

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031616.D
 Acq On : 28 Jan 2025 14:15
 Operator : SY/MD
 Sample : Q1190-03RE
 Misc : 8.33g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 07:33:44 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)

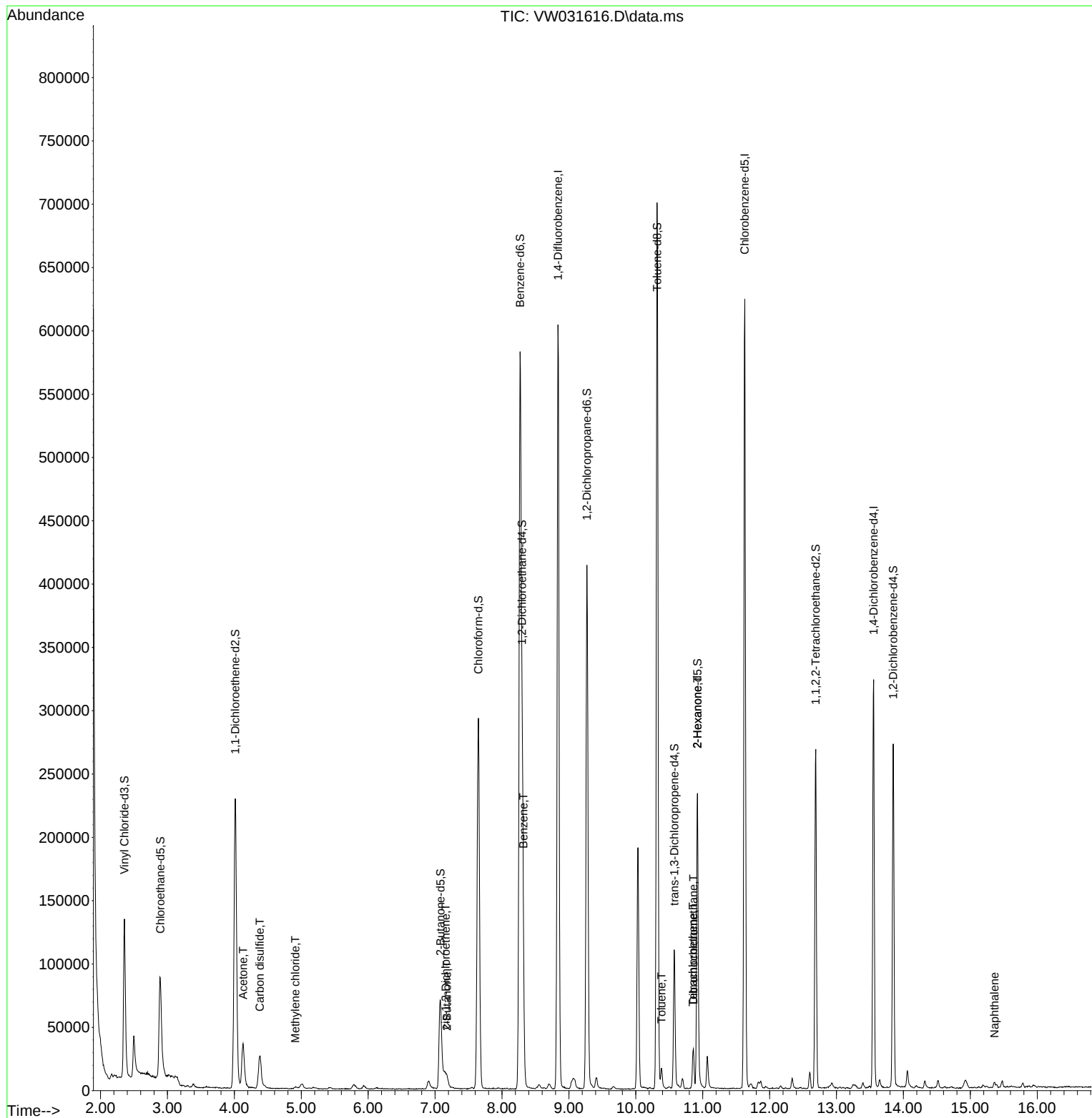
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	508774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	338349	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	83303	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	157124	19.681	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	78.720%	
7) Chloroethane-d5	2.893	69	123401	21.644	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	86.560%	
11) 1,1-Dichloroethene-d2	4.014	65	71315	20.077	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	80.320%	
21) 2-Butanone-d5	7.081	46	126387	98.480	ug/L	-0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	=	196.960%#	
24) Chloroform-d	7.648	84	304722	23.143	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	92.560%	
26) 1,2-Dichloroethane-d4	8.300	65	175226	27.038	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	108.160%	
32) Benzene-d6	8.270	84	602585	28.353	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	113.400%	
36) 1,2-Dichloropropane-d6	9.270	67	199874	31.852	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	127.400%#	
41) Toluene-d8	10.318	98	459668	23.959	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	95.840%	
43) trans-1,3-Dichloroprop...	10.574	79	61444	23.845	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	95.360%	
47) 2-Hexanone-d5	10.922	63	82450	128.753	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	257.500%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	137584	35.853	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	143.400%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	68660	23.500	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	94.000%	
Target Compounds						
					Qvalue	
13) Acetone	4.130	43	60963	61.721	ug/L #	61
14) Carbon disulfide	4.380	76	57608	2.526	ug/L	99
16) Methylene chloride	4.911	84	820	0.118	ug/L	85
20) cis-1,2-Dichloroethene	7.160	96	2427	0.313	ug/L	93
22) 2-Butanone	7.179	43	7542	4.471	ug/L	95
33) Benzene	8.319	78	32566	1.406	ug/L	100
42) Toluene	10.385	91	10597	0.438	ug/L	99
46) Tetrachloroethene	10.855	164	7169	1.605	ug/L	95
48) 2-Hexanone	10.922	43	10372	5.842	ug/L #	67
49) Dibromochloromethane	10.861	129	6879	1.676	ug/L #	12
71) Naphthalene	15.360	128	3856	0.660	ug/L	99

