

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031594.D
 Acq On : 27 Jan 2025 15:41
 Operator : SY/MD
 Sample : Q1190-02
 Misc : 14.01g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 28 00:25:45 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)

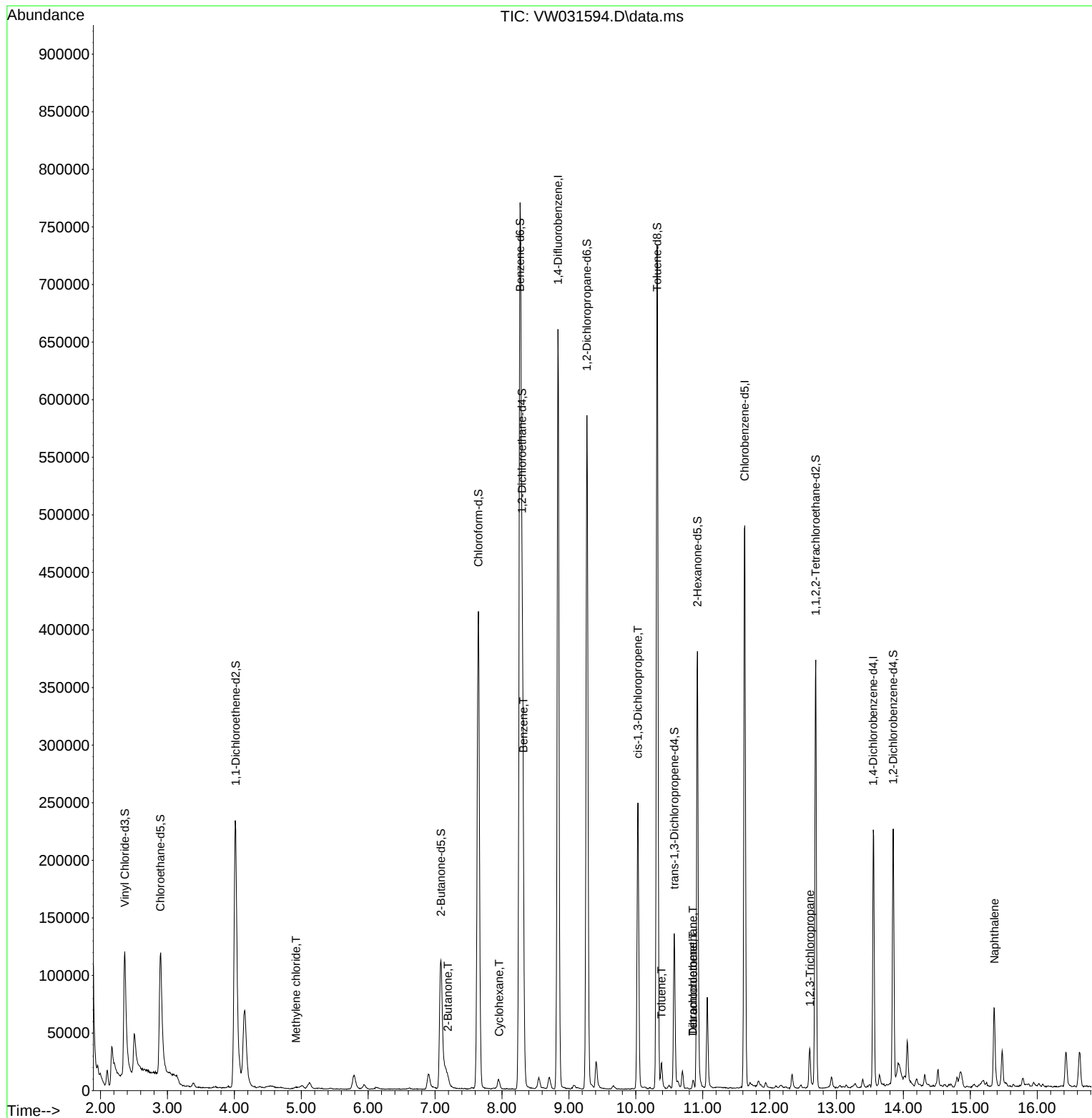
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	549506	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	269469	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	57128	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	195381	22.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.640%
7) Chloroethane-d5	2.893	69	176222	28.617	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.480%
11) 1,1-Dichloroethene-d2	4.021	65	85326	22.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.960%
21) 2-Butanone-d5	7.087	46	213522	154.043	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	308.080%#
24) Chloroform-d	7.648	84	425153	29.896	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.600%
26) 1,2-Dichloroethane-d4	8.301	65	270014	38.576	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	154.320%#
32) Benzene-d6	8.270	84	802616	47.418	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	189.680%#
36) 1,2-Dichloropropane-d6	9.270	67	278543	55.735	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	222.960%#
41) Toluene-d8	10.319	98	482810	31.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.400%
43) trans-1,3-Dichloroprop...	10.575	79	77551	37.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	151.160%#
47) 2-Hexanone-d5	10.922	63	134444	263.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	527.220%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	190792	62.427	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	249.720%#
66) 1,2-Dichlorobenzene-d4	13.848	152	55659	27.778	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.120%
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	821	0.110	ug/L	76
22) 2-Butanone	7.191	43	15208	8.347	ug/L	81
29) Cyclohexane	7.959	56	3286	0.380	ug/L #	91
33) Benzene	8.319	78	62014	3.363	ug/L	100
39) cis-1,3-Dichloropropene	10.032	75	5997	0.822	ug/L #	55
42) Toluene	10.386	91	14267	0.740	ug/L	98
46) Tetrachloroethene	10.855	164	1551	0.436	ug/L	87
49) Dibromochloromethane	10.855	129	1575	0.482	ug/L #	12
61) 1,2,3-Trichloropropane	12.605	75	647	0.603	ug/L #	70
71) Naphthalene	15.360	128	59750	14.914	ug/L	99

