

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060928.D
 Acq On : 20 Sep 2024 05:51
 Operator : MD/SY
 Sample : P3952-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B24

Quant Time: Sep 20 06:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

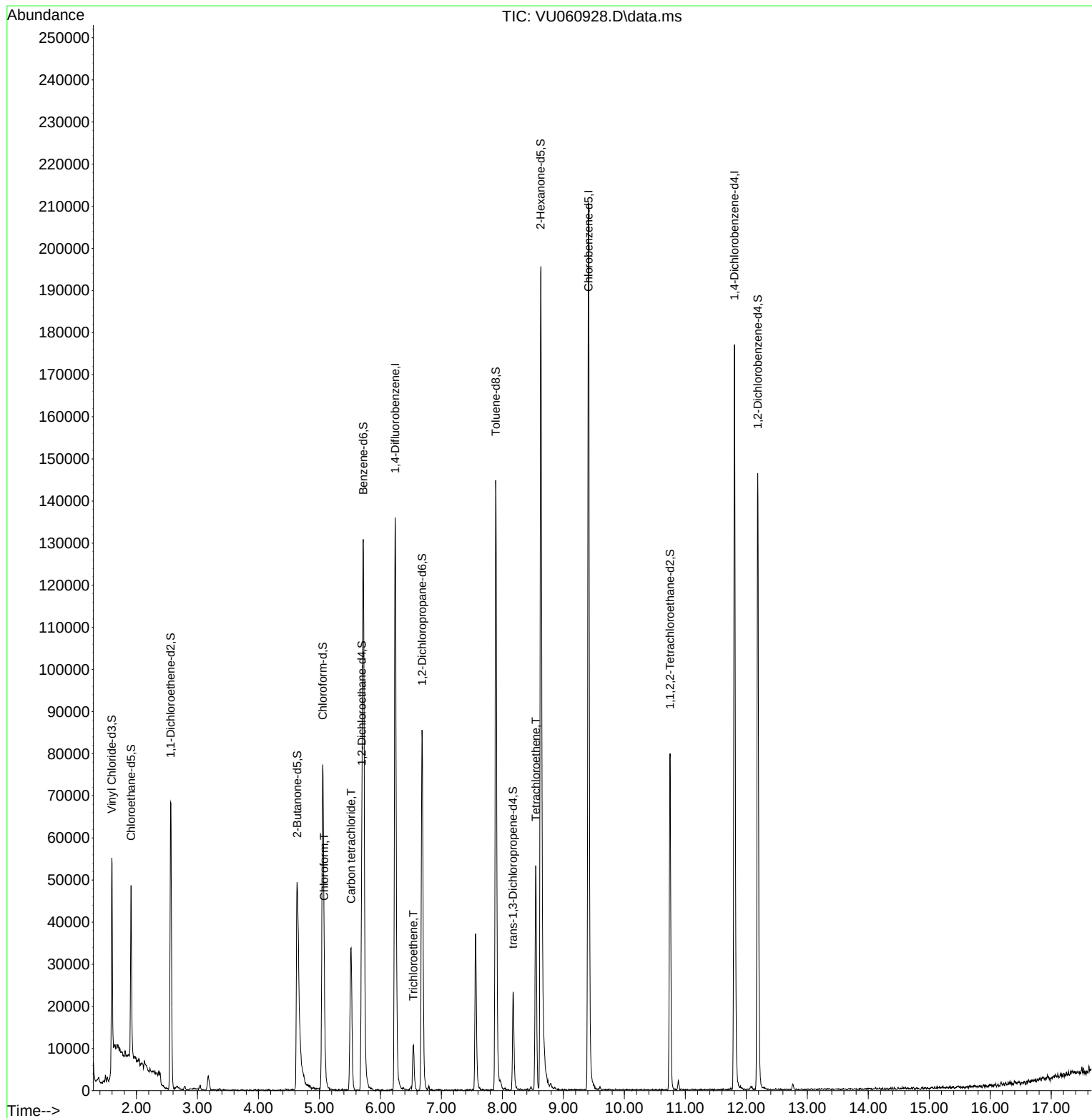
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	122644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	55344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30552	2.770	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.400%
7) Chloroethane-d5	1.911	69	28256	3.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.560	65	12704	3.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	4.634	46	87060	49.162	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.320%
24) Chloroform-d	5.055	84	75989	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	38620	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.718	84	130921	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.682	67	44485	4.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.891	98	108175	3.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
43) trans-1,3-Dichloroprop...	8.174	79	15296	3.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.627	63	71517	45.857	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	39799	4.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	44974	4.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
25) Chloroform	5.078	83	8821	0.527	ug/L	93
31) Carbon tetrachloride	5.518	117	25797	2.038	ug/L	99
34) Trichloroethene	6.541	95	3913	0.410	ug/L	96
47) Tetrachloroethene	8.547	164	13035	1.718	ug/L	96

