

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
 Data File : VU059409.D
 Acq On : 21 Jun 2024 13:33
 Operator : MD/SY
 Sample : P2962-06 100X
 Misc : 4.52g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 00:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:01:31 2024
 Response via : Initial Calibration

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

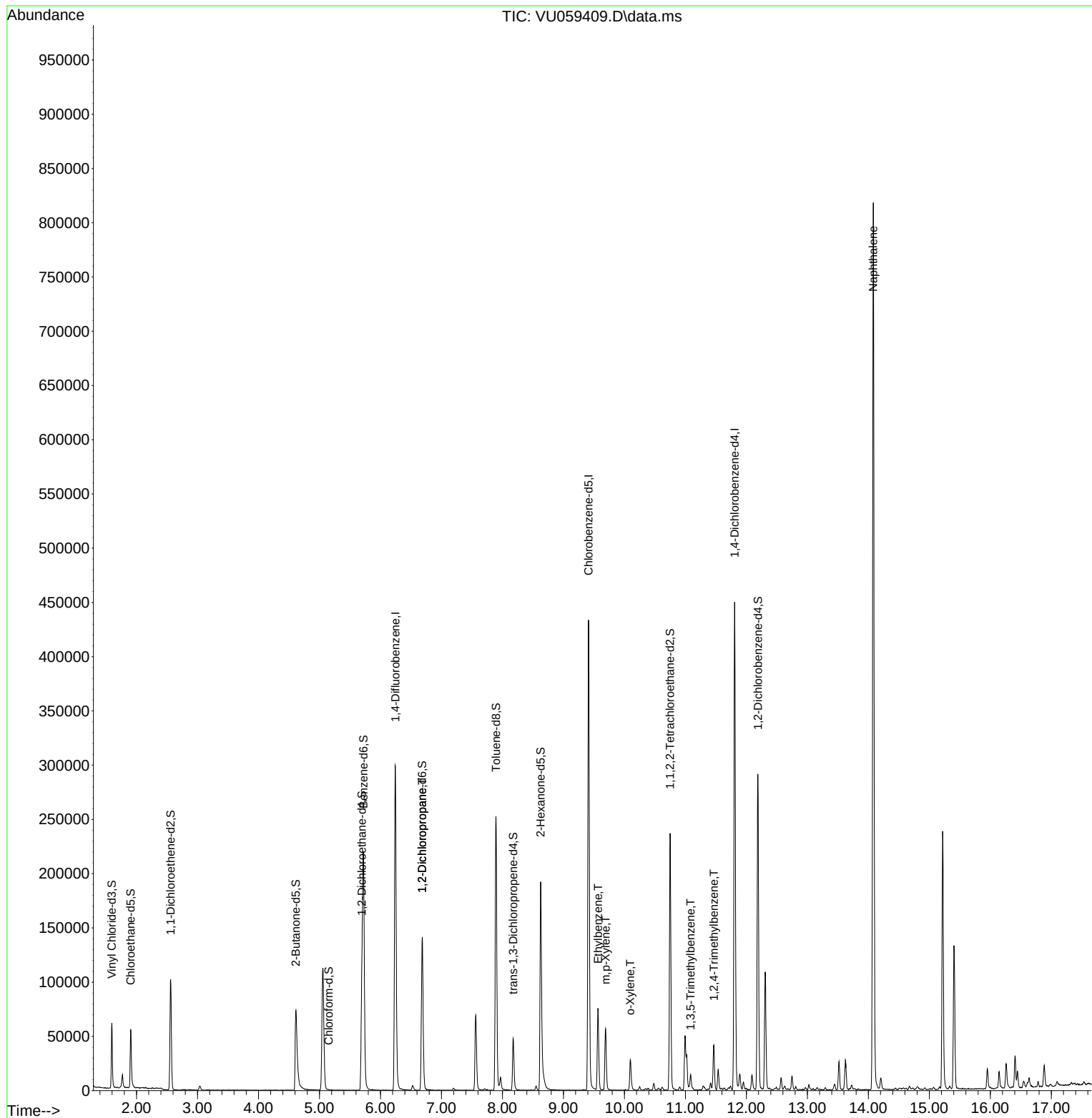
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252802	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	252069	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124663	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44642	29.493	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.980%#
7) Chloroethane-d5	1.904	69	44691	34.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.940%#
11) 1,1-Dichloroethene-d2	2.560	63	59706	19.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.960%#
21) 2-Butanone-d5	4.611	46	107891	75.623	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.620%
24) Chloroform-d	5.152	84	164	0.054	ug/L	0.10
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.100%#
26) 1,2-Dichloroethane-d4	5.695	65	71416	38.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.340%
32) Benzene-d6	5.721	84	211688	36.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.180%
36) 1,2-Dichloropropane-d6	6.685	67	70469	35.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.660%
41) Toluene-d8	7.894	98	179128	36.473	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.940%#
43) trans-1,3-Dichloroprop...	8.177	79	28444	35.276	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.560%
47) 2-Hexanone-d5	8.627	63	68926	74.721	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	121334	35.940	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.880%
66) 1,2-Dichlorobenzene-d4	12.190	152	79389	42.673	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.340%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.685	63	7086	2.742	ug/L #	90
52) Ethylbenzene	9.566	91	55252	5.866	ug/L	99
53) m,p-Xylene	9.692	106	18126	5.236	ug/L	84
54) o-Xylene	10.097	106	7756	2.312	ug/L	86
62) 1,3,5-Trimethylbenzene	11.084	105	8553	1.346	ug/L	95
63) 1,2,4-Trimethylbenzene	11.466	105	23872	3.465	ug/L	100
71) Naphthalene	14.080	128	660500	96.509	ug/L	100

