

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060187.D
 Acq On : 25 Jul 2024 21:30
 Operator : MD/SY
 Sample : P3335-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E20L0

Quant Time: Jul 26 02:44:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 02:39:04 2024
 Response via : Initial Calibration

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

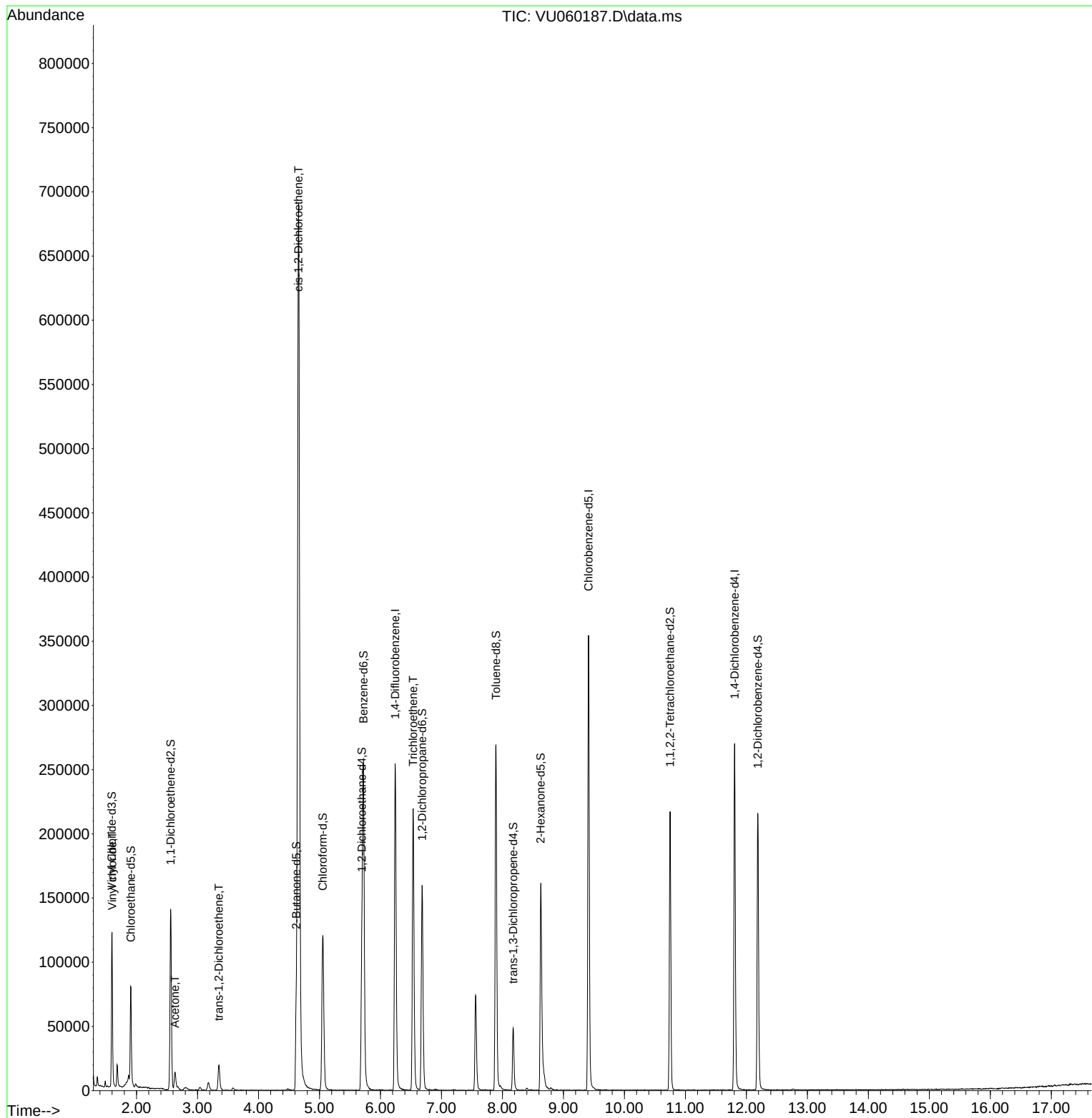
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214515	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	209679	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76623	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	72338	52.520	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	105.040%	
7) Chloroethane-d5	1.907	69	58802	50.756	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	101.520%	
11) 1,1-Dichloroethene-d2	2.560	63	84415	34.499	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	69.000%	
21) 2-Butanone-d5	4.621	46	100875	105.387	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	105.390%	
24) Chloroform-d	5.055	84	118894	44.576	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.160%	
26) 1,2-Dichloroethane-d4	5.695	65	73948	46.628	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.260%	
32) Benzene-d6	5.721	84	244642	45.563	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.120%	
36) 1,2-Dichloropropane-d6	6.682	67	83288	50.120	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	100.240%	
41) Toluene-d8	7.894	98	189894	37.190	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	74.380%#	
43) trans-1,3-Dichloroprop...	8.177	79	30272	38.930	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	77.860%	
47) 2-Hexanone-d5	8.627	63	55627	79.429	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	79.430%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	116745	45.771	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	91.540%	
66) 1,2-Dichlorobenzene-d4	12.187	152	61446	43.640	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.280%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	19589	12.764	ug/L	97
13) Acetone	2.631	43	18918	19.193	ug/L	99
17) trans-1,2-Dichloroethene	3.351	96	8724	6.662	ug/L	89
20) cis-1,2-Dichloroethene	4.656	96	380589	240.026	ug/L	97
34) Trichloroethene	6.534	95	80036	52.969	ug/L	95

