

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054986.D
 Acq On : 30 Aug 2023 04:07
 Operator : MD/SY
 Sample : 04173-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL8

Manual Integrations
 APPROVED

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

Quant Time: Aug 30 04:26:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	159759	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	152794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	78659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	25467	5.051	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.000%	
7) Chloroethane-d5	1.908	69	30492	4.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.561	65	14784	5.188	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.800%	
20) 2-Butanone-d5	4.651	46	160195	58.857	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.720%	
24) Chloroform-d	5.062	84	93868	5.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.702	65	53083	5.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.600%	
32) Benzene-d6	5.724	84	169872	4.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.689	67	60162	4.980	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.895	98	147094	4.472	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	8.181	79	16804	4.227	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.638	63	109544	58.057	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.120%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57411	5.542	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.800%	
66) 1,2-Dichlorobenzene-d4	12.194	152	64864	5.165	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
3) Chloromethane	1.516	50	5518	0.534	ug/L	91
13) Acetone	2.670	43	9721m	6.607	ug/L	
14) Carbon disulfide	2.789	76	5602	0.280	ug/L #	89
18) trans-1,2-Dichloroethene	3.355	96	3036	0.385	ug/L	82
21) 2-Butanone	4.741	43	20174	8.949	ug/L	74
22) cis-1,2-Dichloroethene	4.667	96	9605	1.022	ug/L	96
34) Trichloroethene	6.541	95	8241	0.825	ug/L	87
42) Toluene	7.969	91	31369	0.784	ug/L	97
51) Chlorobenzene	9.448	112	3418	0.131	ug/L #	89

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

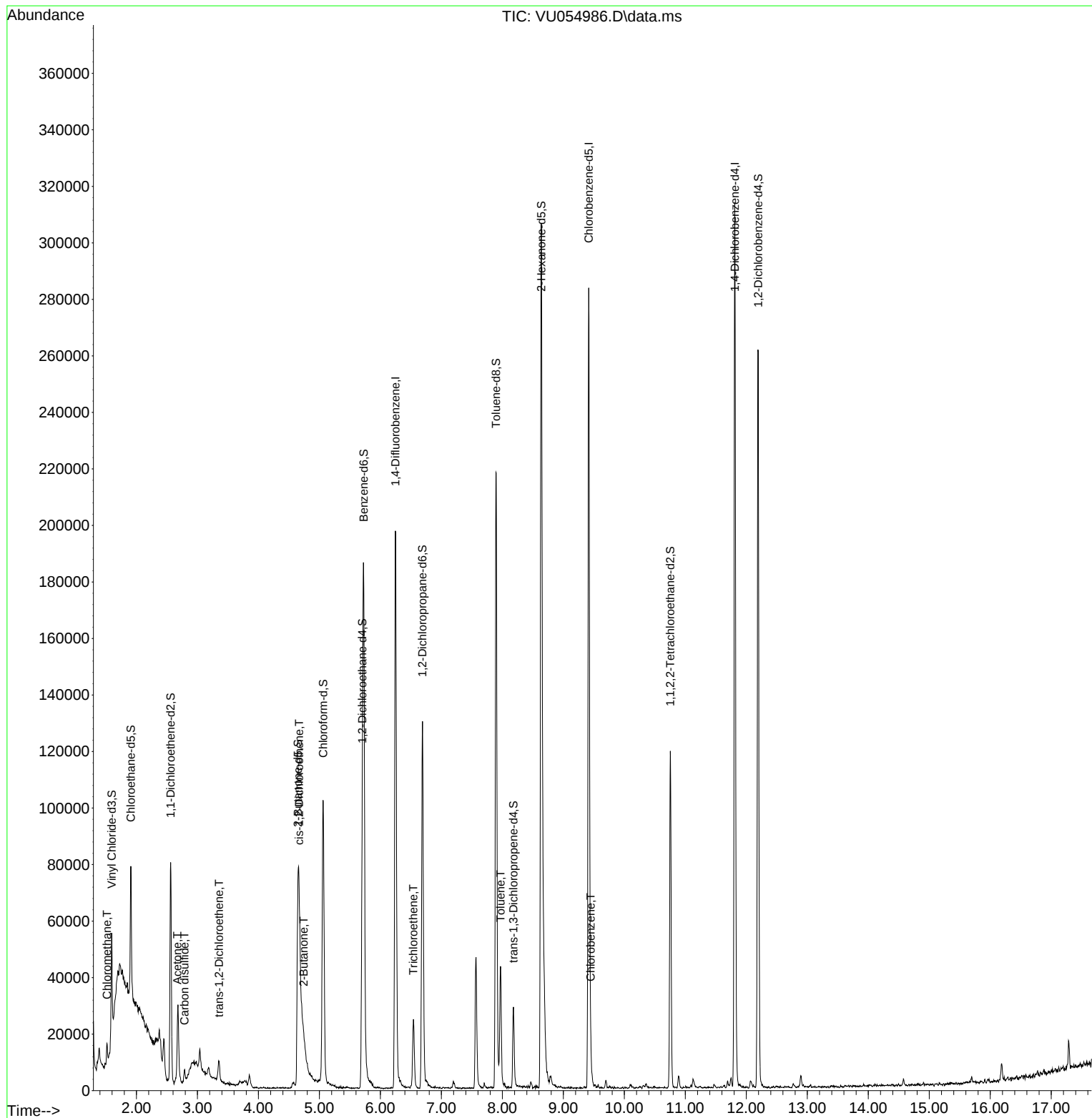
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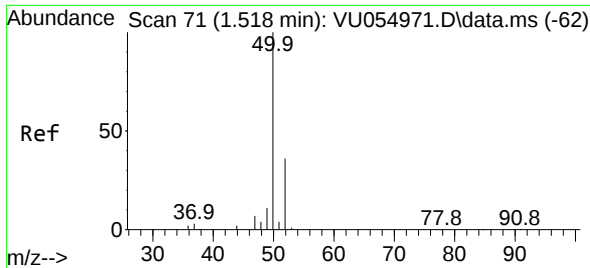
Instrument :
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ClientSampleId :
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Quant Time: Aug 30 04:26:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
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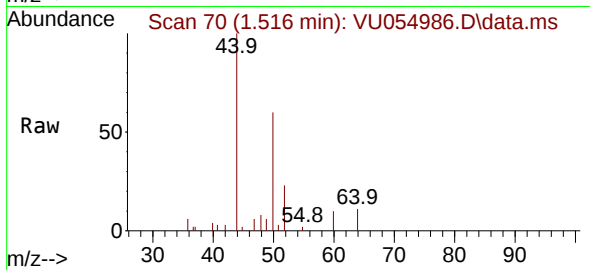
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023





