

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032391.D
 Acq On : 20 Oct 2025 16:02
 Operator : SY/MD
 Sample : Q3376-04
 Misc : 4.83g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S12-047072-20251016

Quant Time: Oct 21 01:29:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	228874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	504890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	502710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	262504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	202348	60.615	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 121.220%			
35) Dibromofluoromethane	7.904	113	174367	53.328	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 106.660%			
50) Toluene-d8	10.325	98	636003	52.702	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.617	95	310757	68.130	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 136.260%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.234	59	4080	16.147	ug/l #	69
13) Acrolein	3.923	56	1558	3.799	ug/l #	14
16) Acetone	4.161	43	148038	160.155	ug/l	98
17) Carbon Disulfide	4.423	76	69495	9.874	ug/l	100
18) Methyl Acetate	4.716	43	6477	2.446	ug/l	99
20) Methylene Chloride	4.954	84	13327	Below Cal		96
25) 2-Butanone	7.197	43	64125	50.937	ug/l	95
31) Cyclohexane	7.965	56	17955	3.821	ug/l #	74
36) 1,1-Dichloropropene	7.965	75	21024	4.556	ug/l #	52
37) Ethyl Acetate	7.197	43	64125	20.877	ug/l #	69
38) Carbon Tetrachloride	7.959	117	26966	6.210	ug/l #	18
39) Methylcyclohexane	9.343	83	90566	16.271	ug/l #	83
40) Benzene	8.337	78	64494	4.459	ug/l	94
43) Isopropyl Acetate	8.429	43	10632	1.951	ug/l #	52
48) Methyl methacrylate	9.483	41	8342	3.149	ug/l #	24
49) 1,4-Dioxane	9.471	88	46	1.516	ug/l #	1
51) 4-Methyl-2-Pentanone	10.325	43	17256	5.468	ug/l	92
55) 1,1,2-Trichloroethane	10.764	97	40059	13.501	ug/l #	35
56) Ethyl methacrylate	10.666	69	13891	3.345	ug/l #	4
59) 2-Hexanone	10.934	43	322073	144.698	ug/l #	29
67) Ethyl Benzene	11.733	91	24990	1.355	ug/l	99
68) m/p-Xylenes	11.837	106	51068	7.183	ug/l	90
69) o-Xylene	12.166	106	86936	13.076	ug/l	97
71) Bromoform	12.294	173	4277	2.166	ug/l #	70
74) N-amyl acetate	12.251	43	438771	76.584	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.684	83	28363	6.360	ug/l #	1
76) 1,2,3-Trichloropropane	12.617	75	117598	34.043	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.940	105	49348	3.178	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.617	75	117462	86.140	ug/l #	19
83) tert-Butylbenzene	13.434	119	20243	1.589	ug/l	80
84) 1,2,4-Trimethylbenzene	13.245	105	98535	6.240	ug/l	100
85) sec-Butylbenzene	13.379	105	22931	1.178	ug/l #	51
86) p-Isopropyltoluene	13.495	119	18469	1.143	ug/l #	77
95) Naphthalene	15.354	128	111723	9.790	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

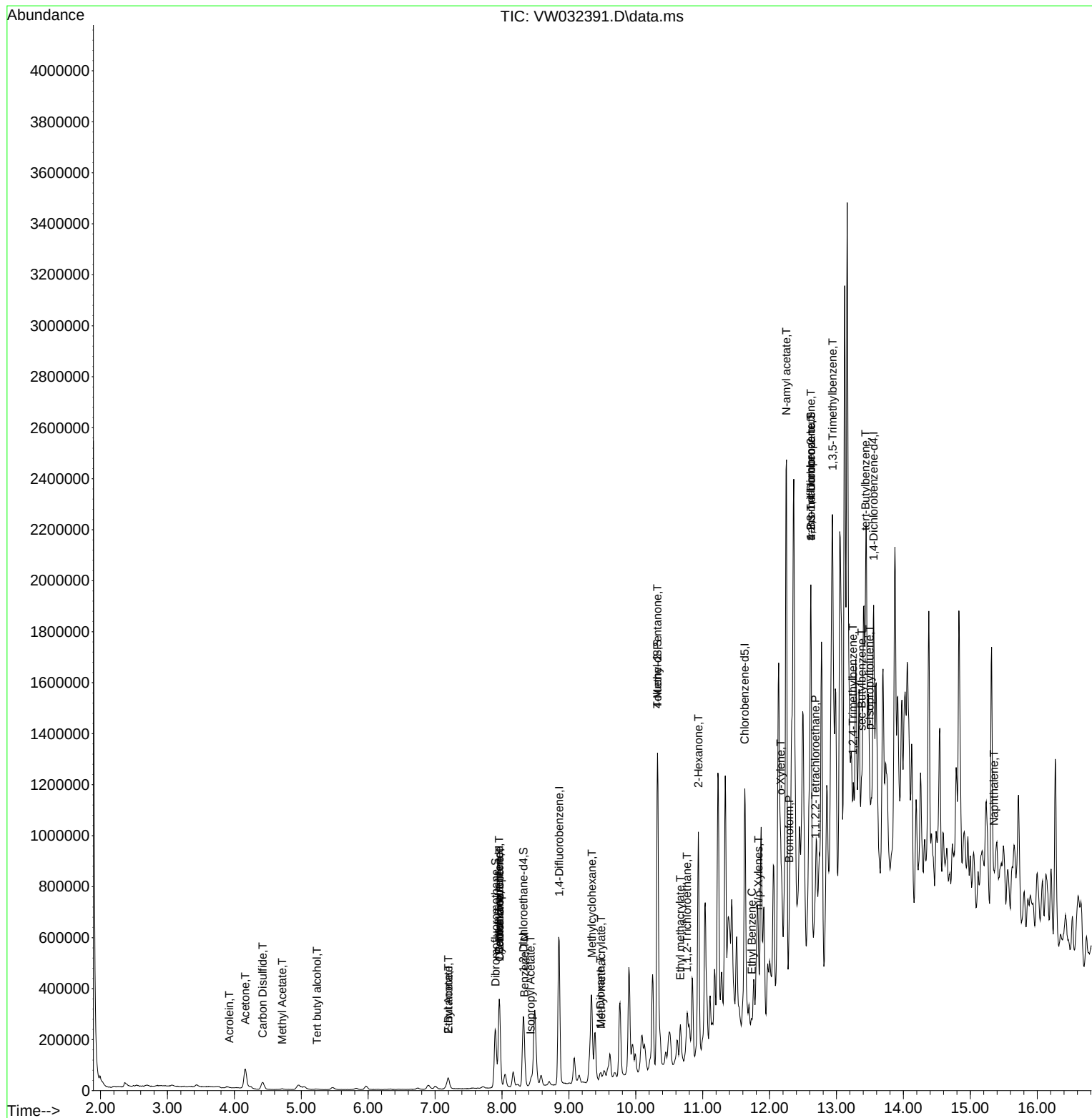
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

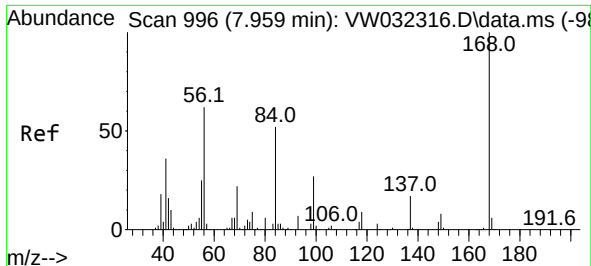
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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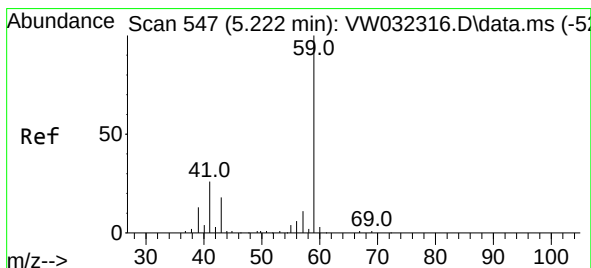
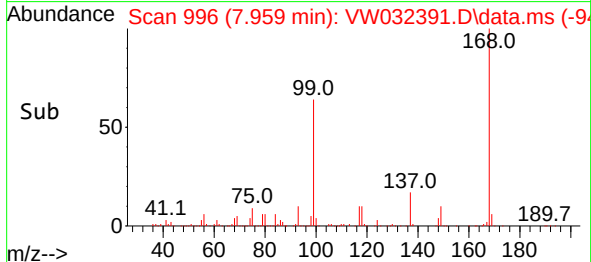
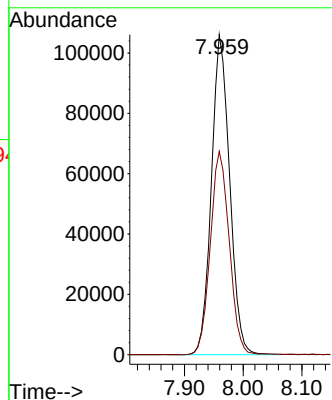
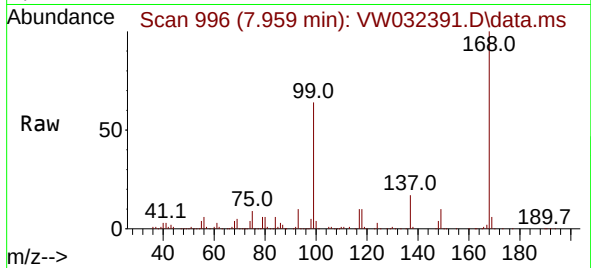




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

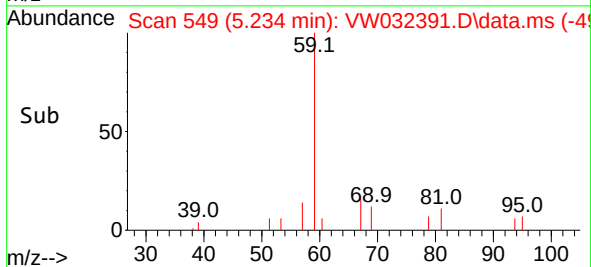
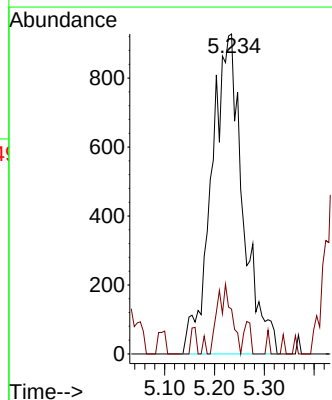
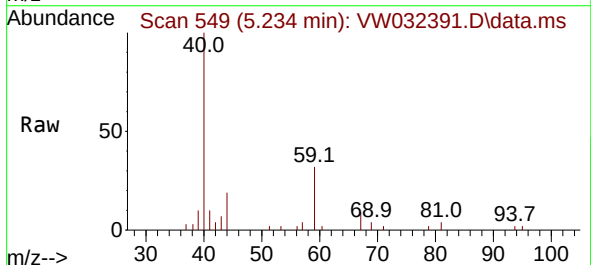
Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-047072-20251016

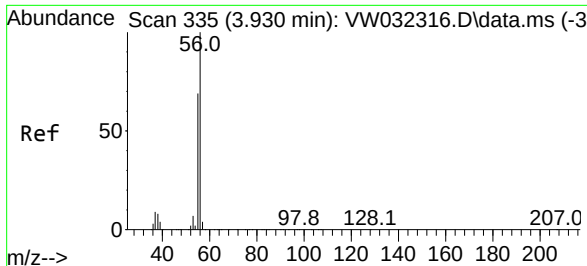
Tgt Ion:168 Resp: 228874
Ion Ratio Lower Upper
168 100
99 63.5 49.3 73.9



#11
Tert butyl alcohol
Concen: 16.147 ug/l
RT: 5.234 min Scan# 549
Delta R.T. 0.012 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion: 59 Resp: 4080
Ion Ratio Lower Upper
59 100
57 0.0 9.8 14.6#

