

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031597.D
 Acq On : 27 Jan 2025 16:54
 Operator : SY/MD
 Sample : Q1190-08
 Misc : 4.17g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 28 00:26:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

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

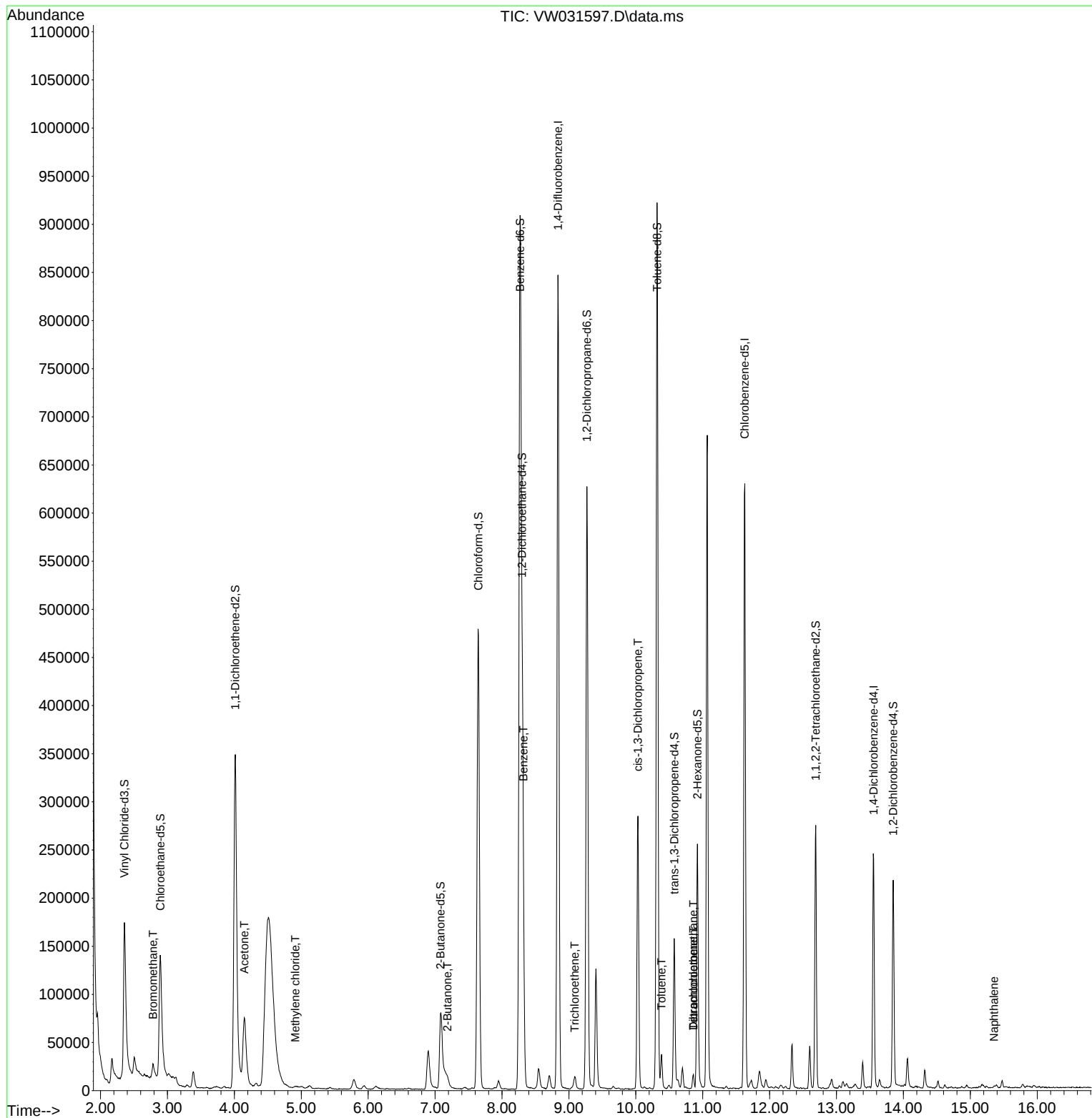
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	710222	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	351719	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	63721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	277129	24.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.480%
7) Chloroethane-d5	2.893	69	213941	26.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.520%
11) 1,1-Dichloroethene-d2	4.015	65	121035	24.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.640%
21) 2-Butanone-d5	7.081	46	147091	82.104	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.200%#
24) Chloroform-d	7.648	84	493762	26.863	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.440%
26) 1,2-Dichloroethane-d4	8.301	65	267430	29.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.240%
32) Benzene-d6	8.270	84	960453	43.473	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	173.880%#
36) 1,2-Dichloropropane-d6	9.270	67	303058	46.460	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	185.840%#
41) Toluene-d8	10.319	98	615691	30.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.480%
43) trans-1,3-Dichloroprop...	10.575	79	88767	33.138	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	132.560%
47) 2-Hexanone-d5	10.922	63	90172	135.459	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	270.920%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	139789	35.043	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.160%#
66) 1,2-Dichlorobenzene-d4	13.849	152	55411	24.793	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.160%
Target Compounds						Qvalue
6) Bromomethane	2.783	94	12780	1.790	ug/L	87
13) Acetone	4.149	43	158976	115.300	ug/L #	54
16) Methylene chloride	4.911	84	1028	0.106	ug/L #	67
22) 2-Butanone	7.185	43	15071	6.400	ug/L	93
33) Benzene	8.319	78	94945	3.944	ug/L	100
34) Trichloroethene	9.087	95	4413	0.682	ug/L	86
39) cis-1,3-Dichloropropene	10.032	75	6713	0.705	ug/L #	57
42) Toluene	10.386	91	23751	0.944	ug/L	97
46) Tetrachloroethene	10.861	164	3087	0.665	ug/L	93
49) Dibromochloromethane	10.861	129	3027	0.709	ug/L #	12
71) Naphthalene	15.354	128	1890	0.423	ug/L #	77

