

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043220.D
 Acq On : 20 Apr 2021 13:52
 Operator : SY/MD
 Sample : M2057-21MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4536MSD

Quant Time: Apr 21 05:00:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

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

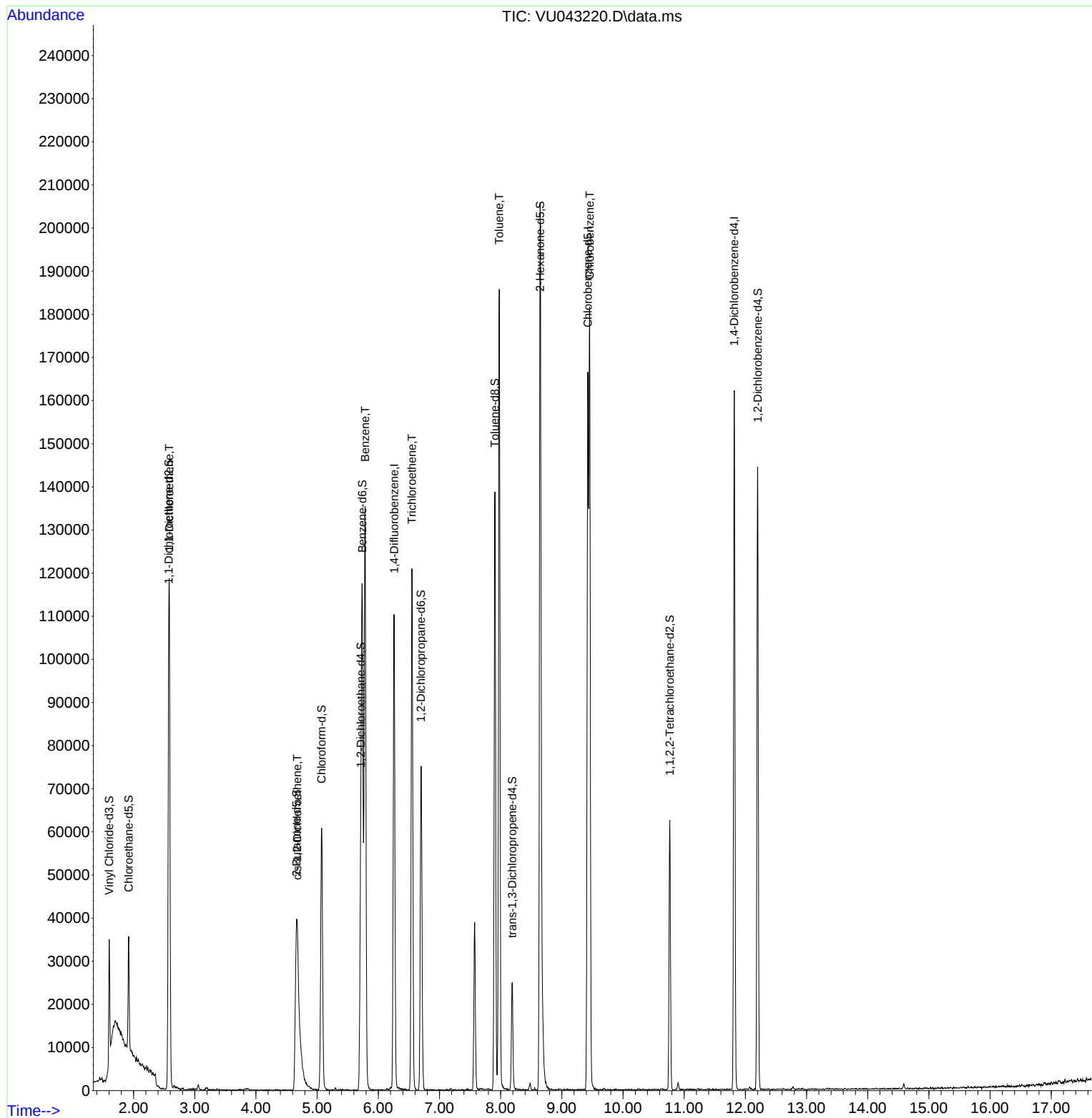
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	80336	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	81655	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40182	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	18900	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	17506	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.575	65	12448	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	4.665	46	107685	60.10	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.20%
24) Chloroform-d	5.073	84	53013	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.713	65	35501	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.739	84	95906	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.700	67	32320	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.906	98	85774	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.189	79	13203	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.645	63	67714	48.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.52%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28543	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	35172	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	24257	5.43	ug/L	75
22) cis-1,2-Dichloroethene	4.674	96	2935	0.52	ug/L	90
33) Benzene	5.784	78	116409	5.33	ug/L	100
34) Trichloroethene	6.549	95	39524	6.57	ug/L	92
42) Toluene	7.976	91	125529	5.14	ug/L	100
51) Chlorobenzene	9.455	112	83107	5.34	ug/L	94

