

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054983.D
 Acq On : 30 Aug 2023 02:53
 Operator : MD/SY
 Sample : 04173-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL3

Quant Time: Aug 30 04:01:28 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)

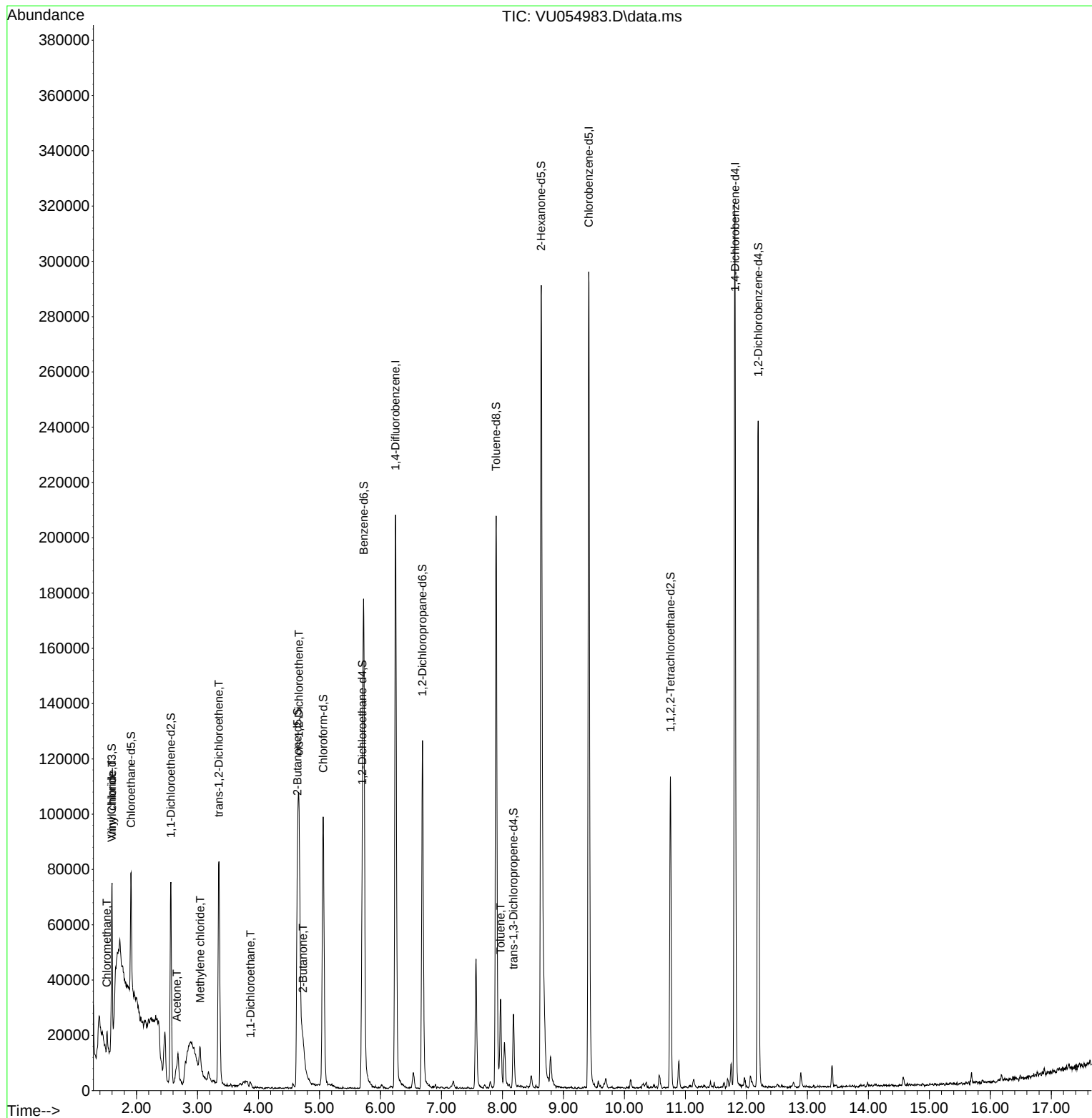
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	159240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23214	4.400	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.000%	
7) Chloroethane-d5	1.911	69	30570	4.485	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.800%	
11) 1,1-Dichloroethene-d2	2.563	65	13370	4.484	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	4.640	46	145515	51.098	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.200%	
24) Chloroform-d	5.062	84	89922	4.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.701	65	48835	4.689	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.724	84	158311	4.423	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
36) 1,2-Dichloropropane-d6	6.689	67	57992	4.607	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.898	98	141058	4.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	8.180	79	15438	3.726	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.600%	
46) 2-Hexanone-d5	8.634	63	94836	48.227	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.460%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54432	5.042	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.800%	
66) 1,2-Dichlorobenzene-d4	12.193	152	61509	4.742	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	5244	0.485	ug/L	99
5) Vinyl chloride	1.599	62	20663	1.842	ug/L	89
13) Acetone	2.660	43	14319	9.302	ug/L	84
16) Methylene chloride	3.042	84	3445	0.297	ug/L	84
18) trans-1,2-Dichloroethene	3.351	96	32453	3.935	ug/L	95
19) 1,1-Dichloroethane	3.869	63	2779	0.161	ug/L	97
21) 2-Butanone	4.730	43	20850	8.840	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	27582	2.805	ug/L	95
42) Toluene	7.968	91	21955	0.527	ug/L	100

