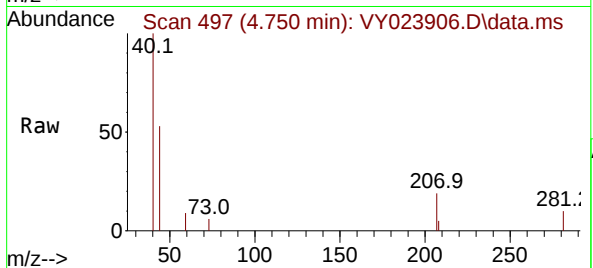
Acq: 09 Dec 2025 14:19

Instrument :

MSVOA_Y

ClientSampleId :

304 FURMAN SOILRE

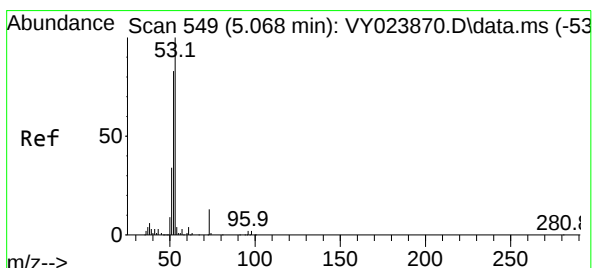
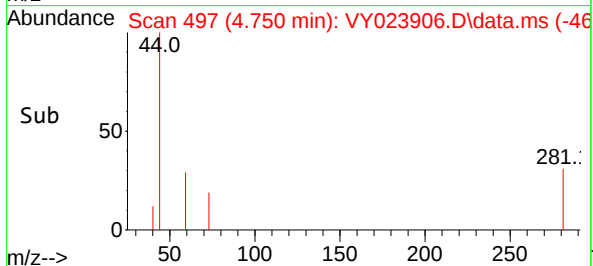
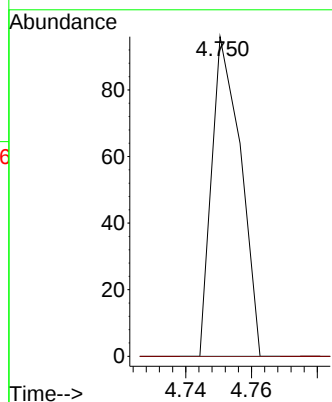


Tgt Ion: 59 Resp: 59

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#15

Acrylonitrile

Concen: 2.015 ug/l

RT: 5.116 min Scan# 557

Delta R.T. 0.049 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

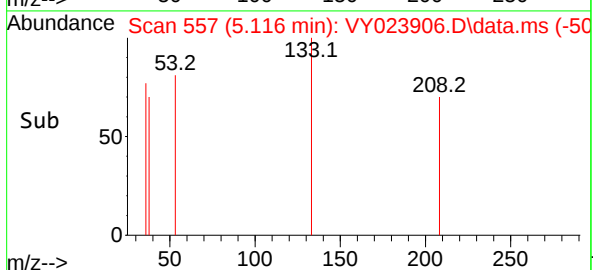
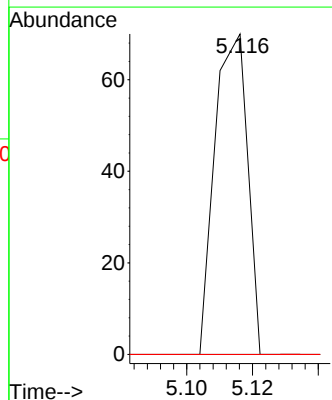
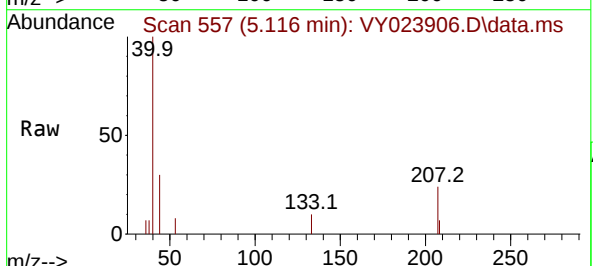
Tgt Ion: 53 Resp: 48

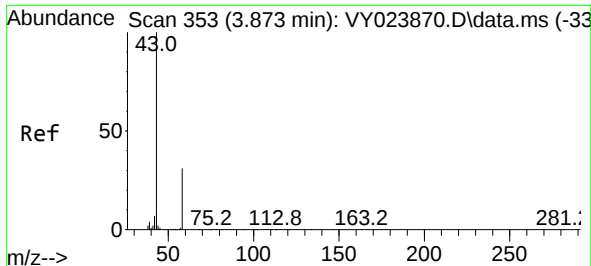
Ion Ratio Lower Upper

53 100

52 0.0 65.1 97.7#

51 0.0 29.5 44.3#

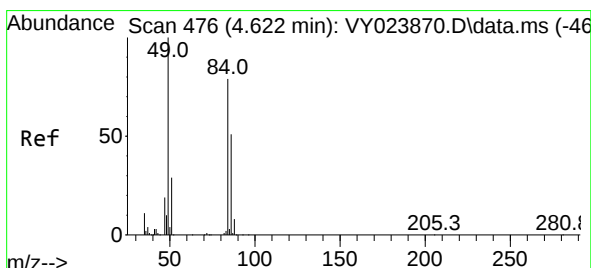
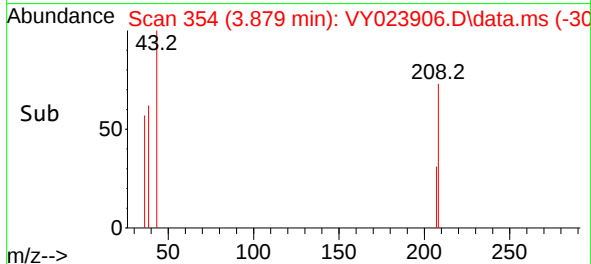
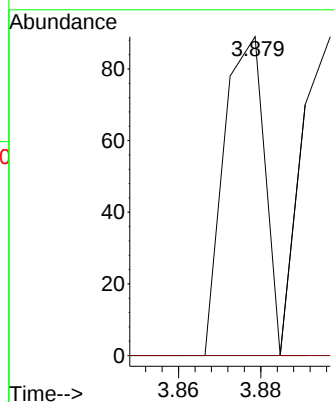
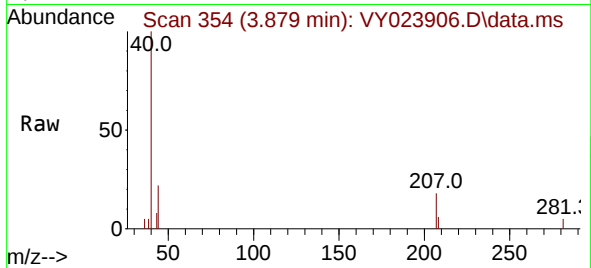




#16
Acetone
Concen: 1.916 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

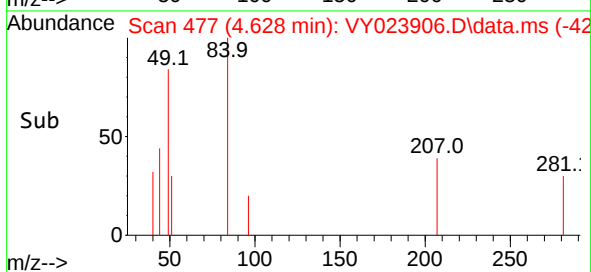
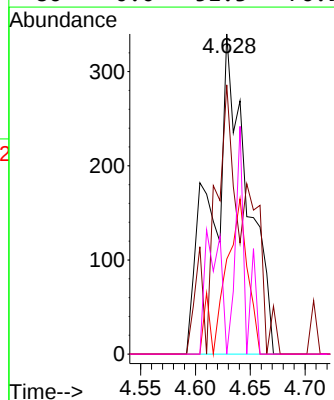
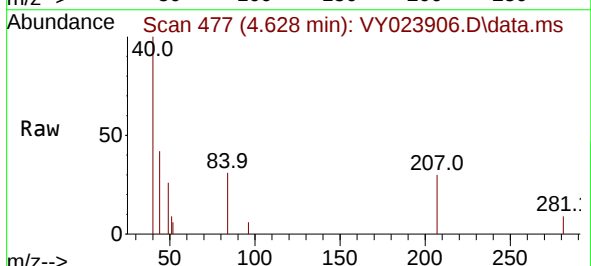
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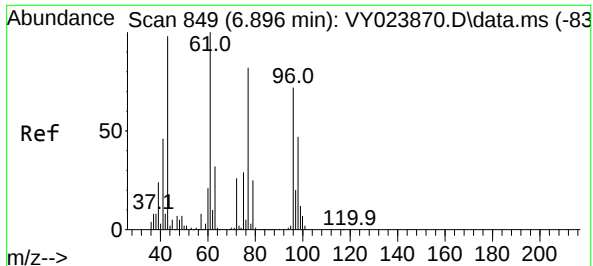
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 25.1 37.7#



#20
Methylene Chloride
Concen: 4.864 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion: 84 Resp: 751
Ion Ratio Lower Upper
84 100
49 84.1 100.6 151.0#
51 29.7 29.0 43.6
86 0.0 51.3 76.9#





#25

2-Butanone

Concen: 1.095 ug/l

RT: 6.829 min Scan# 81

Delta R.T. -0.067 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

Instrument :

MSVOA_Y

ClientSampleId :

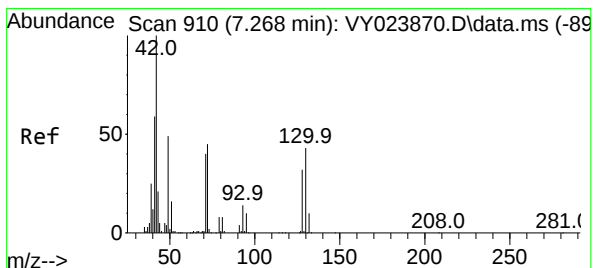
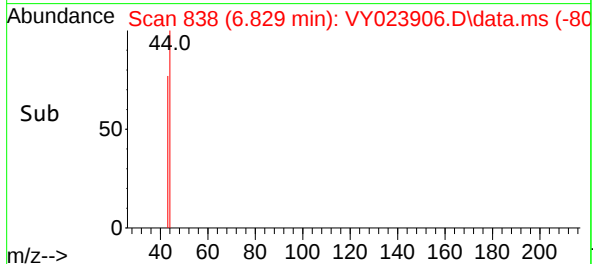
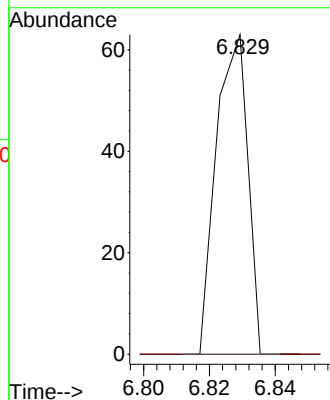
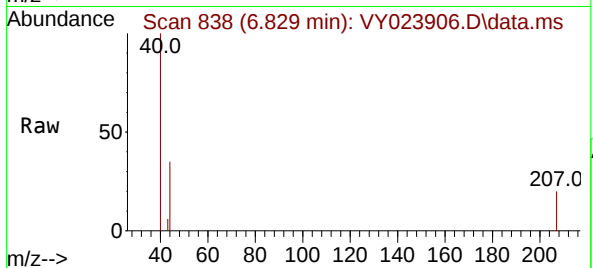
304 FURMAN SOILRE

