

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054937.D
 Acq On : 28 Aug 2023 20:41
 Operator : MD/SY
 Sample : 04173-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL8

Quant Time: Aug 29 05:02:33 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)

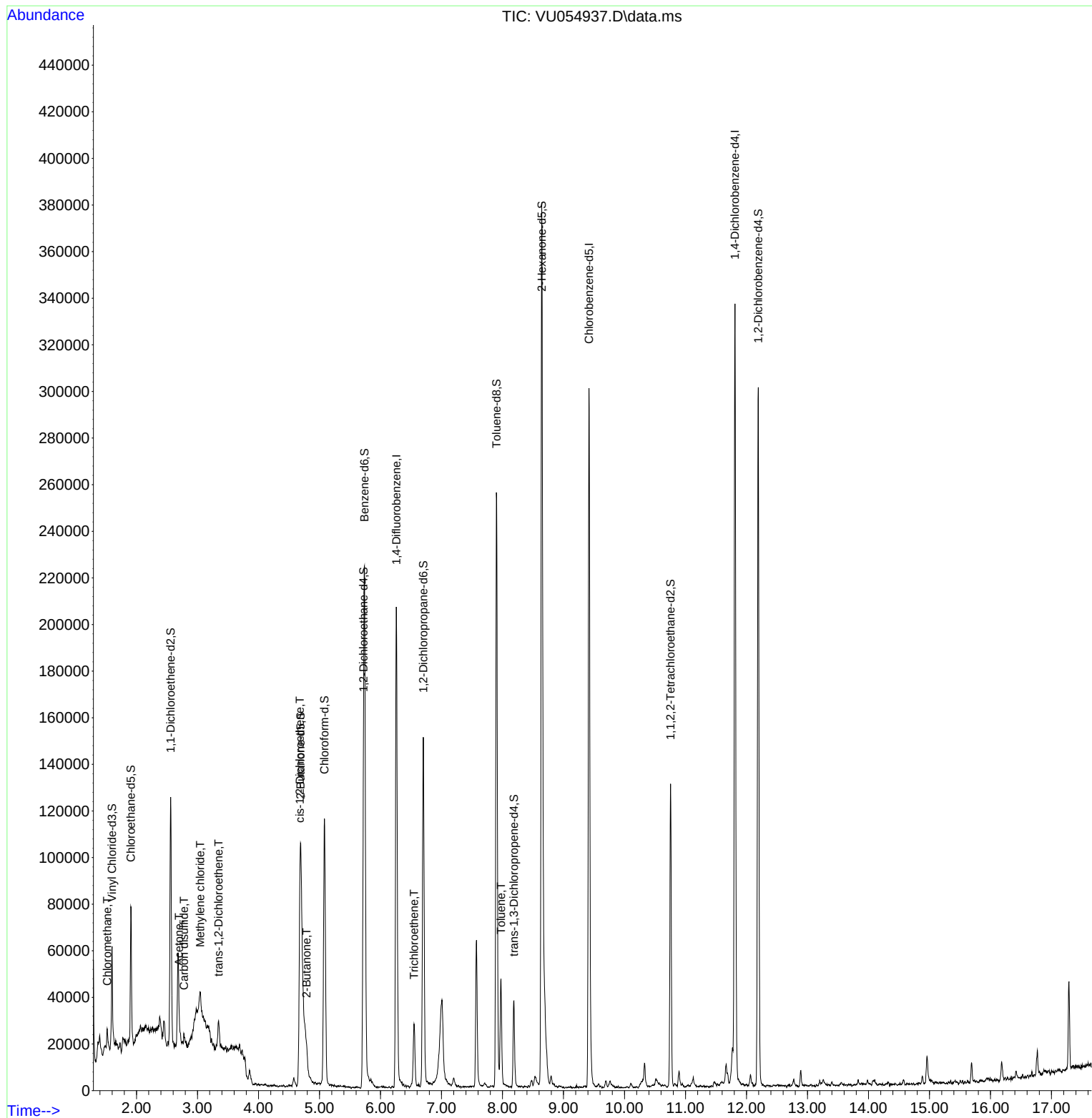
Internal Standards						
1) 1,4-Difluorobenzene	6.261	114	161830	5.000	ug/L	0.01
28) Chlorobenzene-d5	9.418	117	160374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	81372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	29443	5.765	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	115.200%	
7) Chloroethane-d5	1.907	69	38372	5.815	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	116.400%	
11) 1,1-Dichloroethene-d2	2.560	65	20816	7.211	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	144.200%#	
20) 2-Butanone-d5	4.692	46	177042	64.214	ug/L	0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.420%	
24) Chloroform-d	5.081	84	100423	5.300	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.721	65	57280	5.681	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.600%	
32) Benzene-d6	5.737	84	184988	5.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	6.701	67	69176	5.456	ug/L	0.01
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.200%	
41) Toluene-d8	7.901	98	171411	4.965	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
43) trans-1,3-Dichloroprop...	8.187	79	20079	4.812	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.644	63	122119	61.663	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	123.320%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	61513	5.658	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	71911	5.535	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.600%	
Target Compounds						Qvalue
3) Chloromethane	1.522	50	5437	0.520	ug/L	93
13) Acetone	2.698	43	14198	9.527	ug/L	94
14) Carbon disulfide	2.779	76	6398	0.316	ug/L #	86
16) Methylene chloride	3.042	84	3507	0.312	ug/L	86
18) trans-1,2-Dichloroethene	3.345	96	4039	0.506	ug/L	94
21) 2-Butanone	4.785	43	27828	12.186	ug/L	93
22) cis-1,2-Dichloroethene	4.679	96	12083	1.269	ug/L	89
34) Trichloroethene	6.550	95	9048	0.863	ug/L	95
42) Toluene	7.975	91	31875	0.759	ug/L	95