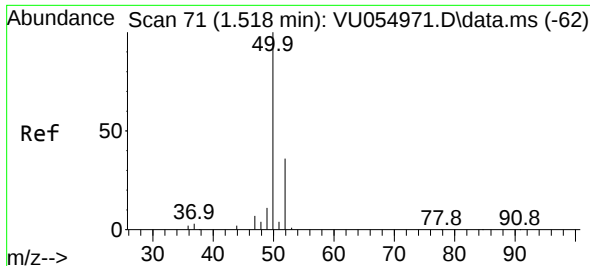
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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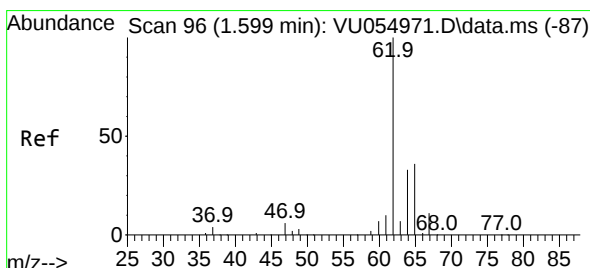
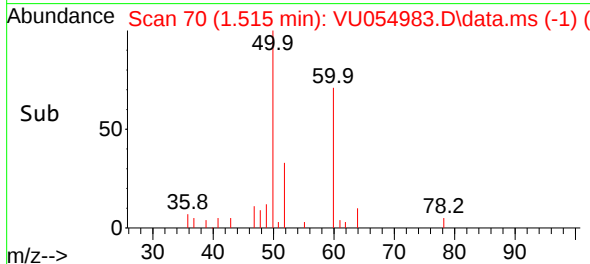
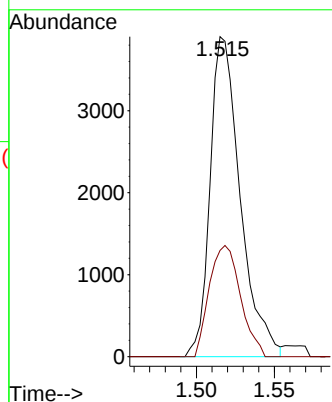
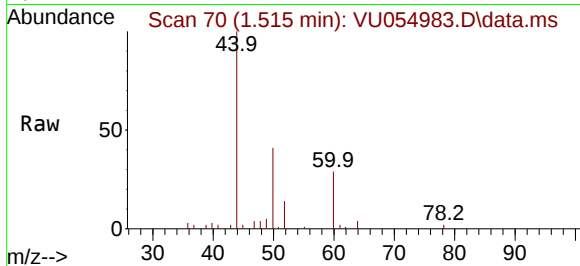




#3
Chloromethane
Concen: 0.485 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

