

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054940.D
 Acq On : 28 Aug 2023 21:55
 Operator : MD/SY
 Sample : 04173-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAM1

Quant Time: Aug 29 05:03:25 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)

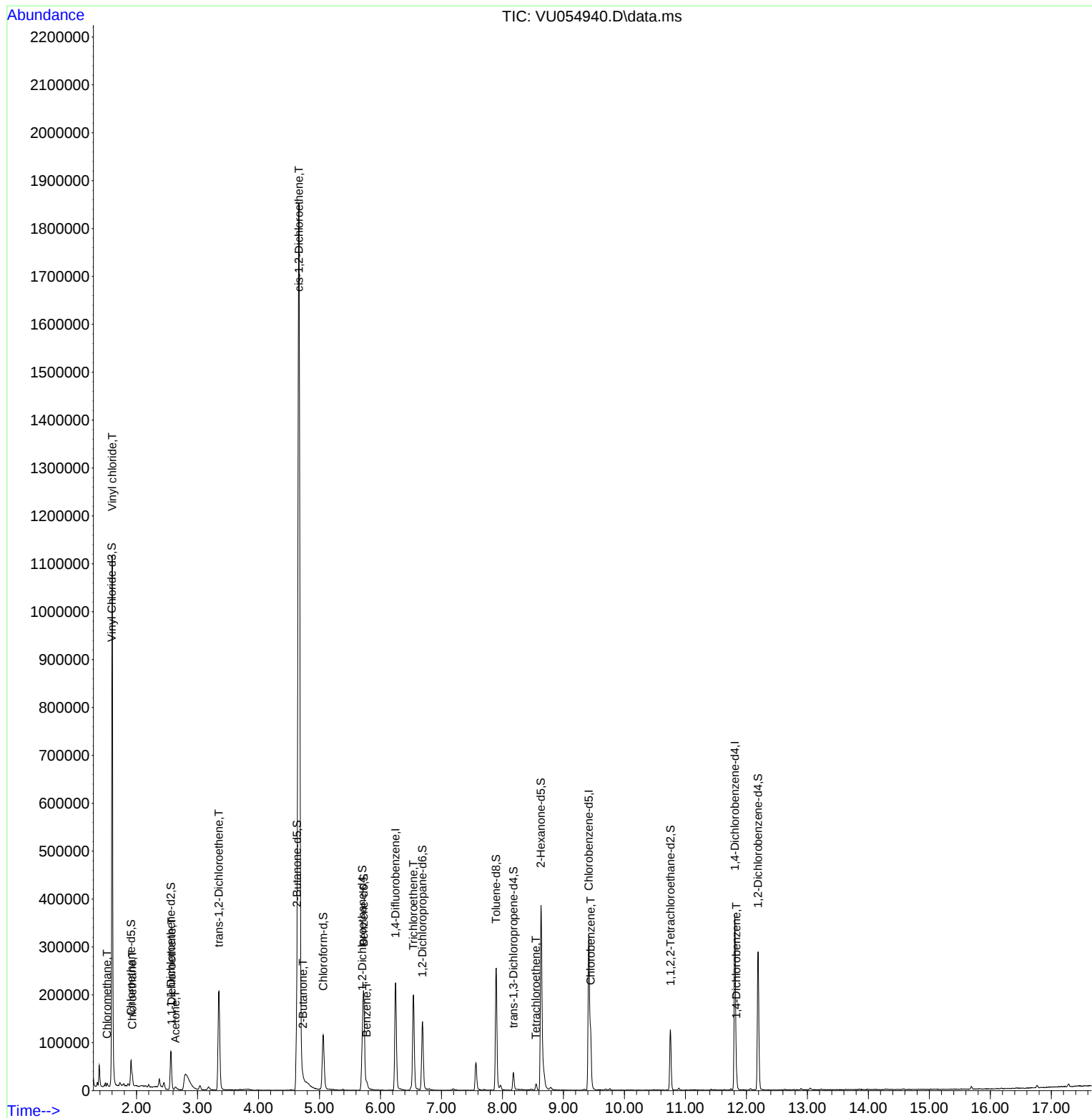
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180210	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174277	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	90532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30847	5.423	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.400%
7) Chloroethane-d5	1.911	69	35598	4.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.563	65	15015	4.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.631	46	188759	61.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.960%
24) Chloroform-d	5.062	84	102330	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.701	65	57368	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.724	84	189599	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.689	67	66894	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.898	98	172568	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.180	79	20867	4.602	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.631	63	129060	59.969	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.940%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	61224	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	73421	5.079	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	5470	0.469	ug/L	94
5) Vinyl chloride	1.602	62	743634	61.483	ug/L	99
8) Chloroethane	1.930	64	14834	1.865	ug/L	93
12) 1,1-Dichloroethene	2.576	96	2013	0.247	ug/L #	1
13) Acetone	2.637	43	9588	5.777	ug/L	88
18) trans-1,2-Dichloroethene	3.351	96	84979	9.557	ug/L	91
21) 2-Butanone	4.727	43	19422	7.638	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	933457	88.049	ug/L	96
33) Benzene	5.775	78	12769	0.311	ug/L	100
34) Trichloroethene	6.541	95	68327	5.997	ug/L	98
47) Tetrachloroethene	8.550	164	2789	0.341	ug/L	94
51) Chlorobenzene	9.447	112	59766	2.013	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	9377	0.415	ug/L	97