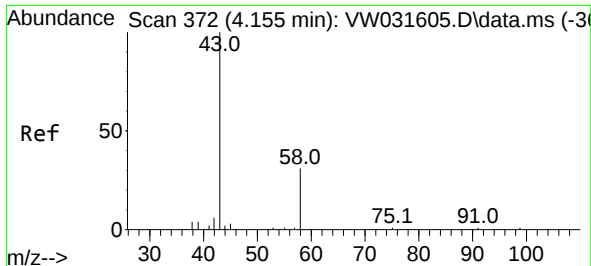
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 29 07:33:44 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

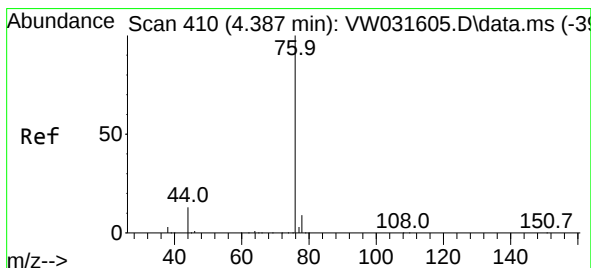
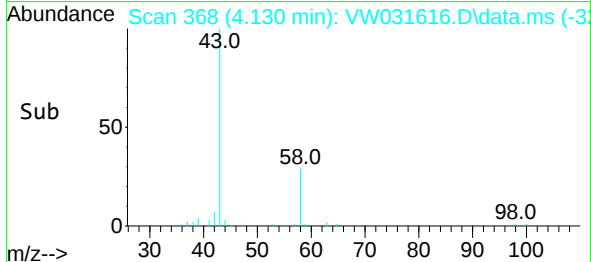
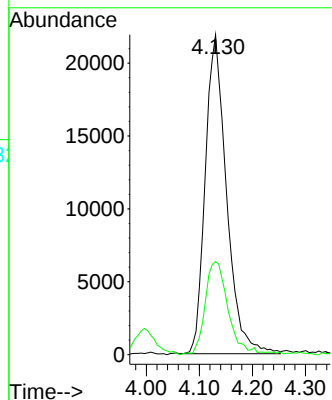
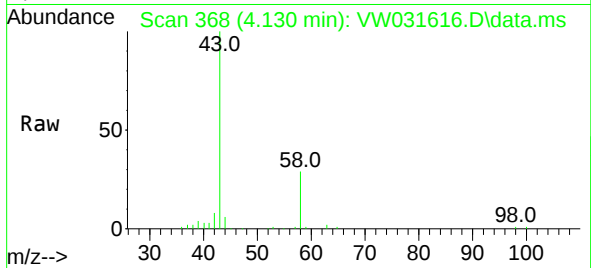




