

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058490.D
 Acq On : 09 Apr 2024 00:04
 Operator : MD/SY
 Sample : P2013-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOMB6

Quant Time: Apr 09 05:52:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

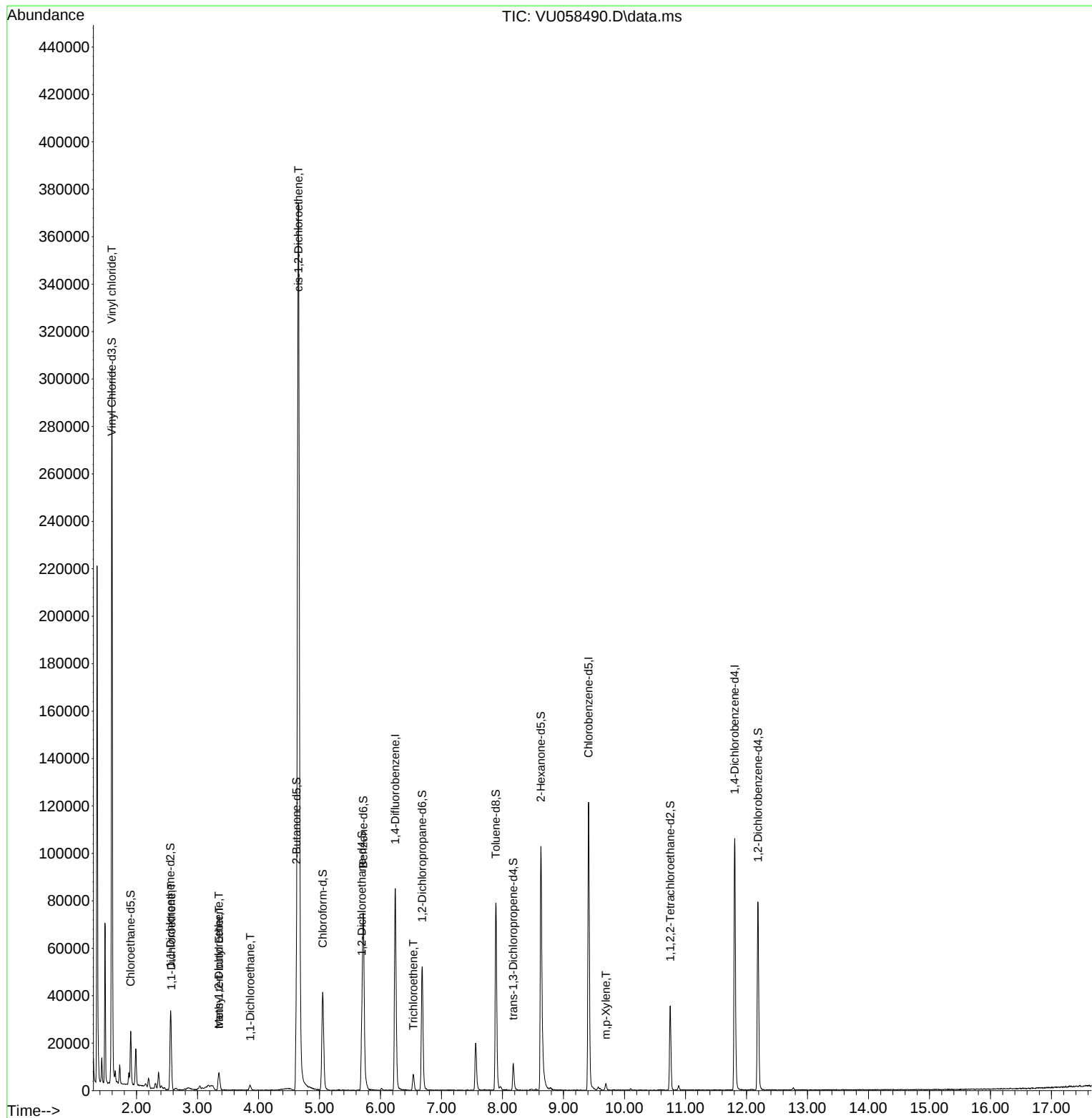
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67588	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64490	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28100	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15117	3.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.904	69	14449	3.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.557	65	6294	3.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	4.624	46	54334	57.618	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.240%
24) Chloroform-d	5.052	84	38892	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	19634	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.718	84	67492	3.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.682	67	24909	4.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.891	98	52677	3.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	8.174	79	7008	4.146	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.631	63	36001	51.642	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18570	4.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	20582	4.349	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.595	62	181138	26.307	ug/L	100
12) 1,1-Dichloroethene	2.570	96	1278	0.267	ug/L #	1
17) Methyl tert-butyl Ether	3.354	73	4486	0.396	ug/L #	86
18) trans-1,2-Dichloroethene	3.348	96	1172	0.233	ug/L	83
19) 1,1-Dichloroethane	3.865	63	2999	0.274	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	180937	32.095	ug/L	97
34) Trichloroethene	6.537	95	2562	0.435	ug/L	95
53) m,p-Xylene	9.695	106	924	0.099	ug/L	95

