

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055539.D
 Acq On : 27 Sep 2023 01:07
 Operator : MD/SY
 Sample : 04530-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY3

Quant Time: Sep 27 06:37:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

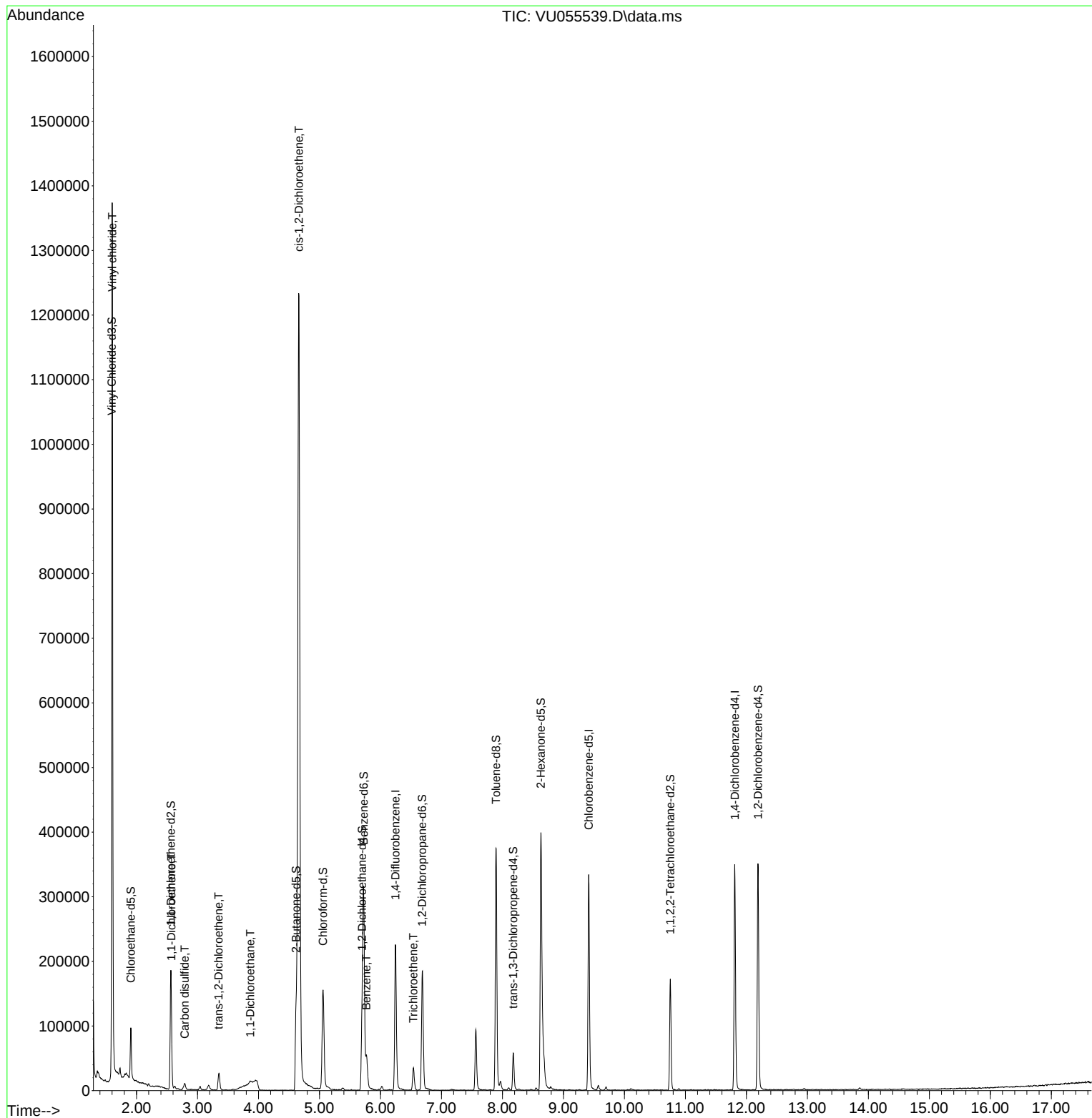
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	191659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	196597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	101429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	83499	4.311	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.907	69	59645	3.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.563	65	33348	4.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.618	46	203591	58.188	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.380%
24) Chloroform-d	5.058	84	153480	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.698	65	81663	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.724	84	313079	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	95595	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.898	98	268081	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.177	79	35210	4.883	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.631	63	125464	57.207	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.420%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87442	5.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	99211	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
5) Vinyl chloride	1.602	62	888739	50.184	ug/L	97
12) 1,1-Dichloroethene	2.573	96	2064	0.154	ug/L #	1
14) Carbon disulfide	2.792	76	10679	0.265	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	12094	0.895	ug/L	95
19) 1,1-Dichloroethane	3.866	63	3314	0.133	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	678881	43.353	ug/L	97
33) Benzene	5.769	78	51104	0.903	ug/L	100
34) Trichloroethene	6.541	95	12305	0.769	ug/L	96

