

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
 Data File : VW027107.D
 Acq On : 14 Sep 2023 17:03
 Operator : SY/MD
 Sample : 04417-19
 Misc : 4.34g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 15 00:16:46 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)

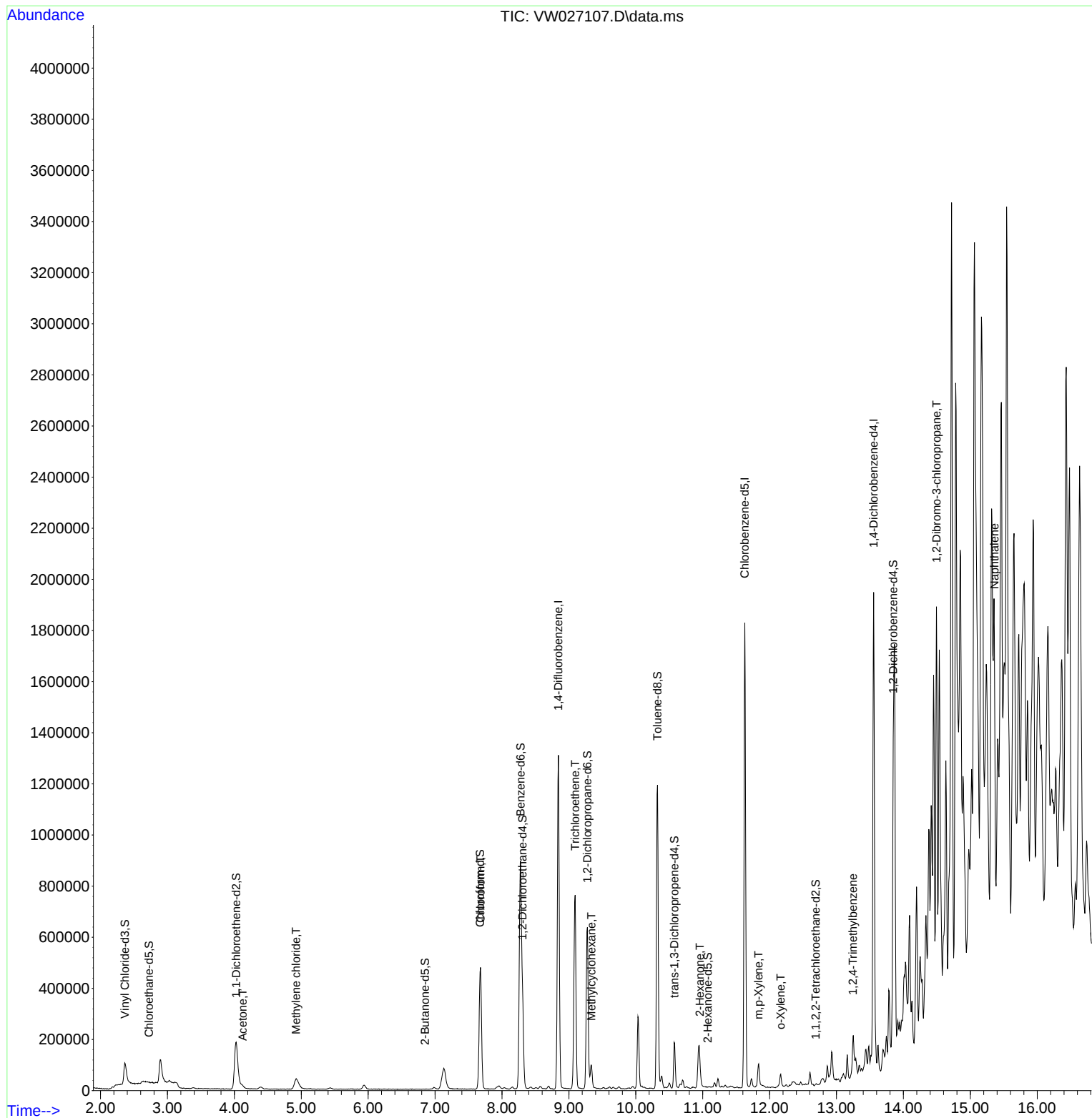
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1158782	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	1044304	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	521435	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	161375	7.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	31.200%
7) Chloroethane-d5	2.722	69	394	0.024	ug/L	-0.17
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.080%#
11) 1,1-Dichloroethene-d2	4.027	65	78169	10.245	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.000%#
21) 2-Butanone-d5	6.849	46	267	0.067	ug/L	-0.23
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.140%#
24) Chloroform-d	7.673	84	22579	0.655	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	2.600%#
26) 1,2-Dichloroethane-d4	8.307	65	256011	14.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	56.520%#
32) Benzene-d6	8.276	84	977272	14.267	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	57.080%
36) 1,2-Dichloropropane-d6	9.276	67	323661	16.095	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	64.400%#
41) Toluene-d8	10.324	98	837093	13.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	54.000%
43) trans-1,3-Dichloroprop...	10.574	79	105784	13.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.240%
47) 2-Hexanone-d5	11.074	63	94	0.050	ug/L	0.15
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.100%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	1202	0.077	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.320%#
66) 1,2-Dichlorobenzene-d4	13.848	152	309668	17.171	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.680%#
Target Compounds					Qvalue	
13) Acetone	4.124	43	13419	3.842	ug/L	99
16) Methylene chloride	4.923	84	41331	1.841	ug/L	96
25) Chloroform	7.679	83	485751	14.662	ug/L	96
34) Trichloroethene	9.093	95	249762	13.611	ug/L	88
35) Methylcyclohexane	9.337	83	37816	1.213	ug/L	93
48) 2-Hexanone	10.958	43	28742	4.482	ug/L #	89
53) m,p-Xylene	11.836	106	26602	0.863	ug/L	97
54) o-Xylene	12.166	106	14253	0.494	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	78012	1.400	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.494	75	3948	1.745	ug/L #	22
71) Naphthalene	15.360	128	181515	5.581	ug/L	99