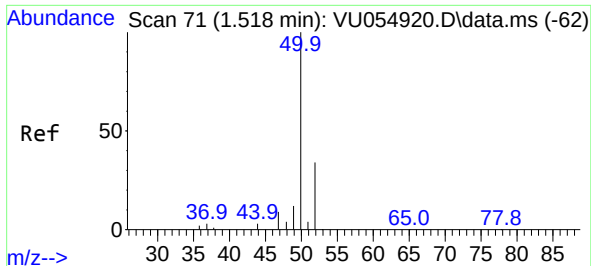
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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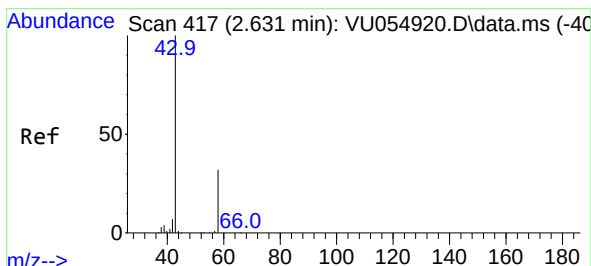
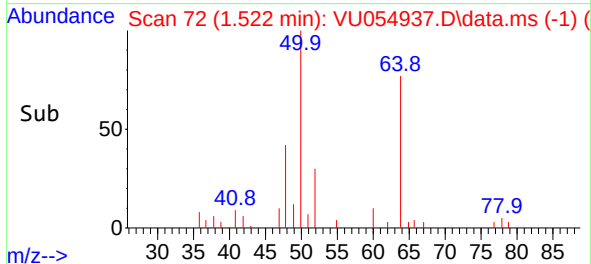
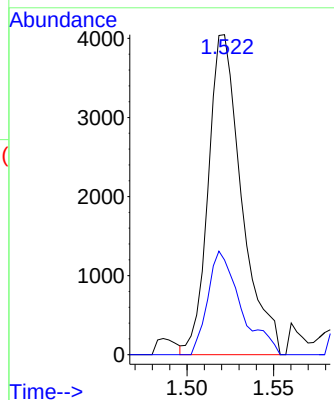
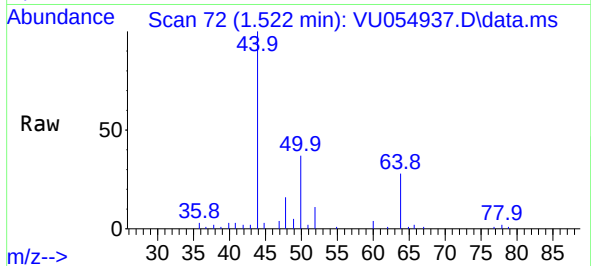




#3
Chloromethane
Concen: 0.520 ug/L
RT: 1.522 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU054937.D
Acq: 28 Aug 2023 20:41

