

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027701.D
 Acq On : 16 Dec 2023 18:57
 Operator : SY/MD
 Sample : 05818-02
 Misc : 7.96g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 17 00:21:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 00:15:03 2023
 Response via : Initial Calibration

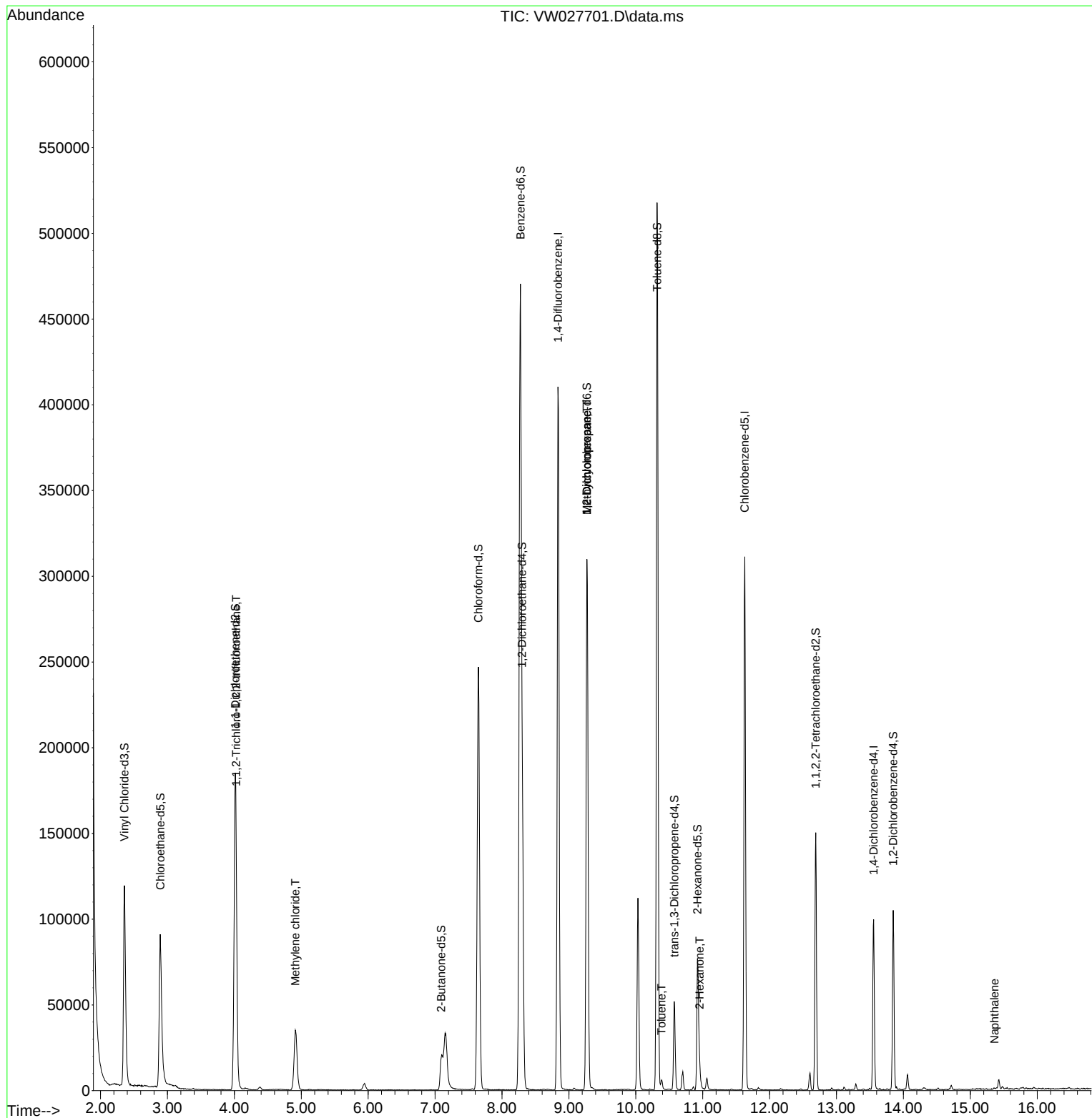
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

