

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032166.D
 Acq On : 15 Sep 2025 10:18
 Operator : SY/MD
 Sample : VW0915SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:32:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

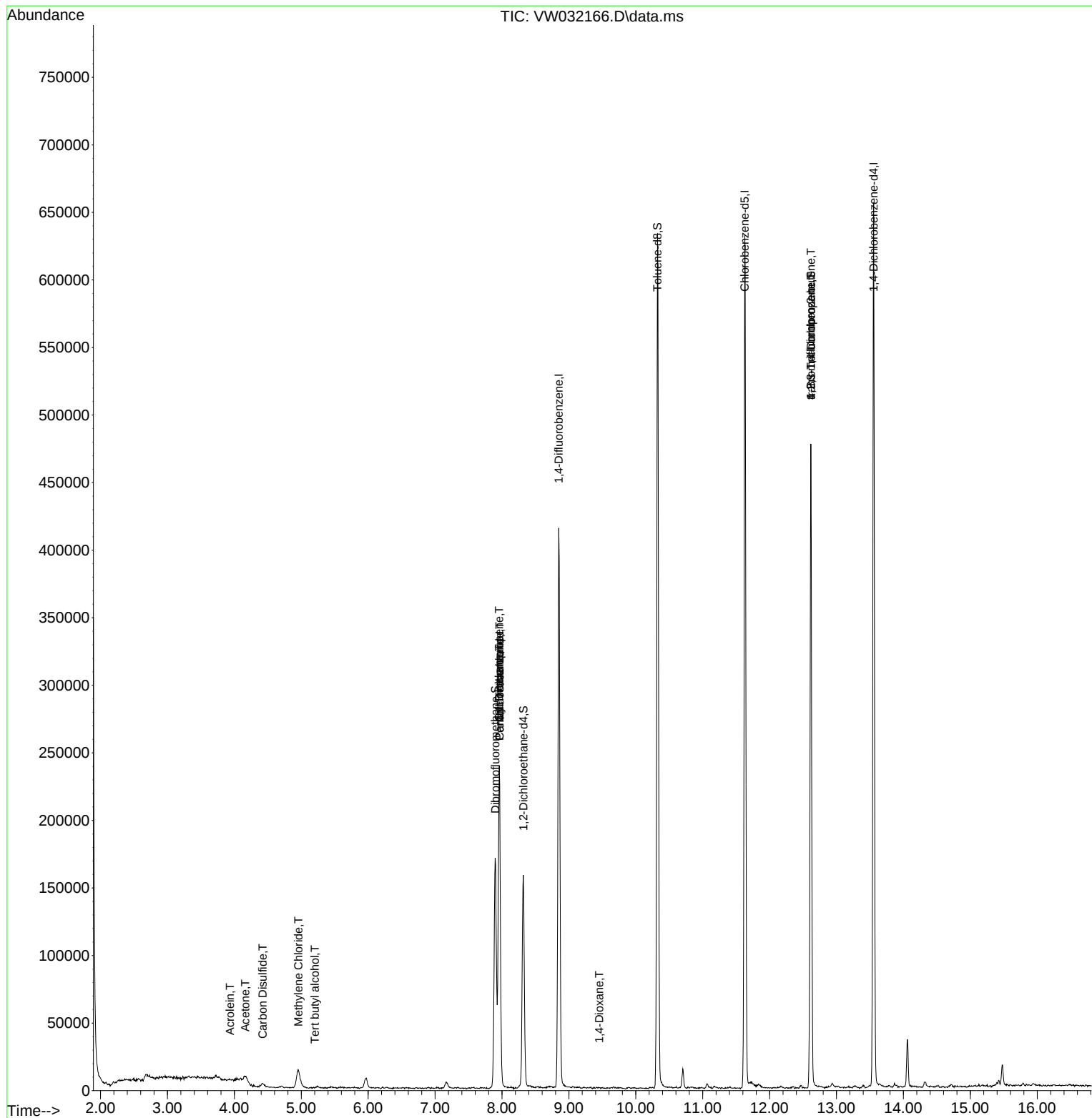
Internal Standards						
1) Pentafluorobenzene	7.965	168	161635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	342419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	339175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	166622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	132285	57.227	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 114.460%		
35) Dibromofluoromethane	7.898	113	122957	51.181	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 102.360%		
50) Toluene-d8	10.325	98	408510	48.439	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 96.880%		
62) 4-Bromofluorobenzene	12.617	95	150975	48.411	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 96.820%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.204	59	381	2.695	ug/l #	82
13) Acrolein	3.935	56	292	1.343	ug/l #	14
16) Acetone	4.161	43	3682	7.355	ug/l	95
17) Carbon Disulfide	4.423	76	4773	1.117	ug/l #	87
20) Methylene Chloride	4.960	84	12547	2.539	ug/l	94
31) Cyclohexane	7.959	56	4387	1.546	ug/l #	14
36) 1,1-Dichloropropene	7.959	75	15057	4.834	ug/l #	50
38) Carbon Tetrachloride	7.965	117	18837	5.641	ug/l #	17
49) 1,4-Dioxane	9.453	88	22	1.118	ug/l #	24
76) 1,2,3-Trichloropropane	12.617	75	80401	38.517	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	80401	103.704	ug/l #	5

