

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
 Data File : VW027071.D
 Acq On : 12 Sep 2023 16:18
 Operator : SY/MD
 Sample : 04330-11
 Misc : 5.70g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 13 03:09:05 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)

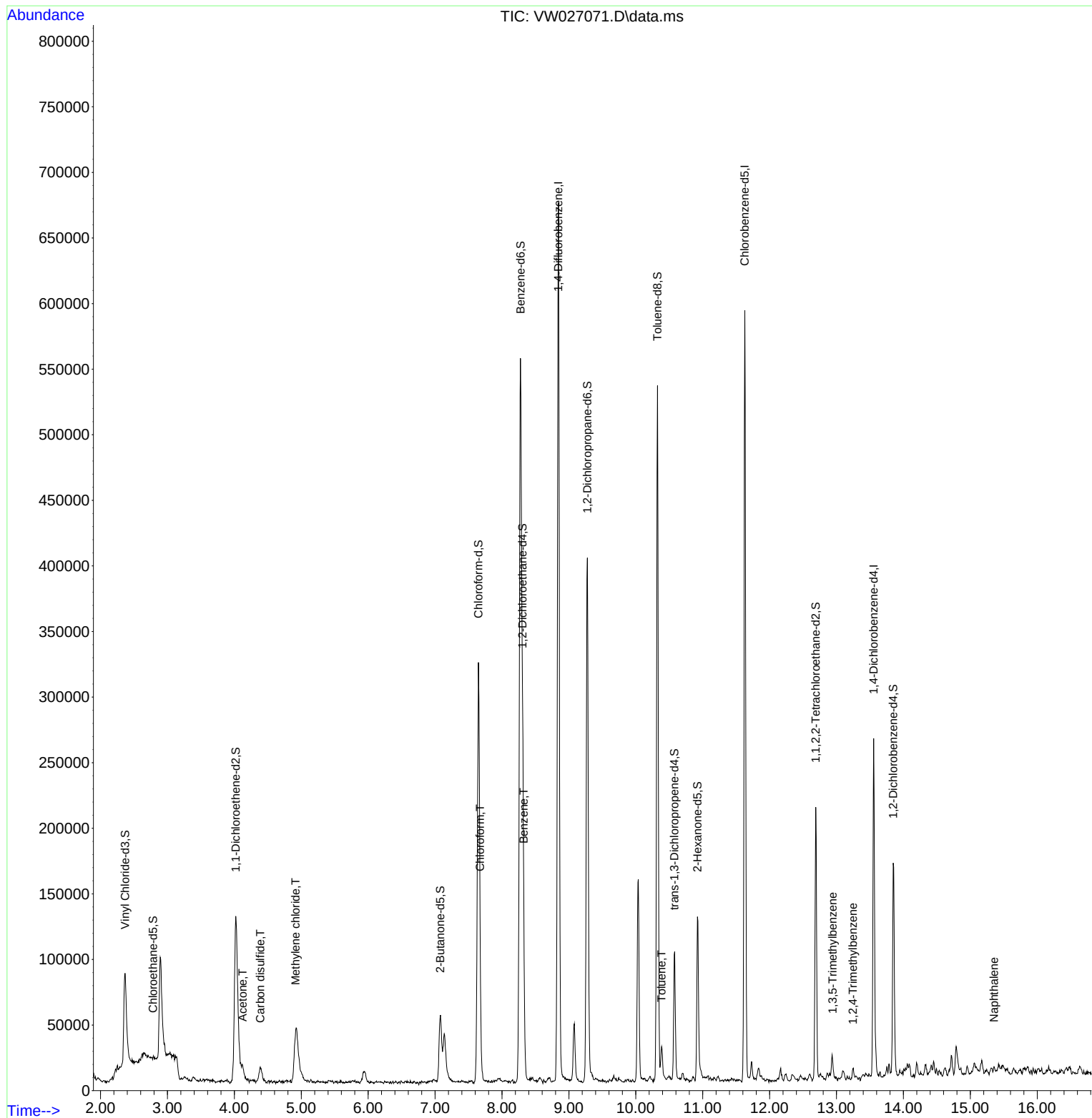
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	569711	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	339753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	70604	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	134485	13.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.840%
7) Chloroethane-d5	2.783	69	318	0.039	ug/L	-0.11
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.160%#
11) 1,1-Dichloroethene-d2	4.021	65	51200	13.649	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.600%
21) 2-Butanone-d5	7.075	46	84835	43.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.520%
24) Chloroform-d	7.648	84	325171	19.181	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.720%
26) 1,2-Dichloroethane-d4	8.307	65	181448	20.363	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.440%
32) Benzene-d6	8.276	84	585982	26.295	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.160%
36) 1,2-Dichloropropane-d6	9.276	67	193826	29.626	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.520%
41) Toluene-d8	10.325	98	350497	17.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.480%
43) trans-1,3-Dichloroprop...	10.575	79	56578	22.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.120%
47) 2-Hexanone-d5	10.922	63	42092	68.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.820%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105911	20.861	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	46087	18.873	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.480%
Target Compounds					Qvalue	
13) Acetone	4.125	43	13055	7.602	ug/L	71
14) Carbon disulfide	4.387	76	27344	1.059	ug/L	95
16) Methylene chloride	4.917	84	21124	1.914	ug/L	84
25) Chloroform	7.673	83	18981	1.165	ug/L	99
33) Benzene	8.325	78	48439	2.085	ug/L	100
42) Toluene	10.386	91	19185	0.802	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	4630	0.600	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	4399	0.583	ug/L	98
71) Naphthalene	15.354	128	3427	0.778	ug/L #	76