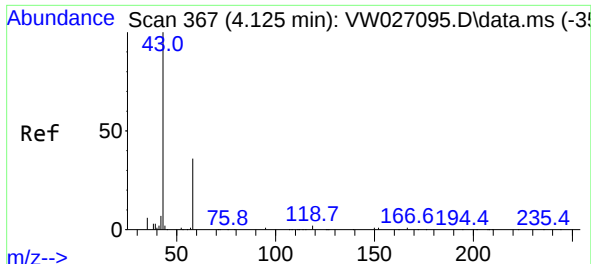
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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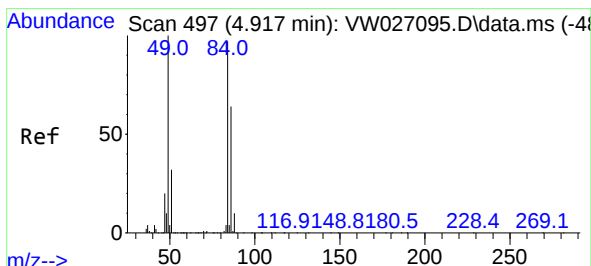
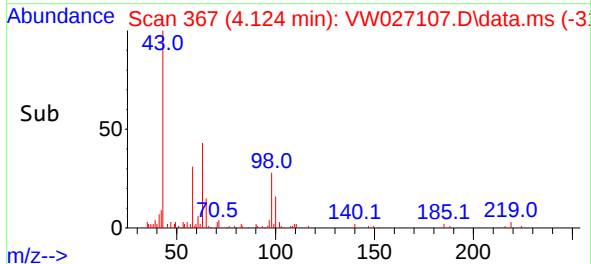
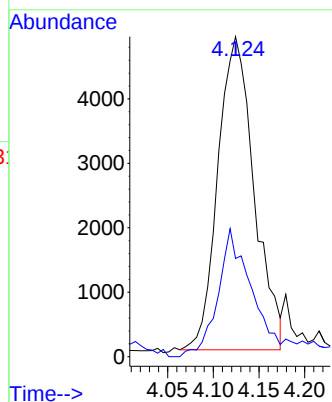
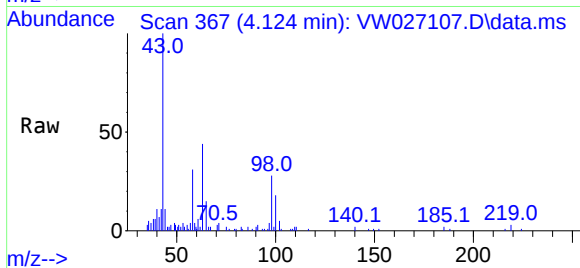