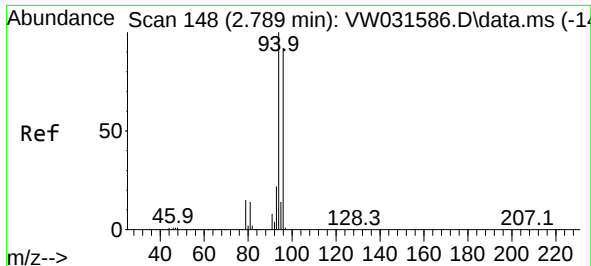
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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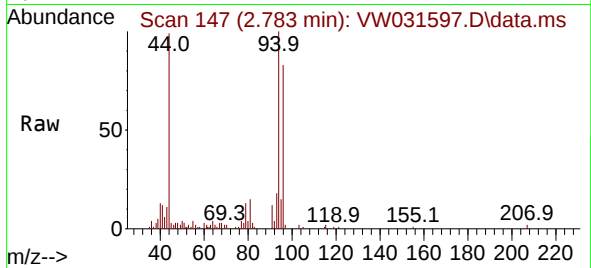
Quant Time: Jan 28 00:26:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jan 28 00:17:29 2025
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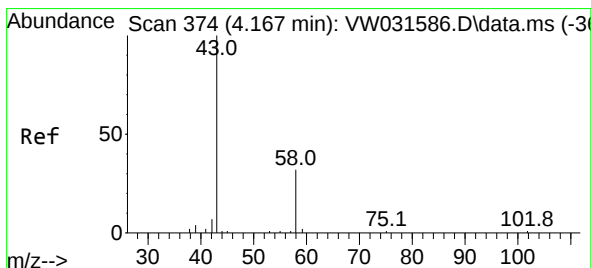
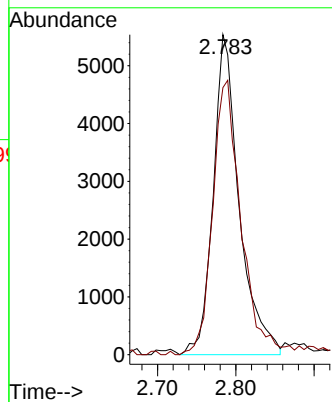
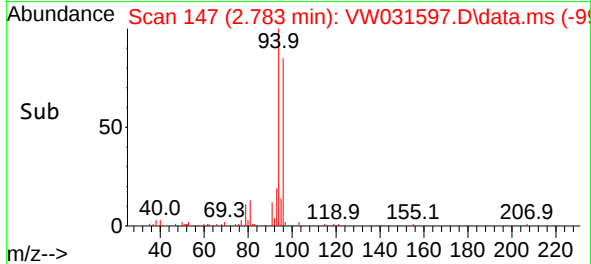


