

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050293.D
 Acq On : 12 Aug 2022 20:28
 Operator : SY/MD
 Sample : N4072-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/14/2022
 Supervised By : Mahesh Dadoda 08/14/2022

Quant Time: Aug 13 01:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	35879	4.954	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.909	69	29653	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.562	65	12862	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.645	46	108291	61.315	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.640%
24) Chloroform-d	5.063	84	65349	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.703	65	35220	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.729	84	119679	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.693	67	43085	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.899	98	90915	3.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.182	79	12997	3.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.639	63	65131	56.436	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38266	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	32825	4.736	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
3) Chloromethane	1.517	50	1470	0.141	ug/L	89
5) Vinyl chloride	1.600	62	4333	0.463	ug/L #	38
13) Acetone	2.671	43	4675m	4.753	ug/L	
14) Carbon disulfide	2.787	76	5558	0.259	ug/L	95
17) Methyl tert-butyl Ether	3.366	73	105087	6.693	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	6154	0.914	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	13435	1.797	ug/L	98

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

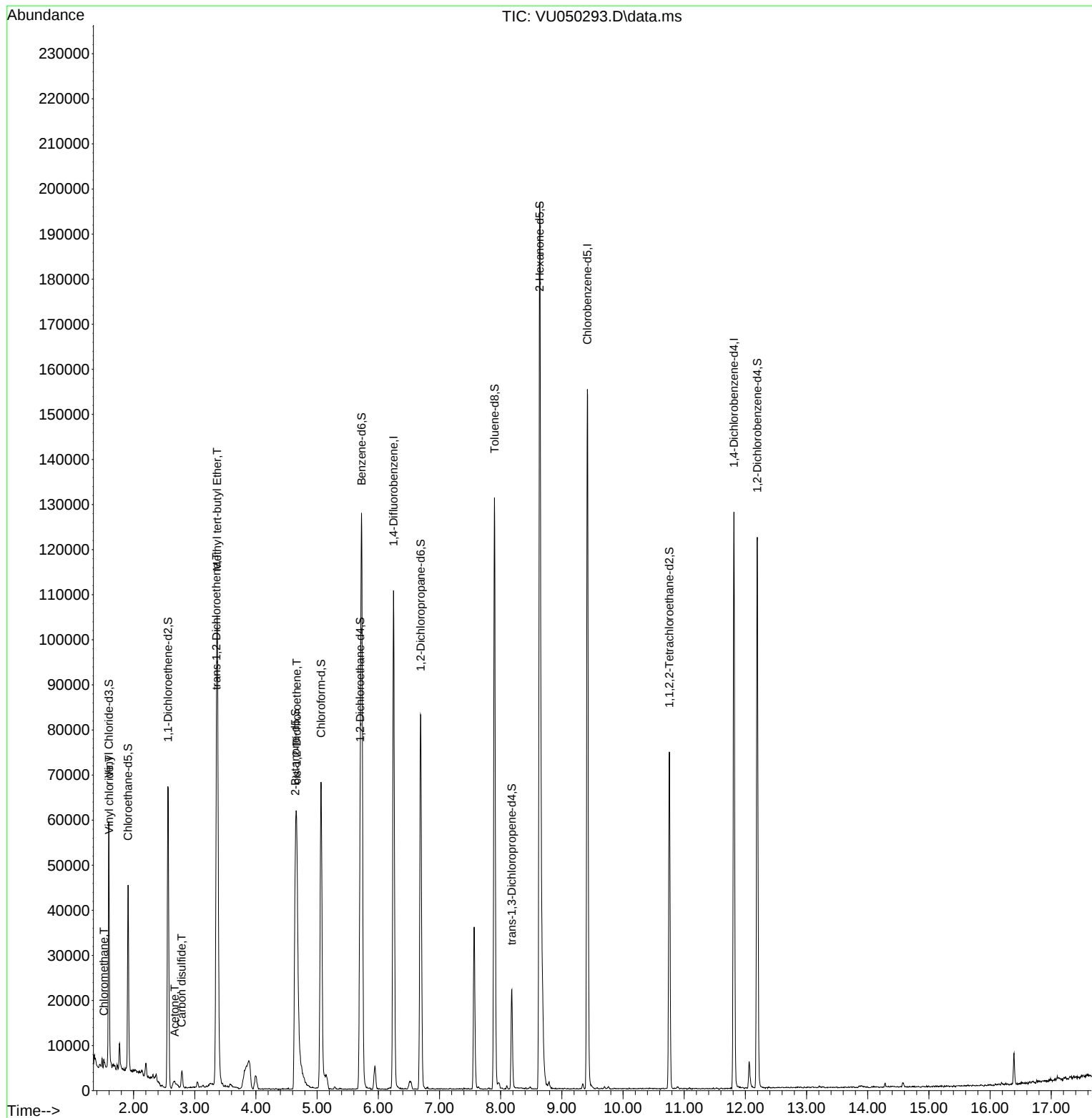
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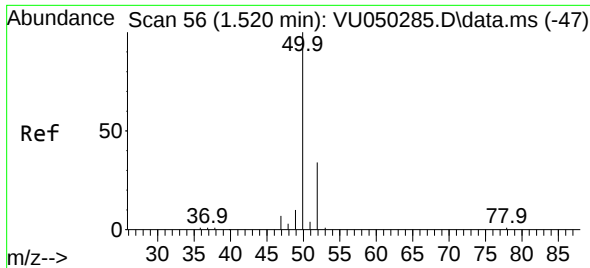
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Quant Time: Aug 13 01:23:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
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Response via : Initial Calibration