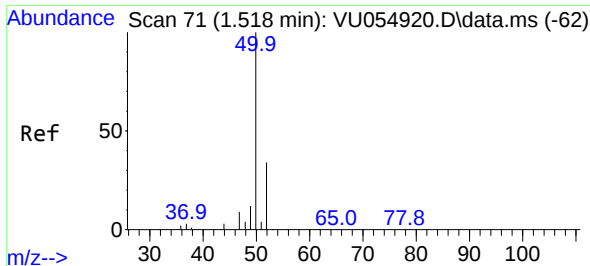
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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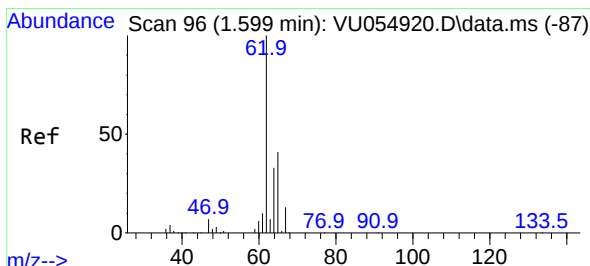
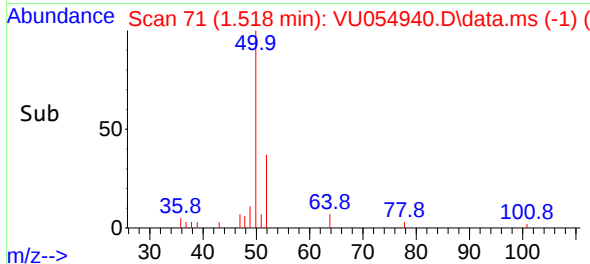
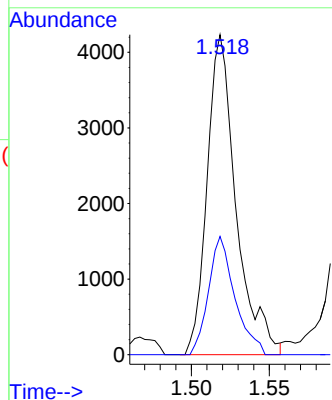
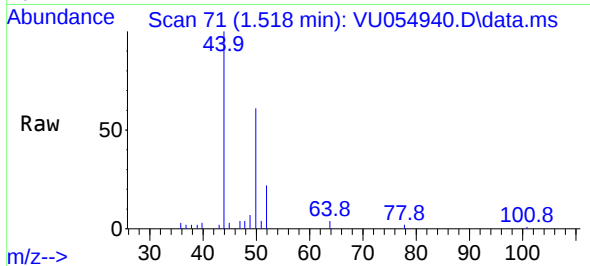




#3
Chloromethane
Concen: 0.469 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054940.D
Acq: 28 Aug 2023 21:55

