

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060180.D
 Acq On : 25 Jul 2024 18:43
 Operator : MD/SY
 Sample : P3335-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E20K5

Quant Time: Jul 26 02:42:51 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)

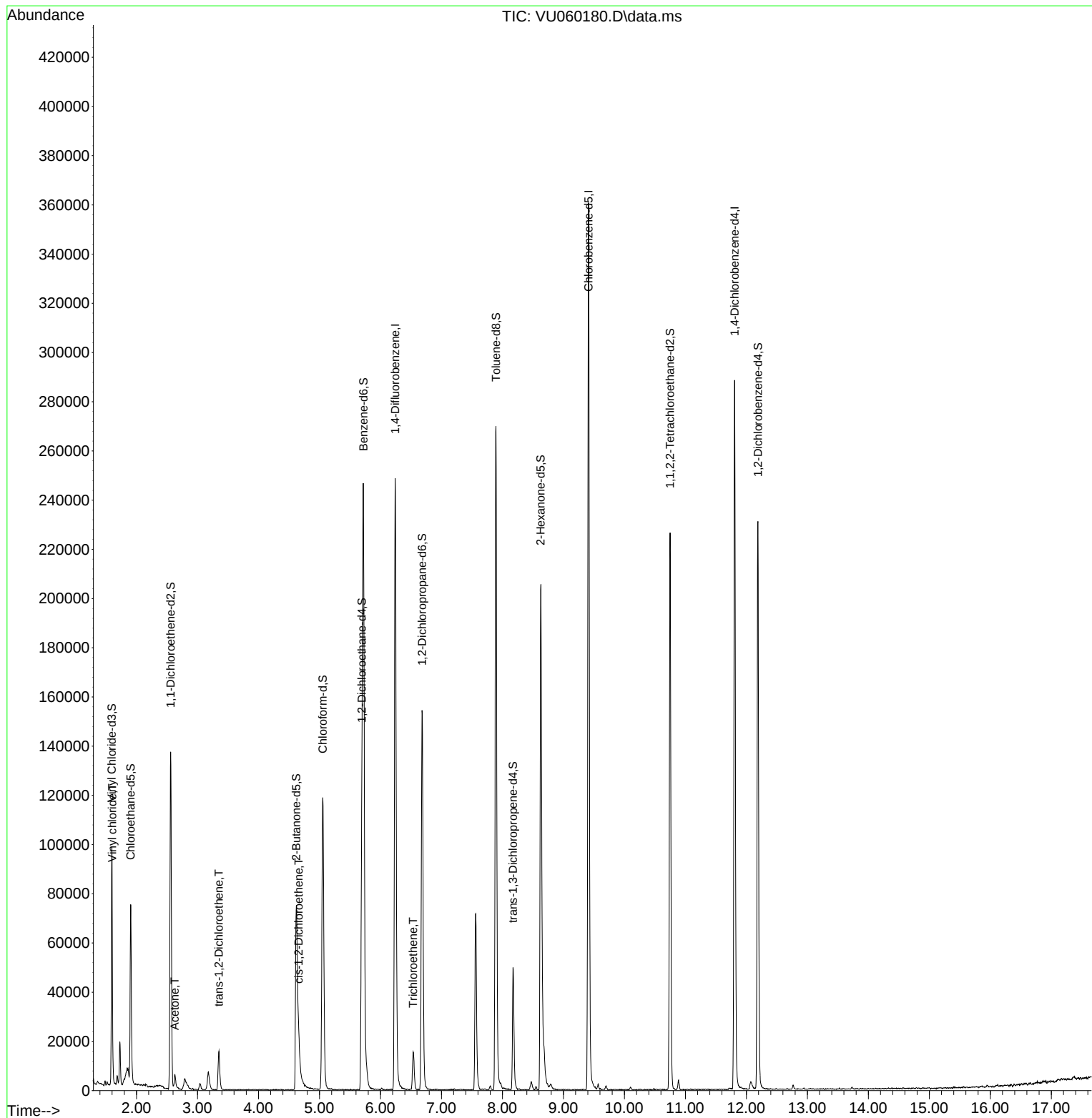
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	209400	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215636	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81705	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	71462	53.152	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	106.300%	
7) Chloroethane-d5	1.904	69	56238	49.729	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	99.460%	
11) 1,1-Dichloroethene-d2	2.560	63	82990	34.745	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	69.480%	
21) 2-Butanone-d5	4.621	46	118717	127.056	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	127.060%	
24) Chloroform-d	5.055	84	117066	44.962	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.920%	
26) 1,2-Dichloroethane-d4	5.695	65	72384	46.757	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.520%	
32) Benzene-d6	5.721	84	237877	43.080	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	86.160%	
36) 1,2-Dichloropropane-d6	6.682	67	81851	47.894	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	95.780%	
41) Toluene-d8	7.894	98	191430	36.455	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	72.920%#	
43) trans-1,3-Dichloroprop...	8.174	79	30843	38.568	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	77.140%	
47) 2-Hexanone-d5	8.627	63	69786	96.893	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	96.890%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	121033	46.142	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	92.280%	
66) 1,2-Dichlorobenzene-d4	12.190	152	65707	43.764	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.520%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	2598	1.734	ug/L #	63
13) Acetone	2.628	43	7071	7.349	ug/L	94
17) trans-1,2-Dichloroethene	3.351	96	6989	5.468	ug/L	92
20) cis-1,2-Dichloroethene	4.660	96	3175	2.051	ug/L	87
34) Trichloroethene	6.537	95	5483	3.528	ug/L	82