#6
Bromomethane
Concen: 1.790 ug/L
RT: 2.783 min Scan# 14
Delta R.T. -0.006 min
Lab File: VW031597.D
Acq: 27 Jan 2025 16:54

Instrument :
MSVOA_W
ClientSampleId :

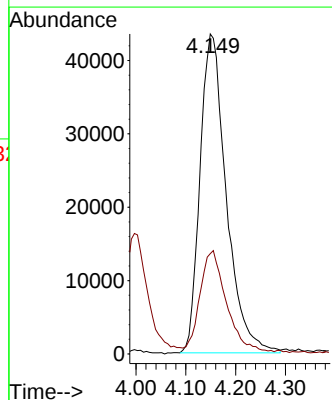
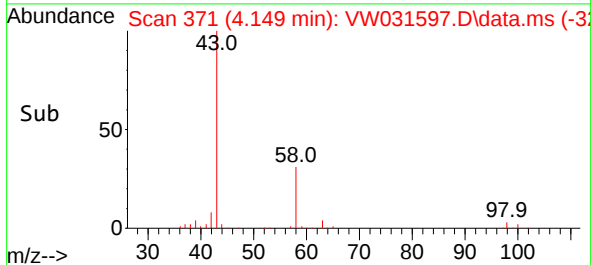
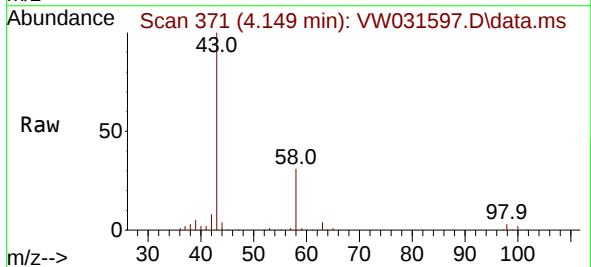


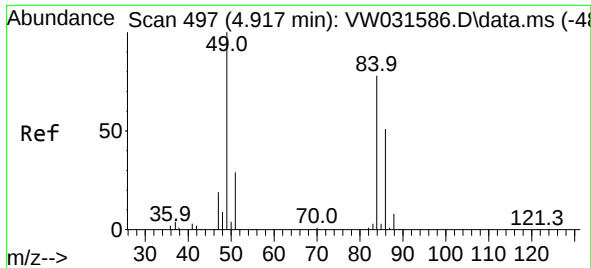
Tgt Ion: 94 Resp: 12780
Ion Ratio Lower Upper
94 100
96 83.4 67.6 125.6



#13
Acetone
Concen: 115.300 ug/L
RT: 4.149 min Scan# 371
Delta R.T. -0.018 min
Lab File: VW031597.D
Acq: 27 Jan 2025 16:54