#13
Acetone
Concen: 61.721 ug/L
RT: 4.130 min Scan# 30
Delta R.T. -0.037 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

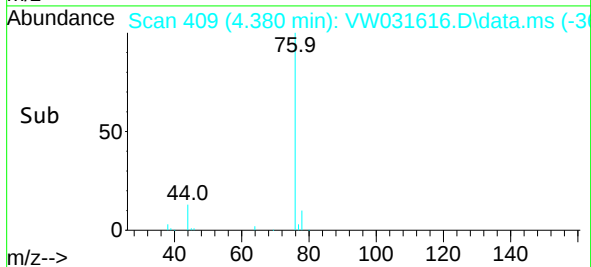
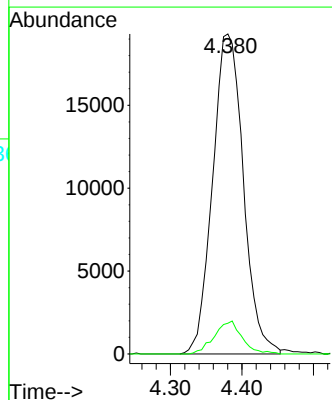
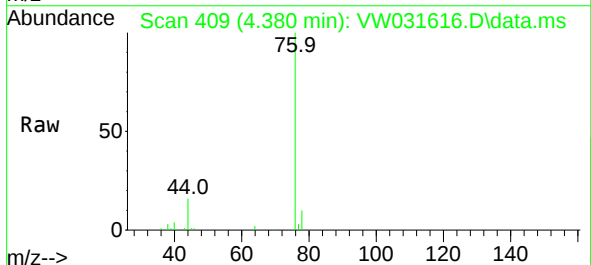
Instrument :
MSVOA_W
ClientSampleId :

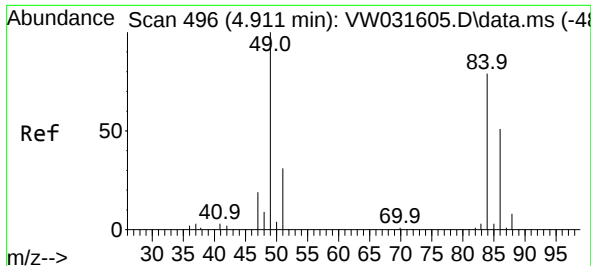
Tgt Ion: 43 Resp: 60963
Ion Ratio Lower Upper
43 100
58 29.9 0.0 28.2#



#14
Carbon disulfide
Concen: 2.526 ug/L
RT: 4.380 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

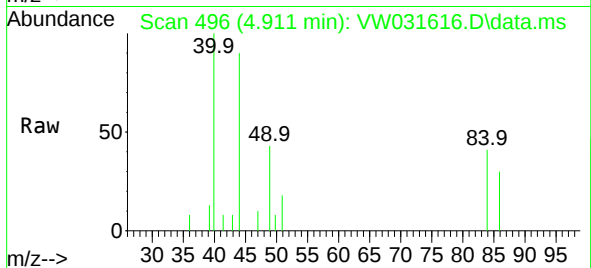
Tgt Ion: 76 Resp: 57608
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