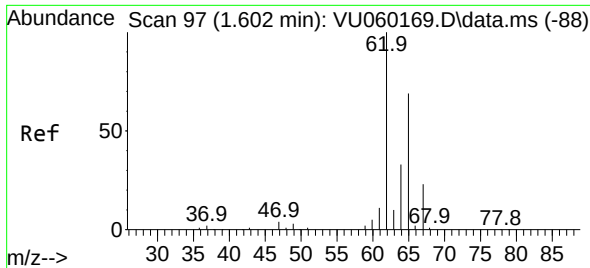
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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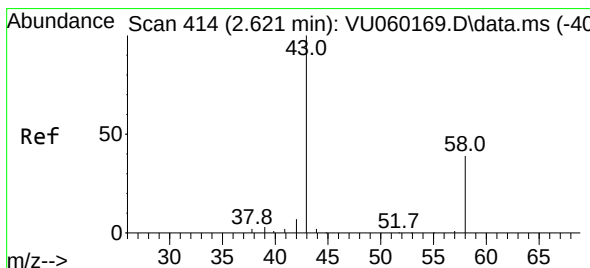
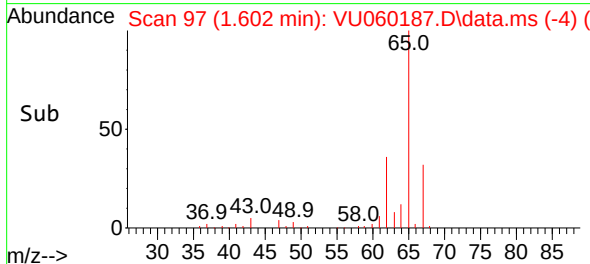
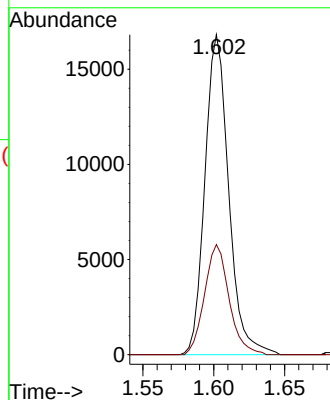
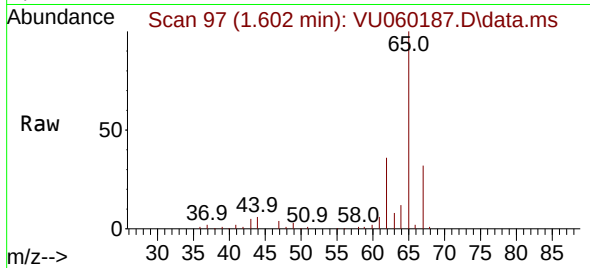




