

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026774.D
 Acq On : 18 Aug 2023 16:57
 Operator : SY/MD
 Sample : 04037-12
 Misc : 6.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 23:45:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 23:42:21 2023
 Response via : Initial Calibration

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

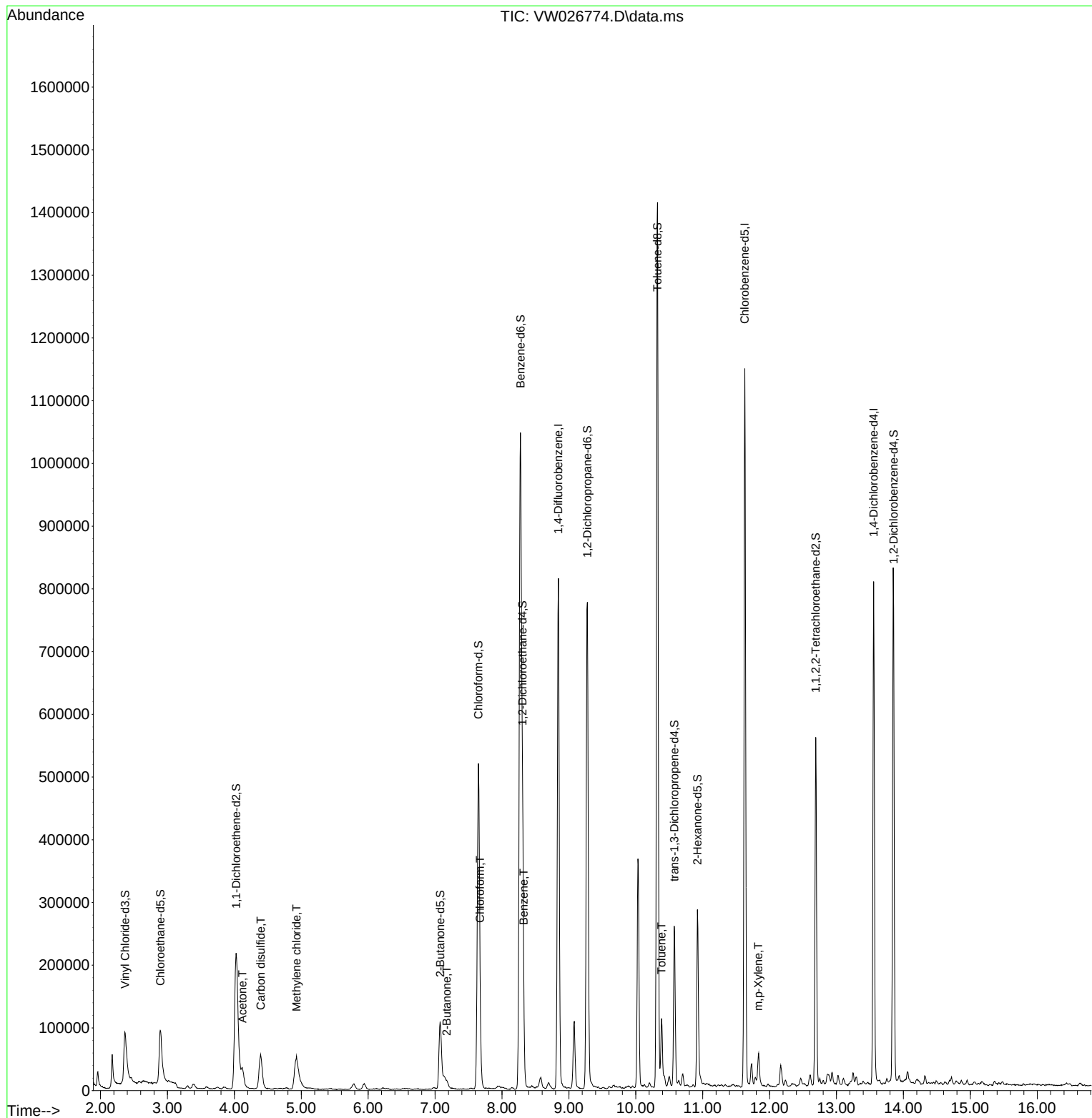
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	643844	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	592739	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	196964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	168950	15.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.840%
7) Chloroethane-d5	2.893	69	141929	18.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.120%
11) 1,1-Dichloroethene-d2	4.027	65	97029	18.639	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.560%
21) 2-Butanone-d5	7.075	46	184535	60.661	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.320%
24) Chloroform-d	7.648	84	511760	23.683	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	8.307	65	327518	27.465	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.840%
32) Benzene-d6	8.276	84	1070559	26.206	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.840%
36) 1,2-Dichloropropane-d6	9.276	67	354885	27.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.560%
41) Toluene-d8	10.325	98	915818	26.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.480%
43) trans-1,3-Dichloroprop...	10.575	79	142489	27.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.480%
47) 2-Hexanone-d5	10.922	63	93804	70.156	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.320%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	278891	27.753	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	13.855	152	198974	28.224	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.880%
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	42115	13.924	ug/L	95
14) Carbon disulfide	4.393	76	132319	3.865	ug/L	99
16) Methylene chloride	4.929	84	52861	4.244	ug/L	93
22) 2-Butanone	7.173	43	17872	4.009	ug/L	98
25) Chloroform	7.673	83	33424	1.583	ug/L	98
33) Benzene	8.325	78	32958	0.764	ug/L	100
42) Toluene	10.386	91	75317	1.725	ug/L	100
53) m,p-Xylene	11.830	106	13946	0.769	ug/L	95