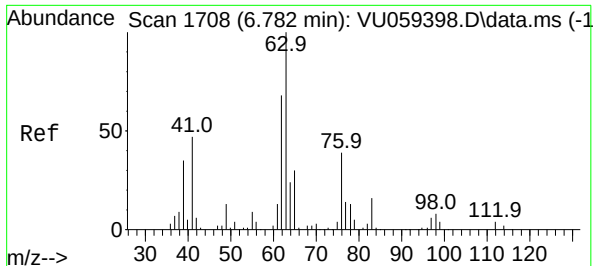
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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Quant Time: Jun 22 00:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
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QLast Update : Sat Jun 22 00:01:31 2024
Response via : Initial Calibration

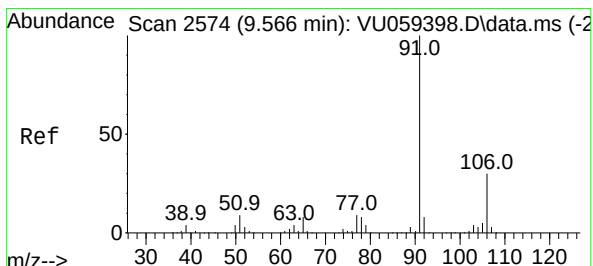
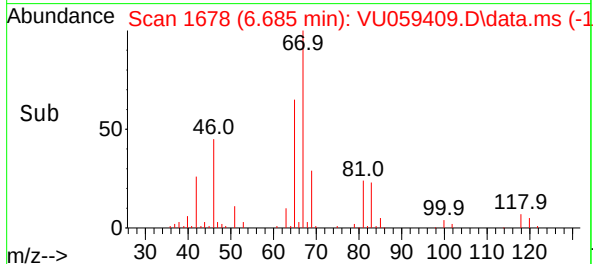
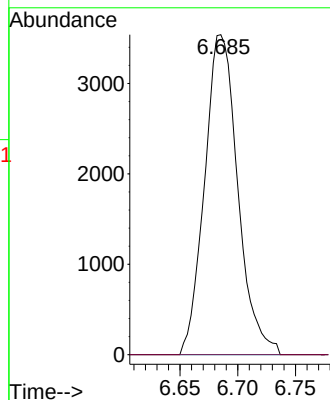
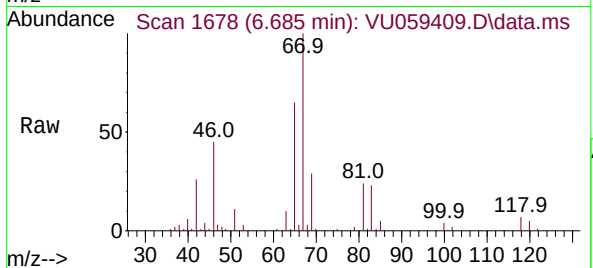