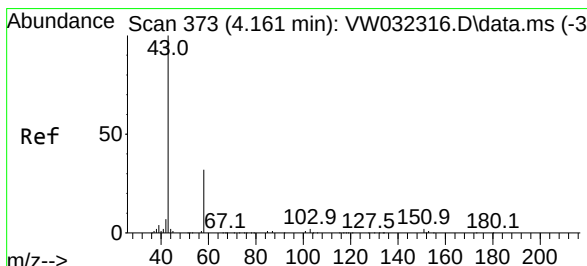
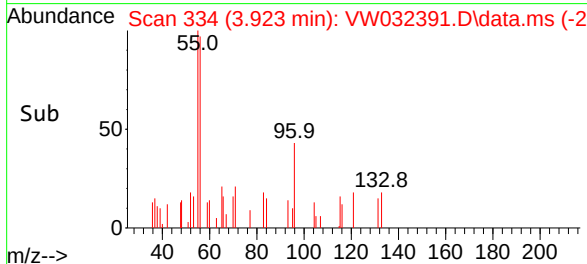
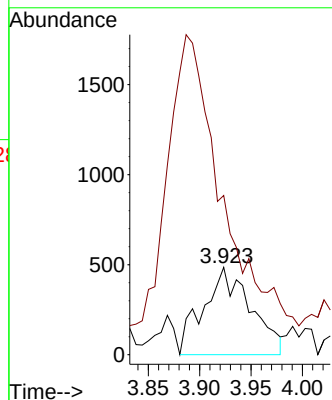
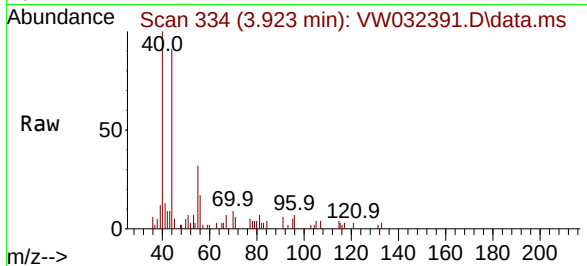




#13
Acrolein
Concen: 3.799 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

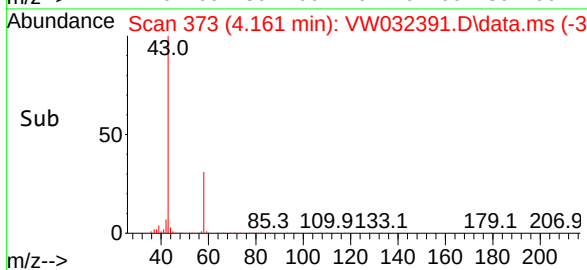
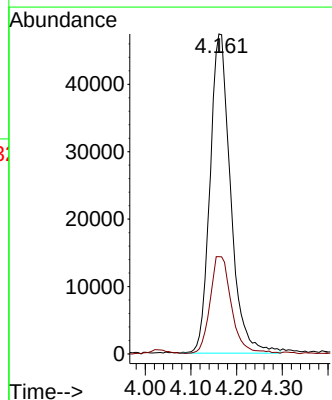
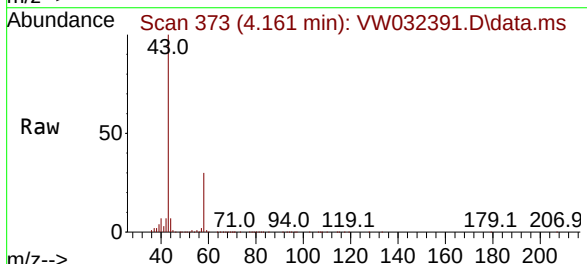
Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-047072-20251016

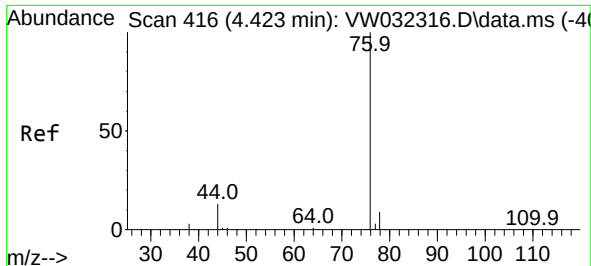
Tgt Ion: 56 Resp: 1558
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 160.155 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion: 43 Resp: 148038
Ion Ratio Lower Upper
43 100
58 30.2 25.3 37.9





#17

Carbon Disulfide

Concen: 9.874 ug/l

RT: 4.423 min Scan# 416

Delta R.T. 0.000 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

Instrument :

MSVOA_W

ClientSampleId :

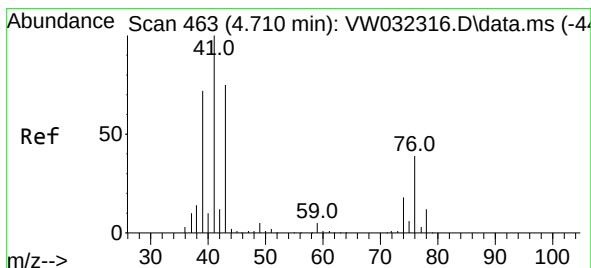
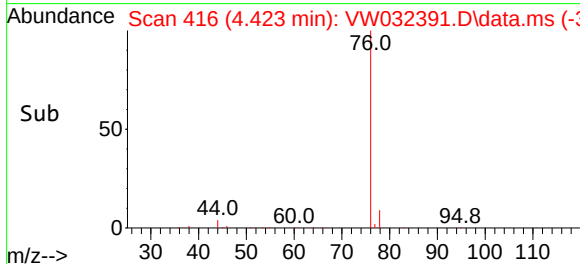
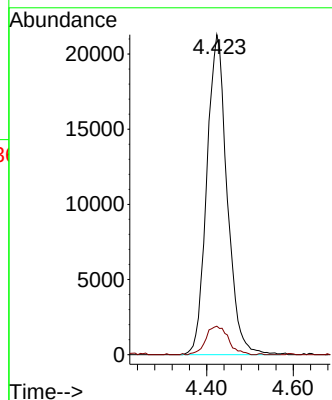
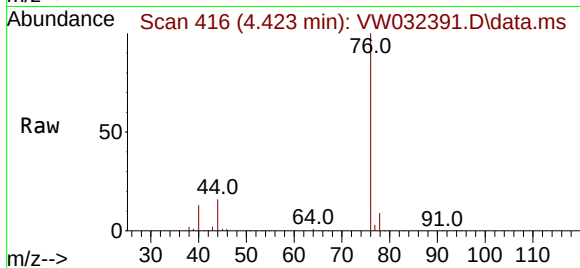
PR132-S12-047072-20251016

Tgt Ion: 76 Resp: 69495

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 2.446 ug/l

RT: 4.716 min Scan# 464

Delta R.T. 0.006 min

Lab File: VW032391.D

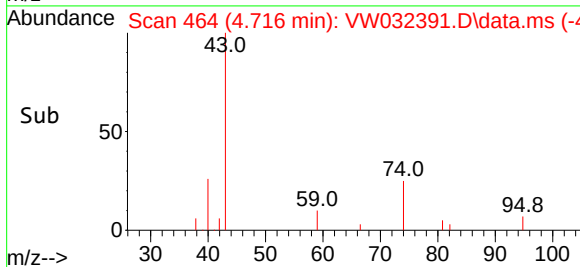
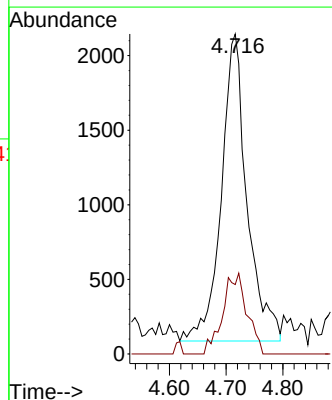
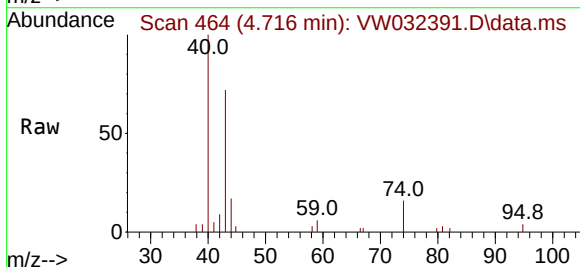
Acq: 20 Oct 2025 16:02

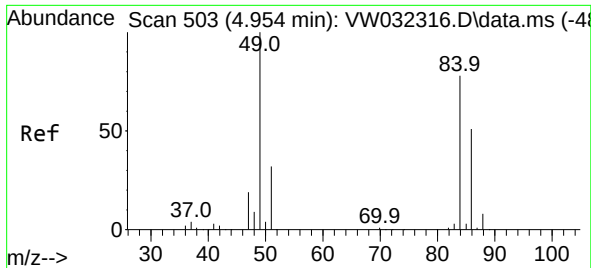
Tgt Ion: 43 Resp: 6477

Ion Ratio Lower Upper

43 100

74 24.7 20.2 30.4

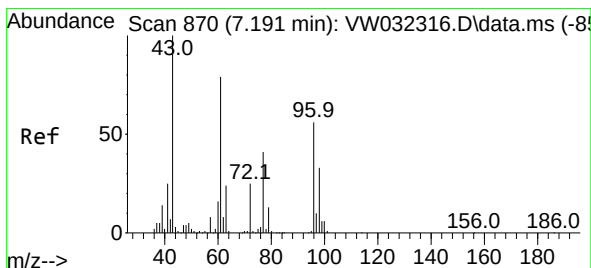
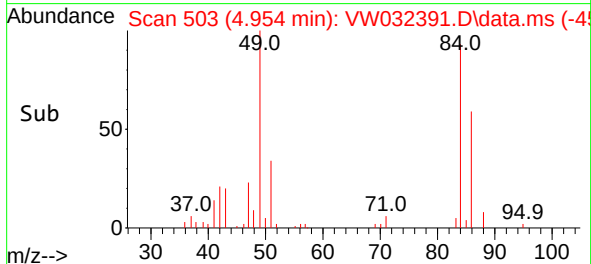
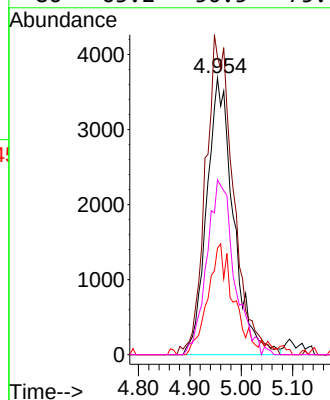
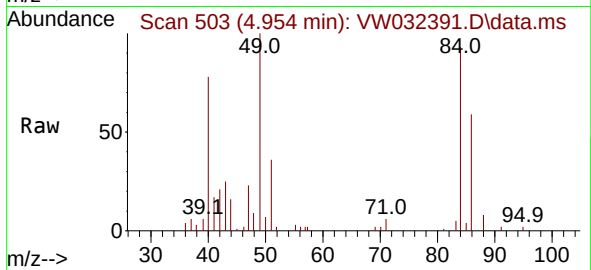




#20
Methylene Chloride
Concen: Below Cal
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

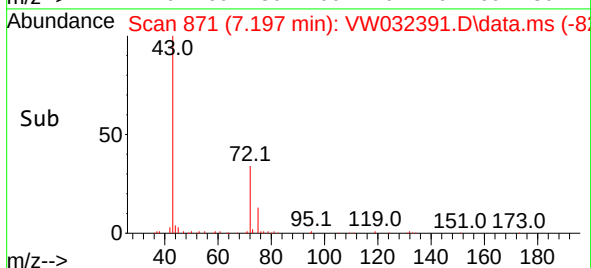
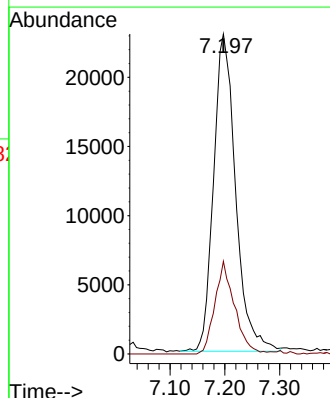
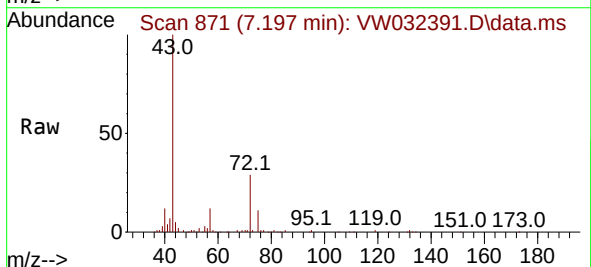
Instrument : MSVOA_W
ClientSampleId : PR132-S12-047072-20251016

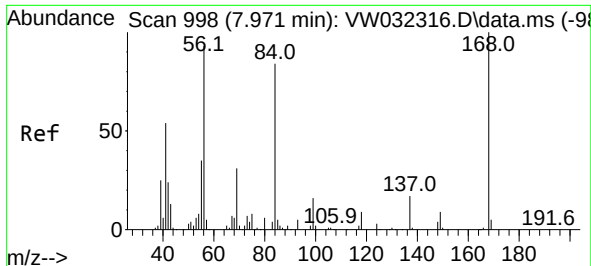
Tgt Ion:	84	Resp:	13327
Ion	Ratio	Lower	Upper
84	100		
49	107.5	92.2	138.4
51	38.5	31.0	46.6
86	63.2	50.5	75.7



#25
2-Butanone
Concen: 50.937 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion:	43	Resp:	64125
Ion	Ratio	Lower	Upper
43	100		
72	29.2	21.4	32.2