Tgt Ion: 43 Resp: 158976
Ion Ratio Lower Upper
43 100
58 32.8 0.0 28.2#

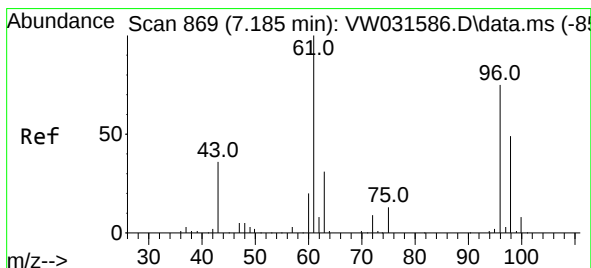
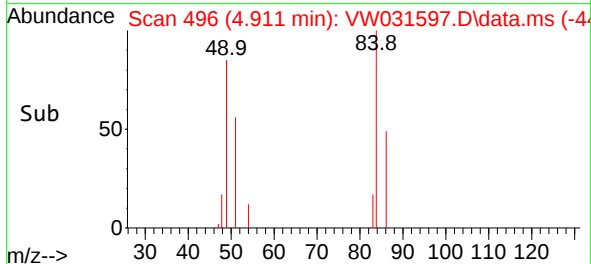
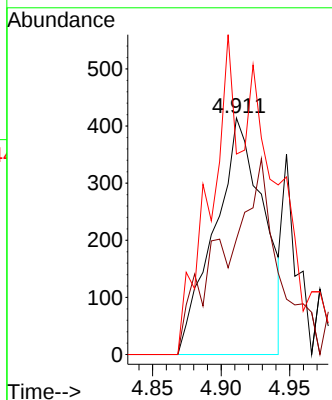
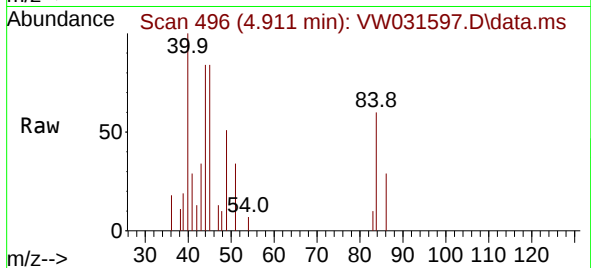




#16
Methylene chloride
Concen: 0.106 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW031597.D
Acq: 27 Jan 2025 16:54

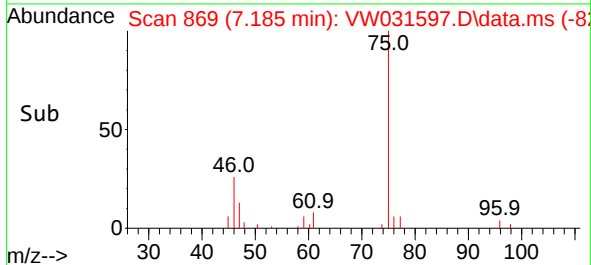
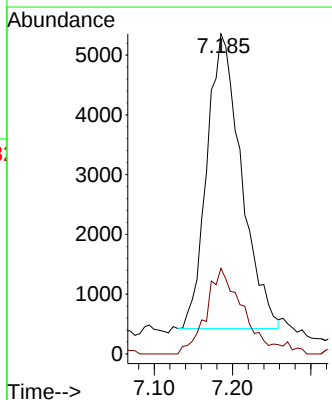
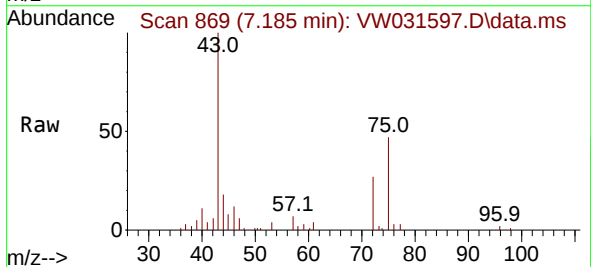
Instrument :
MSVOA_W
ClientSampleId :

