

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071924\
 Data File : VW029660.D
 Acq On : 19 Jul 2024 16:45
 Operator : SY/MD
 Sample : P3263-16
 Misc : 5.11g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 19 23:22:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 19 23:16:32 2024
 Response via : Initial Calibration

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

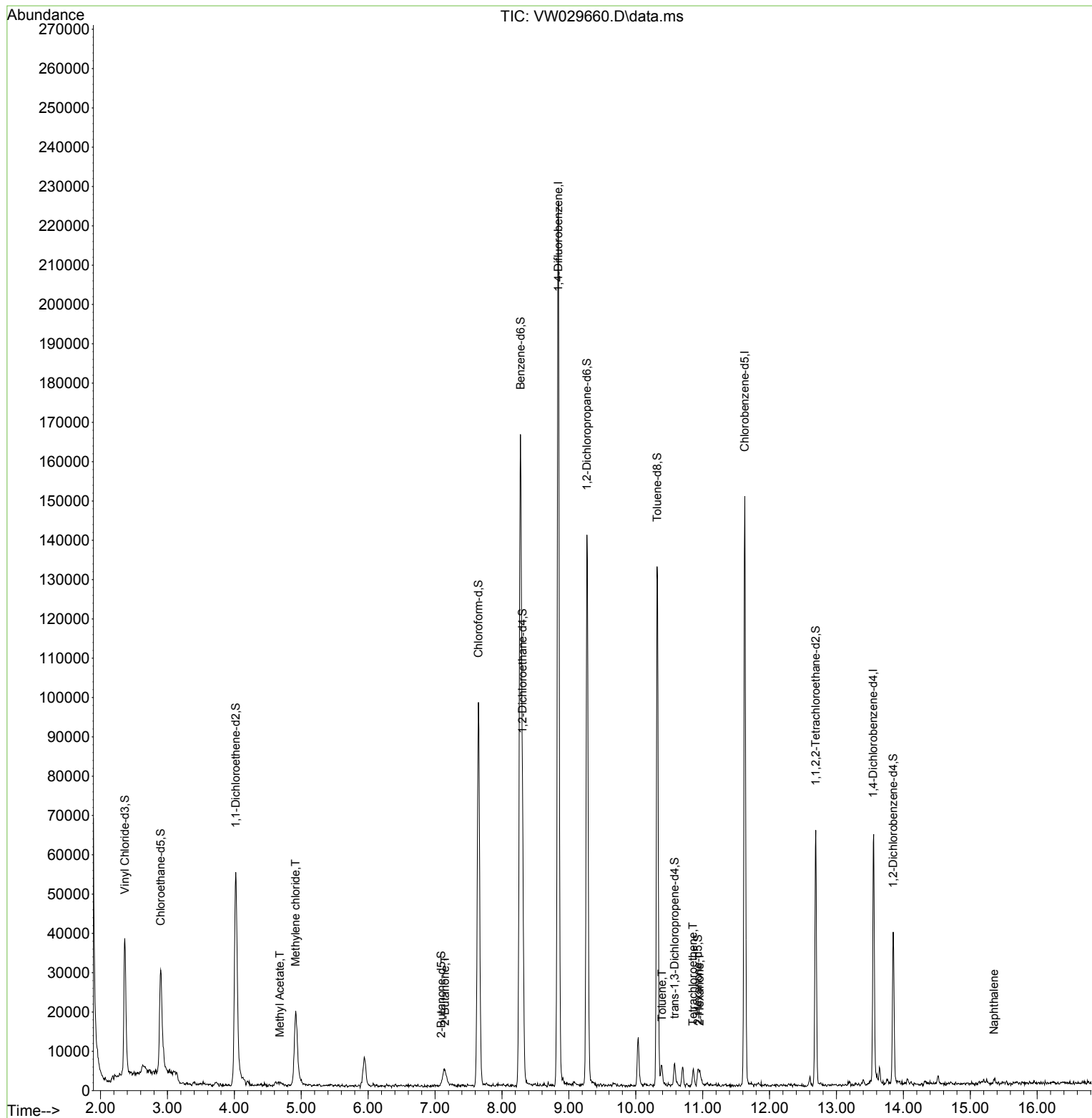
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	174611	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	76965	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	15643	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	46847	16.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.440%
7) Chloroethane-d5	2.899	69	41261	20.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.280%
11) 1,1-Dichloroethene-d2	4.021	65	20044	15.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.280%
21) 2-Butanone-d5	7.094	46	457	0.540	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.080%#
24) Chloroform-d	7.648	84	95516	18.922	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.680%
26) 1,2-Dichloroethane-d4	8.307	65	51256	17.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.240%#
32) Benzene-d6	8.276	84	158065	34.283	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	137.120%#
36) 1,2-Dichloropropane-d6	9.270	67	62987	42.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	170.920%#
41) Toluene-d8	10.319	98	83815	20.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.680%
43) trans-1,3-Dichloroprop...	10.581	79	3069	4.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	19.680%#
47) 2-Hexanone-d5	10.928	63	1055	3.938	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	7.880%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	31778	26.550	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	13.849	152	9136	16.770	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.080%#
Target Compounds						
					Qvalue	
15) Methyl Acetate	4.679	43	1190	0.793	ug/L #	90
16) Methylene chloride	4.917	84	14291	4.572	ug/L	99
22) 2-Butanone	7.149	43	2710	2.415	ug/L #	51
42) Toluene	10.392	91	3287	0.667	ug/L	93
46) Tetrachloroethene	10.855	164	808	0.894	ug/L	88
48) 2-Hexanone	10.953	43	2163	3.068	ug/L #	48
71) Naphthalene	15.354	128	579	0.487	ug/L #	90

