

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092624\
 Data File : VU061016.D
 Acq On : 26 Sep 2024 13:27
 Operator : MD/SY
 Sample : P4186-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY056

Quant Time: Sep 27 04:52:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 27 04:49:19 2024
 Response via : Initial Calibration

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

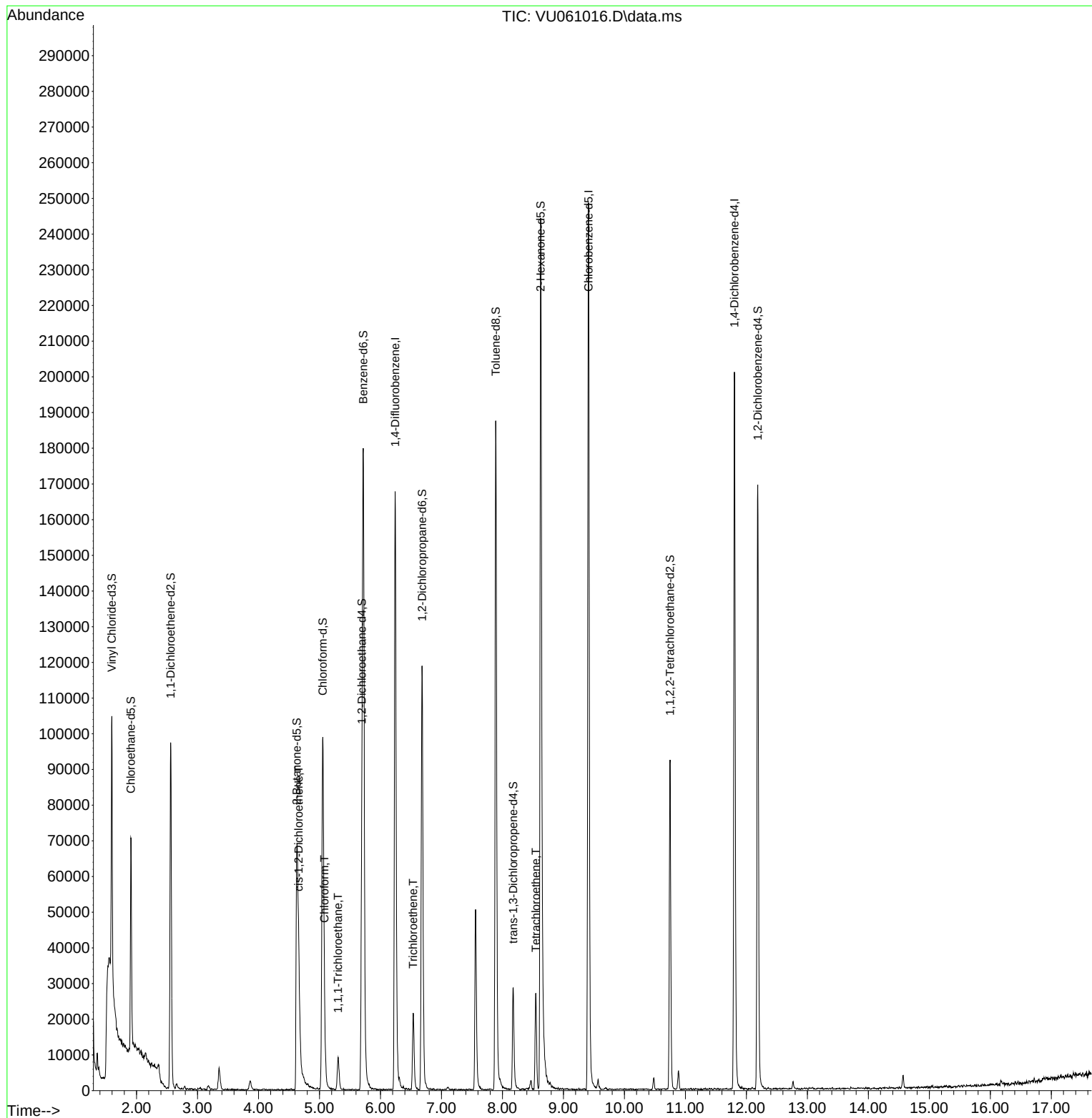
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139529	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50818	4.049	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.000%	
7) Chloroethane-d5	1.907	69	46206	5.171	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.560	65	18847	4.237	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.800%	
20) 2-Butanone-d5	4.628	46	115525	57.341	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.680%	
24) Chloroform-d	5.052	84	94635	4.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.695	65	47975	5.232	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.718	84	175362	4.283	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	6.682	67	64259	5.073	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.891	98	135450	3.629	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.600%	
43) trans-1,3-Dichloroprop...	8.177	79	19789	4.340	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.627	63	87969	48.908	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.820%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49712	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	47746	4.966	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	9559	0.950	ug/L	96
25) Chloroform	5.081	83	12255	0.644	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	6504	0.394	ug/L	95
34) Trichloroethene	6.537	95	7311	0.664	ug/L	90
47) Tetrachloroethene	8.550	164	6386	0.730	ug/L	94