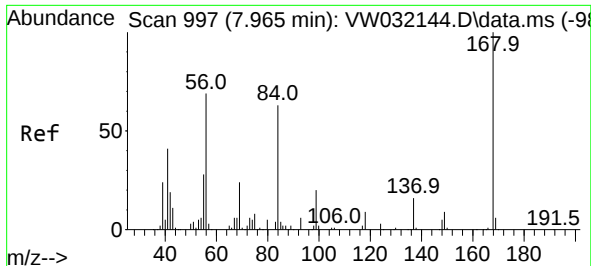
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
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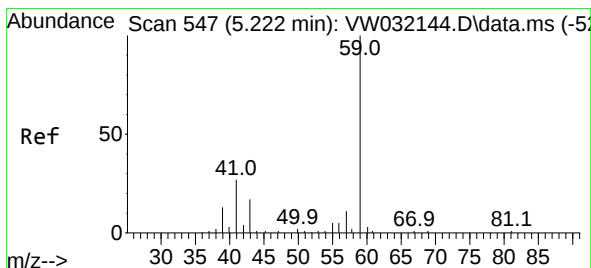
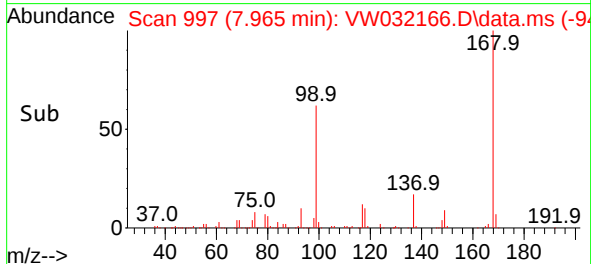
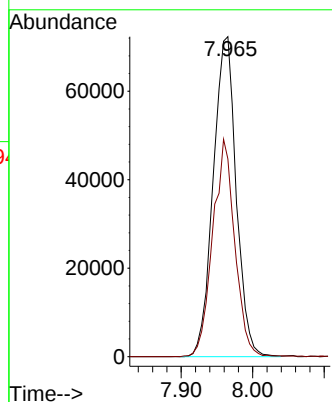
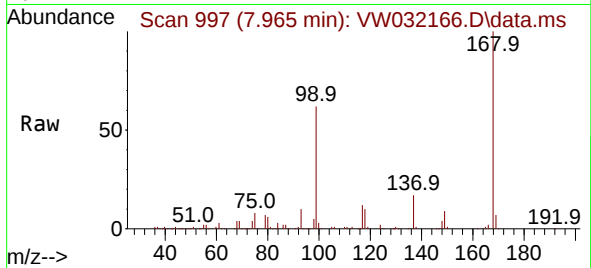




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032166.D
Acq: 15 Sep 2025 10:18

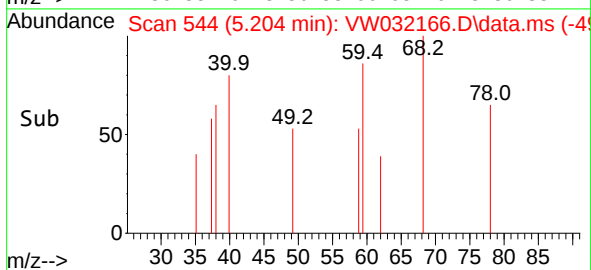
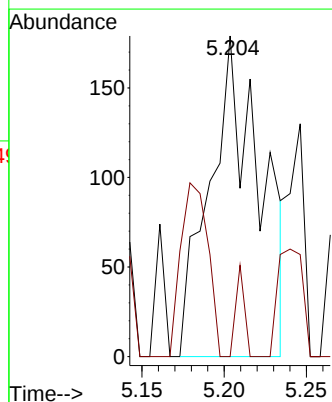
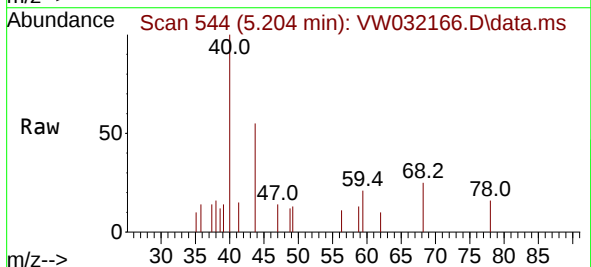
Instrument :
MSVOA_W
ClientSampleId :

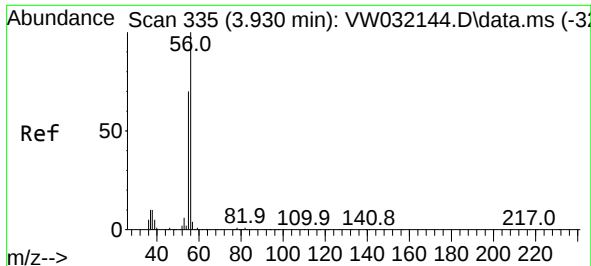
Tgt Ion:168 Resp: 161635
Ion Ratio Lower Upper
168 100
99 61.8 49.3 73.9



#11
Tert butyl alcohol
Concen: 2.695 ug/l
RT: 5.204 min Scan# 544
Delta R.T. -0.018 min
Lab File: VW032166.D
Acq: 15 Sep 2025 10:18

Tgt Ion: 59 Resp: 381
Ion Ratio Lower Upper
59 100
57 5.0 9.8 14.6#

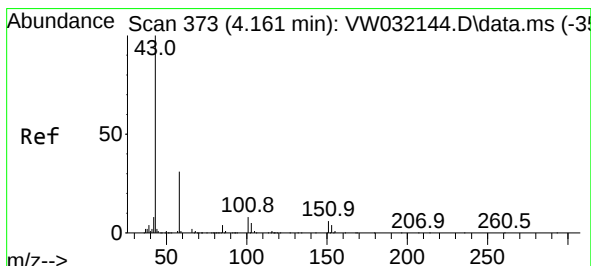
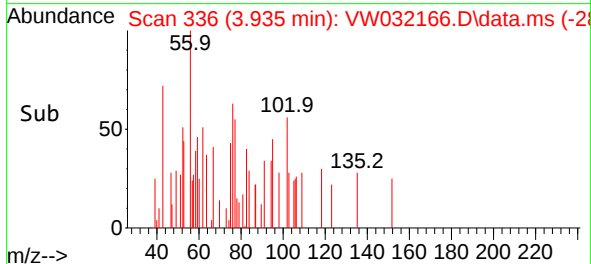
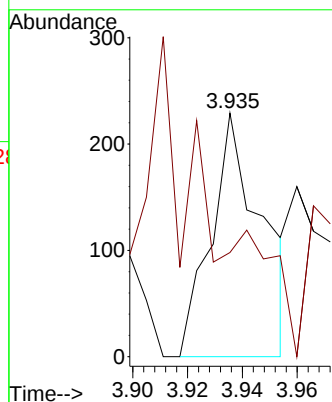
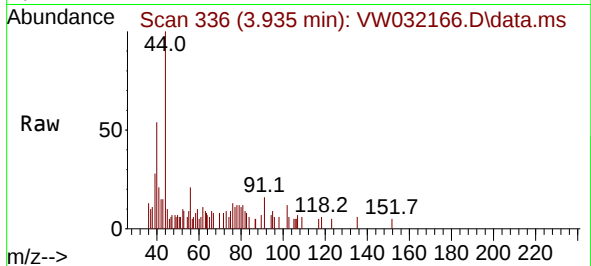