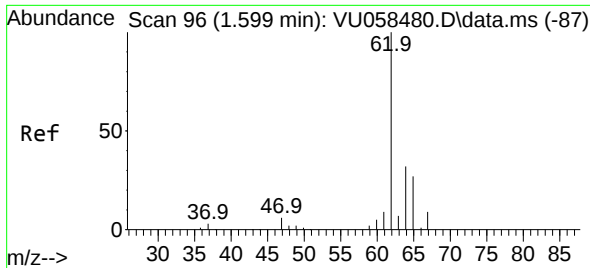
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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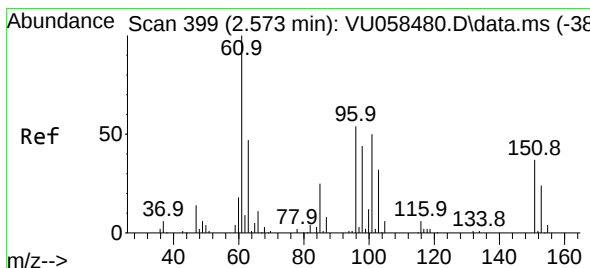
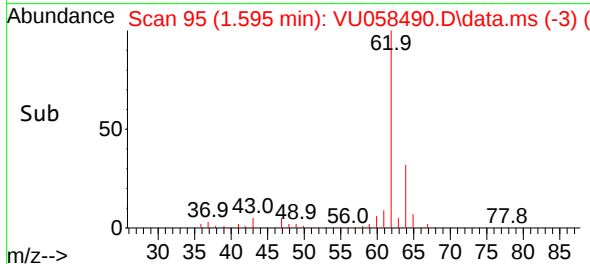
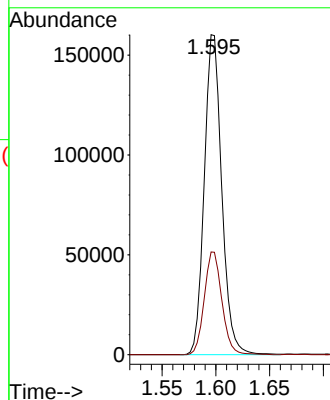
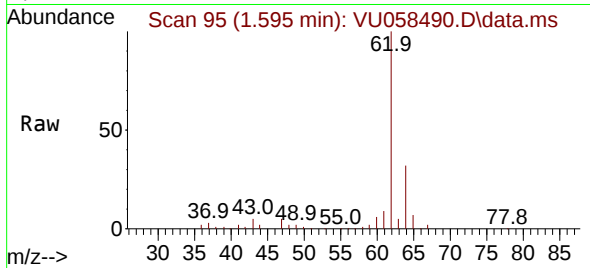




#5
 Vinyl chloride
 Concen: 26.307 ug/L
 RT: 1.595 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU058490.D
 Acq: 09 Apr 2024 00:04

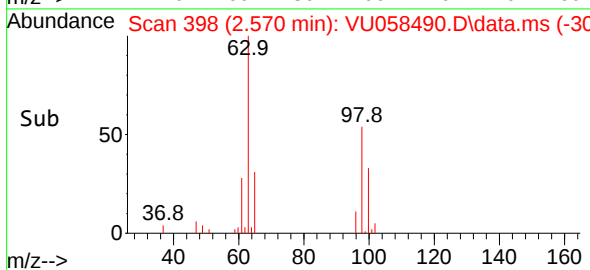
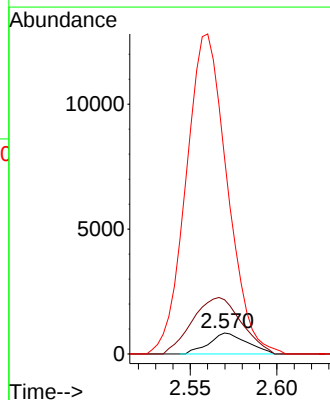
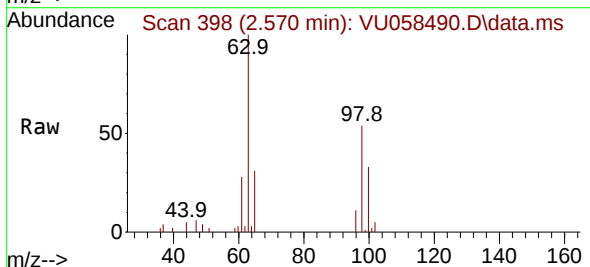
Instrument :
 MSVOA_U
 ClientSampleId :
 EOMB6