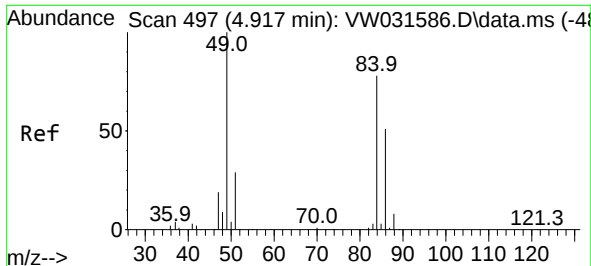
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Jan 28 00:17:29 2025
Response via : Initial Calibration

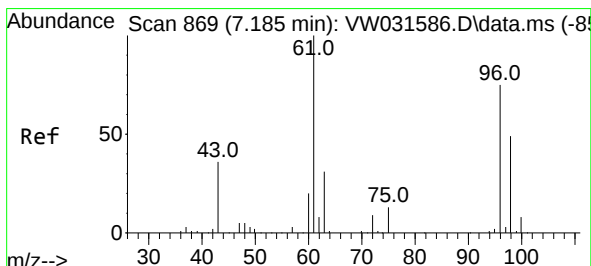
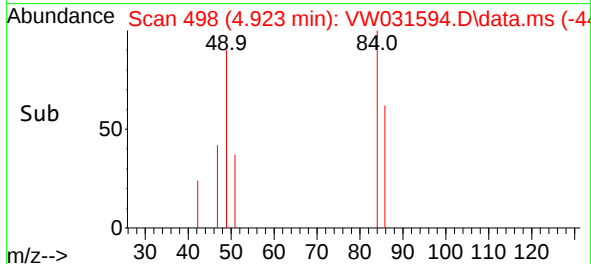
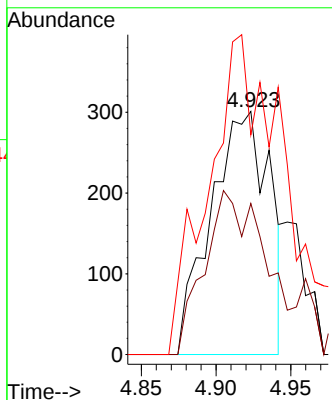
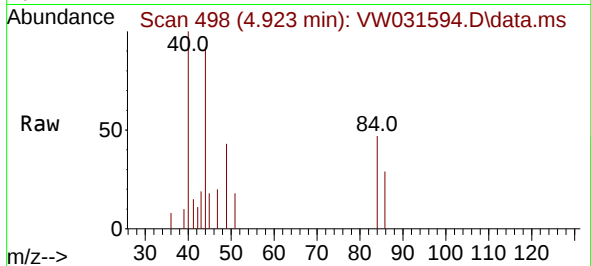