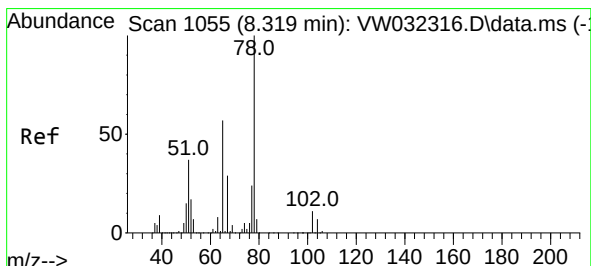
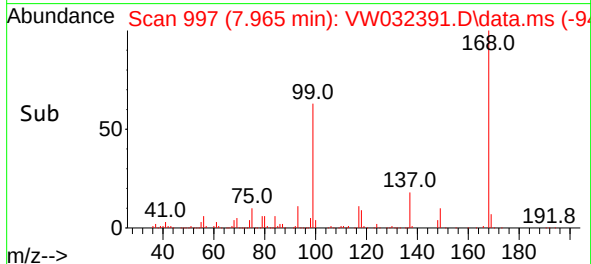
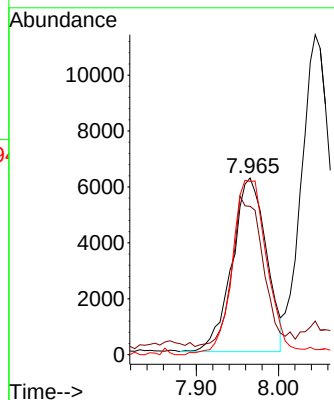
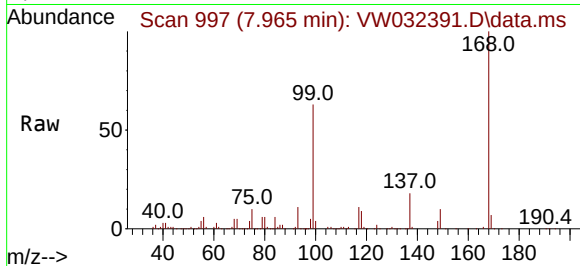




#31
Cyclohexane
Concen: 3.821 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

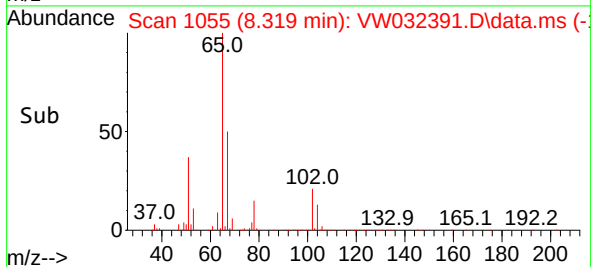
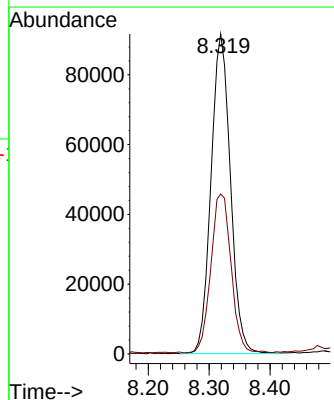
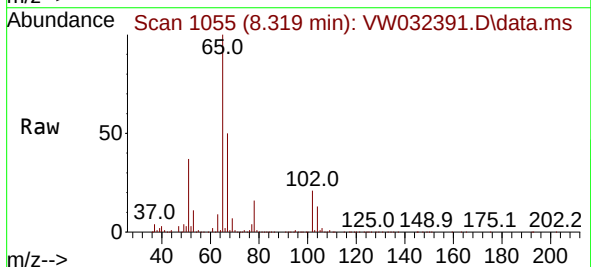
Instrument :
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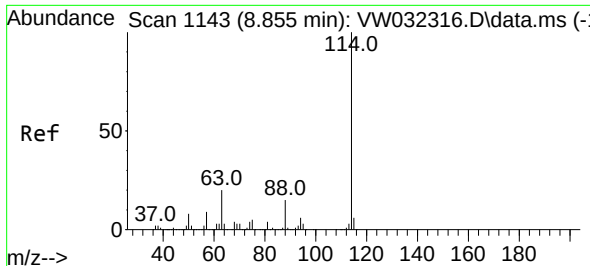
Tgt Ion: 56 Resp: 17955
Ion Ratio Lower Upper
56 100
69 79.1 27.7 41.5#
84 99.7 74.6 112.0



#33
1,2-Dichloroethane-d4
Concen: 60.615 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion: 65 Resp: 202348
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.6

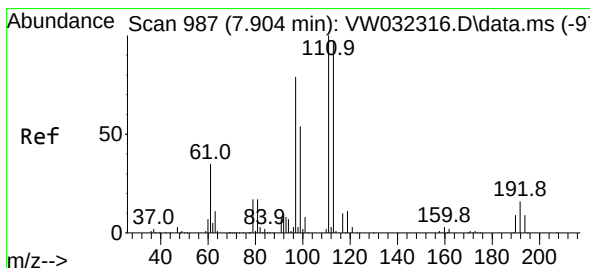
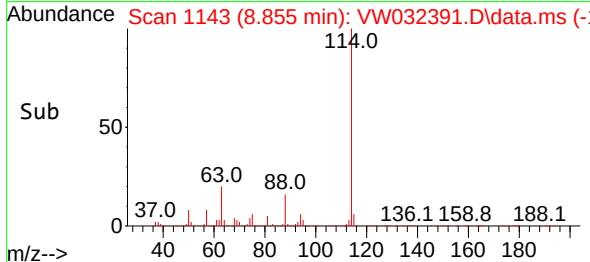
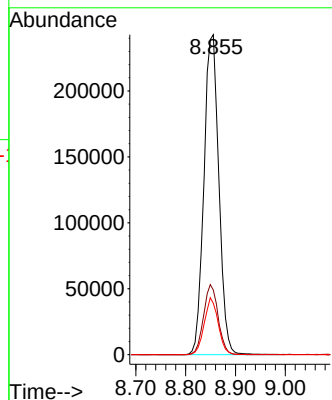
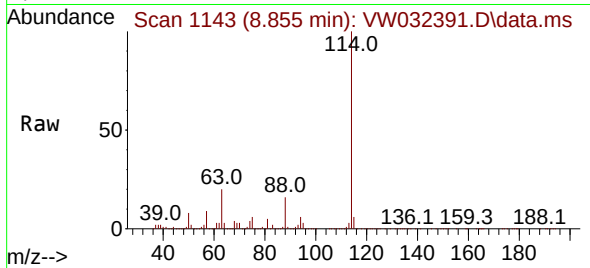




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

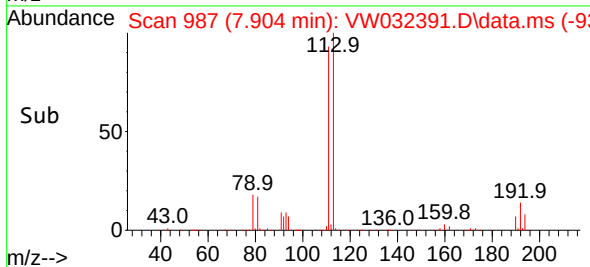
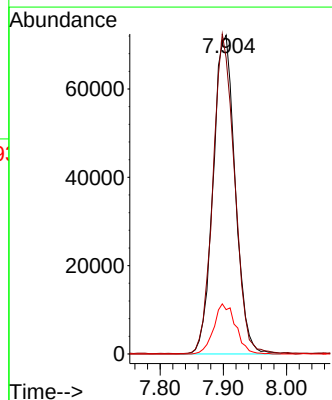
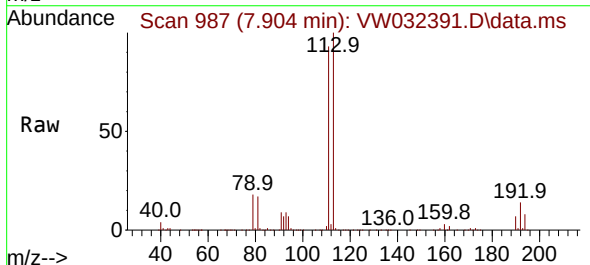
Instrument : MSVOA_W
ClientSampleId : PR132-S12-047072-20251016

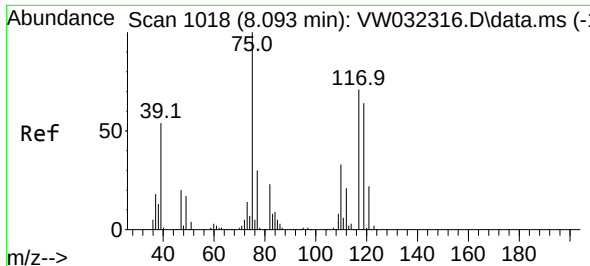
Tgt Ion:114 Resp: 504890
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.4
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 53.328 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion:113 Resp: 174367
Ion Ratio Lower Upper
113 100
111 98.3 83.9 125.9
192 15.7 14.6 21.8

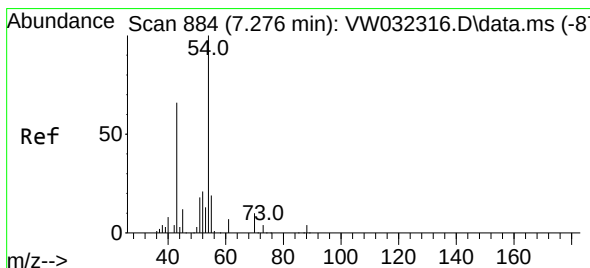
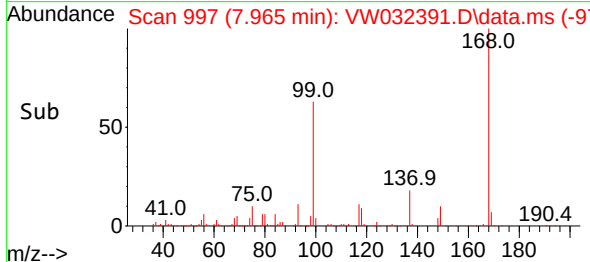
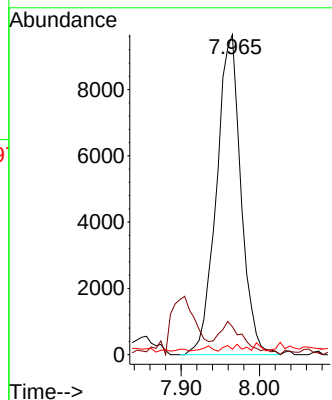
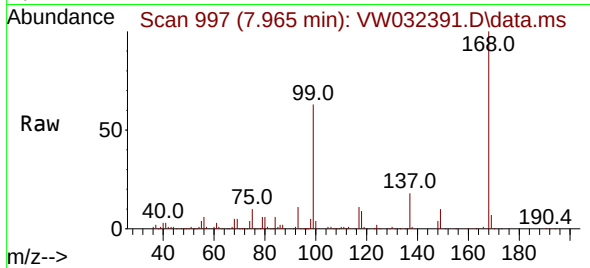




#36
 1,1-Dichloropropene
 Concen: 4.556 ug/l
 RT: 7.965 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VW032391.D
 Acq: 20 Oct 2025 16:02

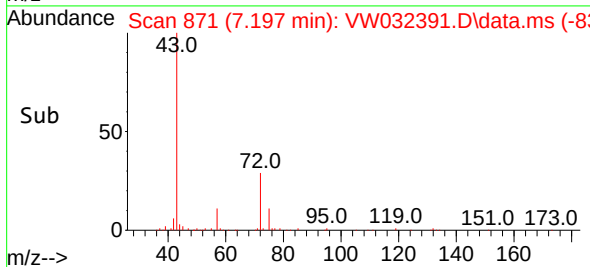
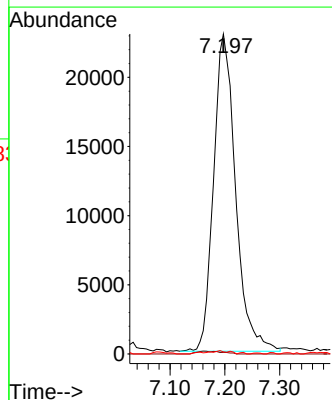
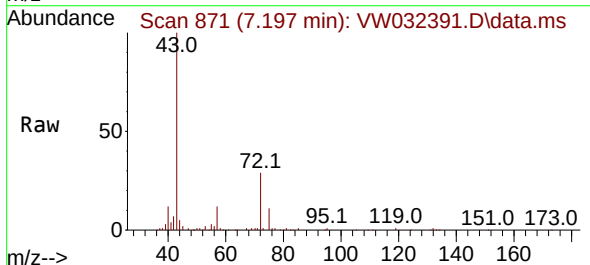
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S12-047072-20251016