#13
Acetone
Concen: 3.842 ug/L
RT: 4.124 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027107.D
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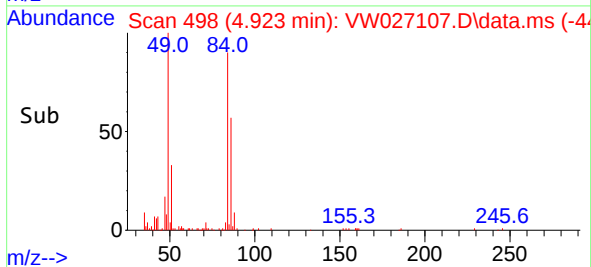
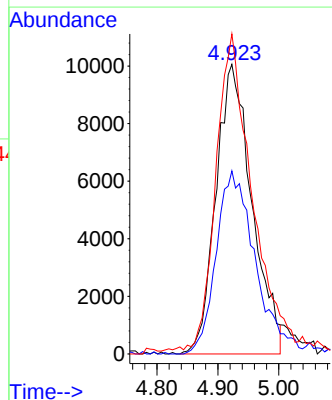
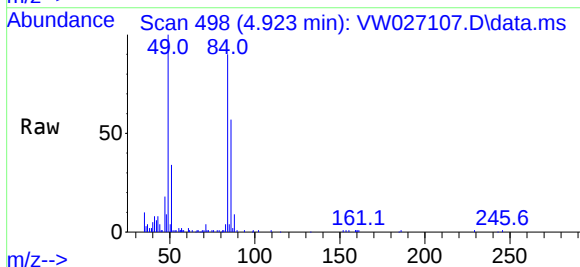
Instrument :
MSVOA_W
ClientSampleId :

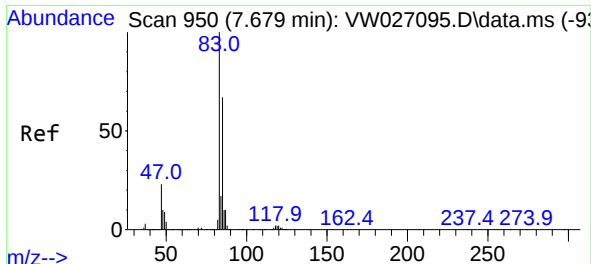
Tgt Ion: 43 Resp: 13419
Ion Ratio Lower Upper
43 100
58 32.5 0.0 66.4



#16
Methylene chloride
Concen: 1.841 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027107.D
Acq: 14 Sep 2023 17:03

Tgt Ion: 84 Resp: 41331
Ion Ratio Lower Upper
84 100
86 63.2 44.1 81.9
49 110.5 82.1 152.5