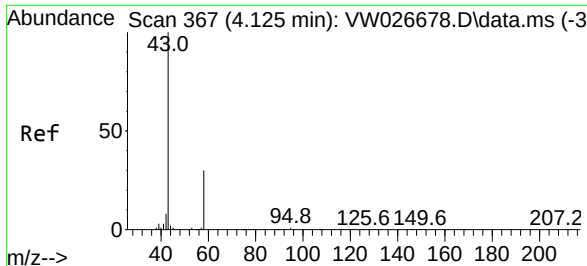
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 18 23:42:21 2023
Response via : Initial Calibration

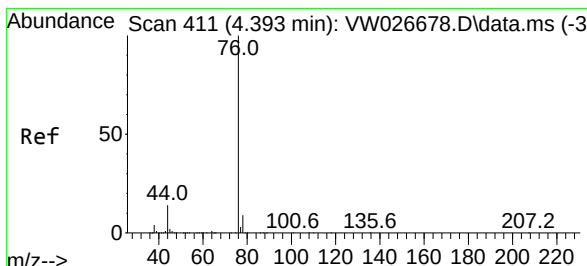
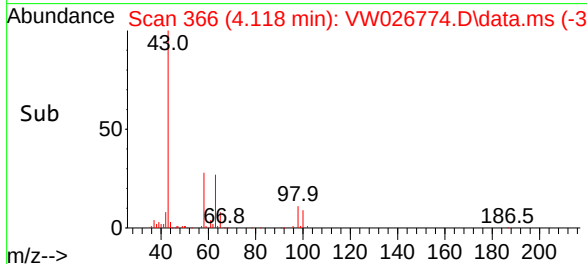
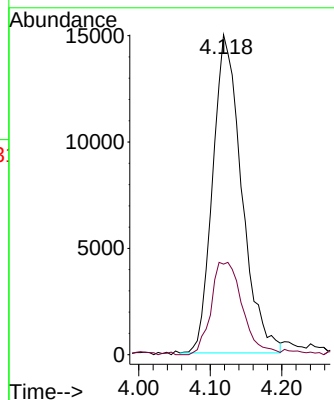
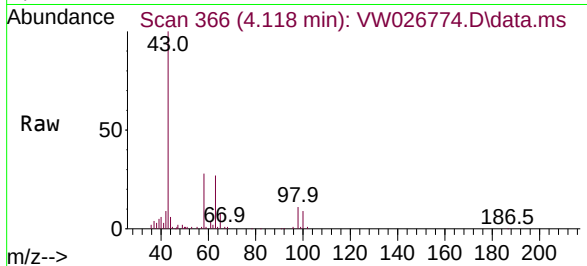




#13
Acetone
Concen: 13.924 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026774.D
Acq: 18 Aug 2023 16:57

