

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049908.D
 Acq On : 26 Jul 2022 12:21
 Operator : SY/MD
 Sample : N3879-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUN9

Quant Time: Jul 27 03:56:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

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

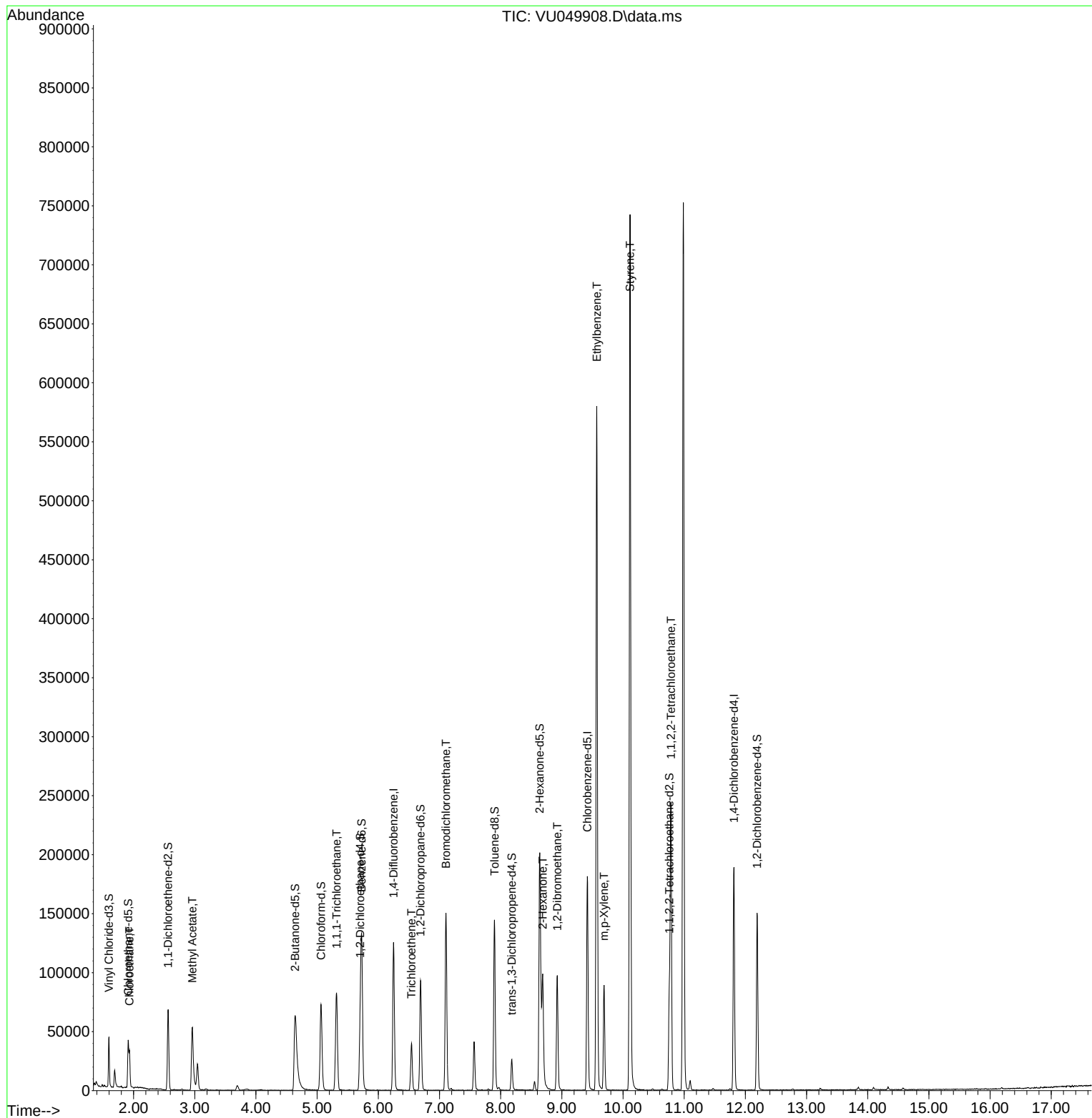
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	96914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	94125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29173	3.718	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.400%	
7) Chloroethane-d5	1.912	69	26043	3.966	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.562	65	12802	3.656	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	4.642	46	129417	45.843	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.680%	
24) Chloroform-d	5.063	84	67501	3.863	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.200%	
26) 1,2-Dichloroethane-d4	5.703	65	39776	3.882	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
32) Benzene-d6	5.729	84	119684	3.732	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.600%	
36) 1,2-Dichloropropane-d6	6.690	67	45191	4.078	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.600%	
41) Toluene-d8	7.899	98	95303	3.399	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.000%#	
43) trans-1,3-Dichloroprop...	8.182	79	14840	3.689	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.636	63	61906	38.834	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.660%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41684	4.480	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	37295	3.806	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	76.200%#	
Target Compounds						Qvalue
8) Chloroethane	1.932	64	16811	2.772	ug/L	100
15) Methyl Acetate	2.961	43	84159	19.881	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	59906	4.534	ug/L	99
34) Trichloroethene	6.542	95	12960	1.565	ug/L	99
38) Bromodichloromethane	7.105	83	97331	8.003	ug/L	99
48) 2-Hexanone	8.687	43	61541	12.144	ug/L	97
50) 1,2-Dibromoethane	8.925	107	63740	10.331	ug/L	98
52) Ethylbenzene	9.571	91	395697	11.266	ug/L	99
53) m,p-Xylene	9.690	106	22351	1.730	ug/L	91
55) Styrene	10.115	104	341539	15.792	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	116287	12.958	ug/L	95