#16
Methylene chloride
Concen: 0.110 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW031594.D
Acq: 27 Jan 2025 15:41

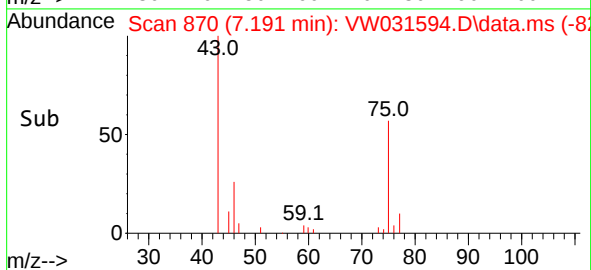
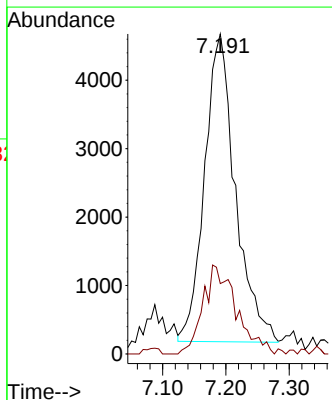
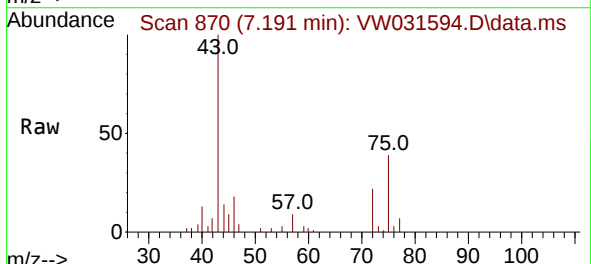
Instrument :
MSVOA_W
ClientSampleId :

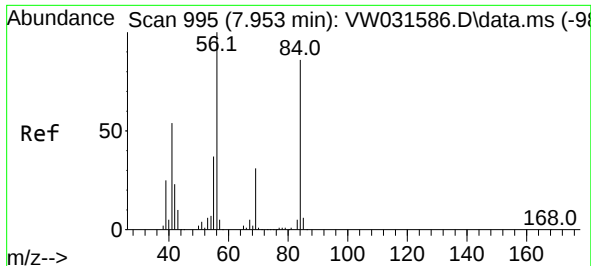
Tgt Ion: 84 Resp: 821
Ion Ratio Lower Upper
84 100
86 62.1 47.0 87.2
49 90.4 89.8 166.8



#22
2-Butanone
Concen: 8.347 ug/L
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW031594.D
Acq: 27 Jan 2025 15:41

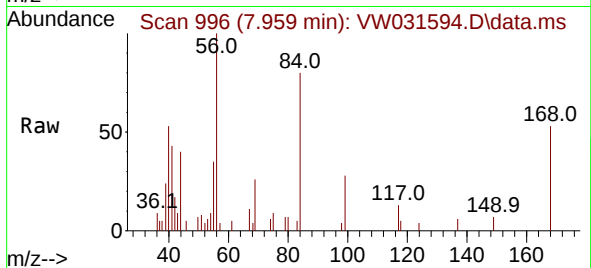
Tgt Ion: 43 Resp: 15208
Ion Ratio Lower Upper
43 100
72 16.6 13.2 39.5