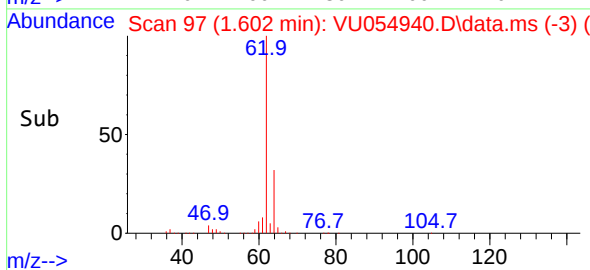
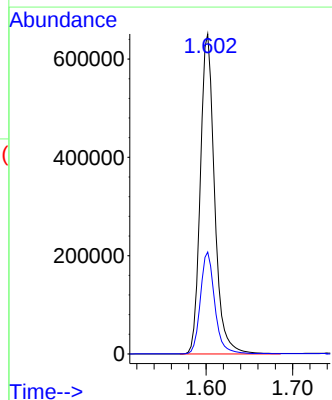
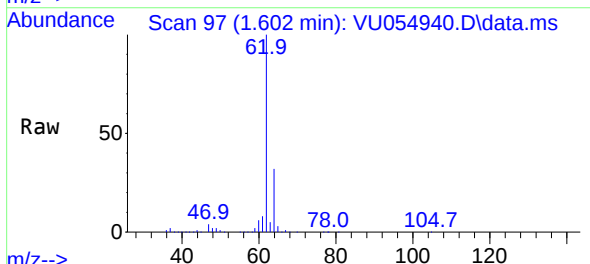
Instrument :
MSVOA_U
ClientSampleId :
COAM1

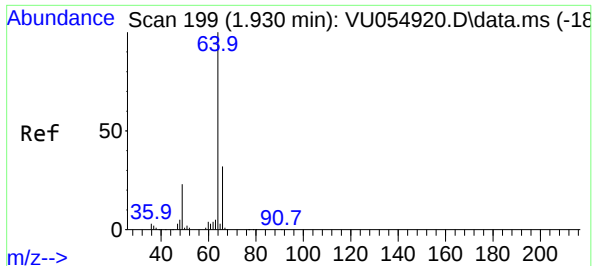
Tgt Ion: 50 Resp: 5470
Ion Ratio Lower Upper
50 100
52 37.0 23.4 43.6



#5
Vinyl chloride
Concen: 61.483 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU054940.D
Acq: 28 Aug 2023 21:55

Tgt Ion: 62 Resp: 743634
Ion Ratio Lower Upper
62 100
64 31.9 22.7 42.1

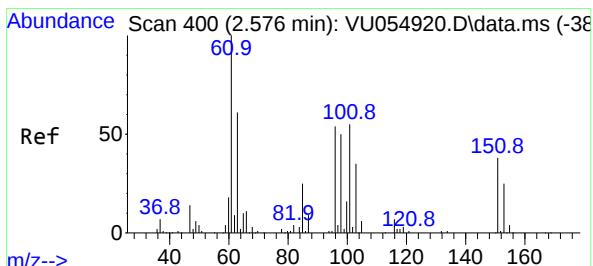
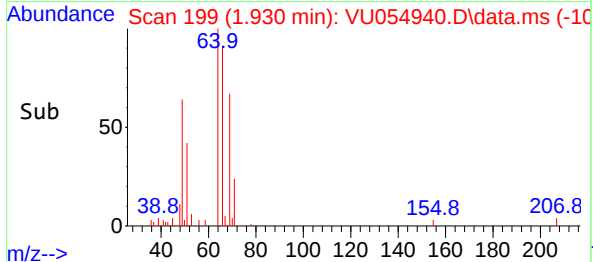
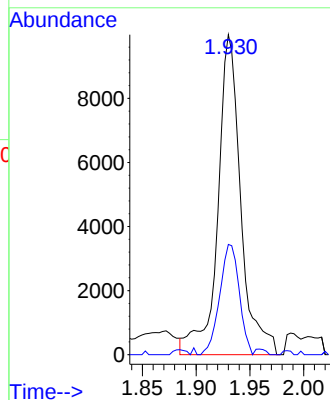
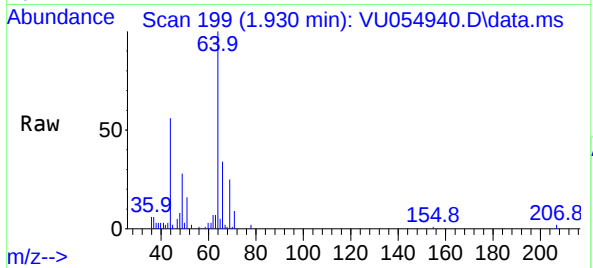




#8
Chloroethane
Concen: 1.865 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU054940.D
Acq: 28 Aug 2023 21:55