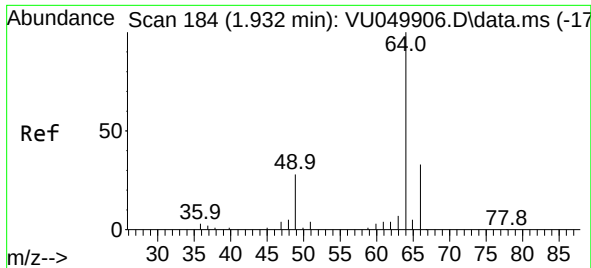
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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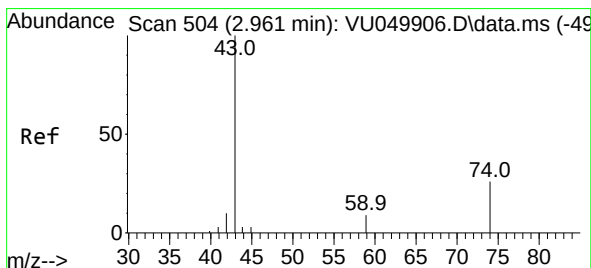
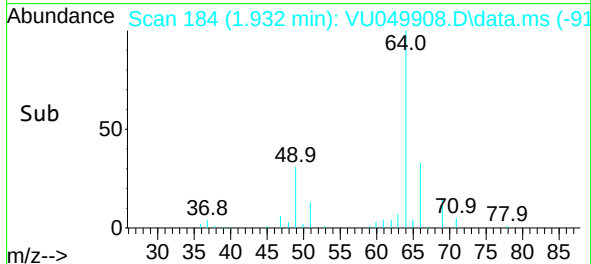
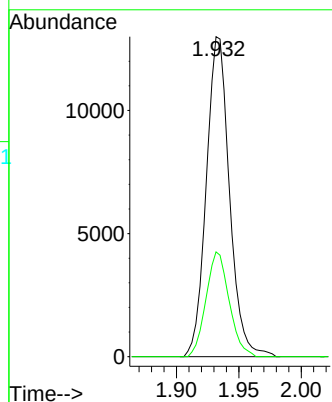
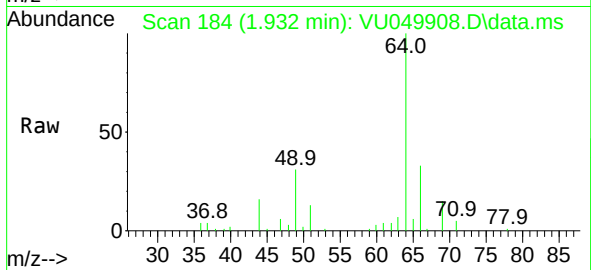




#8
Chloroethane
Concen: 2.772 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