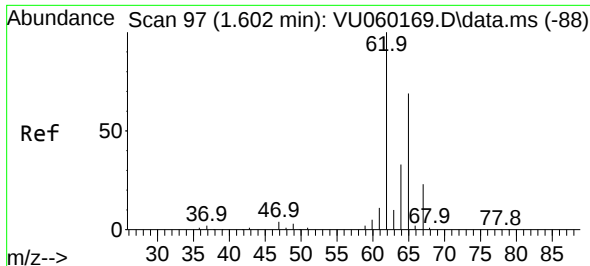
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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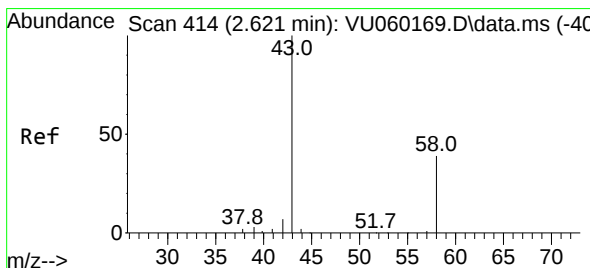
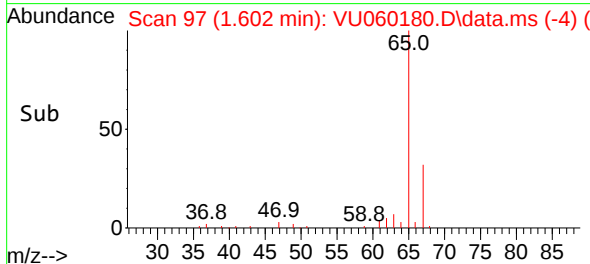
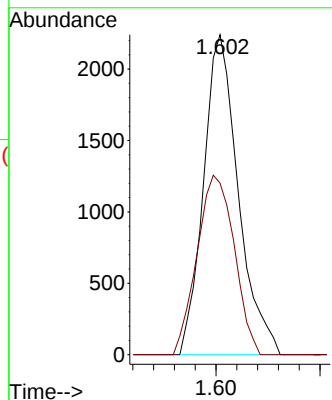
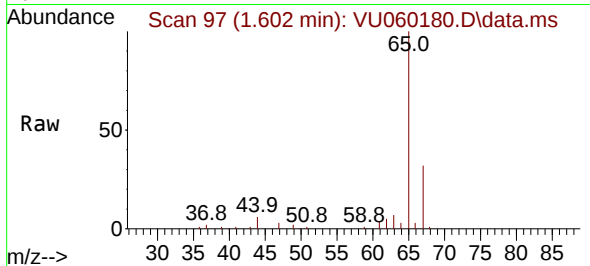




