

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054932.D
 Acq On : 28 Aug 2023 18:37
 Operator : MD/SY
 Sample : 04173-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/31/2023
 Supervised By :Mahesh Dadoda 08/31/2023

Quant Time: Aug 29 05:01:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	176404	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	169975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	88203	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26861	4.825	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.911	69	34914	4.854	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.560	65	15889	5.049	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.000%	
20) 2-Butanone-d5	4.644	46	157943	52.554	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.100%	
24) Chloroform-d	5.062	84	104216	5.046	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.701	65	59787	5.440	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.800%	
32) Benzene-d6	5.727	84	186686	4.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.688	67	66276	4.932	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.897	98	173352	4.737	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
43) trans-1,3-Dichloroprop...	8.177	79	20508	4.637	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.634	63	111567	53.153	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.300%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	61446	5.332	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	72483	5.147	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
3) Chloromethane	1.518	50	4046	0.355	ug/L #	82
5) Vinyl chloride	1.599	62	21369	1.805	ug/L	98
13) Acetone	2.656	43	12202	7.511	ug/L	47
14) Carbon disulfide	2.792	76	4102	0.186	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	32995	3.791	ug/L	90
19) 1,1-Dichloroethane	3.872	63	2900	0.159	ug/L #	87
21) 2-Butanone	4.737	43	33554m	13.480	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	31047	2.992	ug/L	98
42) Toluene	7.971	91	22745	0.511	ug/L	90

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

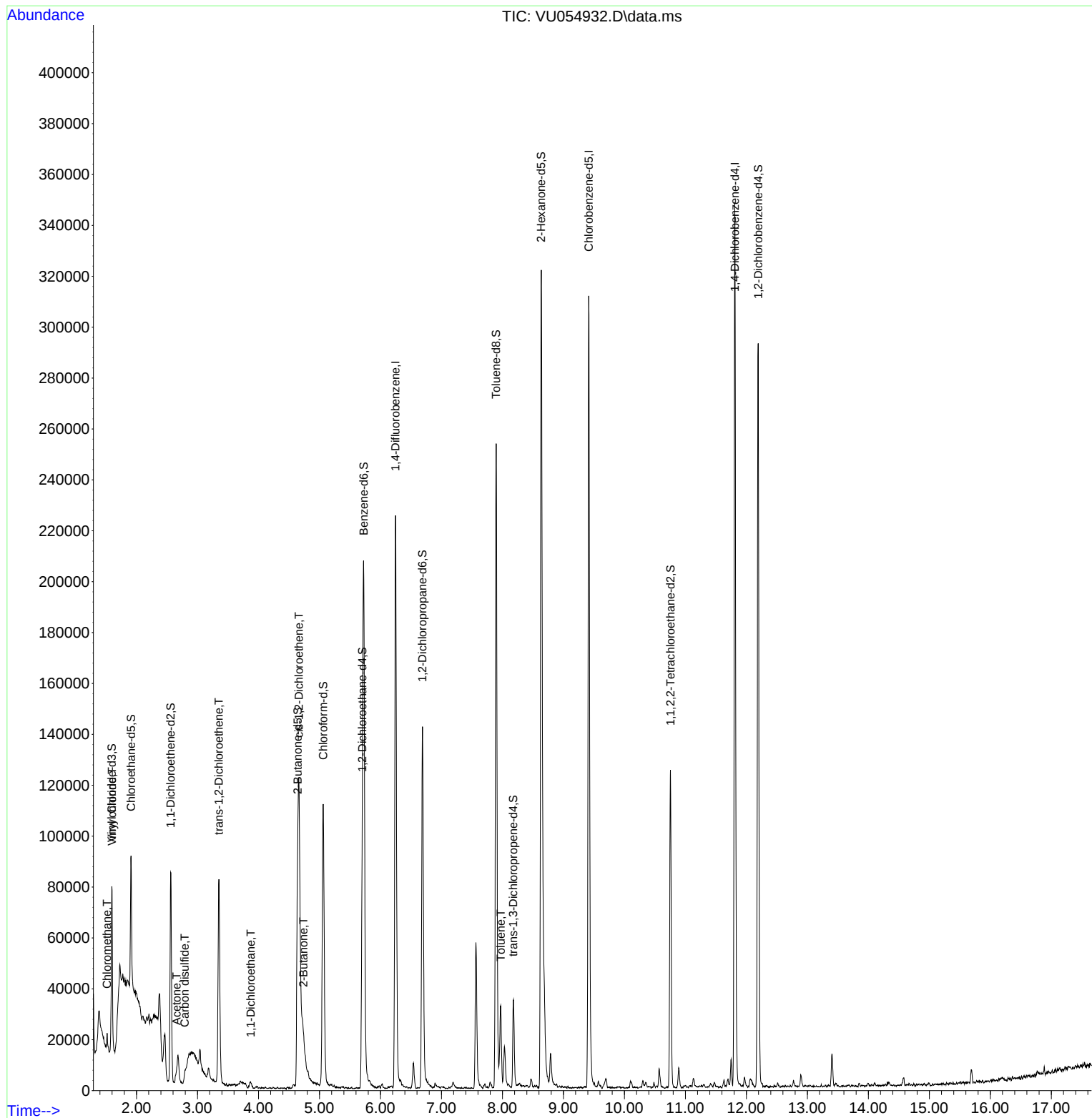
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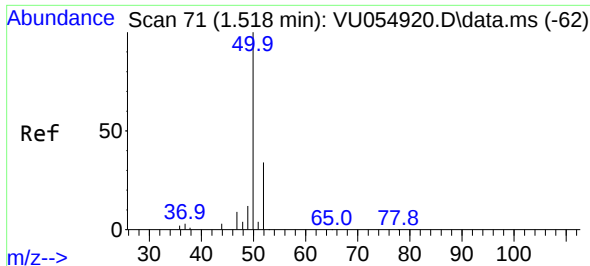
Instrument :
MSVOA_U
ClientSampleId :
C0AL3

