

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
 Data File : VW027089.D
 Acq On : 13 Sep 2023 13:38
 Operator : SY/MD
 Sample : 04330-15RE
 Misc : 5.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 14 05:44:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

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

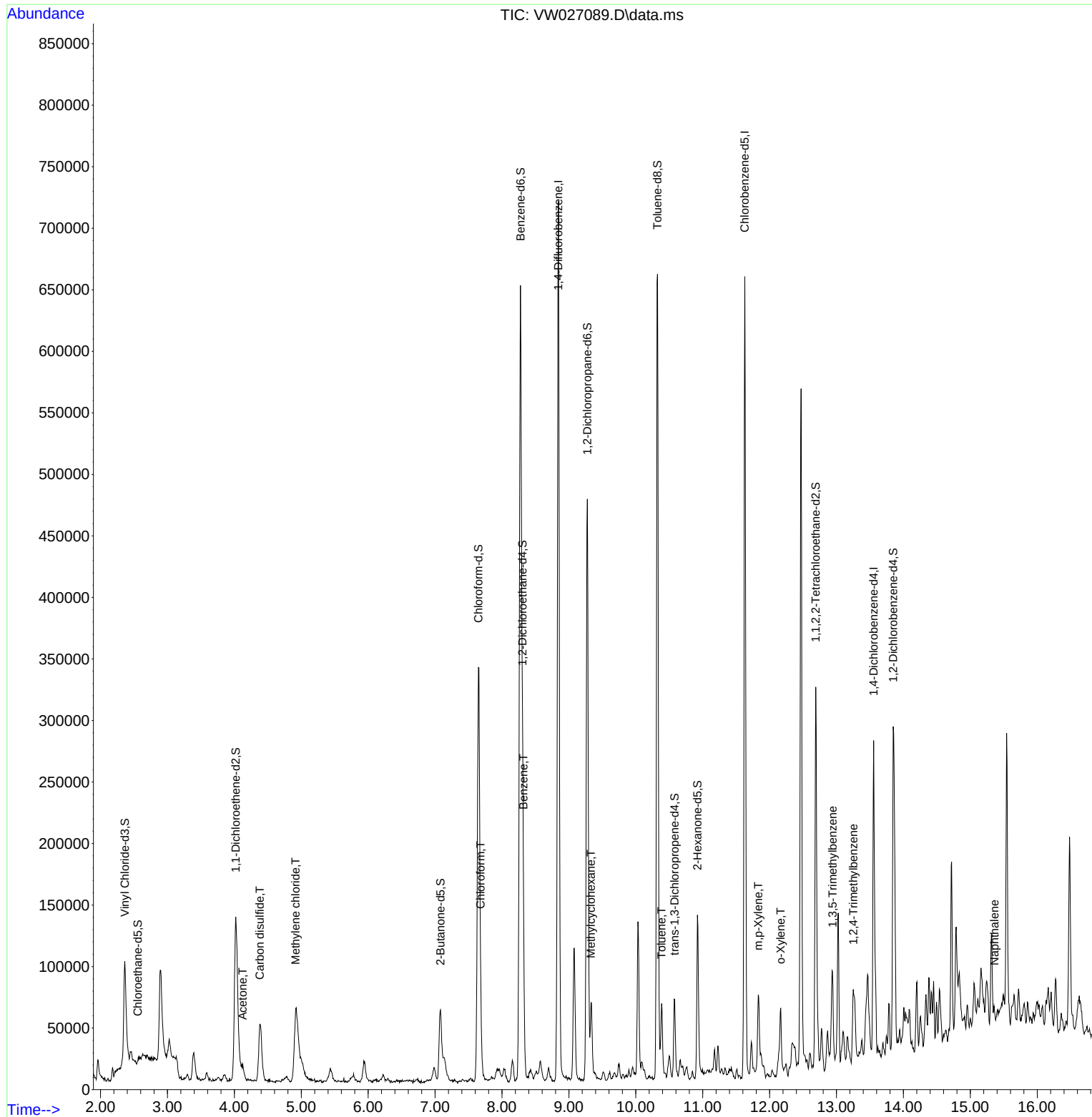
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	610292	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	376956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	69564	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	123271	11.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.240%
7) Chloroethane-d5	2.558	69	377	0.043	ug/L	-0.34
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.160%#
11) 1,1-Dichloroethene-d2	4.021	65	54401	13.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.160%
21) 2-Butanone-d5	7.081	46	99122	47.181	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.360%
24) Chloroform-d	7.648	84	343576	18.919	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.680%
26) 1,2-Dichloroethane-d4	8.307	65	179421	18.797	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.200%
32) Benzene-d6	8.276	84	688271	27.837	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.360%
36) 1,2-Dichloropropane-d6	9.276	67	233799	32.209	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.840%#
41) Toluene-d8	10.325	98	455568	20.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	10.581	79	38265	13.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.320%
47) 2-Hexanone-d5	10.922	63	44902	66.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	149682	26.572	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	72542	30.151	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.600%#
Target Compounds						Qvalue
13) Acetone	4.125	43	13561	7.372	ug/L	86
14) Carbon disulfide	4.381	76	116089	4.198	ug/L	97
16) Methylene chloride	4.917	84	61344	5.188	ug/L	87
25) Chloroform	7.679	83	40228	2.306	ug/L	96
33) Benzene	8.319	78	26589	1.031	ug/L	100
35) Methylcyclohexane	9.331	83	22261	1.978	ug/L	92
42) Toluene	10.386	91	43765	1.650	ug/L	97
53) m,p-Xylene	11.831	106	19400	1.744	ug/L	99
54) o-Xylene	12.166	106	14134	1.358	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	26493	3.484	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	31738	4.269	ug/L	95
71) Naphthalene	15.360	128	15466	3.565	ug/L	97