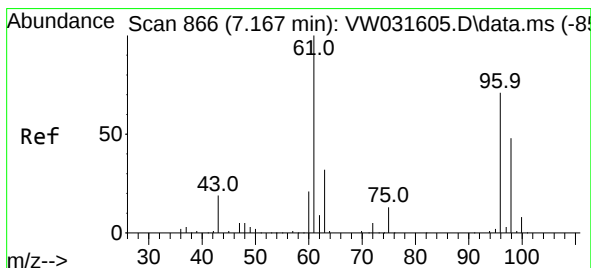
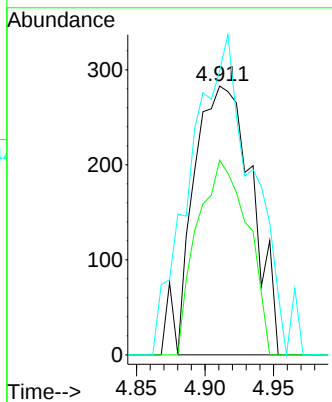
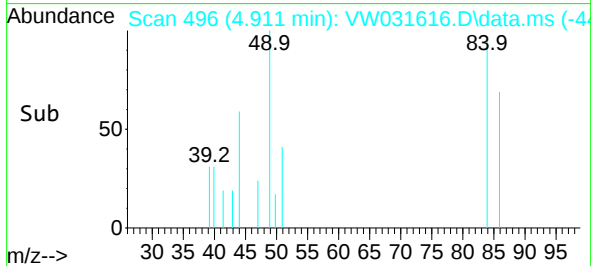


#16
Methylene chloride
Concen: 0.118 ug/L
RT: 4.911 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :

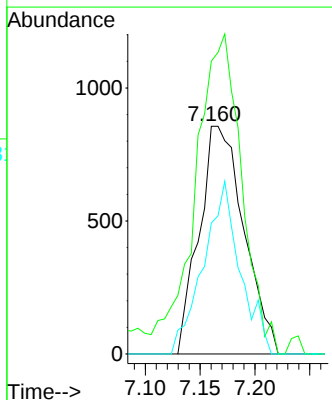
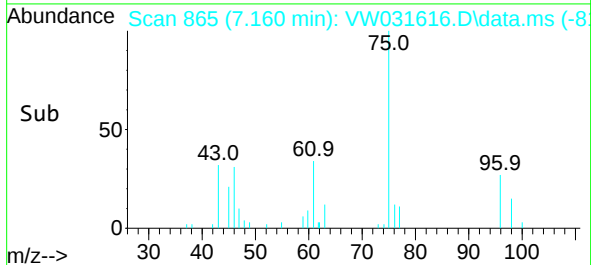
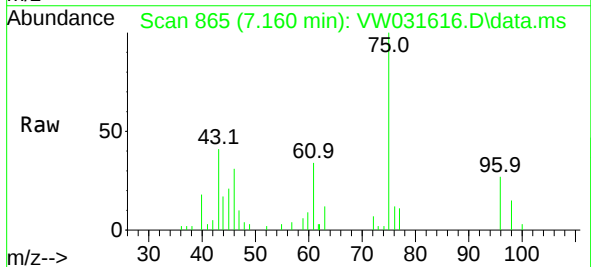


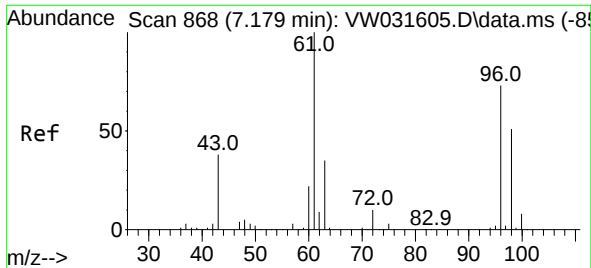
Tgt Ion: 84 Resp: 820
Ion Ratio Lower Upper
84 100
86 72.4 47.0 87.2
49 105.7 89.8 166.8