#5
Vinyl chloride
Concen: 12.764 ug/L
RT: 1.602 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU060187.D
Acq: 25 Jul 2024 21:30

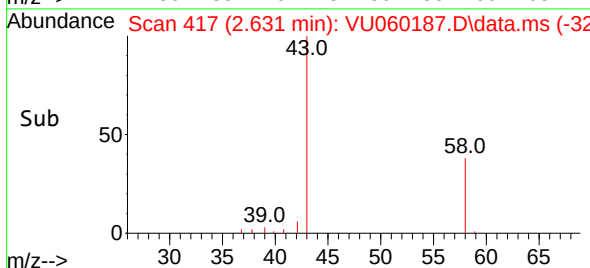
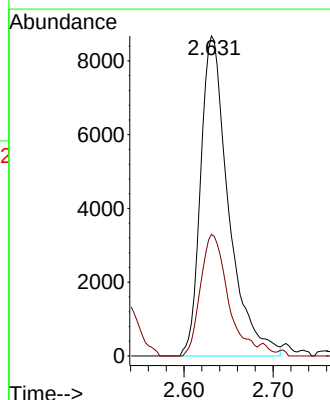
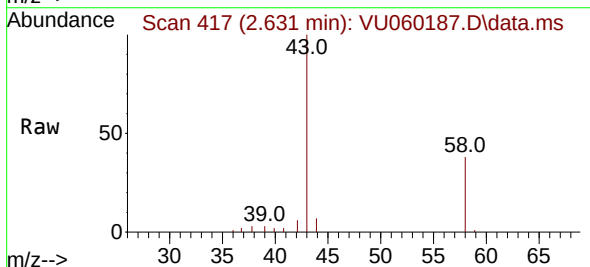
Instrument :
MSVOA_U
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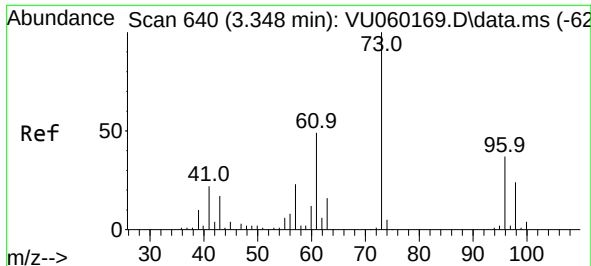
Tgt Ion	Ratio	Lower	Upper
62	100		
64	34.4	22.9	42.5



#13
Acetone
Concen: 19.193 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.009 min
Lab File: VU060187.D
Acq: 25 Jul 2024 21:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.3	0.0	73.8

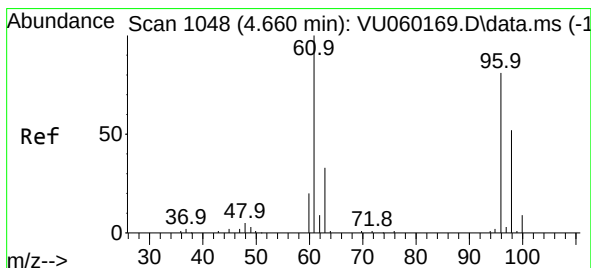
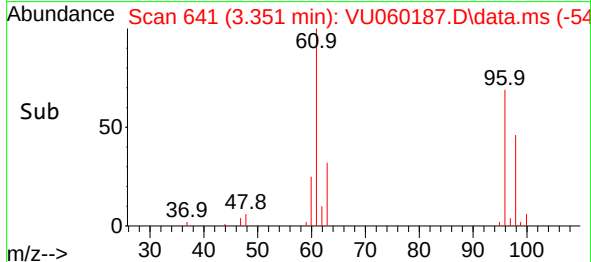
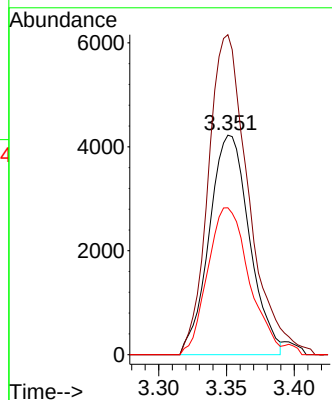
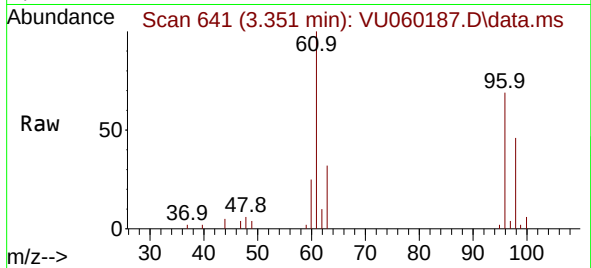