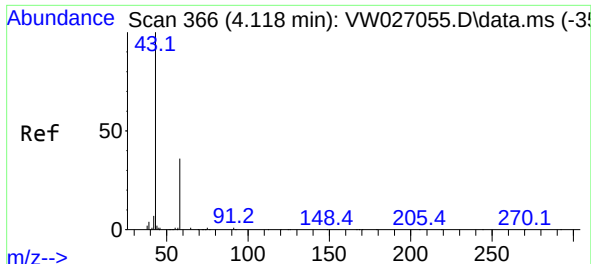
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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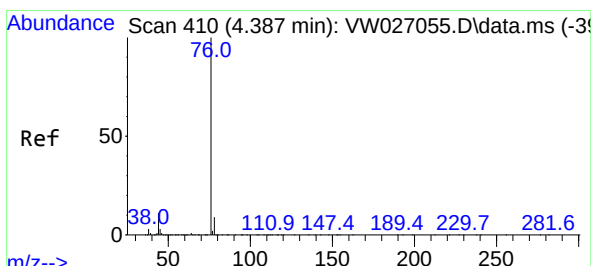
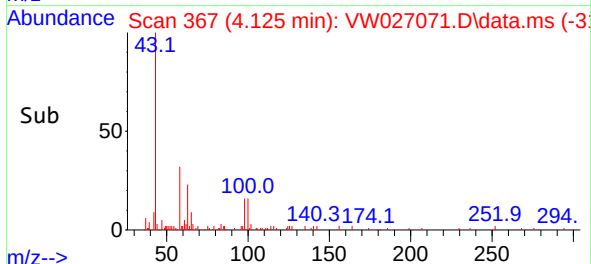
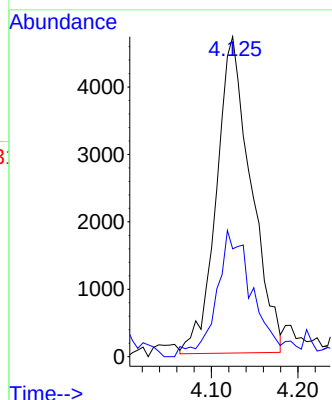
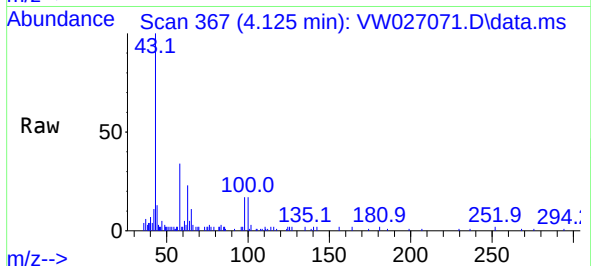




#13
Acetone
Concen: 7.602 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027071.D
Acq: 12 Sep 2023 16:18