#20
cis-1,2-Dichloroethene
Concen: 0.313 ug/L
RT: 7.160 min Scan# 865
Delta R.T. -0.013 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

Tgt Ion: 96 Resp: 2427
Ion Ratio Lower Upper
96 100
61 128.6 94.8 176.2
98 57.5 45.6 84.8

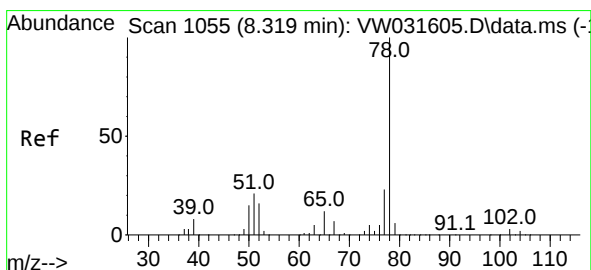
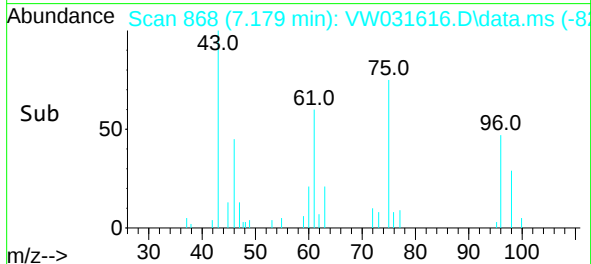
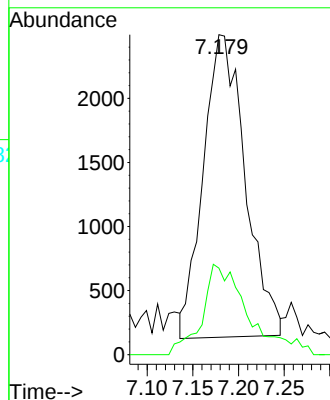
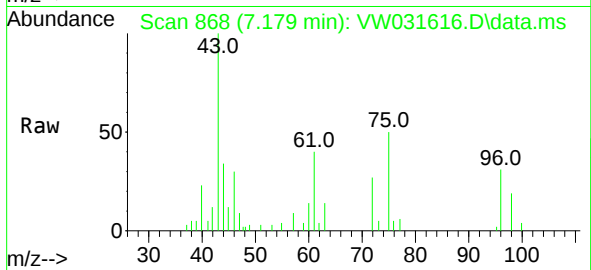




#22
2-Butanone
Concen: 4.471 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

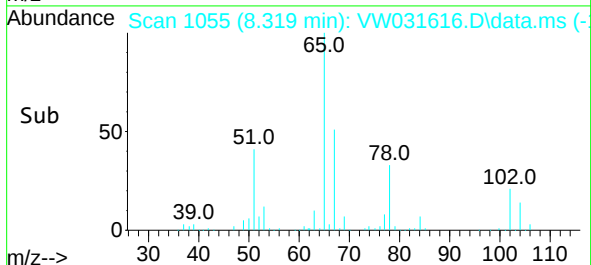
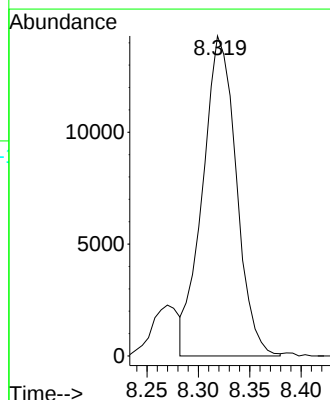
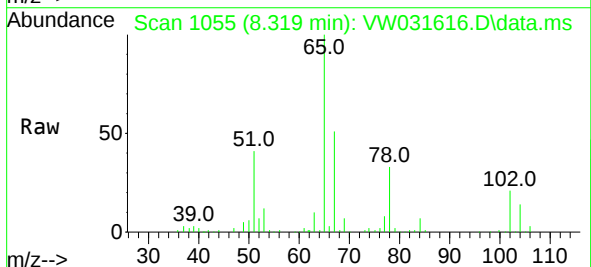
Instrument :
MSVOA_W
ClientSampleId :