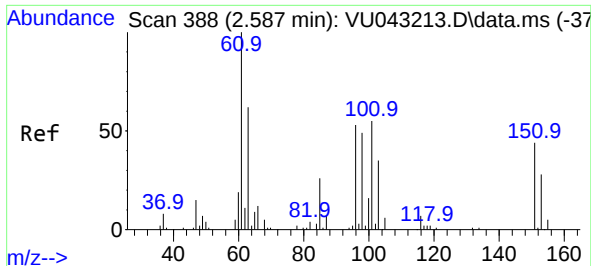
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 21 04:57:57 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.43 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU043220.D

Acq: 20 Apr 2021 13:52

Tgt Ion: 96 Resp: 24257

Ion Ratio Lower Upper

96 100

61 192.2 115.1 213.7

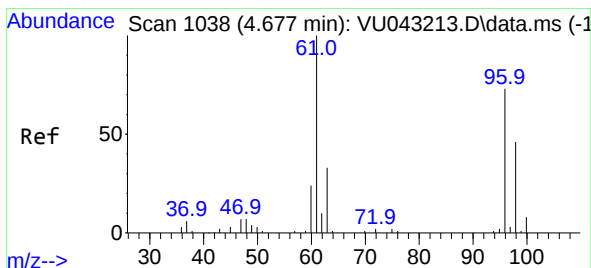
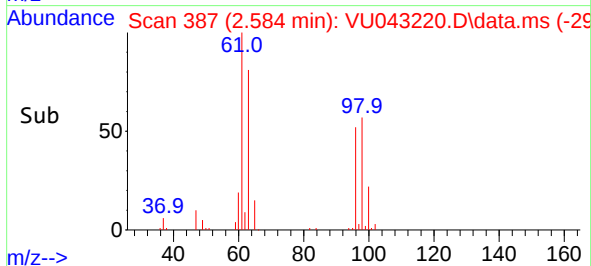
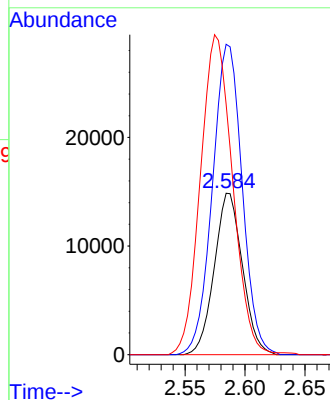
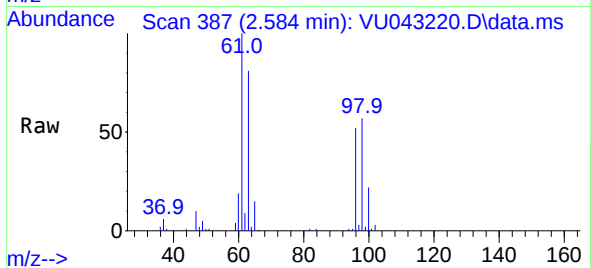
63 155.1 84.1 156.1

Instrument :

MSVOA_U

ClientSampleId :