Tgt Ion: 43 Resp: 42

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



#29

Tetrahydrofuran

Concen: 1.310 ug/l

RT: 7.451 min Scan# 940

Delta R.T. 0.183 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

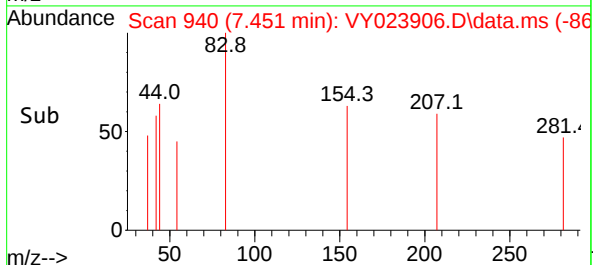
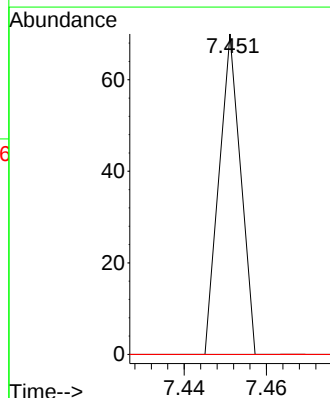
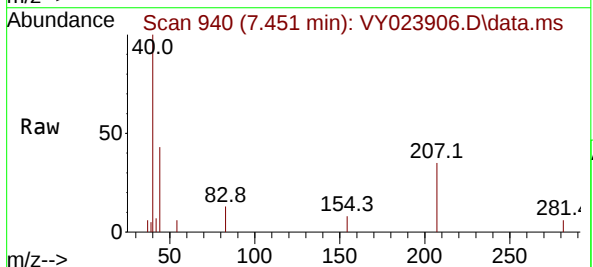
Tgt Ion: 42 Resp: 26

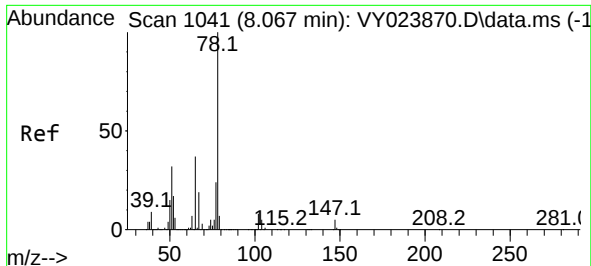
Ion Ratio Lower Upper

42 100

72 0.0 35.6 53.4#

71 0.0 32.5 48.7#





#33

1,2-Dichloroethane-d4

Concen: 49.045 ug/l

RT: 8.079 min Scan# 1104

Delta R.T. 0.012 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

Instrument :

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ClientSampleId :

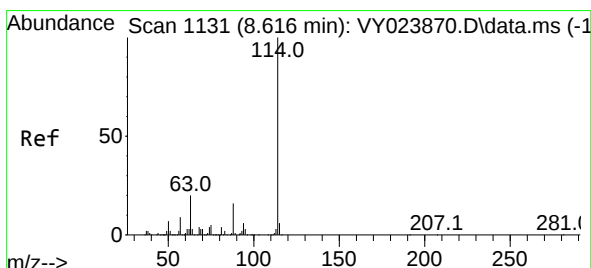
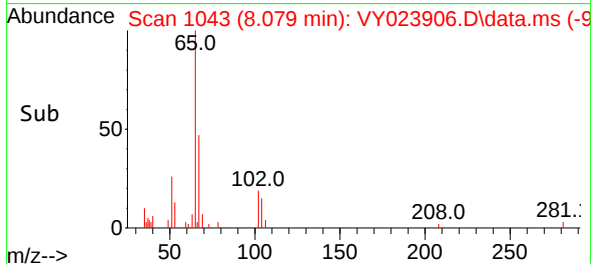
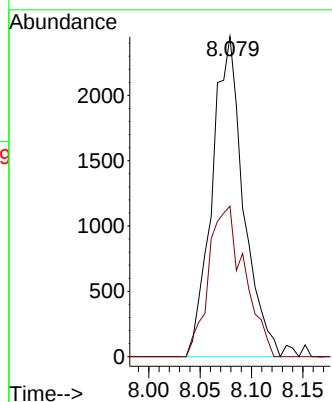
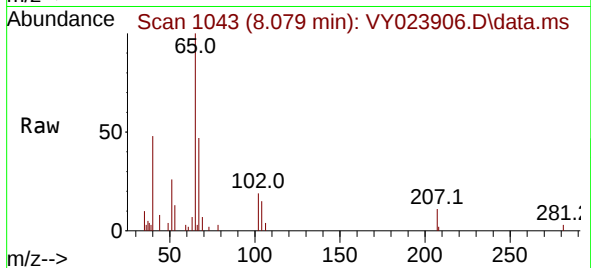
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Tgt Ion: 65 Resp: 5210

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. 0.018 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

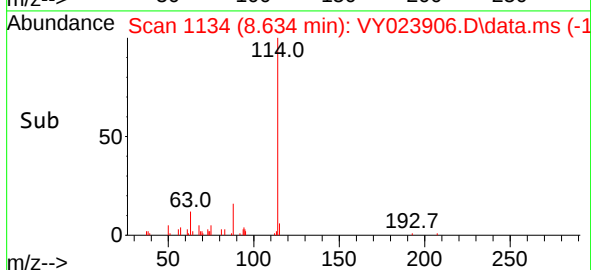
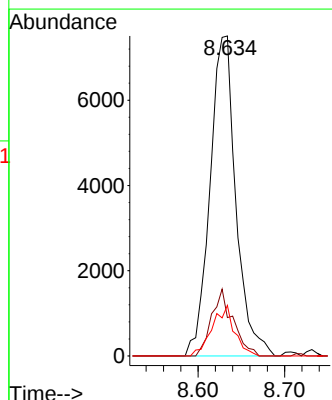
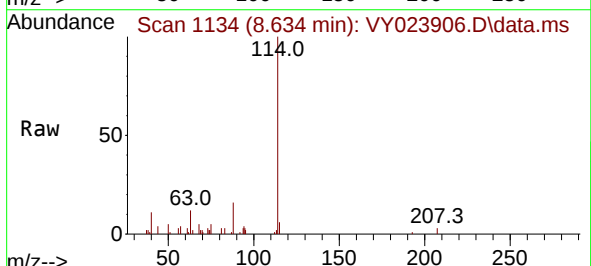
Tgt Ion: 114 Resp: 15625

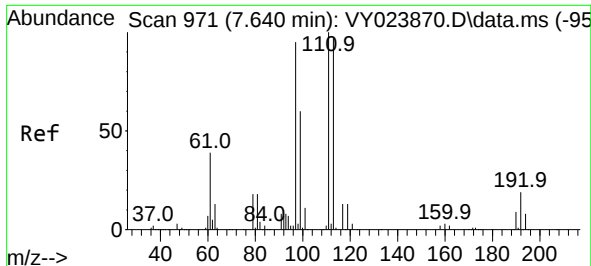
Ion Ratio Lower Upper

114 100

63 12.0 0.0 39.2

88 15.8 0.0 31.4

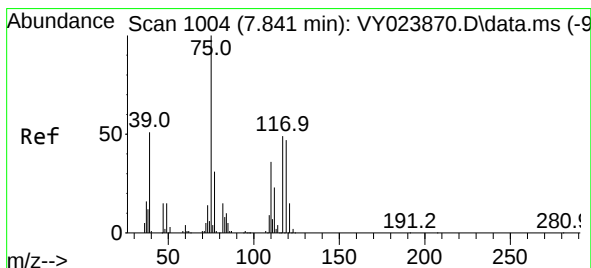
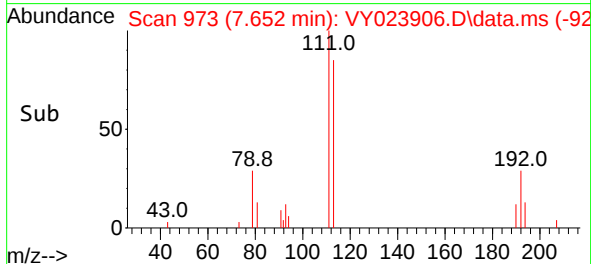
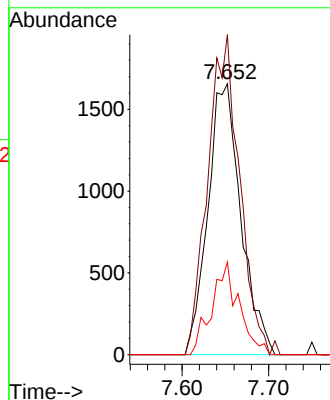
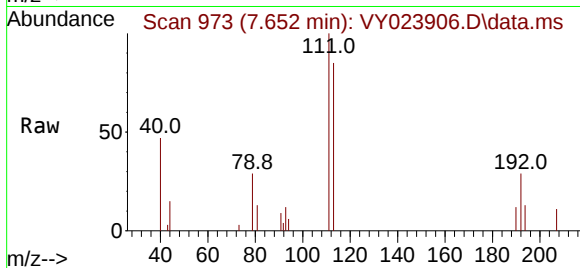




#35
Dibromofluoromethane
Concen: 43.866 ug/l
RT: 7.652 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

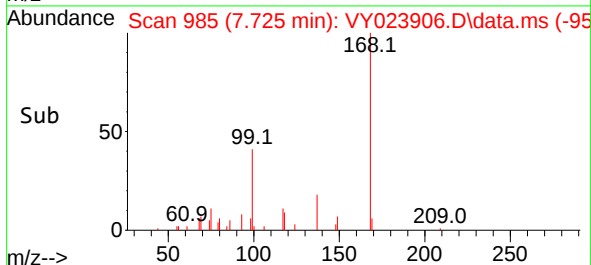
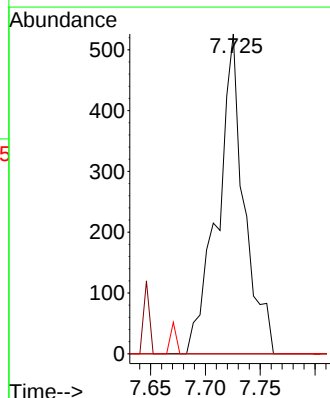
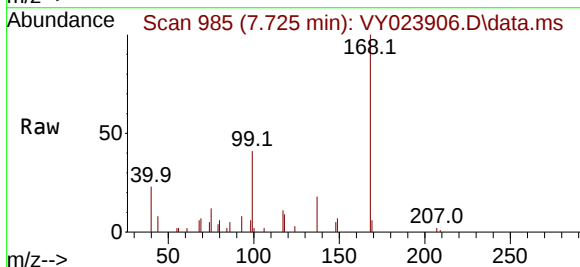
Instrument :
MSVOA_Y
ClientSampleId :
304 FURMAN SOILRE

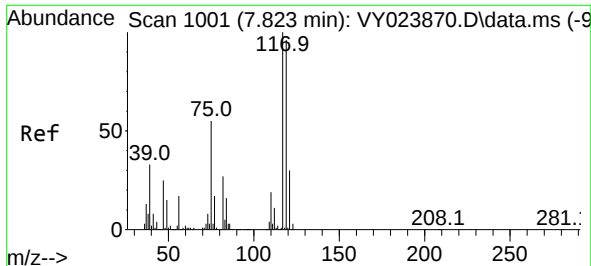
Tgt Ion:113 Resp: 4396
Ion Ratio Lower Upper
113 100
111 113.5 82.2 123.2
192 28.4 15.8 23.8#



#36
1,1-Dichloropropene
Concen: 5.976 ug/l
RT: 7.725 min Scan# 985
Delta R.T. -0.116 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion: 75 Resp: 883
Ion Ratio Lower Upper
75 100
110 0.0 17.6 52.9#
77 0.0 24.6 37.0#