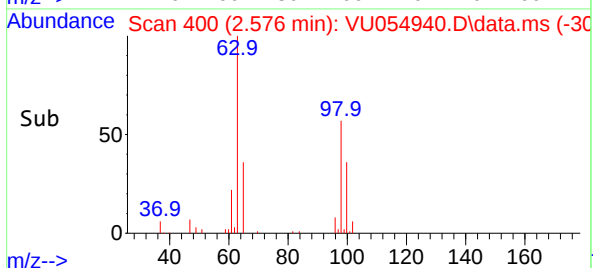
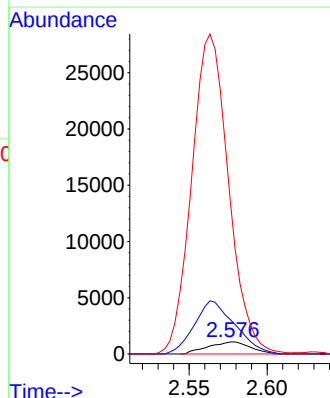
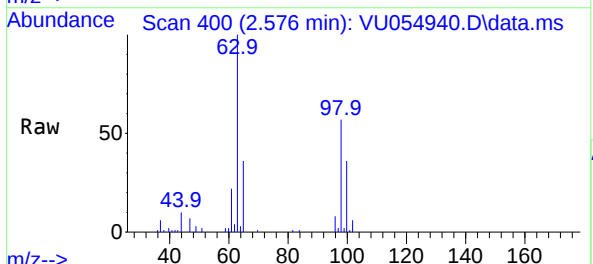
Instrument :
MSVOA_U
ClientSampleId :
COAM1

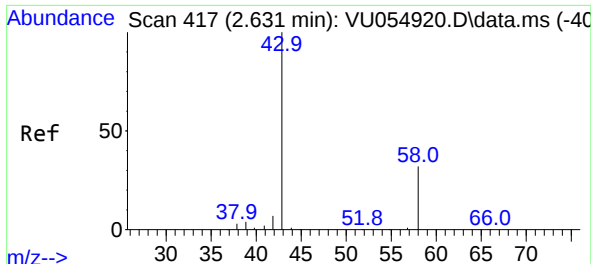
Tgt Ion: 64 Resp: 14834
Ion Ratio Lower Upper
64 100
66 34.5 21.5 39.9



#12
1,1-Dichloroethene
Concen: 0.247 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054940.D
Acq: 28 Aug 2023 21:55

Tgt Ion: 96 Resp: 2013
Ion Ratio Lower Upper
96 100
61 288.6 132.4 245.8#
63 1293.5 82.5 153.1#

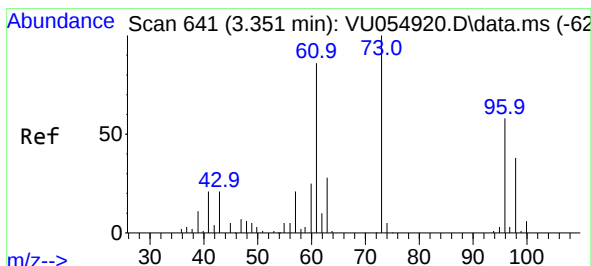
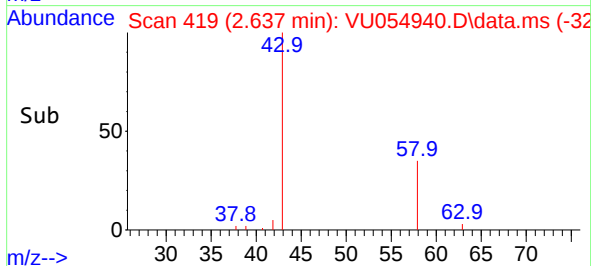
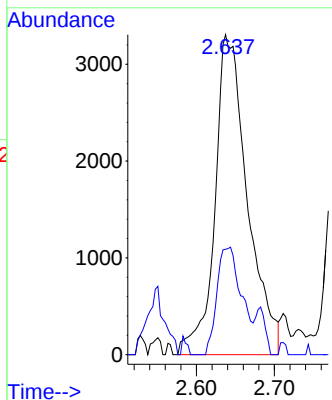
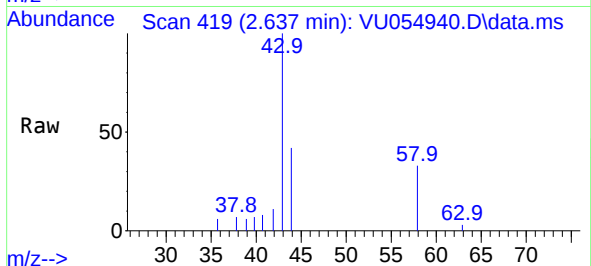




#13
Acetone
Concen: 5.777 ug/L
RT: 2.637 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU054940.D
Acq: 28 Aug 2023 21:55