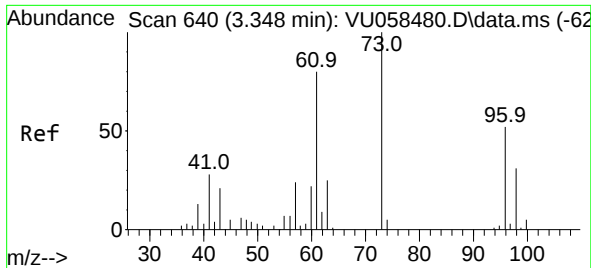
Tgt Ion: 62 Resp: 181138
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.6 42.0



#12
 1,1-Dichloroethene
 Concen: 0.267 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU058490.D
 Acq: 09 Apr 2024 00:04

Tgt Ion: 96 Resp: 1278
 Ion Ratio Lower Upper
 96 100
 61 258.5 132.5 246.1#
 63 934.8 87.7 162.9#

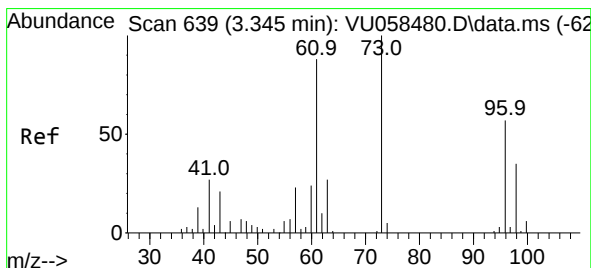
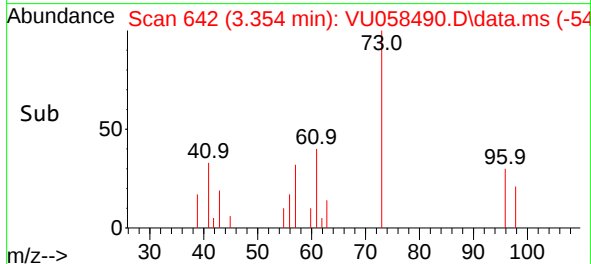
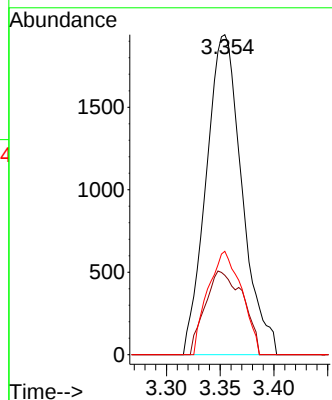
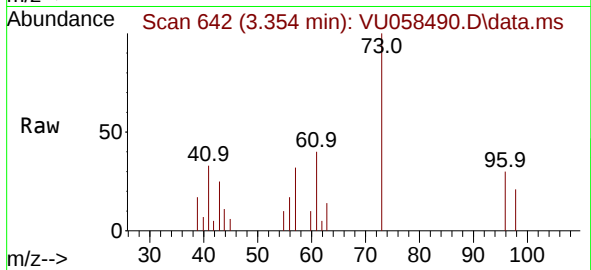




#17
Methyl tert-butyl Ether
Concen: 0.396 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

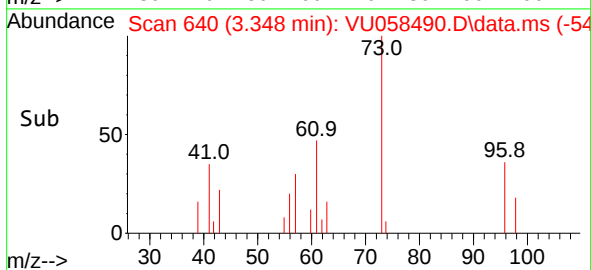
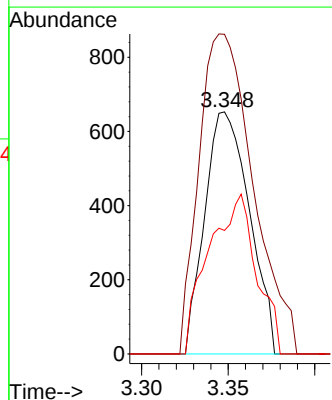
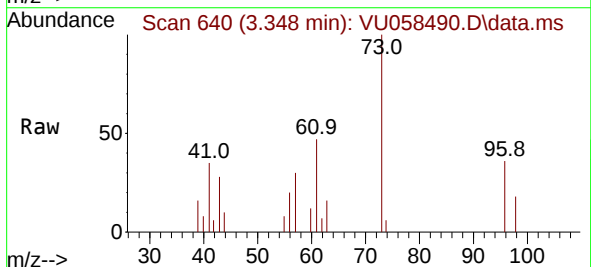
Instrument :
MSVOA_U
ClientSampleId :
EOMB6