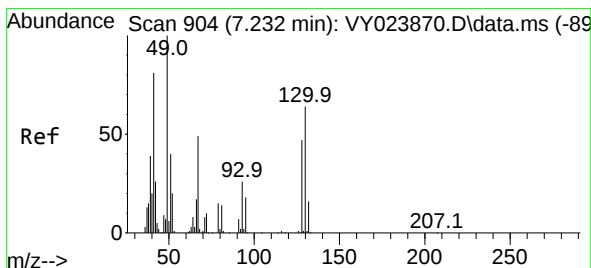
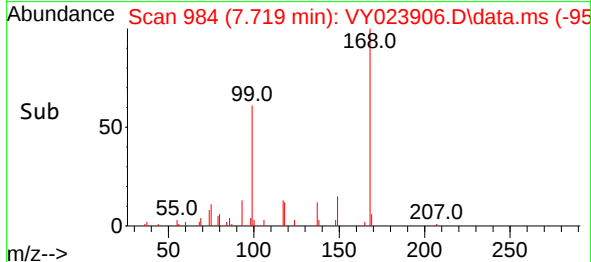
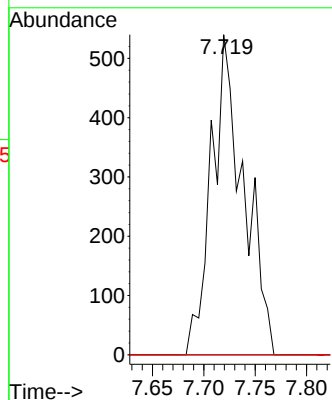
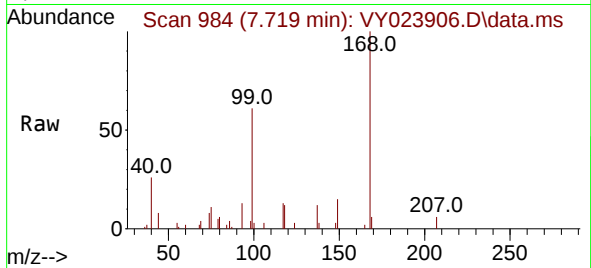




#38
Carbon Tetrachloride
Concen: 7.211 ug/l
RT: 7.719 min Scan# 903
Delta R.T. -0.104 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

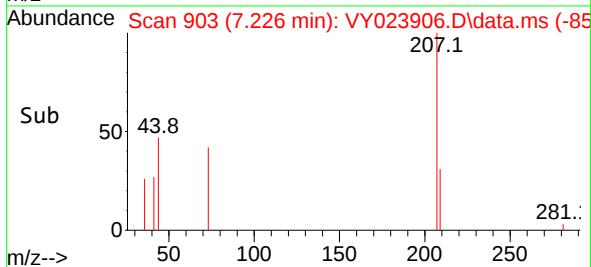
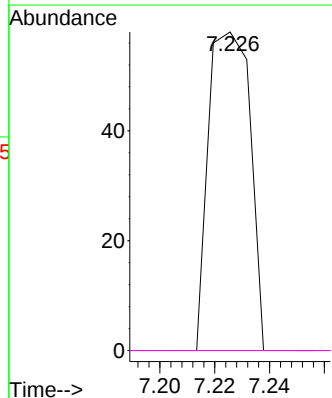
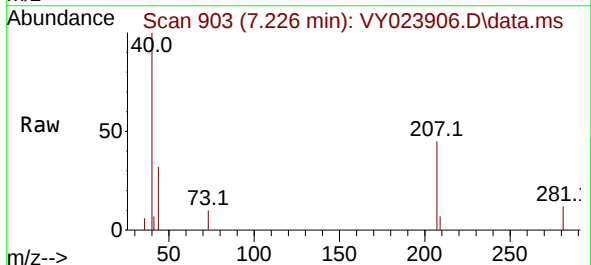
Instrument :
MSVOA_Y
ClientSampleId :
304 FURMAN SOILRE

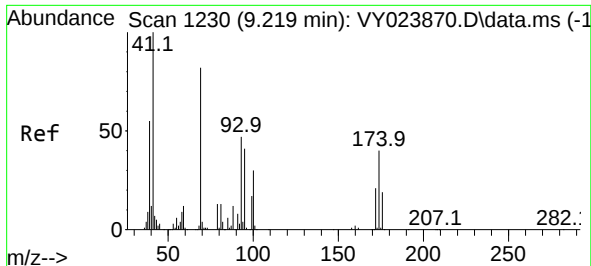
Tgt Ion: 117 Resp: 1176
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.6#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.734 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
39 0.0 49.4 74.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#48

Methyl methacrylate

Concen: 2.062 ug/l

RT: 9.146 min Scan# 11

Delta R.T. -0.073 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

Instrument :

MSVOA_Y

ClientSampleId :

304 FURMAN SOILRE

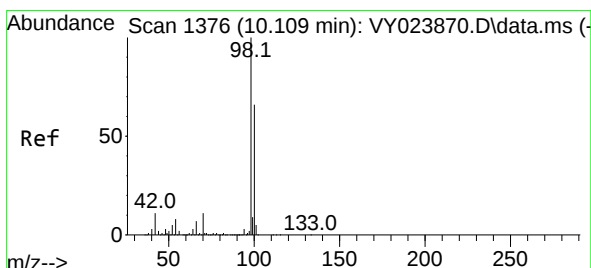
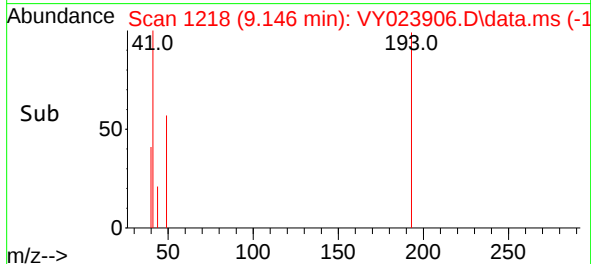
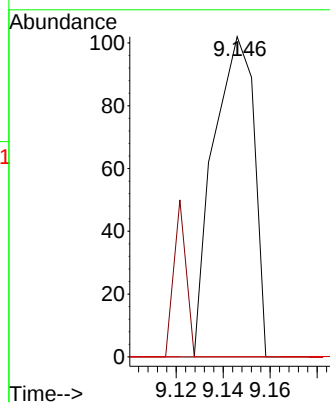
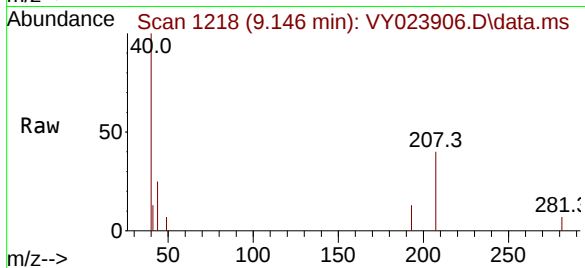
Tgt Ion: 41 Resp: 123

Ion Ratio Lower Upper

41 100

69 0.0 67.7 101.5#

39 0.0 43.4 65.0#



#50

Toluene-d8

Concen: 36.592 ug/l

RT: 10.121 min Scan# 1378

Delta R.T. 0.012 min

Lab File: VY023906.D

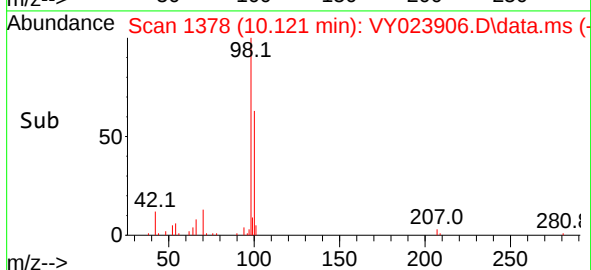
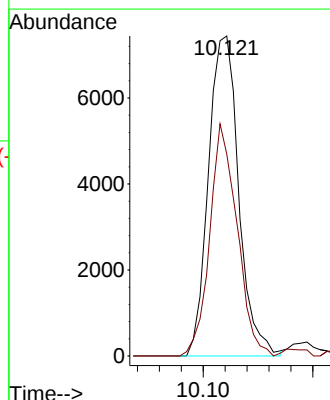
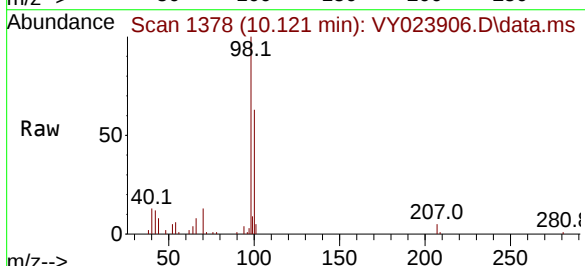
Acq: 09 Dec 2025 14:19

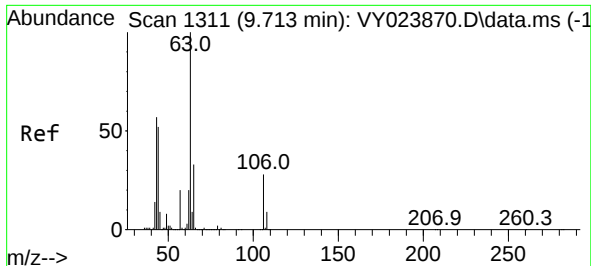
Tgt Ion: 98 Resp: 14270

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7





#58

2-Chloroethyl Vinyl ether

Concen: 15.139 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.293 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

Instrument :

MSVOA_Y

ClientSampleId :

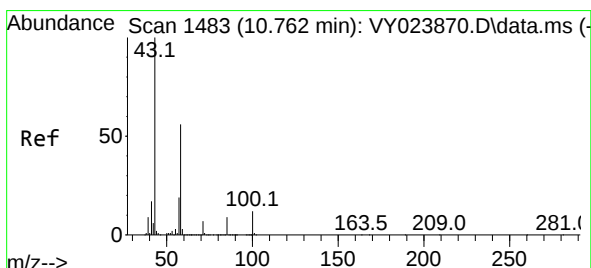
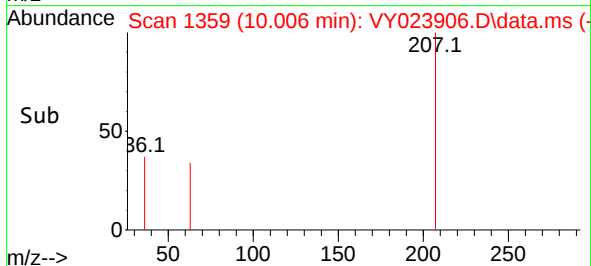
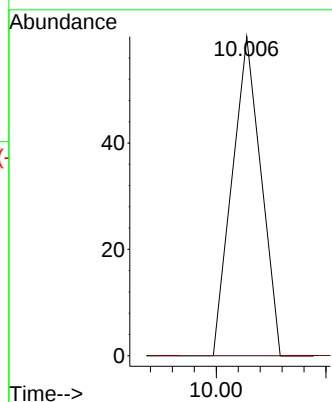
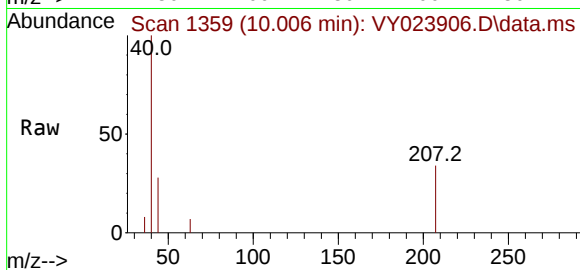
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Tgt Ion: 63 Resp: 22