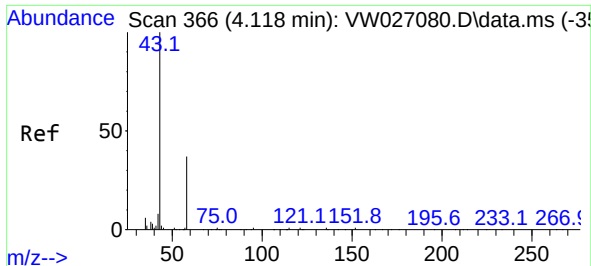
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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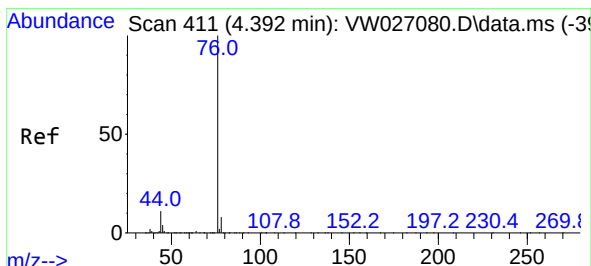
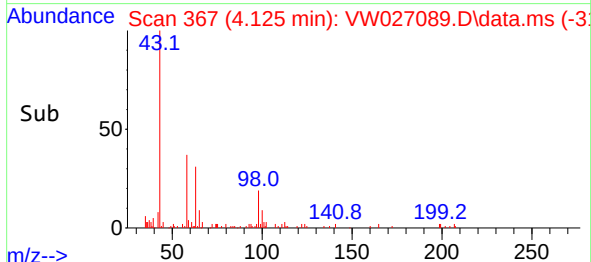
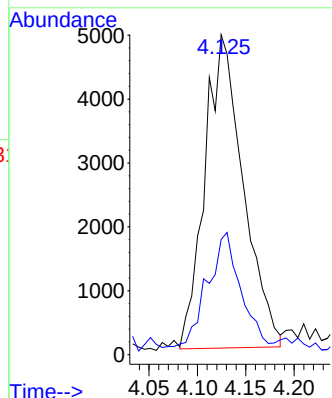
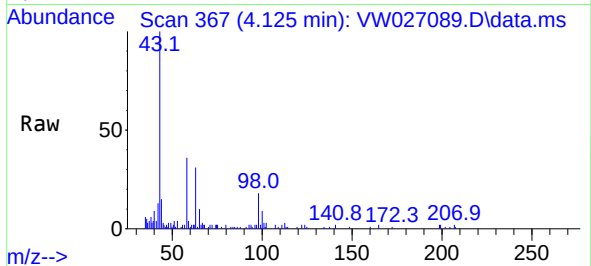