#37
1,2-Dichloropropane
Concen: 2.742 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU059409.D
Acq: 21 Jun 2024 13:33

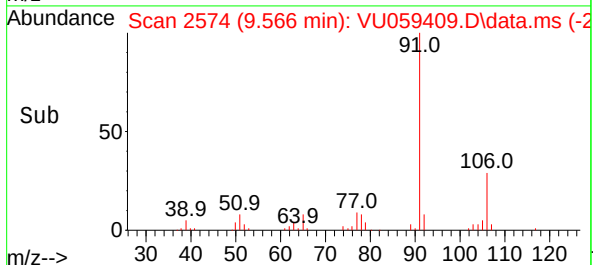
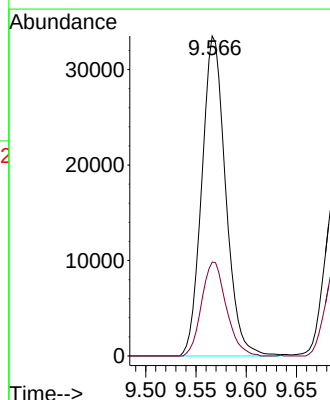
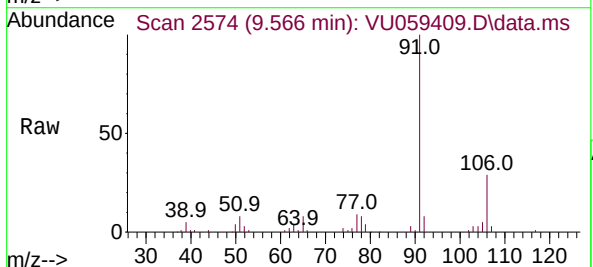
Instrument :
MSVOA_U
ClientSampleId :

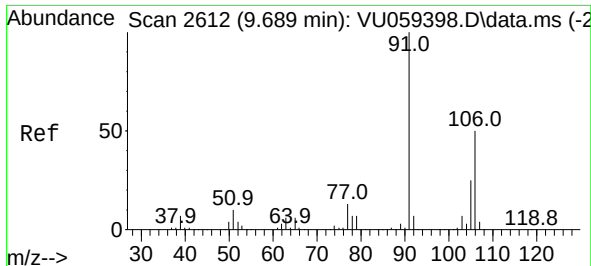
Tgt Ion: 63 Resp: 7086
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#52
Ethylbenzene
Concen: 5.866 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059409.D
Acq: 21 Jun 2024 13:33

Tgt Ion: 91 Resp: 55252
Ion Ratio Lower Upper
91 100
106 29.3 21.0 39.0





#53

m,p-Xylene

Concen: 5.236 ug/L

RT: 9.692 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU059409.D

Acq: 21 Jun 2024 13:33

Instrument :

MSVOA_U

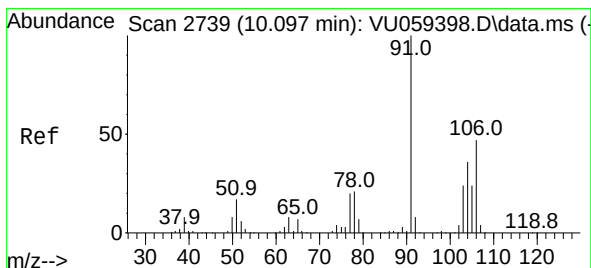
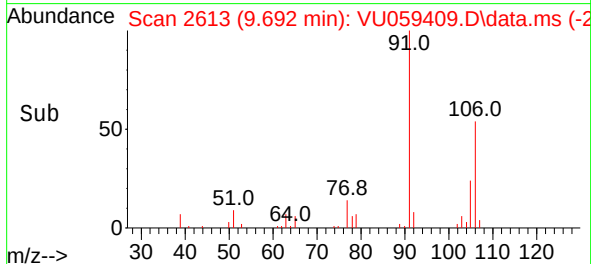
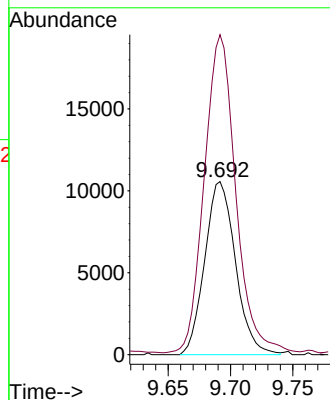
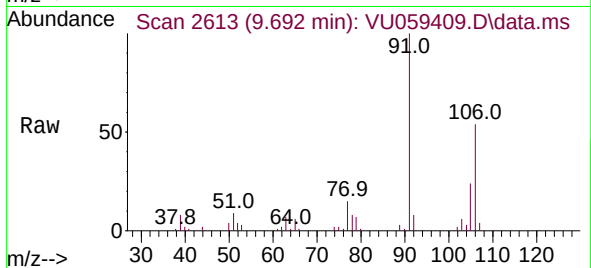
ClientSampleId :