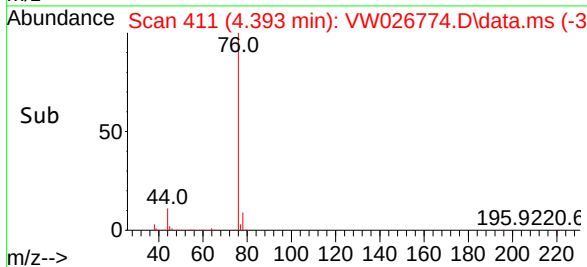
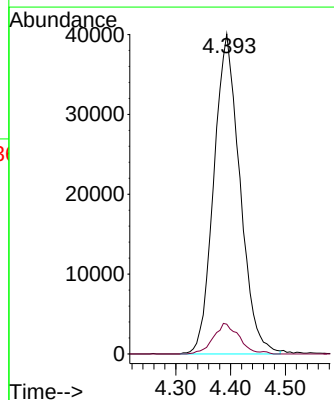
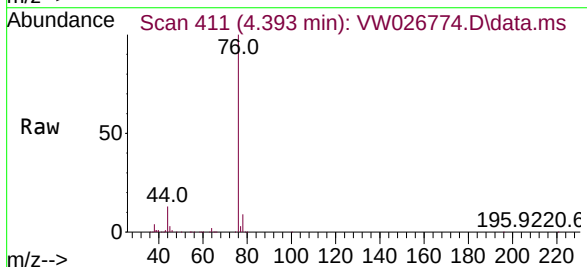
Instrument :
MSVOA_W
ClientSampleId :

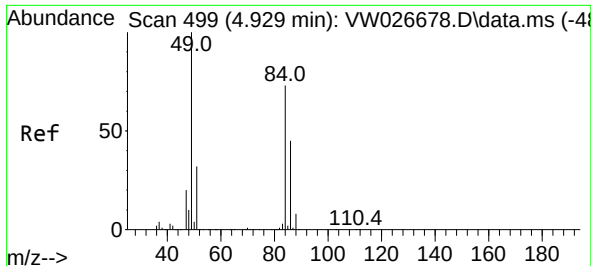
Tgt Ion: 43 Resp: 42115
Ion Ratio Lower Upper
43 100
58 31.3 0.0 57.4



#14
Carbon disulfide
Concen: 3.865 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026774.D
Acq: 18 Aug 2023 16:57

Tgt Ion: 76 Resp: 132319
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

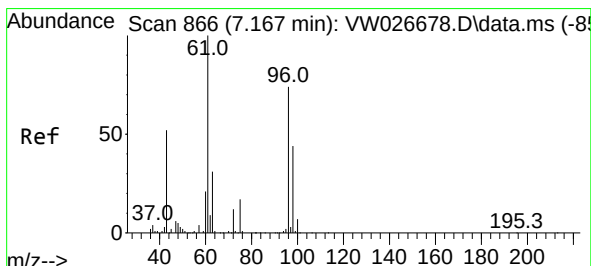
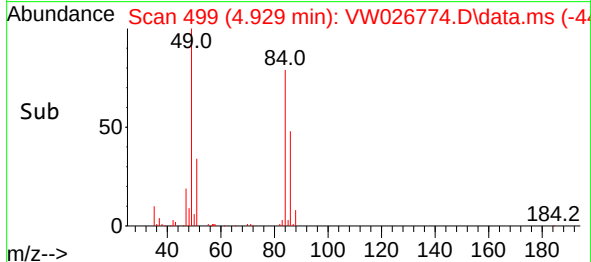
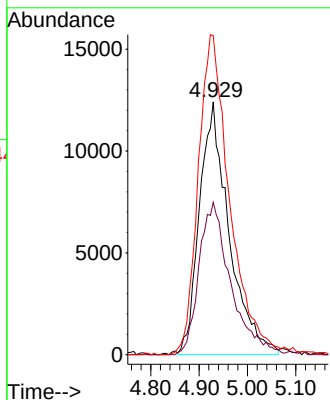
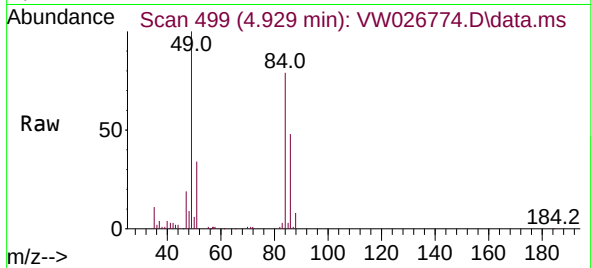




#16
Methylene chloride
Concen: 4.244 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW026774.D
Acq: 18 Aug 2023 16:57