#13
Acetone
Concen: 7.372 ug/L
RT: 4.125 min Scan# 309
Delta R.T. 0.006 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

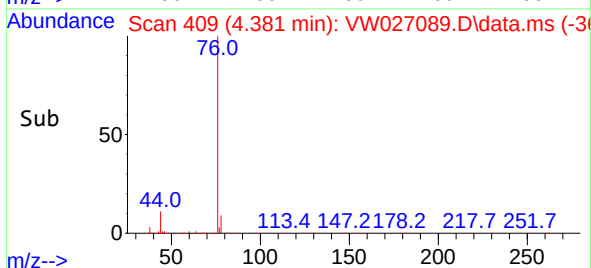
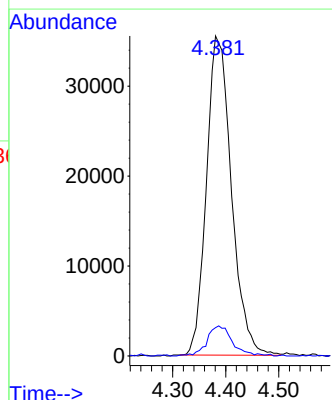
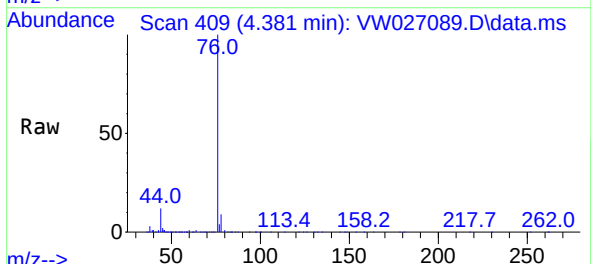
Instrument :
MSVOA_W
ClientSampleId :

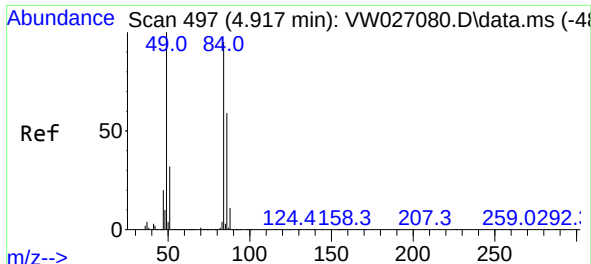
Tgt Ion: 43 Resp: 13561
Ion Ratio Lower Upper
43 100
58 25.1 0.0 66.4



#14
Carbon disulfide
Concen: 4.198 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.012 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

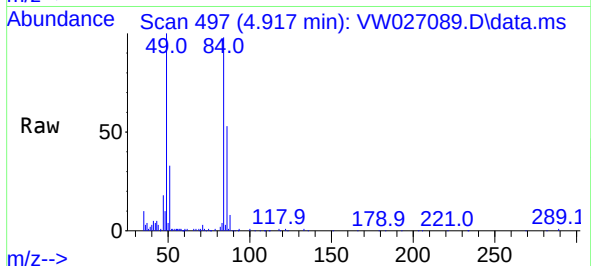
Tgt Ion: 76 Resp: 116089
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8