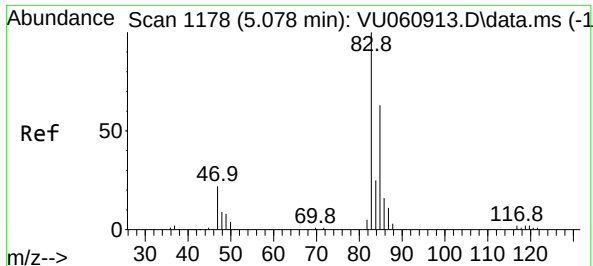
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.527 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

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MSVOA_U

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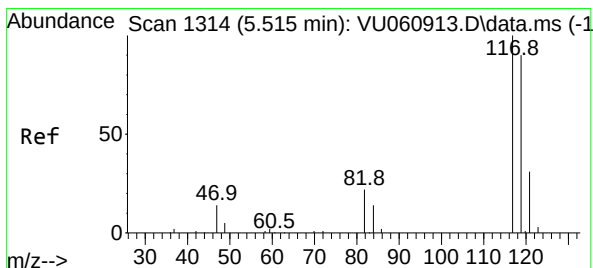
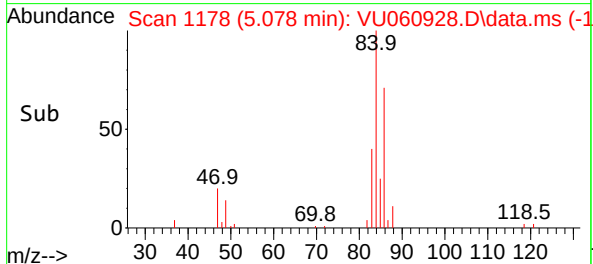
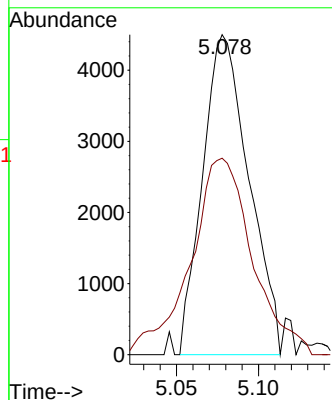
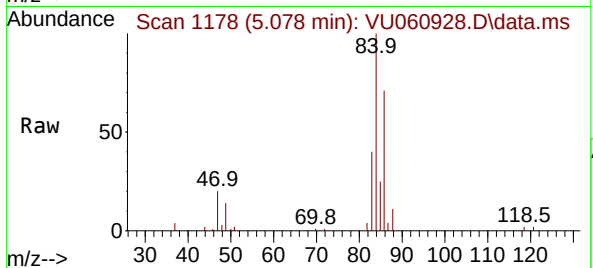
C0B24