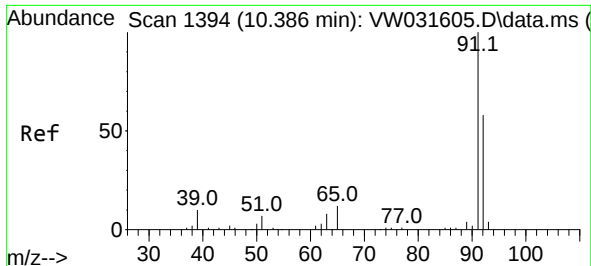
Tgt Ion: 43 Resp: 7542
Ion Ratio Lower Upper
43 100
72 29.1 13.2 39.5



#33
Benzene
Concen: 1.406 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

Tgt Ion: 78 Resp: 32566

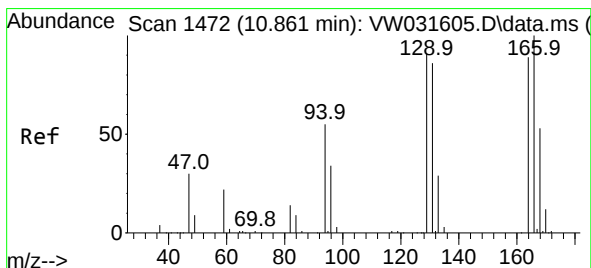
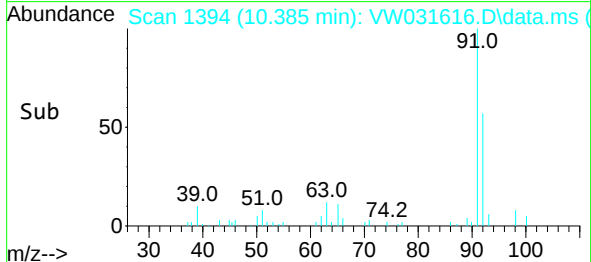
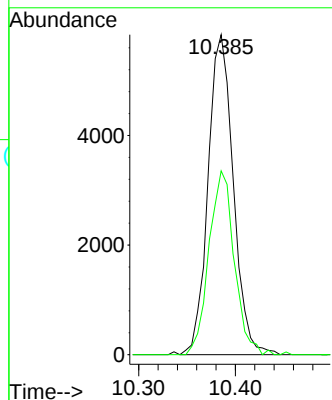
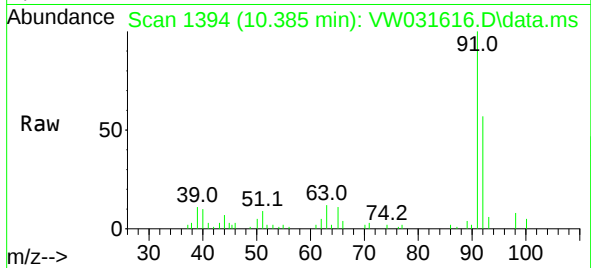