#3
Chloromethane
Concen: 0.534 ug/L
RT: 1.516 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

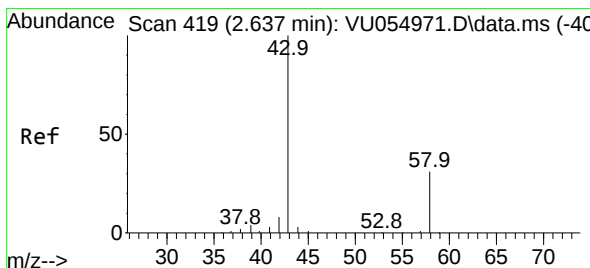
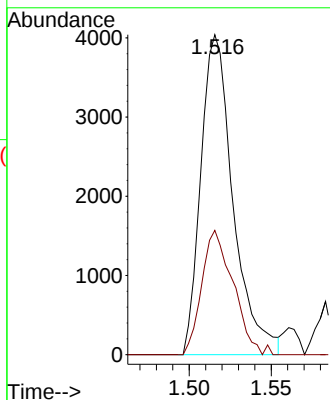
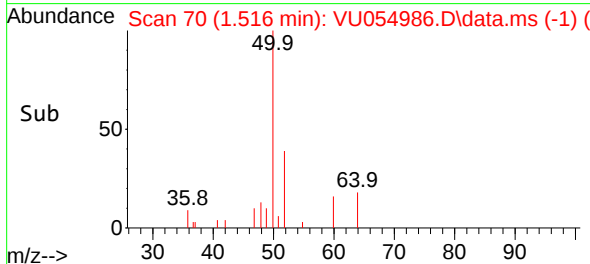
Instrument :
MSVOA_U
ClientSampleId :
COAL8



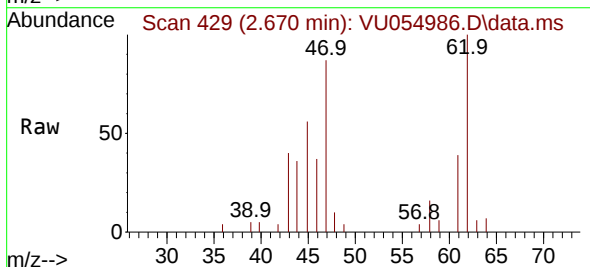
Tgt Ion: 50 Resp: 5518
Ion Ratio Lower Upper
50 100
52 38.9 23.4 43.6