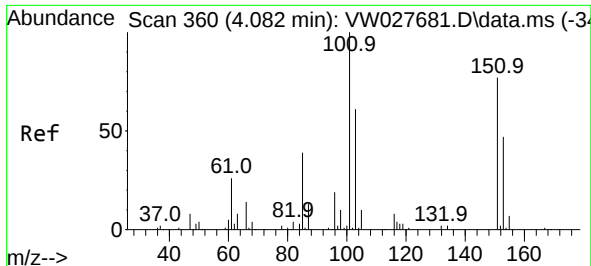
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	377589	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	185110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	28811	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	159004	29.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.920%
7) Chloroethane-d5	2.893	69	131270	31.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.120%
11) 1,1-Dichloroethene-d2	4.015	65	57818	26.997	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.000%
21) 2-Butanone-d5	7.093	46	35776	39.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.580%
24) Chloroform-d	7.648	84	266840	29.699	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.800%
26) 1,2-Dichloroethane-d4	8.301	65	114689	27.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.760%
32) Benzene-d6	8.276	84	529243	48.920	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	195.680%#
36) 1,2-Dichloropropane-d6	9.270	67	156466	51.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	204.200%#
41) Toluene-d8	10.318	98	355635	35.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	141.720%#
43) trans-1,3-Dichloroprop...	10.575	79	30133	25.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.560%
47) 2-Hexanone-d5	10.922	63	26706	59.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78080	33.687	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.760%#
66) 1,2-Dichlorobenzene-d4	13.848	152	27796	26.952	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	4.027	101	1789	0.379	ug/L #	20
16) Methylene chloride	4.911	84	29231	4.937	ug/L	96
35) Methylcyclohexane	9.270	83	37887	7.182	ug/L #	22
37) 1,2-Dichloropropane	9.270	63	15983	6.170	ug/L #	86
42) Toluene	10.386	91	4285	0.371	ug/L	94
48) 2-Hexanone	10.953	43	9553	11.336	ug/L #	35
71) Naphthalene	15.360	128	920	0.517	ug/L #	70

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

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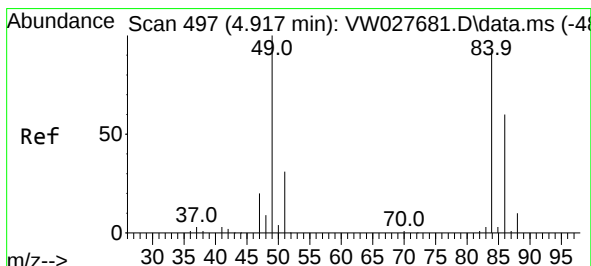
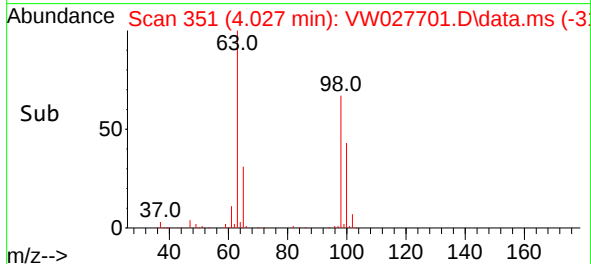
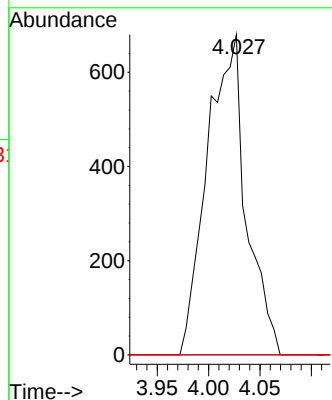
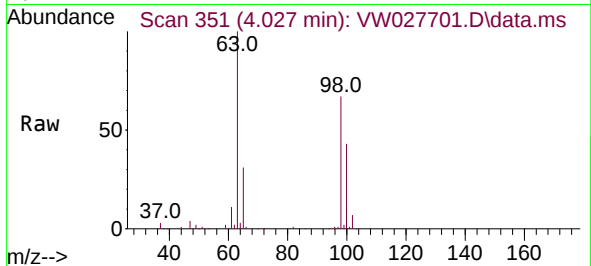
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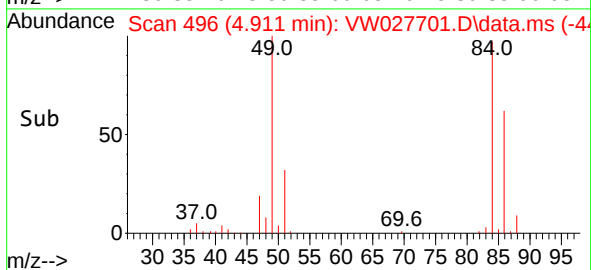
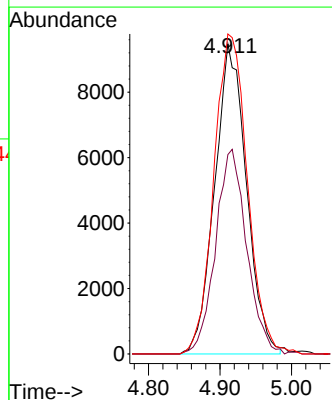
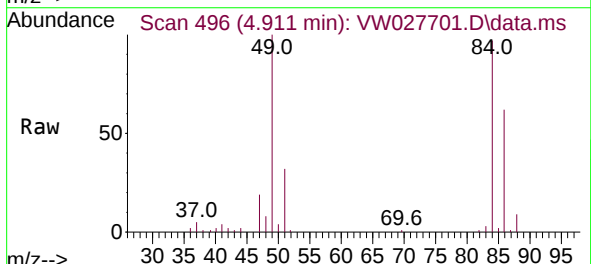
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.379 ug/L
RT: 4.027 min Scan# 351
Delta R.T. -0.055 min
Lab File: VW027701.D
Acq: 16 Dec 2023 18:57