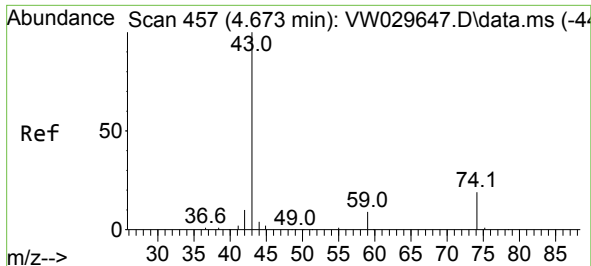
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 19 23:16:32 2024
Response via : Initial Calibration

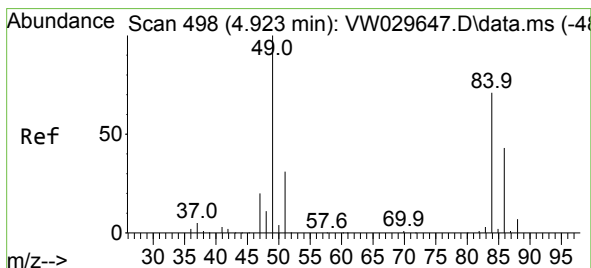
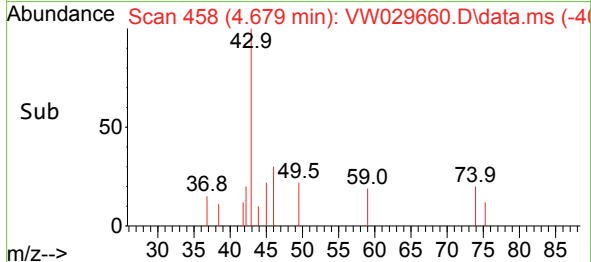
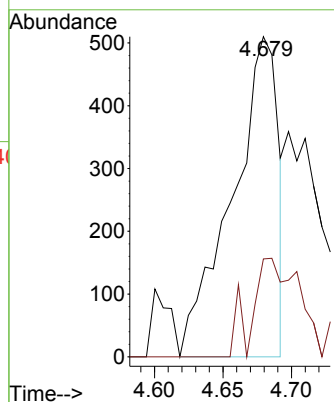
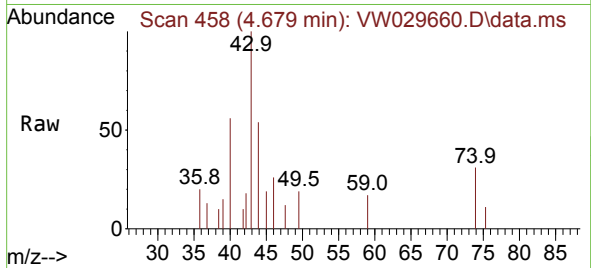




#15
Methyl Acetate
Concen: 0.793 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW029660.D
Acq: 19 Jul 2024 16:45