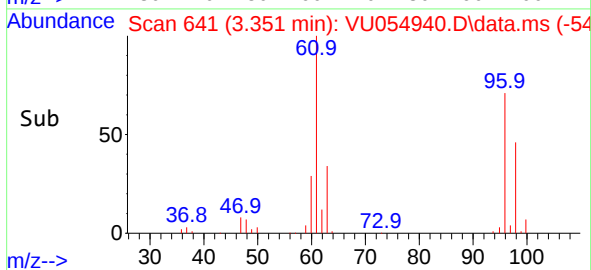
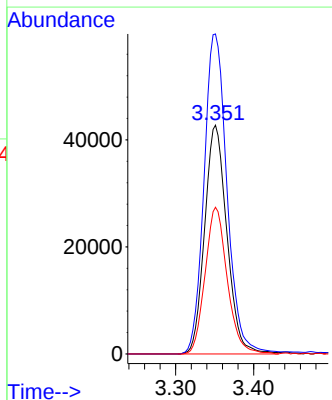
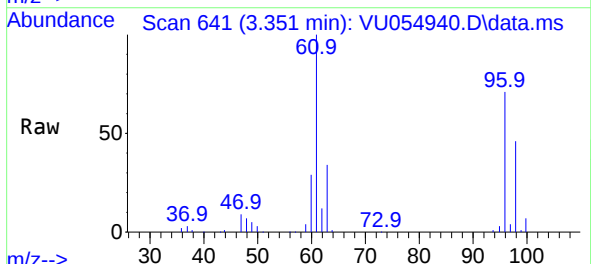
Instrument :
MSVOA_U
ClientSampleId :
COAM1

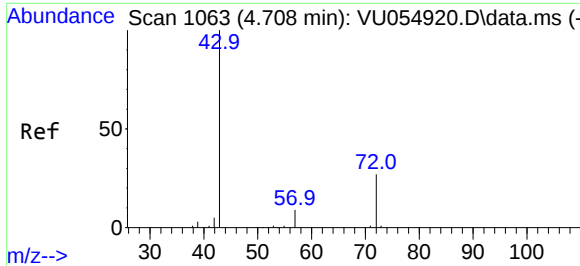
Tgt Ion: 43 Resp: 9588
Ion Ratio Lower Upper
43 100
58 25.5 0.0 64.4



#18
trans-1,2-Dichloroethene
Concen: 9.557 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054940.D
Acq: 28 Aug 2023 21:55

Tgt Ion: 96 Resp: 84979
Ion Ratio Lower Upper
96 100
61 139.9 108.8 202.0
98 64.1 45.8 85.2

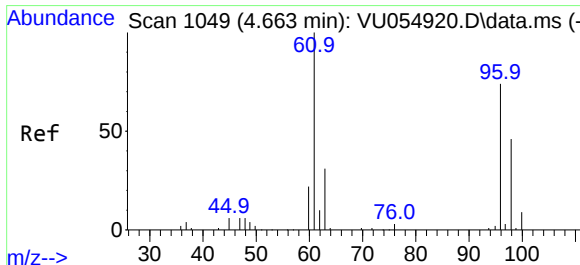
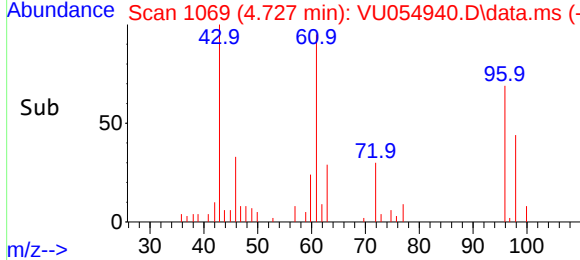
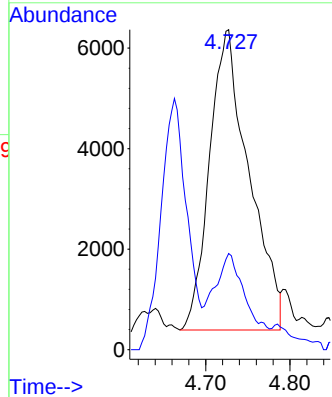
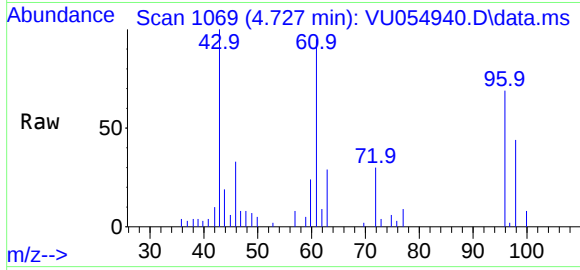