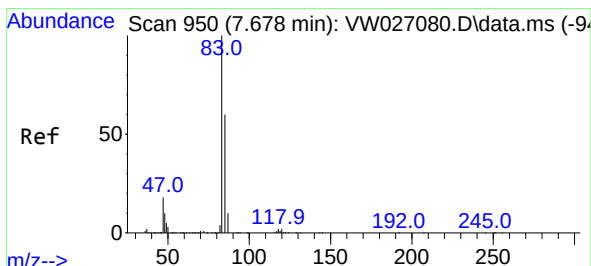
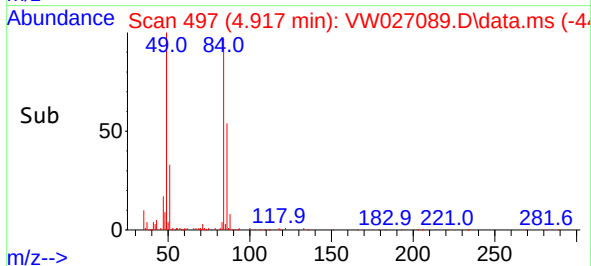
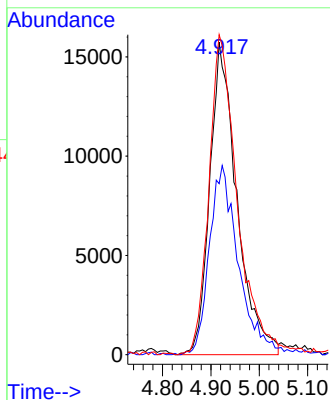
#16
Methylene chloride
Concen: 5.188 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 61344

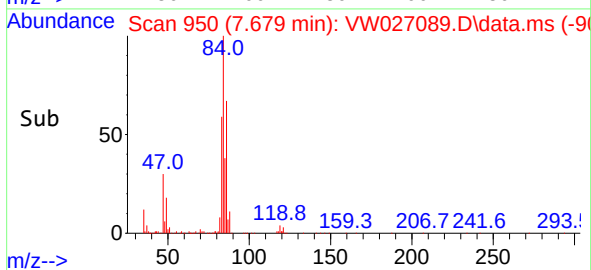
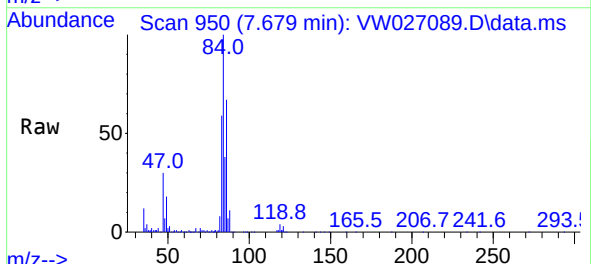
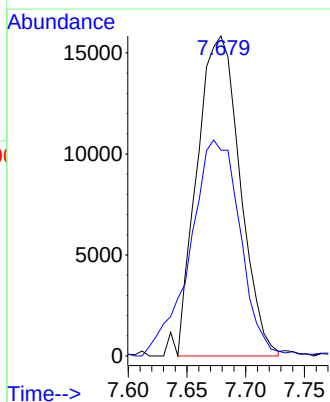
Ion	Ratio	Lower	Upper
84	100		
86	54.7	44.1	81.9
49	102.4	82.1	152.5

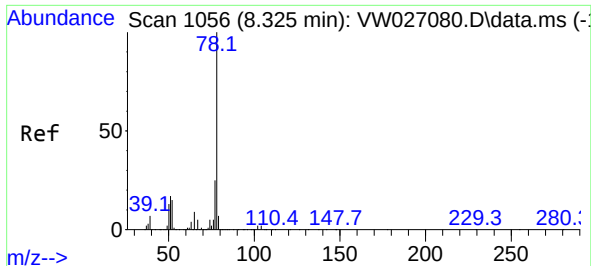


#25
Chloroform
Concen: 2.306 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