#13
Acrolein
Concen: 1.343 ug/l
RT: 3.935 min Scan# 311
Delta R.T. 0.006 min
Lab File: VW032166.D
Acq: 15 Sep 2025 10:18

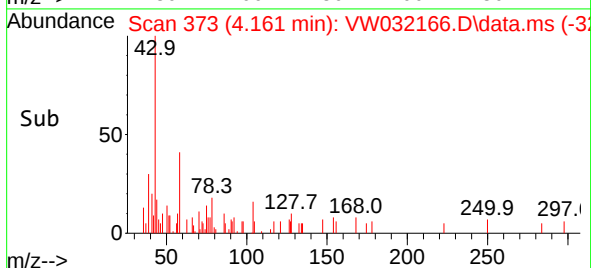
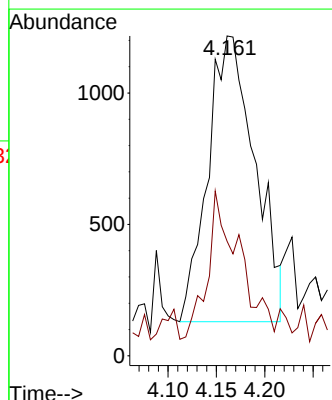
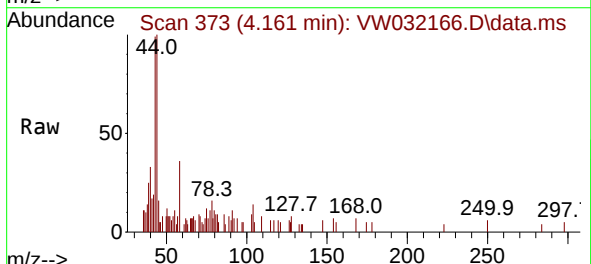
Instrument :
MSVOA_W
ClientSampleId :

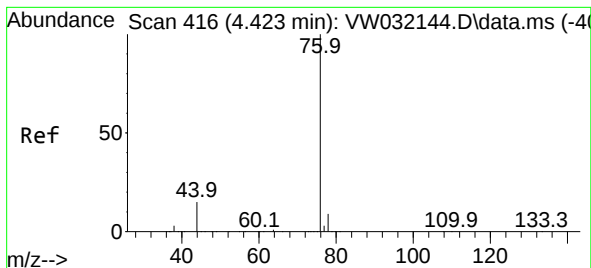
Tgt Ion: 56 Resp: 292
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 7.355 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032166.D
Acq: 15 Sep 2025 10:18

Tgt Ion: 43 Resp: 3682
Ion Ratio Lower Upper
43 100
58 34.3 25.3 37.9





#17

Carbon Disulfide

Concen: 1.117 ug/l

RT: 4.423 min Scan# 416

Delta R.T. -0.000 min

Lab File: VW032166.D

Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_W

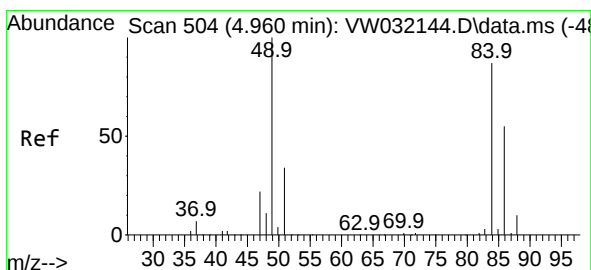
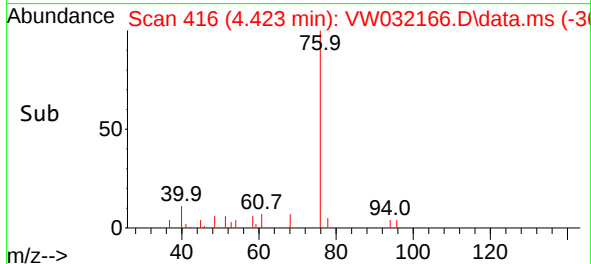
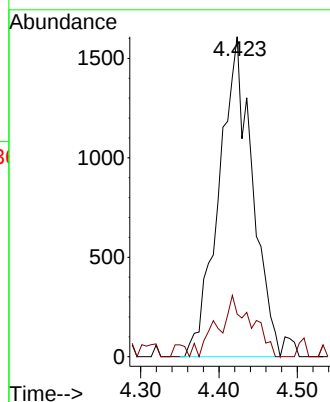
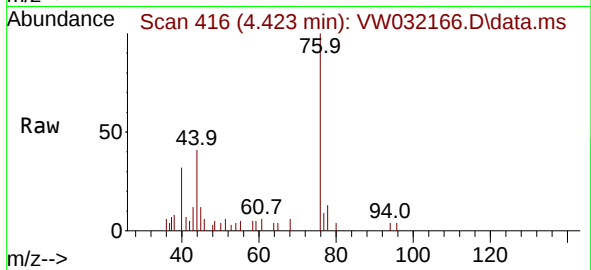
ClientSampleId :