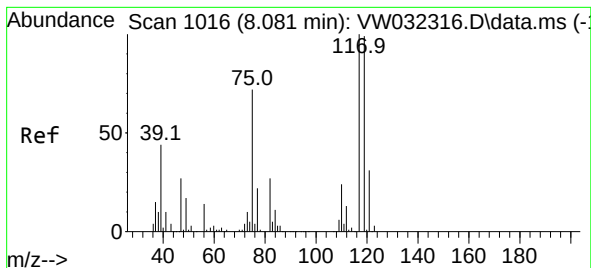
Tgt Ion: 75 Resp: 21024
 Ion Ratio Lower Upper
 75 100
 110 10.7 17.5 52.5#
 77 0.0 24.1 36.1#



#37
 Ethyl Acetate
 Concen: 20.877 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. -0.079 min
 Lab File: VW032391.D
 Acq: 20 Oct 2025 16:02

Tgt Ion: 43 Resp: 64125
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.3 16.9#
 70 0.8 8.9 13.3#





#38

Carbon Tetrachloride

Concen: 6.210 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.128 min

Lab File: VW032391.D

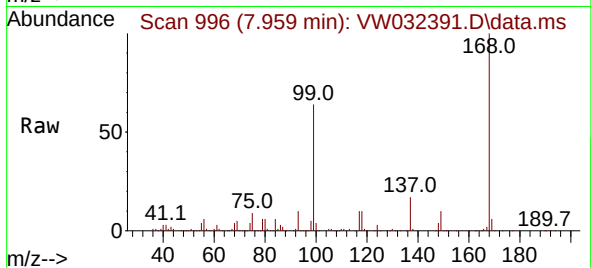
Acq: 20 Oct 2025 16:02

Instrument :

MSVOA_W

ClientSampleId :

PR132-S12-047072-20251016



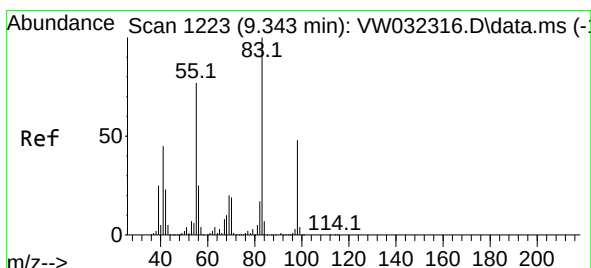
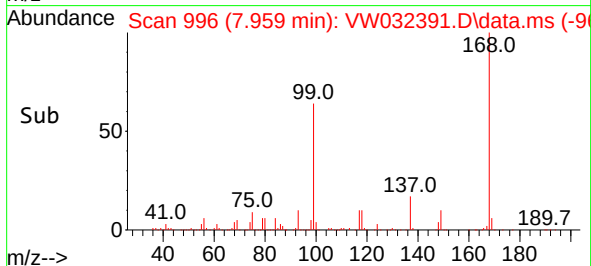
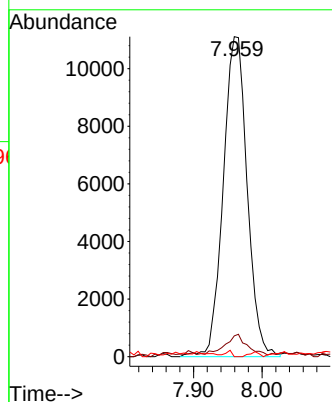
Tgt Ion:117 Resp: 26966

Ion Ratio Lower Upper

117 100

119 5.7 74.2 111.2#

121 0.0 25.6 38.4#



#39

Methylcyclohexane

Concen: 16.271 ug/l

RT: 9.343 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

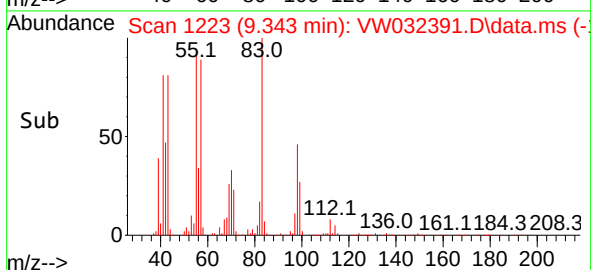
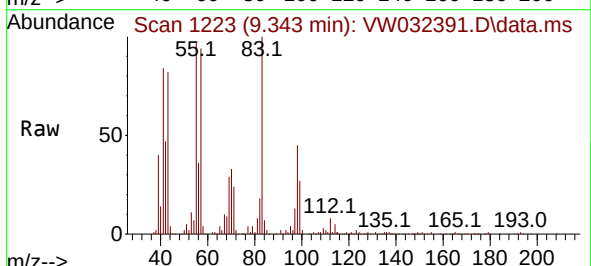
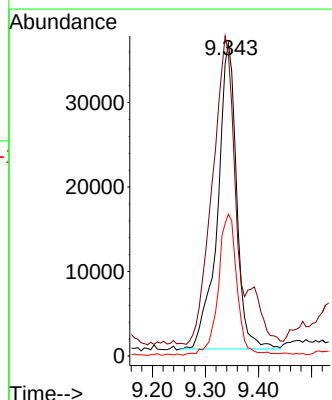
Tgt Ion: 83 Resp: 90566

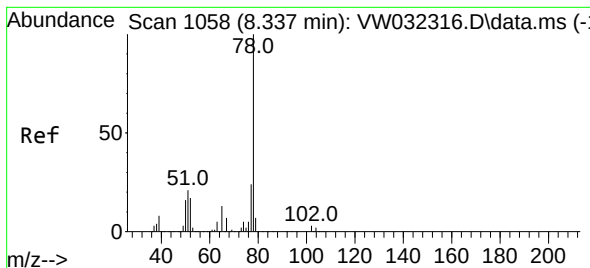
Ion Ratio Lower Upper

83 100

55 94.7 58.4 87.6#

98 45.8 39.4 59.2





#40

Benzene

Concen: 4.459 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

Instrument :

MSVOA_W

ClientSampleId :

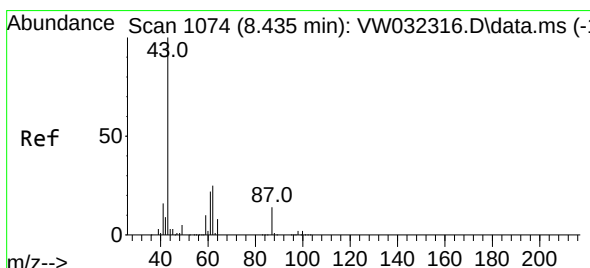
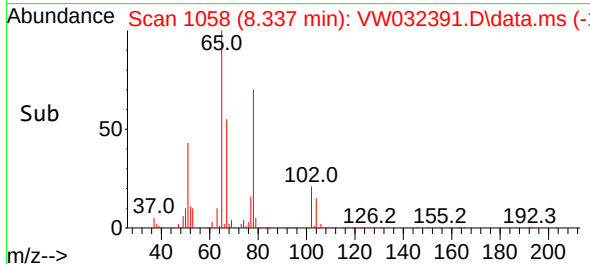
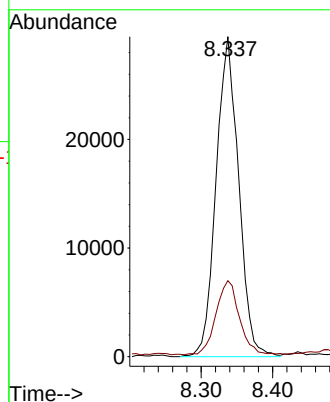
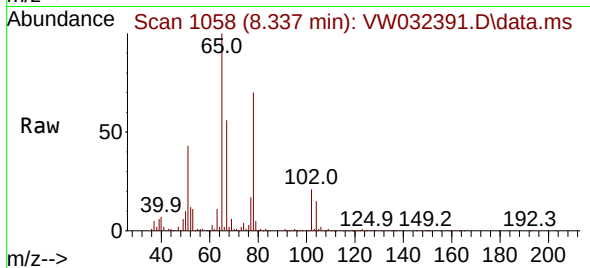
PR132-S12-047072-20251016

Tgt Ion: 78 Resp: 64494

Ion Ratio Lower Upper

78 100

77 23.0 20.7 31.1



#43

Isopropyl Acetate

Concen: 1.951 ug/l

RT: 8.429 min Scan# 1073

Delta R.T. -0.006 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

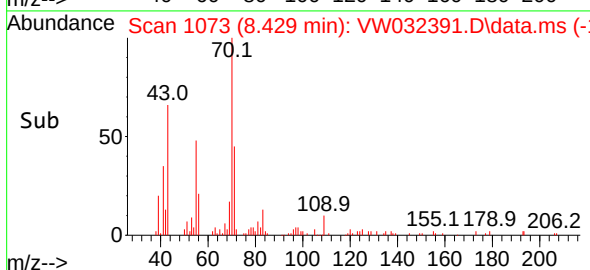
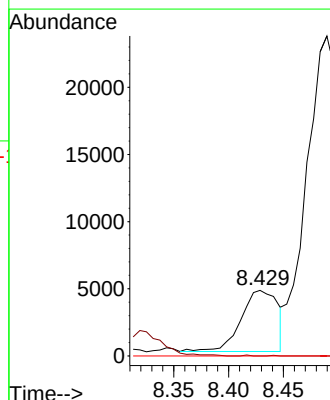
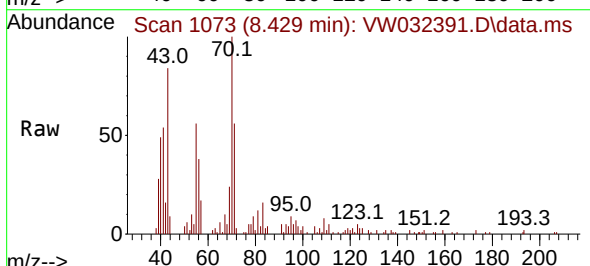
Tgt Ion: 43 Resp: 10632

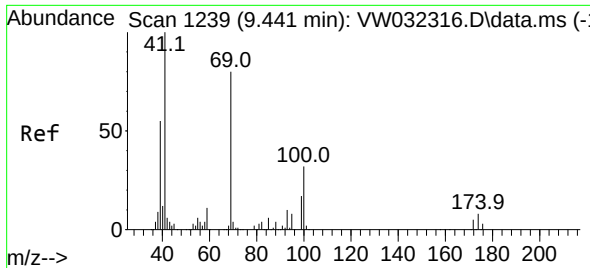
Ion Ratio Lower Upper

43 100

61 0.0 23.3 34.9#

87 0.0 11.1 16.7#





#48

Methyl methacrylate

Concen: 3.149 ug/l

RT: 9.483 min Scan# 1246

Delta R.T. 0.043 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

Instrument :

MSVOA_W

ClientSampleId :

PR132-S12-047072-20251016

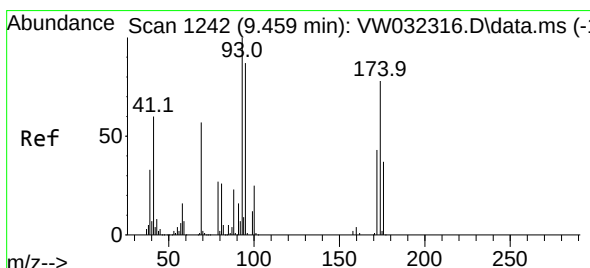
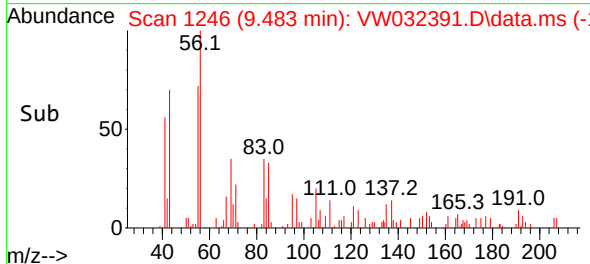
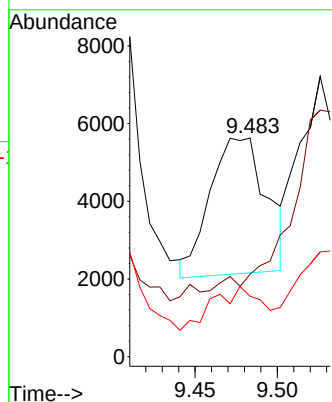
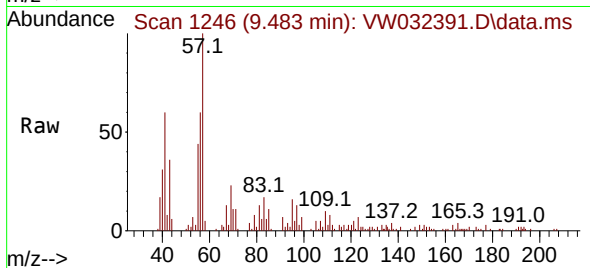
Tgt Ion: 41 Resp: 8342

Ion Ratio Lower Upper

41 100

69 0.0 71.5 107.3#

39 28.0 55.9 83.9#



#49

1,4-Dioxane

Concen: 1.516 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.012 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