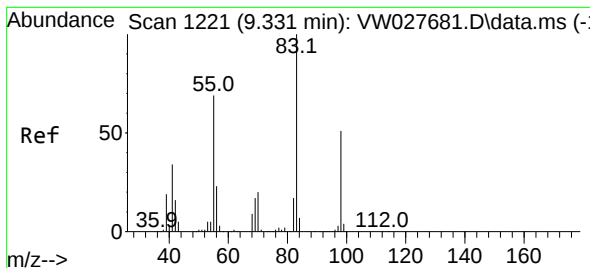
Tgt Ion:101 Resp: 1789
Ion Ratio Lower Upper
101 100
85 0.0 33.0 49.4#
151 0.0 58.9 88.3#



#16
Methylene chloride
Concen: 4.937 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW027701.D
Acq: 16 Dec 2023 18:57

Tgt Ion: 84 Resp: 29231
Ion Ratio Lower Upper
84 100
86 64.3 45.8 85.2
49 103.2 76.2 141.6





#35

Methylcyclohexane

Concen: 7.182 ug/L

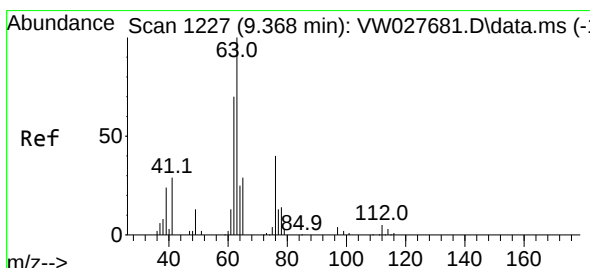
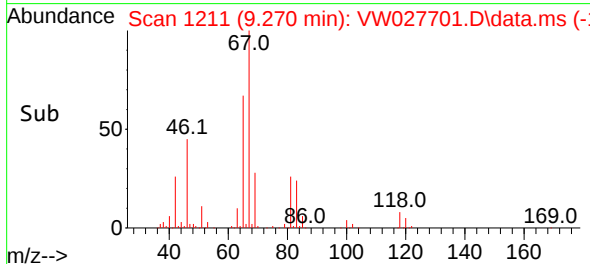
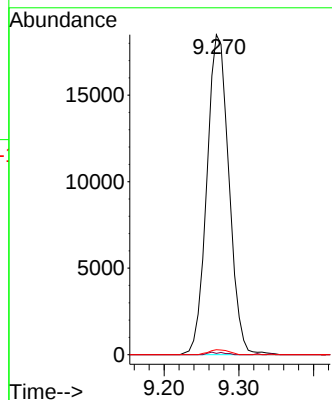
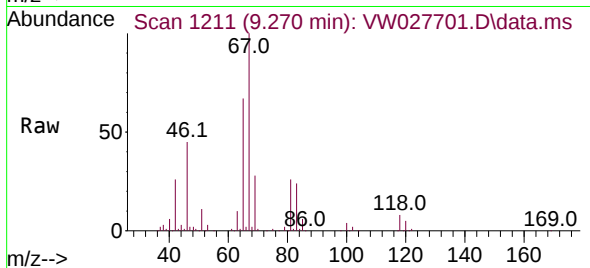
RT: 9.270 min Scan# 1211