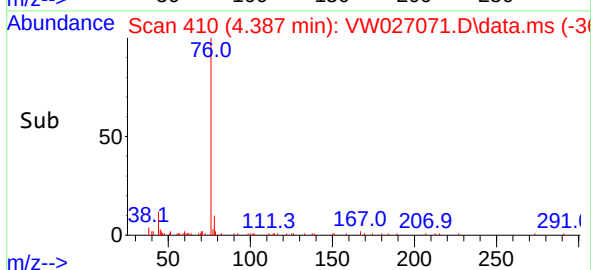
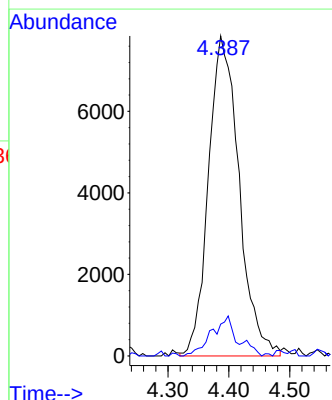
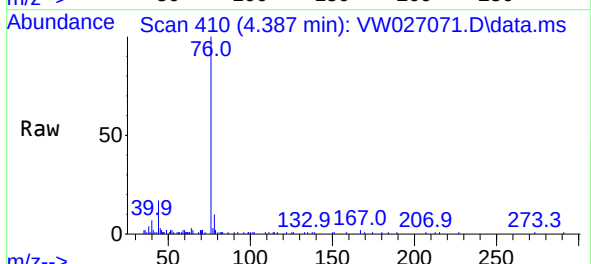
Instrument :
MSVOA_W
ClientSampleId :

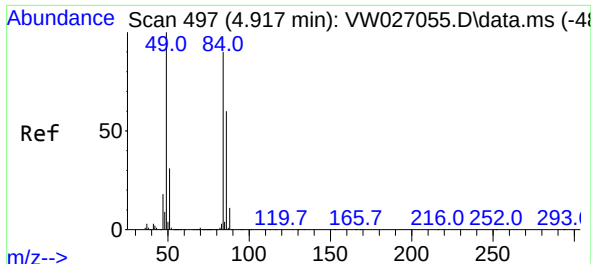
Tgt Ion: 43 Resp: 13055
Ion Ratio Lower Upper
43 100
58 16.7 0.0 66.4



#14
Carbon disulfide
Concen: 1.059 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027071.D
Acq: 12 Sep 2023 16:18

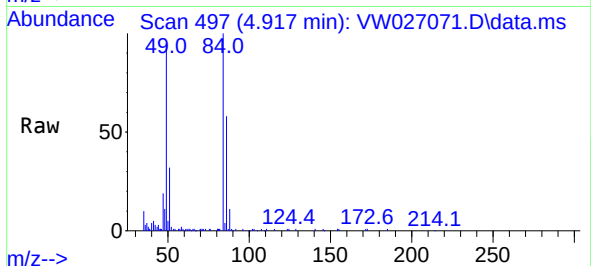
Tgt Ion: 76 Resp: 27344
Ion Ratio Lower Upper
76 100
78 11.5 7.8 11.8





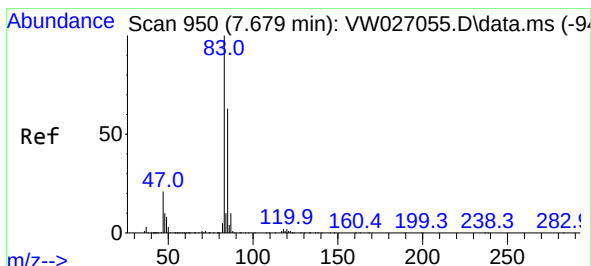
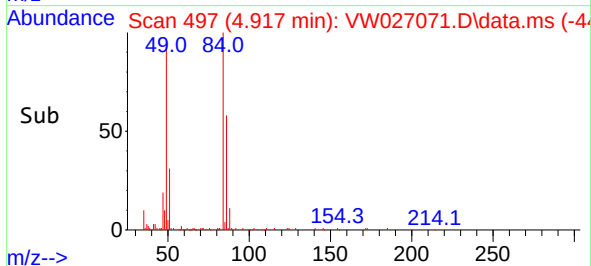
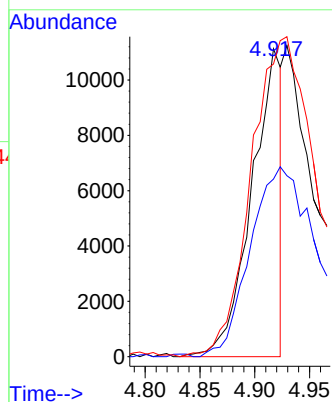
#16
Methylene chloride
Concen: 1.914 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027071.D
Acq: 12 Sep 2023 16:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 21124