Quant Time: Aug 29 05:01:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
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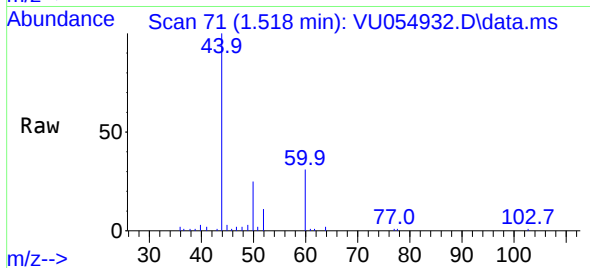
Reviewed By : Semsettin Yesilyurt 08/31/2023
Supervised By : Mahesh Dadoda 08/31/2023





#3
Chloromethane
Concen: 0.355 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

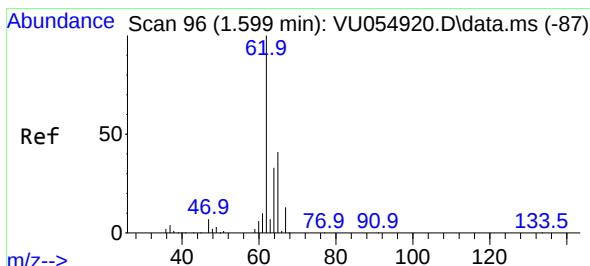
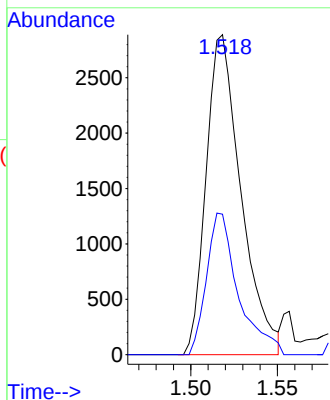
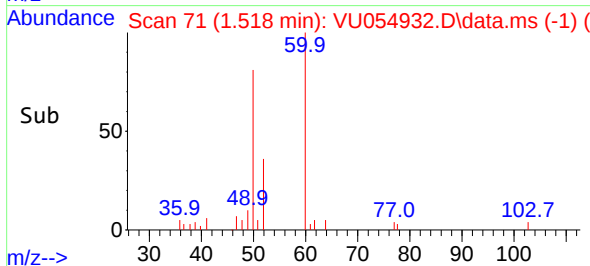
Instrument :
MSVOA_U
ClientSampleId :
COAL3