H4536MSD



#22

cis-1,2-Dichloroethene

Concen: 0.52 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU043220.D

Acq: 20 Apr 2021 13:52

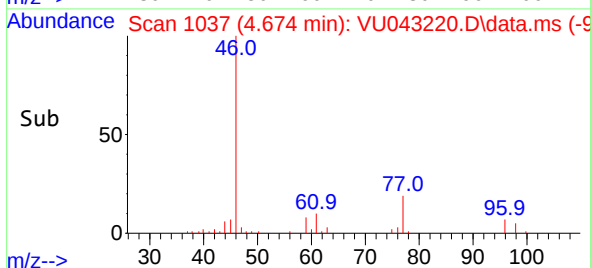
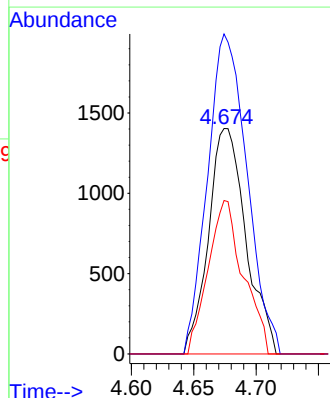
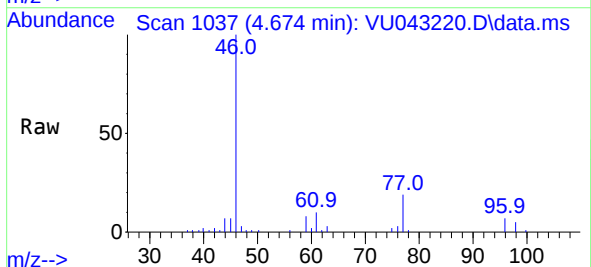
Tgt Ion: 96 Resp: 2935

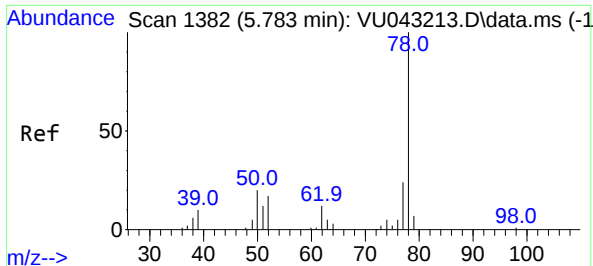
Ion Ratio Lower Upper

96 100

61 142.0 87.4 162.4

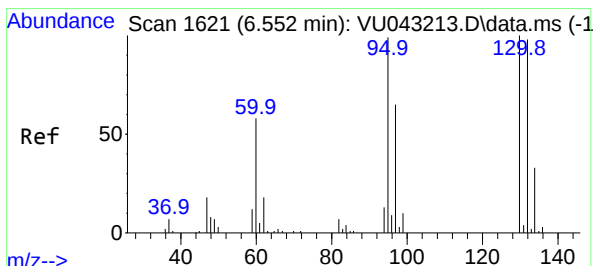
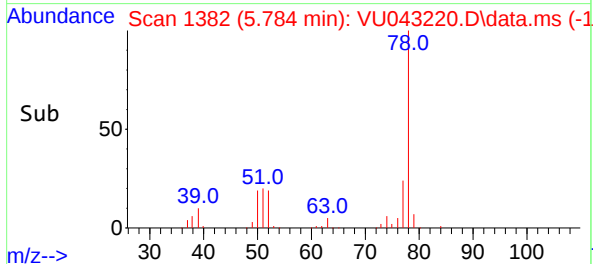
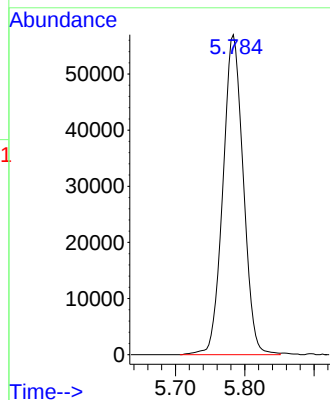
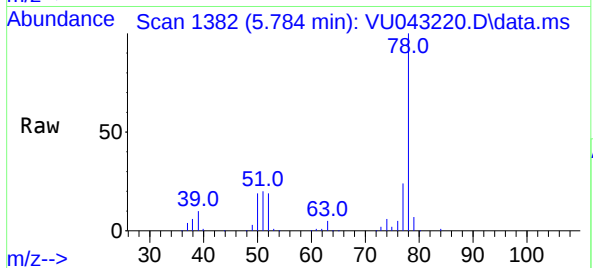
98 68.1 47.7 88.5



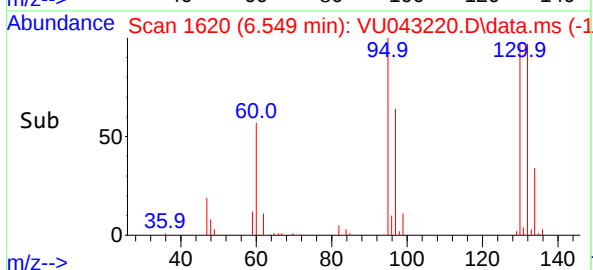
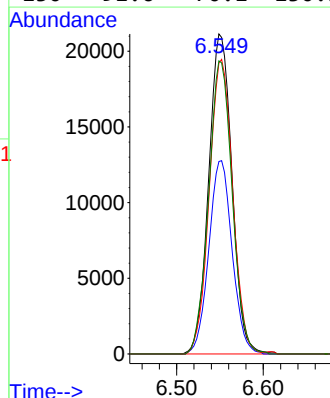
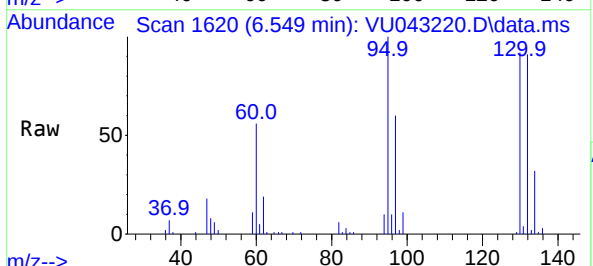