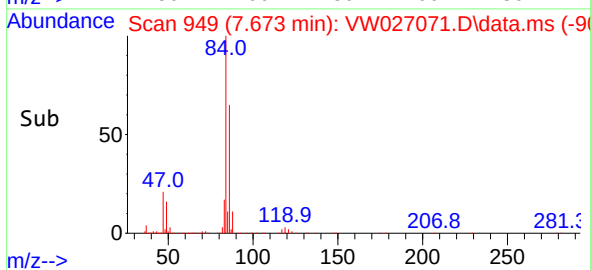
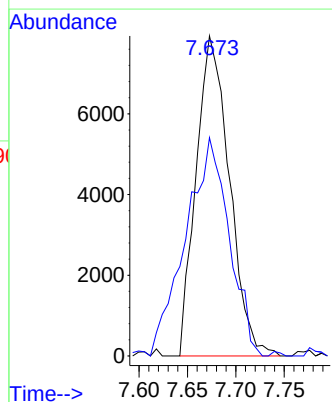
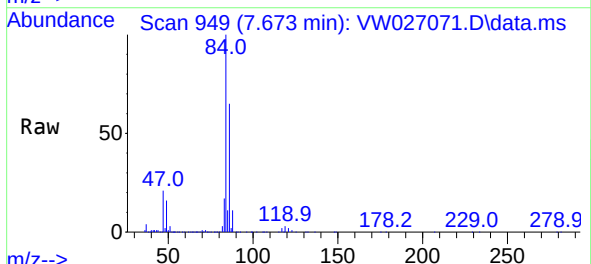
Ion	Ratio	Lower	Upper
84	100		
86	57.7	44.1	81.9
49	95.1	82.1	152.5

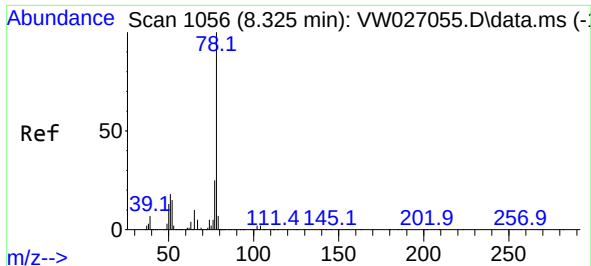


#25
Chloroform
Concen: 1.165 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027071.D
Acq: 12 Sep 2023 16:18

Tgt Ion: 83 Resp: 18981

Ion	Ratio	Lower	Upper
83	100		
85	68.2	47.3	87.9

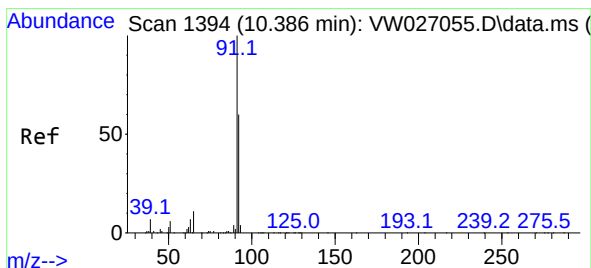
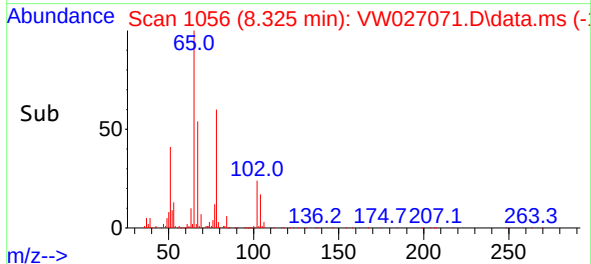
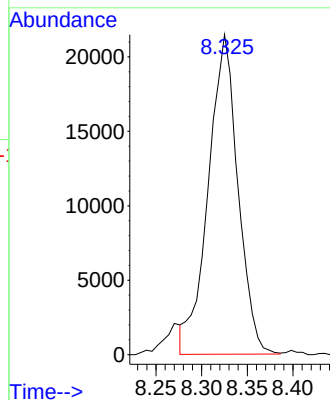
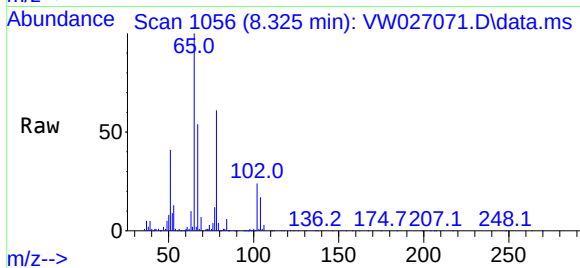