Delta R.T. -0.061 min

Lab File: VW027701.D

Acq: 16 Dec 2023 18:57

Tgt Ion:	83	Resp:	37887
Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.1	82.7#
98	1.4	39.3	58.9#



#37

1,2-Dichloropropane

Concen: 6.170 ug/L

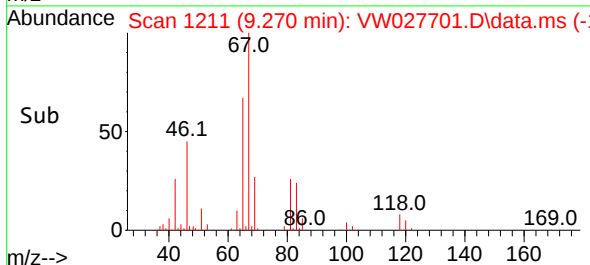
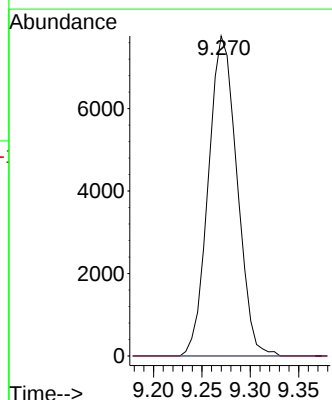
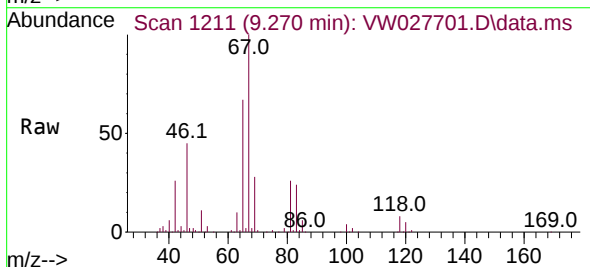
RT: 9.270 min Scan# 1211

