

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055535.D
 Acq On : 26 Sep 2023 23:30
 Operator : MD/SY
 Sample : 04530-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ06

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/28/2023

Quant Time: Sep 27 06:36:25 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	258279	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	265919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	136854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	294611	11.286	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	225.800%#	
7) Chloroethane-d5	1.911	69	66055	2.871	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	57.400%#	
11) 1,1-Dichloroethene-d2	2.563	65	44902	4.179	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.600%	
20) 2-Butanone-d5	4.624	46	213966	45.380	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.760%	
24) Chloroform-d	5.058	84	198344	4.201	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.698	65	96411	4.245	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
32) Benzene-d6	5.724	84	413879	4.450	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.685	67	124768	4.490	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.800%	
41) Toluene-d8	7.894	98	367584	4.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	8.177	79	44002	4.512	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.631	63	134593	45.371	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.740%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97654	4.689	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	131720	4.769	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
5) Vinyl chloride	1.592	62	16476864m	690.414	ug/L	
12) 1,1-Dichloroethene	2.576	96	8127	0.450	ug/L #	1
14) Carbon disulfide	2.792	76	22237	0.410	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	78105	4.291	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	12905649	611.576	ug/L	98
33) Benzene	5.775	78	36615	0.478	ug/L	100

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

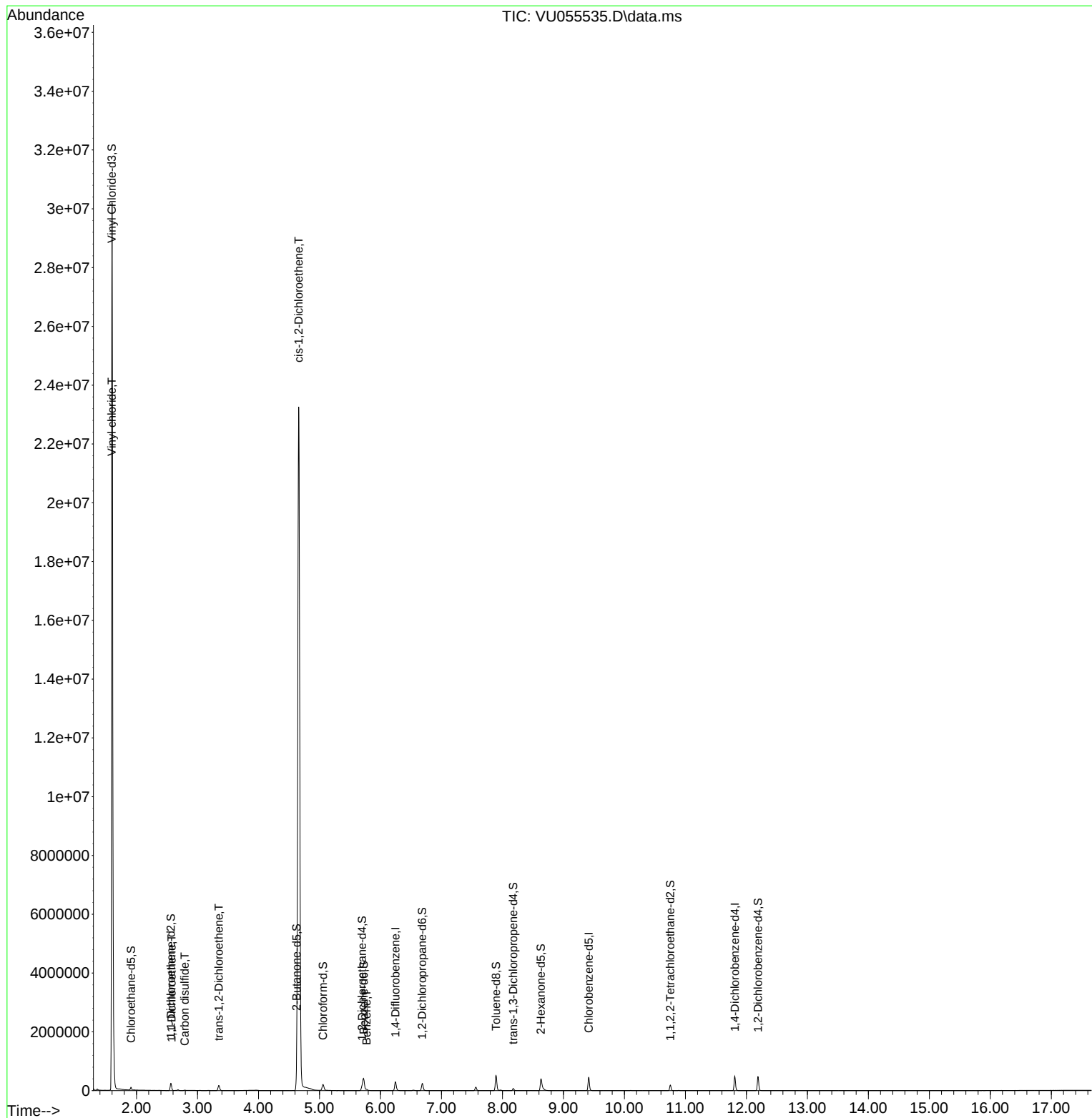
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
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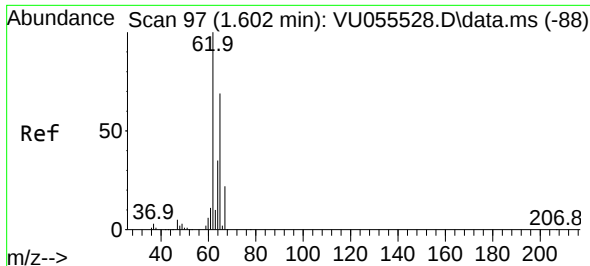
Instrument :
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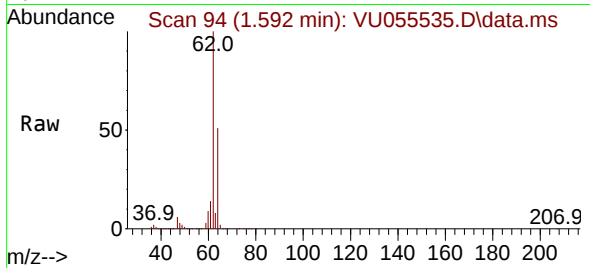
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 06:19:47 2023
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 690.414 ug/L m
 RT: 1.592 min Scan# 94
 Delta R.T. -0.010 min
 Lab File: VU055535.D
 Acq: 26 Sep 2023 23:30