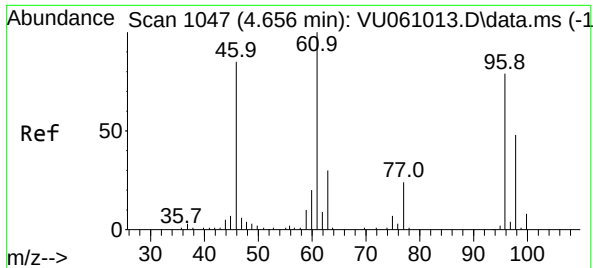
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.950 ug/L

RT: 4.660 min Scan# 110

Delta R.T. 0.003 min

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ClientSampleId :

EY056

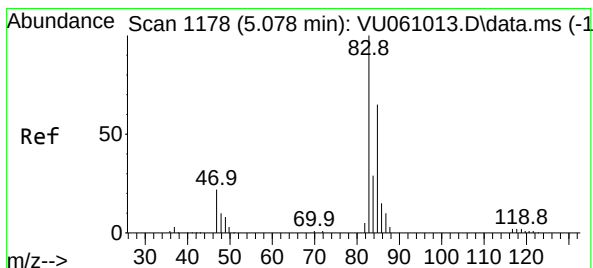
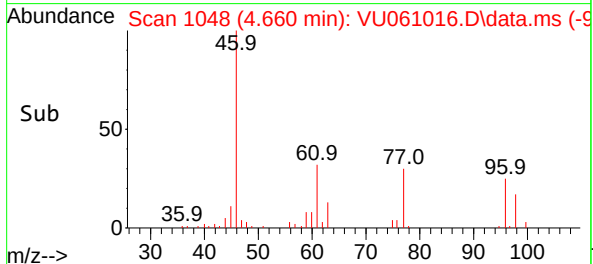
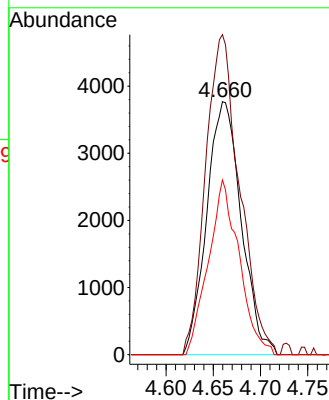
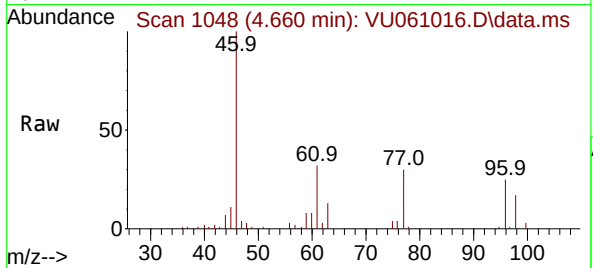
Tgt Ion: 96 Resp: 9559