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#



#59

2-Hexanone

Concen: 1.146 ug/l

RT: 10.749 min Scan# 1481

Delta R.T. -0.012 min

Lab File: VY023906.D

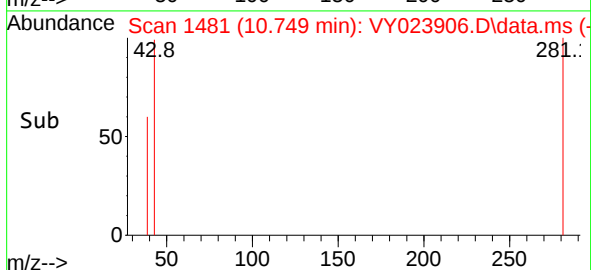
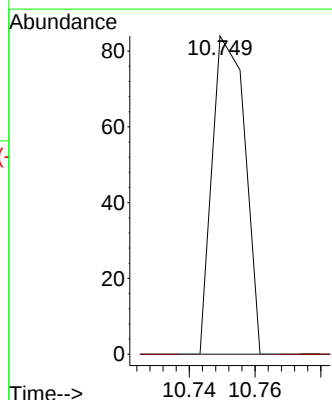
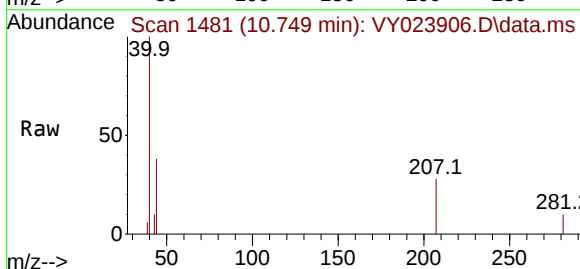
Acq: 09 Dec 2025 14:19

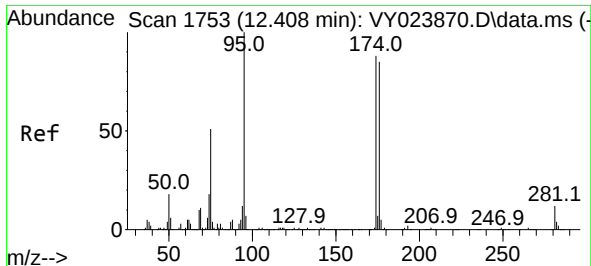
Tgt Ion: 43 Resp: 58

Ion Ratio Lower Upper

43 100

58 0.0 27.7 83.1#

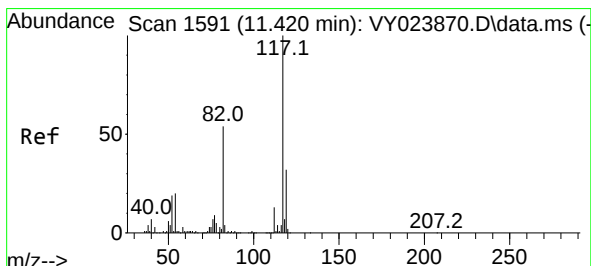
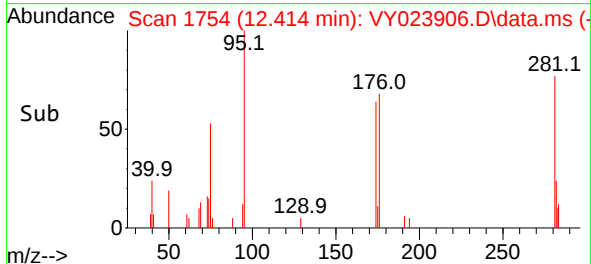
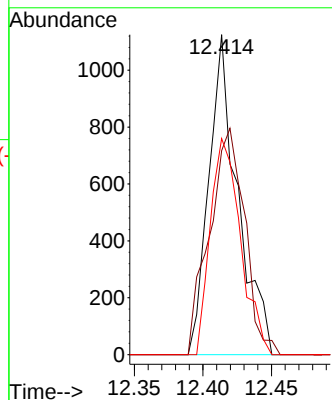
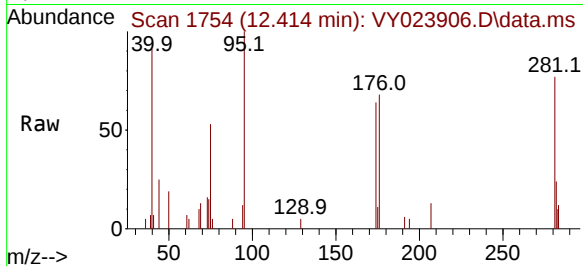




#62
4-Bromofluorobenzene
Concen: 12.360 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

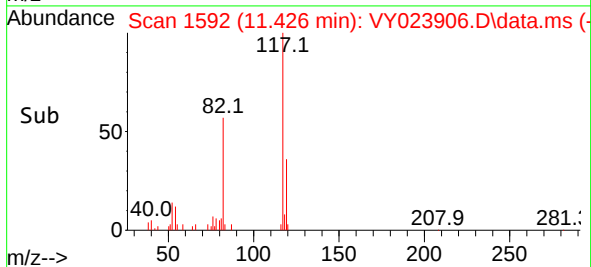
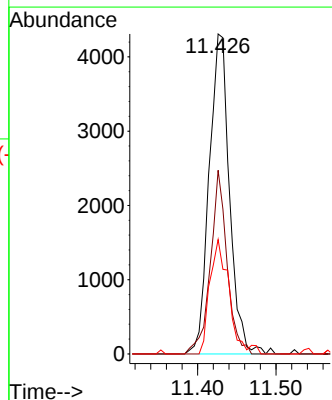
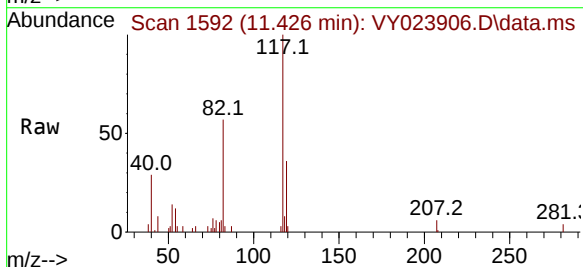
Instrument :
MSVOA_Y
ClientSampleId :
304 FURMAN SOILRE

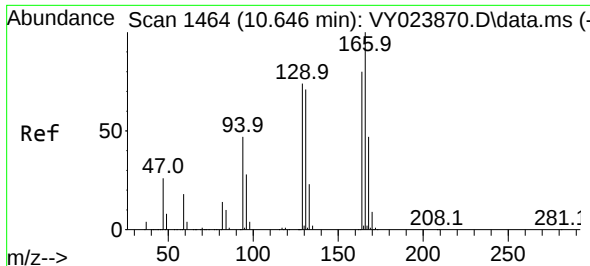
Tgt Ion:	95	Resp:	1644
Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	169.6
176	70.9	0.0	164.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion:	117	Resp:	7773
Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.1	64.7
119	35.7	26.0	39.0

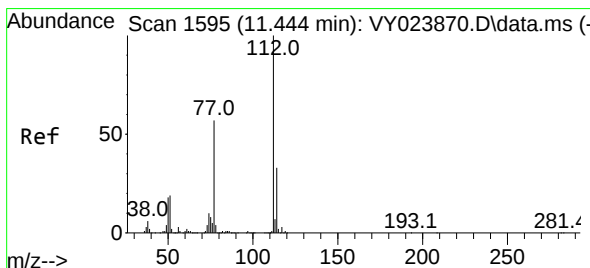
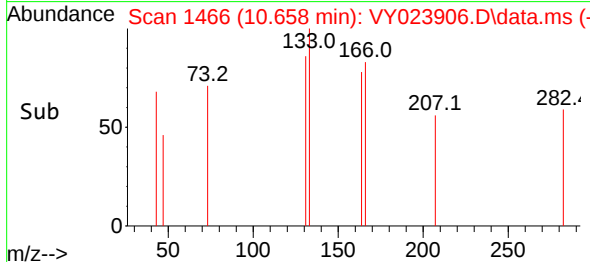
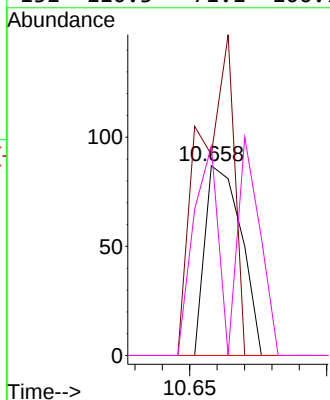
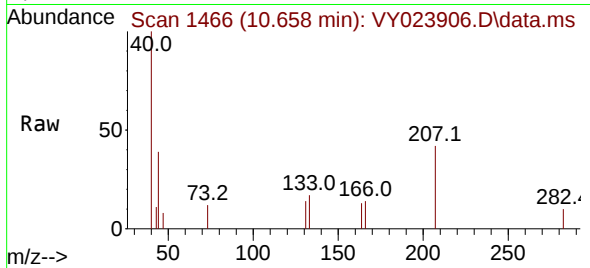




#64
Tetrachloroethene
Concen: 1.052 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.012 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

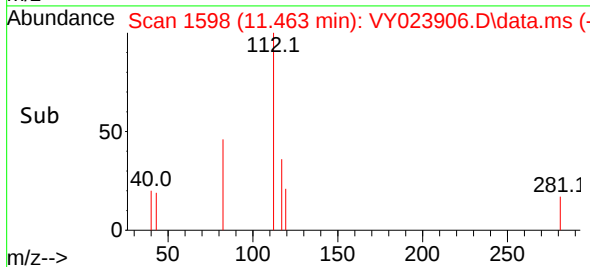
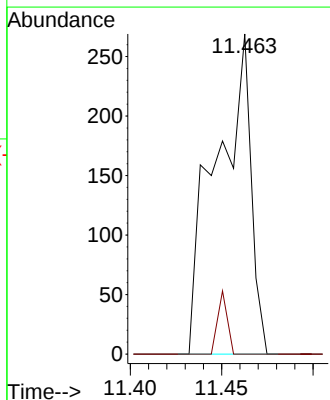
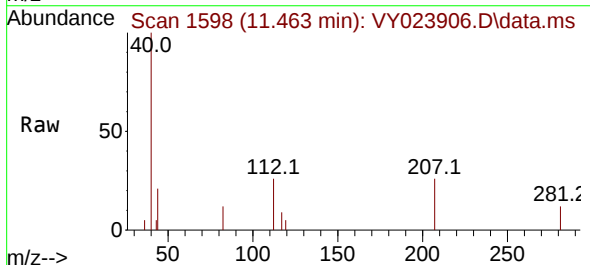
Instrument :
MSVOA_Y
ClientSampleId :
304 FURMAN SOILRE

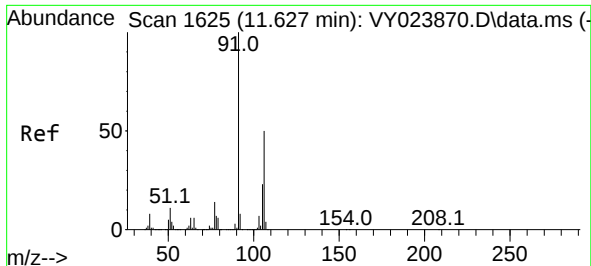
Tgt Ion:164	Resp:	80
Ion	Ratio	Lower Upper
164	100	
166	105.7	100.2 150.4
129	0.0	74.4 111.6#
131	110.3	71.1 106.7#



#65
Chlorobenzene
Concen: 2.012 ug/l
RT: 11.463 min Scan# 1598
Delta R.T. 0.018 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion:112	Resp:	357
Ion	Ratio	Lower Upper
112	100	
114	0.0	26.2 39.4#