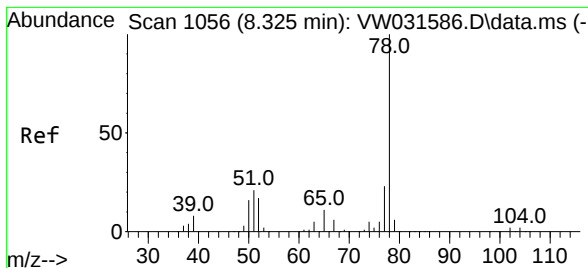
Tgt Ion: 84 Resp: 1028
Ion Ratio Lower Upper
84 100
86 48.8 47.0 87.2
49 84.8 89.8 166.8#



#22
2-Butanone
Concen: 6.400 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW031597.D
Acq: 27 Jan 2025 16:54

Tgt Ion: 43 Resp: 15071
Ion Ratio Lower Upper
43 100
72 29.8 13.2 39.5





#33

Benzene

Concen: 3.944 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031597.D

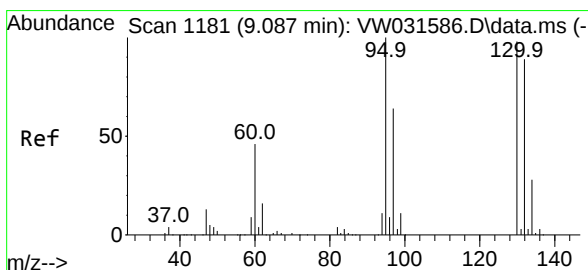
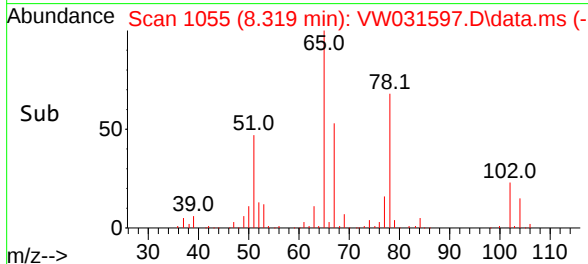
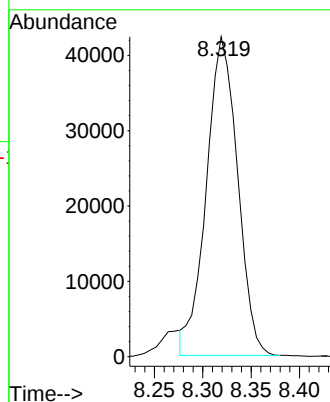
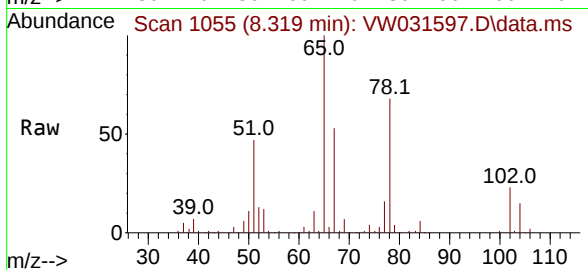
Acq: 27 Jan 2025 16:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 94945



