

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059817.D
 Acq On : 03 Jul 2024 23:18
 Operator : MD/SY
 Sample : P3136-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 02:13:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

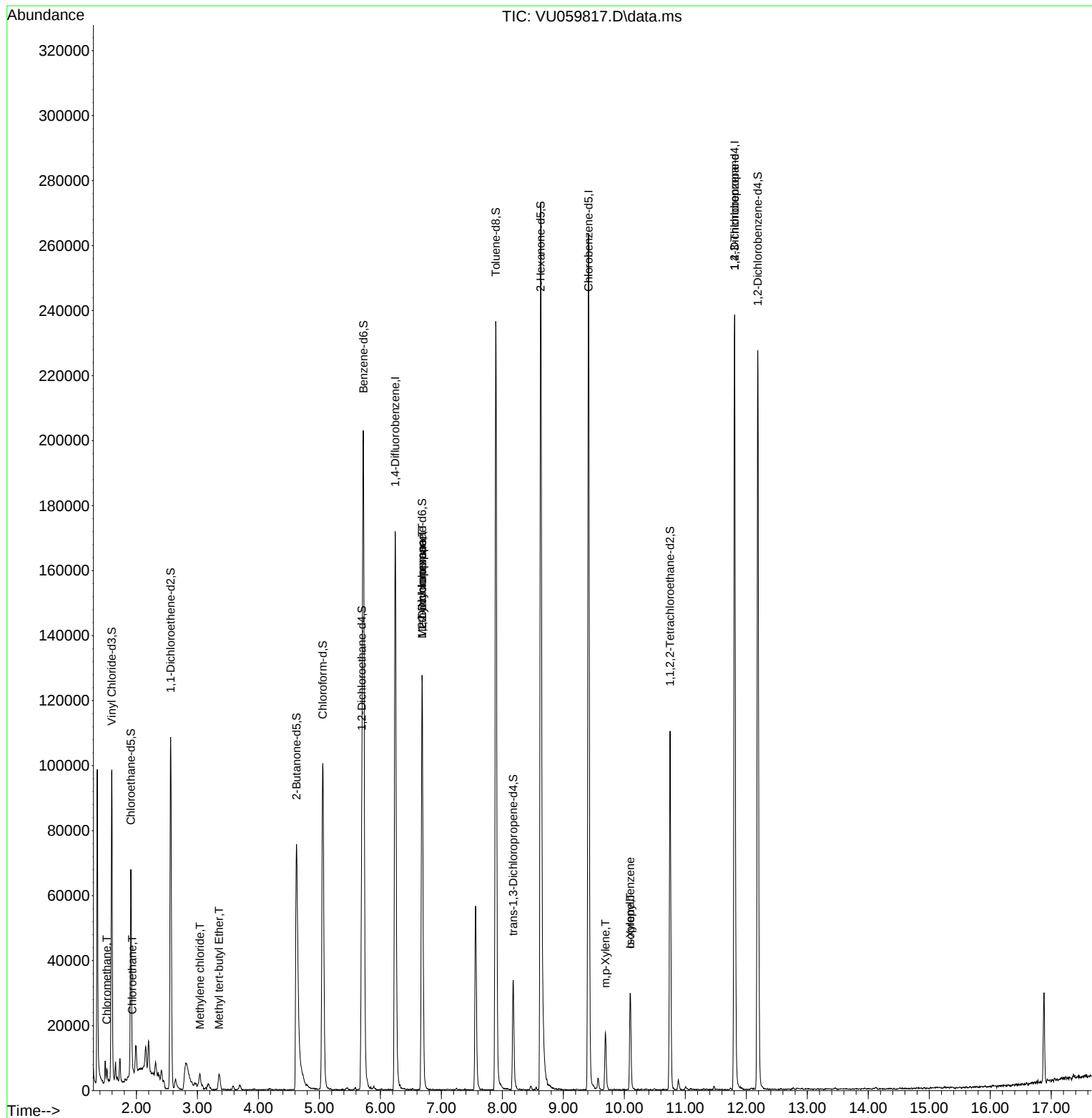
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149037	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52886	5.103	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.908	69	46538	4.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.560	65	20146	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.624	46	121992	57.147	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.300%
24) Chloroform-d	5.055	84	98446	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	51461	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.721	84	200898	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	64885	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.891	98	170261	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.177	79	21343	5.091	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.628	63	95427	54.787	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.580%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56476	5.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	65029	5.185	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2828	0.208	ug/L	98
8) Chloroethane	1.933	64	4084	0.451	ug/L #	53
16) Methylene chloride	3.039	84	2328	0.186	ug/L	85
17) Methyl tert-butyl Ether	3.354	73	3465	0.152	ug/L #	50
35) Methylcyclohexane	6.685	83	14712	0.792	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6945	0.557	ug/L #	90
53) m,p-Xylene	9.689	106	5591	0.278	ug/L	92
54) o-Xylene	10.097	106	8421	0.441	ug/L	92
60) Isopropylbenzene	10.097	105	3865	0.089	ug/L #	20
61) 1,2,3-Trichloropropane	11.807	75	7622	1.171	ug/L #	68