Tgt Ion: 83 Resp: 40228

Ion	Ratio	Lower	Upper
83	100		
85	64.3	47.3	87.9

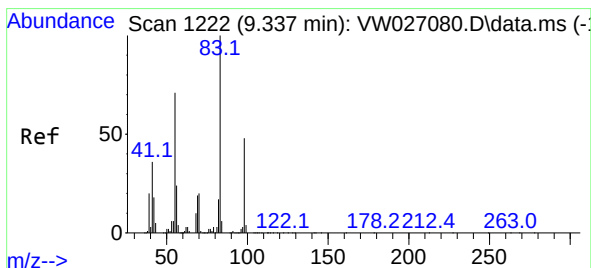
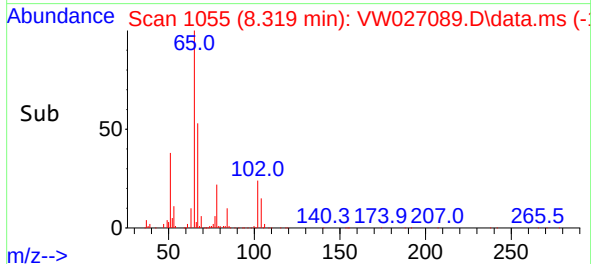
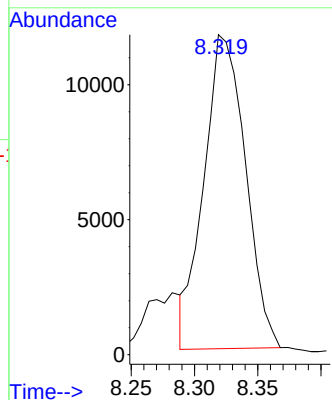
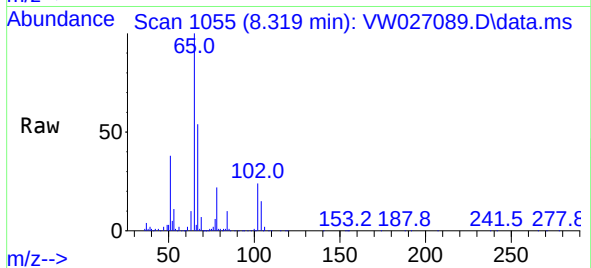




#33
Benzene
Concen: 1.031 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

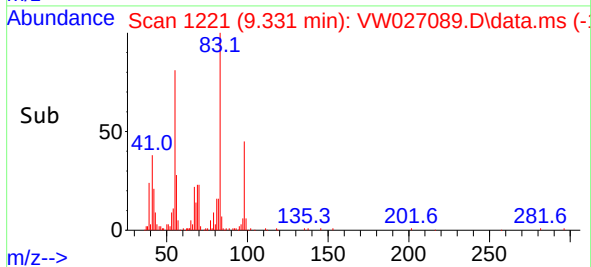
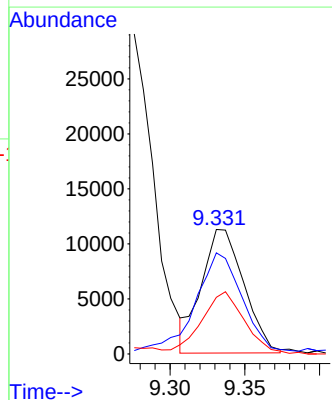
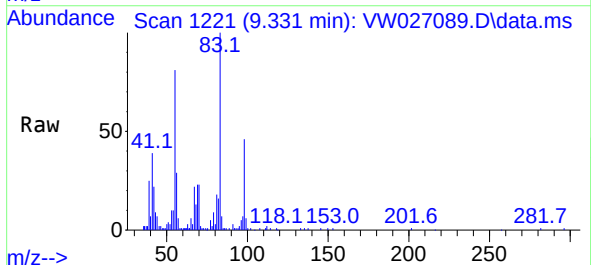
Instrument :
MSVOA_W
ClientSampleId :

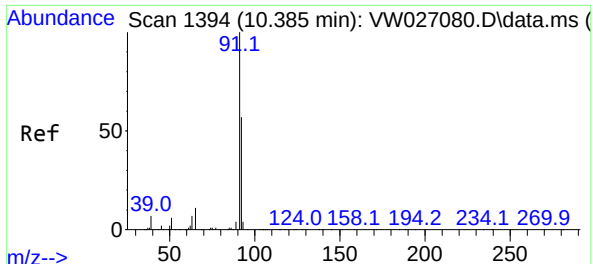
Tgt Ion: 78 Resp: 26589



#35
Methylcyclohexane
Concen: 1.978 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