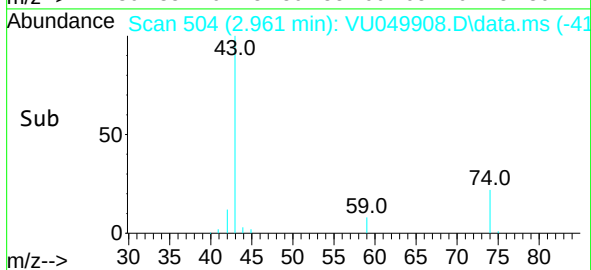
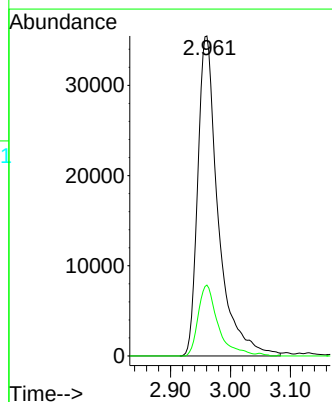
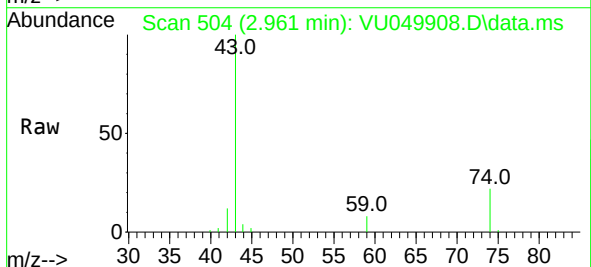
Instrument :
MSVOA_U
ClientSampleId :
DBUN9

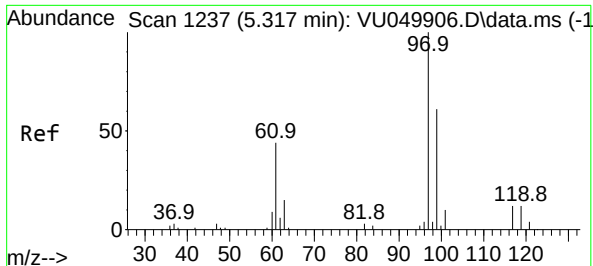
Tgt Ion: 64 Resp: 16811
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.3



#15
Methyl Acetate
Concen: 19.881 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion: 43 Resp: 84159
Ion Ratio Lower Upper
43 100
74 21.6 17.1 25.7





#29

1,1,1-Trichloroethane

Concen: 4.534 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049908.D

Acq: 26 Jul 2022 12:21

Instrument :

MSVOA_U

ClientSampleId :

DBUN9

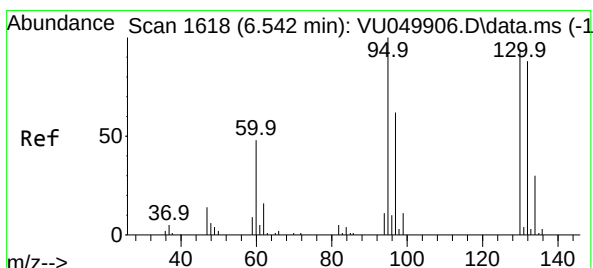
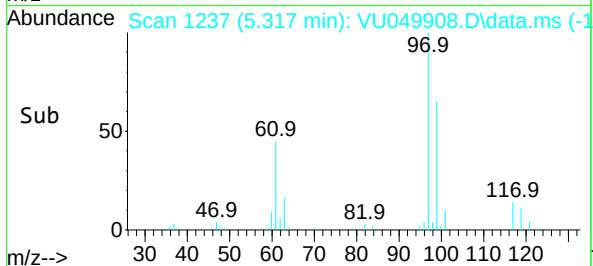
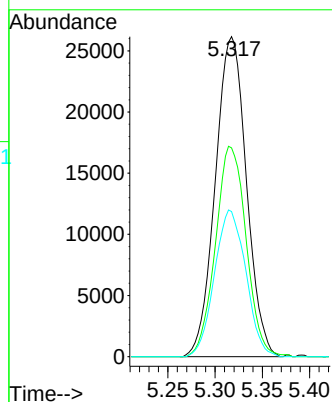
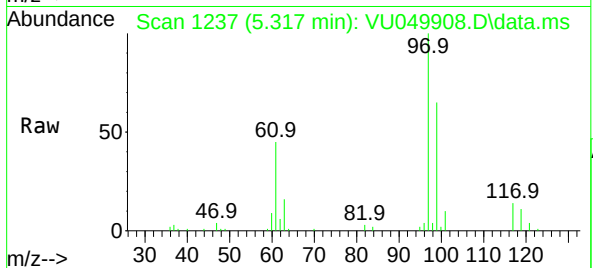
Tgt Ion: 97 Resp: 59906