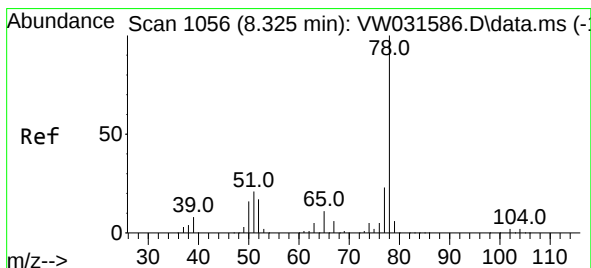
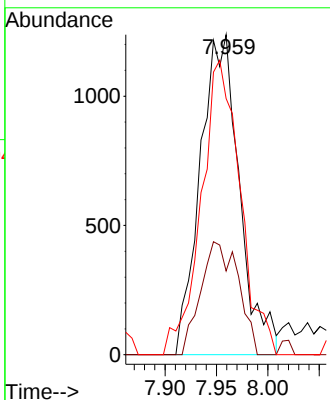
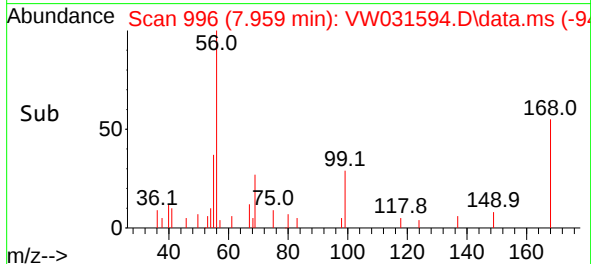


#29
Cyclohexane
Concen: 0.380 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW031594.D
Acq: 27 Jan 2025 15:41

Instrument :
MSVOA_W
ClientSampleId :

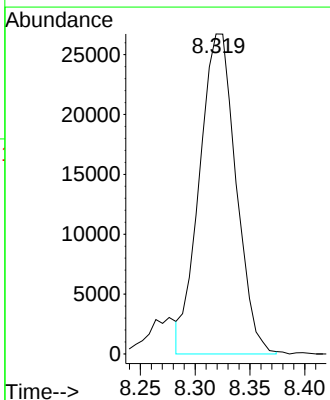
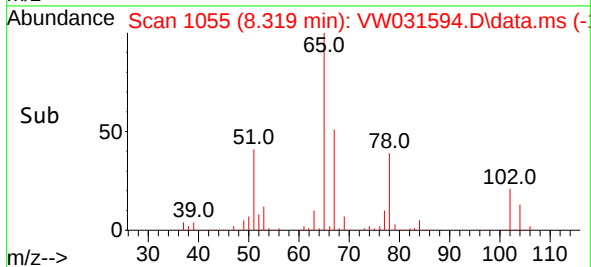
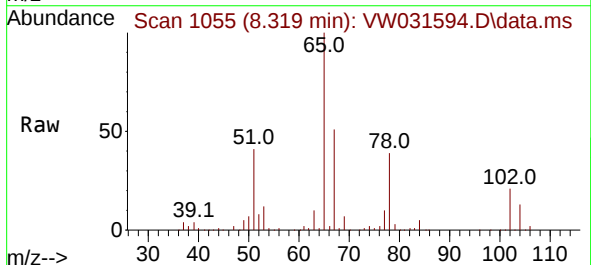


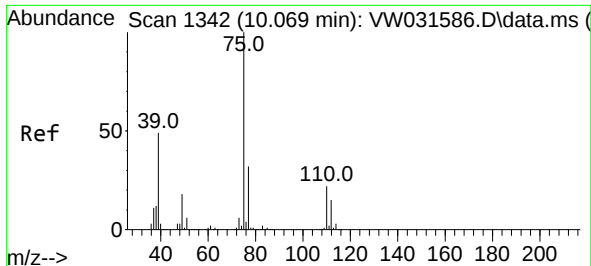
Tgt Ion: 56 Resp: 3286
Ion Ratio Lower Upper
56 100
69 22.8 25.2 37.8#
84 88.6 66.3 99.5



#33
Benzene
Concen: 3.363 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031594.D
Acq: 27 Jan 2025 15:41