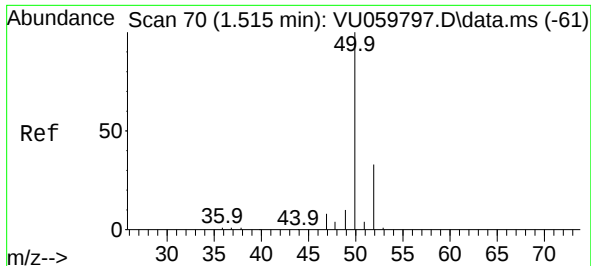
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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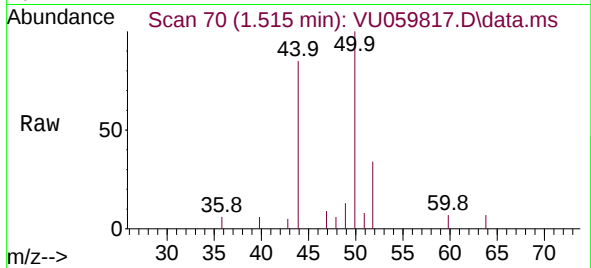
Quant Time: Jul 04 02:13:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
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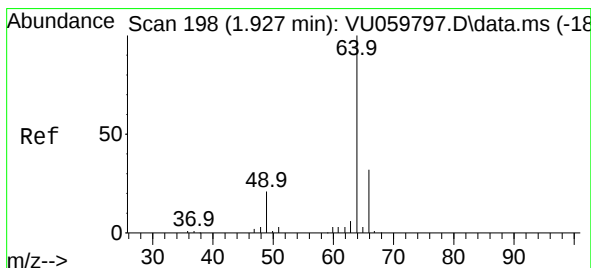
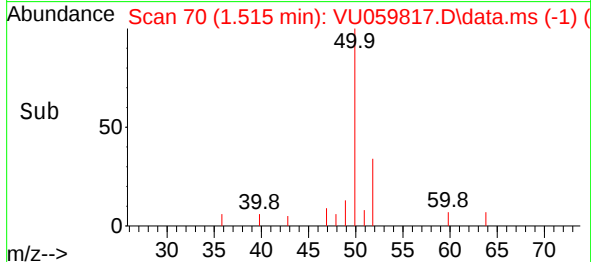
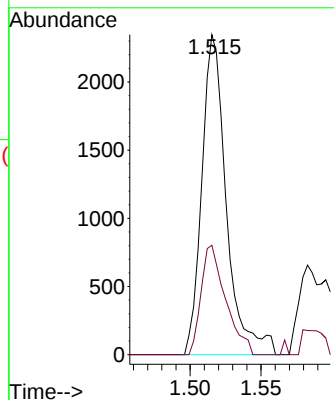