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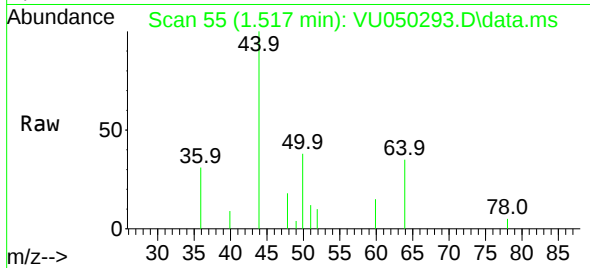
Reviewed By :Semsettin Yesilyurt 08/14/2022
Supervised By :Mahesh Dadoda 08/14/2022





#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

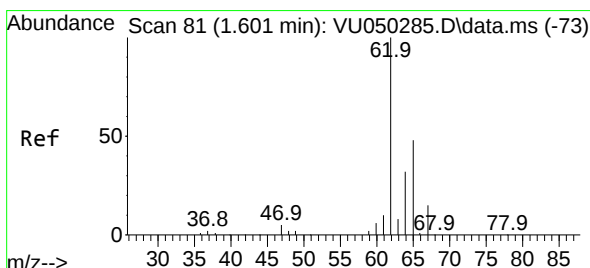
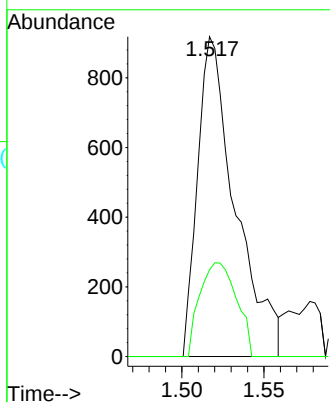
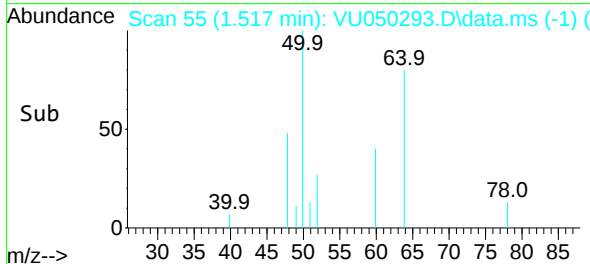
Instrument :
MSVOA_U
ClientSampleId :
DBUX2