Manual Integrations
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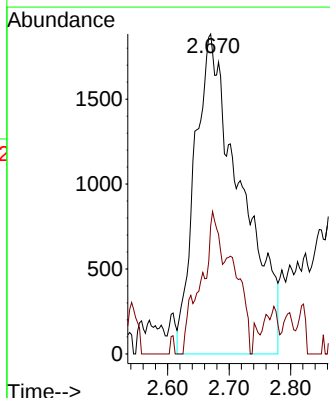
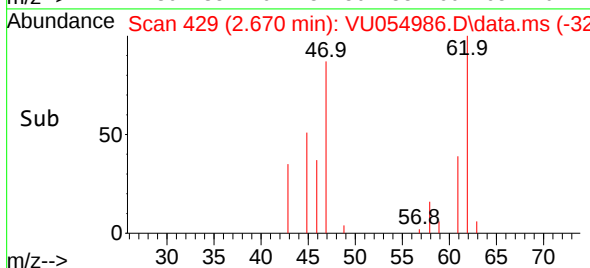
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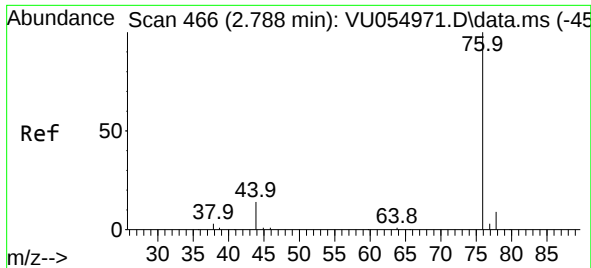


#13
Acetone
Concen: 6.607 ug/L m
RT: 2.670 min Scan# 429
Delta R.T. 0.033 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07



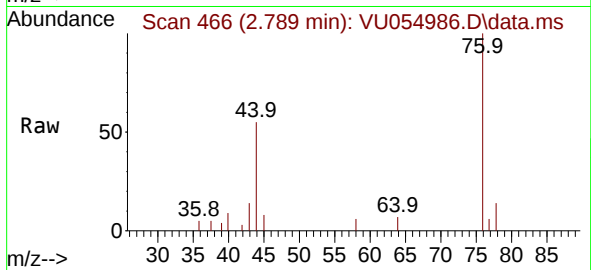
Tgt Ion: 43 Resp: 9721
Ion Ratio Lower Upper
43 100
58 9.1 0.0 64.4





#14
Carbon disulfide
Concen: 0.280 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

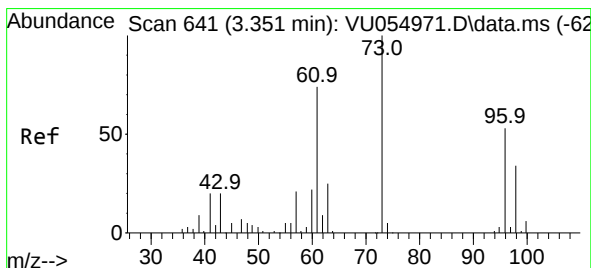
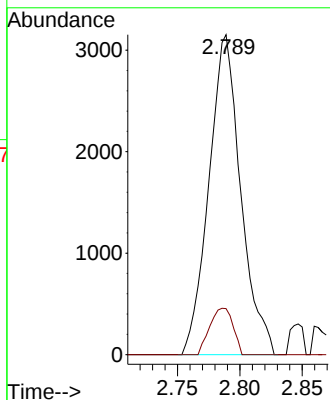
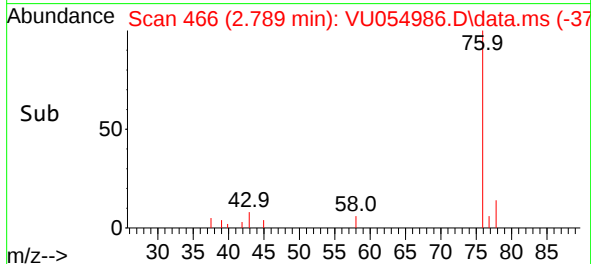
Instrument :
MSVOA_U
ClientSampleId :
COAL8