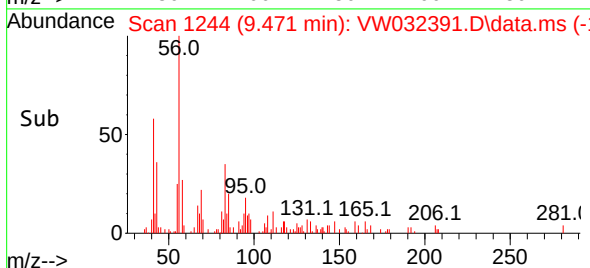
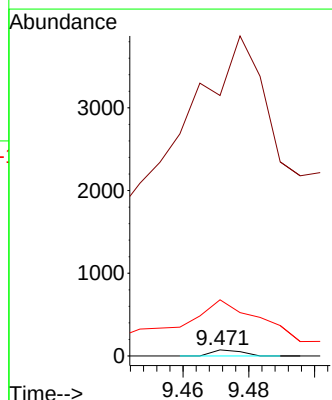
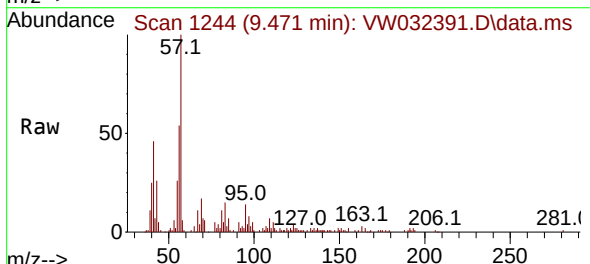
Tgt Ion: 88 Resp: 46

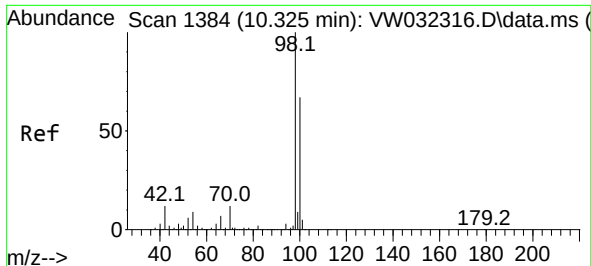
Ion Ratio Lower Upper

88 100

43 13865.2 18.0 27.0#

58 2441.3 55.4 83.0#

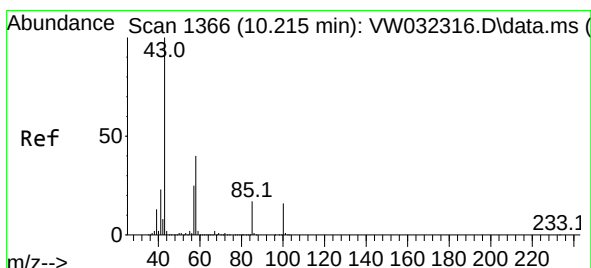
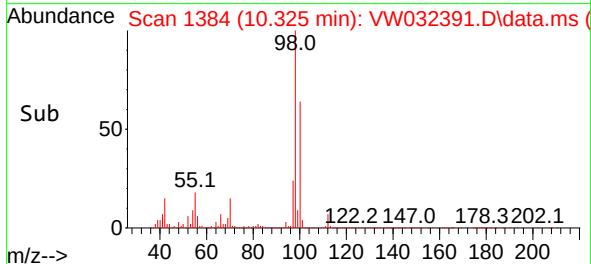
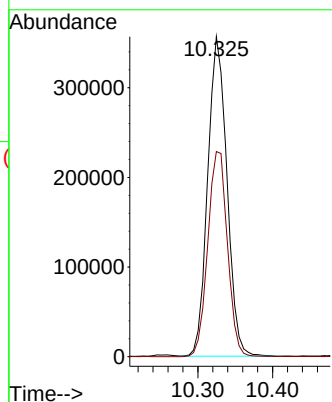
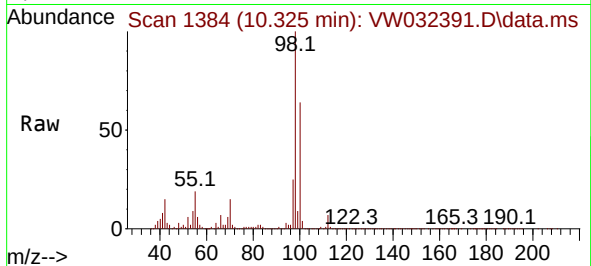




#50
Toluene-d8
Concen: 52.702 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

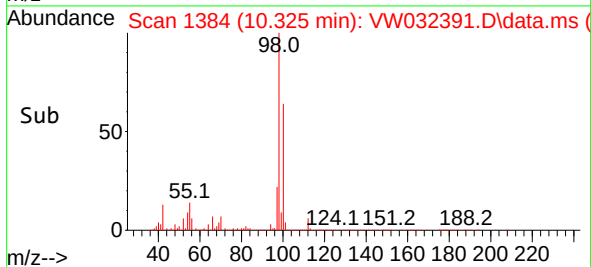
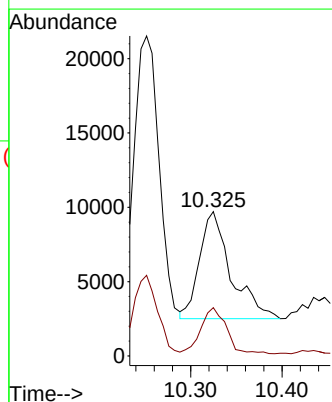
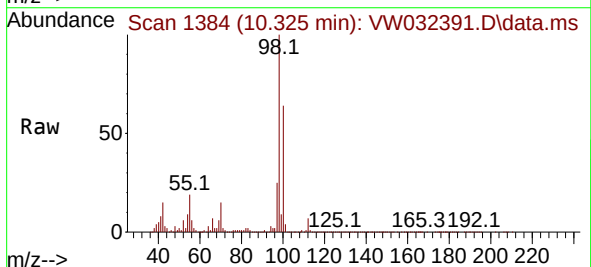
Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-047072-20251016

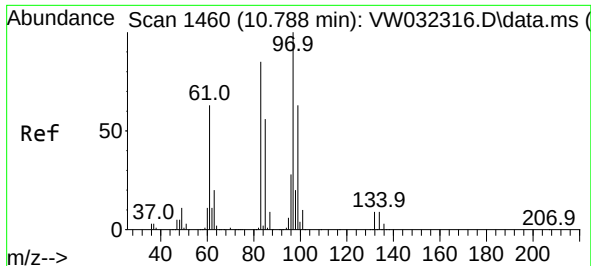
Tgt Ion: 98 Resp: 636003
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 5.468 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.110 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion: 43 Resp: 17256
Ion Ratio Lower Upper
43 100
58 35.2 32.0 48.0

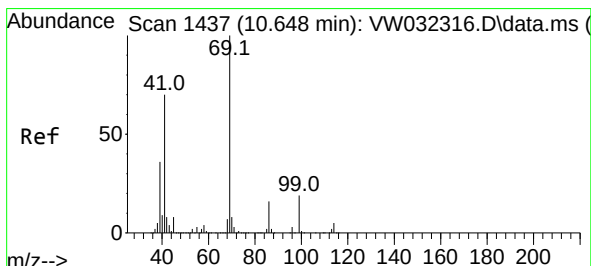
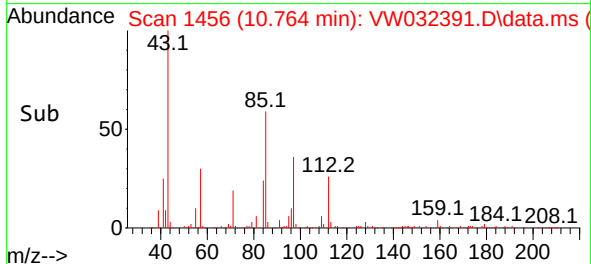
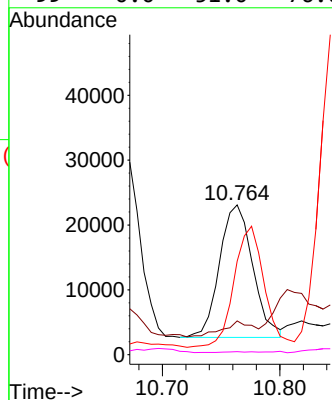
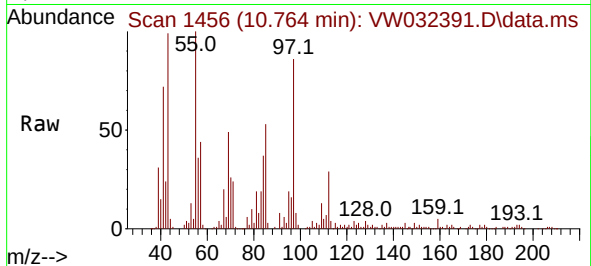




#55
1,1,2-Trichloroethane
Concen: 13.501 ug/l
RT: 10.764 min Scan# 1440
Delta R.T. -0.024 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

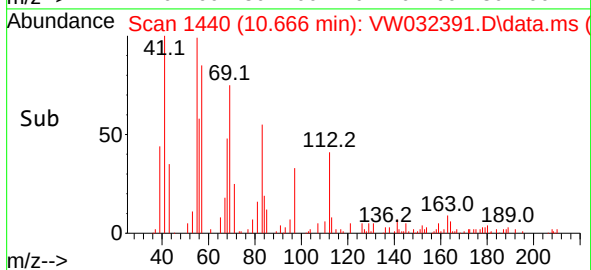
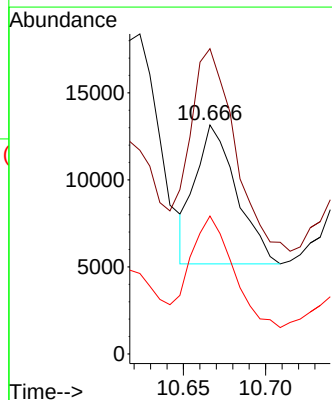
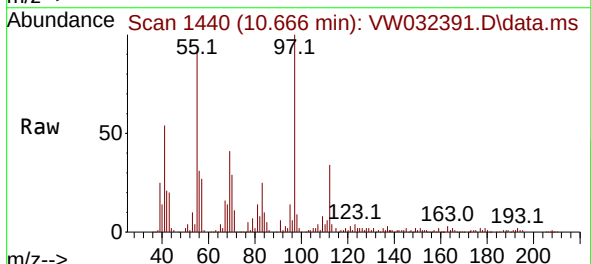
Instrument : MSVOA_W
ClientSampleId : PR132-S12-047072-20251016

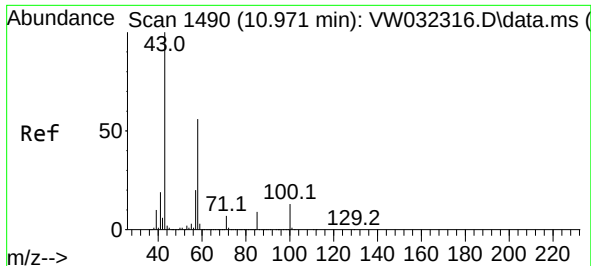
Tgt Ion:	97	Resp:	40059
Ion	Ratio	Lower	Upper
97	100		
83	10.5	71.0	106.6#
85	64.0	42.8	64.2
99	0.0	51.0	76.6#



#56
Ethyl methacrylate
Concen: 3.345 ug/l
RT: 10.666 min Scan# 1440
Delta R.T. 0.018 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion:	69	Resp:	13891
Ion	Ratio	Lower	Upper
69	100		
41	157.8	53.2	79.8#
39	82.8	32.9	49.3#

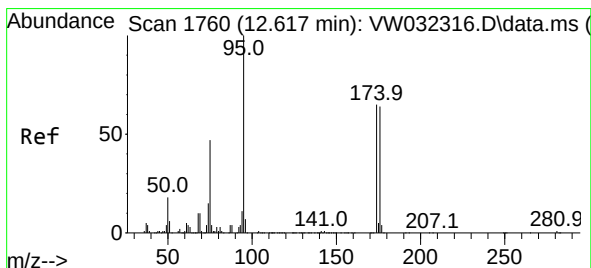
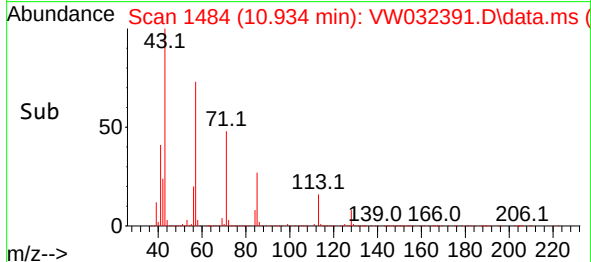
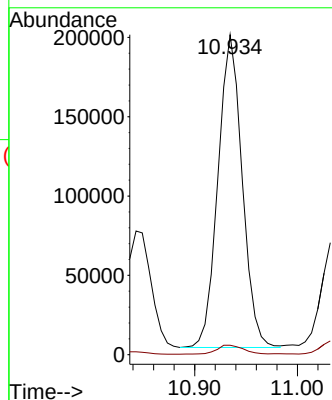
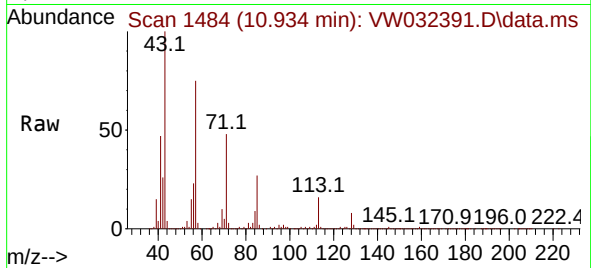