#3
Chloromethane
Concen: 0.208 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU059817.D
Acq: 03 Jul 2024 23:18

Instrument :
MSVOA_U
ClientSampleId :

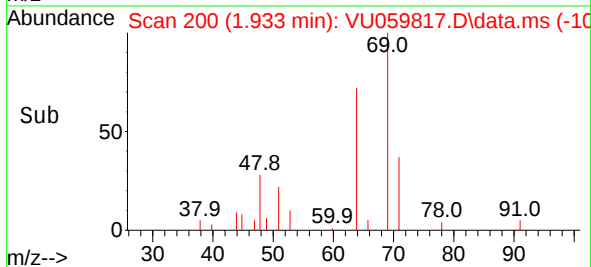
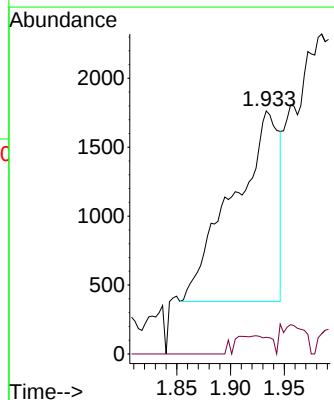
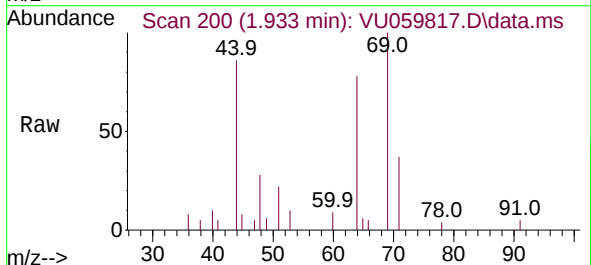


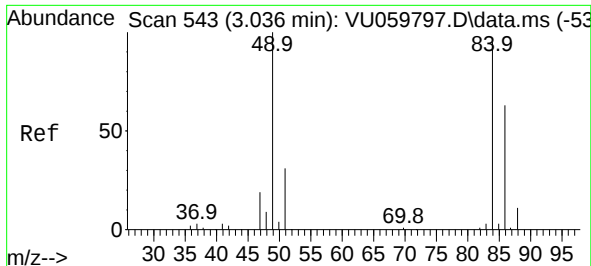
Tgt Ion: 50 Resp: 2828
Ion Ratio Lower Upper
50 100
52 34.2 23.2 43.0



#8
Chloroethane
Concen: 0.451 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.006 min
Lab File: VU059817.D
Acq: 03 Jul 2024 23:18

Tgt Ion: 64 Resp: 4084
Ion Ratio Lower Upper
64 100
66 6.8 23.2 43.2#





#16

Methylene chloride

Concen: 0.186 ug/L

RT: 3.039 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU059817.D

Acq: 03 Jul 2024 23:18

Instrument :

MSVOA_U

ClientSampleId :

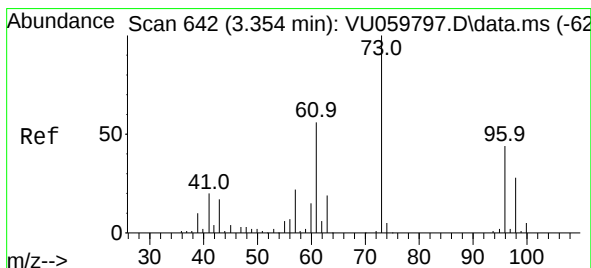
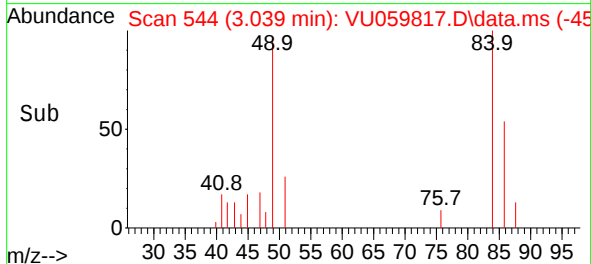
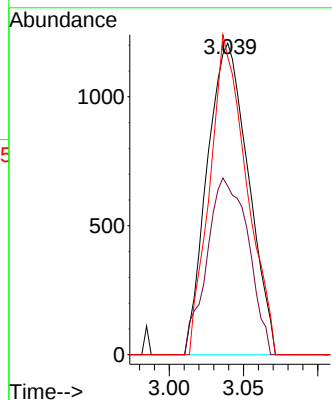
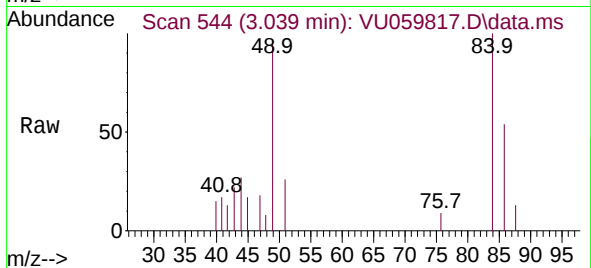
Tgt Ion: 84 Resp: 2328

