

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043222.D
 Acq On : 20 Apr 2021 14:40
 Operator : SY/MD
 Sample : M2055-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4476MS

Quant Time: Apr 21 05:00:59 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)

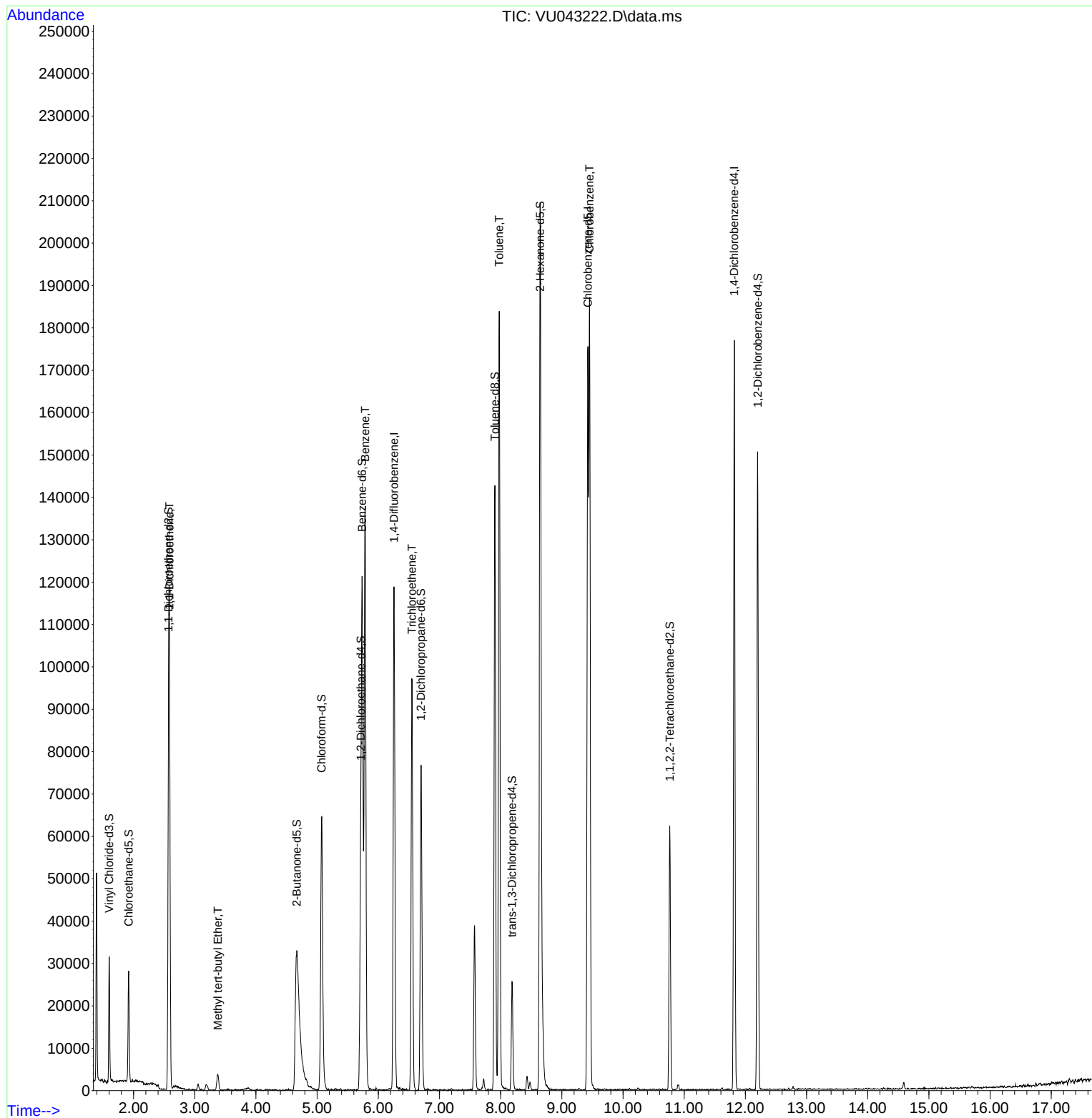
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	87412	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	86182	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41644	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19768	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.919	69	17704	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.571	65	12588	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.668	46	105308	54.02	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.04%
24) Chloroform-d	5.073	84	55037	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.713	65	35762	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.735	84	97673	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	32670	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.906	98	86725	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloroprop...	8.185	79	13984	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.645	63	69236	47.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.48%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29387	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	36297	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	24396	5.02	ug/L	83
17) Methyl tert-butyl Ether	3.379	73	3620	0.23	ug/L	# 86
33) Benzene	5.784	78	118007	5.12	ug/L	100
34) Trichloroethene	6.549	95	29905	4.71	ug/L	98
42) Toluene	7.976	91	125829	4.89	ug/L	95
51) Chlorobenzene	9.452	112	85741	5.22	ug/L	94