#21
2-Butanone
Concen: 7.638 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.019 min
Lab File: VU054940.D
Acq: 28 Aug 2023 21:55

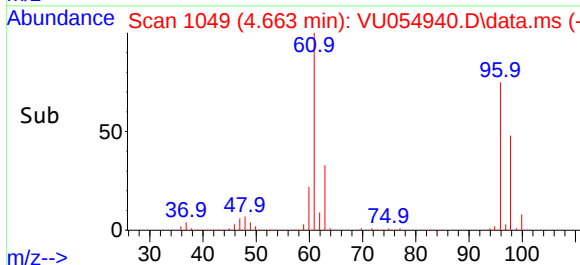
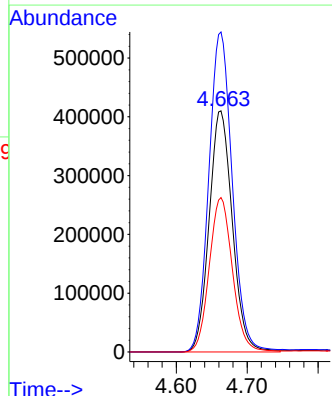
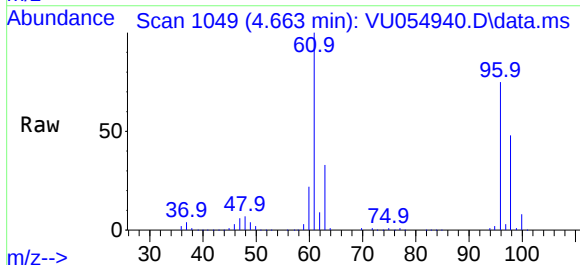
Instrument :
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ClientSampleId :
C0AM1

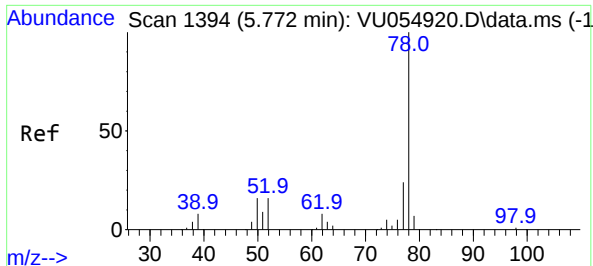
Tgt Ion:	43	Resp:	19422
Ion Ratio	Lower	Upper	
43	100		
72	27.6	14.1	42.3



#22
cis-1,2-Dichloroethene
Concen: 88.049 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054940.D
Acq: 28 Aug 2023 21:55

Tgt Ion:	96	Resp:	933457
Ion Ratio	Lower	Upper	
96	100		
61	132.7	88.4	164.2
98	64.0	44.0	81.6





Benzene

Concen: 0.311 ug/L

RT: 5.775 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054940.D

Acq: 28 Aug 2023 21:55

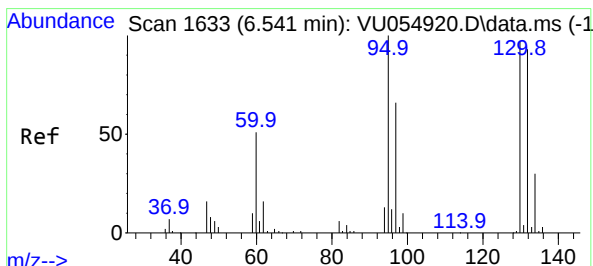
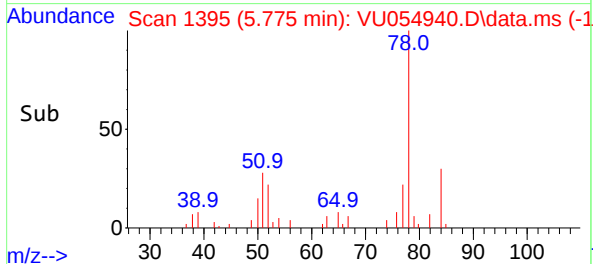
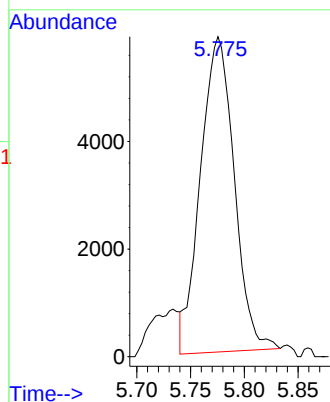
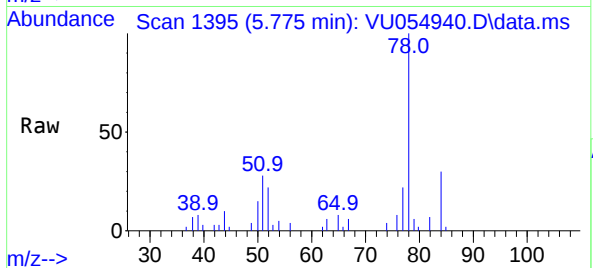
Instrument :