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

61 46.1 38.3 57.5



#34

Trichloroethene

Concen: 1.565 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049908.D

Acq: 26 Jul 2022 12:21

Tgt Ion: 95 Resp: 12960

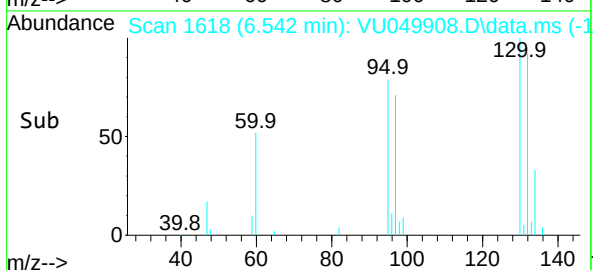
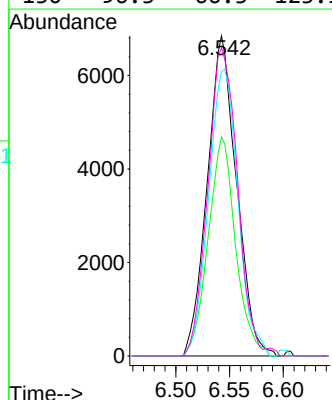
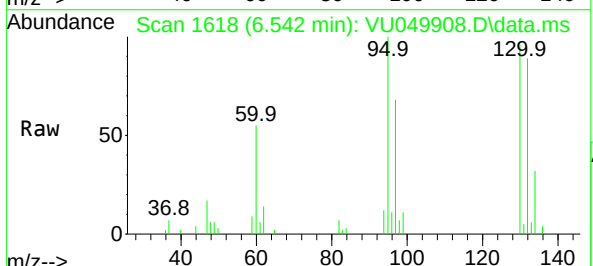
Ion Ratio Lower Upper

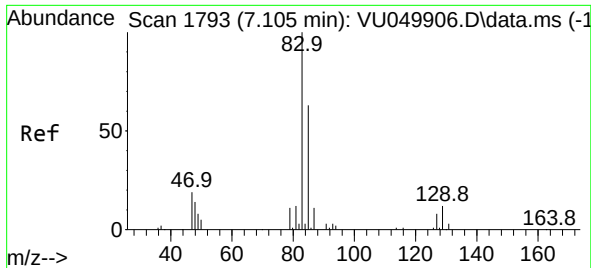
95 100

97 68.4 46.8 86.8

132 88.8 61.8 114.8

130 96.3 66.3 123.1

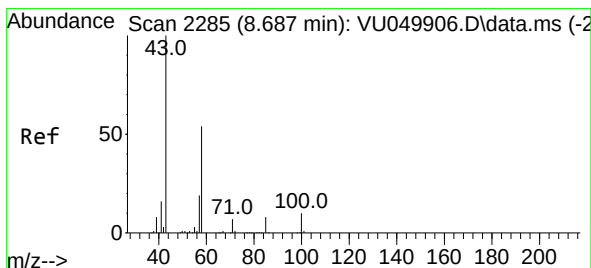
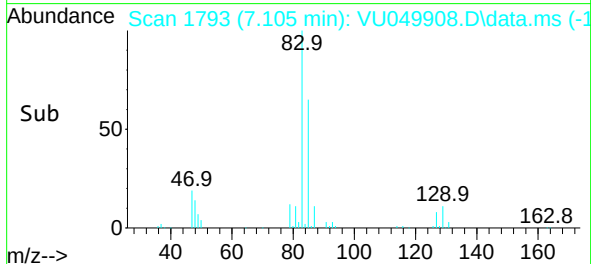
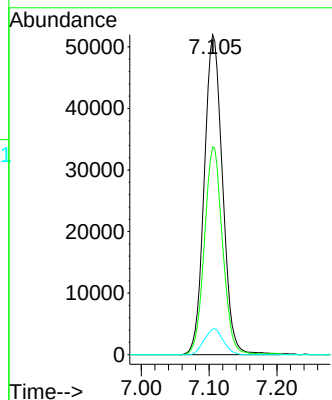
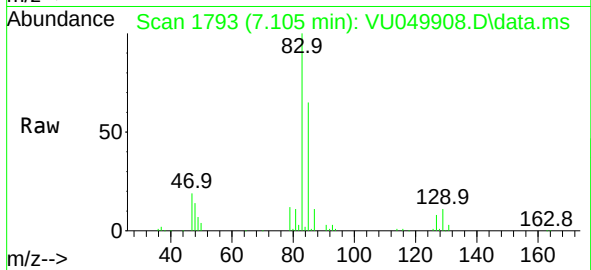