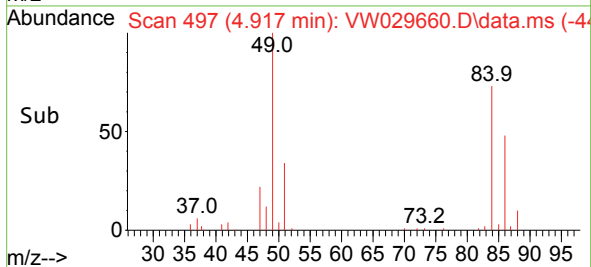
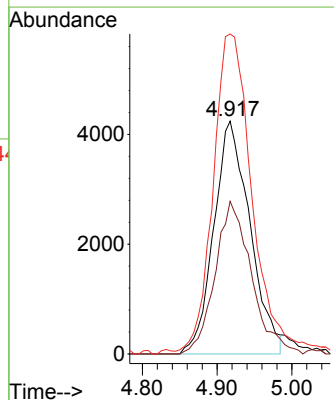
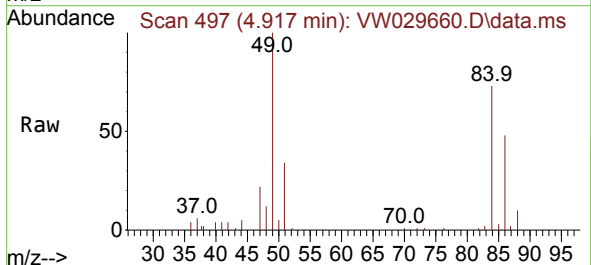
Instrument :
MSVOA_W
ClientSampleId :

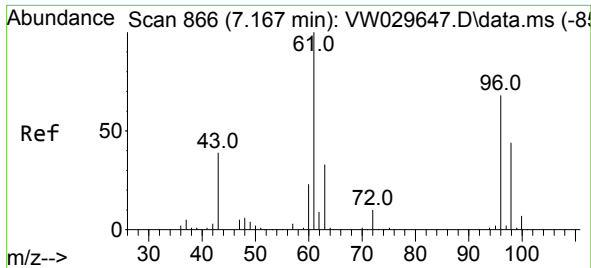
Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
74 15.9 16.2 24.4#



#16
Methylene chloride
Concen: 4.572 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029660.D
Acq: 19 Jul 2024 16:45

Tgt Ion: 84 Resp: 14291
Ion Ratio Lower Upper
84 100
86 65.6 46.2 85.8
49 137.5 96.7 179.7

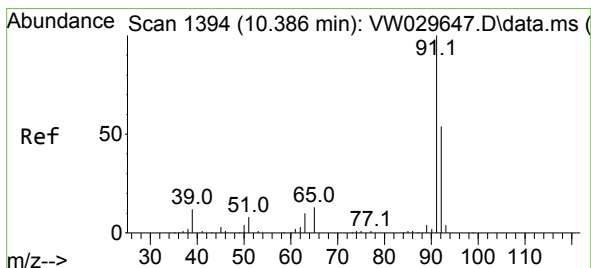
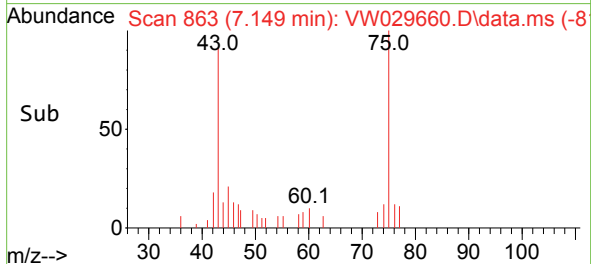
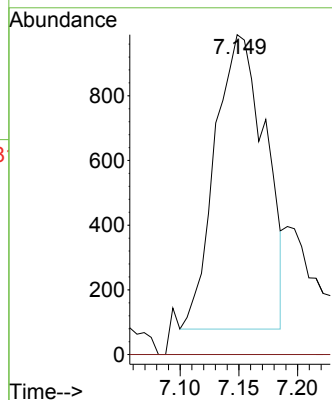
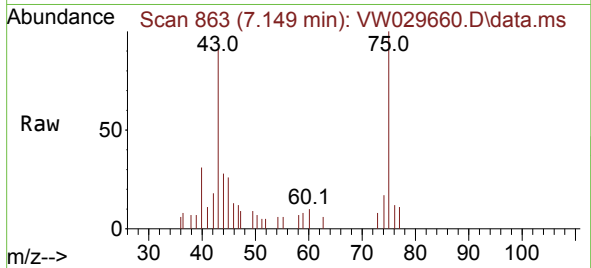