#42
Toluene
Concen: 0.438 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

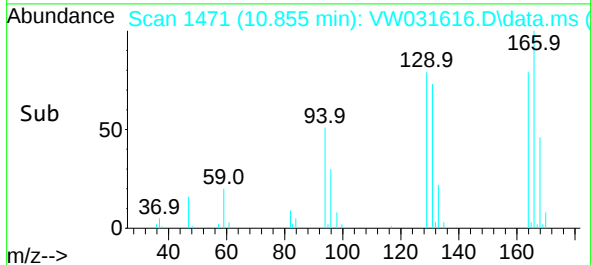
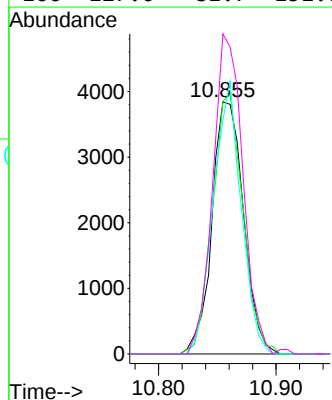
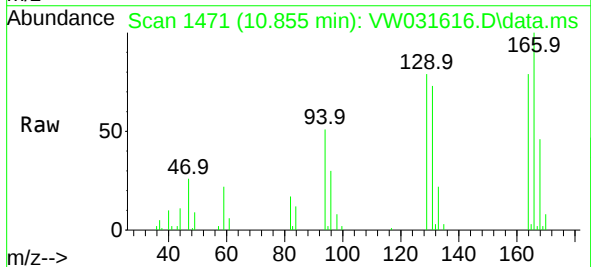
Instrument :
MSVOA_W
ClientSampleId :

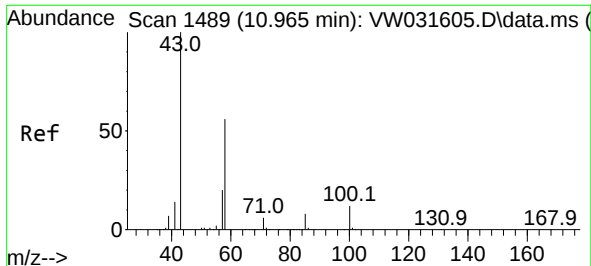
Tgt Ion: 91 Resp: 10597
Ion Ratio Lower Upper
91 100
92 57.5 40.6 75.4



#46
Tetrachloroethene
Concen: 1.605 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

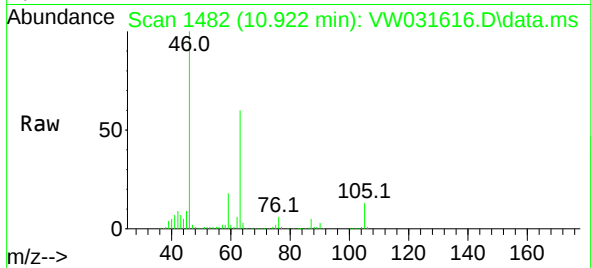
Tgt Ion: 164 Resp: 7169
Ion Ratio Lower Upper
164 100
129 100.4 69.8 129.6
131 92.8 63.1 117.1
166 127.0 81.7 151.7



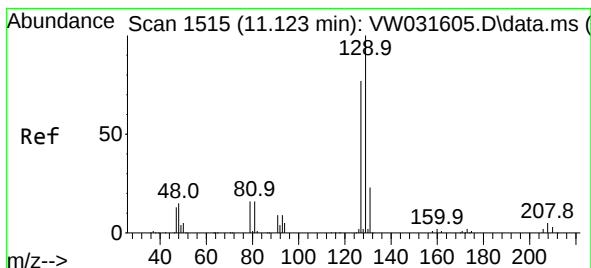
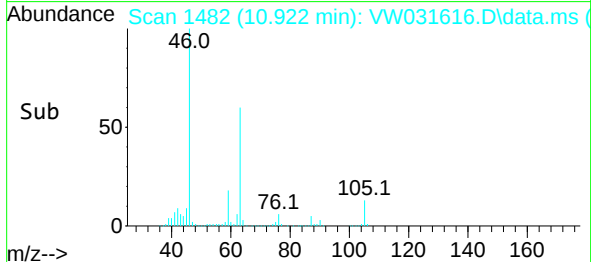
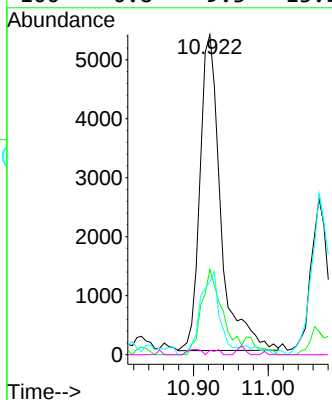