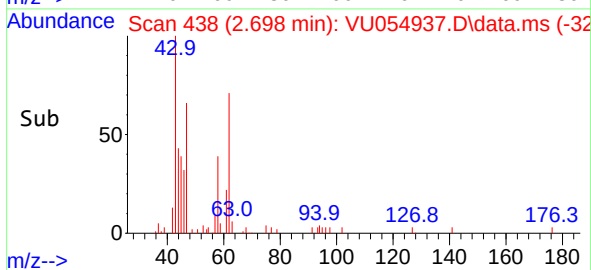
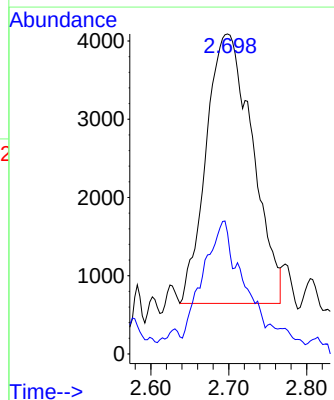
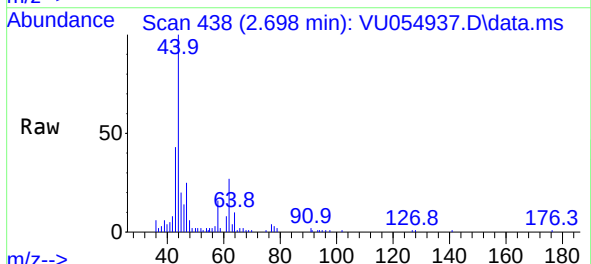
Instrument :
MSVOA_U
ClientSampleId :
COAL8

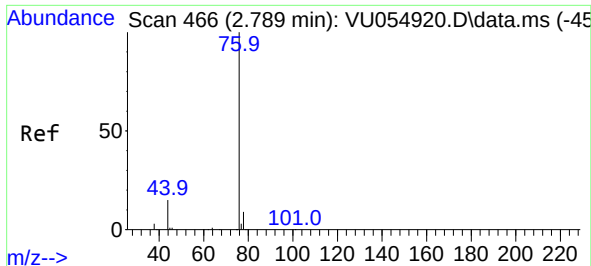
Tgt Ion: 50 Resp: 5437
Ion Ratio Lower Upper
50 100
52 29.6 23.4 43.6



#13
Acetone
Concen: 9.527 ug/L
RT: 2.698 min Scan# 438
Delta R.T. 0.067 min
Lab File: VU054937.D
Acq: 28 Aug 2023 20:41

Tgt Ion: 43 Resp: 14198
Ion Ratio Lower Upper
43 100
58 35.5 0.0 64.4

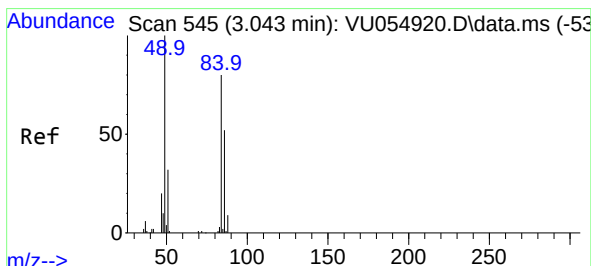
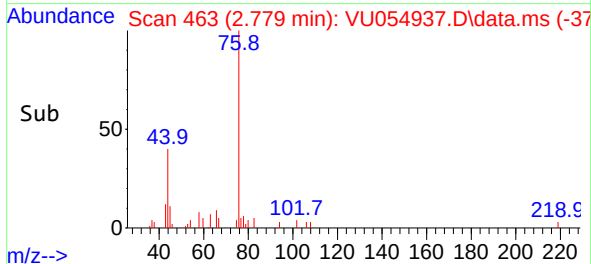
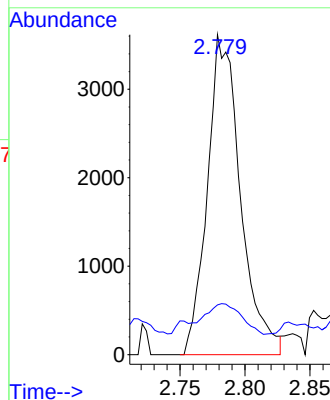
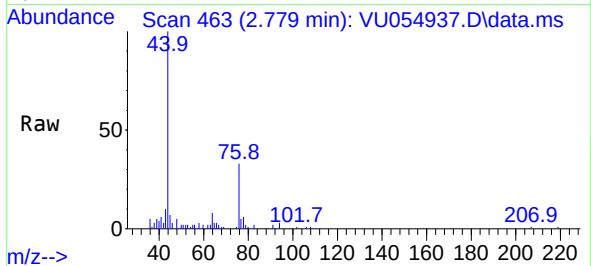




