

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054956.D
 Acq On : 29 Aug 2023 14:55
 Operator : MD/SY
 Sample : 04158-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:30:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

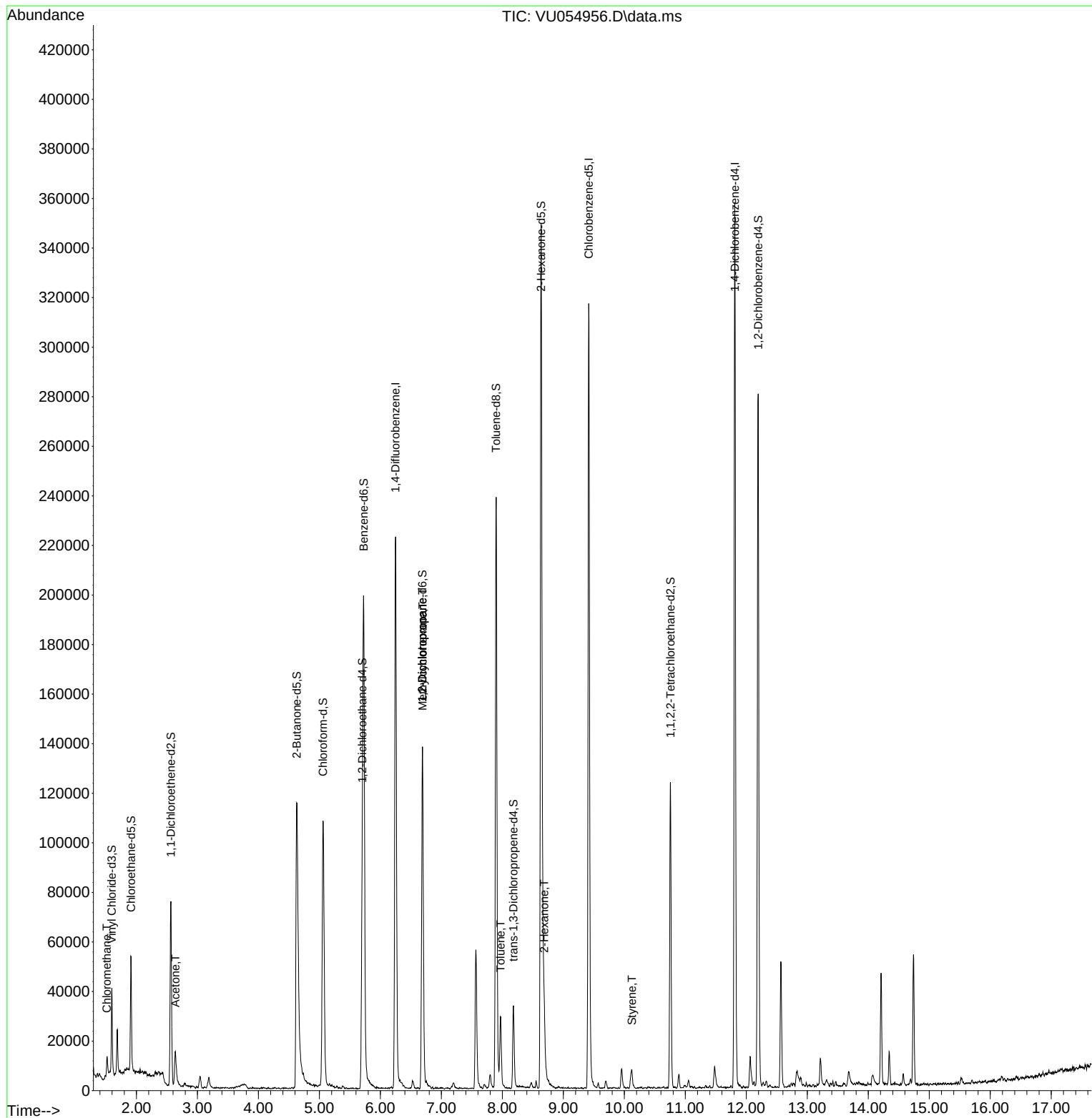
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181158	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	170793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87038	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23120	4.044	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.911	69	31569	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.563	65	14049	4.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.628	46	178044	57.687	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.380%
24) Chloroform-d	5.059	84	98596	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.702	65	53913	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.724	84	178485	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.689	67	64828	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.898	98	161587	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.181	79	19916	4.482	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.634	63	116295	55.140	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.280%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	58621	5.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	69300	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
3) Chloromethane	1.515	50	5810	0.496	ug/L	93
13) Acetone	2.637	43	18975	11.374	ug/L	95
35) Methylcyclohexane	6.692	83	15016	0.909	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7760	0.691	ug/L #	90
42) Toluene	7.968	91	20545	0.460	ug/L	93
48) 2-Hexanone	8.685	43	14893	3.212	ug/L #	95
55) Styrene	10.123	104	4388	0.147	ug/L	86