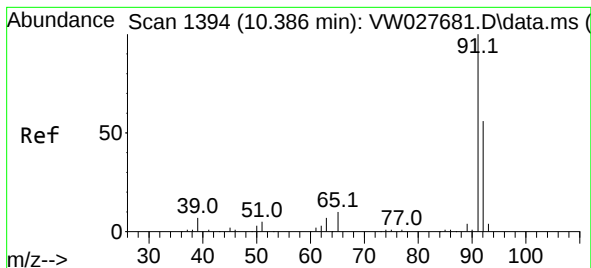
Delta R.T. -0.098 min

Lab File: VW027701.D

Acq: 16 Dec 2023 18:57

Tgt Ion:	63	Resp:	15983
Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.8#





#42

Toluene

Concen: 0.371 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027701.D

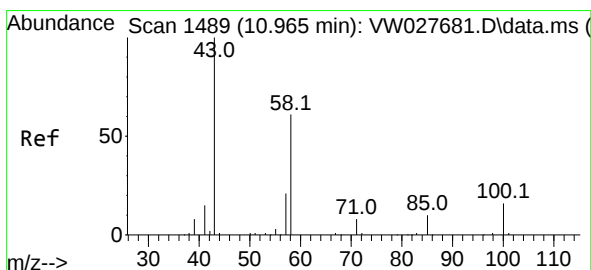
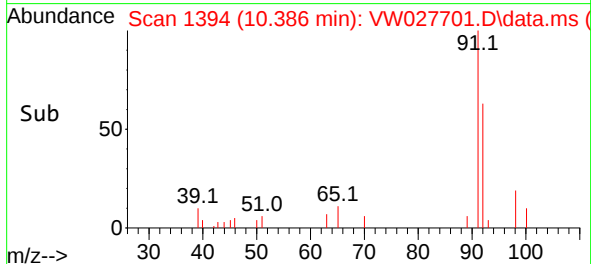
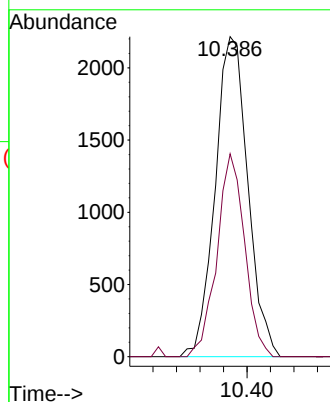
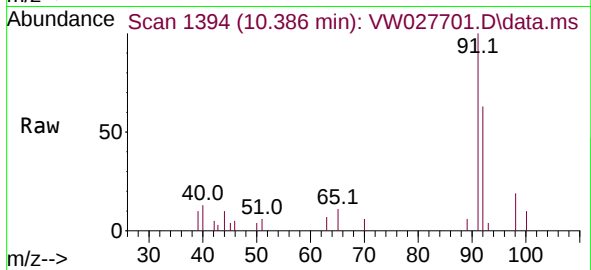
Acq: 16 Dec 2023 18:57

Tgt Ion: 91 Resp: 4285

Ion Ratio Lower Upper

91 100

92 63.4 41.2 76.4



#48

2-Hexanone

Concen: 11.336 ug/L

RT: 10.953 min Scan# 1487

Delta R.T. -0.012 min

Lab File: VW027701.D

Acq: 16 Dec 2023 18:57

Tgt Ion: 43 Resp: 9553

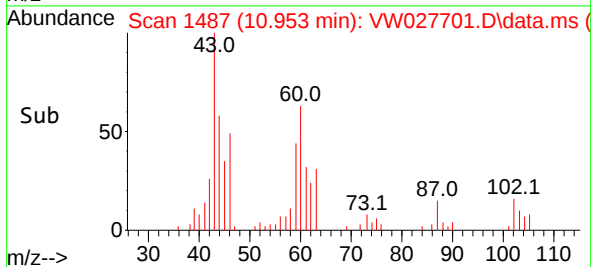
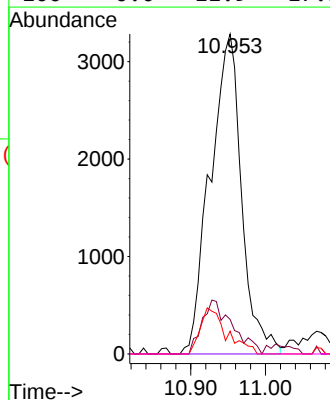
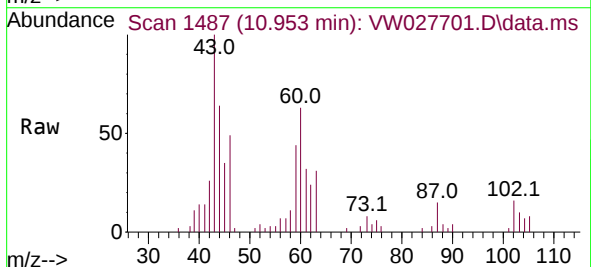
Ion Ratio Lower Upper

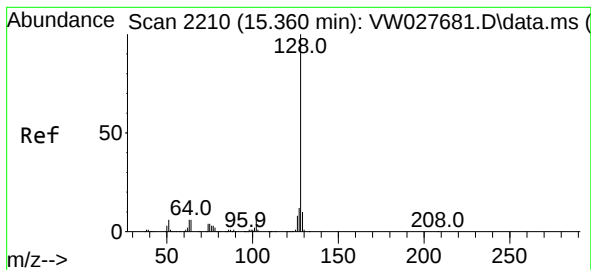
43 100

58 1.4 50.4 75.6#

57 1.5 17.0 25.6#

100 0.0 11.9 17.9#





#71
Naphthalene
Concen: 0.517 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027701.D
Acq: 16 Dec 2023 18:57

Tgt Ion:128 Resp: 920
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 12.8#

