

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027958.D
 Acq On : 05 Feb 2024 16:55
 Operator : SY/MD
 Sample : P1352-03
 Misc : 5.80g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 06 04:08:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 04:06:06 2024
 Response via : Initial Calibration

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

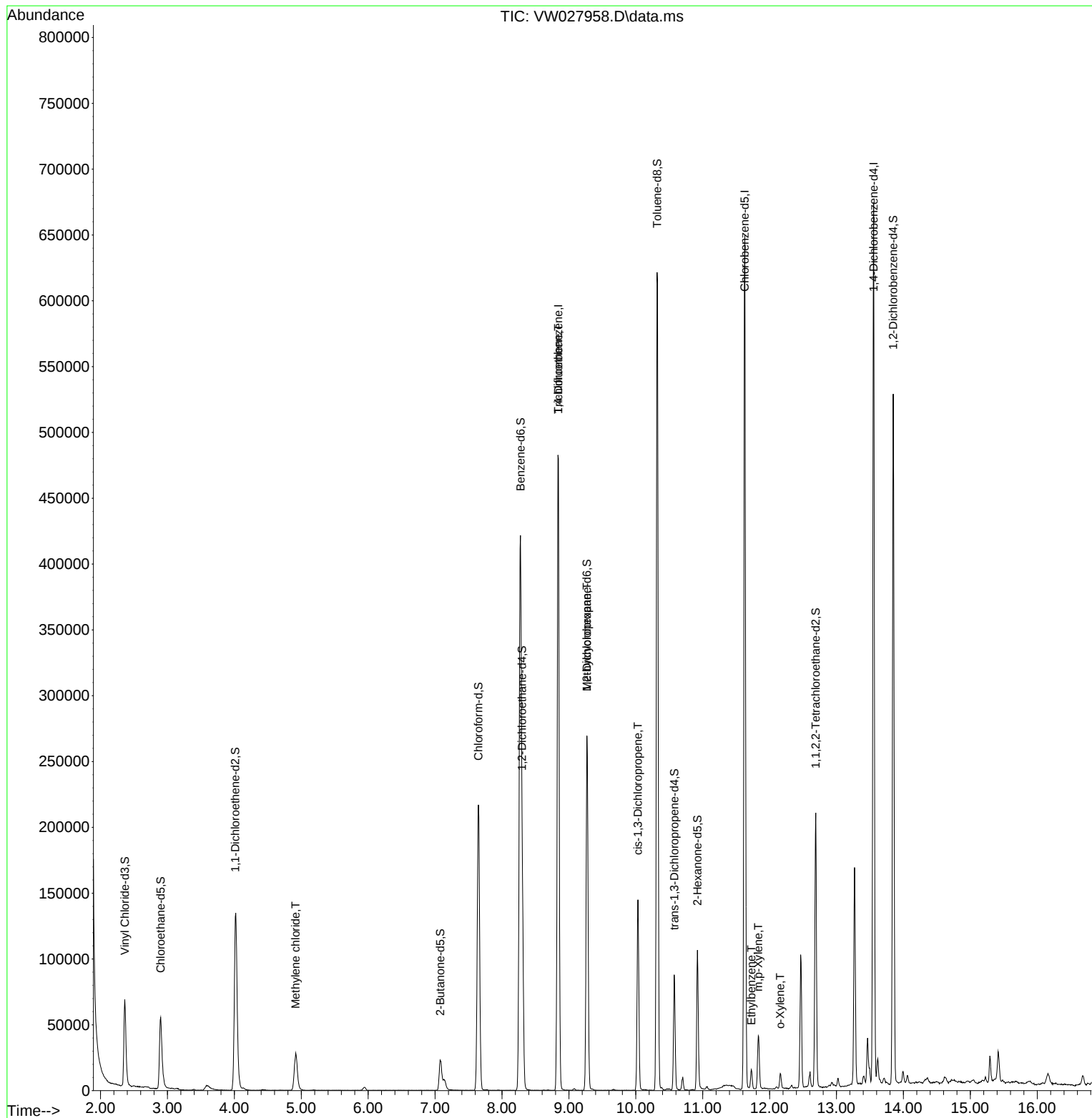
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	444618	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	388520	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	183604	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	91502	17.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.280%
7) Chloroethane-d5	2.899	69	85602	21.673	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.680%
11) 1,1-Dichloroethene-d2	4.015	65	45033	20.210	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.840%
21) 2-Butanone-d5	7.075	46	38721	47.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.700%
24) Chloroform-d	7.648	84	237443	22.839	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.360%
26) 1,2-Dichloroethane-d4	8.300	65	113412	24.154	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	8.276	84	472887	22.749	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	9.270	67	127750	22.667	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.680%
41) Toluene-d8	10.318	98	449035	22.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.320%
43) trans-1,3-Dichloroprop...	10.574	79	50416	21.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.000%
47) 2-Hexanone-d5	10.922	63	38209	49.841	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98345	23.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	137191	21.984	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.920%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.917	84	26146	4.705	ug/L	95
34) Trichloroethene	8.843	95	13033	2.340	ug/L #	4
35) Methylcyclohexane	9.270	83	35138	3.833	ug/L #	23
39) cis-1,3-Dichloropropene	10.032	75	3864	0.529	ug/L #	72
52) Ethylbenzene	11.727	91	10982	0.448	ug/L	97
53) m,p-Xylene	11.830	106	13690	1.423	ug/L	96
54) o-Xylene	12.160	106	3352	0.372	ug/L	92