Tgt Ion: 50 Resp: 4040
Ion Ratio Lower Upper
50 100
52 43.9 23.4 43.6

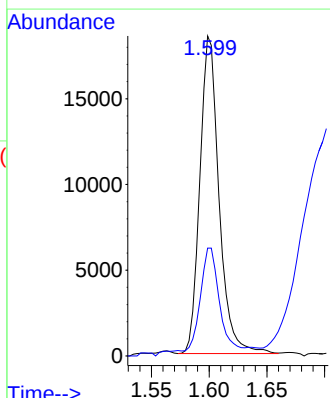
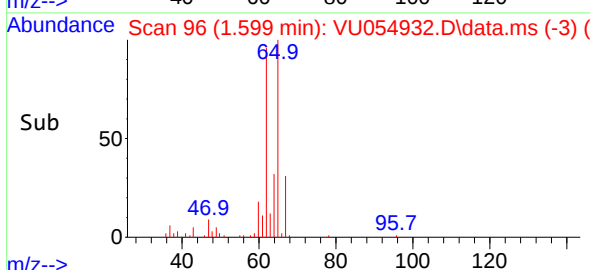
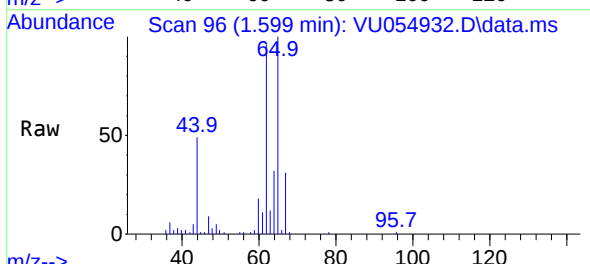
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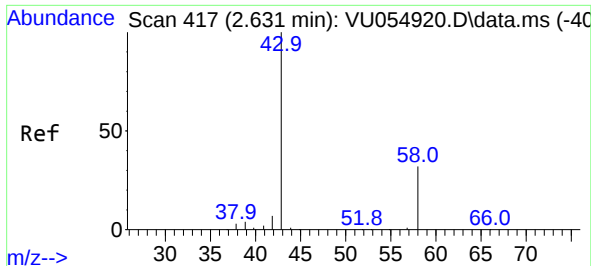
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#5
Vinyl chloride
Concen: 1.805 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

Tgt Ion: 62 Resp: 21369
Ion Ratio Lower Upper
62 100
64 33.7 22.7 42.1





#13

Acetone

Concen: 7.511 ug/L

RT: 2.656 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU054932.D

Acq: 28 Aug 2023 18:37

Instrument :

MSVOA_U

ClientSampleId :

COAL3

Tgt Ion: 43 Resp: 1220

Ion Ratio Lower Upper

43 100

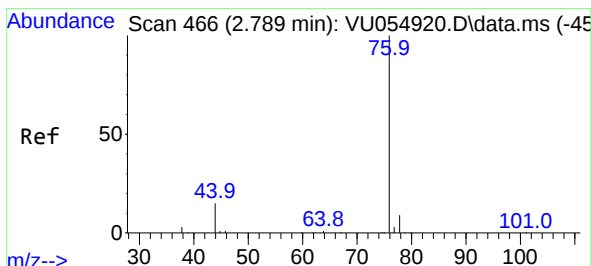
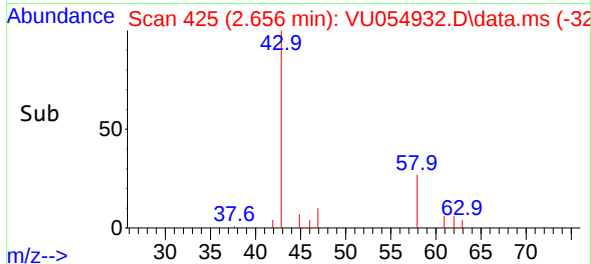
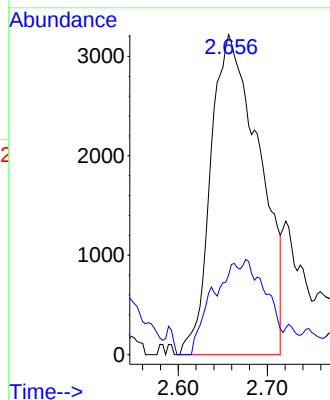
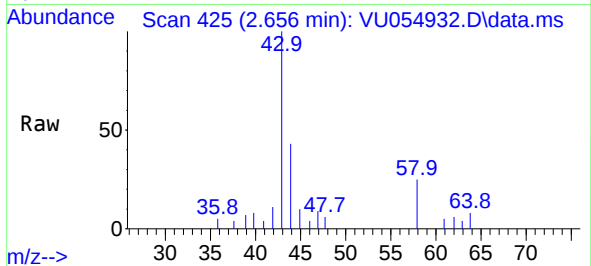
58 2.8 0.0 64.4