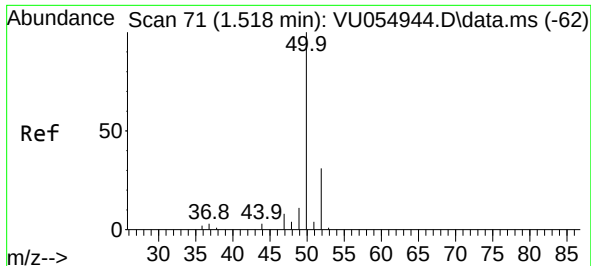
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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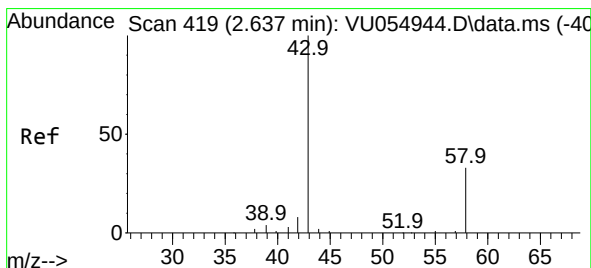
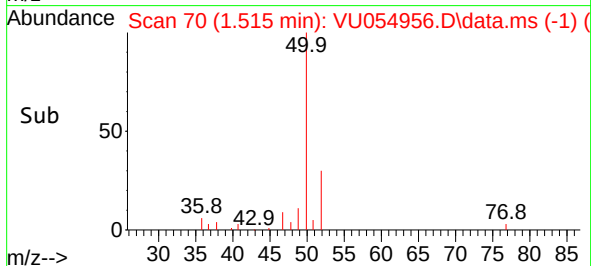
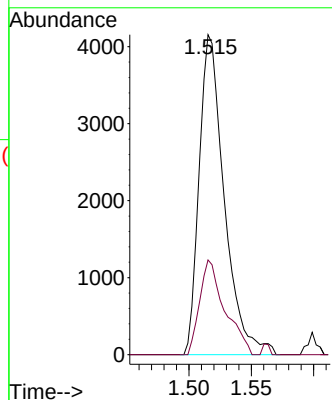
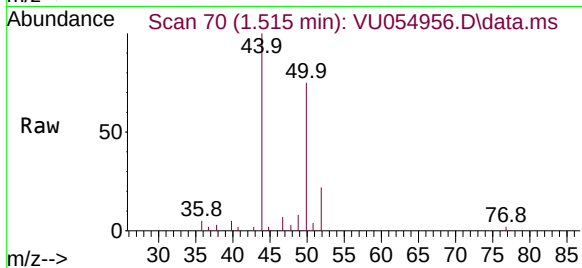
#3
Chloromethane
Concen: 0.496 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU054956.D
Acq: 29 Aug 2023 14:55

Instrument :