#38
Bromodichloromethane
Concen: 8.003 ug/L
RT: 7.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

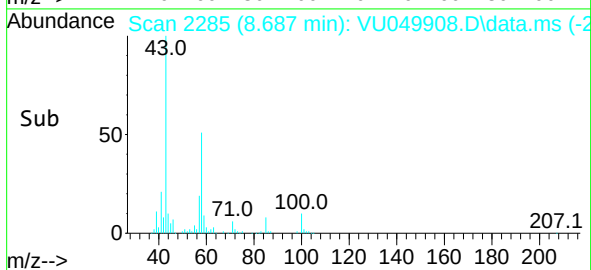
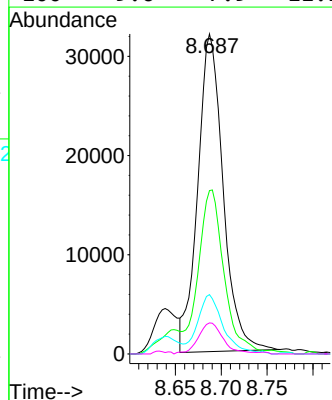
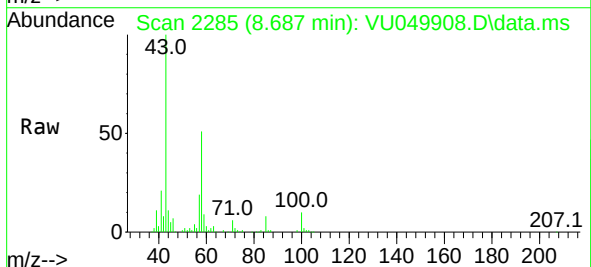
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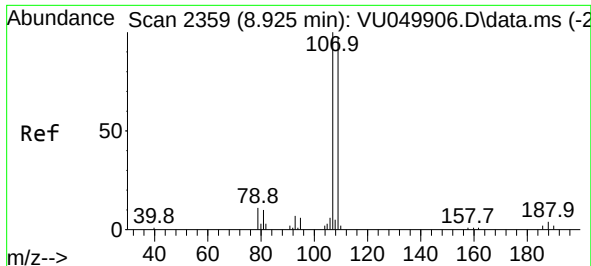
Tgt Ion: 83 Resp: 97331
Ion Ratio Lower Upper
83 100
85 64.9 45.9 85.3
127 8.0 7.0 10.6



#48
2-Hexanone
Concen: 12.144 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion: 43 Resp: 61541
Ion Ratio Lower Upper
43 100
58 50.0 42.1 63.1
57 19.0 14.3 21.5
100 9.6 7.9 11.9

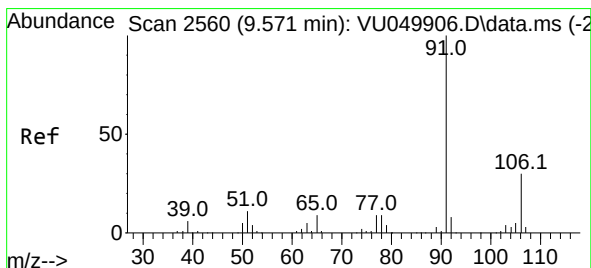
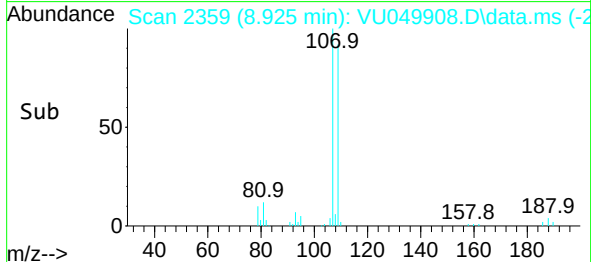
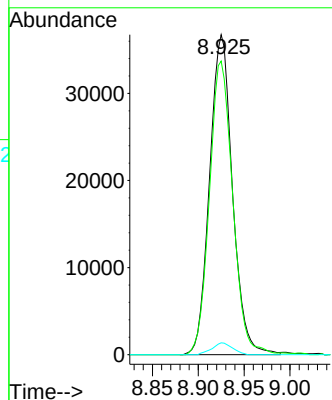
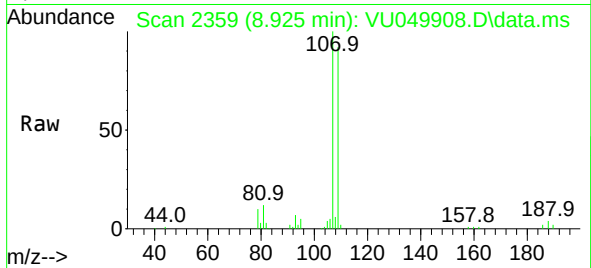