#48
2-Hexanone
Concen: 5.842 ug/L
RT: 10.922 min Scan# 1472
Delta R.T. -0.043 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :

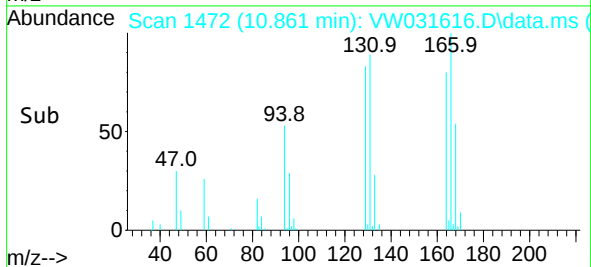
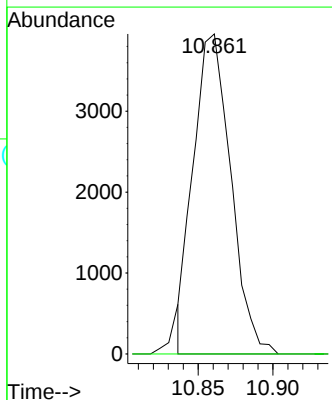
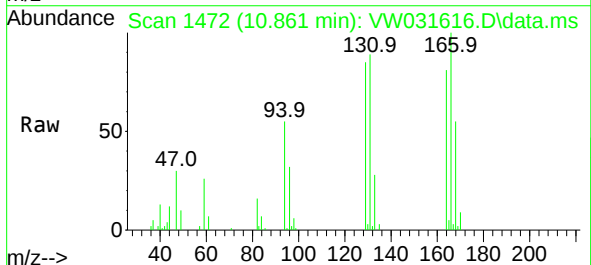


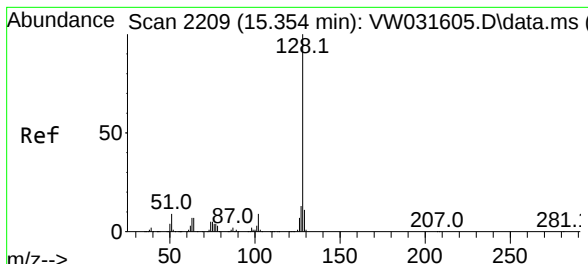
Tgt Ion: 43 Resp: 10372
Ion Ratio Lower Upper
43 100
58 25.3 44.8 67.2#
57 23.7 15.6 23.4#
100 0.8 9.3 13.9#



#49
Dibromochloromethane
Concen: 1.676 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.262 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

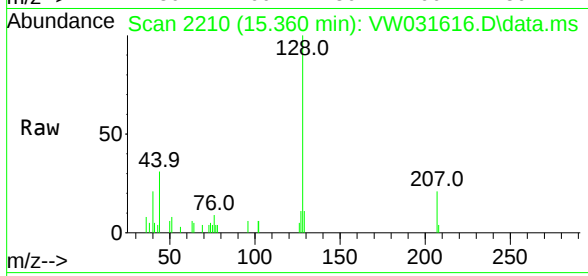
Tgt Ion: 129 Resp: 6879
Ion Ratio Lower Upper
129 100
127 0.0 53.0 98.4#





#71
Naphthalene
Concen: 0.660 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031616.D
Acq: 28 Jan 2025 14:15

Instrument :
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ClientSampleId :



Tgt Ion:	128	Resp:	3856
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.2	8.7	13.1