Tgt Ion: 50 Resp: 1470
Ion Ratio Lower Upper
50 100
52 27.1 23.2 43.2

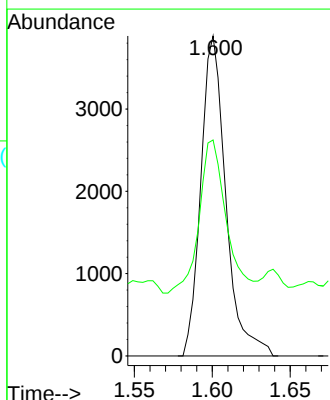
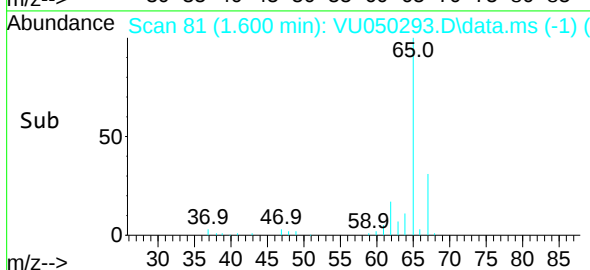
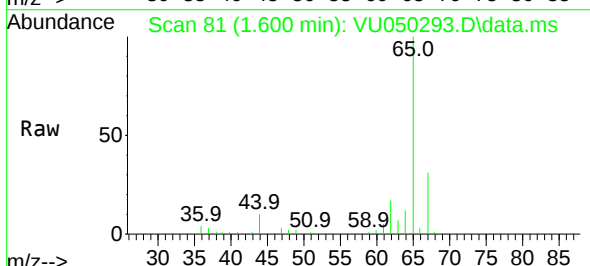
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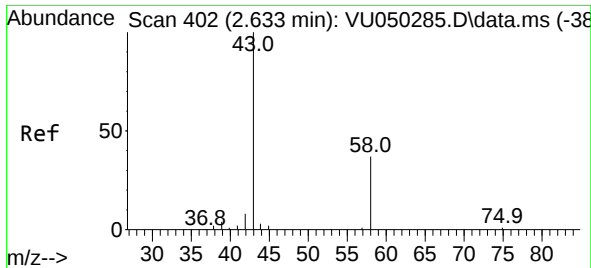
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#5
Vinyl chloride
Concen: 0.463 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

Tgt Ion: 62 Resp: 4333
Ion Ratio Lower Upper
62 100
64 67.5 22.8 42.4#





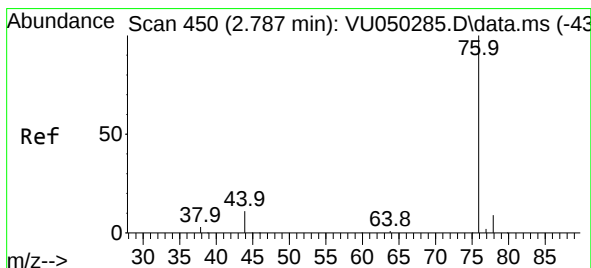
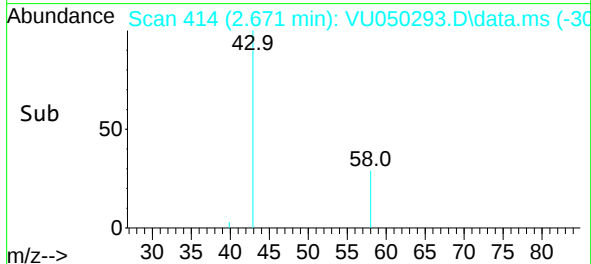
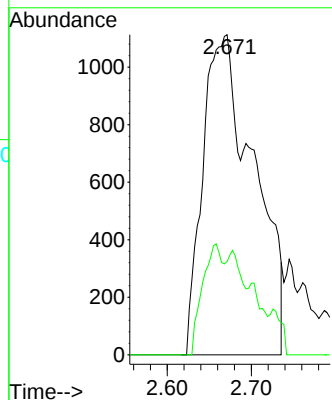
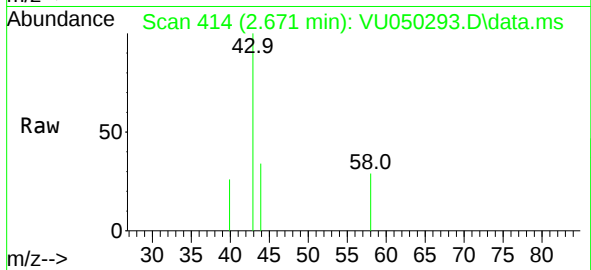
#13
Acetone
Concen: 4.753 ug/L m
RT: 2.671 min Scan# 41
Delta R.T. 0.038 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
58 3.2 0.0 64.0