#50
1,2-Dibromoethane
Concen: 10.331 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

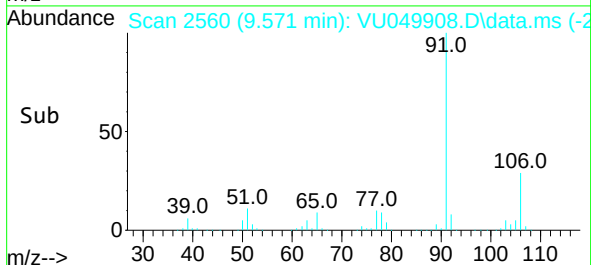
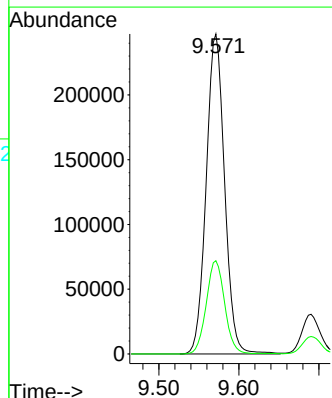
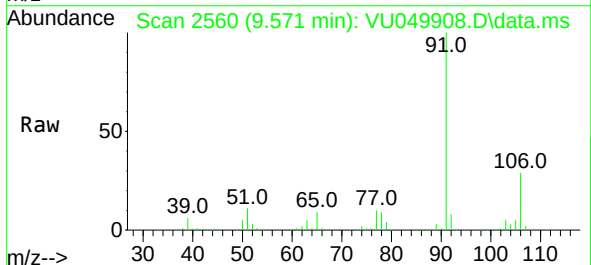
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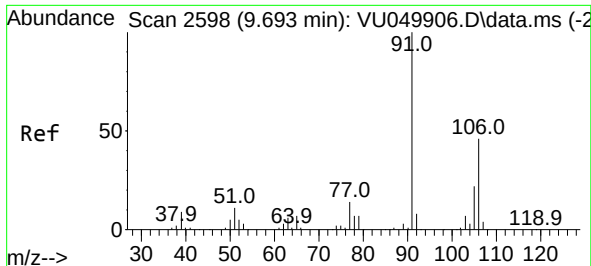
Tgt Ion:107 Resp: 63740
Ion Ratio Lower Upper
107 100
109 91.7 65.6 121.8
188 3.7 2.8 4.2



#52
Ethylbenzene
Concen: 11.266 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion: 91 Resp: 395697
Ion Ratio Lower Upper
91 100
106 29.2 20.6 38.4