#5
Vinyl chloride
Concen: 1.734 ug/L
RT: 1.602 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU060180.D
Acq: 25 Jul 2024 18:43

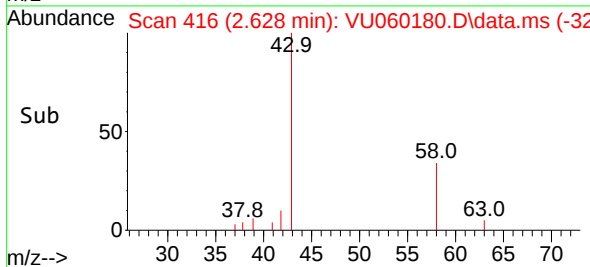
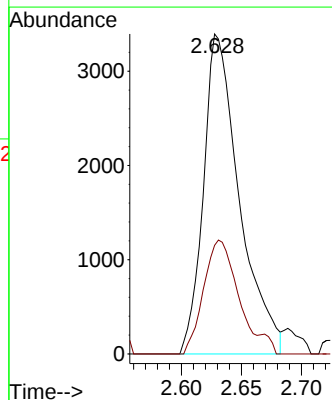
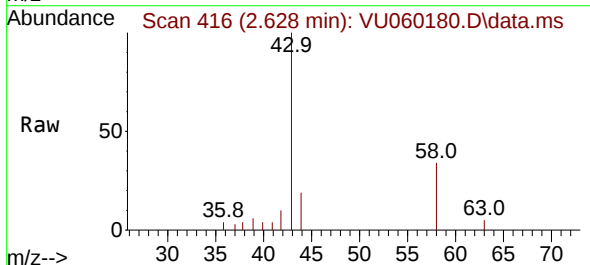
Instrument :
MSVOA_U
ClientSampleId :
E20K5

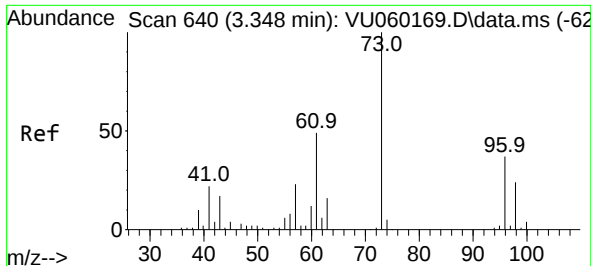
Tgt Ion: 62 Resp: 2598
Ion Ratio Lower Upper
62 100
64 53.6 22.9 42.5#



#13
Acetone
Concen: 7.349 ug/L
RT: 2.628 min Scan# 416
Delta R.T. 0.006 min
Lab File: VU060180.D
Acq: 25 Jul 2024 18:43

Tgt Ion: 43 Resp: 7071
Ion Ratio Lower Upper
43 100
58 33.3 0.0 73.8

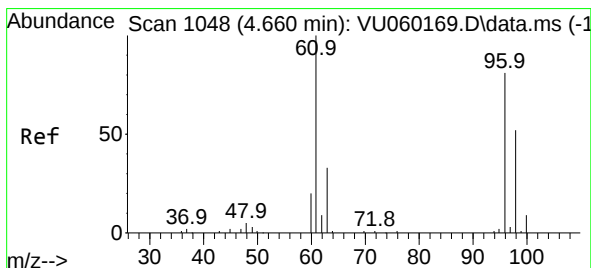
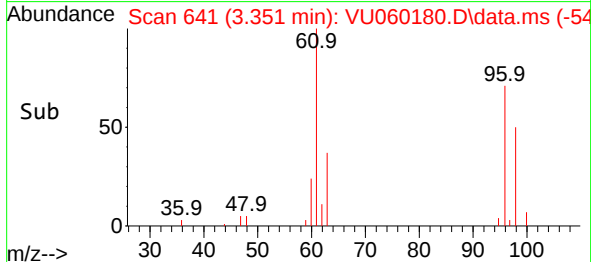
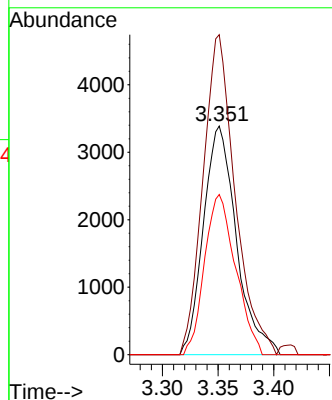
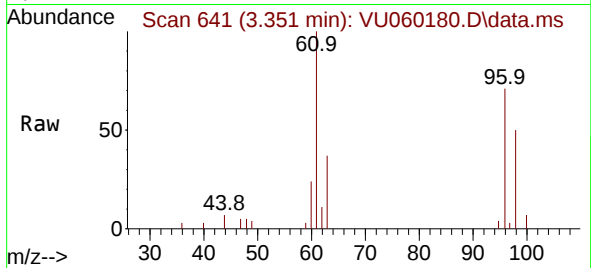