#59
2-Hexanone
Concen: 144.698 ug/l
RT: 10.934 min Scan# 1490
Delta R.T. -0.037 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

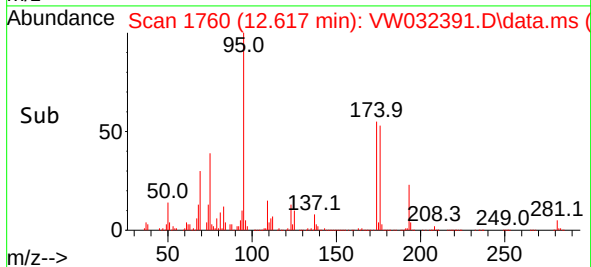
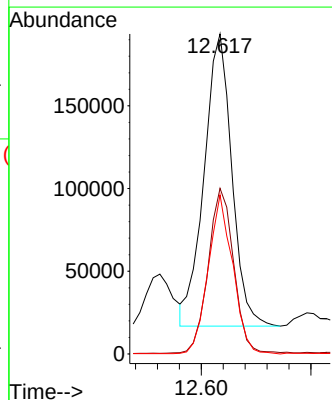
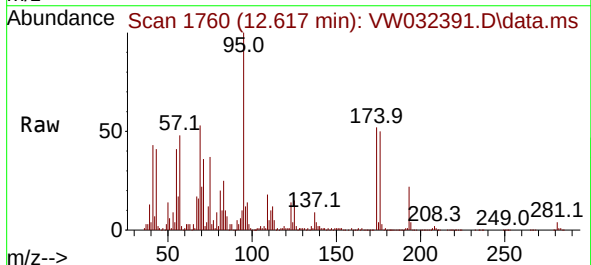
Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-047072-20251016

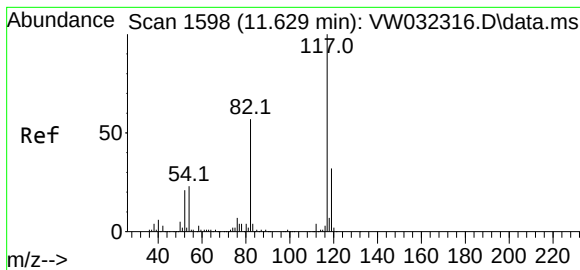
Tgt Ion: 43 Resp: 322073
Ion Ratio Lower Upper
43 100
58 3.3 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 68.130 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion: 95 Resp: 310757
Ion Ratio Lower Upper
95 100
174 52.1 0.0 145.6
176 48.0 0.0 140.8

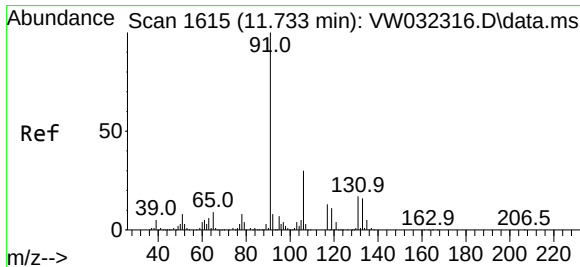
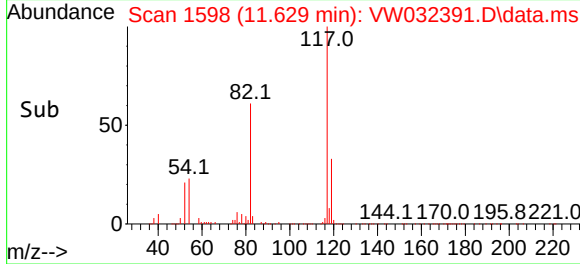
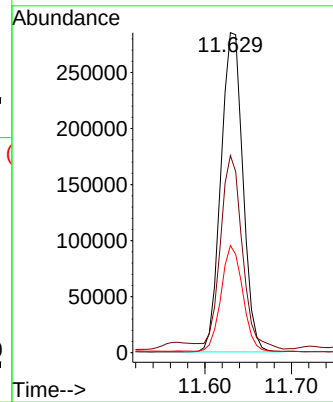
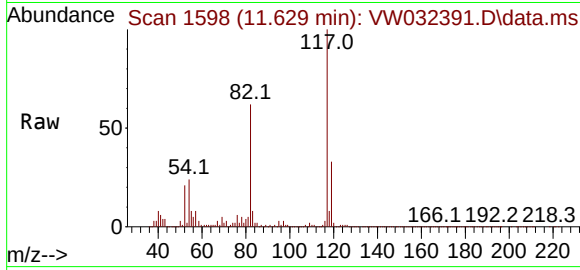




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

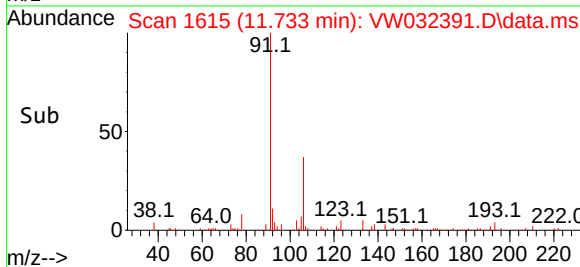
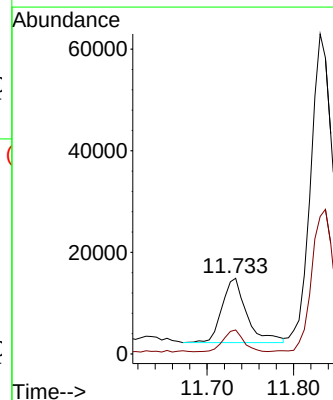
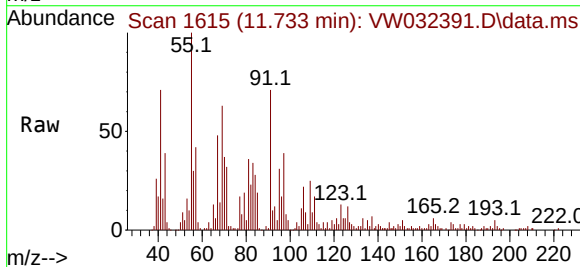
Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-047072-20251016

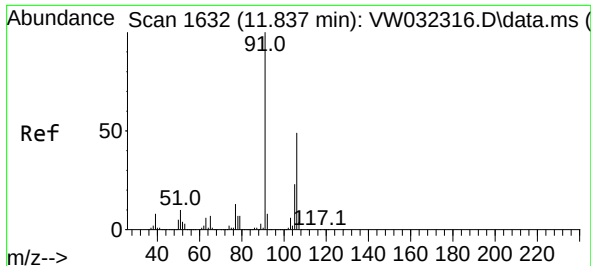
Tgt Ion:117 Resp: 502710
Ion Ratio Lower Upper
117 100
82 60.6 42.7 64.1
119 33.1 25.2 37.8



#67
Ethyl Benzene
Concen: 1.355 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion: 91 Resp: 24990
Ion Ratio Lower Upper
91 100
106 32.4 25.3 37.9

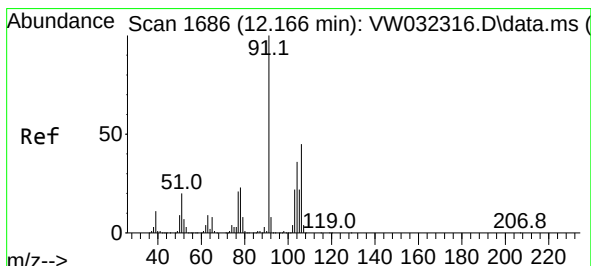
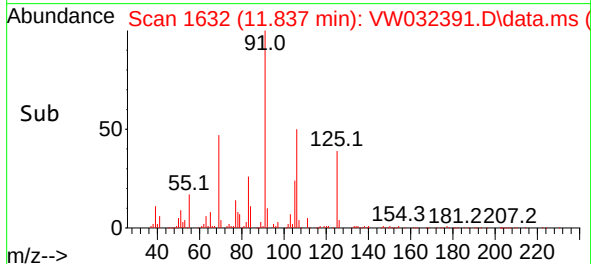
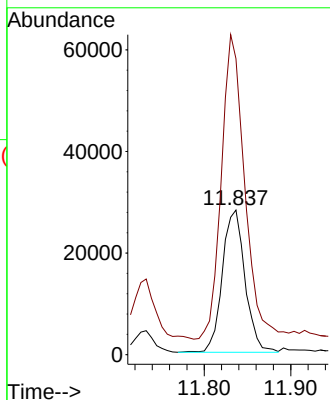
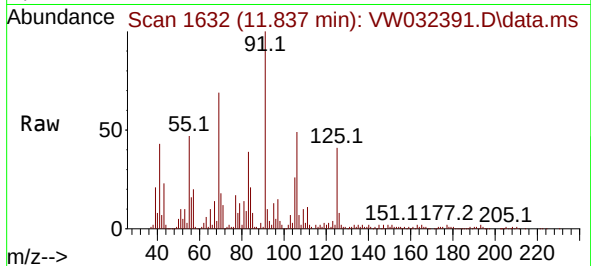




#68
m/p-Xylenes
Concen: 7.183 ug/l
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

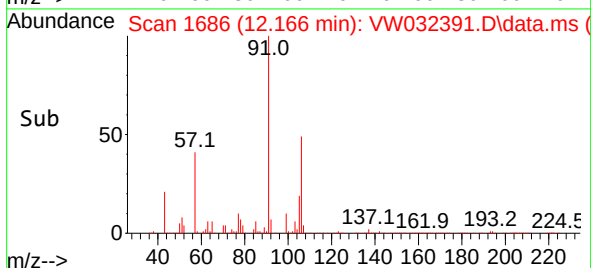
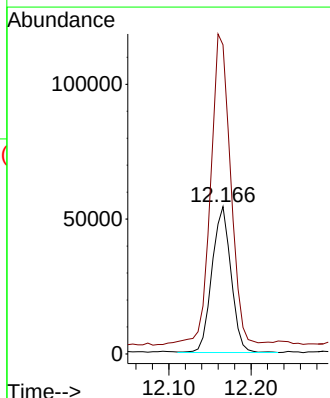
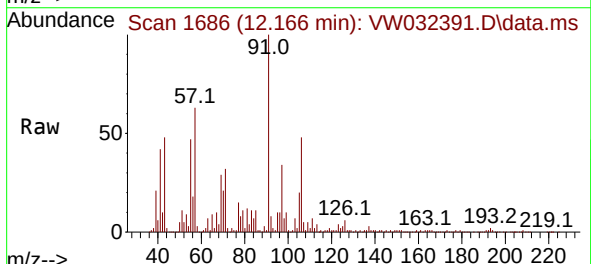
Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-047072-20251016

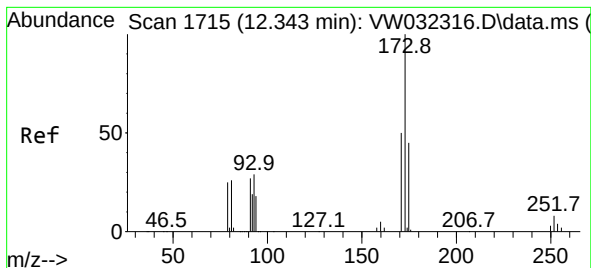
Tgt Ion:106 Resp: 51068
Ion Ratio Lower Upper
106 100
91 220.6 164.2 246.2



#69
o-Xylene
Concen: 13.076 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion:106 Resp: 86936
Ion Ratio Lower Upper
106 100
91 222.8 108.7 326.3