Tgt Ion: 76 Resp: 4773

Ion Ratio Lower Upper

76 100

78 13.3 7.0 10.6#



#20

Methylene Chloride

Concen: 2.539 ug/l

RT: 4.960 min Scan# 504

Delta R.T. -0.000 min

Lab File: VW032166.D

Acq: 15 Sep 2025 10:18

Tgt Ion: 84 Resp: 12547

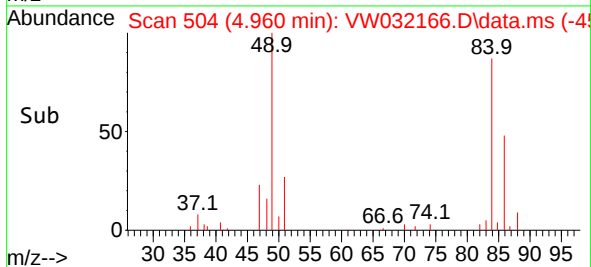
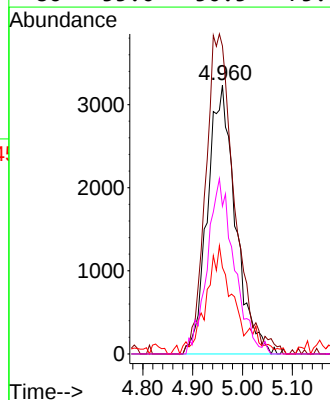
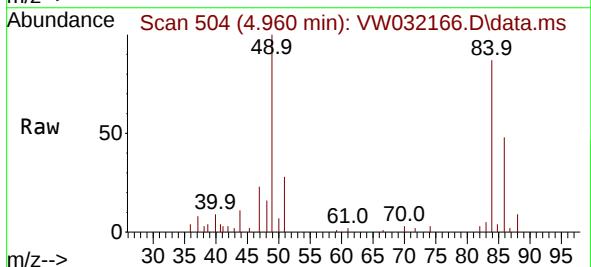
Ion Ratio Lower Upper

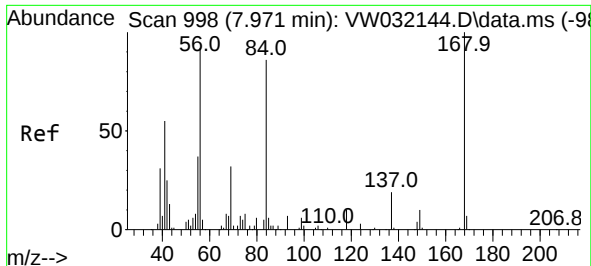
84 100

49 112.5 92.2 138.4

51 32.1 31.0 46.6

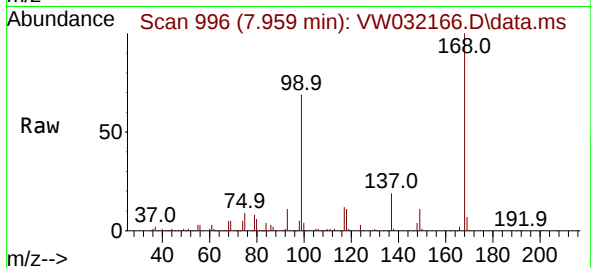
86 55.0 50.5 75.7



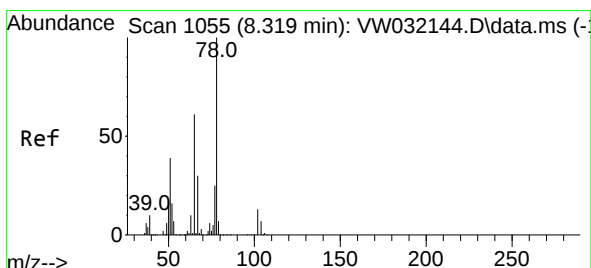
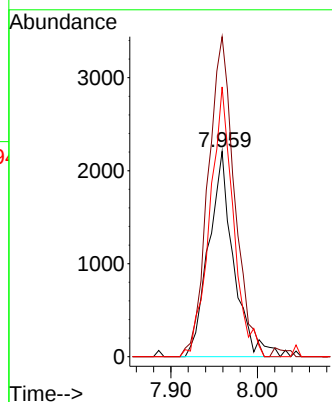
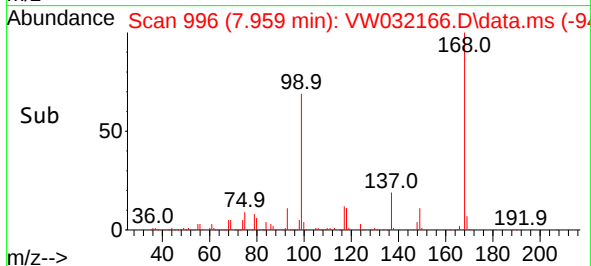


#31
Cyclohexane
Concen: 1.546 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032166.D
Acq: 15 Sep 2025 10:18

Instrument :
MSVOA_W
ClientSampleId :

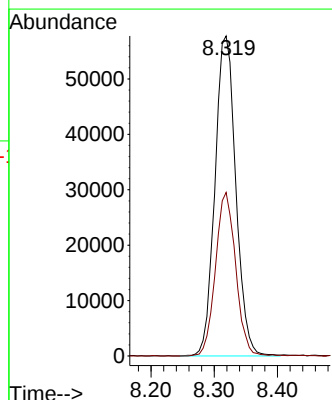
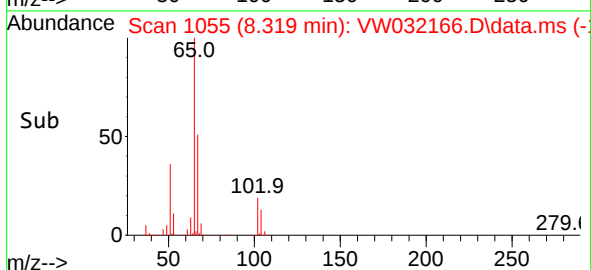
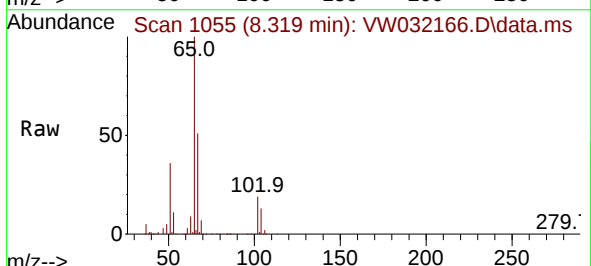


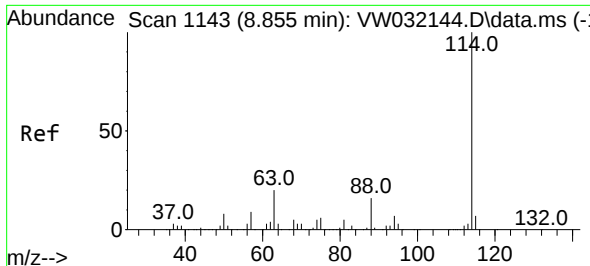
Tgt Ion: 56 Resp: 4387
Ion Ratio Lower Upper
56 100
69 155.9 27.7 41.5#
84 131.4 74.6 112.0#