Ion Ratio Lower Upper

96 100

61 122.1 89.7 166.5

98 66.7 45.1 83.9



#25

Chloroform

Concen: 0.644 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU061016.D

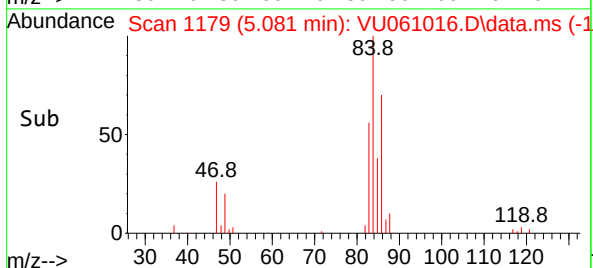
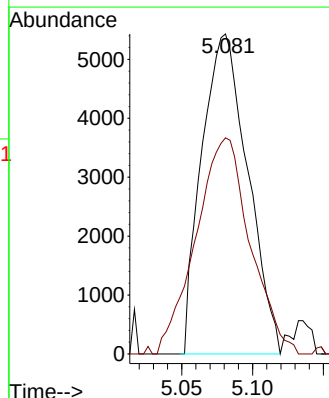
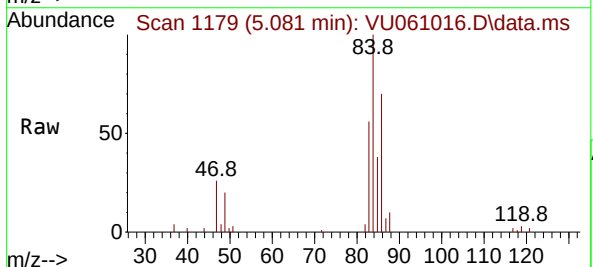
Acq: 26 Sep 2024 13:27

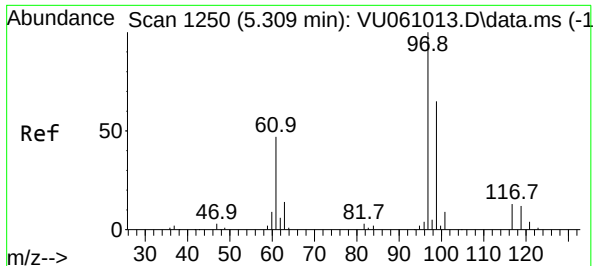
Tgt Ion: 83 Resp: 12255

Ion Ratio Lower Upper

83 100

85 67.5 46.8 86.8

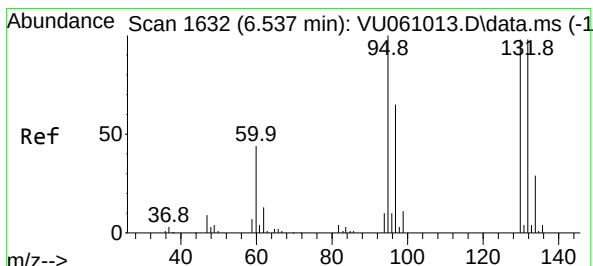
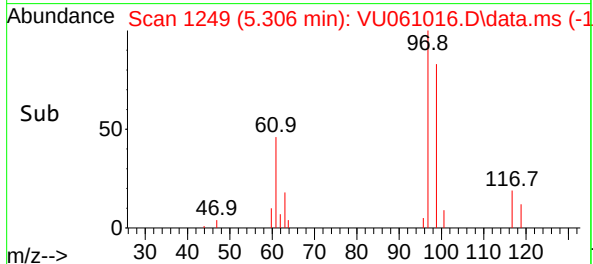
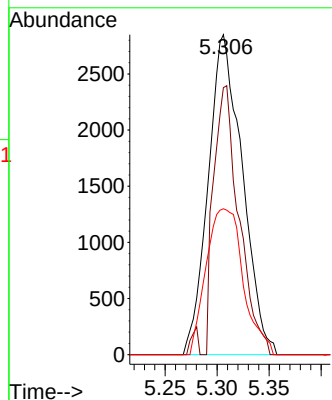
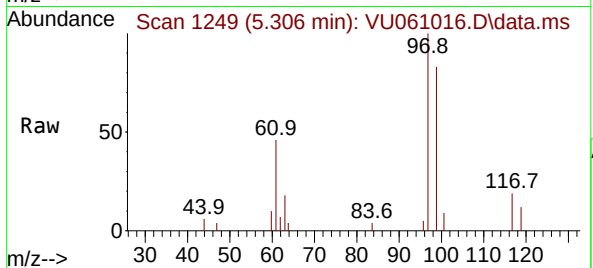