Tgt Ion: 83 Resp: 22261
Ion Ratio Lower Upper
83 100
55 86.2 61.7 92.5
98 51.3 38.3 57.5

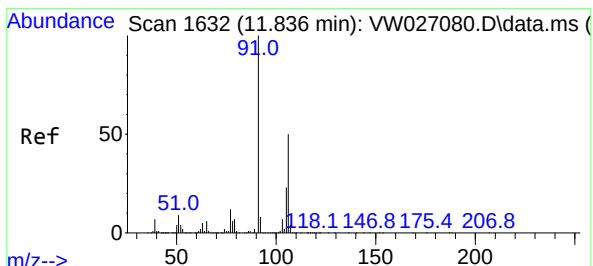
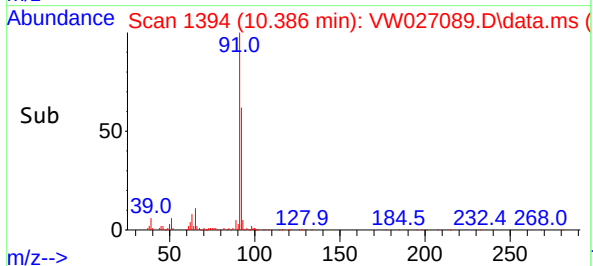
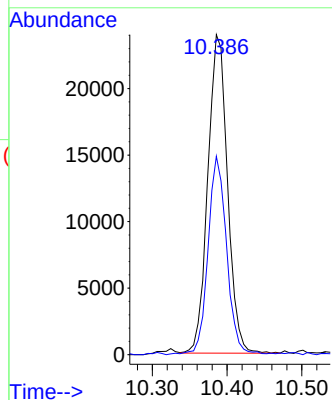
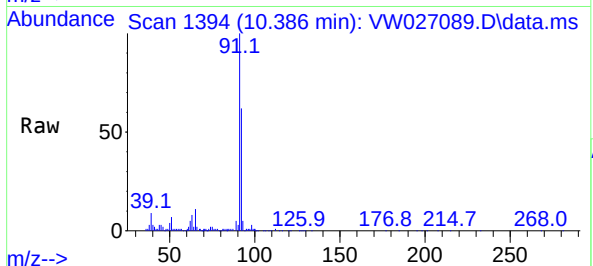




#42
Toluene
Concen: 1.650 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

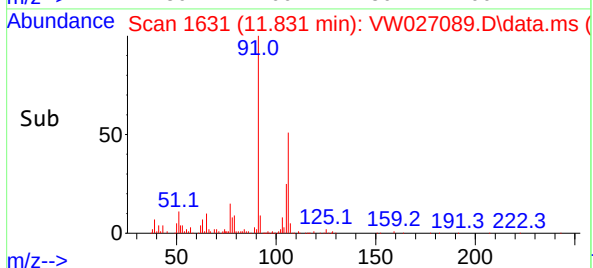
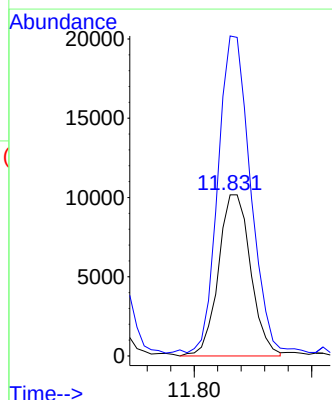
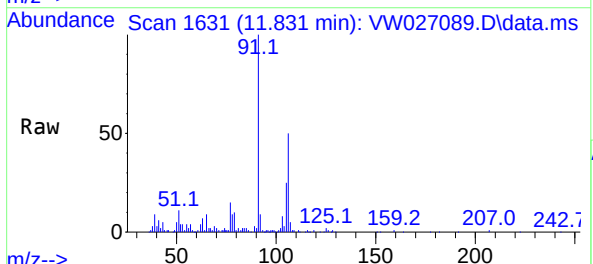
Instrument :
MSVOA_W
ClientSampleId :