Tgt Ion: 78 Resp: 62014

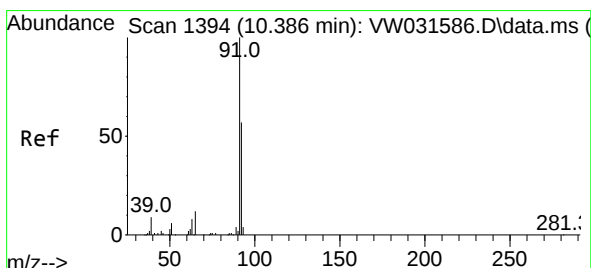
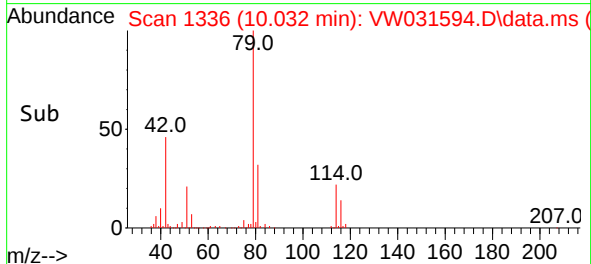
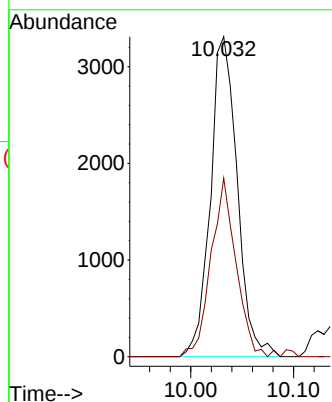
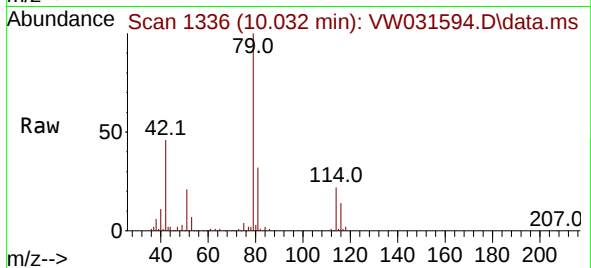




#39
cis-1,3-Dichloropropene
Concen: 0.822 ug/L
RT: 10.032 min Scan# 11
Delta R.T. -0.037 min
Lab File: VW031594.D
Acq: 27 Jan 2025 15:41

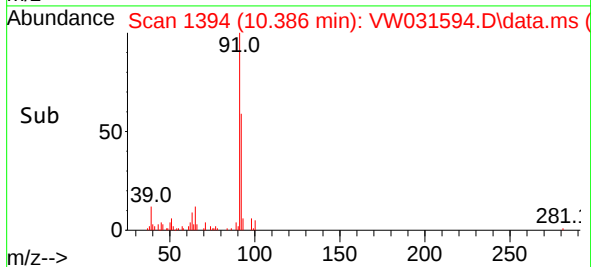
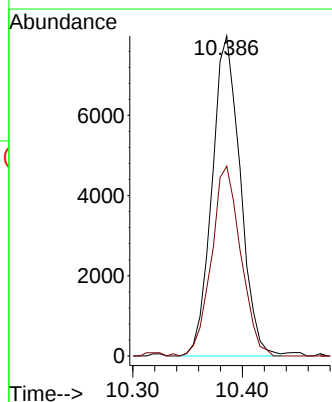
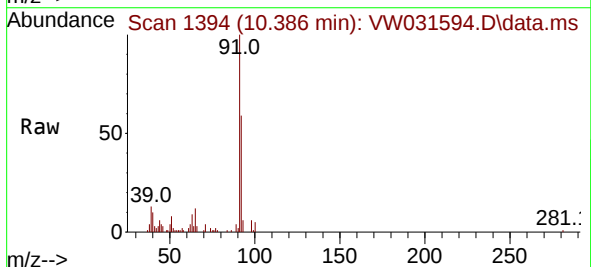
Instrument :
MSVOA_W
ClientSampleId :

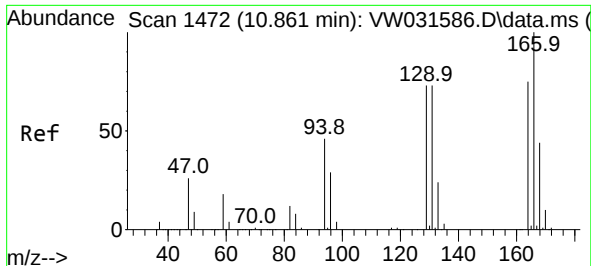
Tgt Ion: 75 Resp: 5997
Ion Ratio Lower Upper
75 100
77 55.8 21.6 40.2#