MSVOA_U

ClientSampleId :

C0AM1

Tgt Ion: 78 Resp: 12769



Trichloroethene

Concen: 5.997 ug/L

RT: 6.541 min Scan# 1633

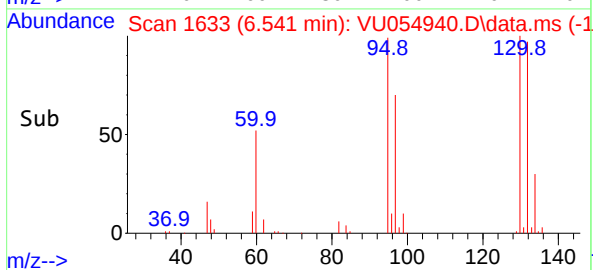
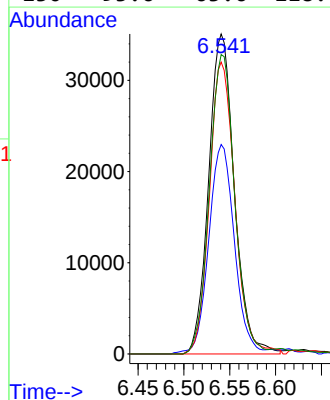
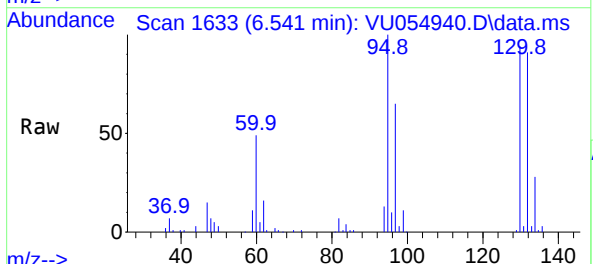
Delta R.T. -0.000 min

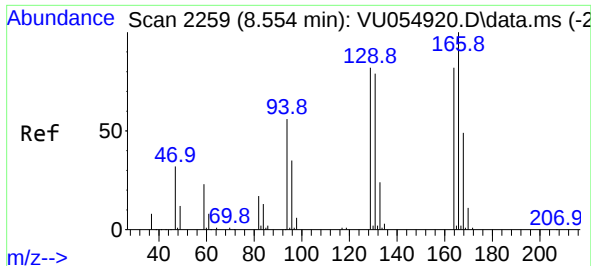
Lab File: VU054940.D

Acq: 28 Aug 2023 21:55

Tgt Ion: 95 Resp: 68327

Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.1	81.9
132	91.2	63.6	118.2
130	93.6	63.6	118.0



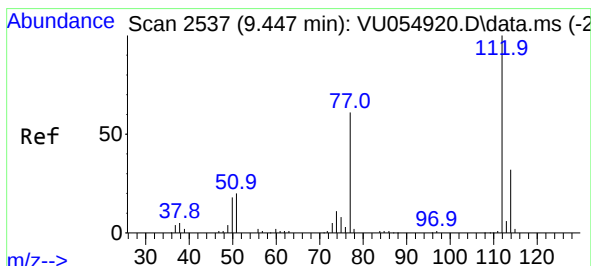
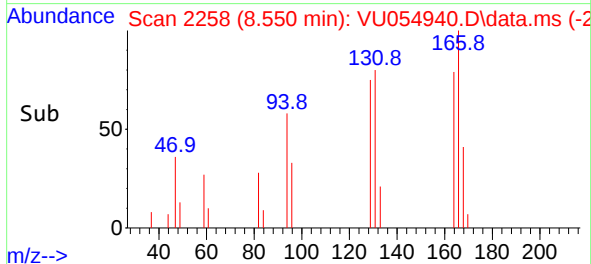
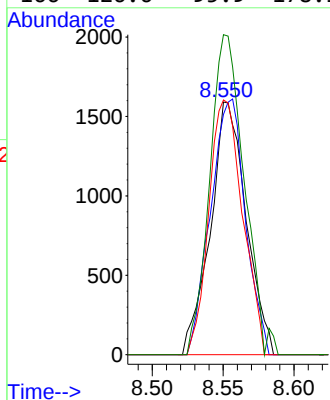
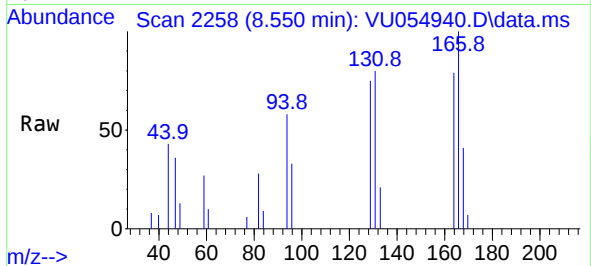