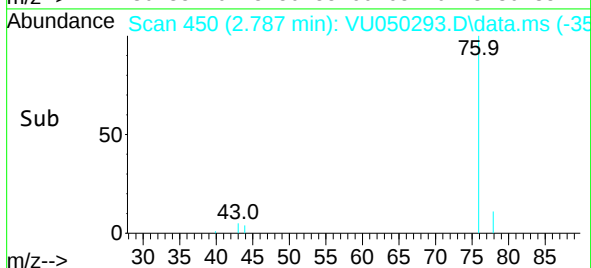
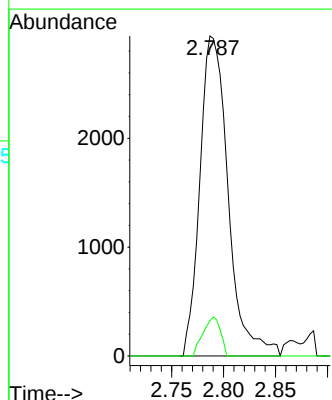
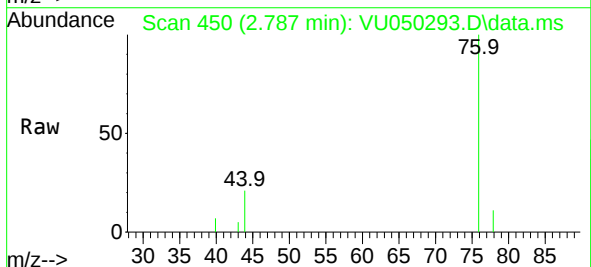
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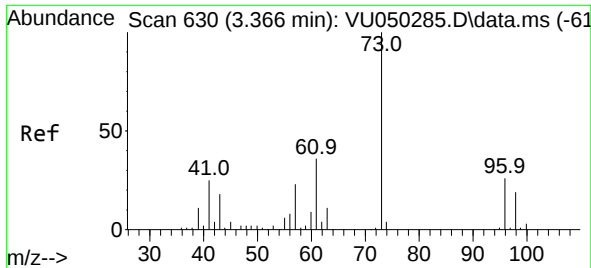
Reviewed By :Semsettin Yesilyurt 08/14/2022
Supervised By :Mahesh Dadoda 08/14/2022



#14
Carbon disulfide
Concen: 0.259 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.000 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

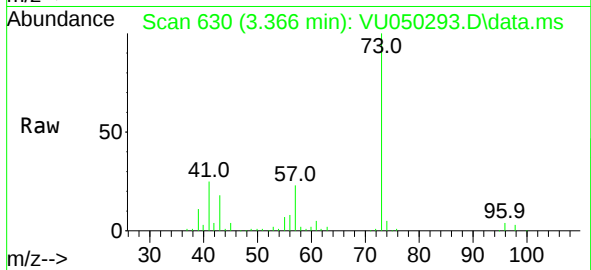
Tgt Ion: 76 Resp: 5558
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0





#17
Methyl tert-butyl Ether
Concen: 6.693 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28

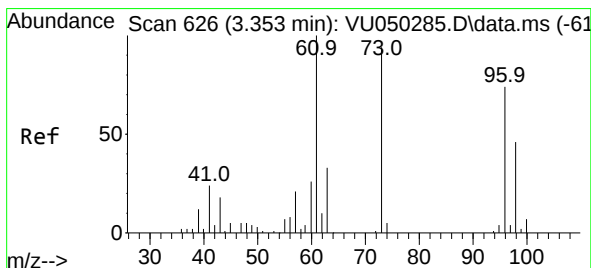
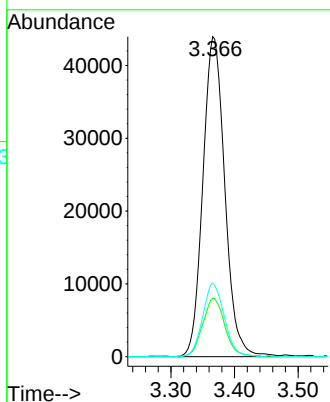
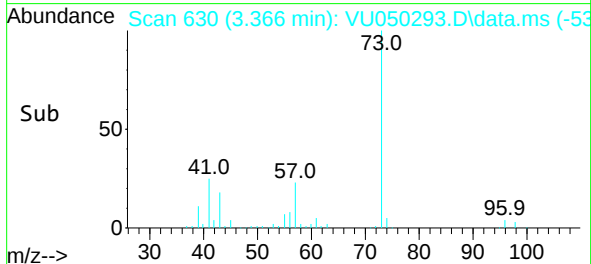
Instrument :
MSVOA_U
ClientSampleId :
DBUX2