MSVOA_U

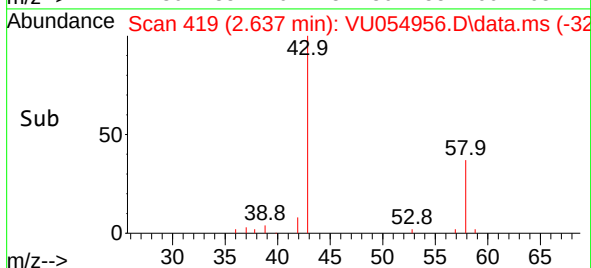
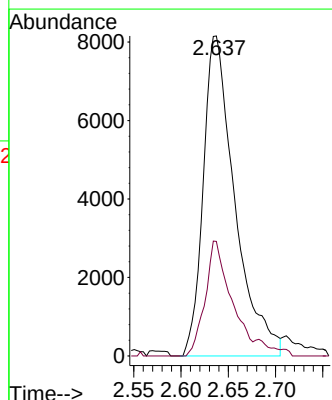
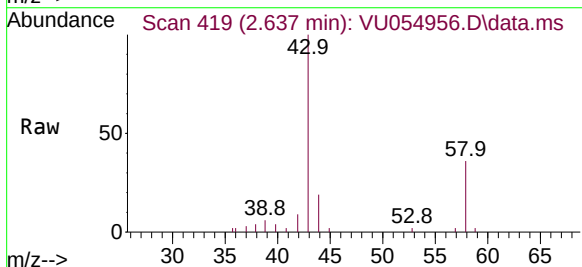
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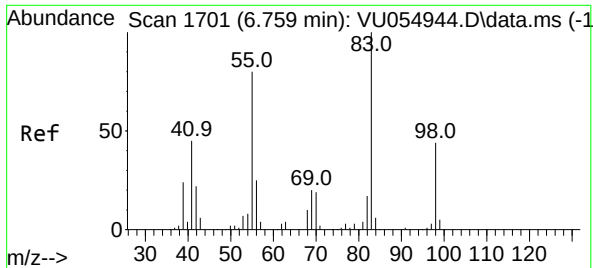
Tgt Ion: 50 Resp: 5810
Ion Ratio Lower Upper
50 100
52 29.6 23.4 43.6



#13
Acetone
Concen: 11.374 ug/L
RT: 2.637 min Scan# 419
Delta R.T. 0.000 min
Lab File: VU054956.D
Acq: 29 Aug 2023 14:55

Tgt Ion: 43 Resp: 18975
Ion Ratio Lower Upper
43 100
58 29.3 0.0 64.4

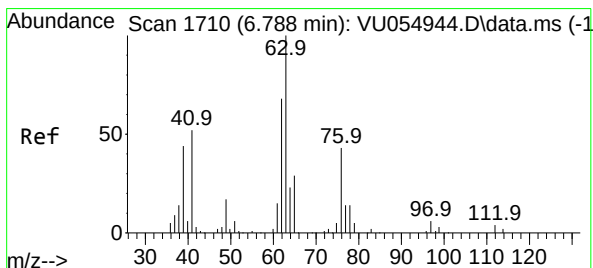
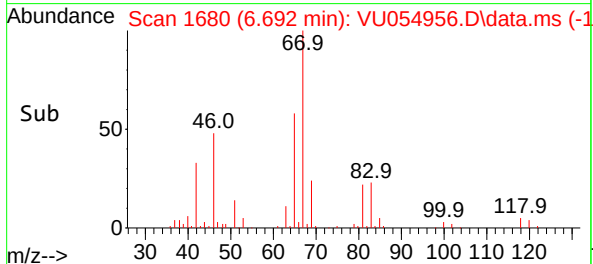
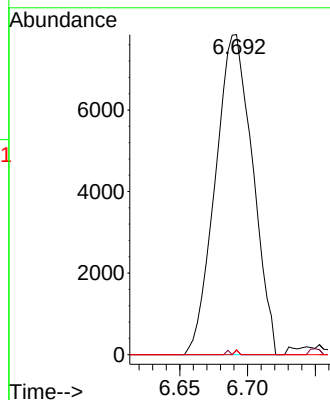
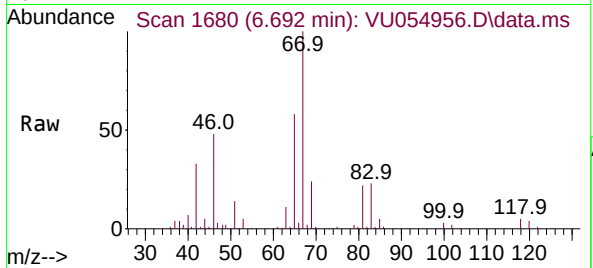