#33
Benzene
Concen: 2.085 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027071.D
Acq: 12 Sep 2023 16:18

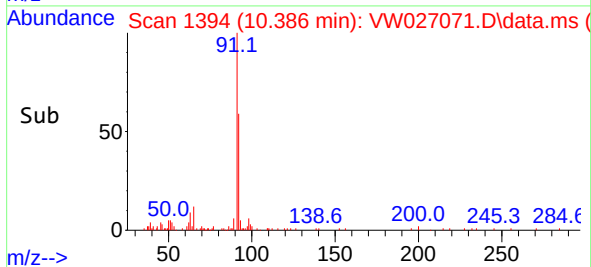
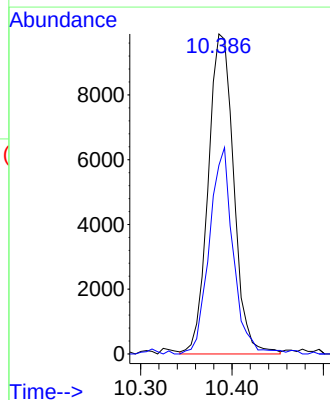
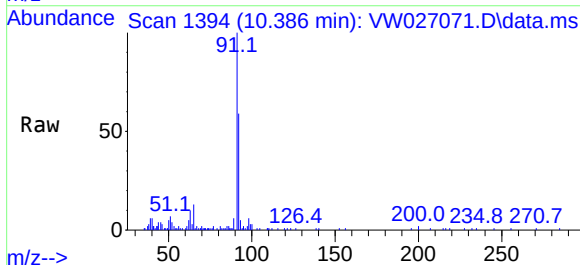
Instrument :
MSVOA_W
ClientSampleId :

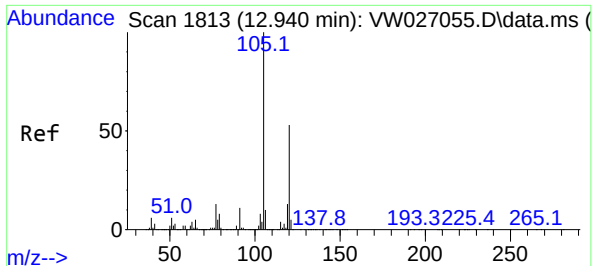
Tgt Ion: 78 Resp: 48439



#42
Toluene
Concen: 0.802 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027071.D
Acq: 12 Sep 2023 16:18

Tgt Ion: 91 Resp: 19185
Ion Ratio Lower Upper
91 100
92 58.9 41.6 77.2

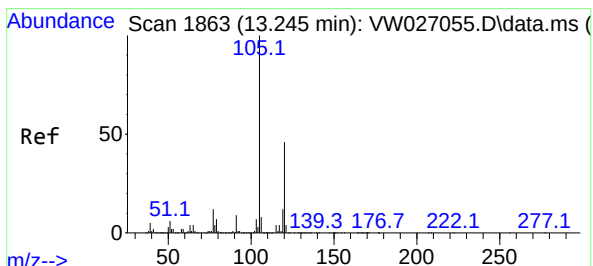
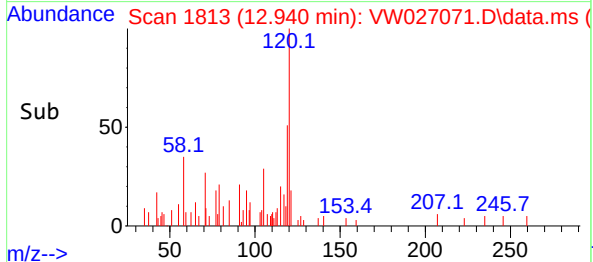
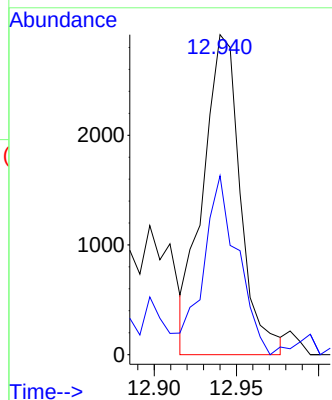
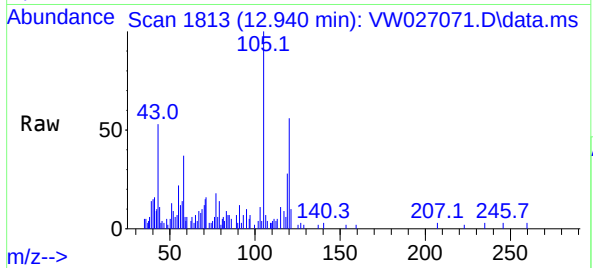