#14
Carbon disulfide
Concen: 0.316 ug/L
RT: 2.779 min Scan# 463
Delta R.T. -0.010 min
Lab File: VU054937.D
Acq: 28 Aug 2023 20:41

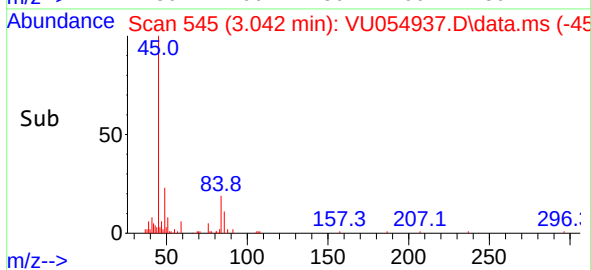
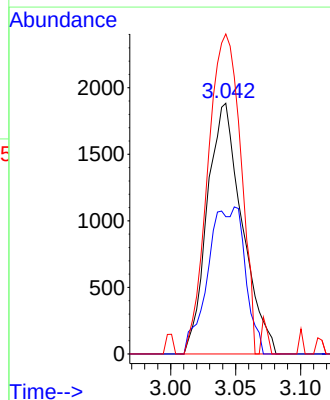
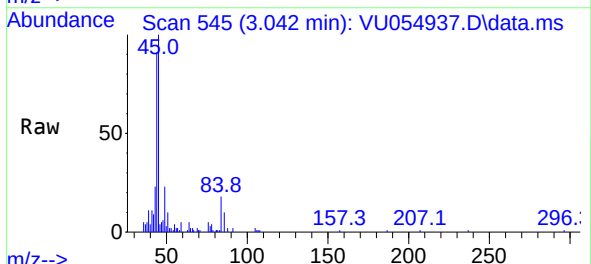
Instrument :
MSVOA_U
ClientSampleId :
COAL8

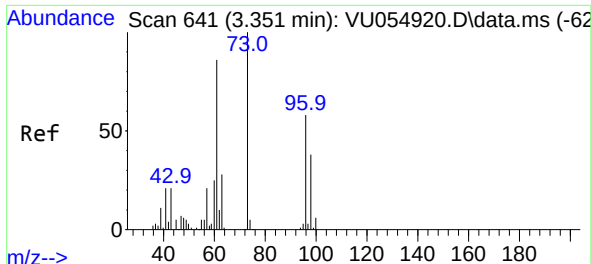
Tgt Ion: 76 Resp: 6398
Ion Ratio Lower Upper
76 100
78 15.6 8.2 12.2#



#16
Methylene chloride
Concen: 0.312 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054937.D
Acq: 28 Aug 2023 20:41

Tgt Ion: 84 Resp: 3507
Ion Ratio Lower Upper
84 100
86 54.8 45.1 83.7
49 145.0 89.5 166.3

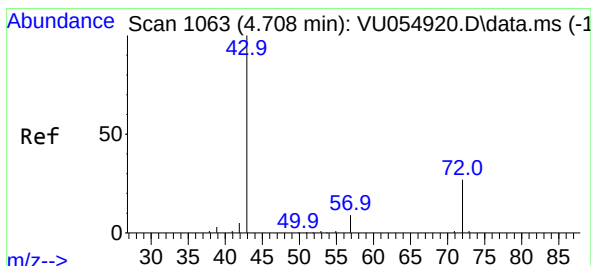
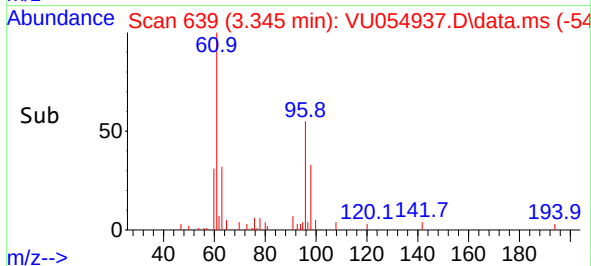
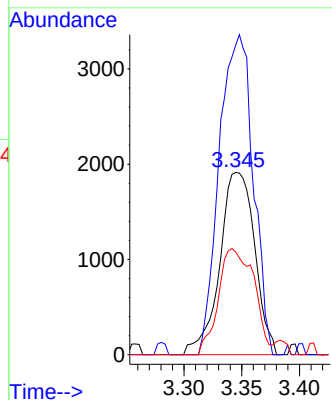
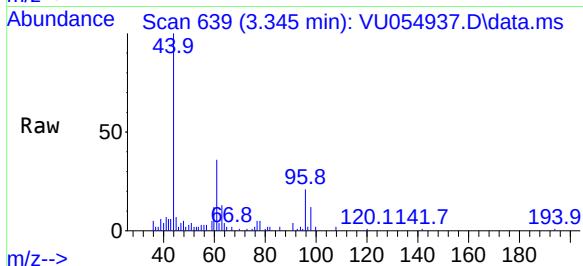