Ion Ratio Lower Upper

84 100

86 54.1 42.1 78.1

49 95.6 80.6 149.8



#17

Methyl tert-butyl Ether

Concen: 0.152 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU059817.D

Acq: 03 Jul 2024 23:18

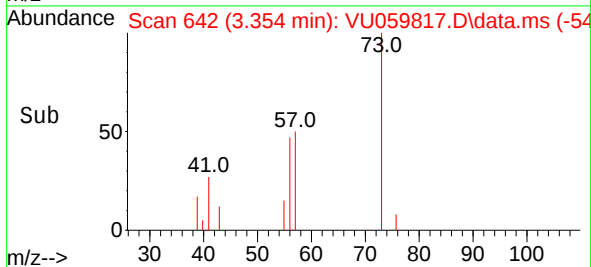
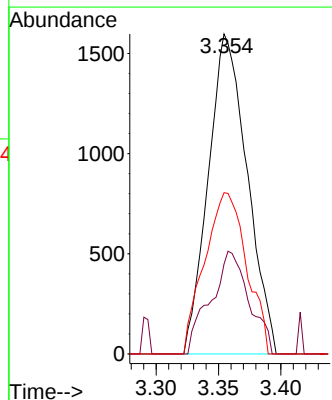
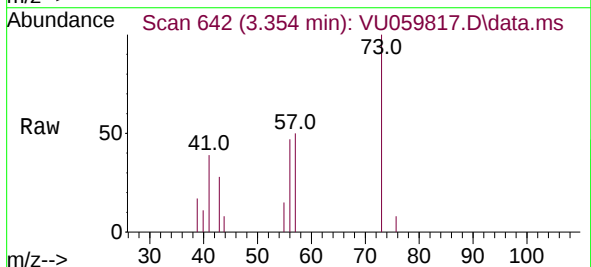
Tgt Ion: 73 Resp: 3465