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#14

Carbon disulfide

Concen: 0.186 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU054932.D

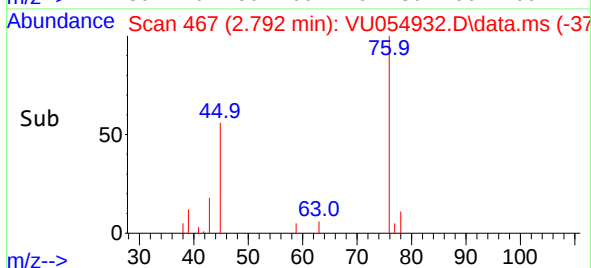
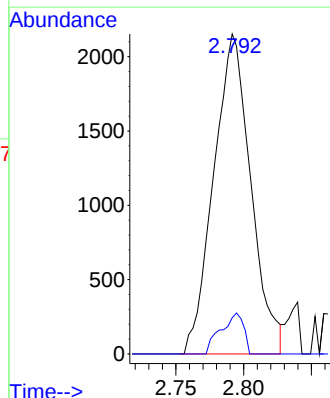
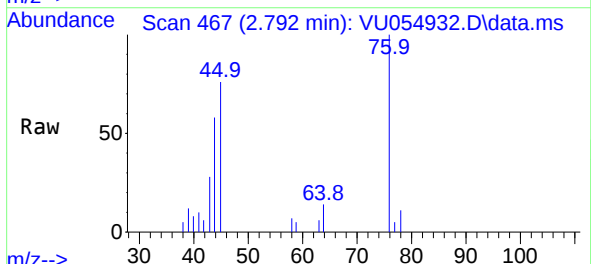
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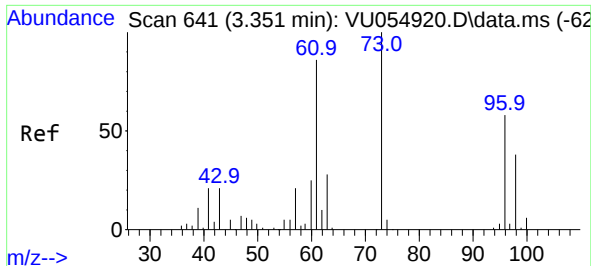
Tgt Ion: 76 Resp: 4102

Ion Ratio Lower Upper

76 100

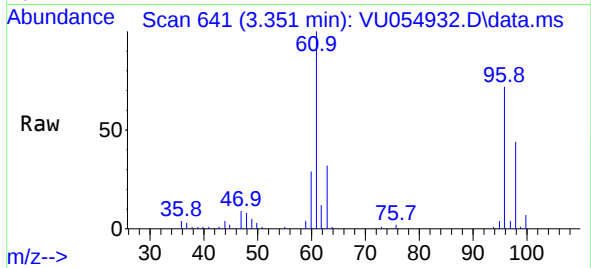
78 11.3 8.2 12.2





#18
trans-1,2-Dichloroethene
Concen: 3.791 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