Tgt Ion:106 Resp: 18126

Ion Ratio Lower Upper

106 100

91 184.9 146.4 272.0



#54

o-Xylene

Concen: 2.312 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. -0.000 min

Lab File: VU059409.D

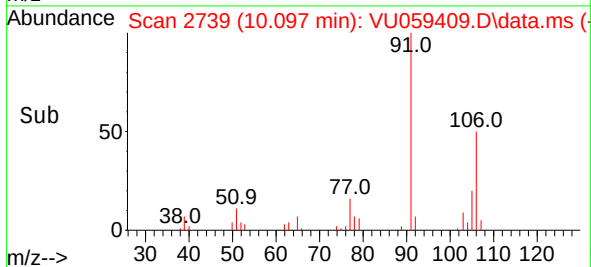
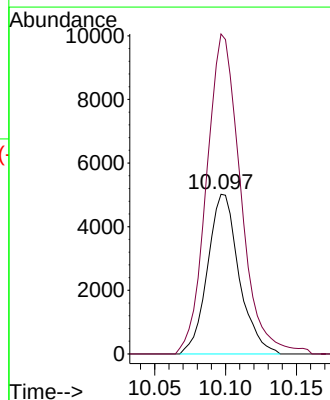
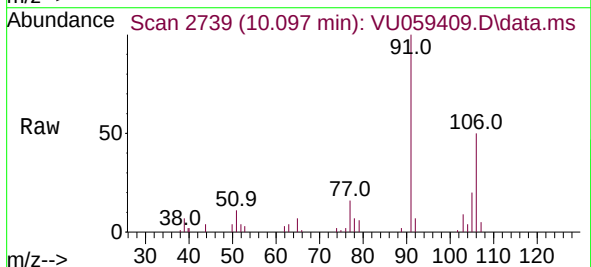
Acq: 21 Jun 2024 13:33