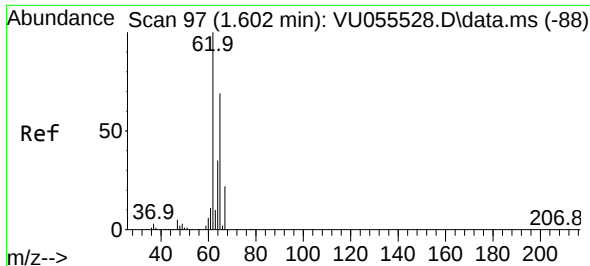
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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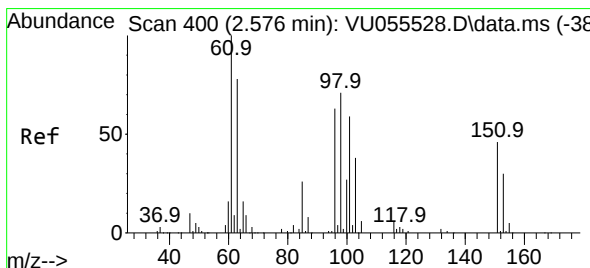
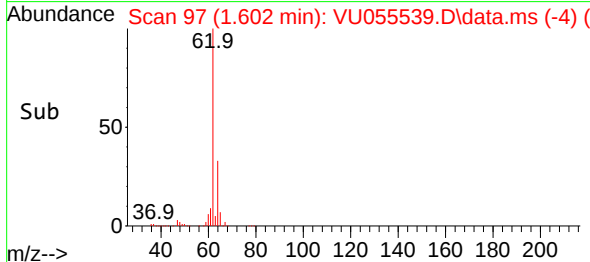
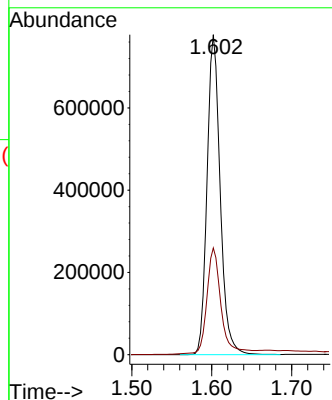
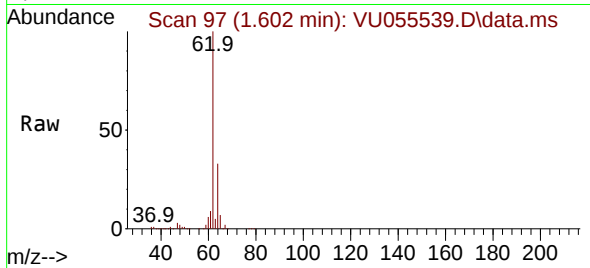




#5
 Vinyl chloride
 Concen: 50.184 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055539.D
 Acq: 27 Sep 2023 01:07

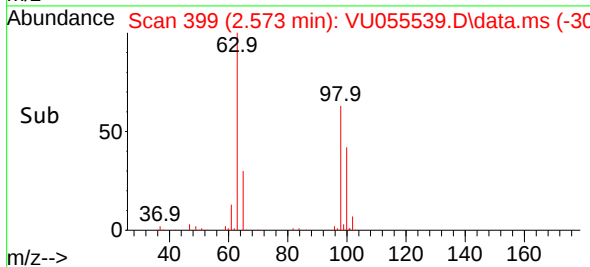
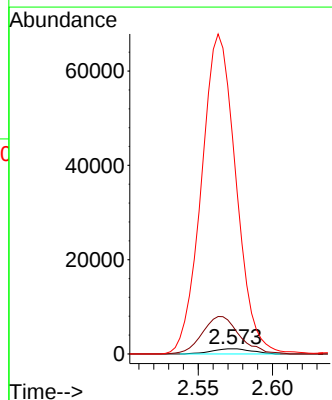
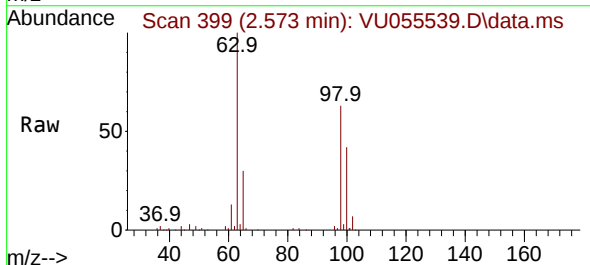
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY3