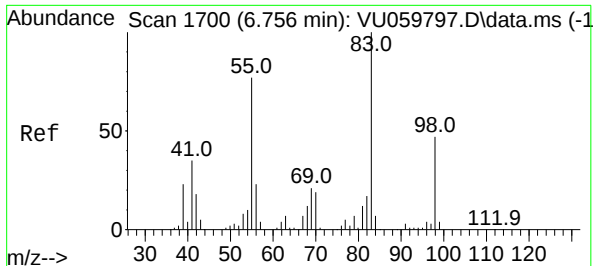
Ion Ratio Lower Upper

73 100

43 31.7 14.9 22.3#

57 54.4 18.0 27.0#





#35

Methylcyclohexane

Concen: 0.792 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU059817.D

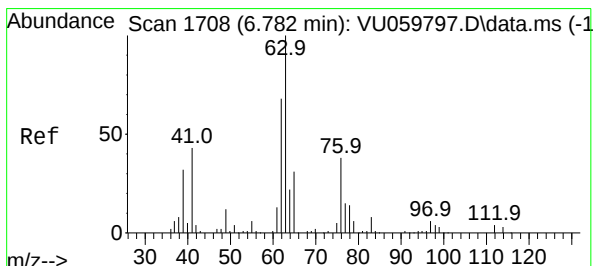
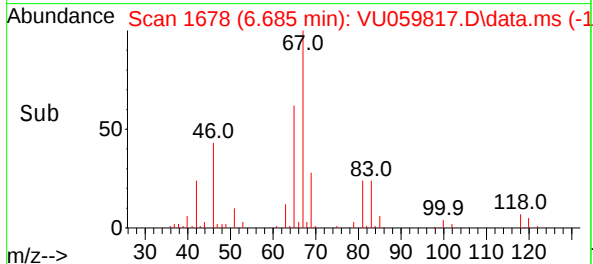
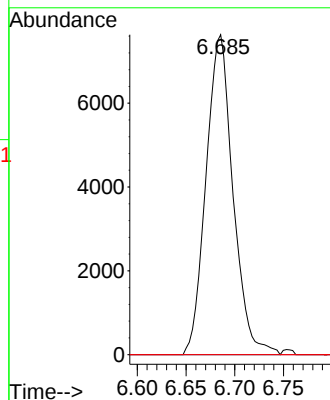
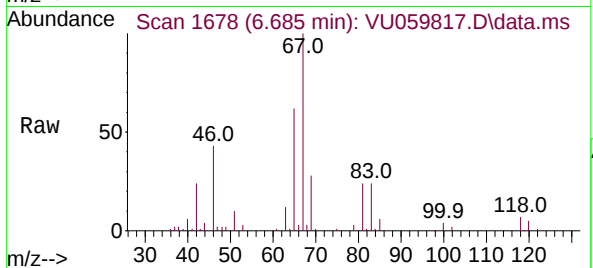
Acq: 03 Jul 2024 23:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14712
Ion Ratio	Lower Upper
83	100
55	0.1 62.7 94.1#
98	0.0 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.557 ug/L

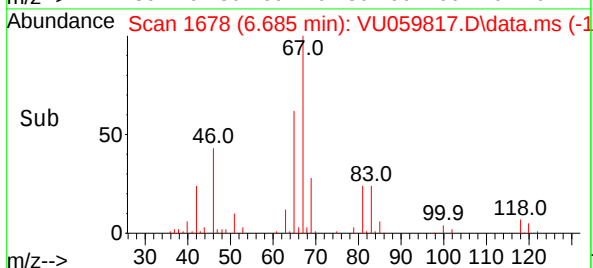
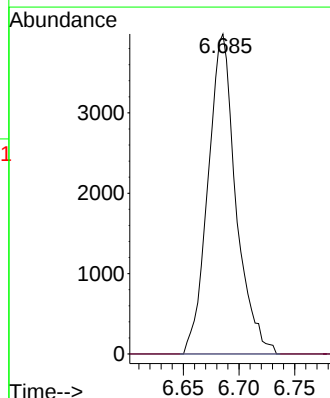
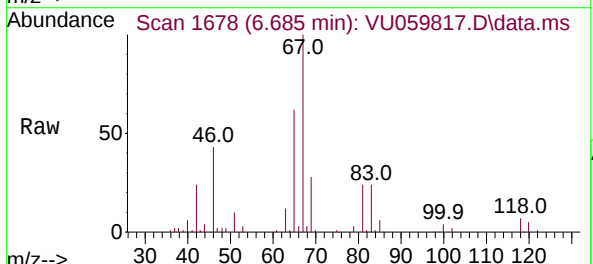
RT: 6.685 min Scan# 1678