Tgt Ion: 76 Resp: 5602
Ion Ratio Lower Upper
76 100
78 14.4 8.2 12.2

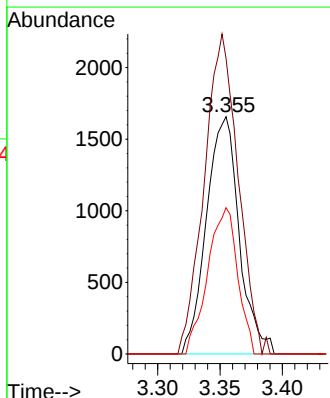
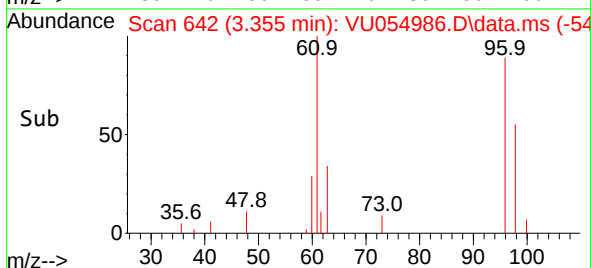
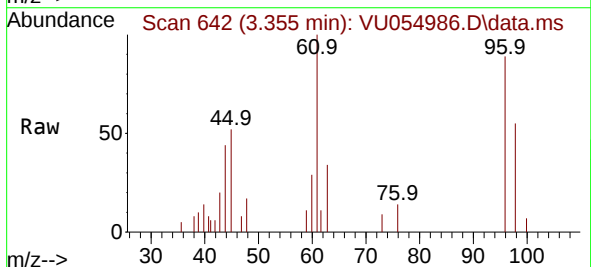
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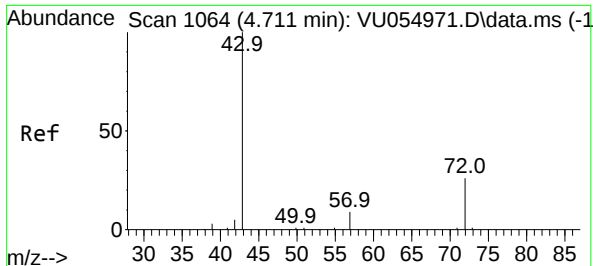
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#18
trans-1,2-Dichloroethene
Concen: 0.385 ug/L
RT: 3.355 min Scan# 642
Delta R.T. 0.004 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

Tgt Ion: 96 Resp: 3036
Ion Ratio Lower Upper
96 100
61 124.6 108.8 202.0
98 61.7 45.8 85.2





#21

2-Butanone

Concen: 8.949 ug/L

RT: 4.741 min Scan# 1073

Delta R.T. 0.029 min

Lab File: VU054986.D

Acq: 30 Aug 2023 04:07

Instrument :

MSVOA_U

ClientSampleId :

COAL8

Tgt Ion: 43 Resp: 20174

Ion Ratio Lower Upper

43 100

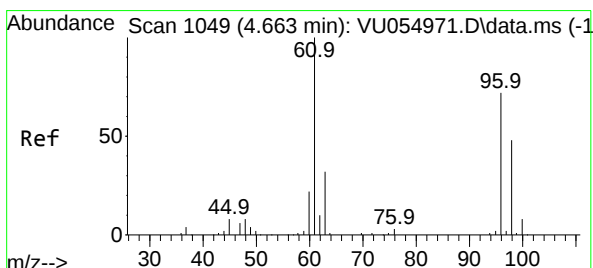
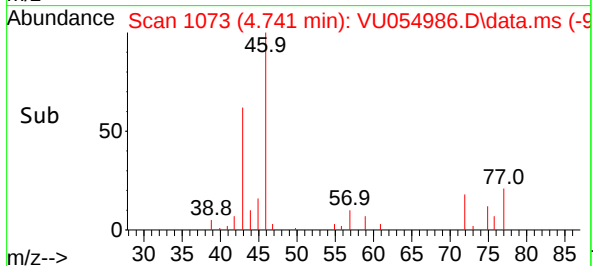
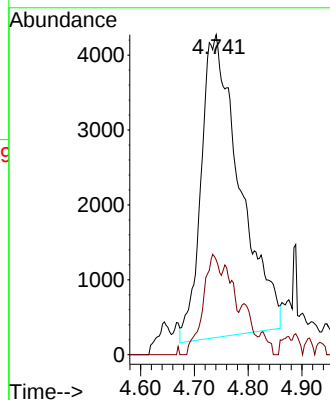
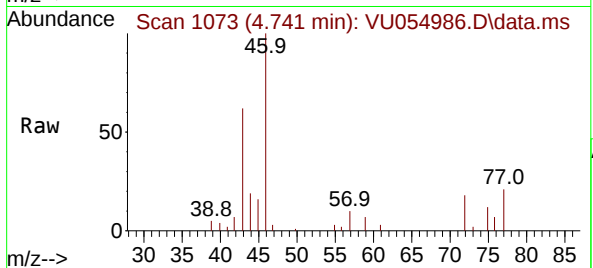
72 14.7 14.1 42.3