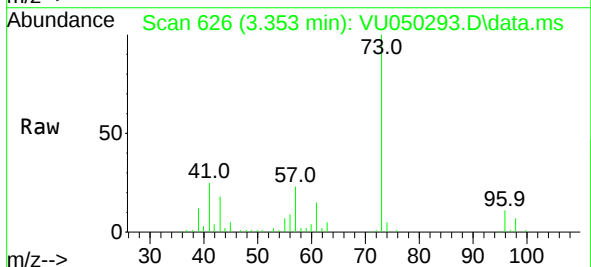
Tgt Ion: 73 Resp: 10508
Ion Ratio Lower Upper
73 100
43 18.6 13.5 20.3
57 22.6 17.4 26.2

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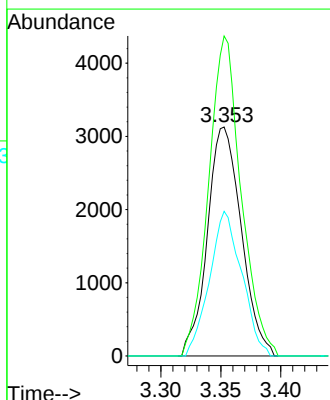
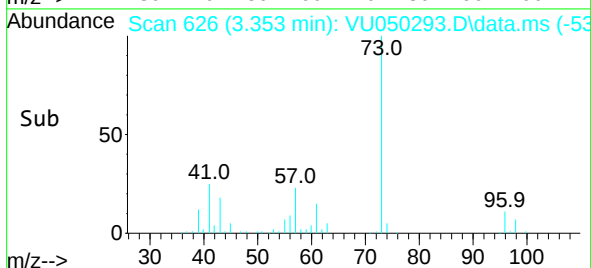
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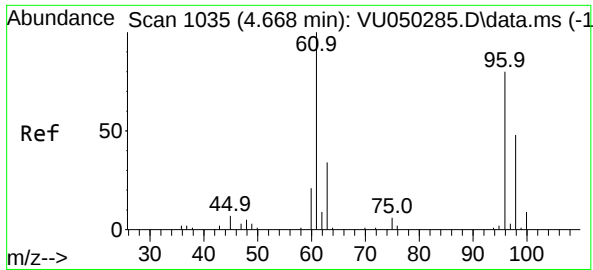


#18
trans-1,2-Dichloroethene
Concen: 0.914 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU050293.D
Acq: 12 Aug 2022 20:28



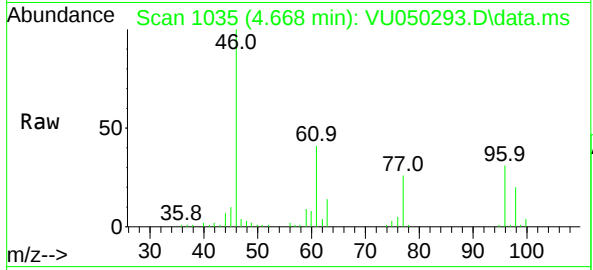
Tgt Ion: 96 Resp: 6154
Ion Ratio Lower Upper
96 100
61 139.7 92.3 171.5
98 63.2 43.2 80.2





#22
 cis-1,2-Dichloroethene
 Concen: 1.797 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050293.D
 Acq: 12 Aug 2022 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX2



Tgt Ion: 96 Resp: 1343

Ion	Ratio	Lower	Upper
96	100		
61	129.4	89.0	165.4
98	63.9	45.2	84.0

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