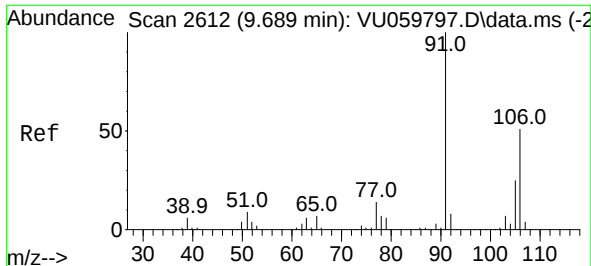
Delta R.T. -0.096 min

Lab File: VU059817.D

Acq: 03 Jul 2024 23:18

Tgt Ion: 63	Resp: 6945
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 3.8#

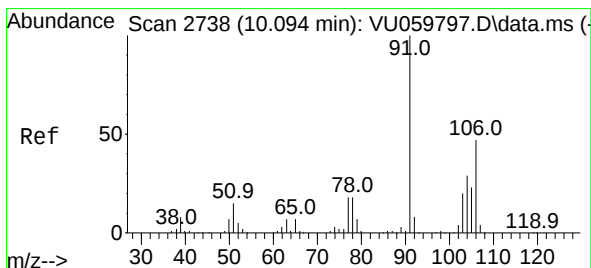
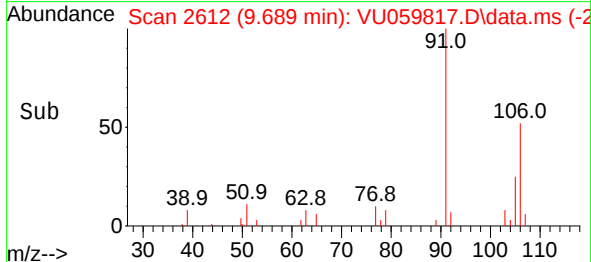
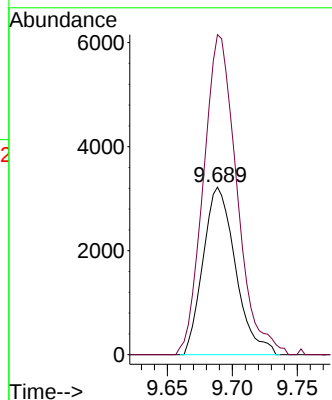
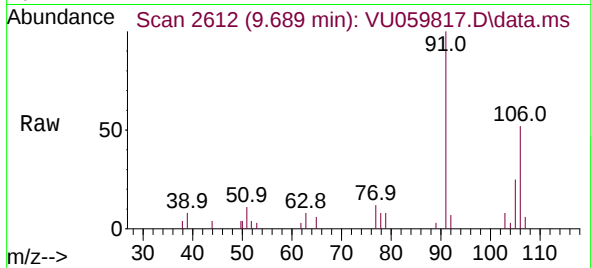




#53
m,p-Xylene
Concen: 0.278 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059817.D
Acq: 03 Jul 2024 23:18

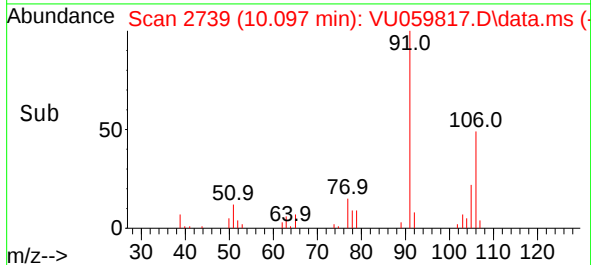
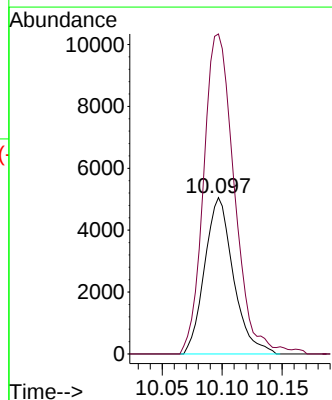
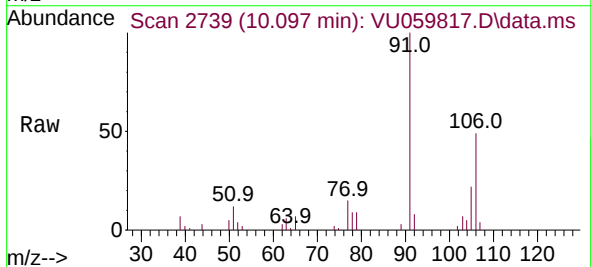
Instrument :
MSVOA_U
ClientSampleId :