#22
2-Butanone
Concen: 2.415 ug/L
RT: 7.149 min Scan# 863
Delta R.T. -0.018 min
Lab File: VW029660.D
Acq: 19 Jul 2024 16:45

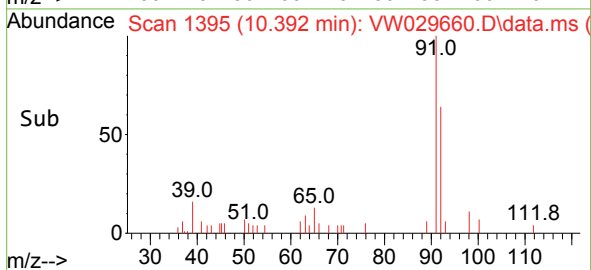
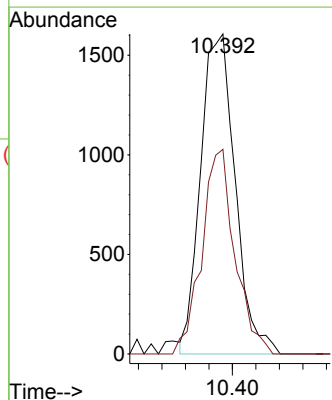
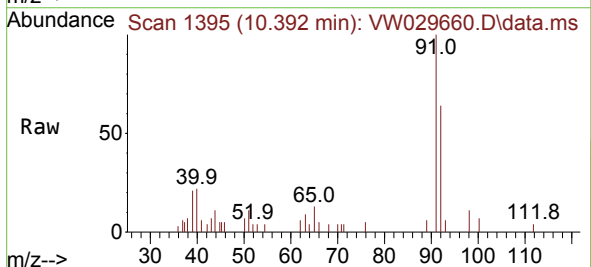
Instrument :
MSVOA_W
ClientSampleId :

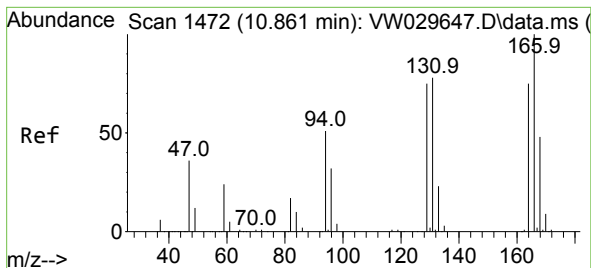
Tgt Ion: 43 Resp: 2710
Ion Ratio Lower Upper
43 100
72 0.0 12.0 36.1#



#42
Toluene
Concen: 0.667 ug/L
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW029660.D
Acq: 19 Jul 2024 16:45