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 1.022 ug/L

RT: 4.667 min Scan# 1050

Delta R.T. 0.004 min

Lab File: VU054986.D

Acq: 30 Aug 2023 04:07

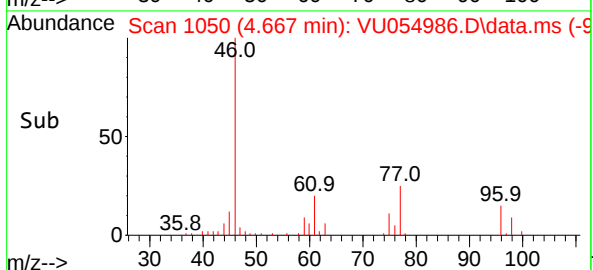
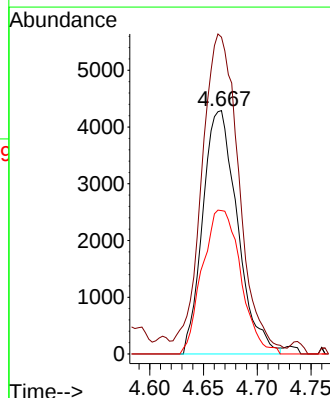
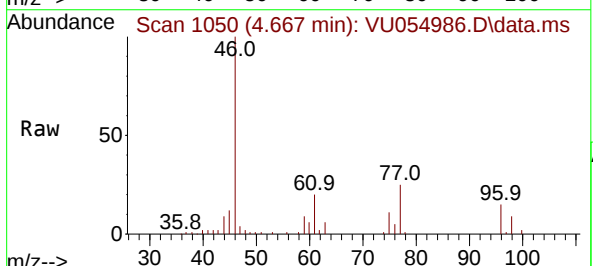
Tgt Ion: 96 Resp: 9605

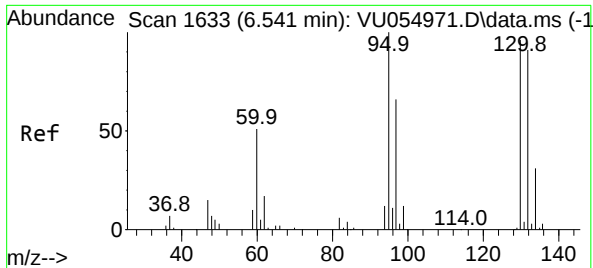
Ion Ratio Lower Upper

96 100

61 130.2 88.4 164.2

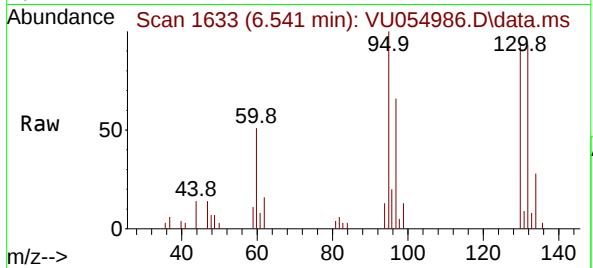
98 58.9 44.0 81.6





#34
Trichloroethene
Concen: 0.825 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