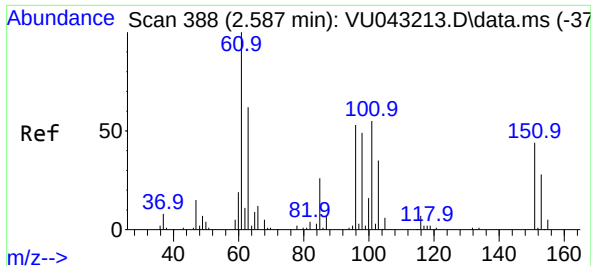
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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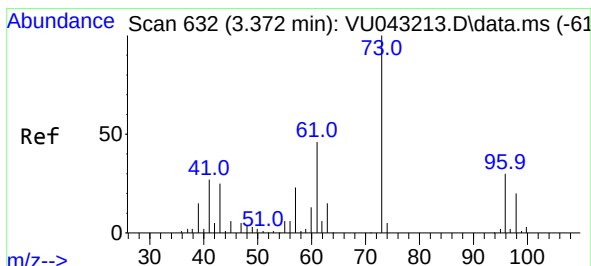
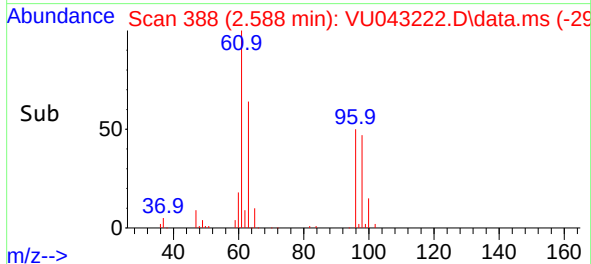
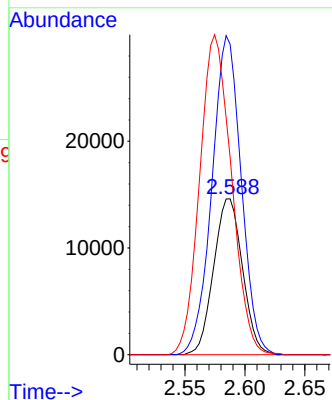
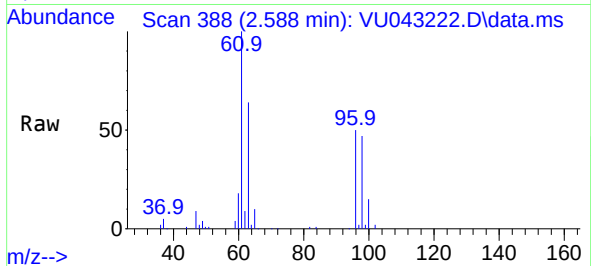




#12
1,1-Dichloroethene
Concen: 5.02 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

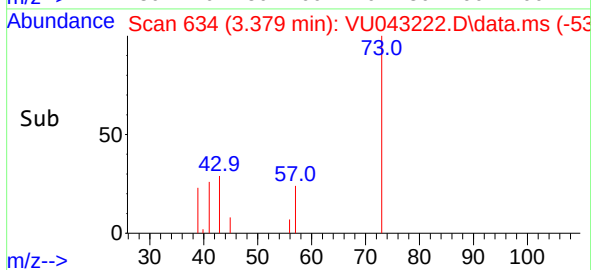
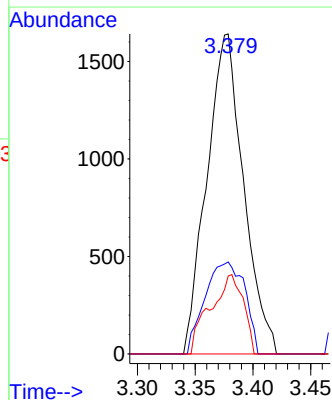
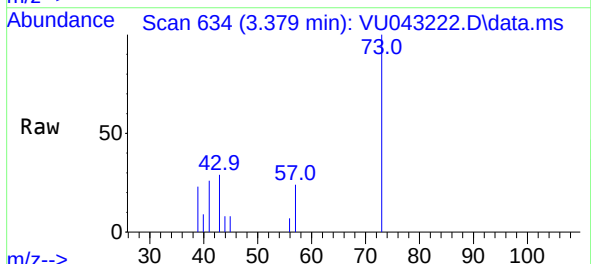
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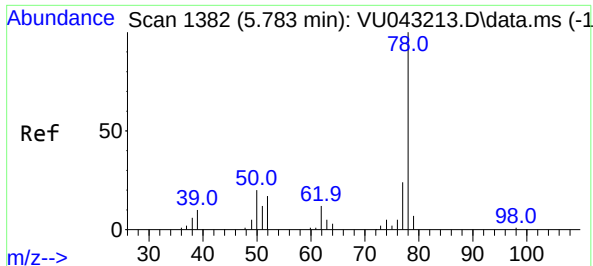
Tgt Ion: 96 Resp: 24396
Ion Ratio Lower Upper
96 100
61 199.2 115.1 213.7
63 126.7 84.1 156.1