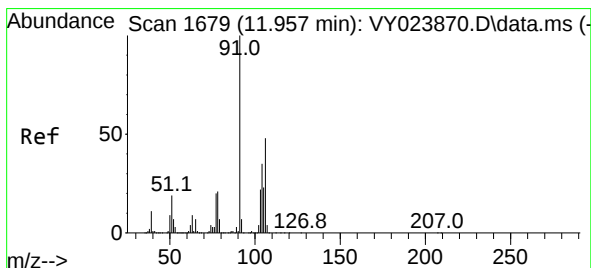
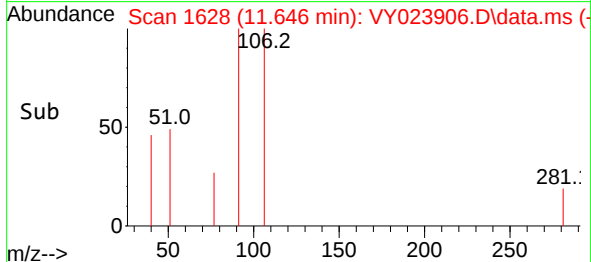
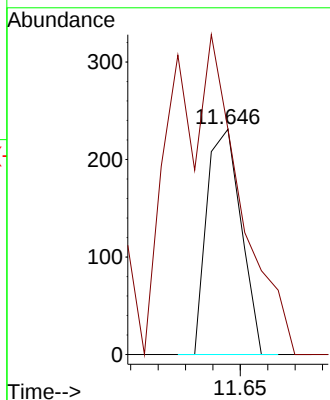
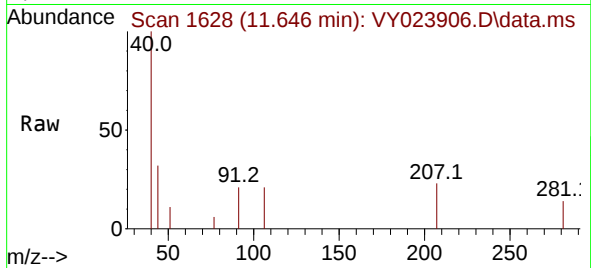




#68
m/p-Xylenes
Concen: 1.706 ug/l
RT: 11.646 min Scan# 1628
Delta R.T. 0.018 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

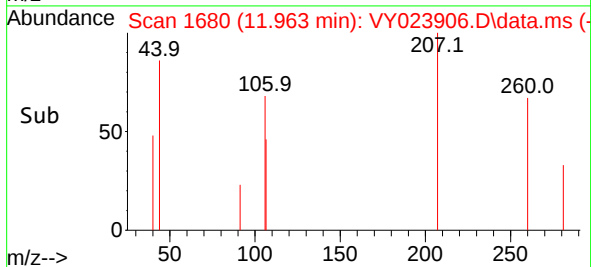
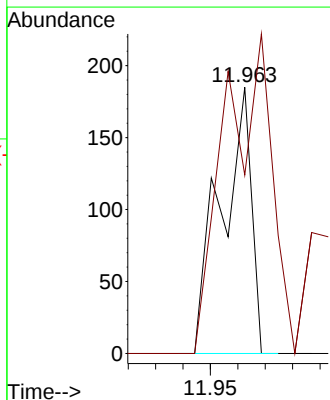
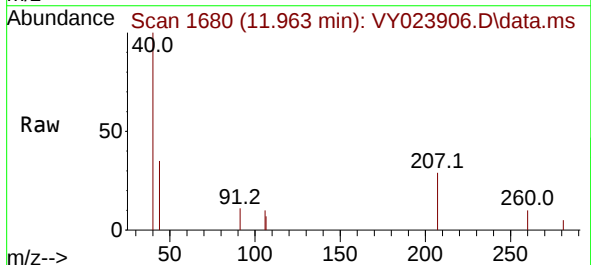
Instrument :
MSVOA_Y
ClientSampleId :
304 FURMAN SOILRE

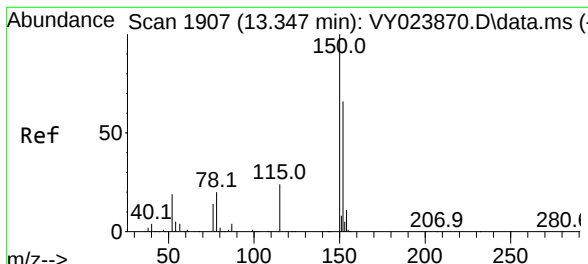
Tgt Ion:106 Resp: 200
Ion Ratio Lower Upper
106 100
91 161.0 159.7 239.5



#69
o-Xylene
Concen: 1.295 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion:106 Resp: 142
Ion Ratio Lower Upper
106 100
91 185.2 104.4 313.1

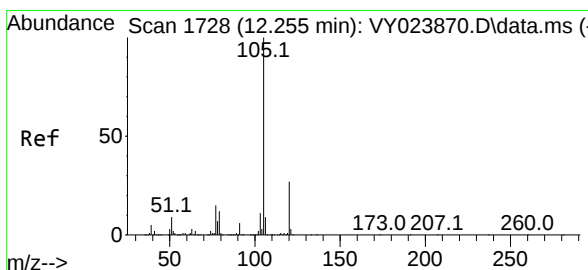
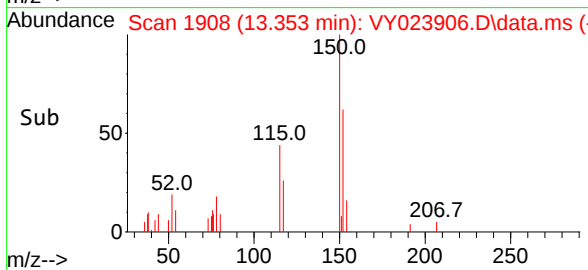
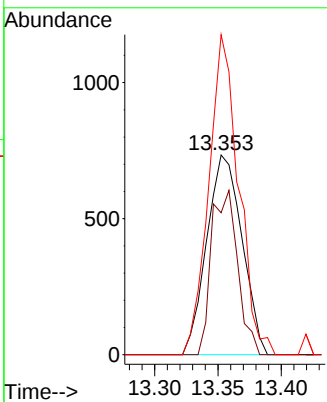
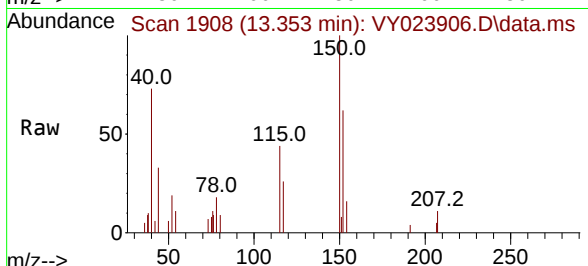




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY023906.D
 Acq: 09 Dec 2025 14:19

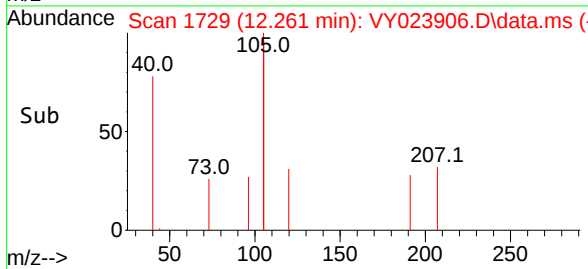
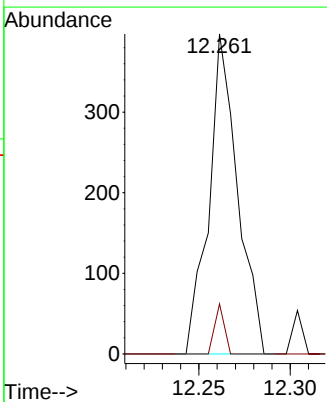
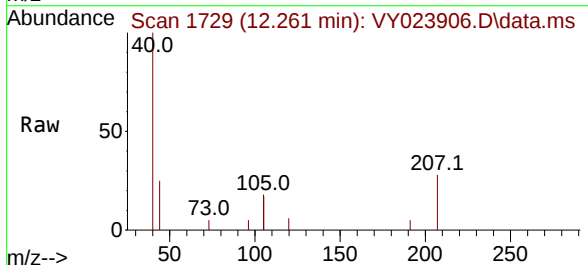
Instrument :
 MSVOA_Y
 ClientSampleId :
 304 FURMAN SOILRE

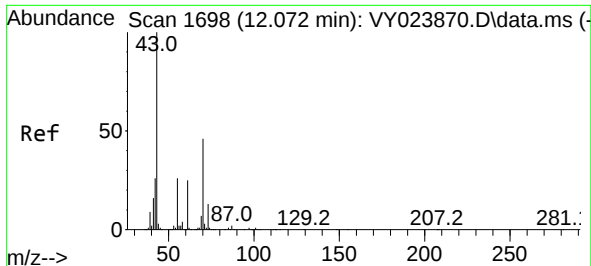
Tgt Ion:	152	Resp:	1424
Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.8	86.4
150	136.2	0.0	352.2



#73
 Isopropylbenzene
 Concen: 4.146 ug/l
 RT: 12.261 min Scan# 1729
 Delta R.T. 0.006 min
 Lab File: VY023906.D
 Acq: 09 Dec 2025 14:19

Tgt Ion:	105	Resp:	435
Ion	Ratio	Lower	Upper
105	100		
120	5.3	13.4	40.1#

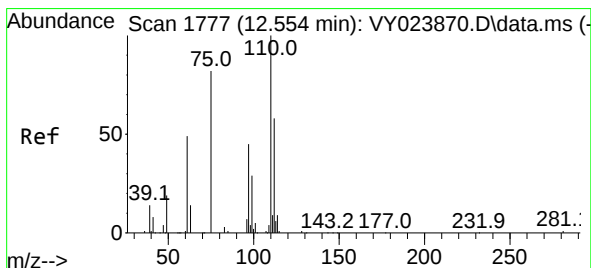
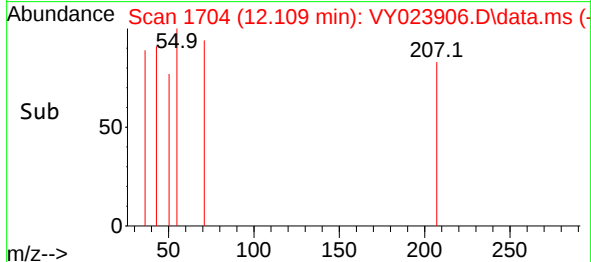
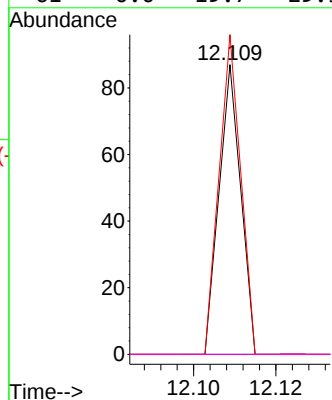
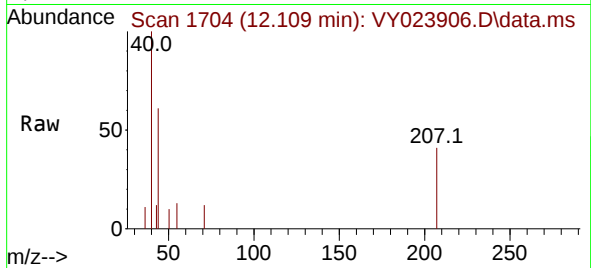




#74
N-amy1 acetate
Concen: 1.407 ug/l
RT: 12.109 min Scan# 1704
Delta R.T. 0.036 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