#33
1,2-Dichloroethane-d4
Concen: 57.227 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032166.D
Acq: 15 Sep 2025 10:18

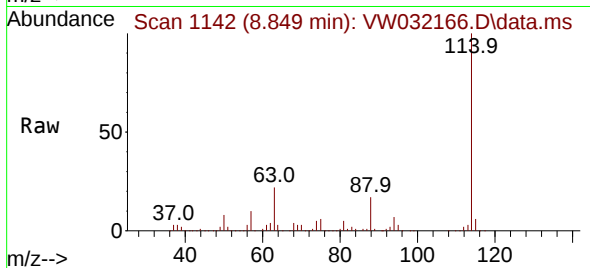
Tgt Ion: 65 Resp: 132285
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.6



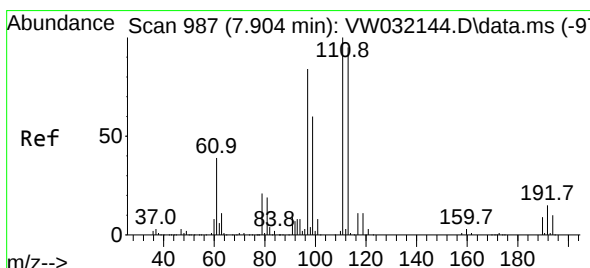
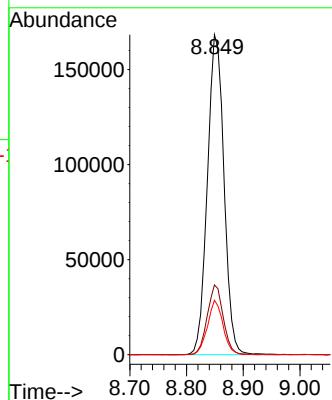
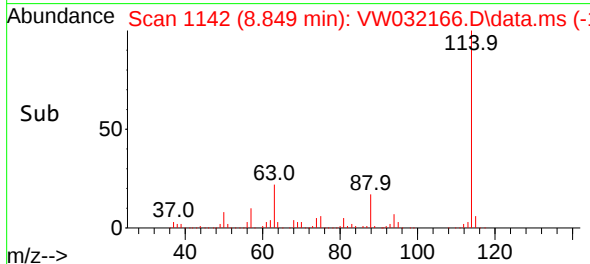


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032166.D
Acq: 15 Sep 2025 10:18

Instrument :
MSVOA_W
ClientSampleId :

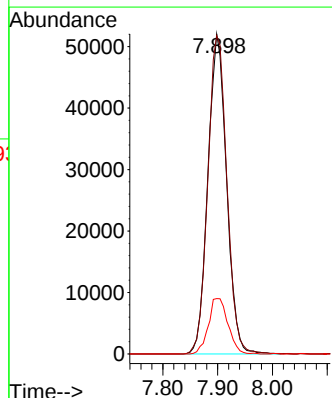
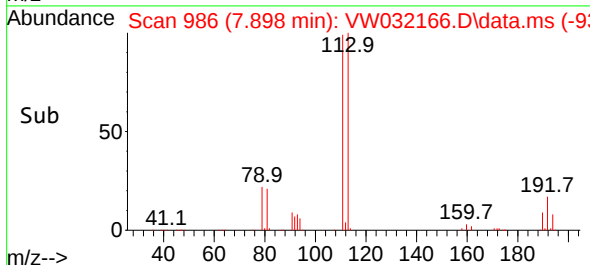
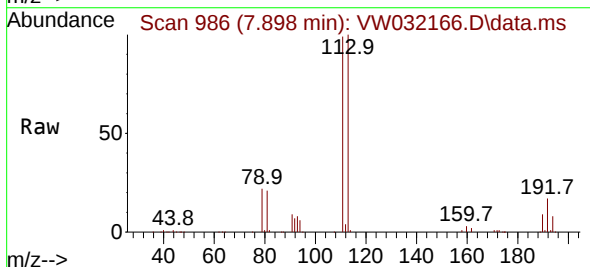


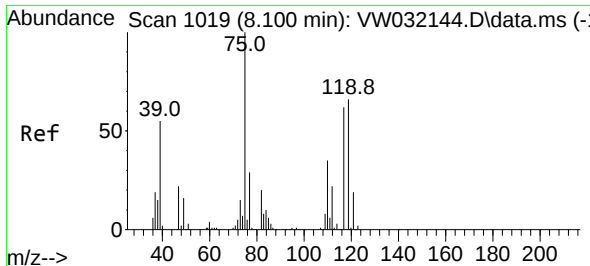
Tgt Ion:114 Resp: 342419
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.4
88 17.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.181 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032166.D
Acq: 15 Sep 2025 10:18

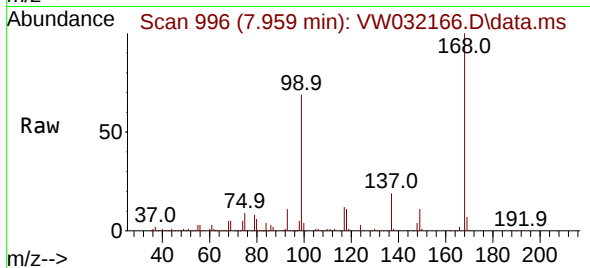
Tgt Ion:113 Resp: 122957
Ion Ratio Lower Upper
113 100
111 101.7 83.9 125.9
192 18.2 14.6 21.8