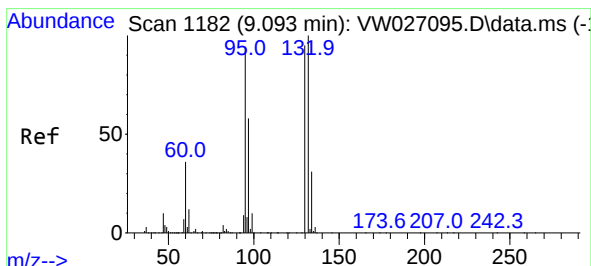
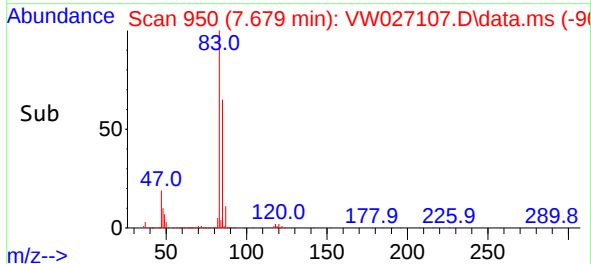
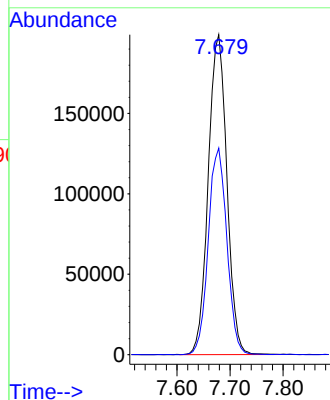
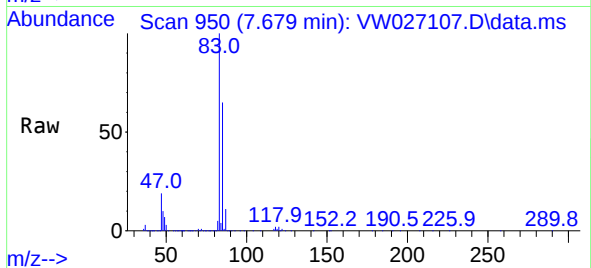




#25
Chloroform
Concen: 14.662 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027107.D
Acq: 14 Sep 2023 17:03

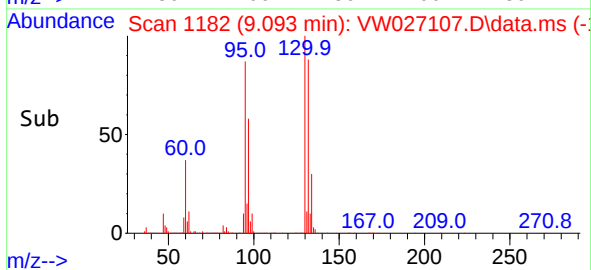
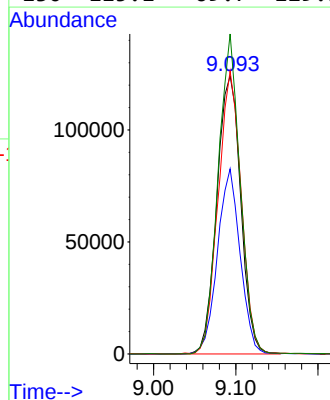
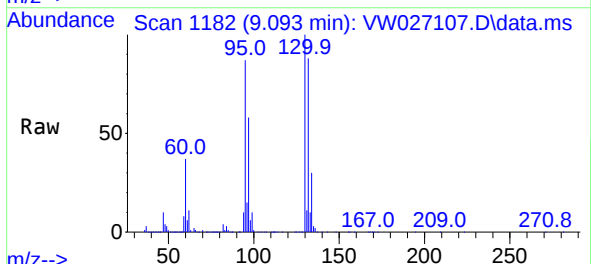
Instrument :
MSVOA_W
ClientSampleId :

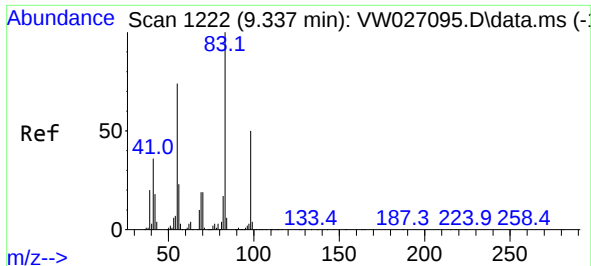
Tgt Ion: 83 Resp: 485751
Ion Ratio Lower Upper
83 100
85 64.5 47.3 87.9