#18
trans-1,2-Dichloroethene
Concen: 0.506 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU054937.D
Acq: 28 Aug 2023 20:41

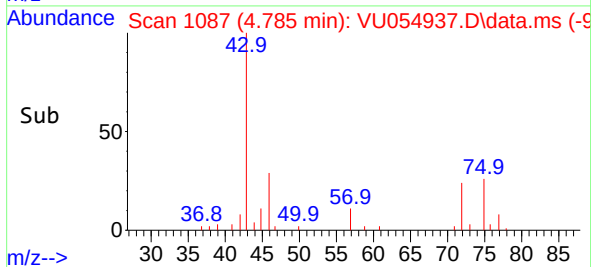
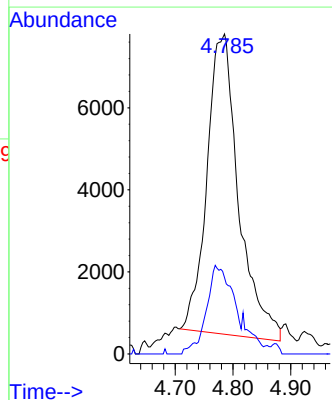
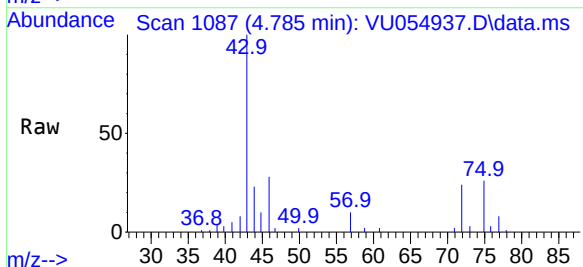
Instrument :
MSVOA_U
ClientSampleId :
COAL8

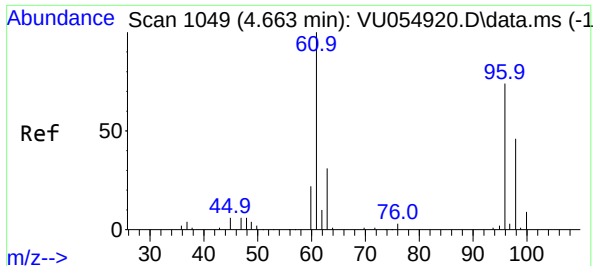
Tgt Ion: 96 Resp: 4039
Ion Ratio Lower Upper
96 100
61 157.9 108.8 202.0
98 52.5 45.8 85.2



#21
2-Butanone
Concen: 12.186 ug/L
RT: 4.785 min Scan# 1087
Delta R.T. 0.077 min
Lab File: VU054937.D
Acq: 28 Aug 2023 20:41