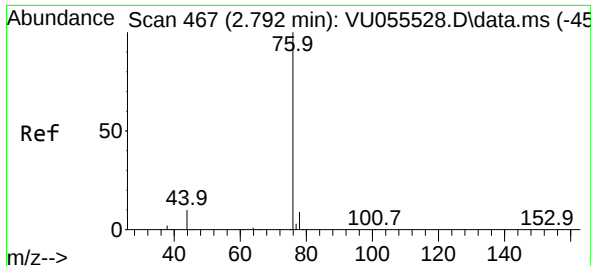
Tgt Ion: 62 Resp: 888739
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.154 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU055539.D
 Acq: 27 Sep 2023 01:07

Tgt Ion: 96 Resp: 2064
 Ion Ratio Lower Upper
 96 100
 61 543.0 114.5 212.7#
 63 4177.3 98.3 182.5#

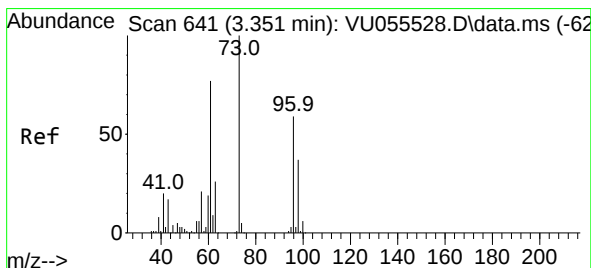
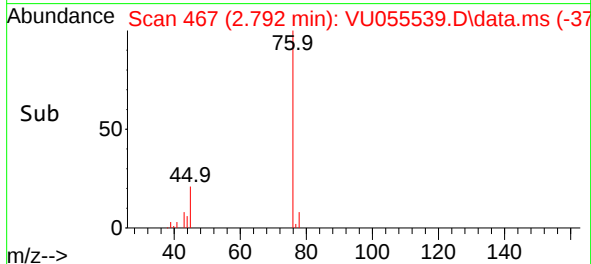
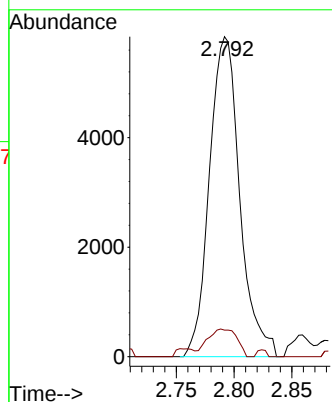
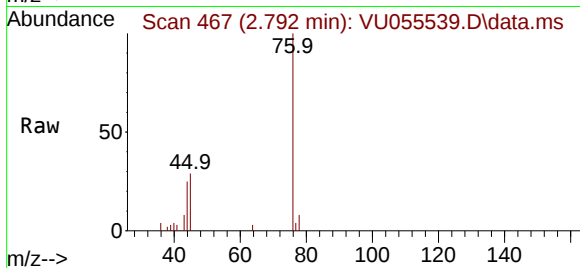




#14
Carbon disulfide
Concen: 0.265 ug/L
RT: 2.792 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU055539.D
Acq: 27 Sep 2023 01:07

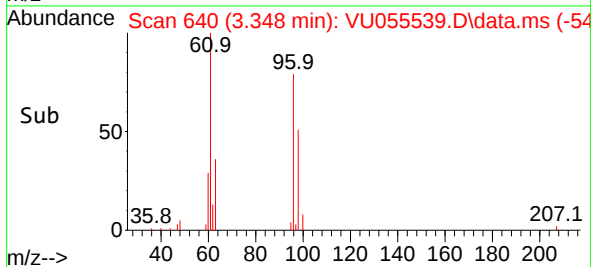
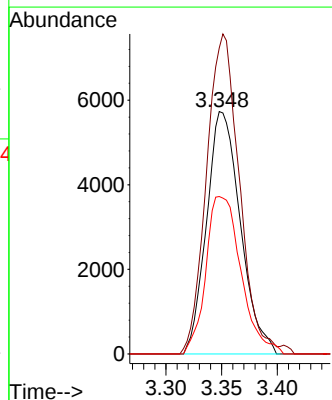
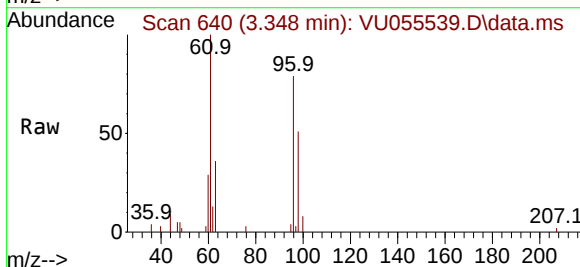
Instrument :
MSVOA_U
ClientSampleId :
EYHY3