#71

Bromoform

Concen: 2.166 ug/l

RT: 12.294 min Scan# 1715

Delta R.T. -0.055 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

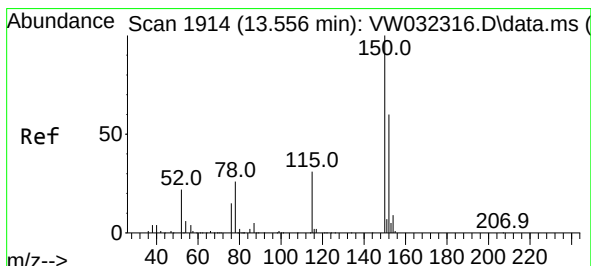
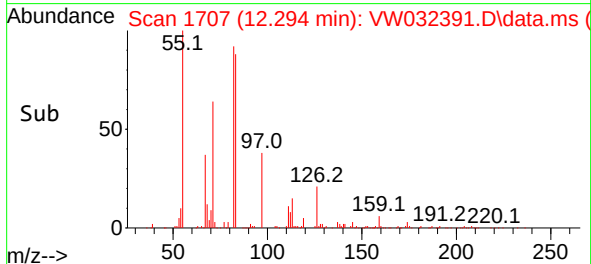
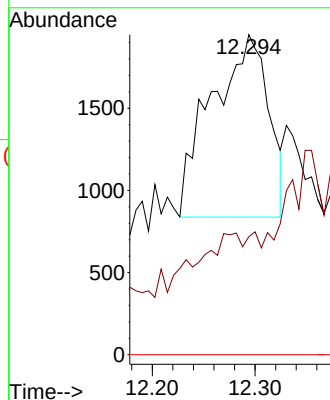
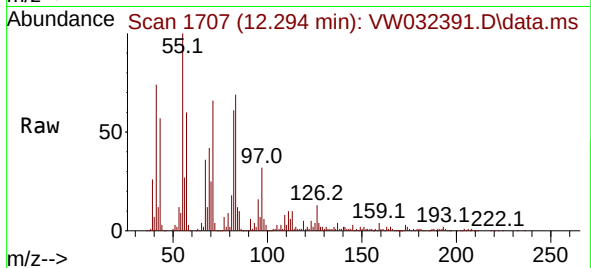
Instrument :

MSVOA_W

ClientSampleId :

PR132-S12-047072-20251016

Tgt Ion:173	Resp:	4277
Ion Ratio	Lower	Upper
173	100	
175	29.2	24.9 74.7
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

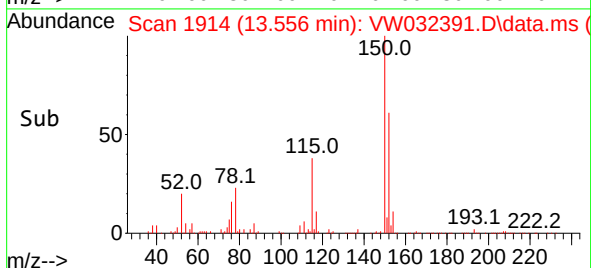
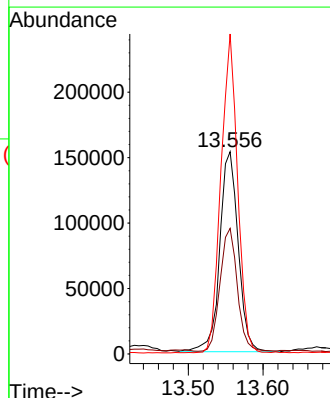
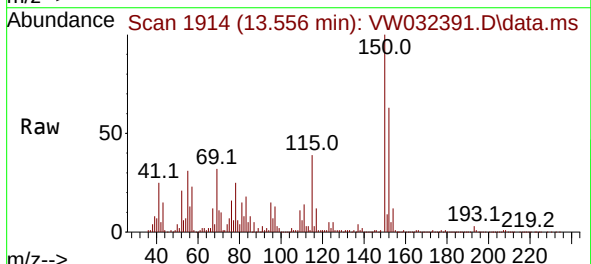
RT: 13.556 min Scan# 1914

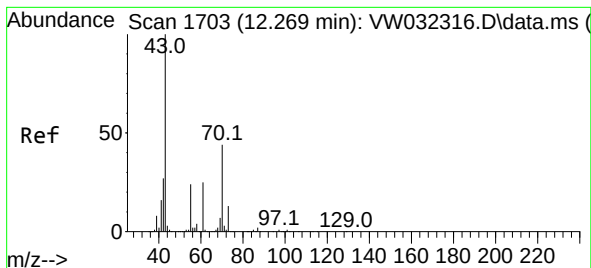
Delta R.T. 0.000 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

Tgt Ion:152	Resp:	262504
Ion Ratio	Lower	Upper
152	100	
115	57.4	31.8 95.4
150	144.2	0.0 343.0





#74

N-amy1 acetate

Concen: 76.584 ug/l

RT: 12.251 min Scan# 1

Delta R.T. -0.018 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

Instrument :

MSVOA_W

ClientSampleId :

PR132-S12-047072-20251016

Tgt Ion: 43 Resp: 438771

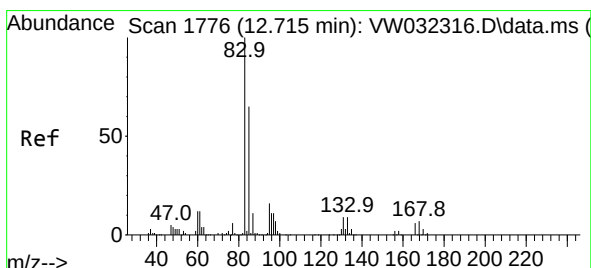
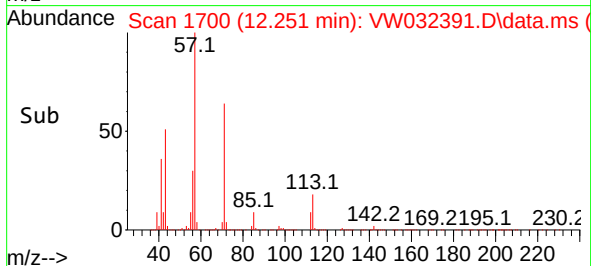
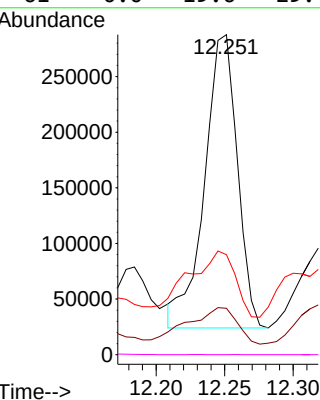
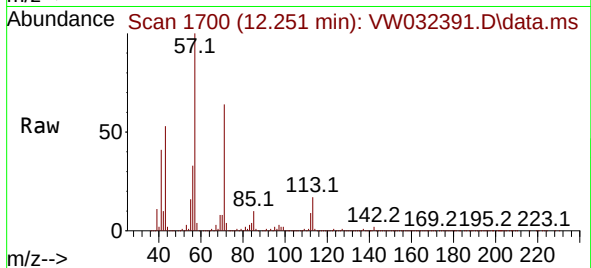
Ion Ratio Lower Upper

43 100

70 19.2 35.3 52.9#

55 38.1 19.9 29.9#

61 0.0 19.6 29.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 6.360 ug/l

RT: 12.684 min Scan# 1771

Delta R.T. -0.030 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

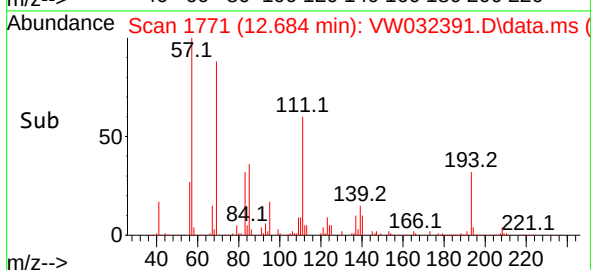
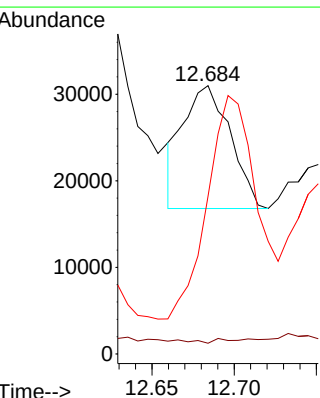
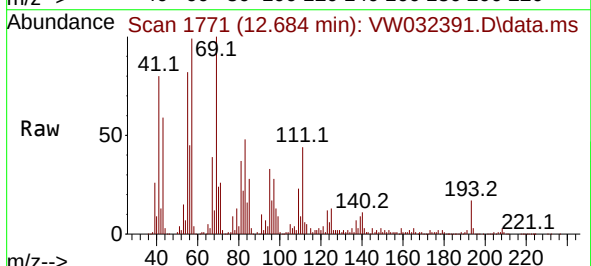
Tgt Ion: 83 Resp: 28363

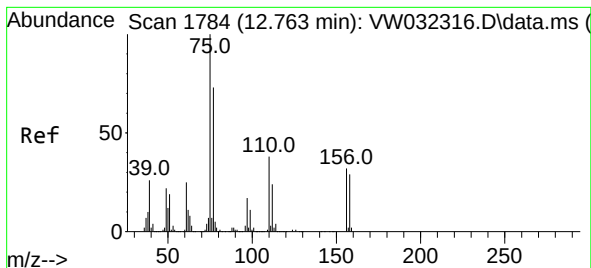
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

85 190.4 32.2 96.6#





#76

1,2,3-Trichloropropane

Concen: 34.043 ug/l

RT: 12.617 min Scan# 1

Delta R.T. -0.146 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

Instrument :

MSVOA_W

ClientSampleId :

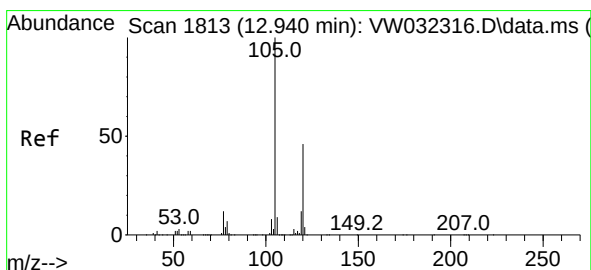
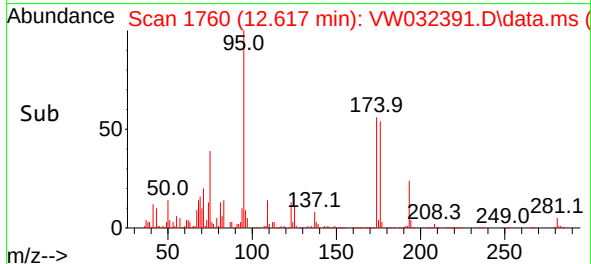
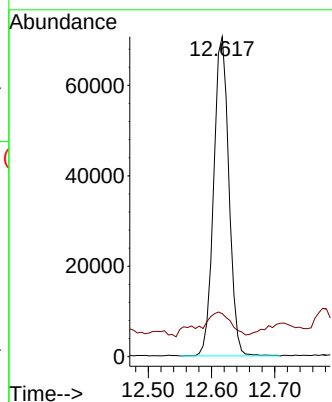
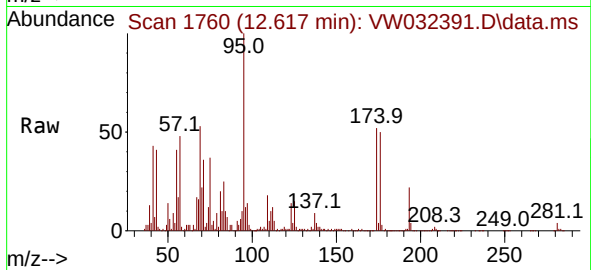
PR132-S12-047072-20251016

Tgt Ion: 75 Resp: 117598

Ion Ratio Lower Upper

75 100

77 9.9 141.7 425.1#



#80

1,3,5-Trimethylbenzene

Concen: 3.178 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032391.D

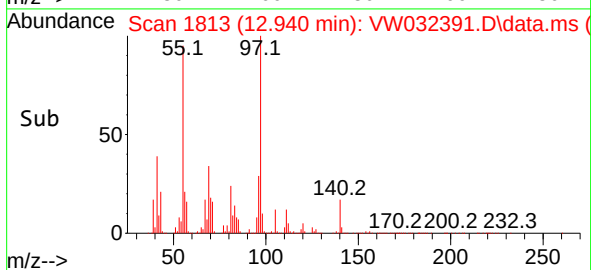
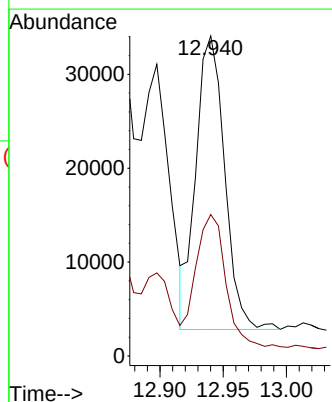
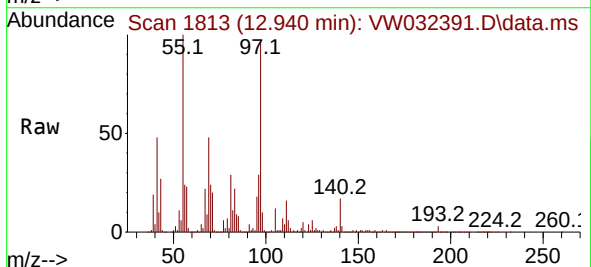
Acq: 20 Oct 2025 16:02