#29
1,1,1-Trichloroethane
Concen: 0.394 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU061016.D
Acq: 26 Sep 2024 13:27

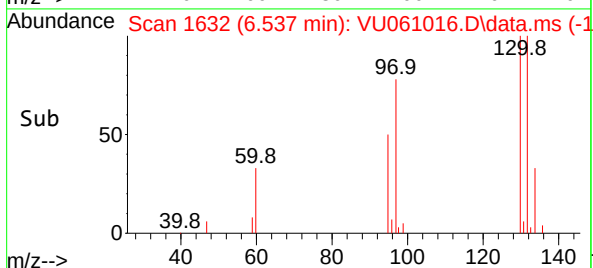
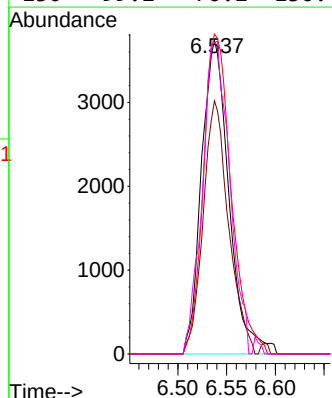
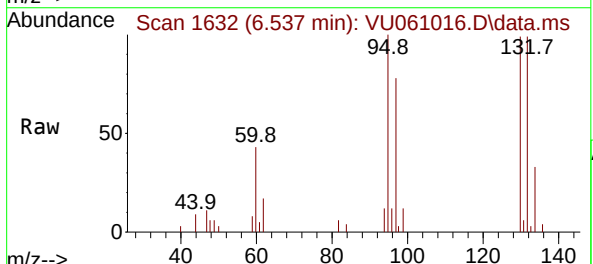
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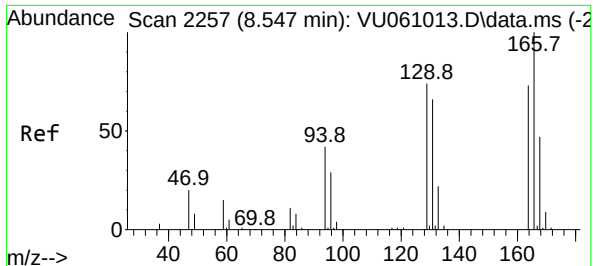
Tgt Ion:	97	Resp:	6504
Ion	Ratio	Lower	Upper
97	100		
99	62.5	50.5	75.7
61	49.5	34.4	51.6



#34
Trichloroethene
Concen: 0.664 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU061016.D
Acq: 26 Sep 2024 13:27

Tgt Ion:	95	Resp:	7311
Ion	Ratio	Lower	Upper
95	100		
97	80.7	44.9	83.5
132	102.0	63.5	117.9
130	99.2	70.2	130.4





#47
 Tetrachloroethene
 Concen: 0.730 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU061016.D
 Acq: 26 Sep 2024 13:27

Instrument :
 MSVOA_U
 ClientSampleId :
 EY056

Tgt Ion:164	Resp:	6386
Ion	Ratio	Lower Upper
164	100	
129	88.5	67.3 124.9
131	85.8	65.4 121.4
166	125.0	89.5 166.1