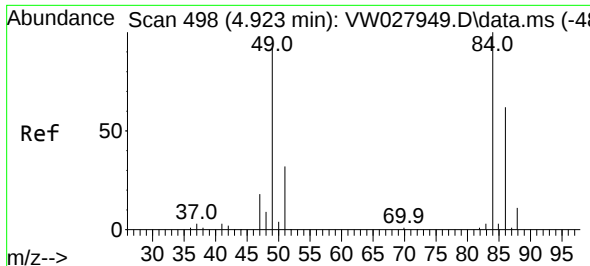
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :

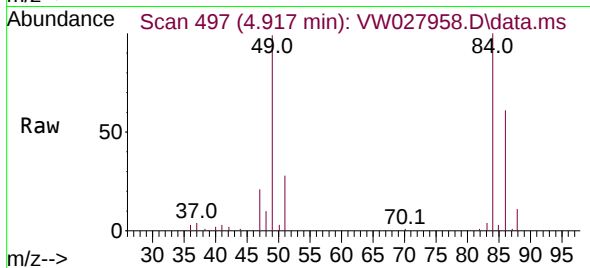
Quant Time: Feb 06 04:08:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 06 04:06:06 2024
Response via : Initial Calibration



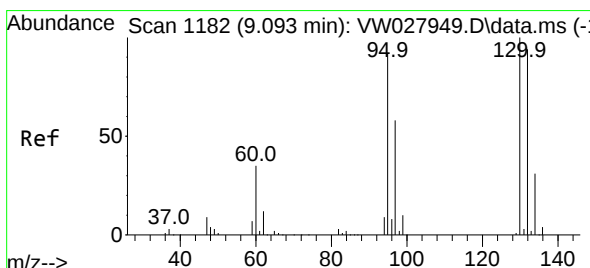
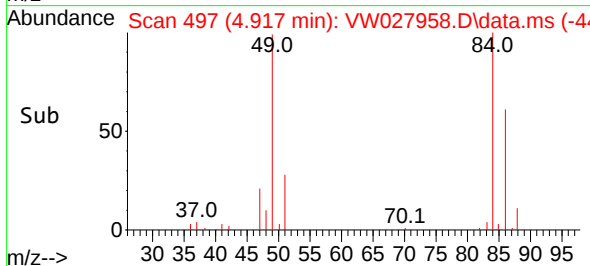
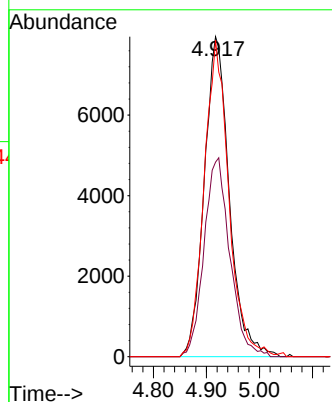