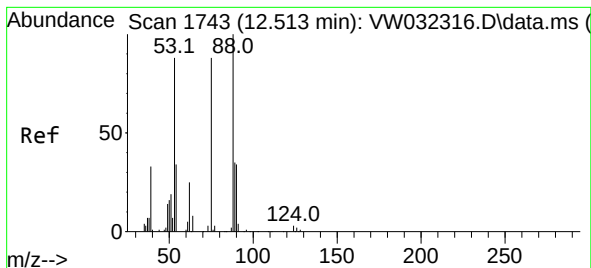
Tgt Ion:105 Resp: 49348

Ion Ratio Lower Upper

105 100

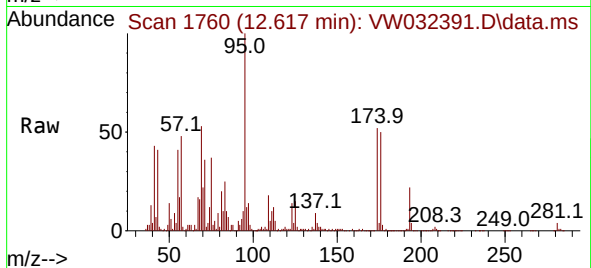
120 47.7 24.8 74.4



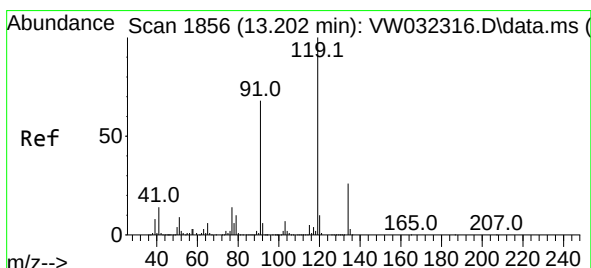
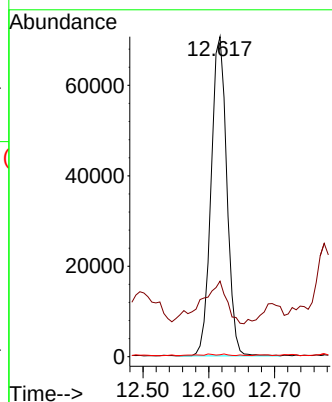
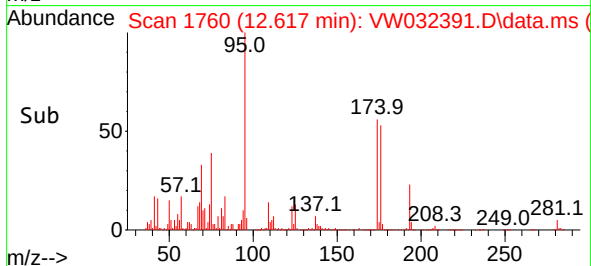


#81
trans-1,4-Dichloro-2-butene
Concen: 86.140 ug/l
RT: 12.617 min Scan# 117462
Delta R.T. 0.104 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-047072-20251016

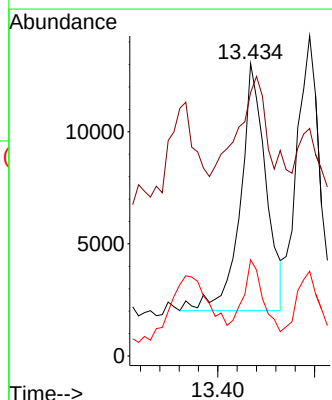
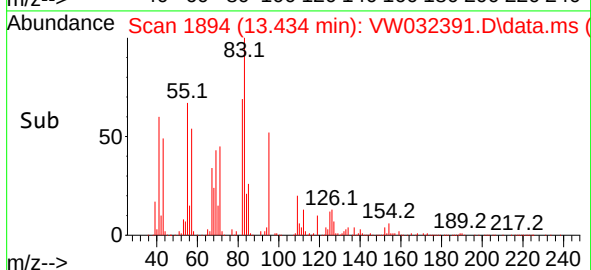
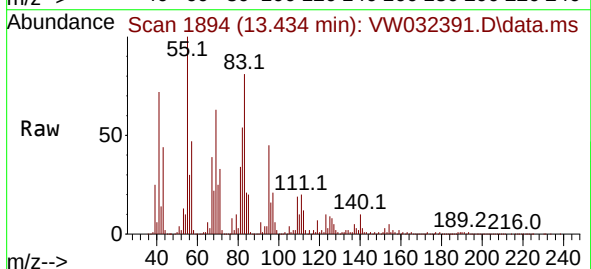


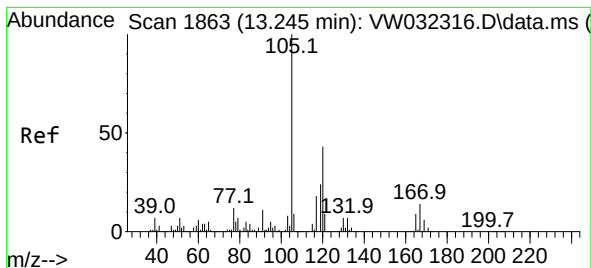
Tgt Ion: 75 Resp: 117462
Ion Ratio Lower Upper
75 100
53 21.7 91.0 136.6#
89 0.2 39.4 59.2#



#83
tert-Butylbenzene
Concen: 1.589 ug/l
RT: 13.434 min Scan# 1894
Delta R.T. 0.232 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion: 119 Resp: 20243
Ion Ratio Lower Upper
119 100
91 45.9 33.8 101.3
134 23.4 12.5 37.5





#84

1,2,4-Trimethylbenzene

Concen: 6.240 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032391.D

Acq: 20 Oct 2025 16:02

Instrument :

MSVOA_W

ClientSampleId :

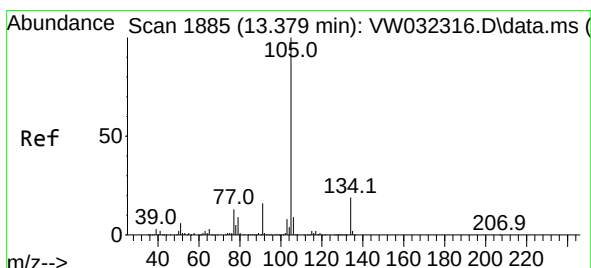
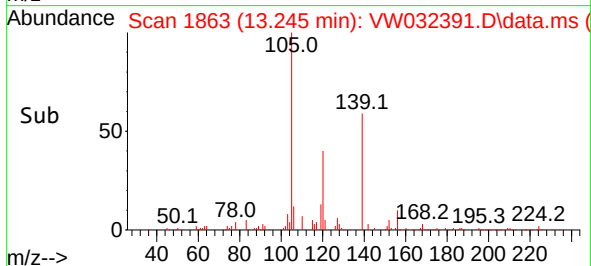
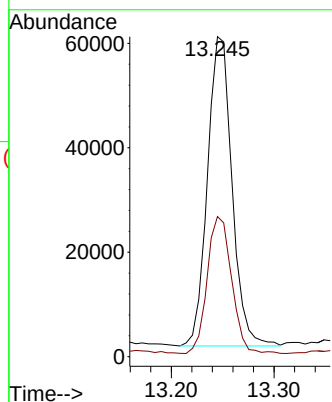
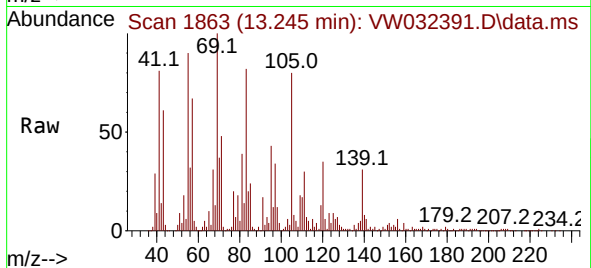
PR132-S12-047072-20251016

Tgt Ion:105 Resp: 98535

Ion Ratio Lower Upper

105 100

120 44.0 22.1 66.3



#85

sec-Butylbenzene

Concen: 1.178 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032391.D

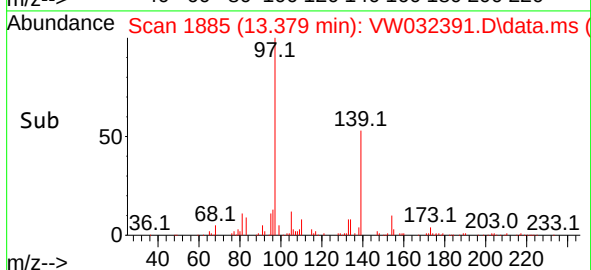
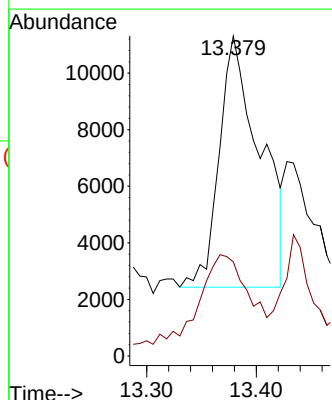
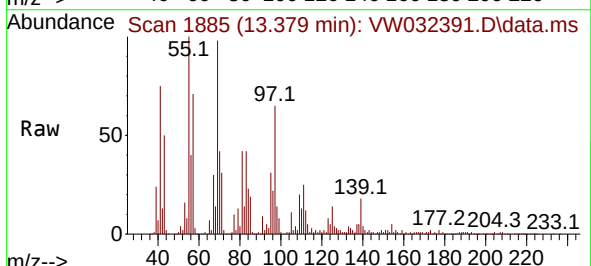
Acq: 20 Oct 2025 16:02

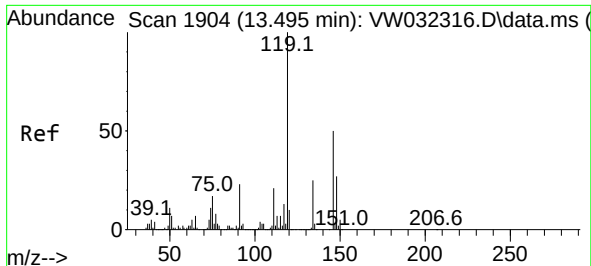
Tgt Ion:105 Resp: 22931

Ion Ratio Lower Upper

105 100

134 42.7 10.1 30.1#

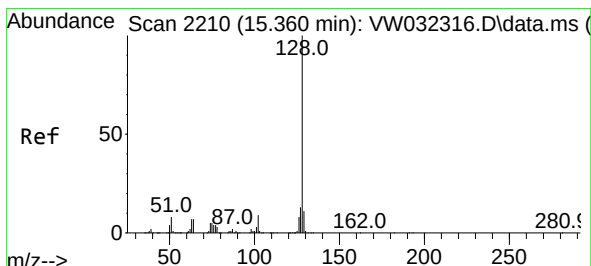
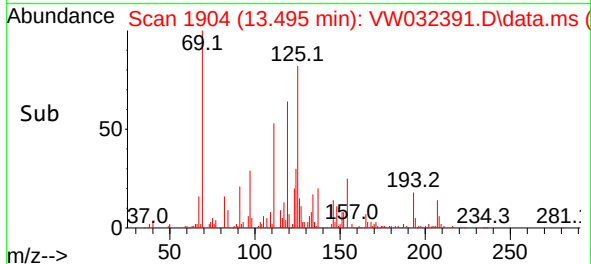
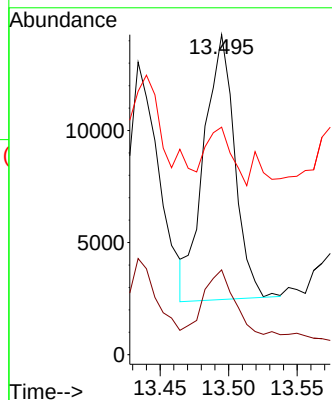
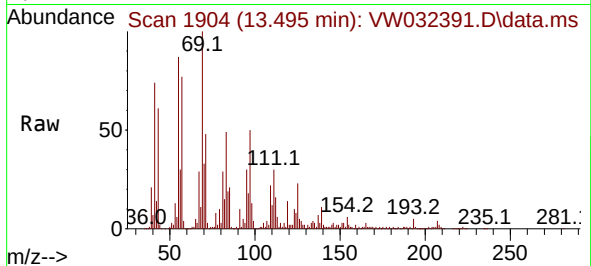




#86
p-Isopropyltoluene
Concen: 1.143 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-047072-20251016

Tgt Ion:119 Resp: 18469
Ion Ratio Lower Upper
119 100
134 42.7 12.6 37.6#
91 19.0 12.4 37.0



#95
Naphthalene
Concen: 9.790 ug/l
RT: 15.354 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VW032391.D
Acq: 20 Oct 2025 16:02

Tgt Ion:128 Resp: 111723
Ion Ratio Lower Upper
128 100
127 14.6 10.6 16.0
129 12.2 8.4 12.6