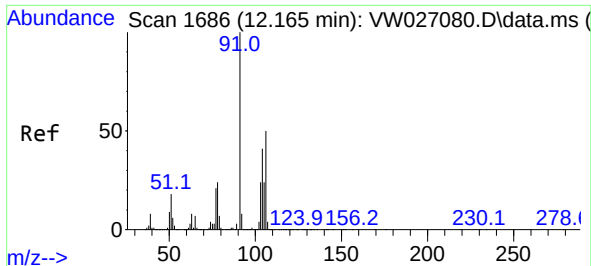
Tgt Ion: 91 Resp: 43765
Ion Ratio Lower Upper
91 100
92 62.0 41.6 77.2



#53
m,p-Xylene
Concen: 1.744 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

Tgt Ion:106 Resp: 19400
Ion Ratio Lower Upper
106 100
91 198.5 139.6 259.2

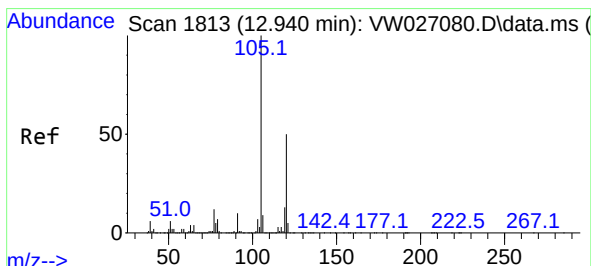
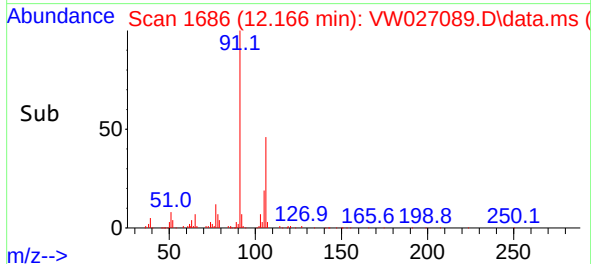
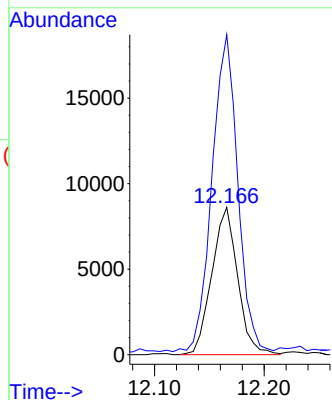
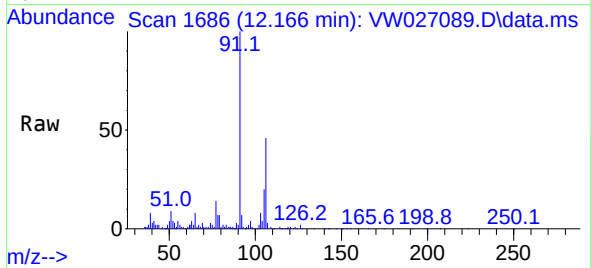




#54
o-Xylene
Concen: 1.358 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

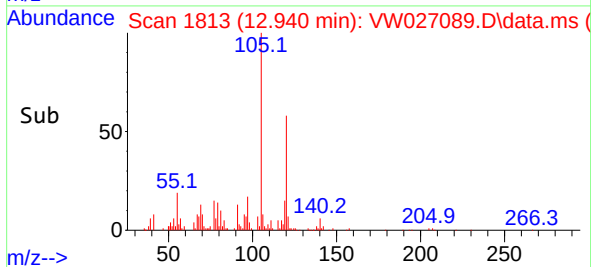
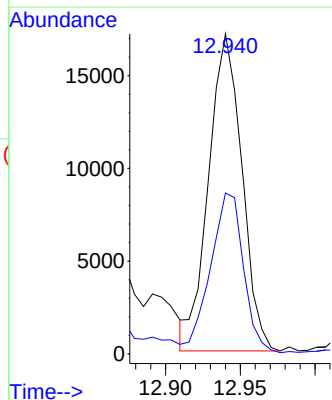
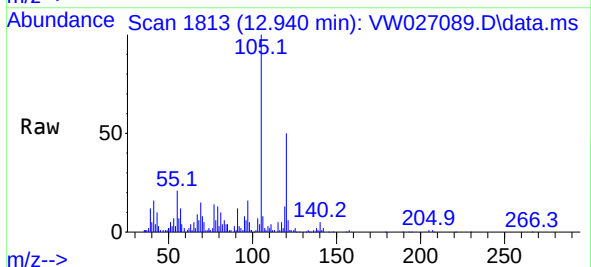
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MSVOA_W
ClientSampleId :

