

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054527.D
 Acq On : 15 Jun 2023 15:35
 Operator : MD/SY
 Sample : 03253-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY1

Quant Time: Jun 16 01:32:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

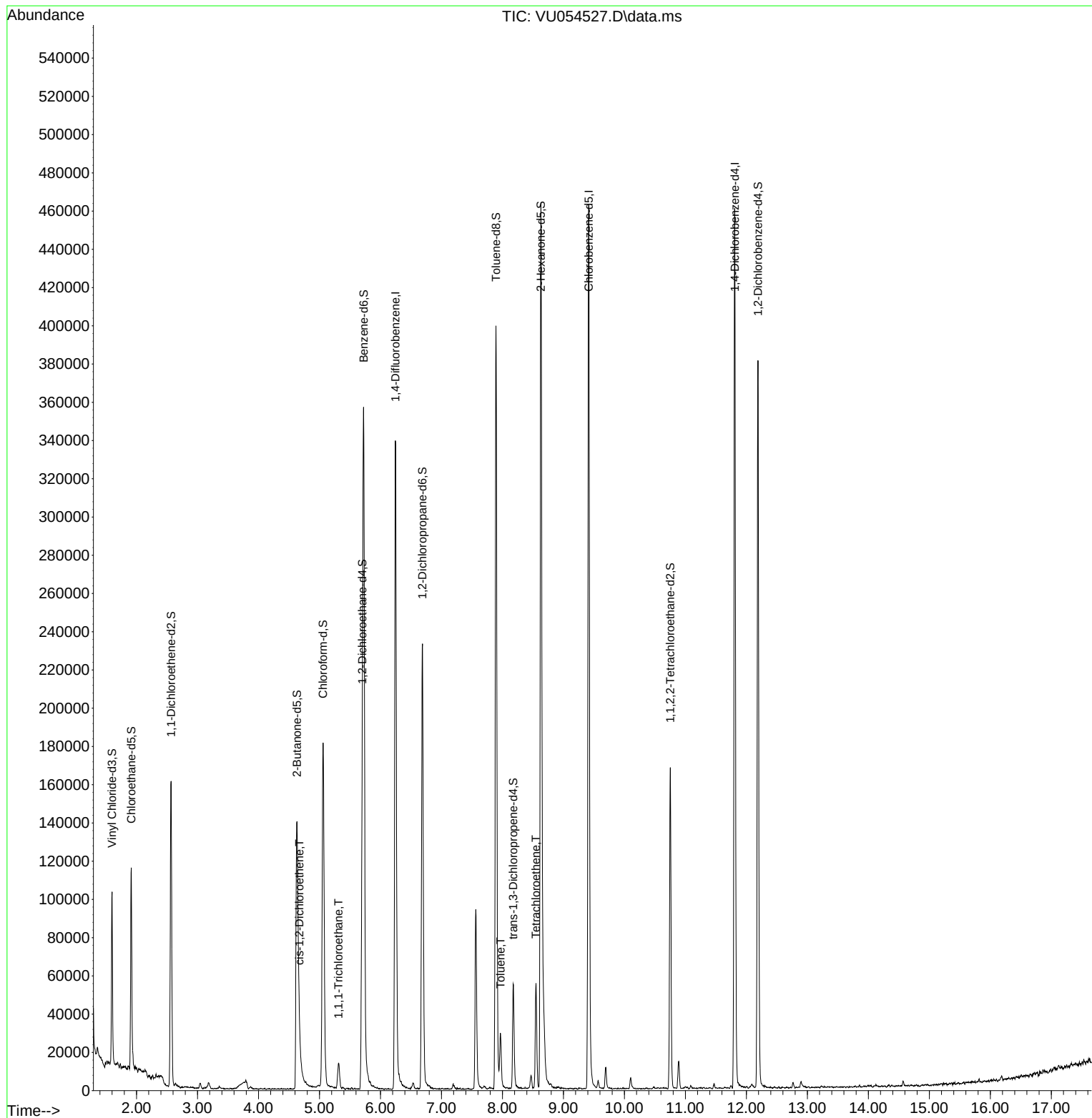
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	279987	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	270300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	127208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	66590	3.737	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.914	69	79696	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.566	65	30704	3.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.631	46	240161	47.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.880%
24) Chloroform-d	5.058	84	174501	4.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.701	65	88186	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.724	84	342312	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.688	67	119662	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	276633	4.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.177	79	34037	3.901	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.631	63	159331	43.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85581	4.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	104175	4.855	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
22) cis-1,2-Dichloroethene	4.669	96	3241	0.136	ug/L	78
29) 1,1,1-Trichloroethane	5.312	97	9843	0.269	ug/L	95
42) Toluene	7.968	91	20431	0.204	ug/L	87
47) Tetrachloroethene	8.550	164	12541	0.638	ug/L	97