#17
trans-1,2-Dichloroethene
Concen: 5.468 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060180.D
Acq: 25 Jul 2024 18:43

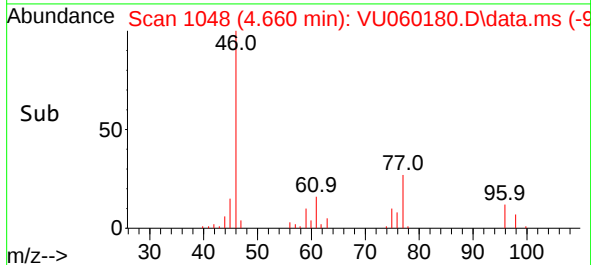
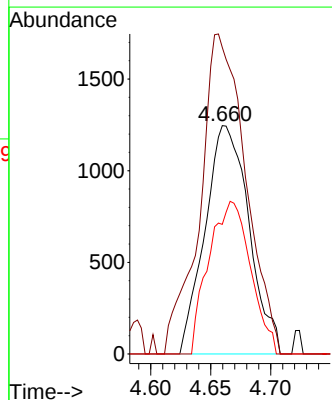
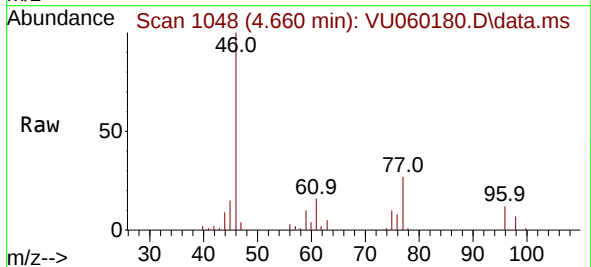
Instrument :
MSVOA_U
ClientSampleId :
E20K5

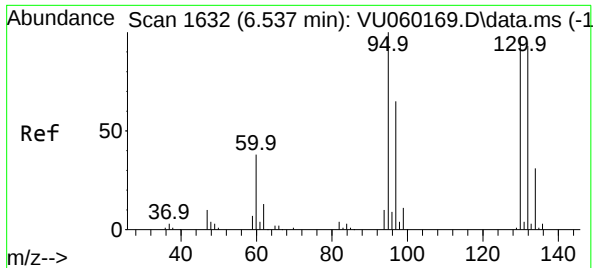
Tgt Ion: 96 Resp: 6989
Ion Ratio Lower Upper
96 100
61 139.9 90.6 168.3
98 70.0 44.9 83.3



#20
cis-1,2-Dichloroethene
Concen: 2.051 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060180.D
Acq: 25 Jul 2024 18:43

Tgt Ion: 96 Resp: 3175
Ion Ratio Lower Upper
96 100
61 134.3 83.2 154.4
98 56.7 45.9 85.3





#34
 Trichloroethene
 Concen: 3.528 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU060180.D
 Acq: 25 Jul 2024 18:43

Instrument :
 MSVOA_U
 ClientSampleId :
 E20K5

Tgt Ion: 95 Resp: 5483

Ion	Ratio	Lower	Upper
95	100		
97	49.8	45.8	85.2
132	76.5	69.8	129.6
130	88.7	70.8	131.6