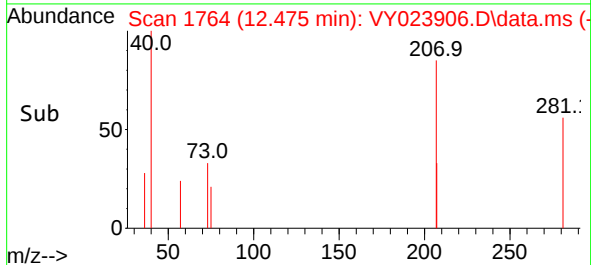
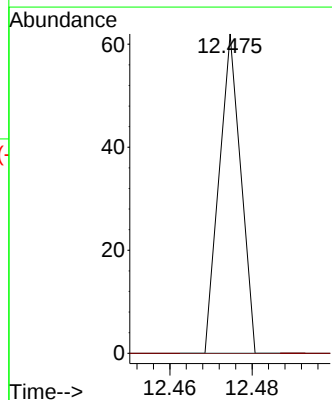
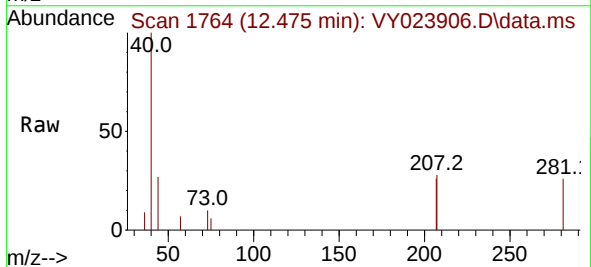
Instrument :
MSVOA_Y
ClientSampleId :
304 FURMAN SOILRE

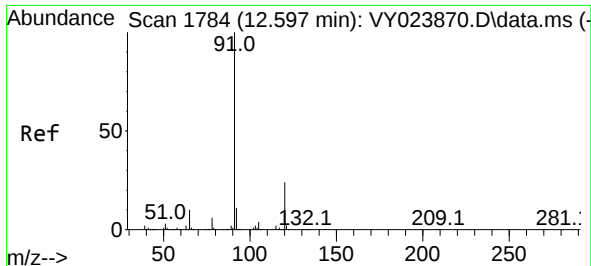
Tgt Ion: 43	Resp: 32
Ion Ratio	Lower Upper
43 100	
70 0.0	35.5 53.3#
55 109.4	21.1 31.7#
61 0.0	19.7 29.5#



#76
1,2,3-Trichloropropane
Concen: 1.629 ug/l
RT: 12.475 min Scan# 1764
Delta R.T. -0.079 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion: 75	Resp: 23
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0

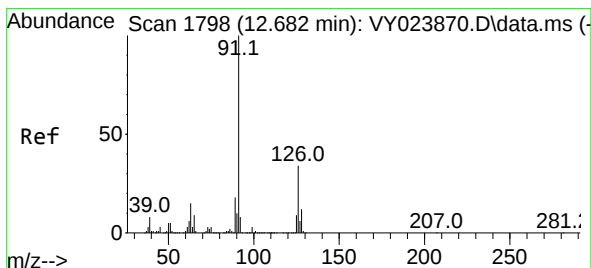
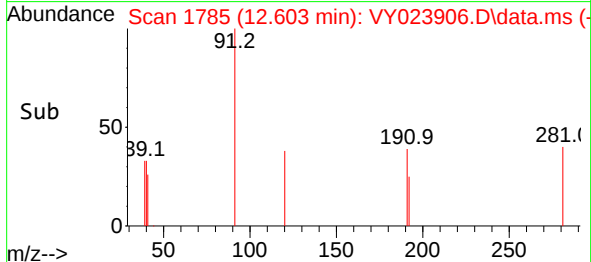
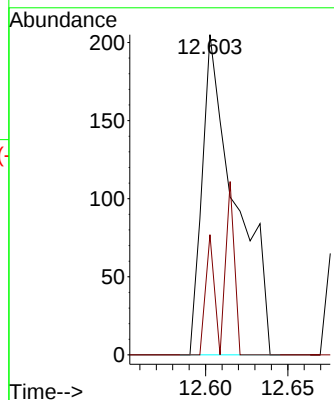
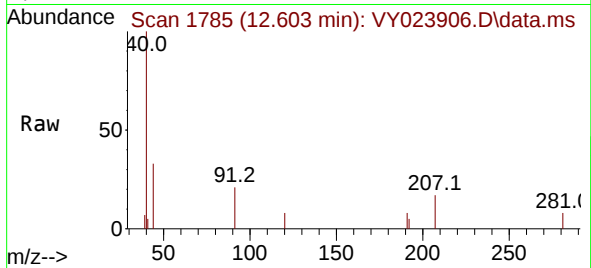




#78
n-propylbenzene
Concen: 2.291 ug/l
RT: 12.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

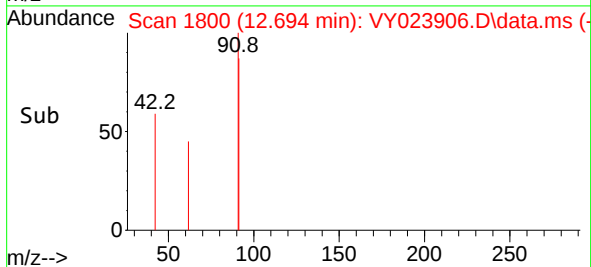
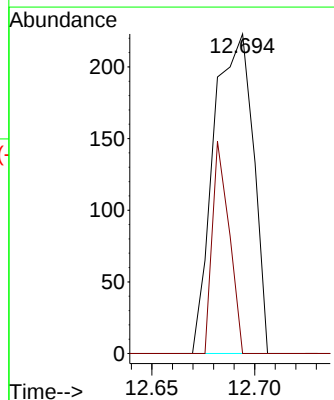
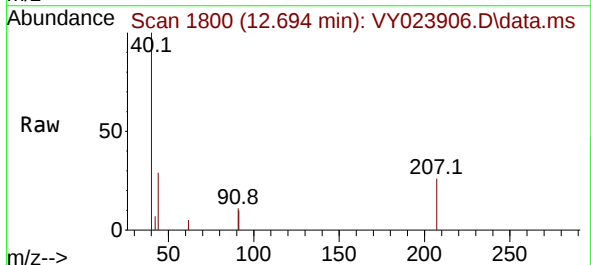
Instrument :
MSVOA_Y
ClientSampleId :
304 FURMAN SOILRE

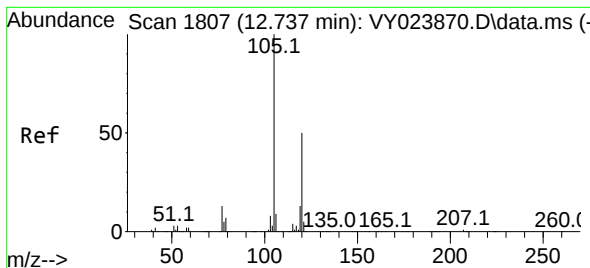
Tgt Ion: 91 Resp: 290
Ion Ratio Lower Upper
91 100
120 9.7 11.5 34.5#



#79
2-Chlorotoluene
Concen: 4.145 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. 0.012 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion: 91 Resp: 298
Ion Ratio Lower Upper
91 100
126 28.2 17.0 51.0





#80

1,3,5-Trimethylbenzene

Concen: 1.537 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

Instrument :

MSVOA_Y

ClientSampleId :

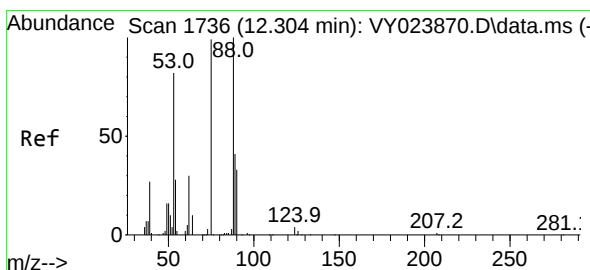
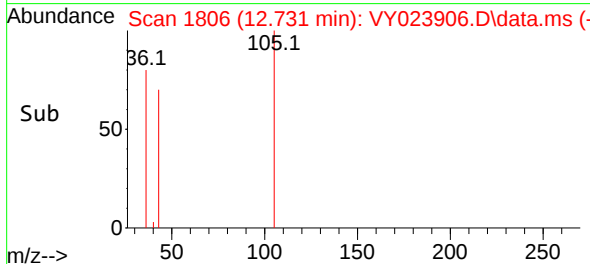
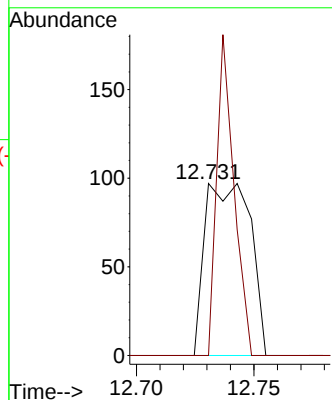
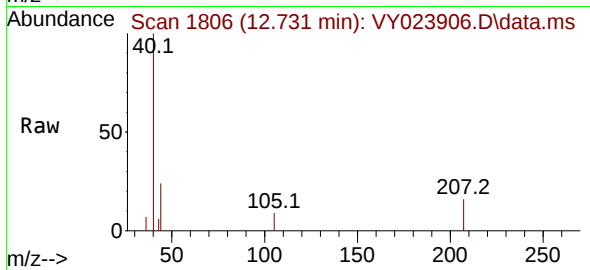
304 FURMAN SOILRE

Tgt Ion:105 Resp: 131

Ion Ratio Lower Upper

105 100

120 70.2 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 11.197 ug/l

RT: 12.280 min Scan# 1732

Delta R.T. -0.024 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

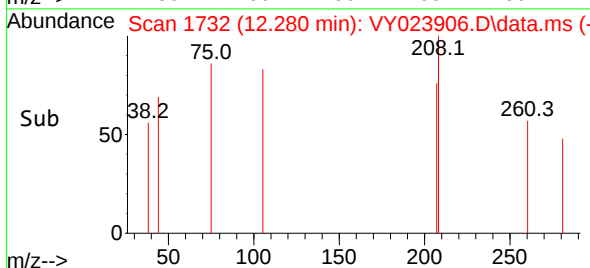
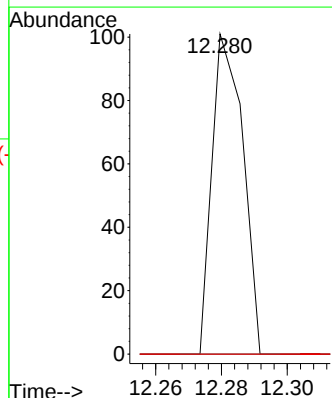
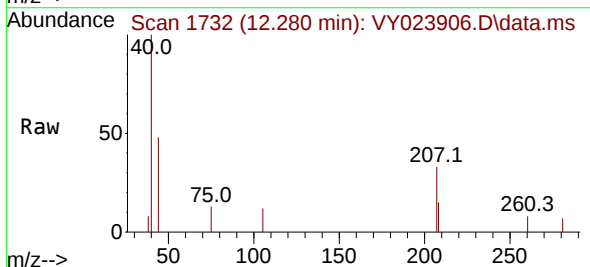
Tgt Ion: 75 Resp: 66