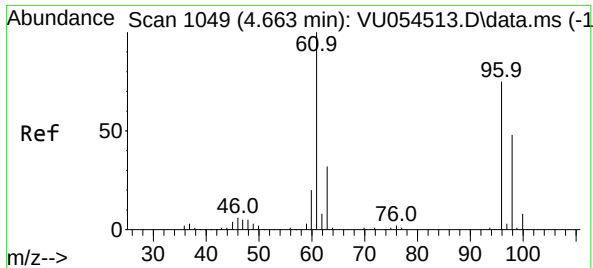
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.136 ug/L

RT: 4.669 min Scan# 1051

Delta R.T. 0.006 min

Lab File: VU054527.D

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EXYY1

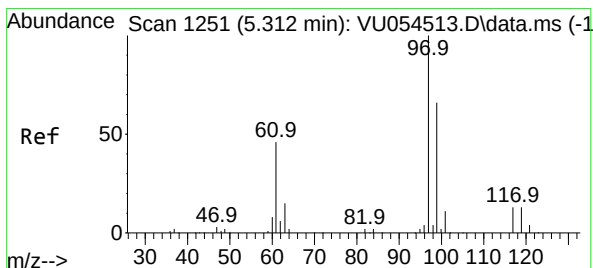
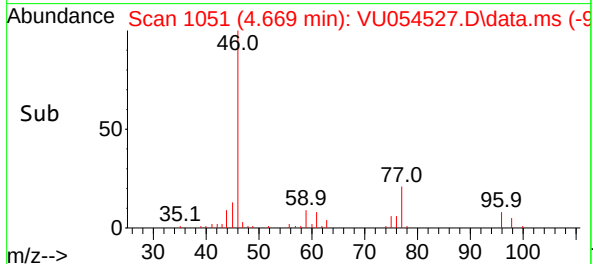
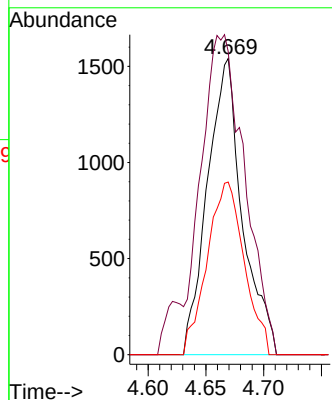
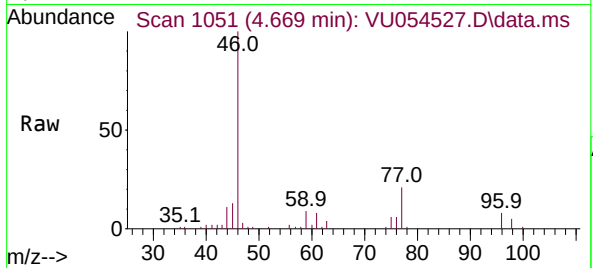
Tgt Ion: 96 Resp: 3241