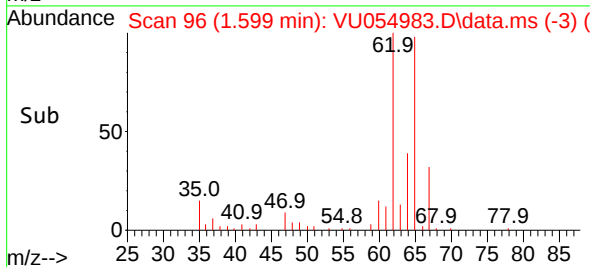
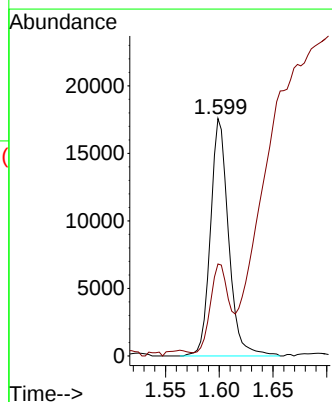
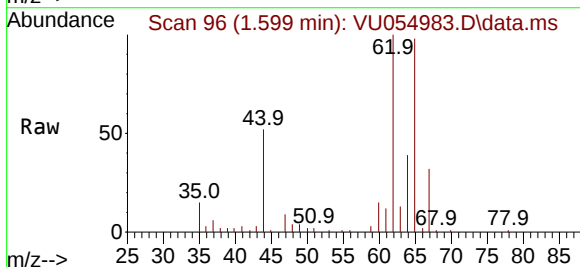
Instrument :
MSVOA_U
ClientSampleId :
COAL3

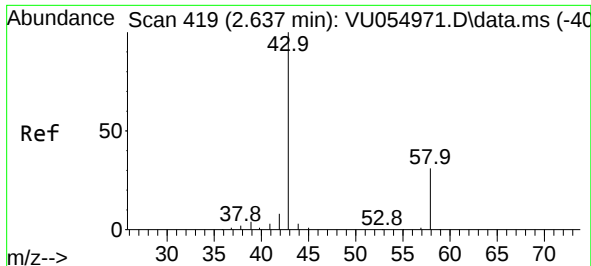
Tgt Ion: 50 Resp: 5244
Ion Ratio Lower Upper
50 100
52 33.2 23.4 43.6



#5
Vinyl chloride
Concen: 1.842 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

Tgt Ion: 62 Resp: 20663
Ion Ratio Lower Upper
62 100
64 38.7 22.7 42.1

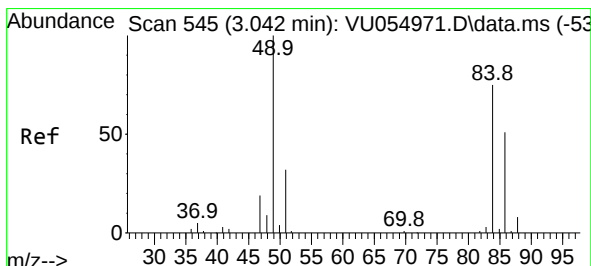
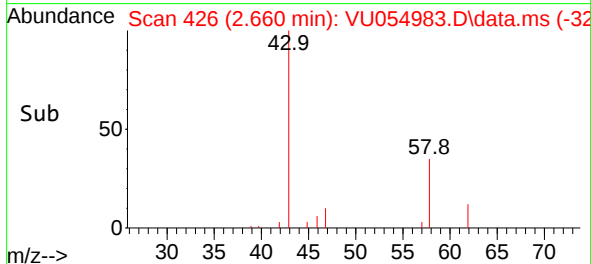
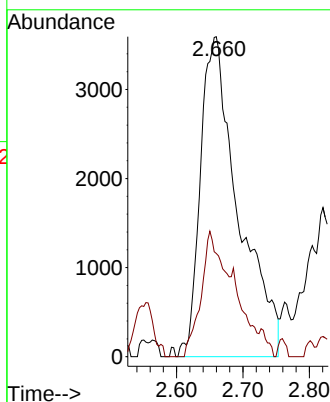
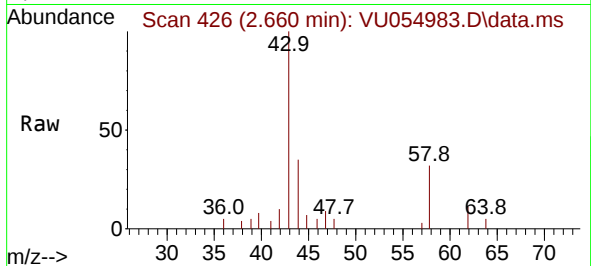




#13
Acetone
Concen: 9.302 ug/L
RT: 2.660 min Scan# 419
Delta R.T. 0.022 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