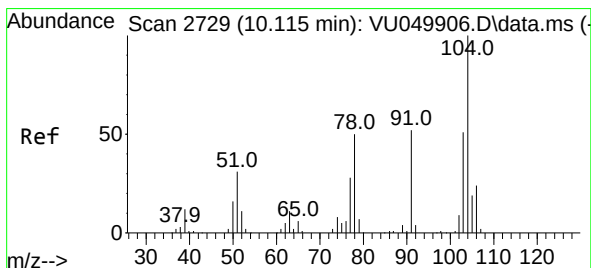
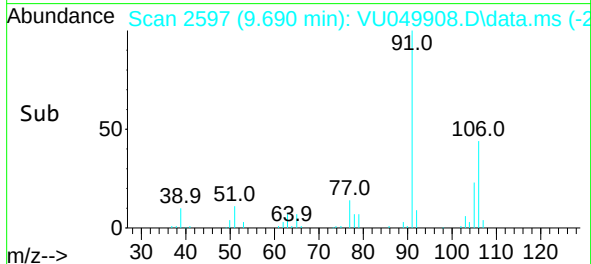
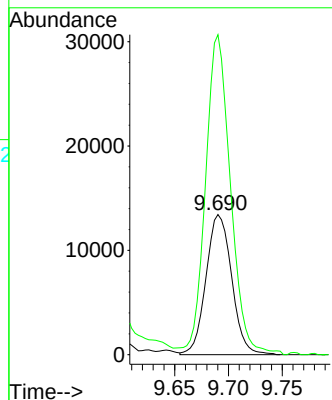
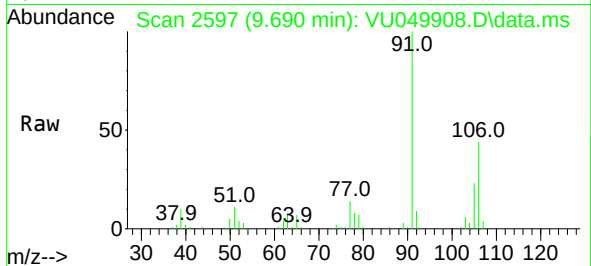




#53
m,p-Xylene
Concen: 1.730 ug/L
RT: 9.690 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

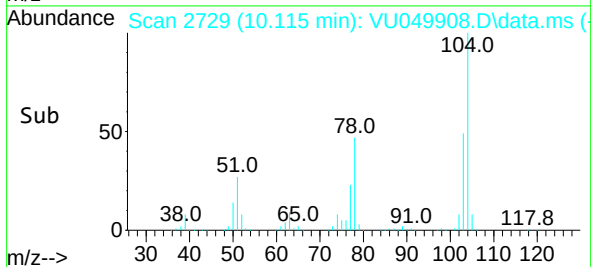
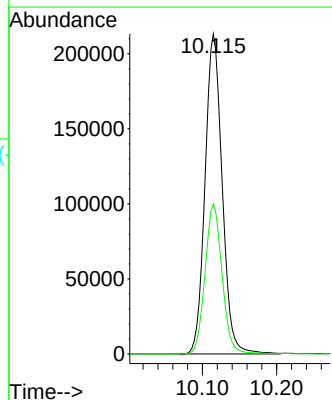
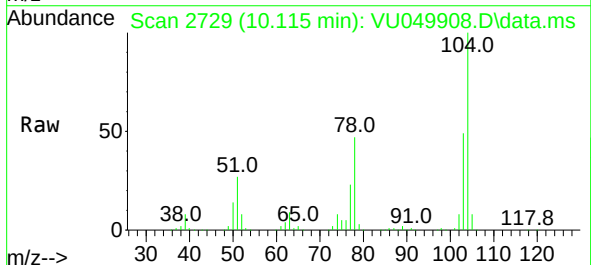
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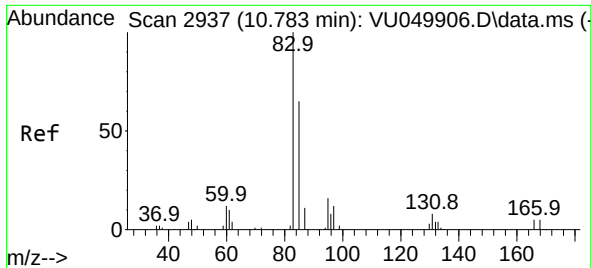
Tgt Ion:106 Resp: 22351
Ion Ratio Lower Upper
106 100
91 228.3 149.7 277.9



#55
Styrene
Concen: 15.792 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049908.D
Acq: 26 Jul 2022 12:21

Tgt Ion:104 Resp: 341539
Ion Ratio Lower Upper
104 100
78 46.9 35.1 65.3





#57
 1,1,2,2-Tetrachloroethane
 Concen: 12.958 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU049908.D
 Acq: 26 Jul 2022 12:21

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUN9

Tgt Ion: 83 Resp: 116287

Ion	Ratio	Lower	Upper
83	100		
85	64.2	47.9	89.1
131	9.0	7.3	10.9