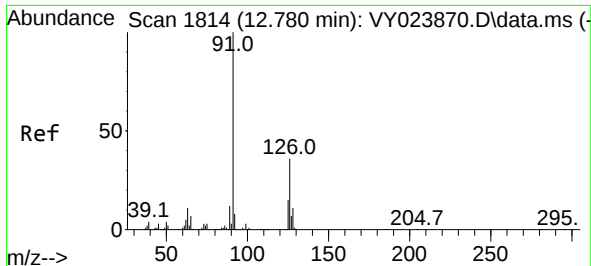
Ion Ratio Lower Upper

75 100

53 0.0 71.1 106.7#

89 0.0 36.3 54.5#

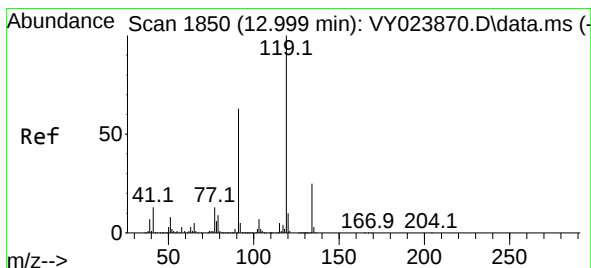
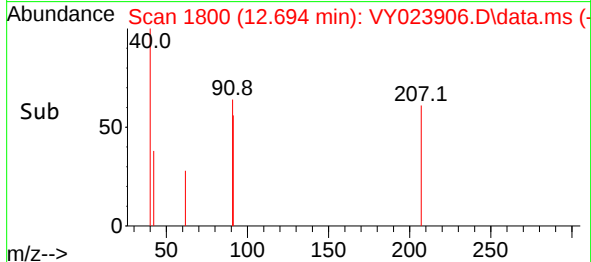
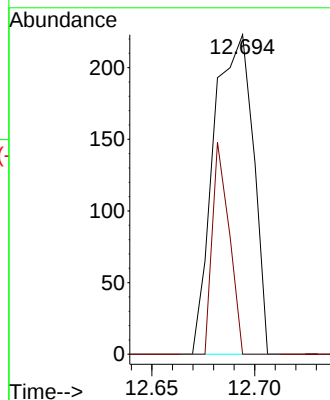
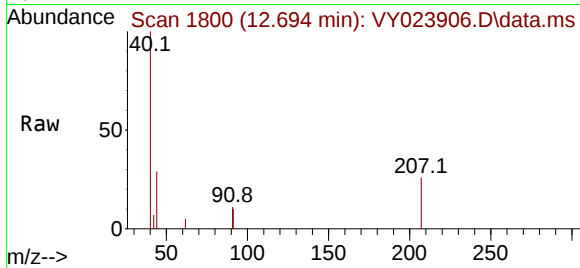




#82
4-Chlorotoluene
Concen: 3.998 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. -0.085 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

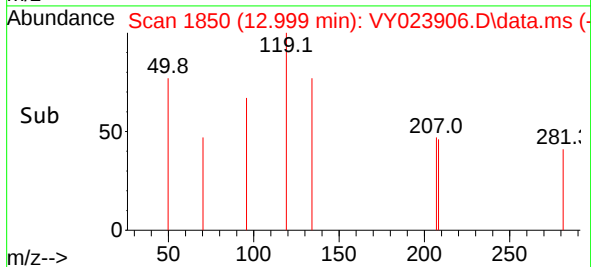
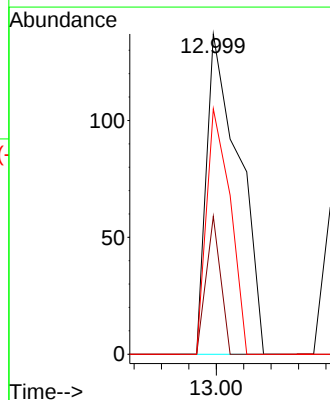
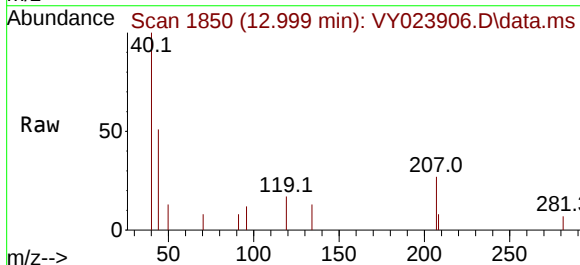
Instrument :
MSVOA_Y
ClientSampleId :
304 FURMAN SOILRE

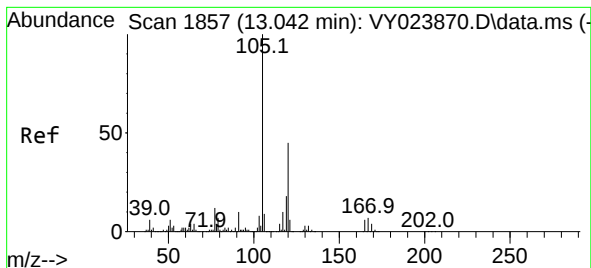
Tgt Ion: 91 Resp: 298
Ion Ratio Lower Upper
91 100
126 28.2 17.1 51.2



#83
tert-Butylbenzene
Concen: 1.457 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion: 119 Resp: 112
Ion Ratio Lower Upper
119 100
91 19.6 31.8 95.3#
134 56.3 12.9 38.7#





#84

1,2,4-Trimethylbenzene

Concen: 4.559 ug/l

RT: 13.060 min Scan# 1860

Delta R.T. 0.018 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

Instrument :

MSVOA_Y

ClientSampleId :

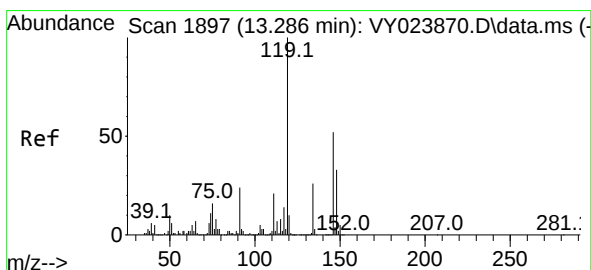
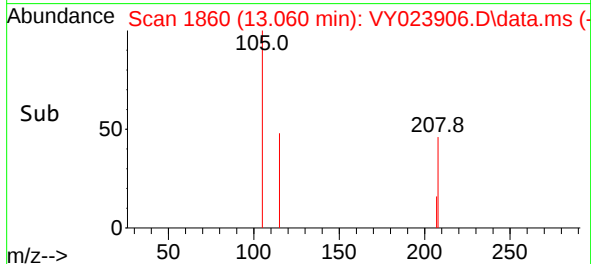
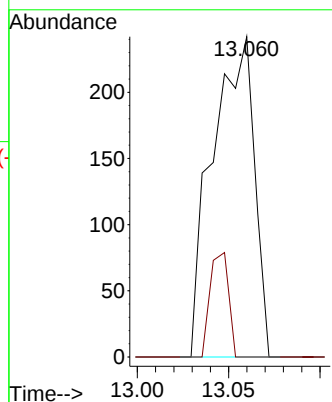
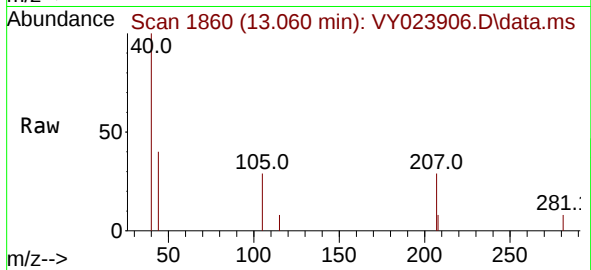
304 FURMAN SOILRE

Tgt Ion:105 Resp: 385

Ion Ratio Lower Upper

105 100

120 14.5 22.4 67.3#



#87

1,3-Dichlorobenzene

Concen: 2.974 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023906.D

Acq: 09 Dec 2025 14:19

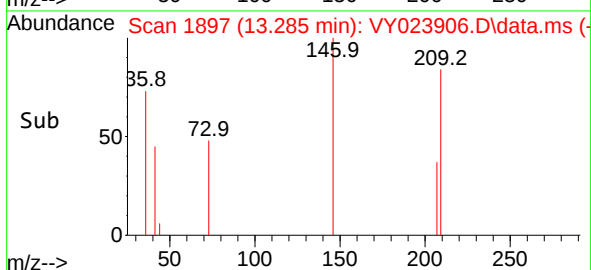
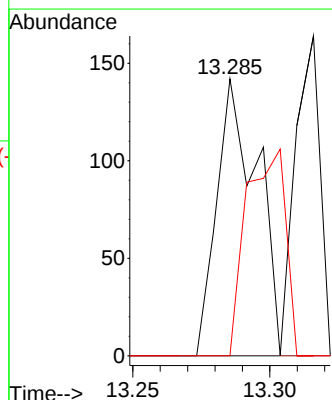
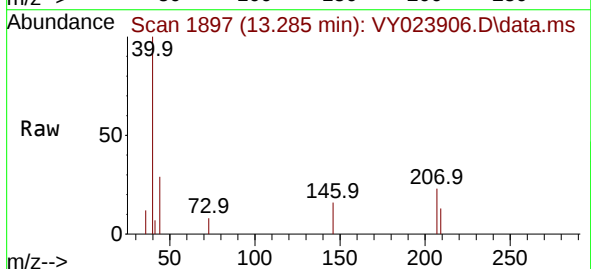
Tgt Ion:146 Resp: 146

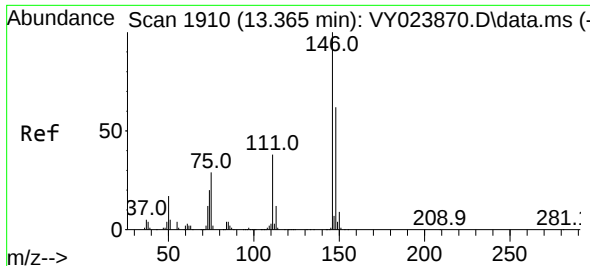
Ion Ratio Lower Upper

146 100

111 0.0 20.0 60.0#

148 0.0 32.0 96.2#

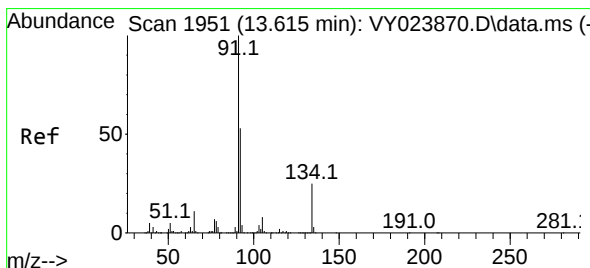
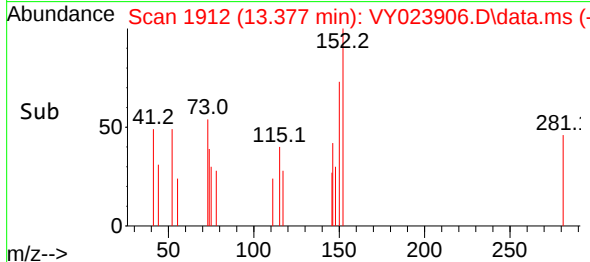
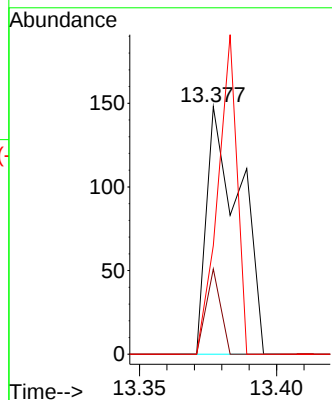
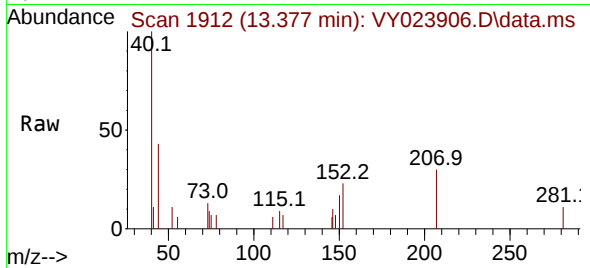




#88
1,4-Dichlorobenzene
Concen: 2.596 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.012 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