#17
 trans-1,2-Dichloroethene
 Concen: 6.662 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.003 min
 Lab File: VU060187.D
 Acq: 25 Jul 2024 21:30

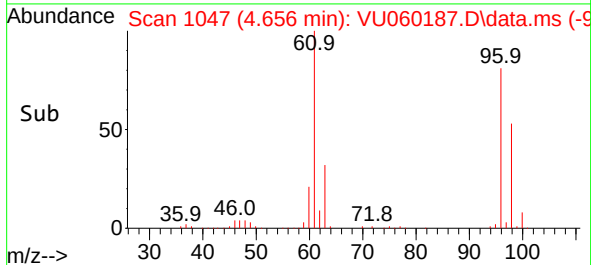
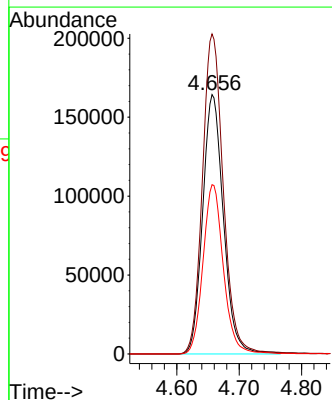
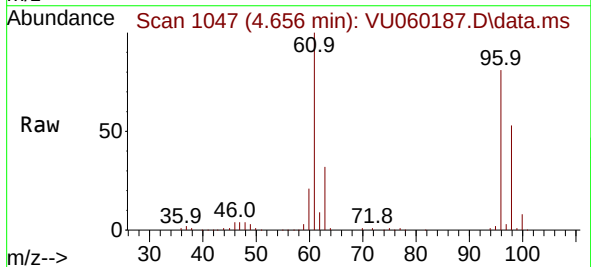
Instrument :
 MSVOA_U
 ClientSampleId :
 E20L0

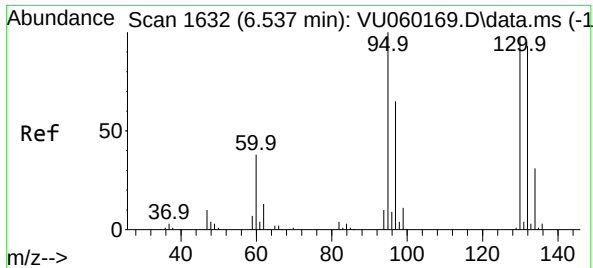
Tgt Ion: 96 Resp: 8724
 Ion Ratio Lower Upper
 96 100
 61 145.8 90.6 168.3
 98 66.9 44.9 83.3



#20
 cis-1,2-Dichloroethene
 Concen: 240.026 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060187.D
 Acq: 25 Jul 2024 21:30

Tgt Ion: 96 Resp: 380589
 Ion Ratio Lower Upper
 96 100
 61 123.4 83.2 154.4
 98 65.3 45.9 85.3





#34
 Trichloroethene
 Concen: 52.969 ug/L
 RT: 6.534 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU060187.D
 Acq: 25 Jul 2024 21:30

Instrument :
 MSVOA_U
 ClientSampleId :
 E20L0

Tgt Ion: 95	Resp: 80036
Ion Ratio	Lower Upper
95	100
97	62.8 45.8 85.2
132	91.2 69.8 129.6
130	97.9 70.8 131.6