#16
Methylene chloride
Concen: 4.705 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027958.D
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MSVOA_W
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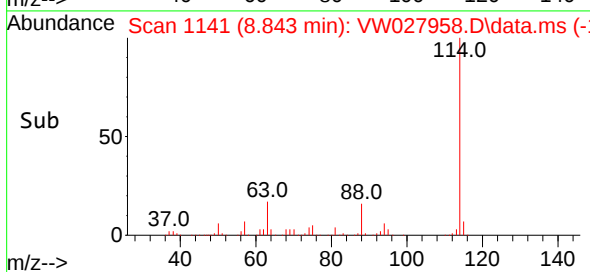
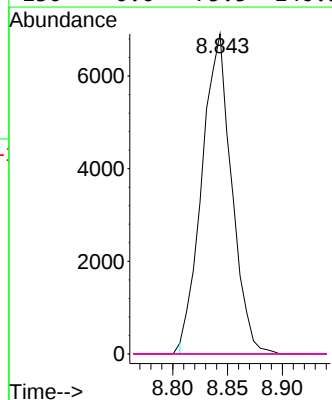
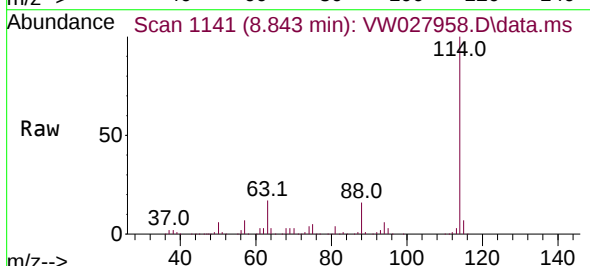


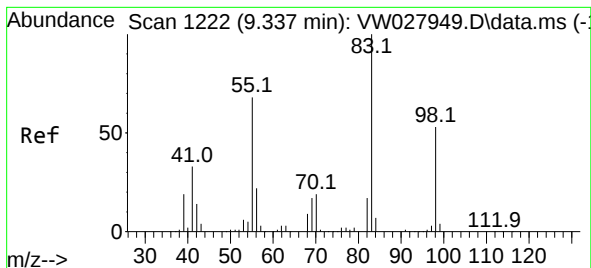
Tgt Ion:	84	Resp:	26146
Ion	Ratio	Lower	Upper
84	100		
86	60.8	45.4	84.4
49	98.9	66.3	123.1



#34
Trichloroethene
Concen: 2.340 ug/L
RT: 8.843 min Scan# 1141
Delta R.T. -0.250 min
Lab File: VW027958.D
Acq: 05 Feb 2024 16:55

Tgt Ion:	95	Resp:	13033
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	68.0	126.2#
130	0.0	75.5	140.3#





#35

Methylcyclohexane

Concen: 3.833 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.067 min

Lab File: VW027958.D

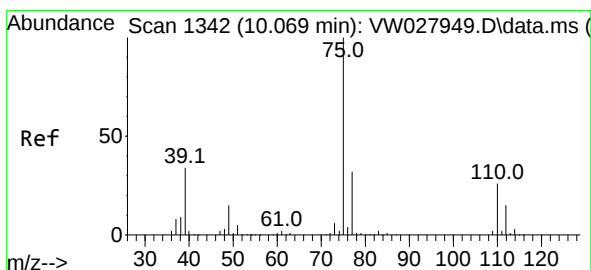
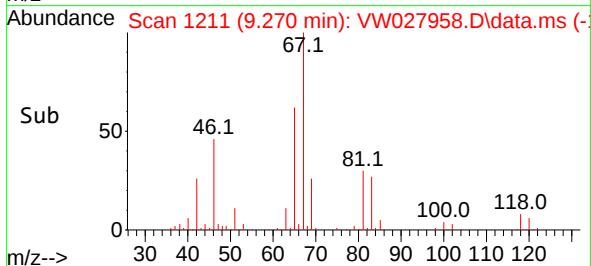
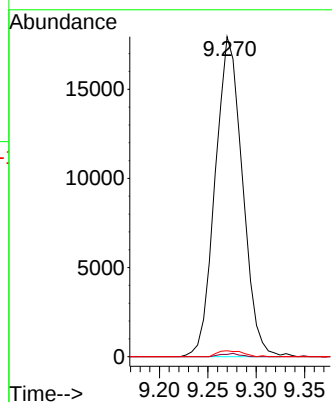
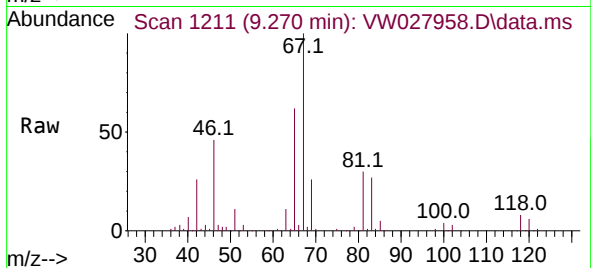
Acq: 05 Feb 2024 16:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	35138
Ion	Ratio	Lower	Upper
83	100		
55	0.7	52.3	78.5#
98	1.7	41.9	62.9#