#34
Trichloroethene
Concen: 13.611 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027107.D
Acq: 14 Sep 2023 17:03

Tgt Ion: 95 Resp: 249762
Ion Ratio Lower Upper
95 100
97 66.6 42.4 78.8
132 101.7 63.1 117.3
130 115.1 69.7 129.5

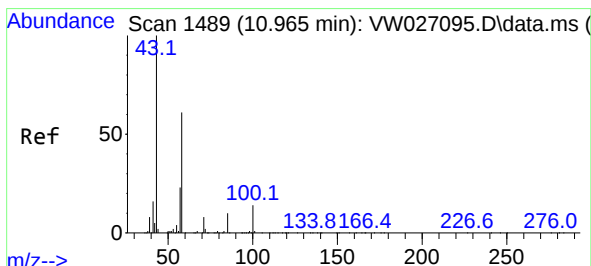
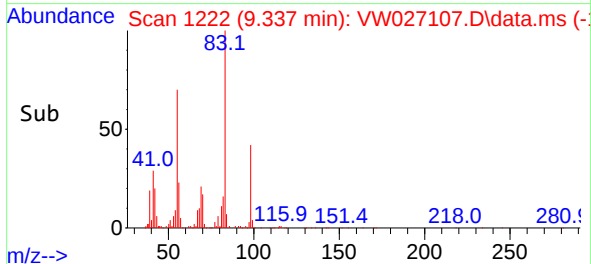
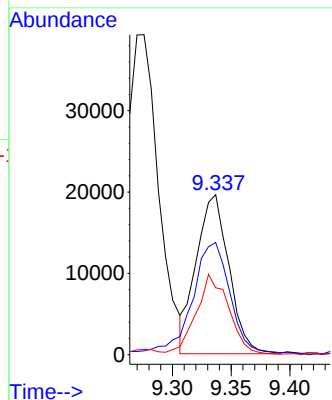
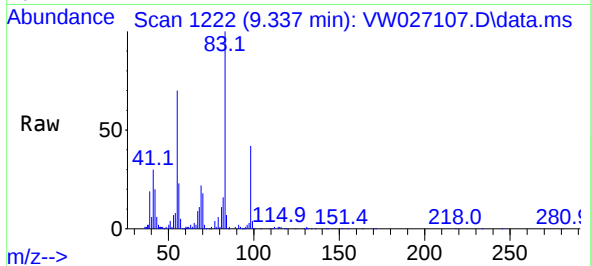




#35
Methylcyclohexane
Concen: 1.213 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027107.D
Acq: 14 Sep 2023 17:03

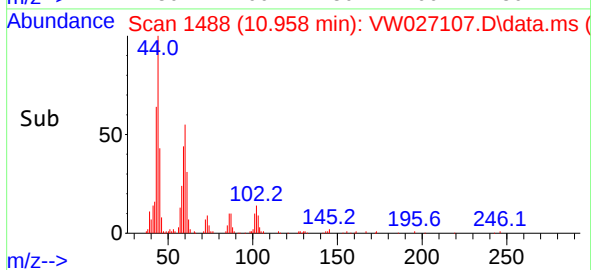
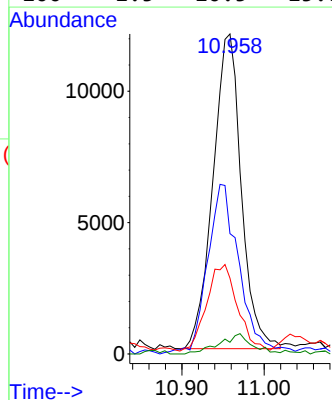
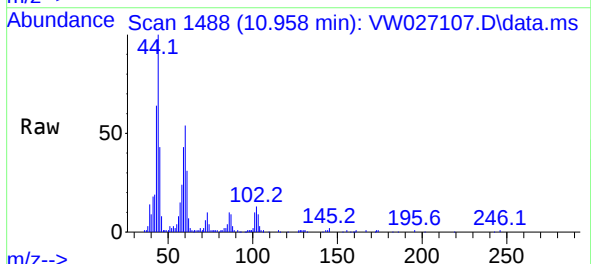
Instrument :
MSVOA_W
ClientSampleId :