#42
Toluene
Concen: 0.740 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031594.D
Acq: 27 Jan 2025 15:41

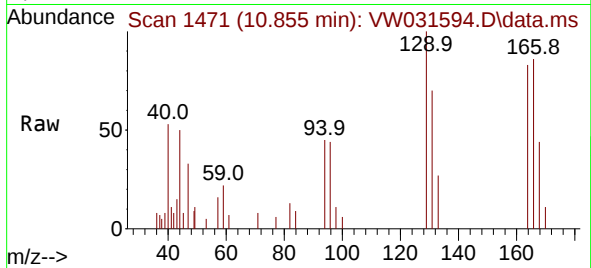
Tgt Ion: 91 Resp: 14267
Ion Ratio Lower Upper
91 100
92 59.3 40.6 75.4



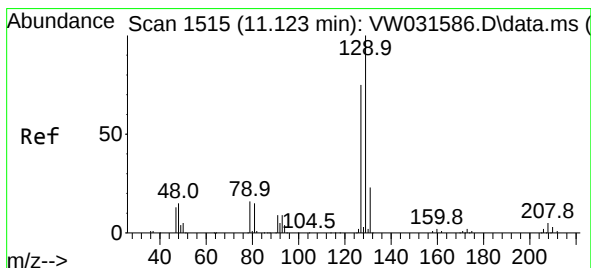
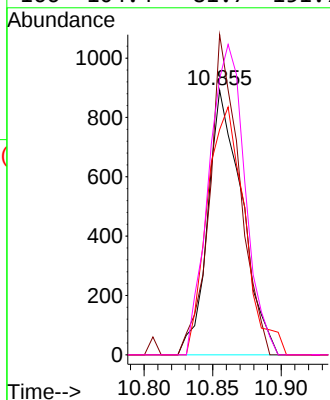
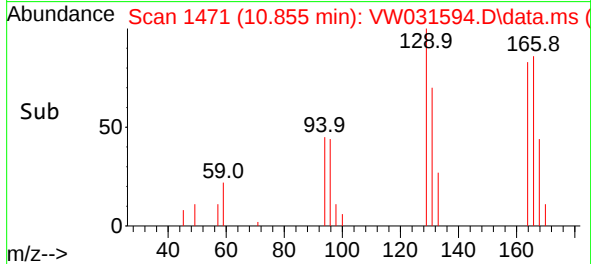


#46
Tetrachloroethene
Concen: 0.436 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW031594.D
Acq: 27 Jan 2025 15:41

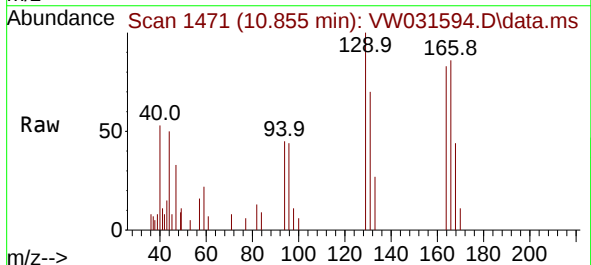
Instrument :
MSVOA_W
ClientSampleId :



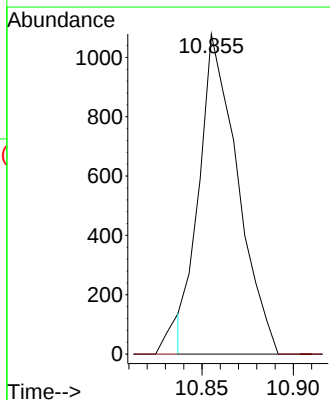
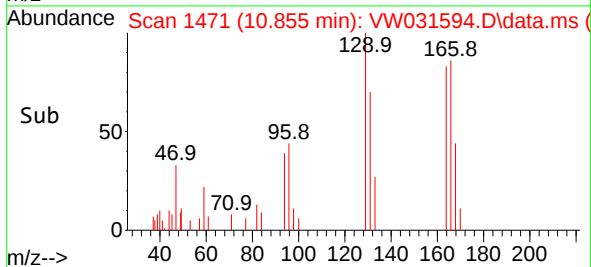
Tgt Ion:164 Resp: 1551
Ion Ratio Lower Upper
164 100
129 121.0 69.8 129.6
131 85.1 63.1 117.1
166 104.4 81.7 151.7