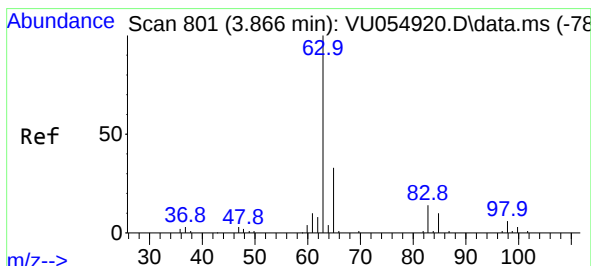
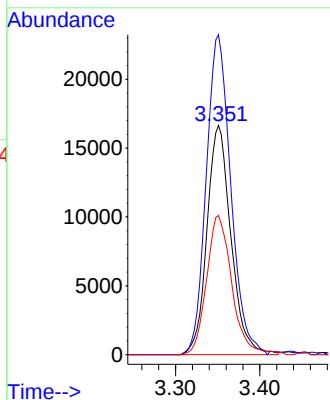
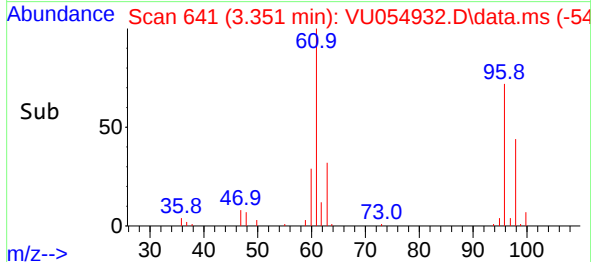
Instrument :
MSVOA_U
ClientSampleId :
COAL3



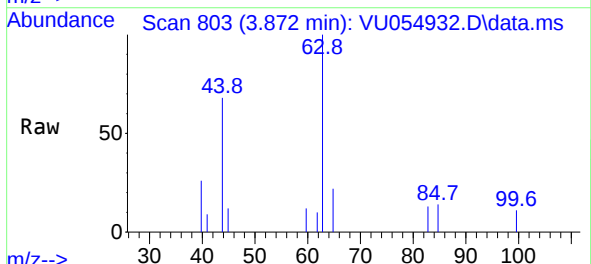
Tgt Ion: 96 Resp: 3299
Ion Ratio Lower Upper
96 100
61 139.6 108.8 202.0
98 60.8 45.8 85.2

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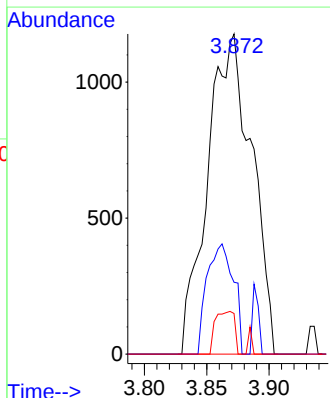
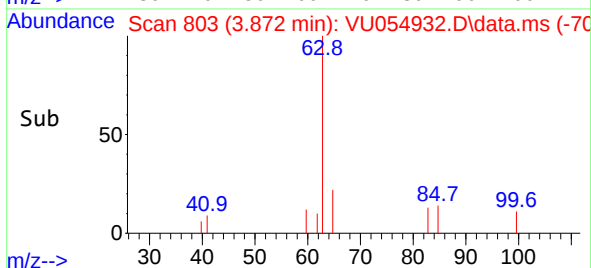
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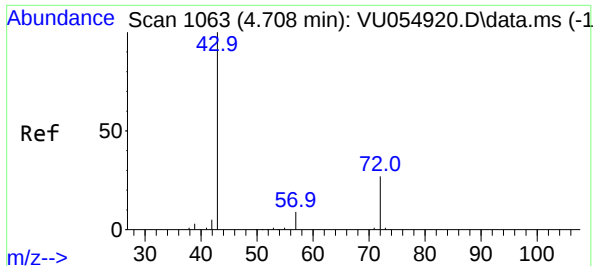


#19
1,1-Dichloroethane
Concen: 0.159 ug/L
RT: 3.872 min Scan# 803
Delta R.T. 0.006 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37



Tgt Ion: 63 Resp: 2900
Ion Ratio Lower Upper
63 100
65 22.4 22.5 41.7#
83 12.7 9.5 17.7