#34

Trichloroethene

Concen: 0.682 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031597.D

Acq: 27 Jan 2025 16:54

Tgt Ion: 95 Resp: 4413

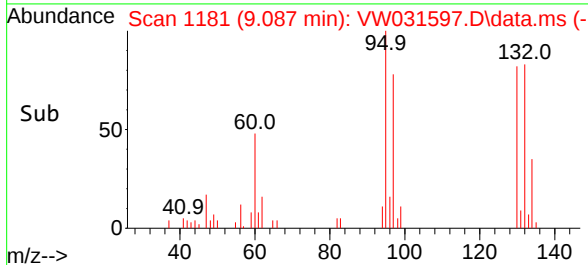
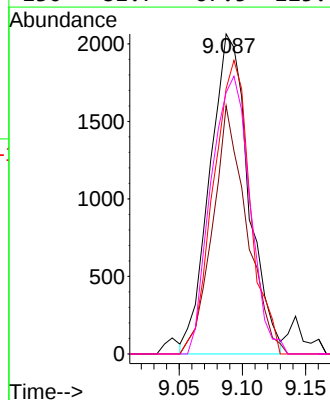
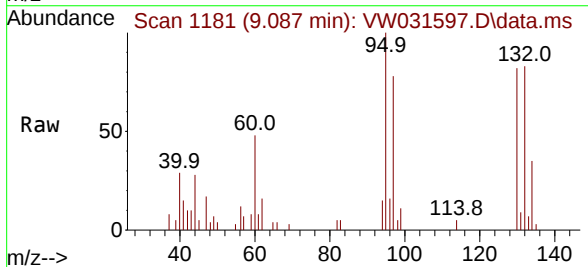
Ion Ratio Lower Upper

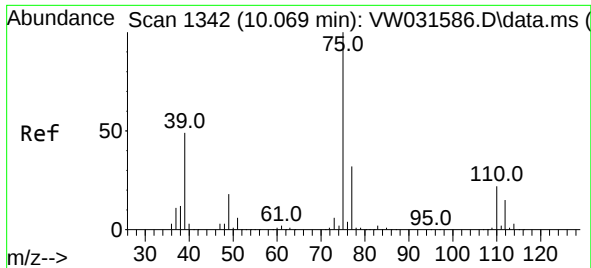
95 100

97 77.6 44.0 81.6

132 82.9 64.6 120.0

130 81.7 67.5 125.4

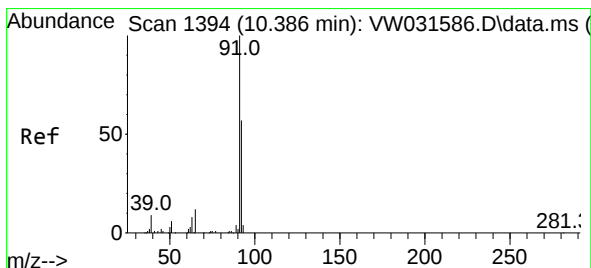
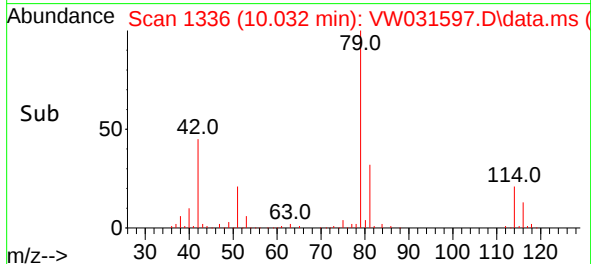
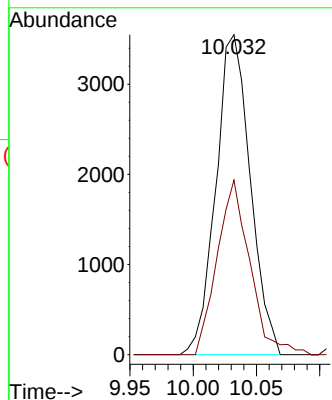
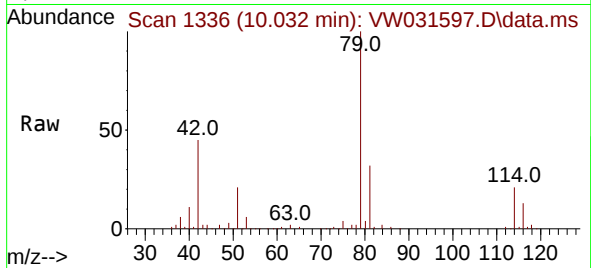




#39
cis-1,3-Dichloropropene
Concen: 0.705 ug/L
RT: 10.032 min Scan# 11
Delta R.T. -0.036 min
Lab File: VW031597.D
Acq: 27 Jan 2025 16:54