#39

cis-1,3-Dichloropropene

Concen: 0.529 ug/L

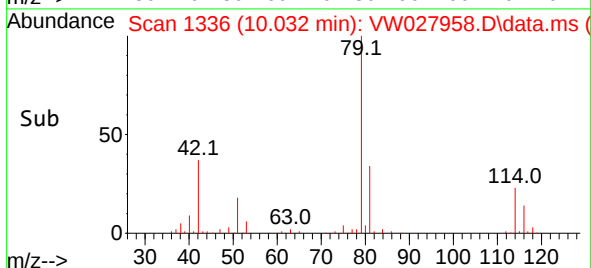
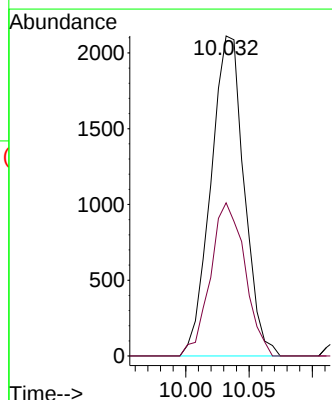
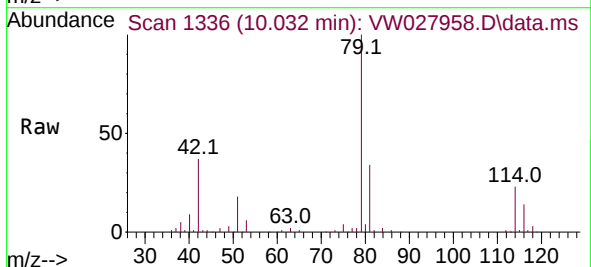
RT: 10.032 min Scan# 1336

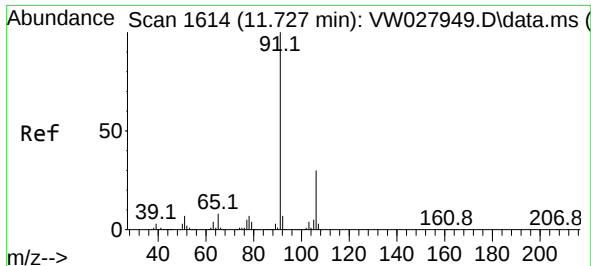
Delta R.T. -0.037 min

Lab File: VW027958.D

Acq: 05 Feb 2024 16:55

Tgt Ion:	75	Resp:	3864
Ion	Ratio	Lower	Upper
75	100		
77	47.9	22.4	41.6#

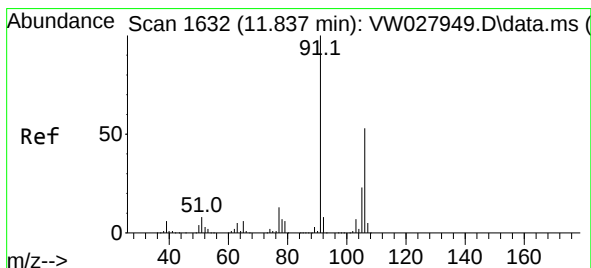
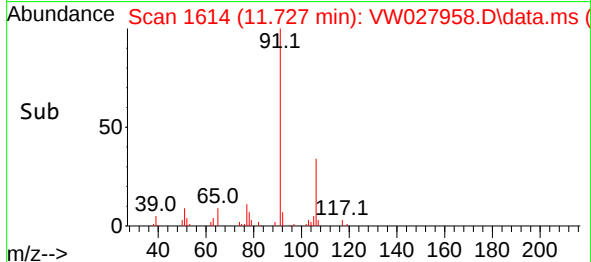
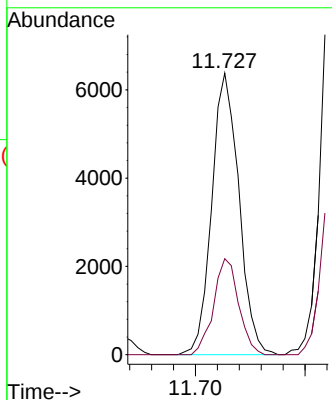
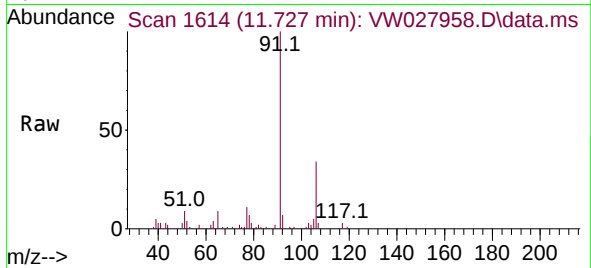