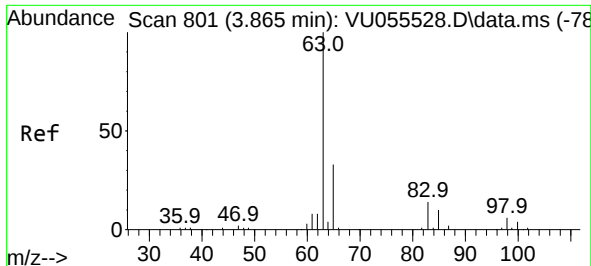
Tgt Ion: 76 Resp: 10679
Ion Ratio Lower Upper
76 100
78 8.3 7.7 11.5



#18
trans-1,2-Dichloroethene
Concen: 0.895 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055539.D
Acq: 27 Sep 2023 01:07

Tgt Ion: 96 Resp: 12094
Ion Ratio Lower Upper
96 100
61 126.2 94.6 175.6
98 65.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.133 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055539.D

Acq: 27 Sep 2023 01:07

Instrument :

MSVOA_U

ClientSampleId :

EYHY3

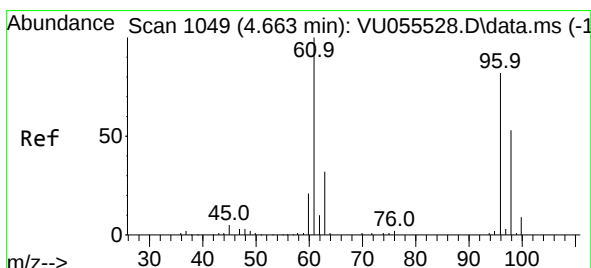
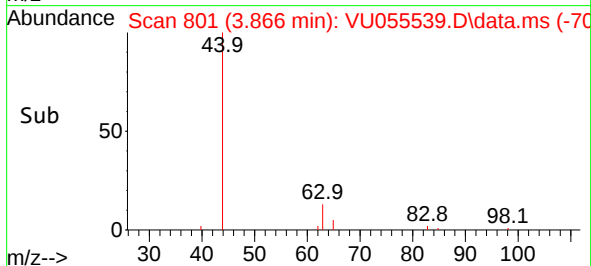
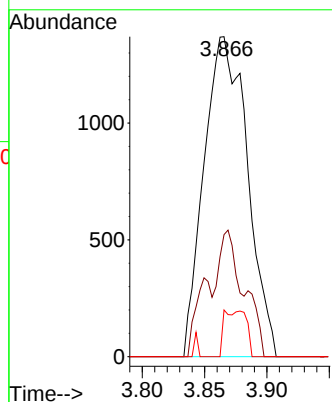
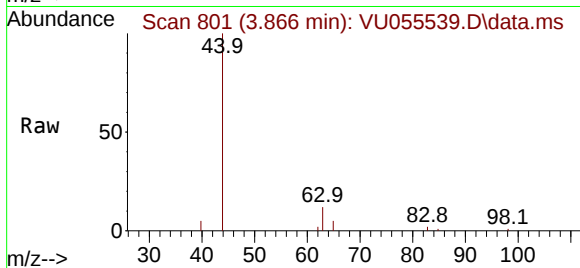
Tgt Ion: 63 Resp: 3314

Ion Ratio Lower Upper

63 100

65 38.2 22.0 41.0

83 14.6 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 43.353 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055539.D