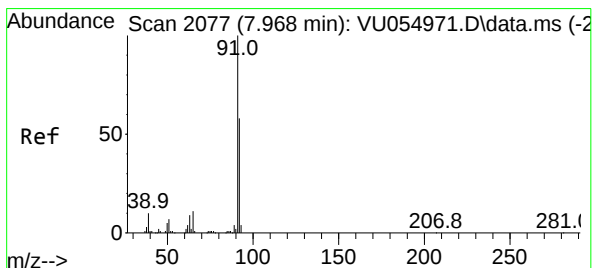
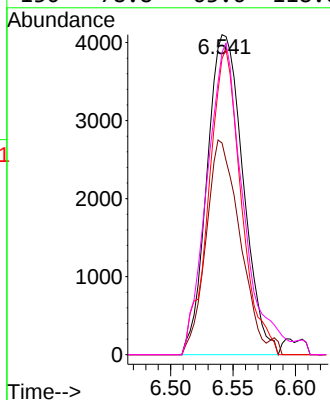
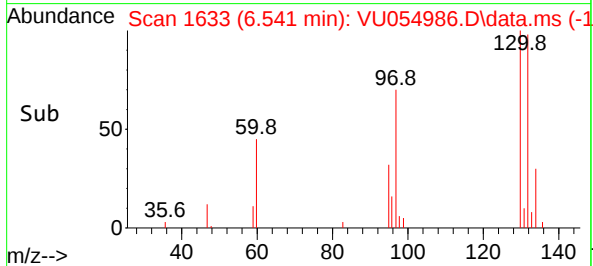
Instrument :
MSVOA_U
ClientSampleId :
COAL8



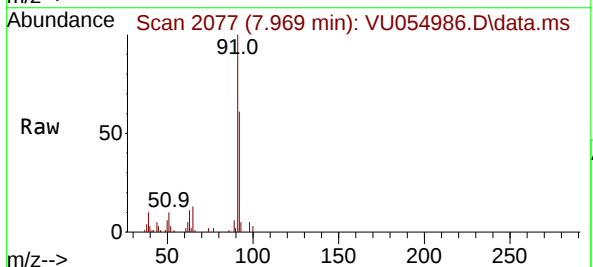
Tgt Ion: 95 Resp: 824
Ion Ratio Lower Upper
95 100
97 55.1 44.1 81.9
132 77.2 63.6 118.2
130 78.8 63.6 118.0

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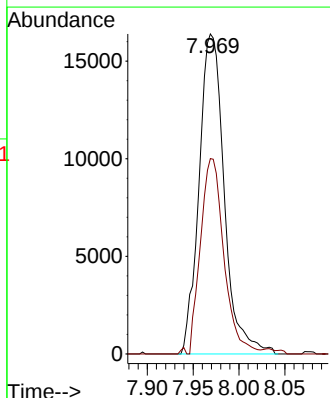
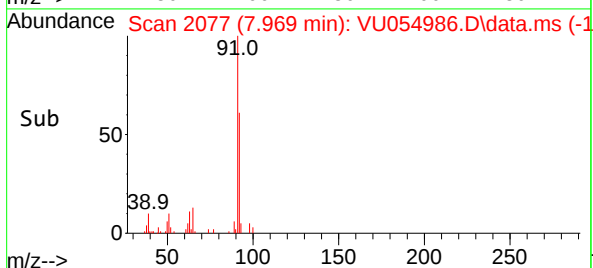
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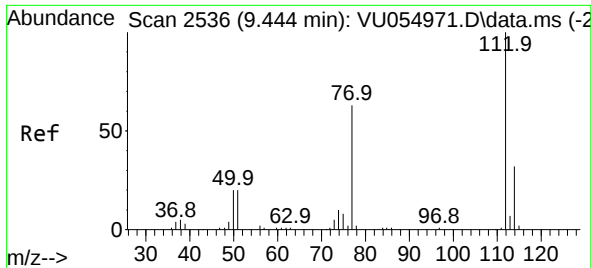


#42
Toluene
Concen: 0.784 ug/L
RT: 7.969 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07



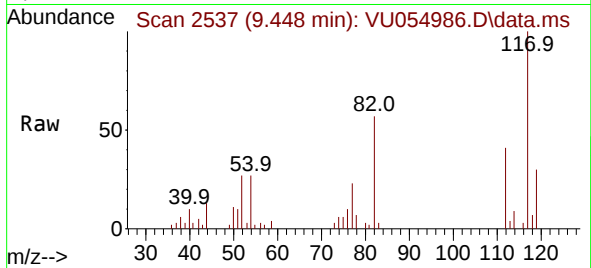
Tgt Ion: 91 Resp: 31369
Ion Ratio Lower Upper
91 100
92 61.0 41.2 76.4





#51
 Chlorobenzene
 Concen: 0.131 ug/L
 RT: 9.448 min Scan# 2537
 Delta R.T. 0.004 min
 Lab File: VU054986.D
 Acq: 30 Aug 2023 04:07

Instrument : MSVOA_U
 ClientSampleId : COAL8



Tgt Ion:112	Resp:	3418
Ion	Ratio	Lower Upper
112	100	
114	23.2	23.4 43.4
77	56.5	49.3 73.9

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