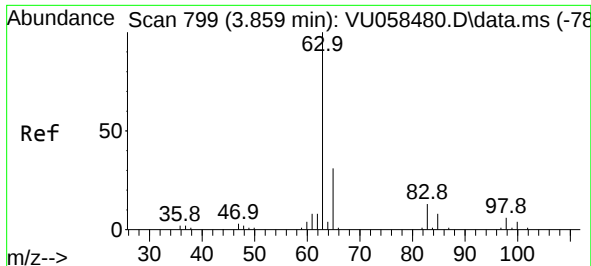
Tgt Ion: 73 Resp: 4486
Ion Ratio Lower Upper
73 100
43 27.7 17.4 26.2#
57 30.5 18.6 27.8#



#18
trans-1,2-Dichloroethene
Concen: 0.233 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Tgt Ion: 96 Resp: 1172
Ion Ratio Lower Upper
96 100
61 132.0 107.6 199.8
98 51.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.274 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU058490.D

Acq: 09 Apr 2024 00:04

Instrument :

MSVOA_U

ClientSampleId :

EOMB6

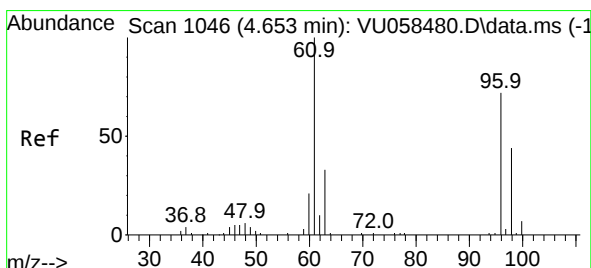
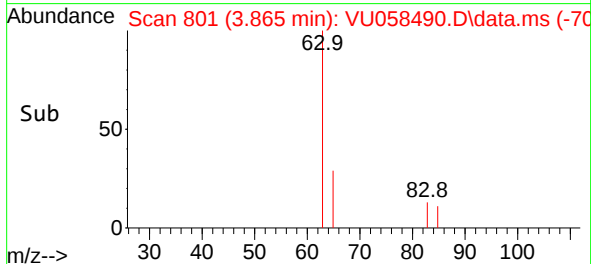
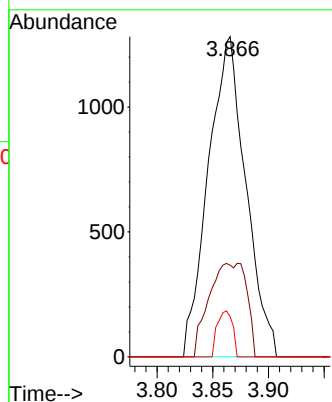
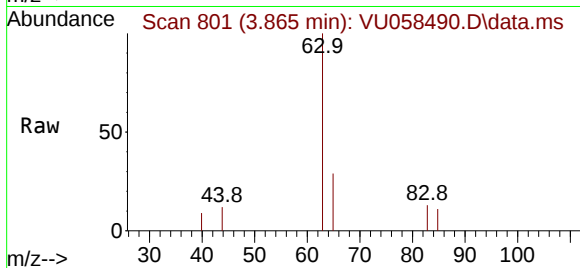
Tgt Ion: 63 Resp: 2999

Ion Ratio Lower Upper

63 100

65 28.6 22.9 42.5

83 12.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 32.095 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU058490.D