Tgt Ion: 83 Resp: 8821

Ion Ratio Lower Upper

83 100

85 61.4 46.8 86.8



#31

Carbon tetrachloride

Concen: 2.038 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.003 min

Lab File: VU060928.D

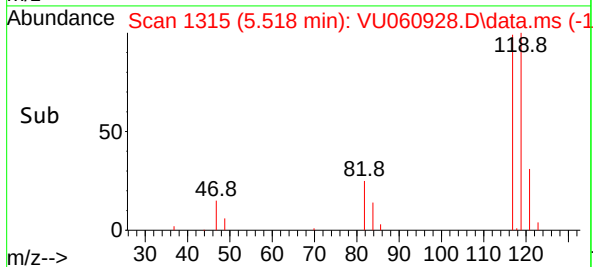
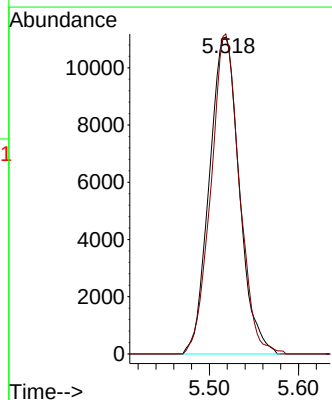
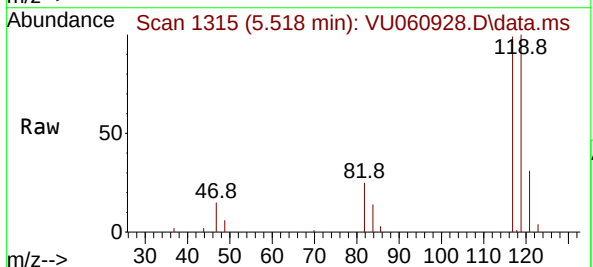
Acq: 20 Sep 2024 05:51

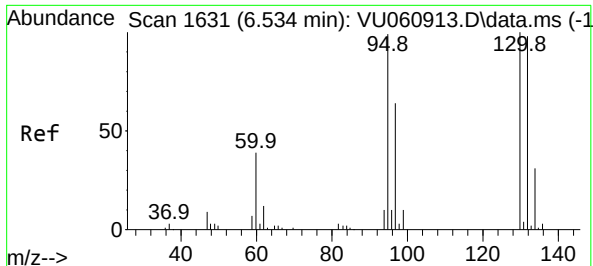
Tgt Ion: 117 Resp: 25797

Ion Ratio Lower Upper

117 100

119 96.2 76.3 114.5





#34

Trichloroethene

Concen: 0.410 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU060928.D

Acq: 20 Sep 2024 05:51

Instrument :

MSVOA_U

ClientSampleId :

C0B24

Tgt Ion: 95 Resp: 3913

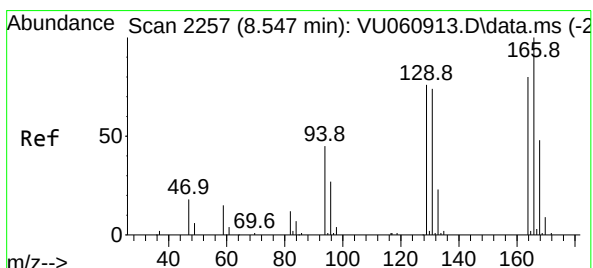
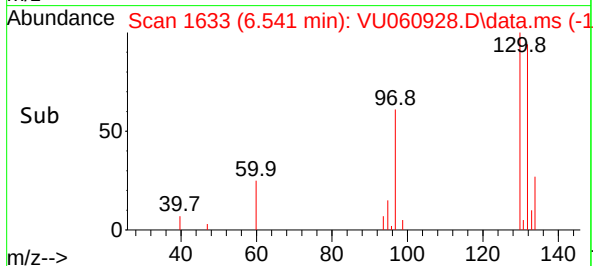
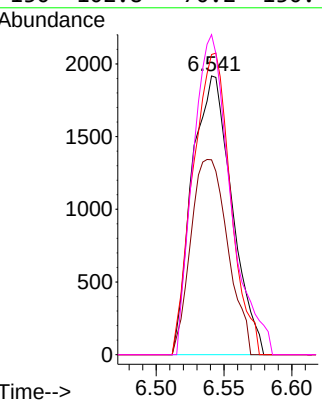
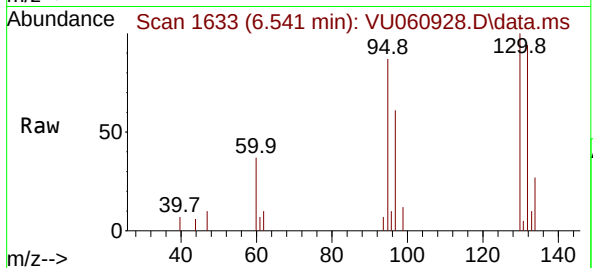
Ion Ratio Lower Upper

95 100

97 62.6 44.9 83.5

132 96.4 63.5 117.9

130 102.8 70.2 130.4



#47

Tetrachloroethene

Concen: 1.718 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060928.D

Acq: 20 Sep 2024 05:51

Tgt Ion: 164 Resp: 13035

Ion Ratio Lower Upper

164 100

129 89.6 67.3 124.9

131 88.2 65.4 121.4

166 127.0 89.5 166.1