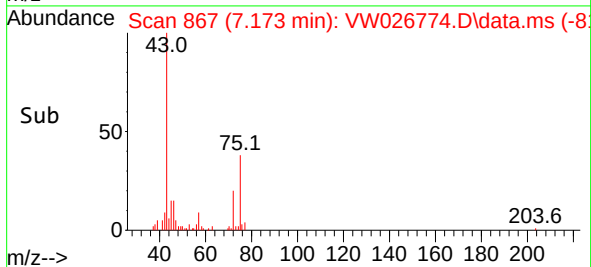
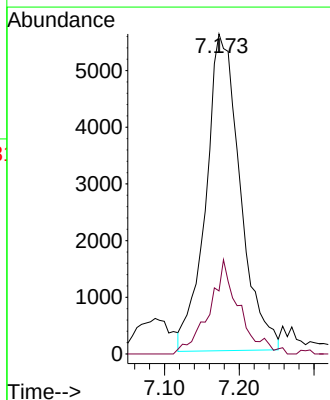
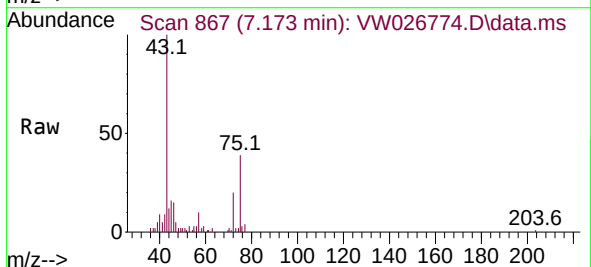
Instrument :
MSVOA_W
ClientSampleId :

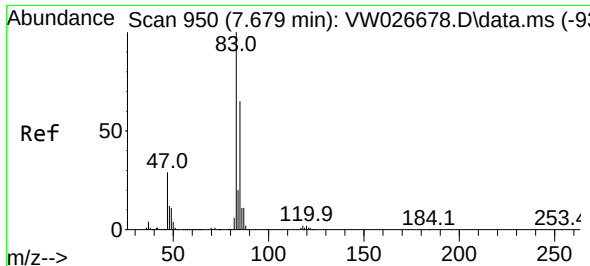
Tgt Ion	Ratio	Lower	Upper
84	100		
86	60.2	43.5	80.9
49	126.2	96.0	178.2



#22
2-Butanone
Concen: 4.009 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026774.D
Acq: 18 Aug 2023 16:57

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.6	11.8	35.4

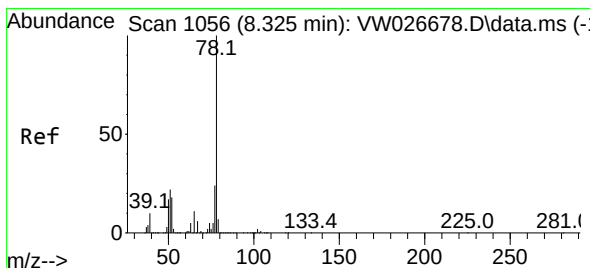
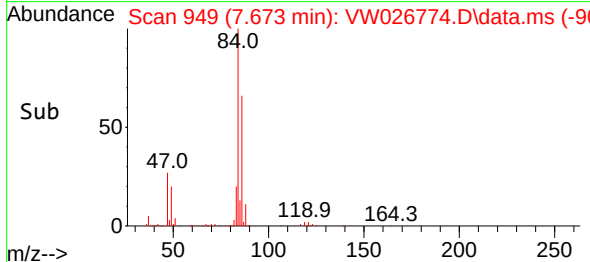
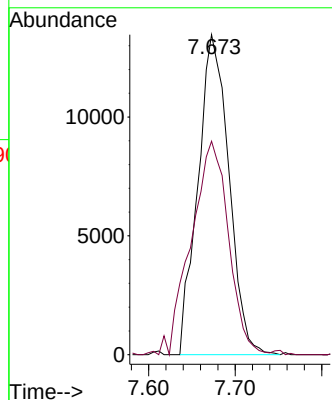
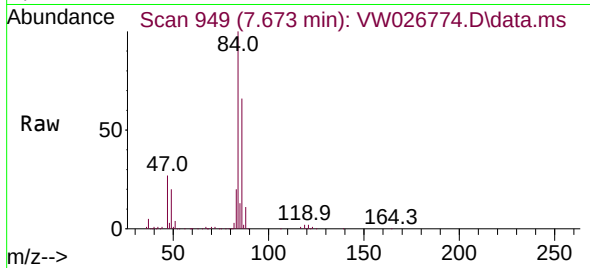




#25
Chloroform
Concen: 1.583 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026774.D
Acq: 18 Aug 2023 16:57