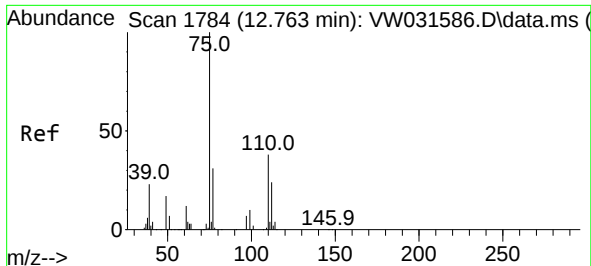


#49
Dibromochloromethane
Concen: 0.482 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.268 min
Lab File: VW031594.D
Acq: 27 Jan 2025 15:41



Tgt Ion:129 Resp: 1575
Ion Ratio Lower Upper
129 100
127 0.0 53.0 98.4#





#61

1,2,3-Trichloropropane

Concen: 0.603 ug/L

RT: 12.605 min Scan# 11

Delta R.T. -0.158 min

Lab File: VW031594.D

Acq: 27 Jan 2025 15:41

Instrument :

MSVOA_W

ClientSampleId :

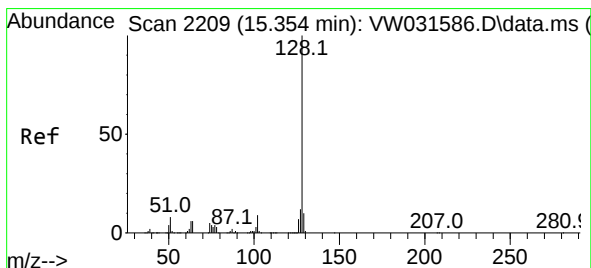
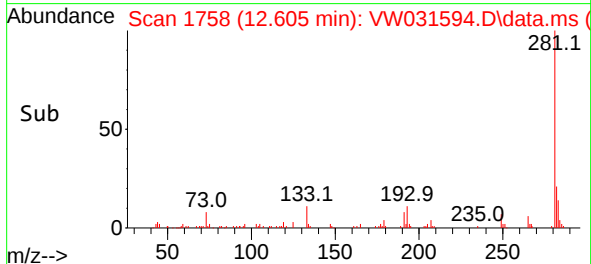
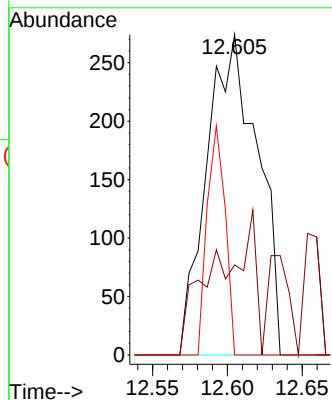
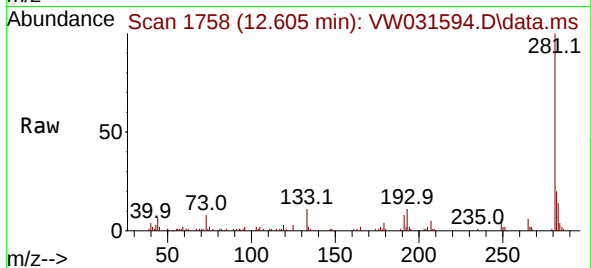
Tgt Ion: 75 Resp: 647

Ion Ratio Lower Upper

75 100

77 8.8 26.2 39.2#

110 25.3 29.6 44.4#



#71

Naphthalene

Concen: 14.914 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031594.D

Acq: 27 Jan 2025 15:41

Tgt Ion:128 Resp: 59750

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 11.0 8.7 13.1