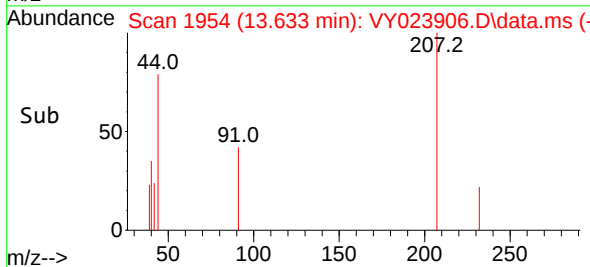
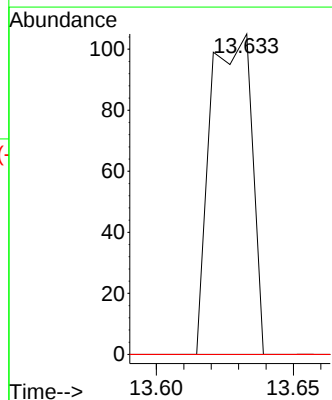
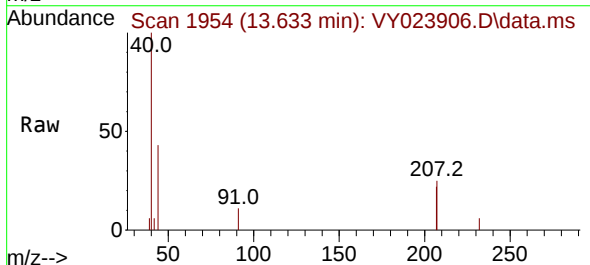
Instrument :
MSVOA_Y
ClientSampleId :
304 FURMAN SOILRE

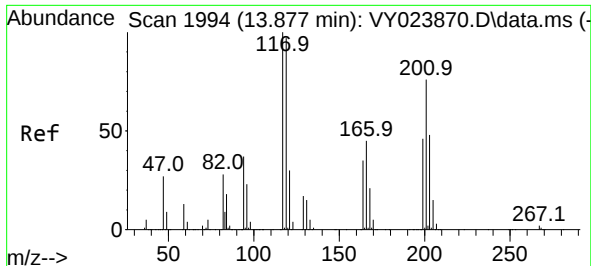
Tgt Ion:146 Resp: 125
Ion Ratio Lower Upper
146 100
111 15.2 19.4 58.1#
148 75.2 32.0 96.2



#89
n-Butylbenzene
Concen: 1.244 ug/l
RT: 13.633 min Scan# 1954
Delta R.T. 0.018 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion: 91 Resp: 109
Ion Ratio Lower Upper
91 100
92 0.0 26.7 80.0#
134 0.0 13.0 39.0#

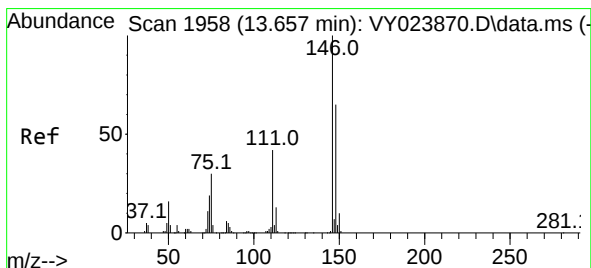
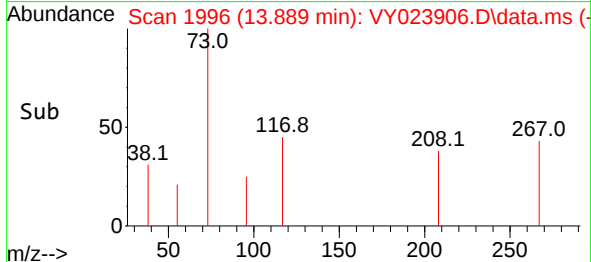
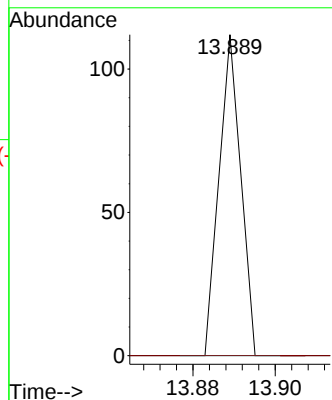
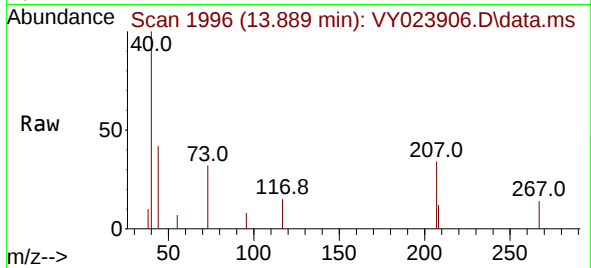




#90
Hexachloroethane
Concen: 2.065 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.012 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

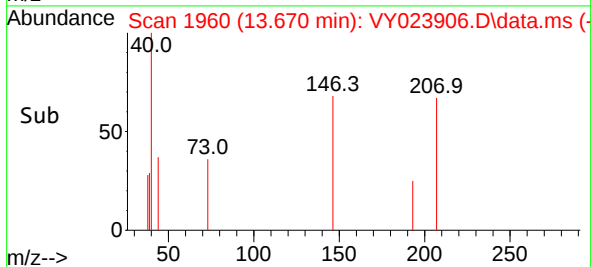
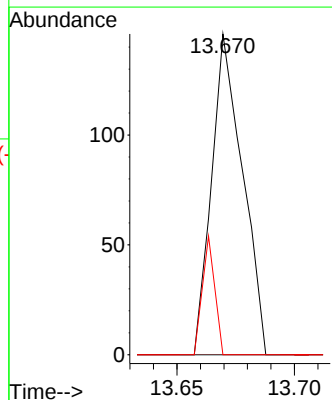
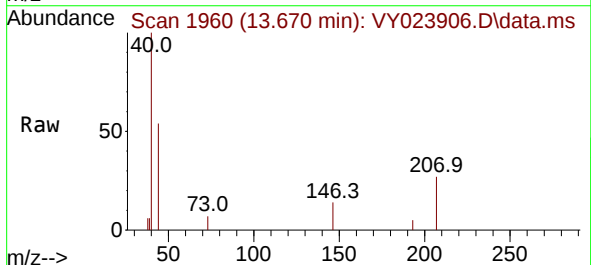
Instrument :
MSVOA_Y
ClientSampleId :
304 FURMAN SOILRE

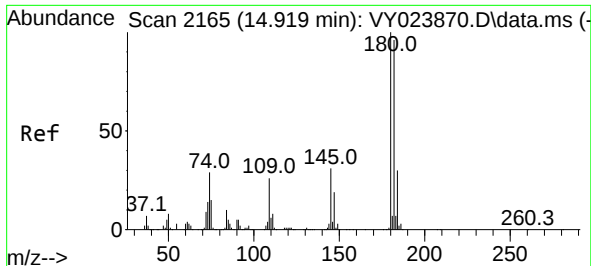
Tgt Ion:117 Resp: 41
Ion Ratio Lower Upper
117 100
201 0.0 39.1 117.2#



#91
1,2-Dichlorobenzene
Concen: 3.115 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.012 min
Lab File: VY023906.D
Acq: 09 Dec 2025 14:19

Tgt Ion:146 Resp: 133
Ion Ratio Lower Upper
146 100
111 0.0 20.4 61.3#
148 15.0 32.3 96.8#

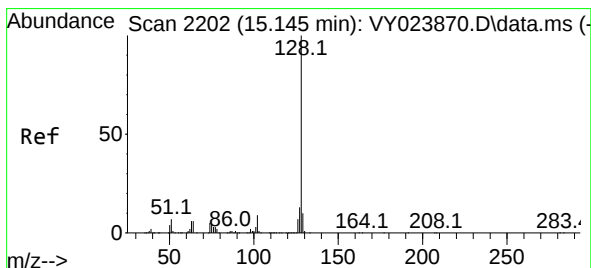
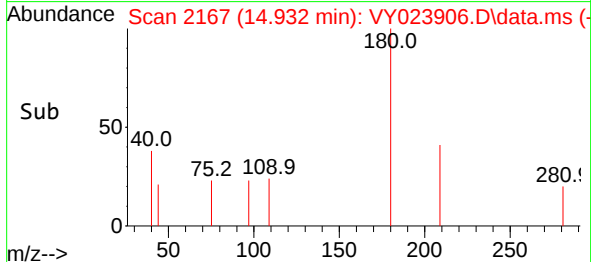
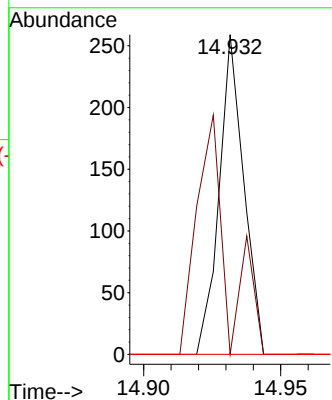
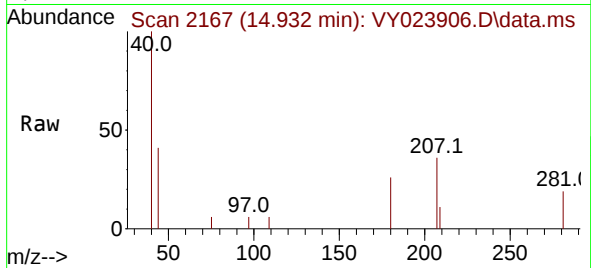




#93
 1,2,4-Trichlorobenzene
 Concen: 6.360 ug/l
 RT: 14.932 min Scan# 2167
 Delta R.T. 0.012 min
 Lab File: VY023906.D
 Acq: 09 Dec 2025 14:19

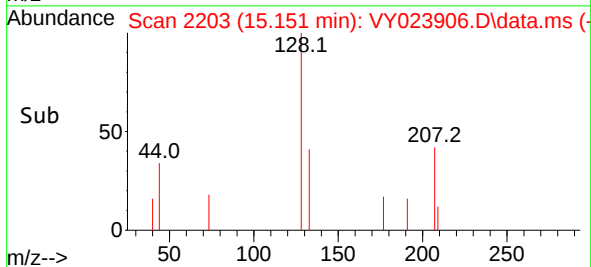
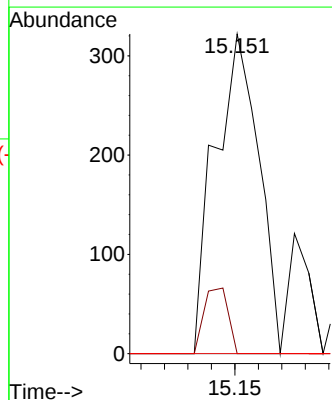
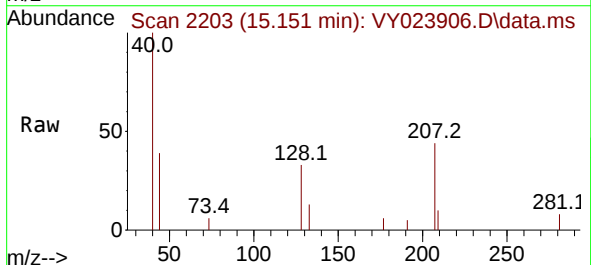
Instrument :
 MSVOA_Y
 ClientSampleId :
 304 FURMAN SOILRE

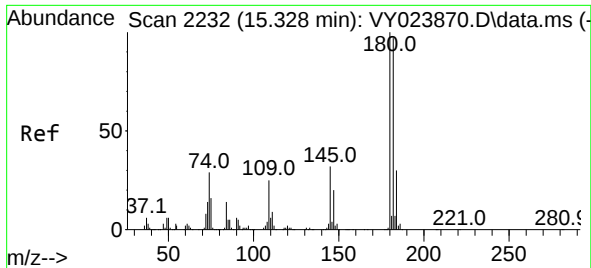
Tgt Ion:180 Resp: 161
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.4 142.3
 145 0.0 15.2 45.5#



#95
 Naphthalene
 Concen: 9.995 ug/l
 RT: 15.151 min Scan# 2203
 Delta R.T. 0.006 min
 Lab File: VY023906.D
 Acq: 09 Dec 2025 14:19

Tgt Ion:128 Resp: 417
 Ion Ratio Lower Upper
 128 100
 127 11.3 10.3 15.5
 129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 7.684 ug/l
 RT: 15.340 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY023906.D
 Acq: 09 Dec 2025 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	127.1	46.9	140.8
145	0.0	15.7	47.1#