Tgt Ion: 43 Resp: 27828
Ion Ratio Lower Upper
43 100
72 24.3 14.1 42.3



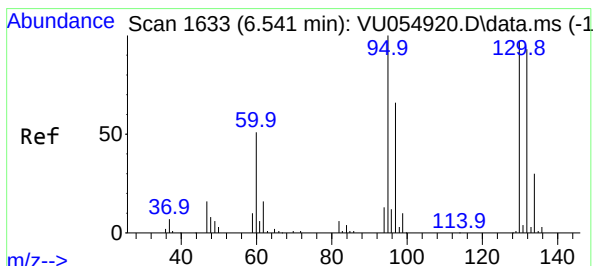
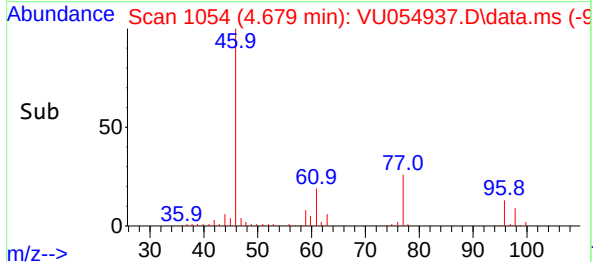
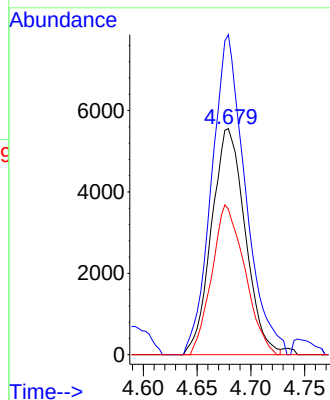
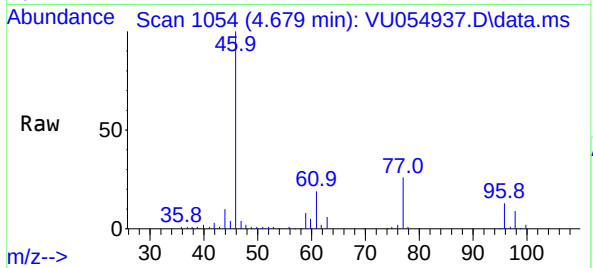


#22
cis-1,2-Dichloroethene
Concen: 1.269 ug/L
RT: 4.679 min Scan# 1049
Delta R.T. 0.016 min
Lab File: VU054937.D
Acq: 28 Aug 2023 20:41

Instrument :
MSVOA_U
ClientSampleId :
COAL8

Tgt Ion: 96 Resp: 12083

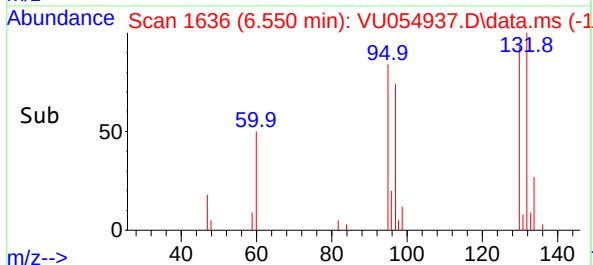
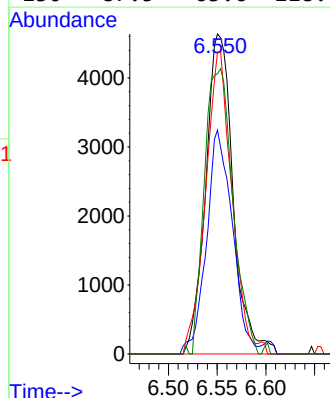
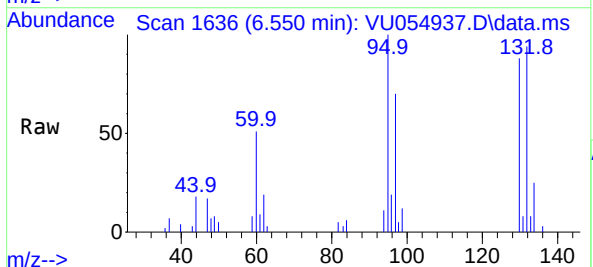
Ion	Ratio	Lower	Upper
96	100		
61	141.6	88.4	164.2
98	67.1	44.0	81.6

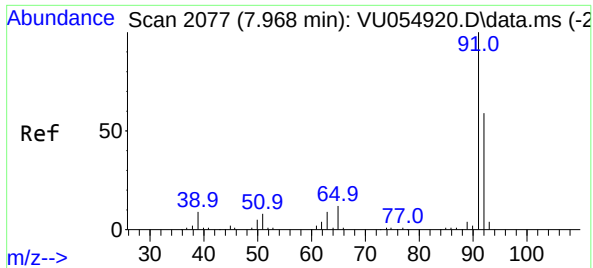


#34
Trichloroethene
Concen: 0.863 ug/L
RT: 6.550 min Scan# 1636
Delta R.T. 0.010 min
Lab File: VU054937.D
Acq: 28 Aug 2023 20:41

Tgt Ion: 95 Resp: 9048

Ion	Ratio	Lower	Upper
95	100		
97	69.9	44.1	81.9
132	94.4	63.6	118.2
130	87.5	63.6	118.0





#42
Toluene
Concen: 0.759 ug/L
RT: 7.975 min Scan# 20
Delta R.T. 0.006 min
Lab File: VU054937.D
Acq: 28 Aug 2023 20:41

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 91 Resp: 31875
Ion Ratio Lower Upper
91 100
92 55.1 41.2 76.4