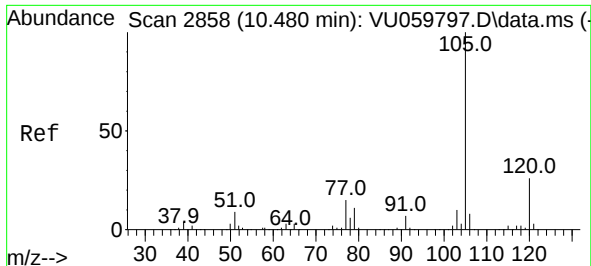
Tgt Ion:106 Resp: 5591
Ion Ratio Lower Upper
106 100
91 191.0 142.0 263.8



#54
o-Xylene
Concen: 0.441 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU059817.D
Acq: 03 Jul 2024 23:18

Tgt Ion:106 Resp: 8421
Ion Ratio Lower Upper
106 100
91 204.6 151.6 281.6

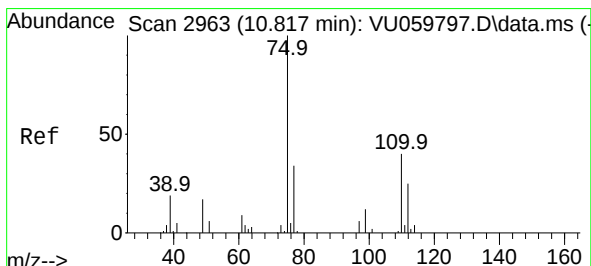
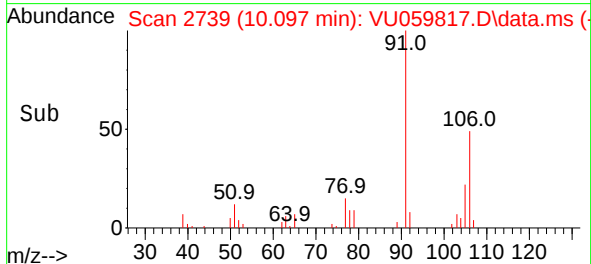
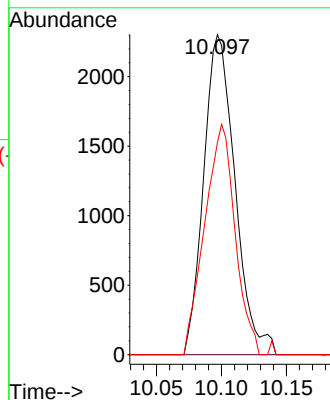
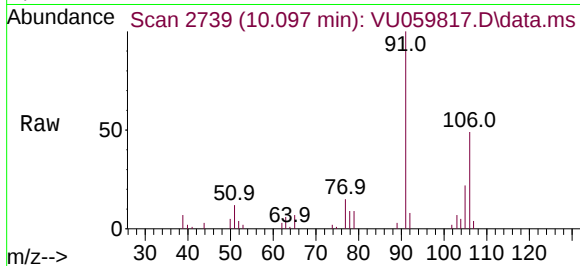




#60
Isopropylbenzene
Concen: 0.089 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.383 min
Lab File: VU059817.D
Acq: 03 Jul 2024 23:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 3865
Ion Ratio Lower Upper
105 100
120 0.0 20.6 31.0#
77 69.8 12.8 19.2#



#61
1,2,3-Trichloropropane
Concen: 1.171 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU059817.D
Acq: 03 Jul 2024 23:18

Tgt Ion: 75 Resp: 7622
Ion Ratio Lower Upper
75 100
110 1.0 27.1 40.7#
77 34.0 25.4 38.2