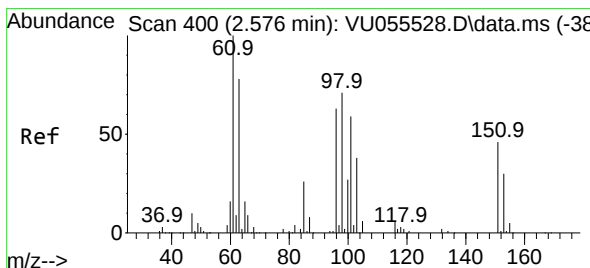
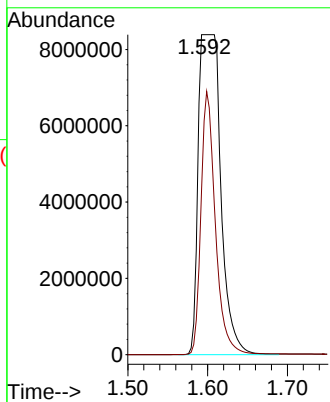
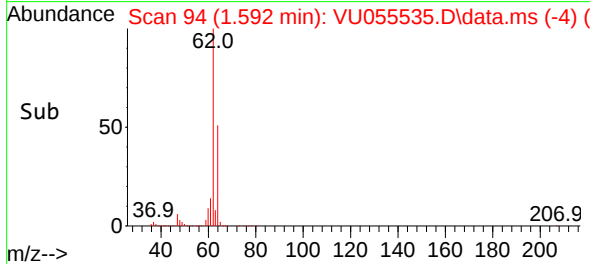
Instrument :
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 ClientSampleId :
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Tgt Ion: 62 Resp:1647686
 Ion Ratio Lower Upper
 62 100
 64 51.4 22.3 41.5