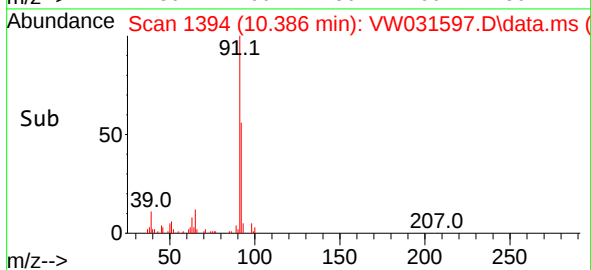
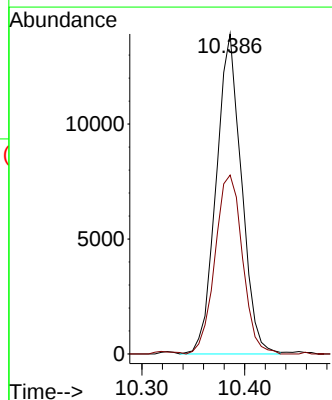
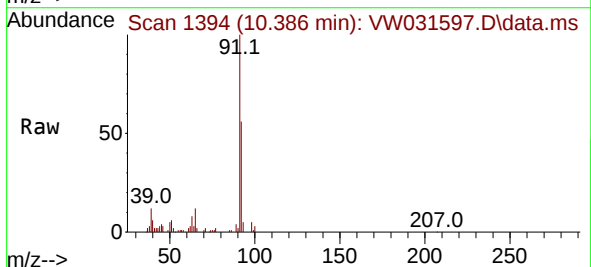
Instrument :
MSVOA_W
ClientSampleId :

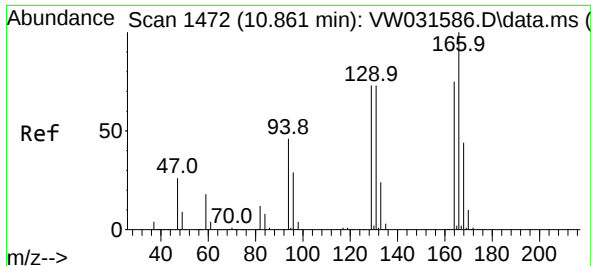
Tgt Ion: 75 Resp: 6713
Ion Ratio Lower Upper
75 100
77 54.6 21.6 40.2#



#42
Toluene
Concen: 0.944 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031597.D
Acq: 27 Jan 2025 16:54

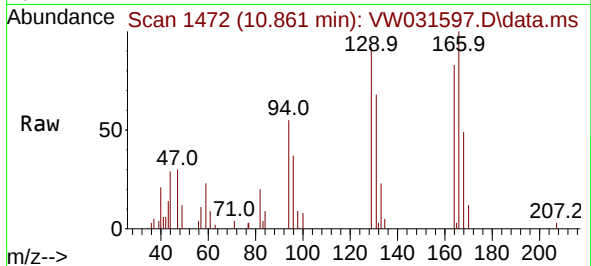
Tgt Ion: 91 Resp: 23751
Ion Ratio Lower Upper
91 100
92 55.9 40.6 75.4