#47
Tetrachloroethene
Concen: 0.341 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054940.D
Acq: 28 Aug 2023 21:55

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 2789

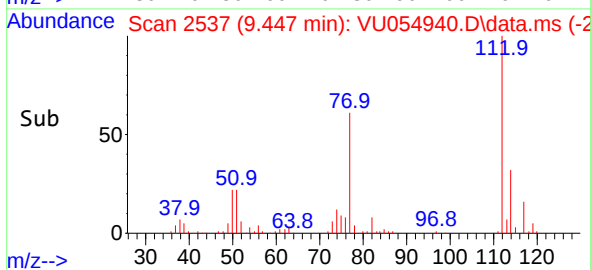
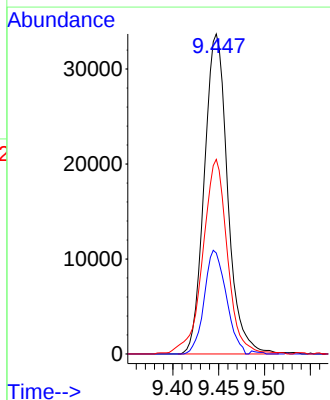
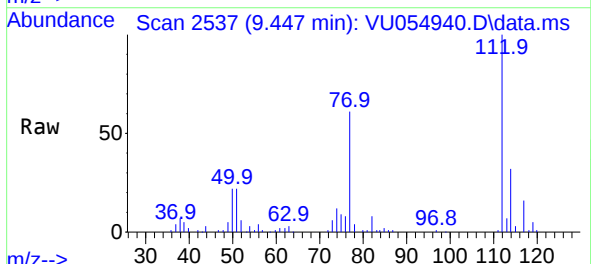
Ion	Ratio	Lower	Upper
164	100		
129	95.1	72.8	135.2
131	100.8	70.7	131.3
166	126.6	95.9	178.1

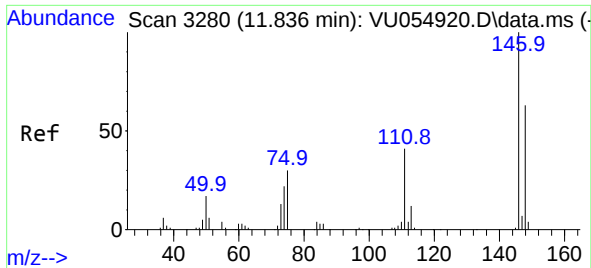


#51
Chlorobenzene
Concen: 2.013 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. -0.000 min
Lab File: VU054940.D
Acq: 28 Aug 2023 21:55

Tgt Ion:112 Resp: 59766

Ion	Ratio	Lower	Upper
112	100		
114	31.5	23.4	43.4
77	60.8	49.3	73.9





#65

1,4-Dichlorobenzene

Concen: 0.415 ug/L

RT: 11.836 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054940.D

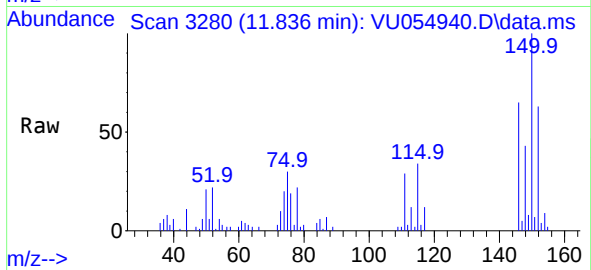
Acq: 28 Aug 2023 21:55

Instrument :

MSVOA_U

ClientSampleId :

C0AM1



Tgt Ion:146 Resp: 9377

Ion Ratio Lower Upper

146 100

111 44.4 29.9 55.5

148 67.0 44.7 83.1