Acq: 27 Sep 2023 01:07

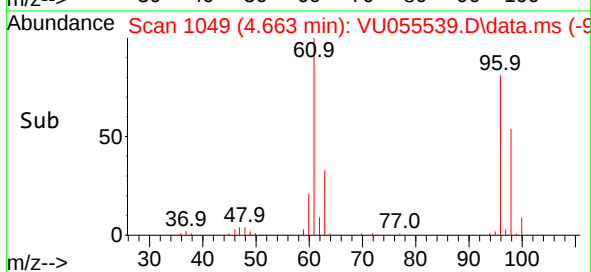
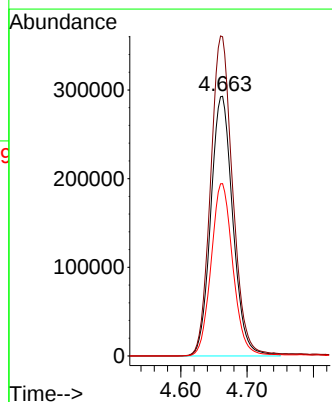
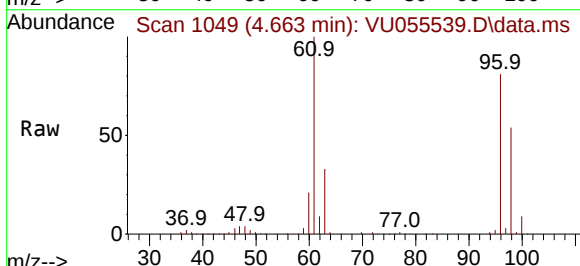
Tgt Ion: 96 Resp: 678881

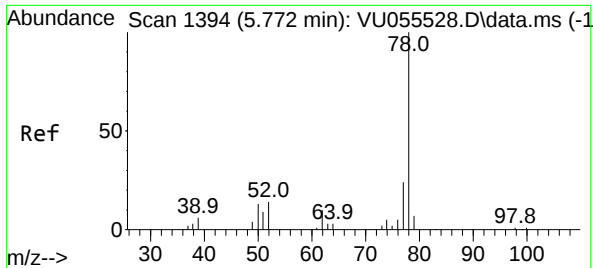
Ion Ratio Lower Upper

96 100

61 122.9 87.8 163.2

98 66.3 44.4 82.4

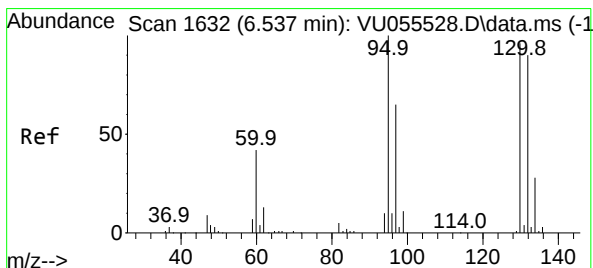
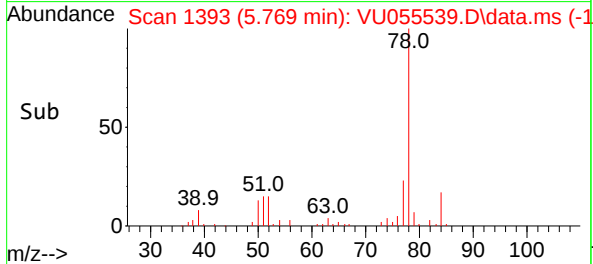
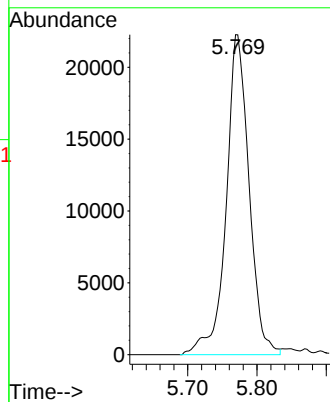
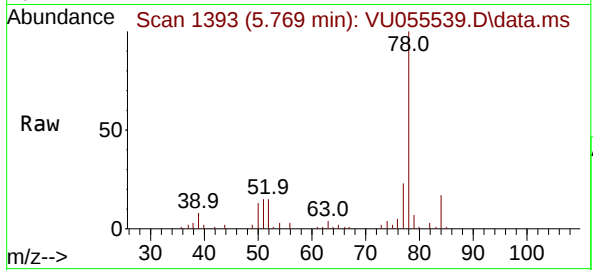




#33
Benzene
Concen: 0.903 ug/L
RT: 5.769 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU055539.D
Acq: 27 Sep 2023 01:07

Instrument :
MSVOA_U
ClientSampleId :
EYHY3

Tgt Ion: 78 Resp: 51104



#34
Trichloroethene
Concen: 0.769 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU055539.D
Acq: 27 Sep 2023 01:07

Tgt Ion: 95 Resp: 12305

Ion	Ratio	Lower	Upper
95	100		
97	59.0	45.4	84.2
132	95.0	65.2	121.2
130	94.5	69.1	128.3