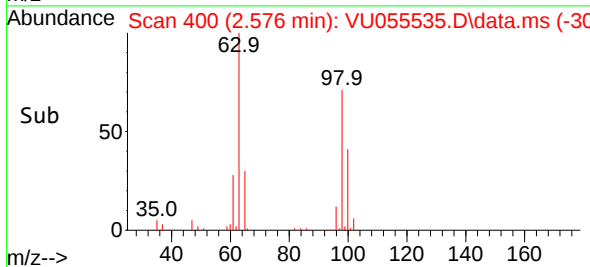
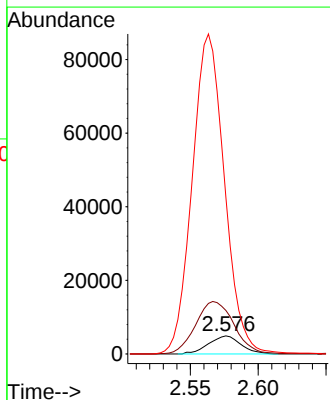
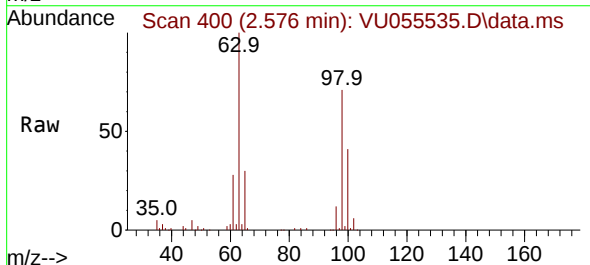
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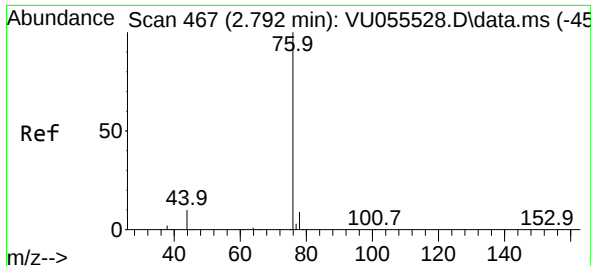
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#12
 1,1-Dichloroethene
 Concen: 0.450 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055535.D
 Acq: 26 Sep 2023 23:30

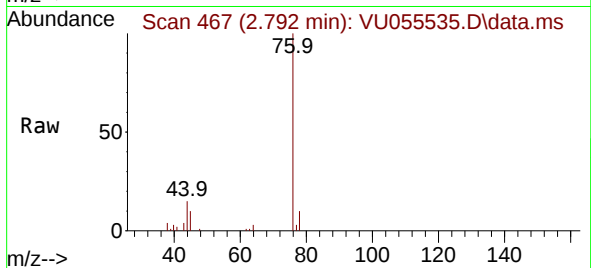
Tgt Ion: 96 Resp: 8127
 Ion Ratio Lower Upper
 96 100
 61 240.3 114.5 212.7#
 63 865.7 98.3 182.5#





#14
Carbon disulfide
Concen: 0.410 ug/L
RT: 2.792 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU055535.D
Acq: 26 Sep 2023 23:30

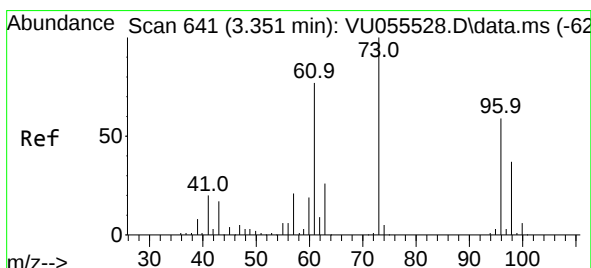
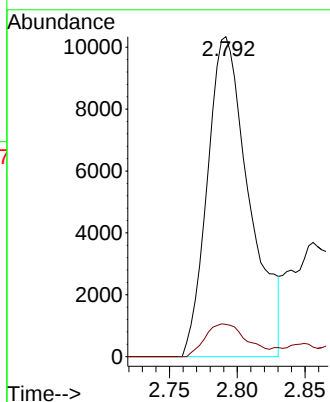
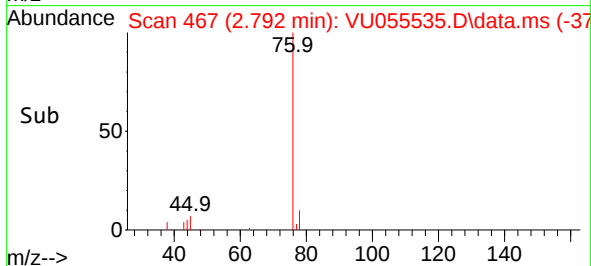
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Tgt Ion: 76 Resp: 2223
Ion Ratio Lower Upper
76 100
78 10.1 7.7 11.5