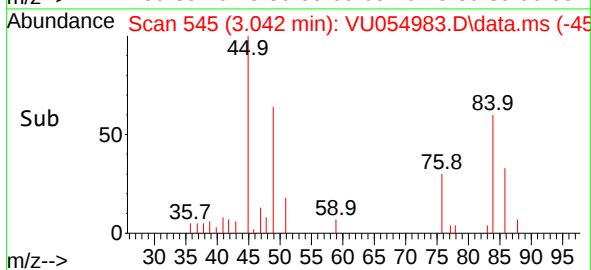
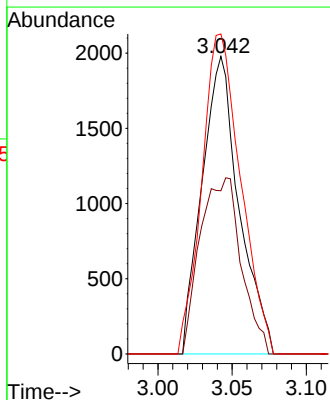
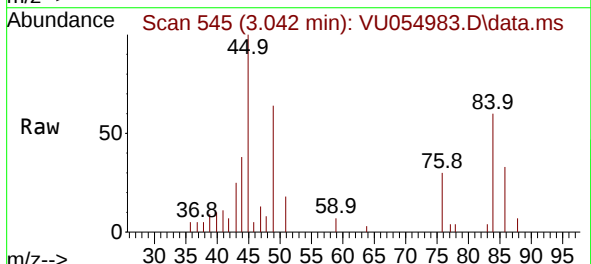
Instrument :
MSVOA_U
ClientSampleId :
COAL3

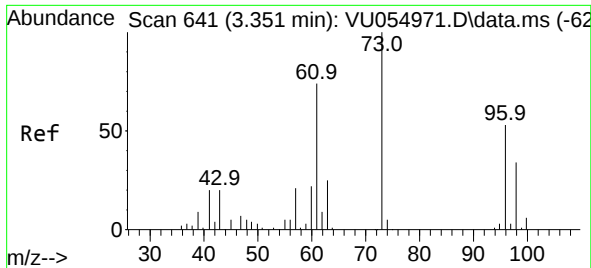
Tgt Ion: 43 Resp: 14319
Ion Ratio Lower Upper
43 100
58 23.2 0.0 64.4



#16
Methylene chloride
Concen: 0.297 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

Tgt Ion: 84 Resp: 3445
Ion Ratio Lower Upper
84 100
86 54.8 45.1 83.7
49 107.5 89.5 166.3



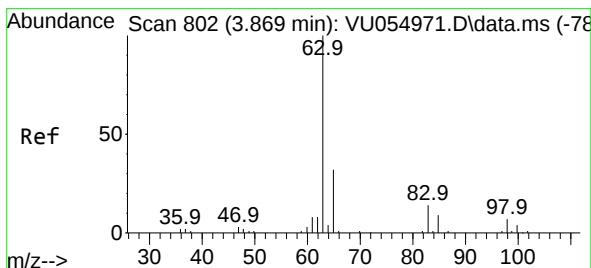
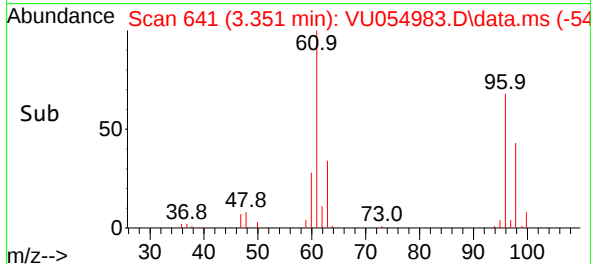
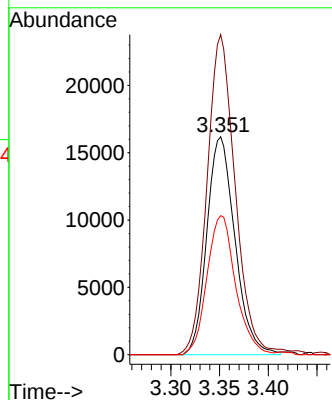
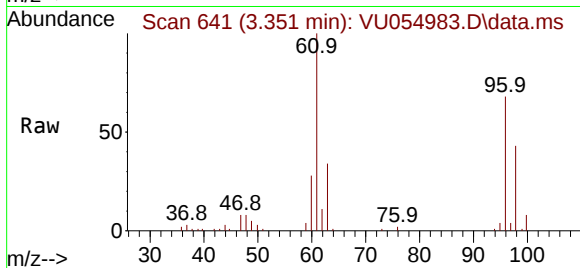