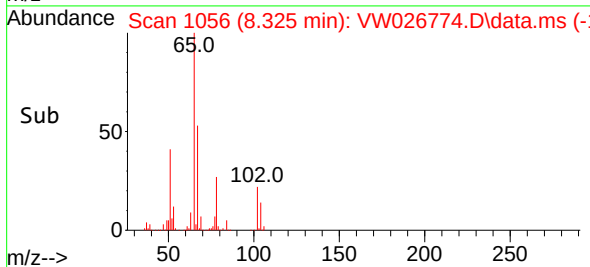
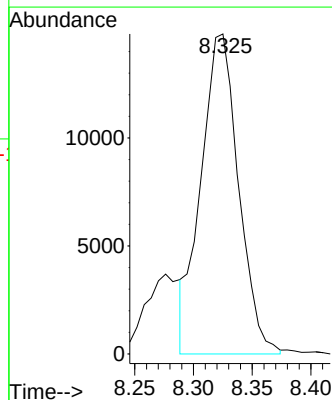
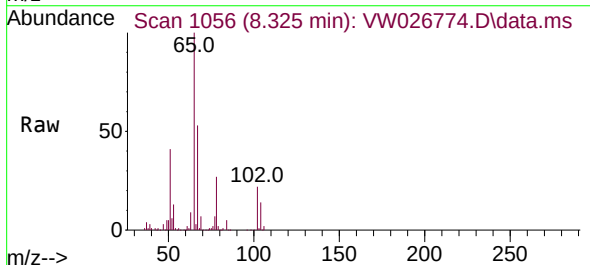
Instrument :
MSVOA_W
ClientSampleId :

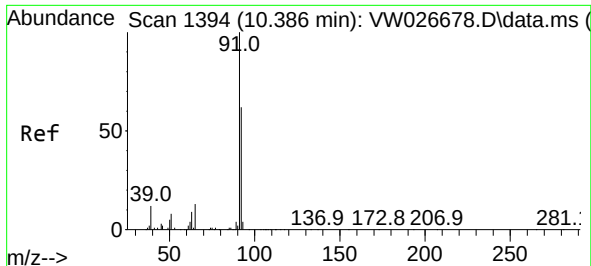
Tgt Ion: 83 Resp: 33424
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.2



#33
Benzene
Concen: 0.764 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026774.D
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Tgt Ion: 78 Resp: 32958

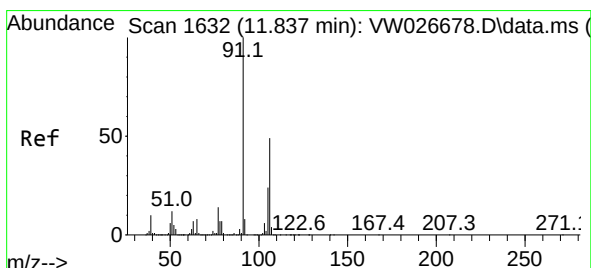
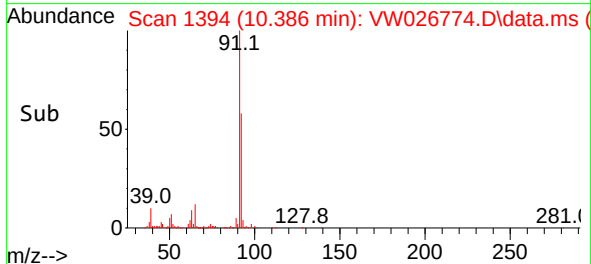
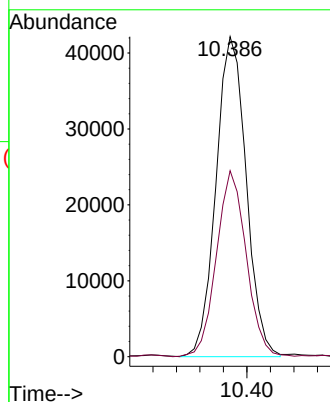
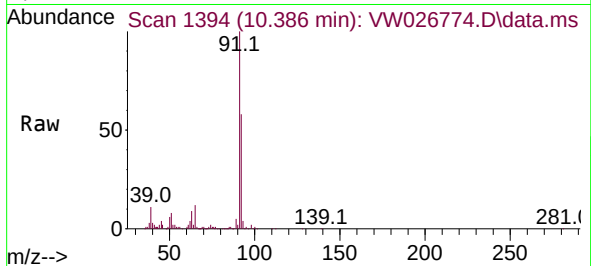




#42
Toluene
Concen: 1.725 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026774.D
Acq: 18 Aug 2023 16:57

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 75317
Ion Ratio Lower Upper
91 100
92 58.1 40.8 75.8



#53
m,p-Xylene
Concen: 0.769 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW026774.D
Acq: 18 Aug 2023 16:57

Tgt Ion: 106 Resp: 13946
Ion Ratio Lower Upper
106 100
91 210.8 152.9 284.1