Acq: 09 Apr 2024 00:04

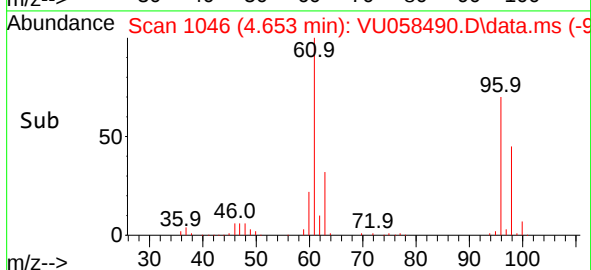
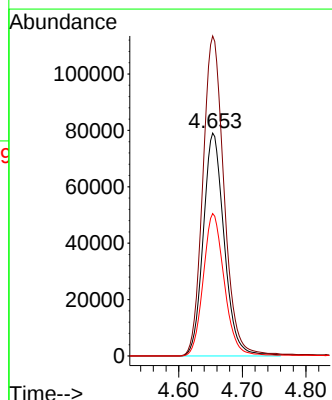
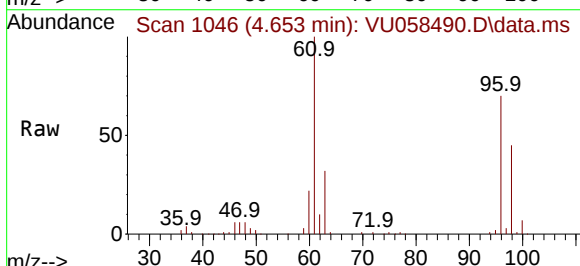
Tgt Ion: 96 Resp: 180937

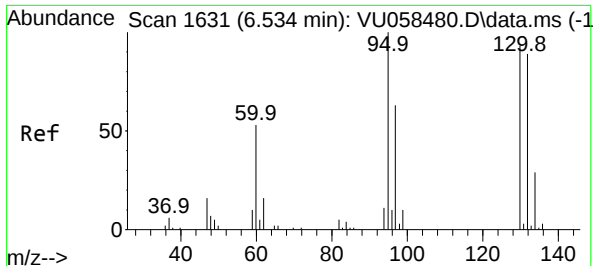
Ion Ratio Lower Upper

96 100

61 143.5 98.1 182.3

98 63.9 43.6 81.0

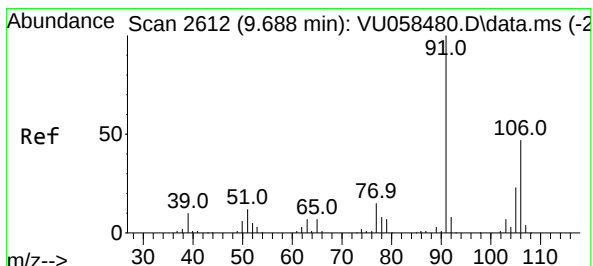
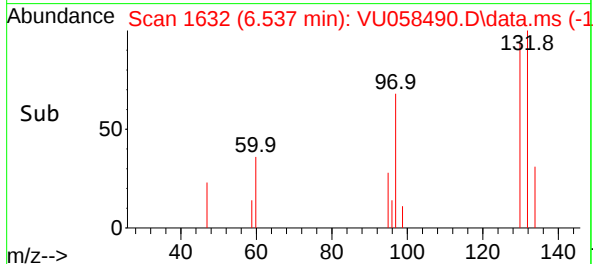
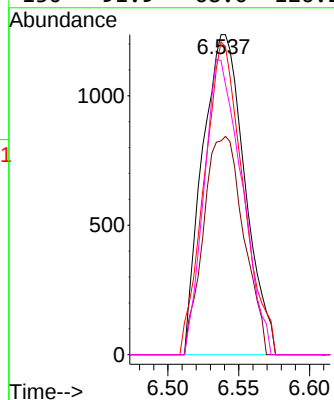
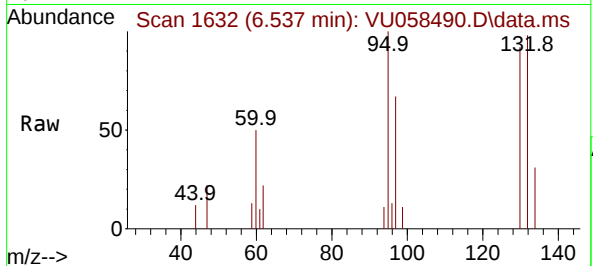




#34
Trichloroethene
Concen: 0.435 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Instrument :
MSVOA_U
ClientSampleId :
EOMB6

Tgt Ion: 95 Resp: 2562
Ion Ratio Lower Upper
95 100
97 66.8 45.6 84.6
132 97.7 64.8 120.3
130 91.9 68.0 126.2



#53
m,p-Xylene
Concen: 0.099 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.006 min
Lab File: VU058490.D
Acq: 09 Apr 2024 00:04

Tgt Ion: 106 Resp: 924
Ion Ratio Lower Upper
106 100
91 219.1 147.8 274.4