#18
 trans-1,2-Dichloroethene
 Concen: 3.935 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. -0.000 min
 Lab File: VU054983.D
 Acq: 30 Aug 2023 02:53

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL3

Tgt Ion: 96 Resp: 32453

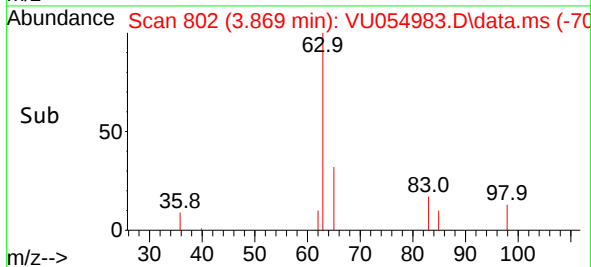
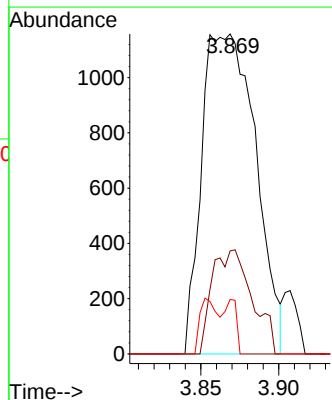
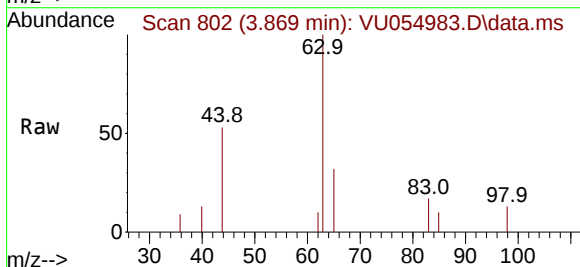
Ion	Ratio	Lower	Upper
96	100		
61	146.8	108.8	202.0
98	63.8	45.8	85.2

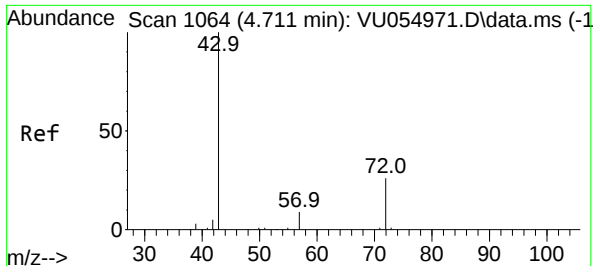


#19
 1,1-Dichloroethane
 Concen: 0.161 ug/L
 RT: 3.869 min Scan# 802
 Delta R.T. -0.000 min
 Lab File: VU054983.D
 Acq: 30 Aug 2023 02:53

Tgt Ion: 63 Resp: 2779

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.7
83	17.0	9.5	17.7





#21

2-Butanone

Concen: 8.840 ug/L

RT: 4.730 min Scan# 1070

Delta R.T. 0.019 min

Lab File: VU054983.D

Acq: 30 Aug 2023 02:53

Instrument :

MSVOA_U

ClientSampleId :

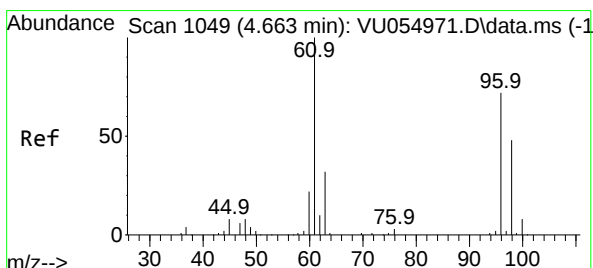
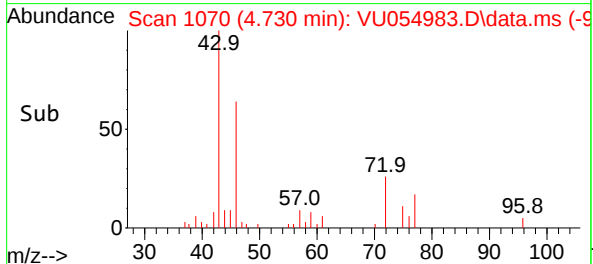
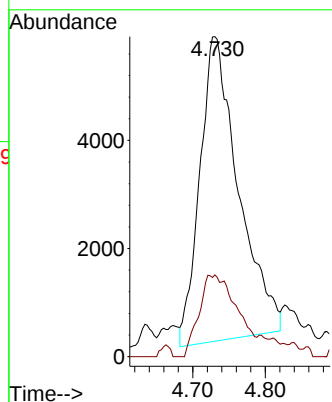
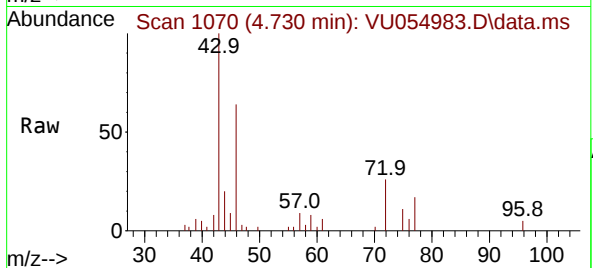
COAL3