#62
1,3,5-Trimethylbenzene
Concen: 0.600 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027071.D
Acq: 12 Sep 2023 16:18

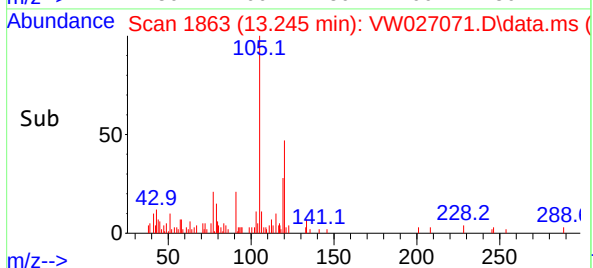
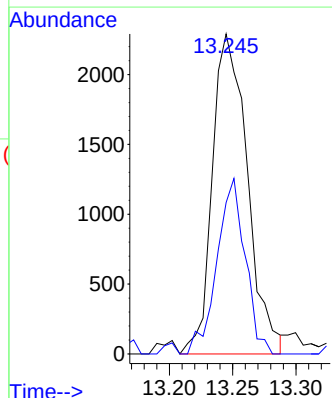
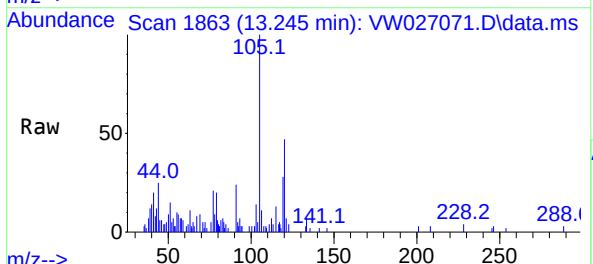
Instrument :
MSVOA_W
ClientSampleId :

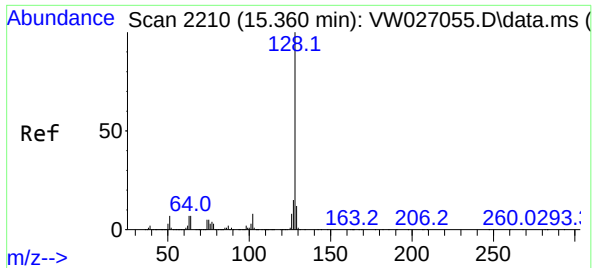
Tgt Ion:105 Resp: 4630
Ion Ratio Lower Upper
105 100
120 51.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 0.583 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027071.D
Acq: 12 Sep 2023 16:18

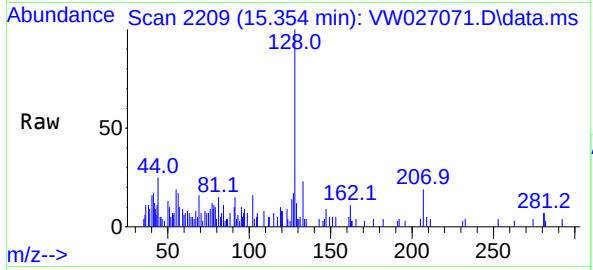
Tgt Ion:105 Resp: 4399
Ion Ratio Lower Upper
105 100
120 44.3 36.3 54.5





#71
Naphthalene
Concen: 0.778 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW027071.D
Acq: 12 Sep 2023 16:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	3427
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	15.3	8.9	13.3#