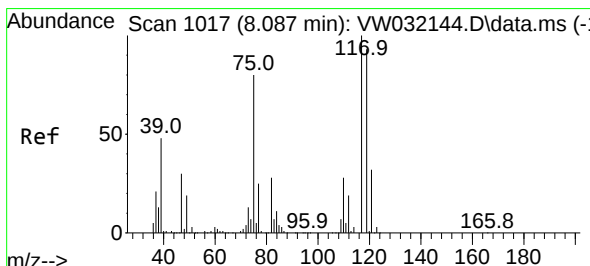
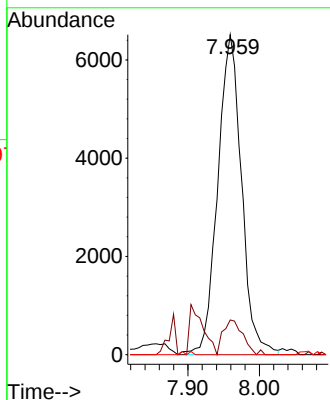
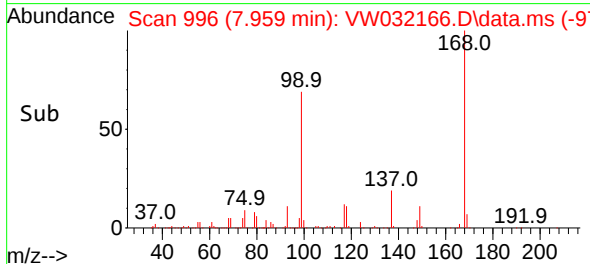


#36
 1,1-Dichloropropene
 Concen: 4.834 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032166.D
 Acq: 15 Sep 2025 10:18

Instrument :
 MSVOA_W
 ClientSampleId :

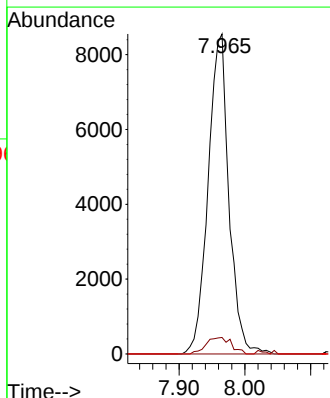
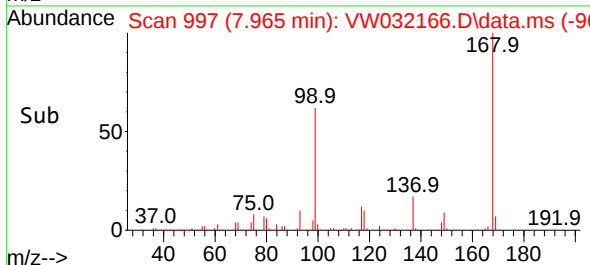
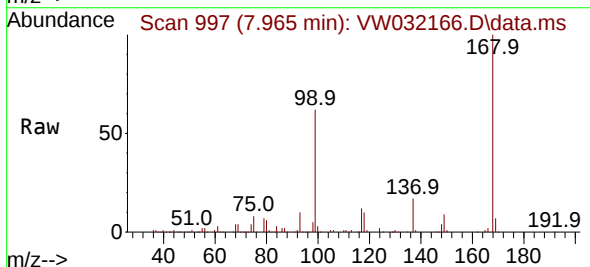


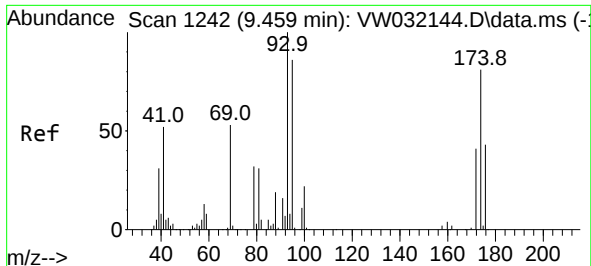
Tgt Ion: 75 Resp: 15057
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.5 52.5#
 77 0.0 24.1 36.1#



#38
 Carbon Tetrachloride
 Concen: 5.641 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.122 min
 Lab File: VW032166.D
 Acq: 15 Sep 2025 10:18

Tgt Ion: 117 Resp: 18837
 Ion Ratio Lower Upper
 117 100
 119 5.2 74.2 111.2#
 121 0.0 25.6 38.4#





#49

1,4-Dioxane

Concen: 1.118 ug/l

RT: 9.453 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032166.D

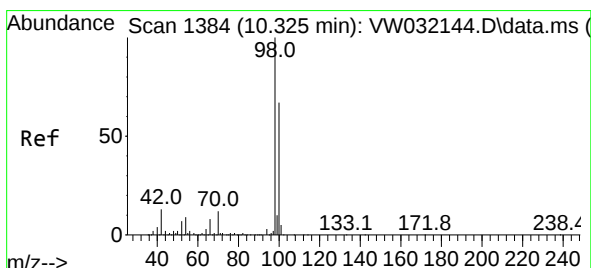
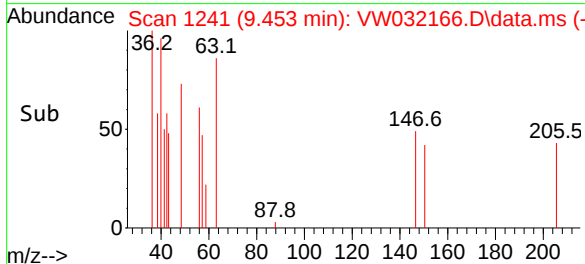
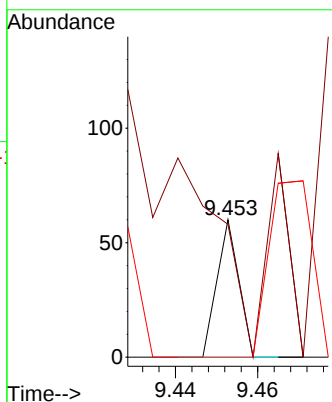
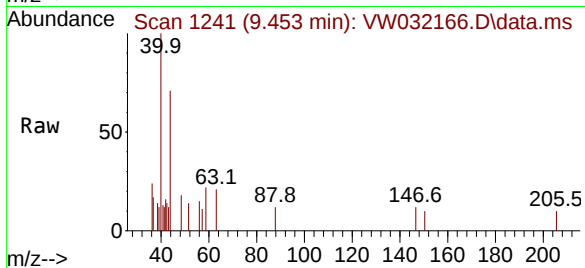
Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 88	Resp: 22
Ion Ratio	Lower Upper
88	100
43	0.0 18.0 27.0#
58	0.0 55.4 83.0#