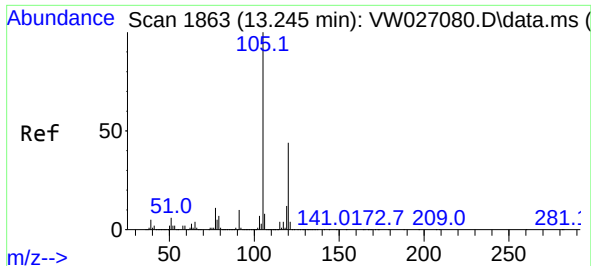
Tgt Ion:106 Resp: 14134
Ion Ratio Lower Upper
106 100
91 217.2 154.0 286.0



#62
1,3,5-Trimethylbenzene
Concen: 3.484 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

Tgt Ion:105 Resp: 26493
Ion Ratio Lower Upper
105 100
120 49.8 39.0 58.6

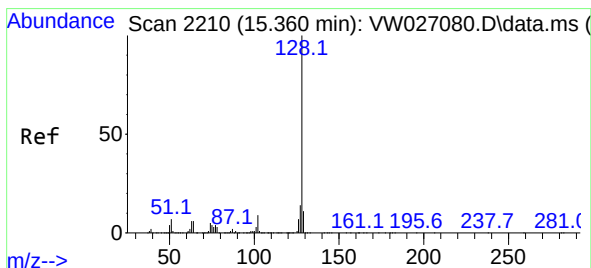
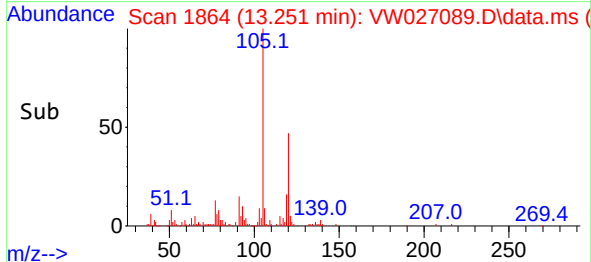
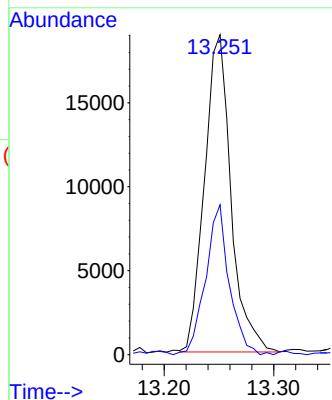
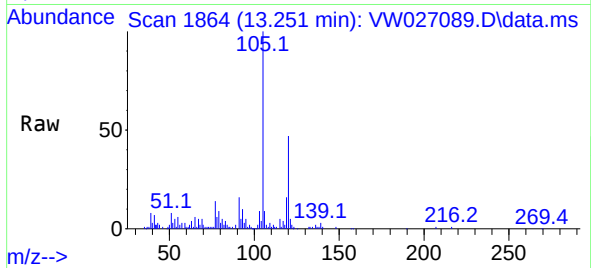




#63
1,2,4-Trimethylbenzene
Concen: 4.269 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 31738
Ion Ratio Lower Upper
105 100
120 42.0 36.3 54.5



#71
Naphthalene
Concen: 3.565 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027089.D
Acq: 13 Sep 2023 13:38

Tgt Ion:128 Resp: 15466
Ion Ratio Lower Upper
128 100
127 14.9 10.9 16.3
129 9.8 8.9 13.3