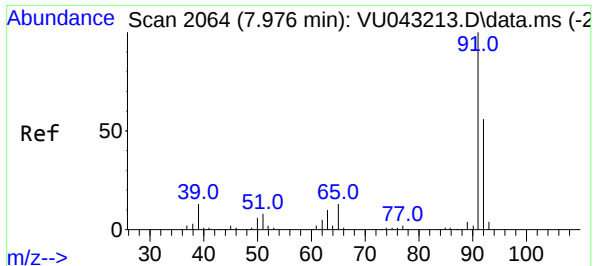
#33
Benzene
Concen: 5.33 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043220.D
Acq: 20 Apr 2021 13:52
Tgt Ion: 78 Resp: 116409

Instrument :
MSVOA_U
ClientSampleId :
H4536MSD



#34
Trichloroethene
Concen: 6.57 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043220.D
Acq: 20 Apr 2021 13:52
Tgt Ion: 95 Resp: 39524





#42

Toluene

Concen: 5.14 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043220.D

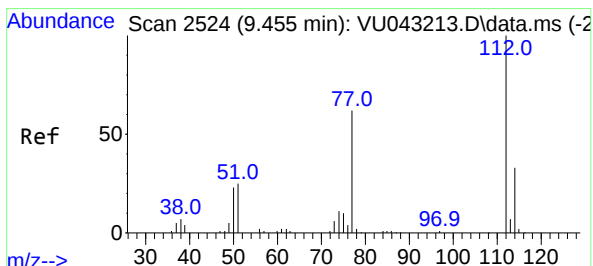
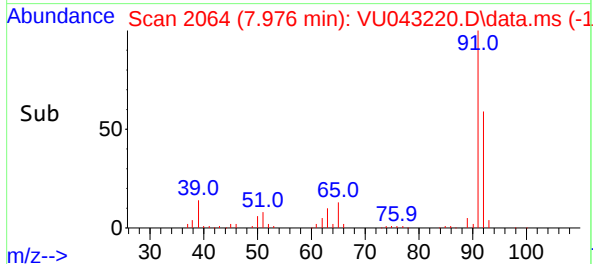
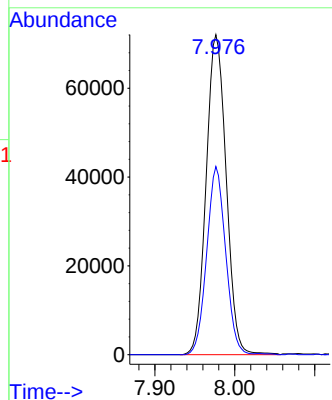
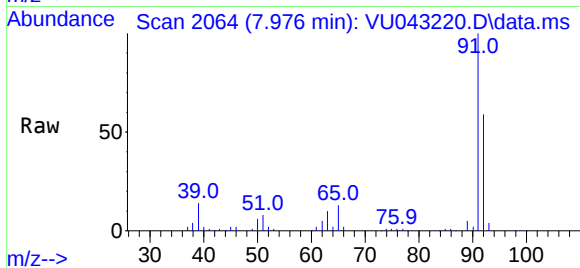
Acq: 20 Apr 2021 13:52

Tgt Ion: 91 Resp: 125529

Ion Ratio Lower Upper

91 100

92 58.8 40.9 76.0



#51

Chlorobenzene

Concen: 5.34 ug/L

RT: 9.455 min Scan# 2524

Delta R.T. 0.000 min

Lab File: VU043220.D

Acq: 20 Apr 2021 13:52

Tgt Ion: 112 Resp: 83107

Ion Ratio Lower Upper

112 100

114 32.3 21.9 40.7

77 62.6 45.1 67.7