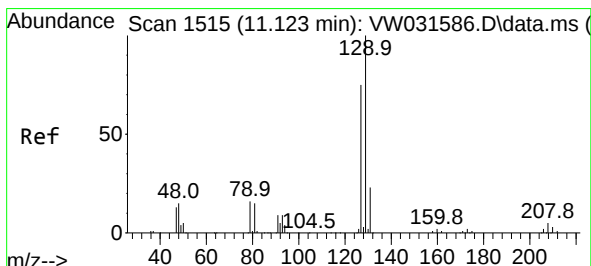
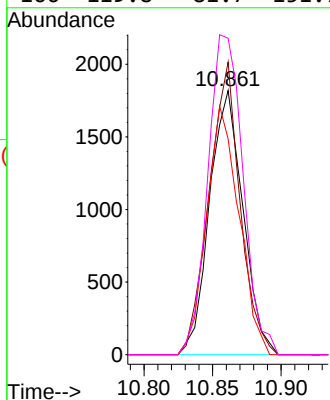
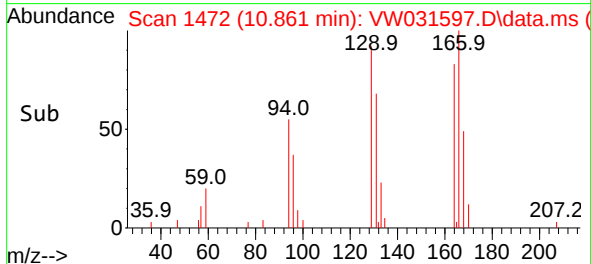


#46
Tetrachloroethene
Concen: 0.665 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031597.D
Acq: 27 Jan 2025 16:54

Instrument :
MSVOA_W
ClientSampleId :

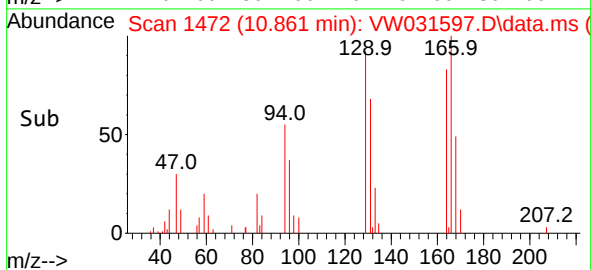
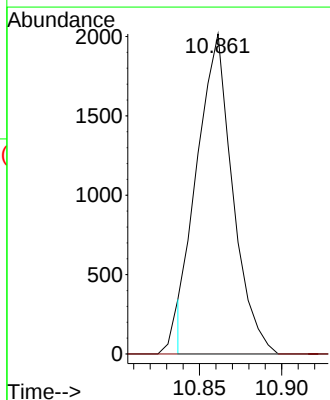
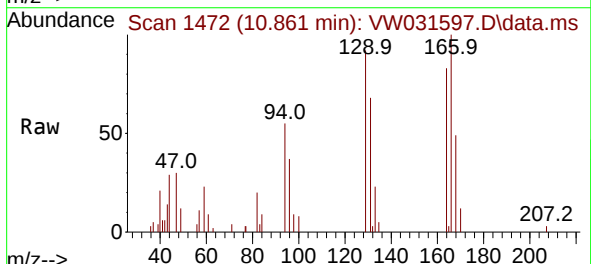


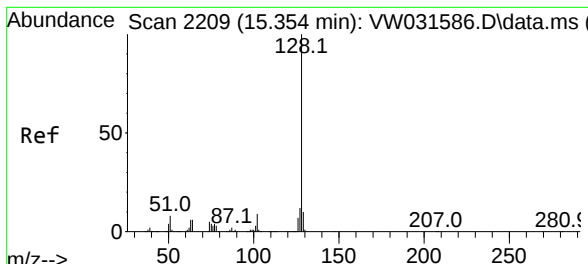
Tgt Ion:164 Resp: 3087
Ion Ratio Lower Upper
164 100
129 110.8 69.8 129.6
131 81.7 63.1 117.1
166 119.8 81.7 151.7



#49
Dibromochloromethane
Concen: 0.709 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.262 min
Lab File: VW031597.D
Acq: 27 Jan 2025 16:54

Tgt Ion:129 Resp: 3027
Ion Ratio Lower Upper
129 100
127 0.0 53.0 98.4#





#71
 Naphthalene
 Concen: 0.423 ug/L
 RT: 15.354 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031597.D
 Acq: 27 Jan 2025 16:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	1890
Ion	Ratio	Lower	Upper
128	100		
127	5.8	10.4	15.6#
129	0.0	8.7	13.1#