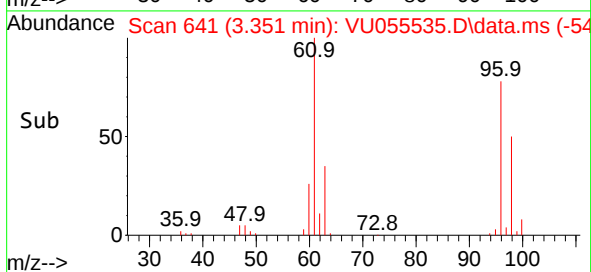
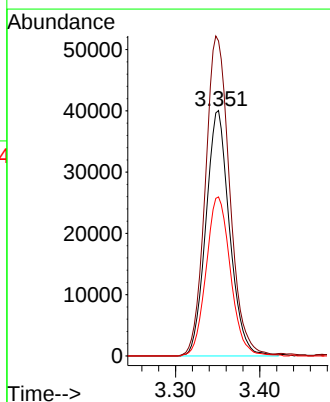
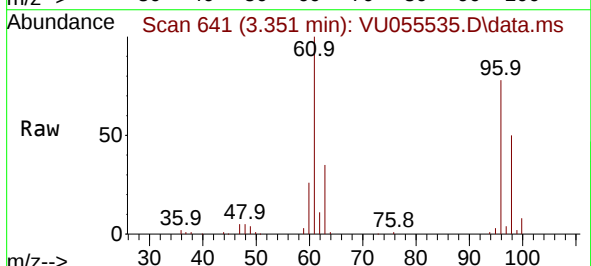
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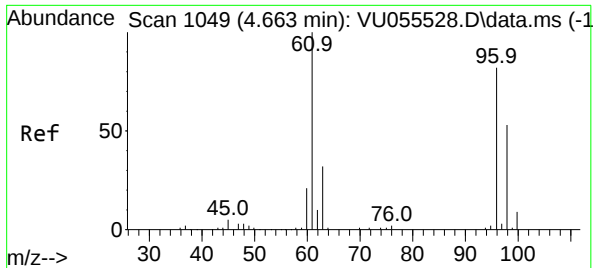
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/28/2023



#18
trans-1,2-Dichloroethene
Concen: 4.291 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055535.D
Acq: 26 Sep 2023 23:30

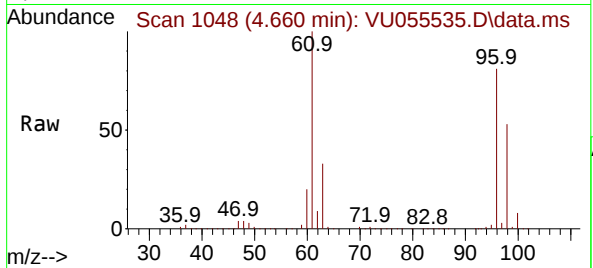
Tgt Ion: 96 Resp: 78105
Ion Ratio Lower Upper
96 100
61 128.3 94.6 175.6
98 64.8 45.7 84.9





#22
 cis-1,2-Dichloroethene
 Concen: 611.576 ug/L
 RT: 4.660 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055535.D
 Acq: 26 Sep 2023 23:30

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ06

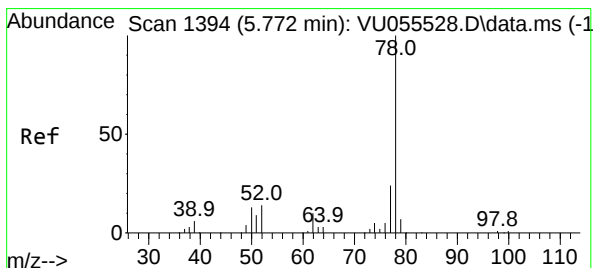
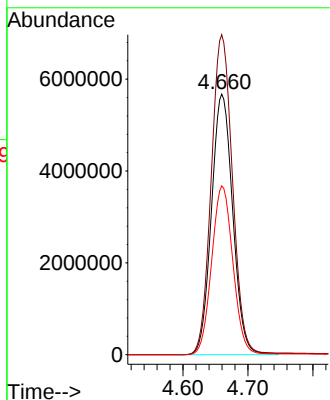
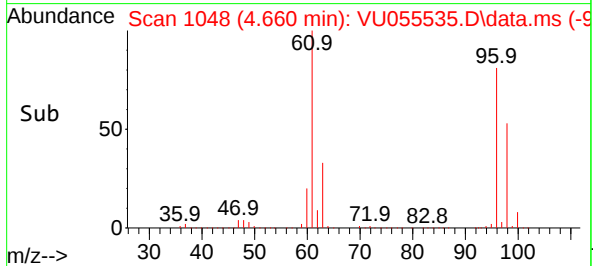


Tgt Ion: 96 Resp:12905649

Ion	Ratio	Lower	Upper
96	100		
61	122.7	87.8	163.2
98	64.7	44.4	82.4

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#33
 Benzene
 Concen: 0.478 ug/L
 RT: 5.775 min Scan# 1395
 Delta R.T. 0.003 min
 Lab File: VU055535.D
 Acq: 26 Sep 2023 23:30

Tgt Ion: 78 Resp: 36615