Tgt Ion: 91 Resp: 3287
Ion Ratio Lower Upper
91 100
92 64.0 41.1 76.3





#46

Tetrachloroethene

Concen: 0.894 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

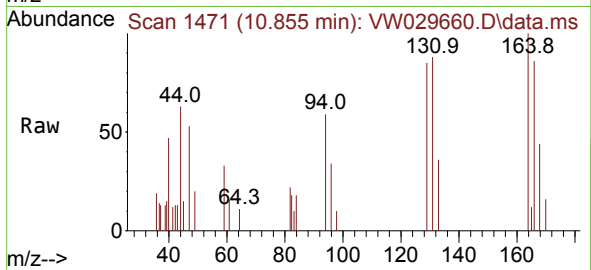
Lab File: VW029660.D

Acq: 19 Jul 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 808

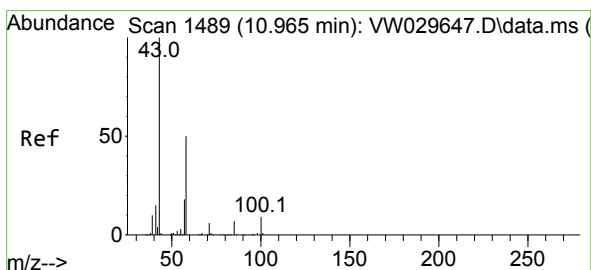
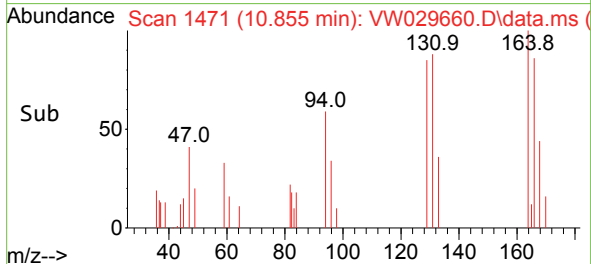
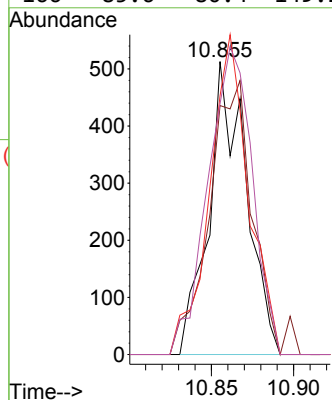
Ion Ratio Lower Upper

164 100

129 85.0 60.0 111.4

131 88.3 64.6 120.0

166 85.6 80.4 149.2



#48

2-Hexanone

Concen: 3.068 ug/L

RT: 10.953 min Scan# 1487

Delta R.T. -0.012 min

Lab File: VW029660.D

Acq: 19 Jul 2024 16:45

Tgt Ion: 43 Resp: 2163

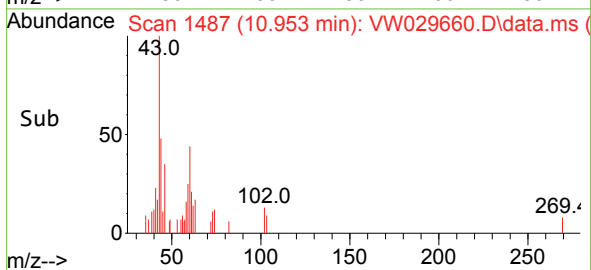
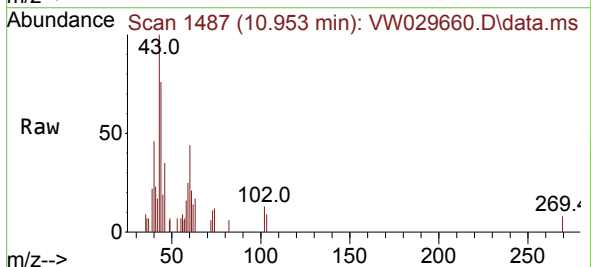
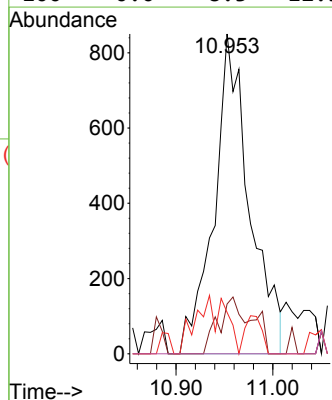
Ion Ratio Lower Upper

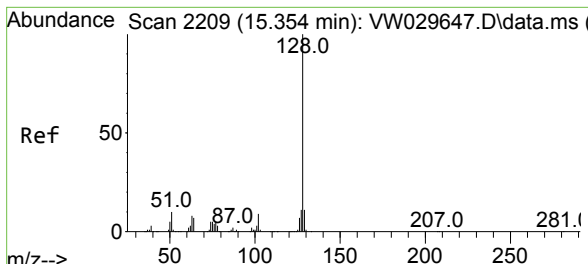
43 100

58 8.0 39.8 59.8#

57 0.0 14.6 21.8#

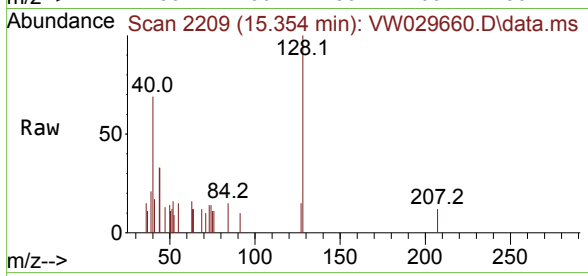
100 0.0 8.3 12.5#





#71
 Naphthalene
 Concen: 0.487 ug/L
 RT: 15.354 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029660.D
 Acq: 19 Jul 2024 16:45

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:128 Resp: 579

Ion	Ratio	Lower	Upper
128	100		
127	20.2	10.6	15.8#
129	11.1	9.0	13.4