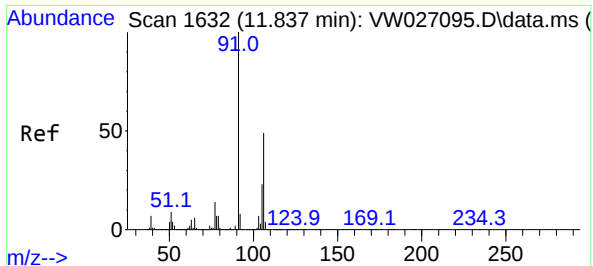
Tgt Ion: 83 Resp: 37816
Ion Ratio Lower Upper
83 100
55 84.9 61.7 92.5
98 50.4 38.3 57.5



#48
2-Hexanone
Concen: 4.482 ug/L
RT: 10.958 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VW027107.D
Acq: 14 Sep 2023 17:03

Tgt Ion: 43 Resp: 28742
Ion Ratio Lower Upper
43 100
58 57.8 47.5 71.3
57 29.9 15.2 22.8#
100 1.5 10.5 15.7#

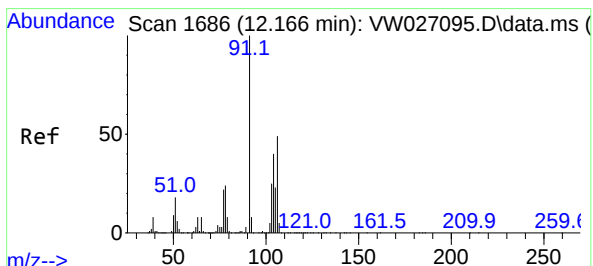
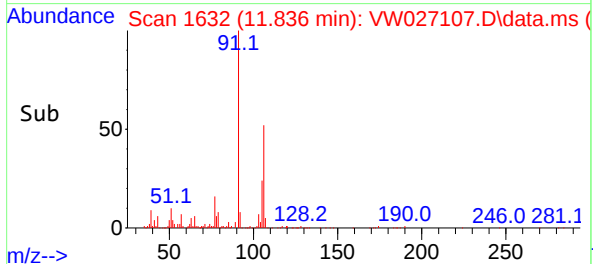
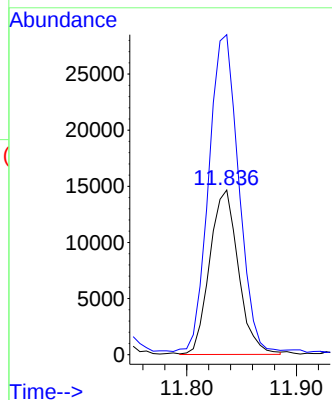
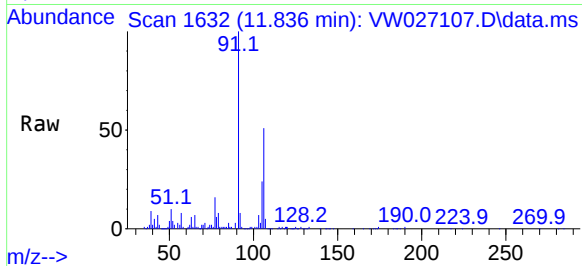




#53
m,p-Xylene
Concen: 0.863 ug/L
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027107.D
Acq: 14 Sep 2023 17:03