#35
Methylcyclohexane
Concen: 0.909 ug/L
RT: 6.692 min Scan# 1679
Delta R.T. -0.067 min
Lab File: VU054956.D
Acq: 29 Aug 2023 14:55

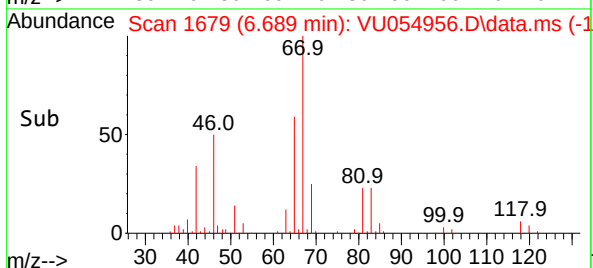
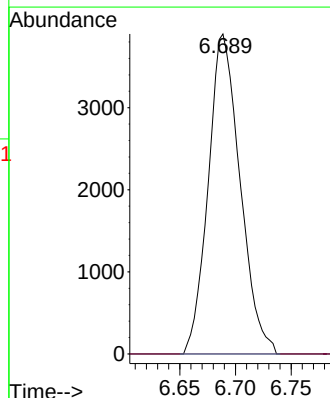
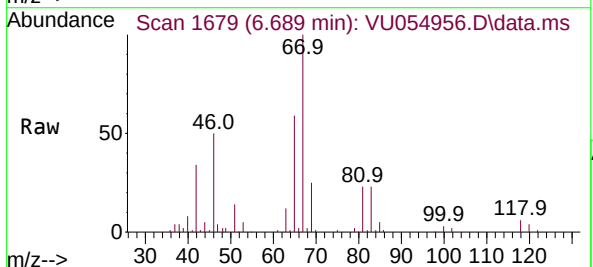
Instrument :
MSVOA_U
ClientSampleId :

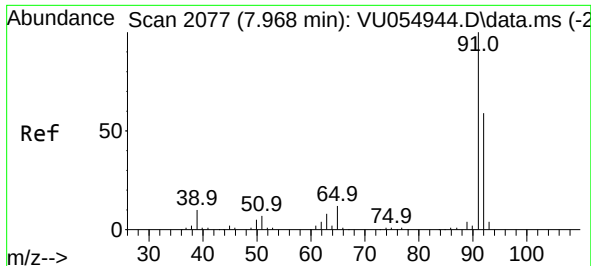
Tgt Ion: 83 Resp: 15016
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 0.2 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU054956.D
Acq: 29 Aug 2023 14:55

Tgt Ion: 63 Resp: 7760
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#42

Toluene

Concen: 0.460 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU054956.D

Acq: 29 Aug 2023 14:55

Instrument :