#50

Toluene-d8

Concen: 48.439 ug/l

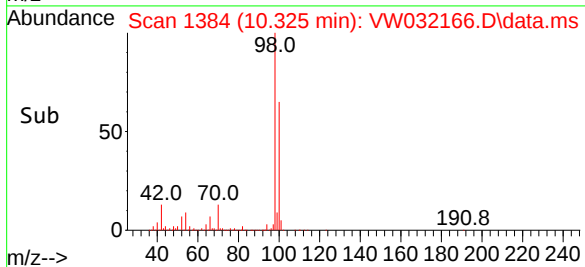
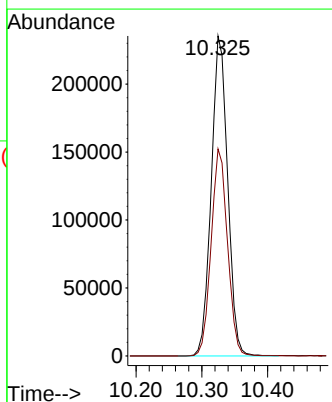
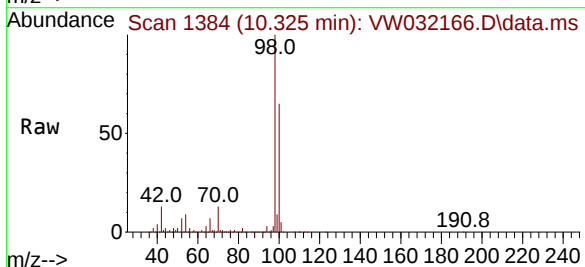
RT: 10.325 min Scan# 1384

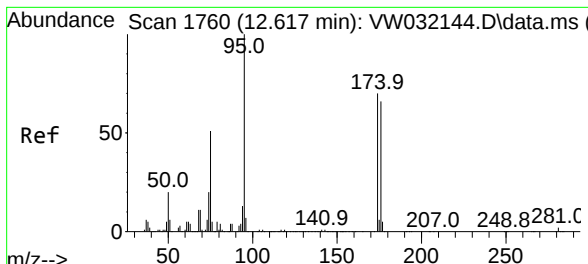
Delta R.T. -0.000 min

Lab File: VW032166.D

Acq: 15 Sep 2025 10:18

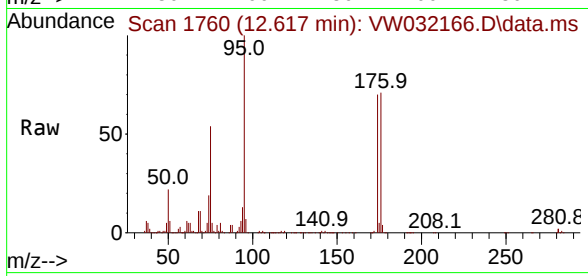
Tgt Ion: 98	Resp: 408510
Ion Ratio	Lower Upper
98	100
100	64.6 51.4 77.2





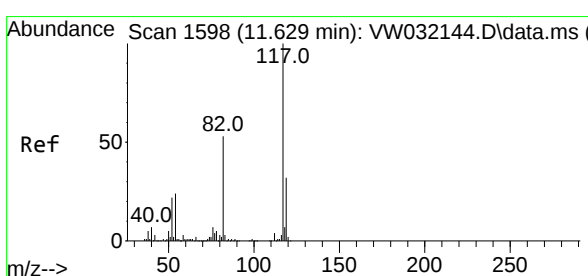
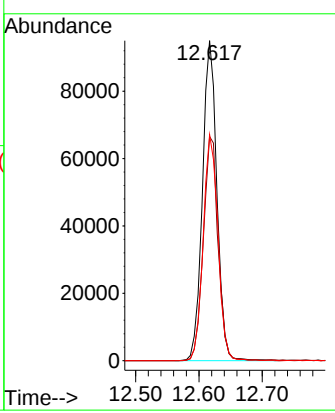
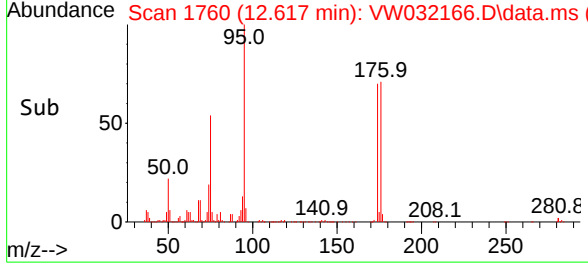
#62
 4-Bromofluorobenzene
 Concen: 48.411 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.000 min
 Lab File: VW032166.D
 Acq: 15 Sep 2025 10:18

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 150975

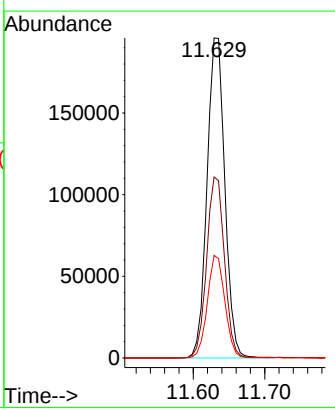
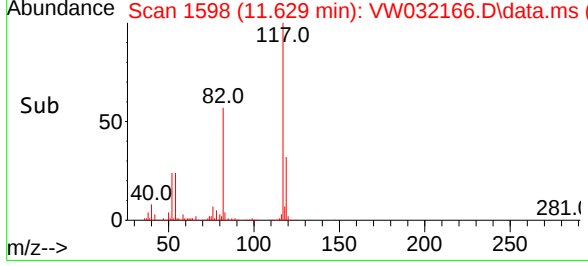
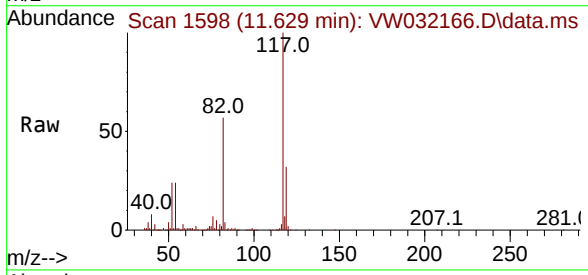
Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	145.6
176	72.4	0.0	140.8