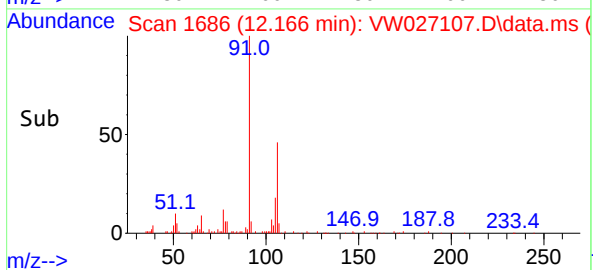
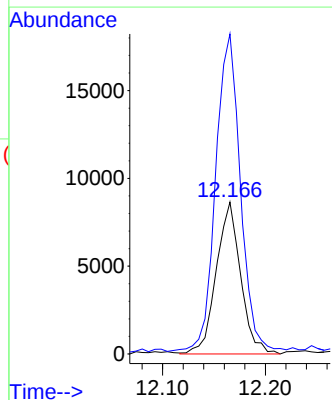
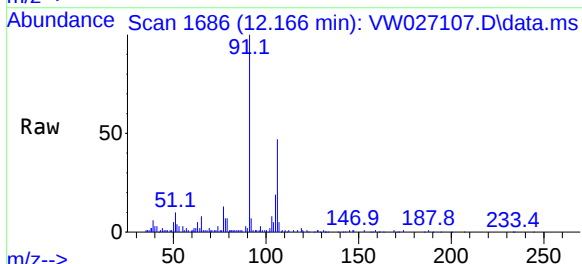
Instrument :
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ClientSampleId :

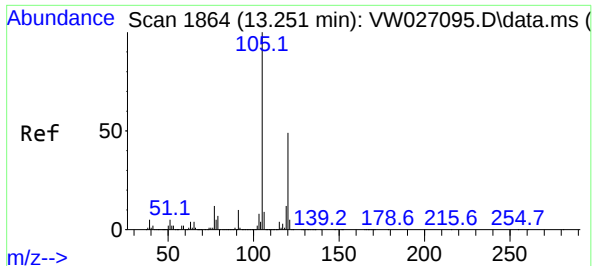
Tgt Ion:106 Resp: 26602
Ion Ratio Lower Upper
106 100
91 194.4 139.6 259.2



#54
o-Xylene
Concen: 0.494 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027107.D
Acq: 14 Sep 2023 17:03

Tgt Ion:106 Resp: 14253
Ion Ratio Lower Upper
106 100
91 210.9 154.0 286.0

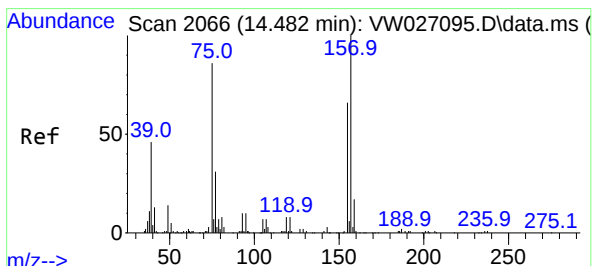
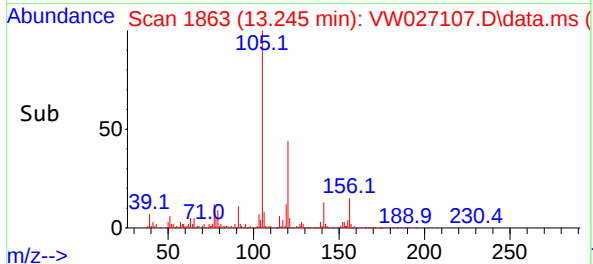
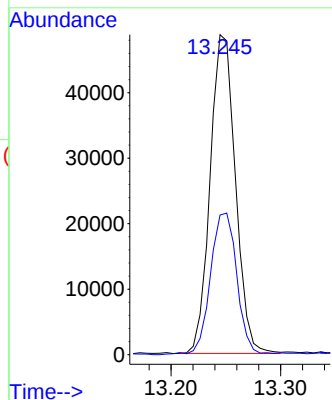
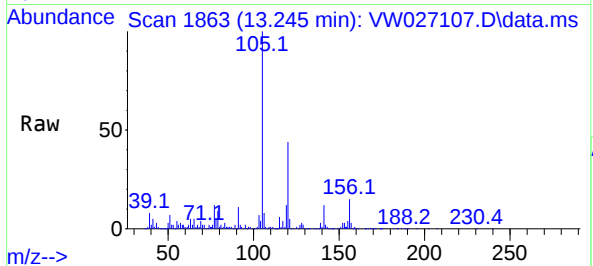