MSVOA_U

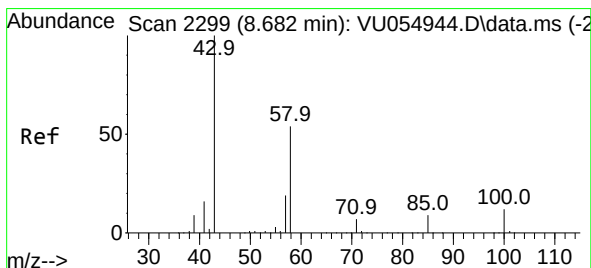
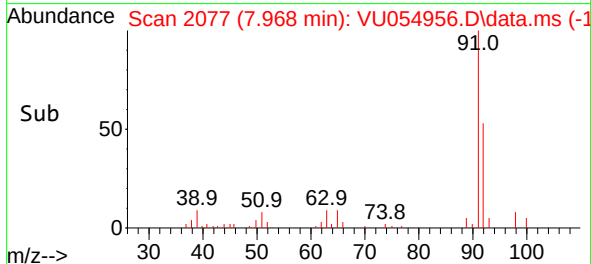
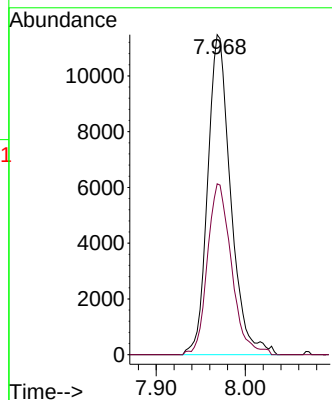
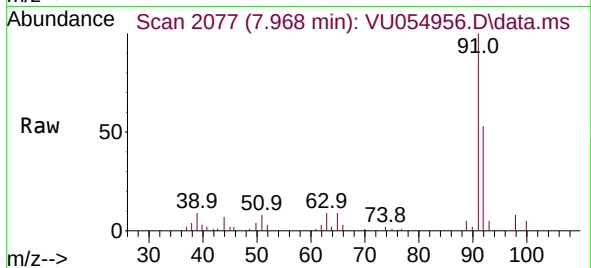
ClientSampleId :

Tgt Ion: 91 Resp: 20545

Ion Ratio Lower Upper

91 100

92 53.4 41.2 76.4



#48

2-Hexanone

Concen: 3.212 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054956.D

Acq: 29 Aug 2023 14:55

Tgt Ion: 43 Resp: 14893

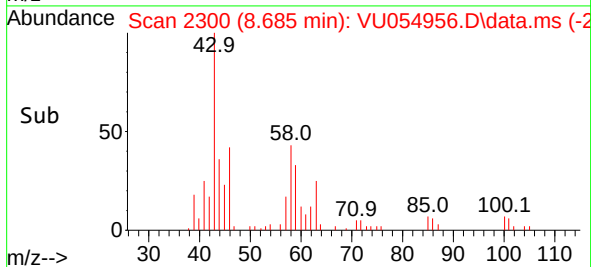
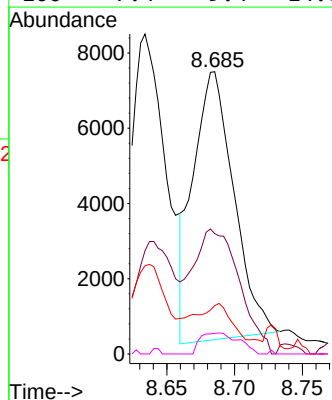
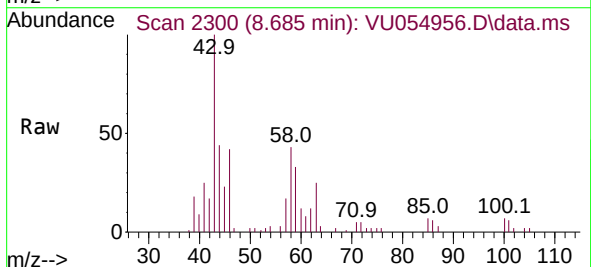
Ion Ratio Lower Upper

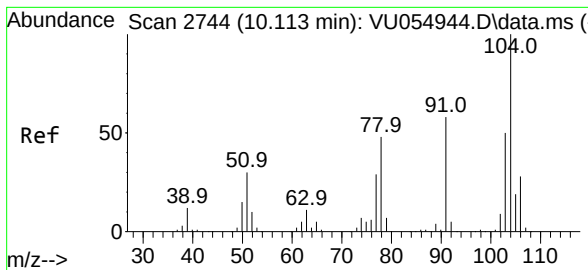
43 100

58 54.6 44.0 66.0

57 13.8 15.9 23.9#

100 7.4 9.4 14.0#





#55
 Styrene
 Concen: 0.147 ug/L
 RT: 10.123 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VU054956.D
 Acq: 29 Aug 2023 14:55

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:104 Resp: 4388
 Ion Ratio Lower Upper
 104 100
 78 38.4 33.7 62.7