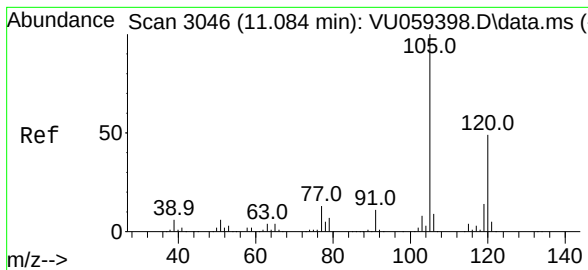
Tgt Ion:106 Resp: 7756

Ion Ratio Lower Upper

106 100

91 200.4 156.7 290.9

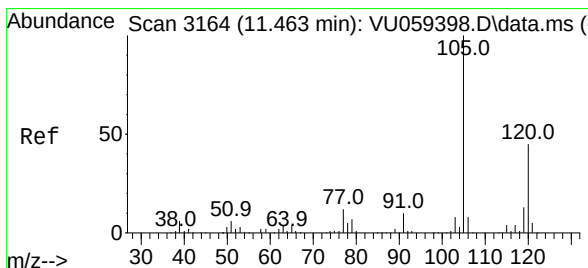
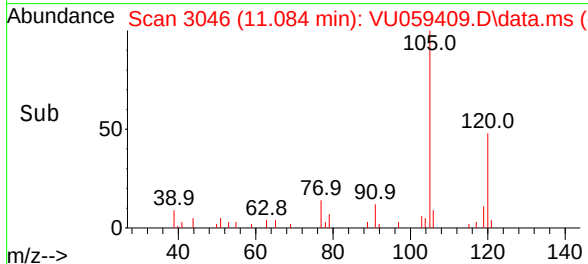
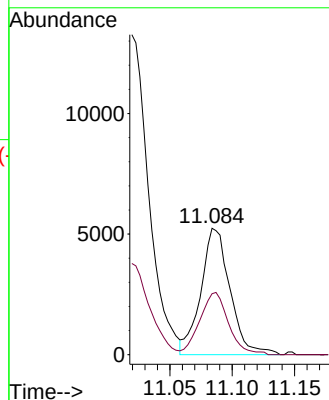
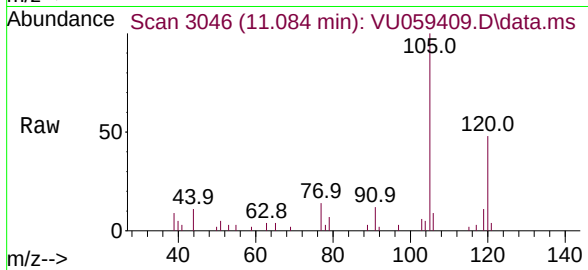




#62
1,3,5-Trimethylbenzene
Concen: 1.346 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059409.D
Acq: 21 Jun 2024 13:33

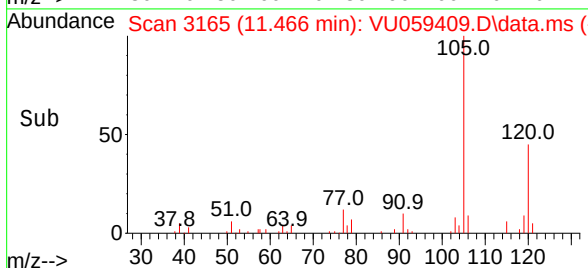
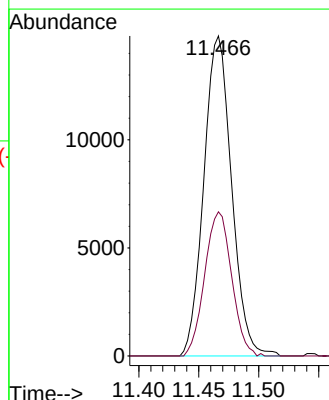
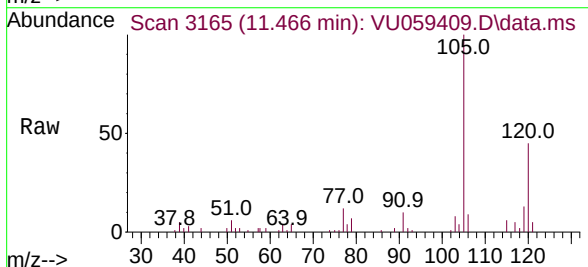
Instrument :
MSVOA_U
ClientSampleId :

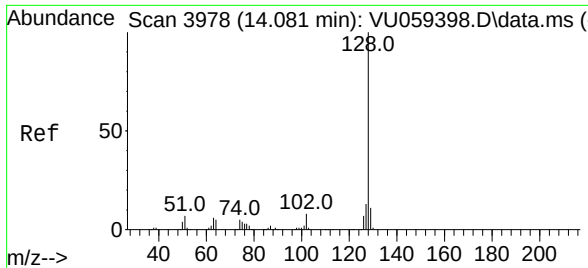
Tgt Ion:105 Resp: 8553
Ion Ratio Lower Upper
105 100
120 44.2 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 3.465 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059409.D
Acq: 21 Jun 2024 13:33

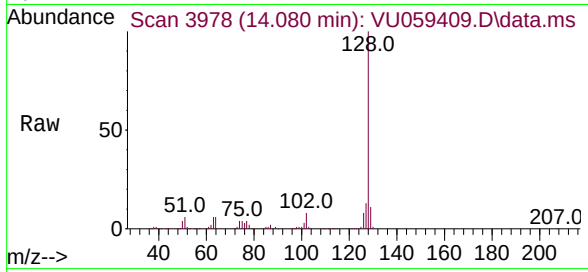
Tgt Ion:105 Resp: 23872
Ion Ratio Lower Upper
105 100
120 43.5 35.0 52.6





#71
Naphthalene
Concen: 96.509 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU059409.D
Acq: 21 Jun 2024 13:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 660500

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.5	12.7