Ion Ratio Lower Upper

96 100

61 102.4 96.5 179.1

98 58.3 44.9 83.3



#29

1,1,1-Trichloroethane

Concen: 0.269 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VU054527.D

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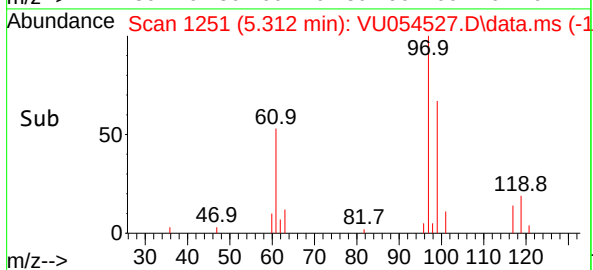
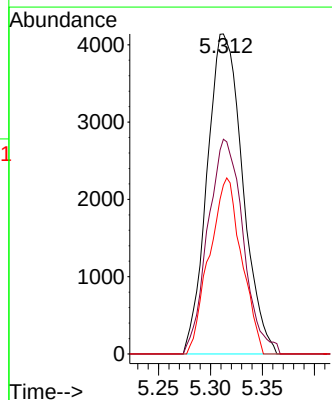
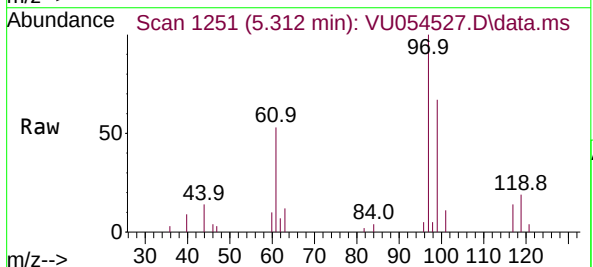
Tgt Ion: 97 Resp: 9843

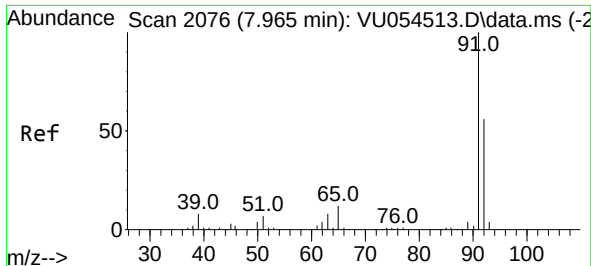
Ion Ratio Lower Upper

97 100

99 66.6 50.8 76.2

61 49.8 36.1 54.1





#42

Toluene

Concen: 0.204 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

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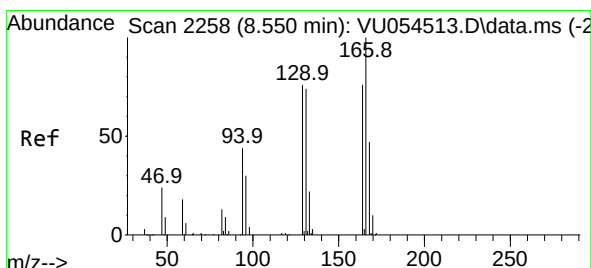
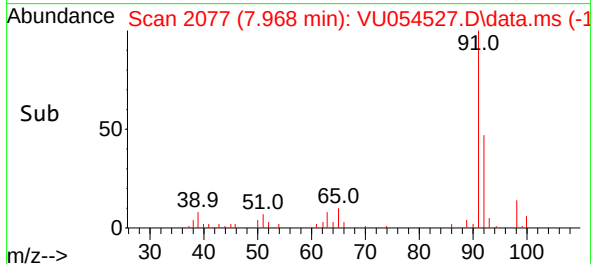
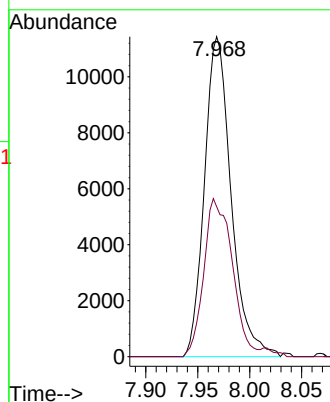
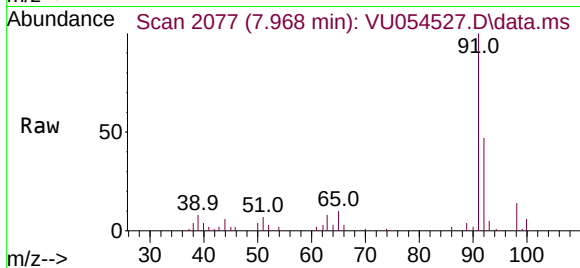
EXYY1

Tgt Ion: 91 Resp: 20431

Ion Ratio Lower Upper

91 100

92 46.9 39.5 73.4



#47

Tetrachloroethene

Concen: 0.638 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU054527.D

Acq: 15 Jun 2023 15:35

Tgt Ion:164 Resp: 12541

Ion Ratio Lower Upper

164 100

129 93.0 67.7 125.7

131 92.8 64.6 120.0

166 131.8 88.1 163.7