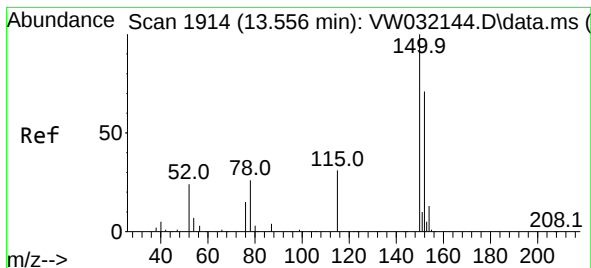


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.629 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: VW032166.D
 Acq: 15 Sep 2025 10:18

Tgt Ion: 117 Resp: 339175

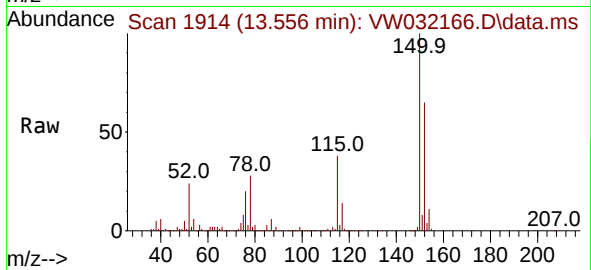
Ion	Ratio	Lower	Upper
117	100		
82	56.6	42.7	64.1
119	32.1	25.2	37.8



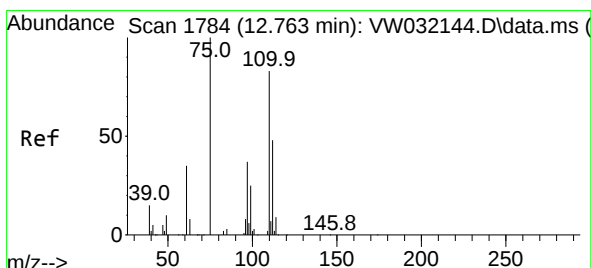
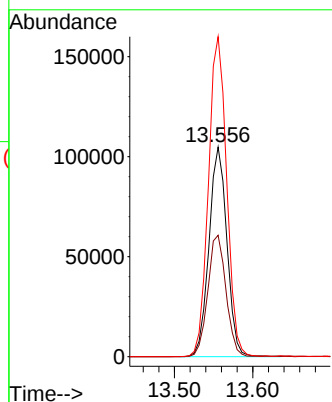
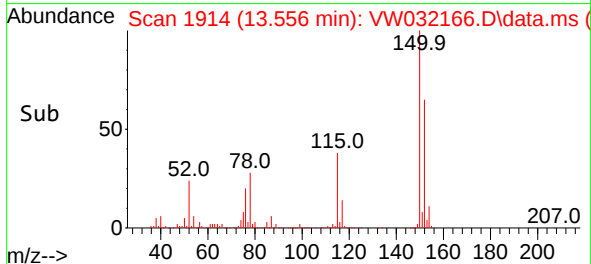


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032166.D
 Acq: 15 Sep 2025 10:18

Instrument :
 MSVOA_W
 ClientSampleId :

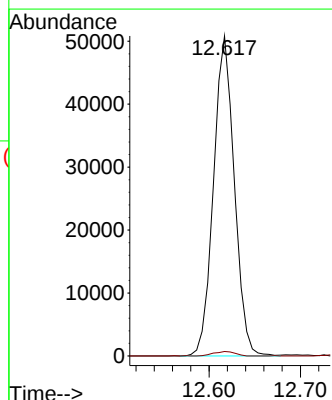
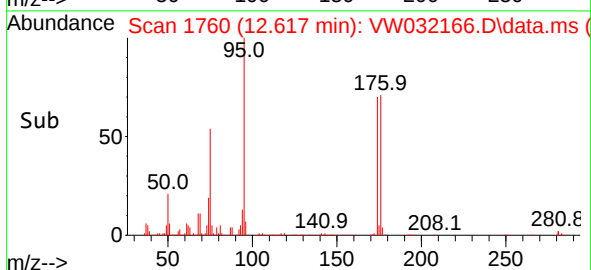
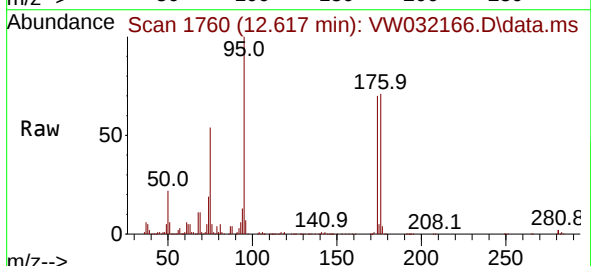


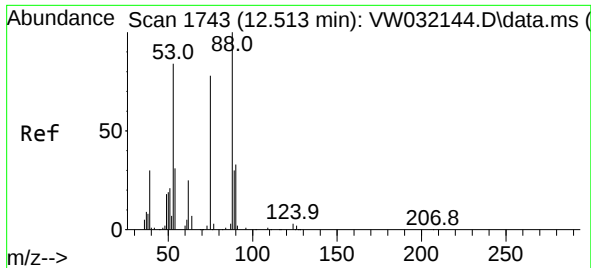
Tgt Ion:152 Resp: 166622
 Ion Ratio Lower Upper
 152 100
 115 58.9 31.8 95.4
 150 155.1 0.0 343.0



#76
 1,2,3-Trichloropropane
 Concen: 38.517 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW032166.D
 Acq: 15 Sep 2025 10:18

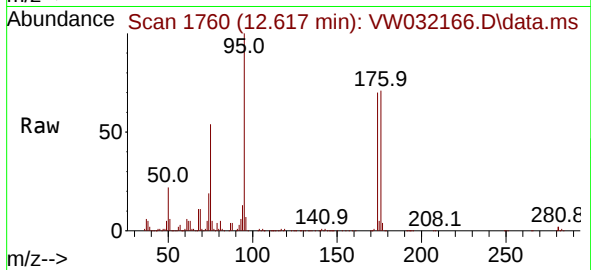
Tgt Ion: 75 Resp: 80401
 Ion Ratio Lower Upper
 75 100
 77 1.4 141.7 425.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.704 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VW032166.D
 Acq: 15 Sep 2025 10:18

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	91.0	136.6#
89	0.1	39.4	59.2#