#52
Ethylbenzene
Concen: 0.448 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027958.D
Acq: 05 Feb 2024 16:55

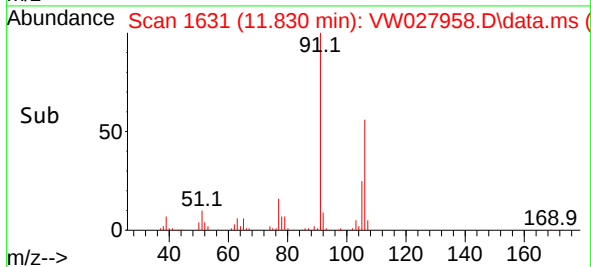
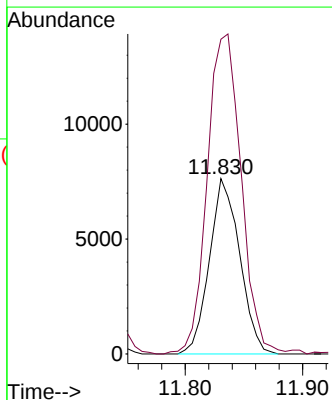
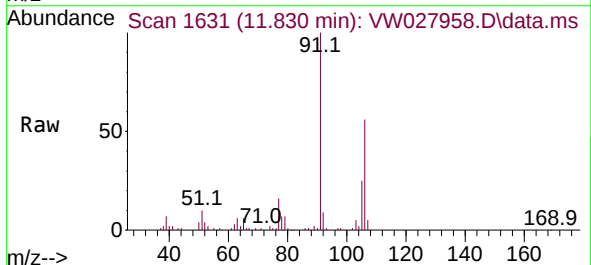
Instrument :
MSVOA_W
ClientSampleId :

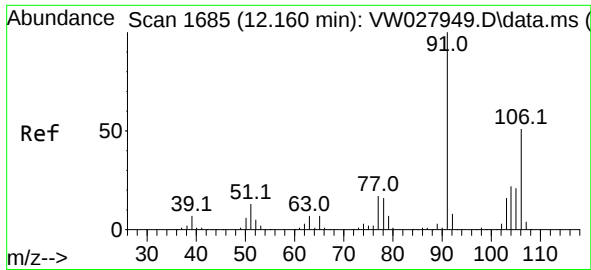
Tgt Ion: 91 Resp: 10982
Ion Ratio Lower Upper
91 100
106 34.1 22.8 42.4



#53
m,p-Xylene
Concen: 1.423 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW027958.D
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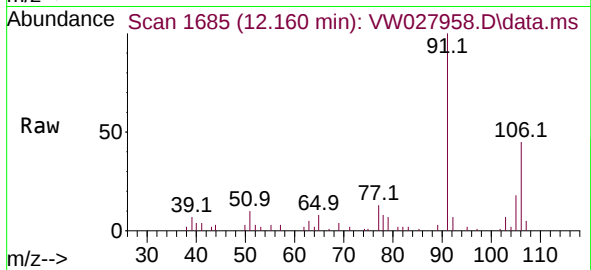
Tgt Ion:106 Resp: 13690
Ion Ratio Lower Upper
106 100
91 179.4 130.0 241.4





#54
 o-Xylene
 Concen: 0.372 ug/L
 RT: 12.160 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW027958.D
 Acq: 05 Feb 2024 16:55

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:106 Resp: 3352
 Ion Ratio Lower Upper
 106 100
 91 221.1 146.4 272.0