Tgt Ion: 43 Resp: 20850

Ion Ratio Lower Upper

43 100

72 26.4 14.1 42.3



#22

cis-1,2-Dichloroethene

Concen: 2.805 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU054983.D

Acq: 30 Aug 2023 02:53

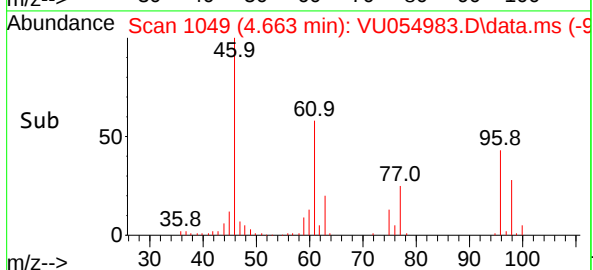
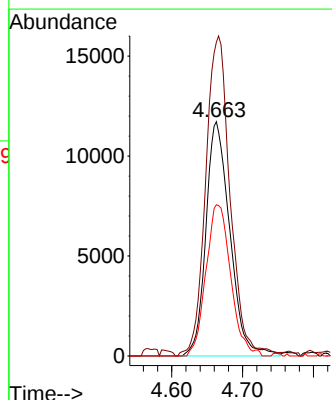
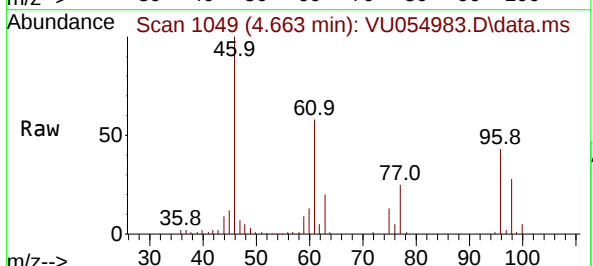
Tgt Ion: 96 Resp: 27582

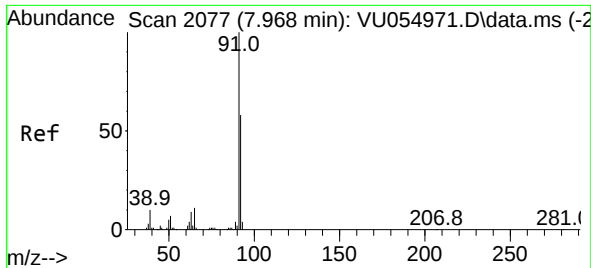
Ion Ratio Lower Upper

96 100

61 133.9 88.4 164.2

98 64.5 44.0 81.6





#42

Toluene

Concen: 0.527 ug/L

RT: 7.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: VU054983.D

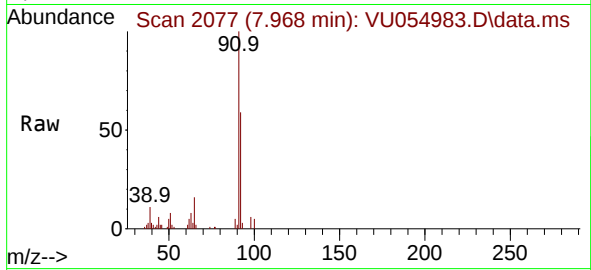
Acq: 30 Aug 2023 02:53

Instrument :

MSVOA_U

ClientSampleId :

C0AL3



Tgt Ion: 91 Resp: 21955

Ion Ratio Lower Upper

91 100

92 58.7 41.2 76.4