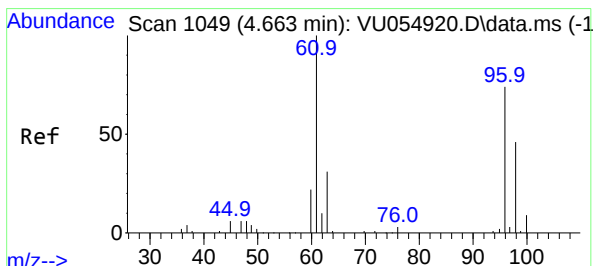
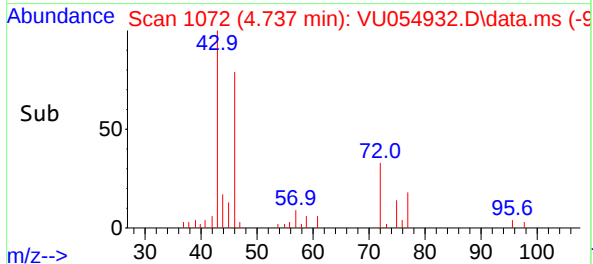
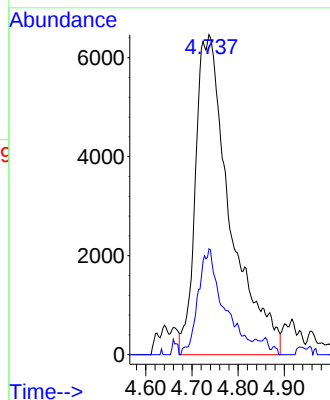
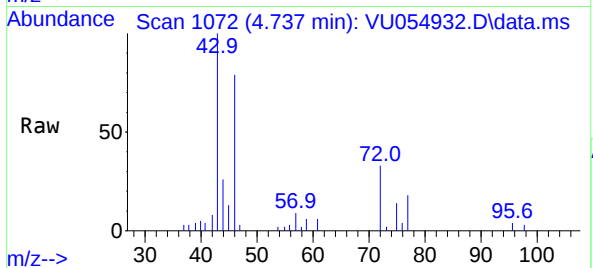
#21
2-Butanone
Concen: 13.480 ug/L m
RT: 4.737 min Scan# 1072
Delta R.T. 0.029 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

Instrument :
MSVOA_U
ClientSampleId :
COAL3

Tgt Ion: 43 Resp: 33554
Ion Ratio Lower Upper
43 100
72 24.7 14.1 42.3

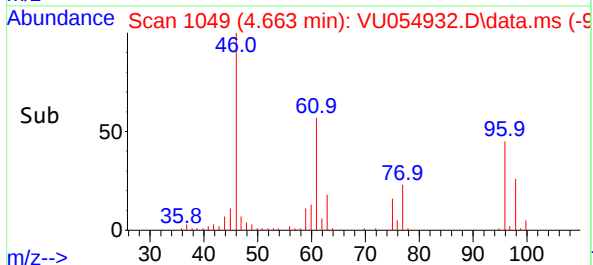
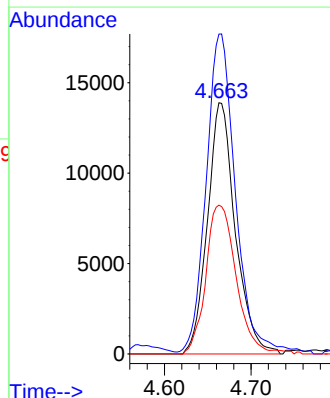
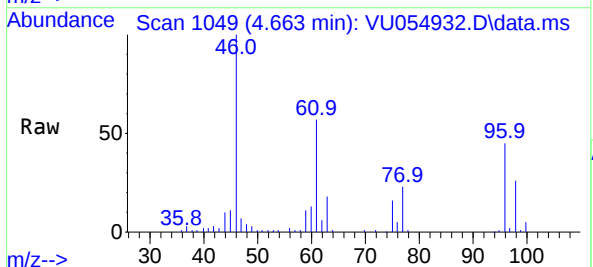
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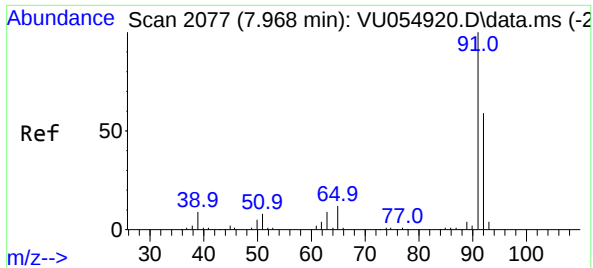
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#22
cis-1,2-Dichloroethene
Concen: 2.992 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

Tgt Ion: 96 Resp: 31047
Ion Ratio Lower Upper
96 100
61 127.4 88.4 164.2
98 59.3 44.0 81.6





#42
Toluene
Concen: 0.511 ug/L
RT: 7.971 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

Instrument :
MSVOA_U
ClientSampleId :
C0AL3

Tgt Ion: 91 Resp: 22745
Ion Ratio Lower Upper
91 100
92 51.0 41.2 76.4

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