#63
1,2,4-Trimethylbenzene
Concen: 1.400 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027107.D
Acq: 14 Sep 2023 17:03

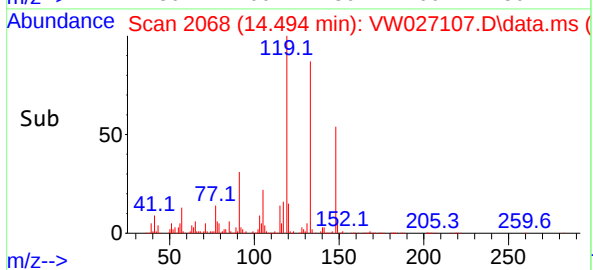
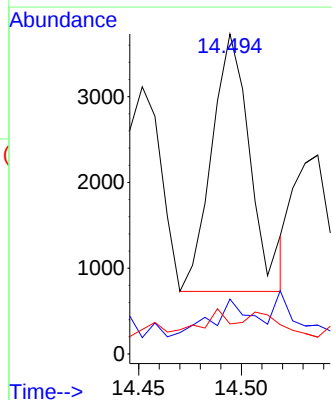
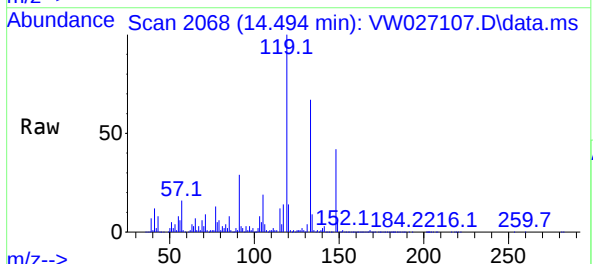
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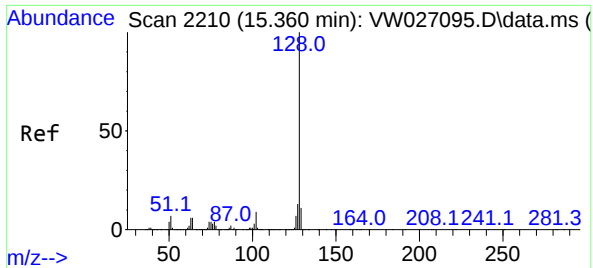
Tgt Ion:105 Resp: 78012
Ion Ratio Lower Upper
105 100
120 45.2 36.3 54.5



#68
1,2-Dibromo-3-chloropropane
Concen: 1.745 ug/L
RT: 14.494 min Scan# 2068
Delta R.T. 0.012 min
Lab File: VW027107.D
Acq: 14 Sep 2023 17:03

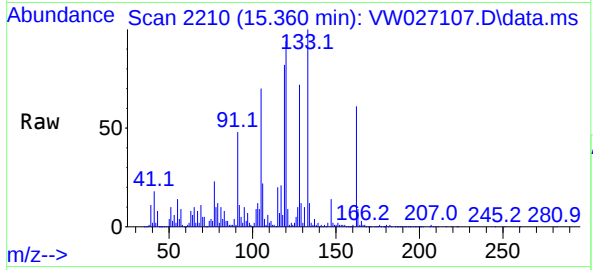
Tgt Ion: 75 Resp: 3948
Ion Ratio Lower Upper
75 100
155 17.1 65.9 98.9#
157 9.4 68.7 103.1#





#71
Naphthalene
Concen: 5.581 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027107.D
Acq: 14 Sep 2023 17:03

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 181515

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.9	16.3
129	11.4	8.9	13.3