#17
Methyl tert-butyl Ether
Concen: 0.23 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.007 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

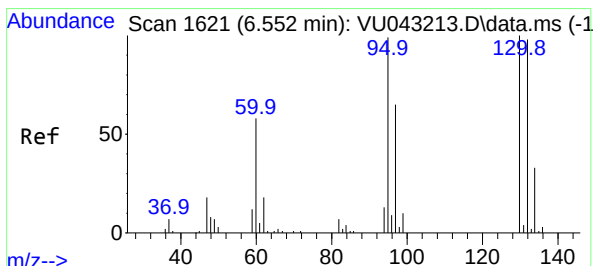
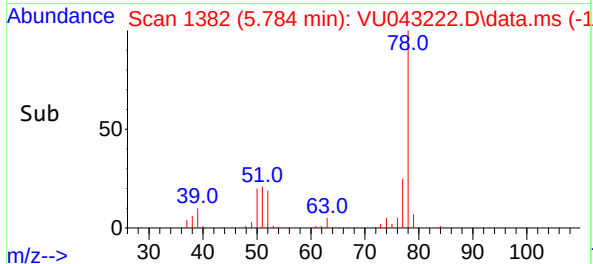
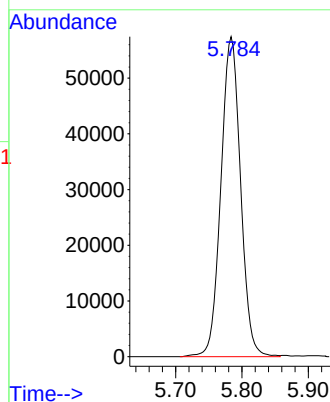
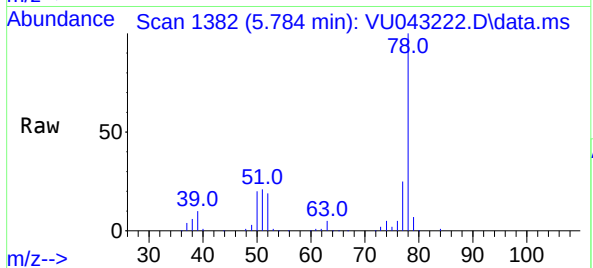
Tgt Ion: 73 Resp: 3620
Ion Ratio Lower Upper
73 100
43 31.2 15.0 22.4#
57 22.3 17.3 25.9





#33
Benzene
Concen: 5.12 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40
Tgt Ion: 78 Resp: 118007

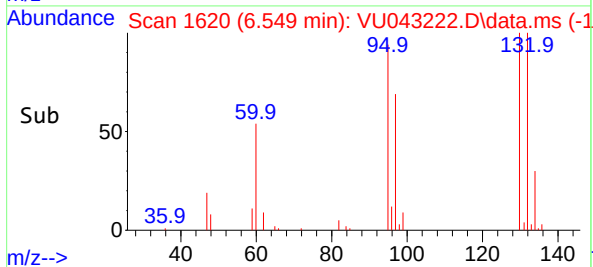
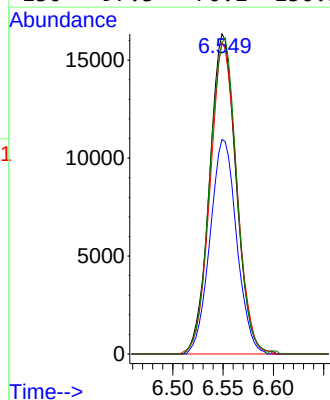
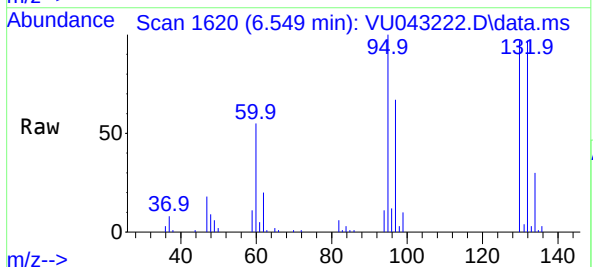
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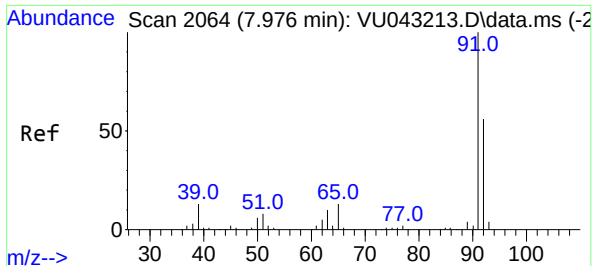


#34
Trichloroethene
Concen: 4.71 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

Tgt Ion: 95 Resp: 29905

Ion	Ratio	Lower	Upper
95	100		
97	67.0	45.8	85.2
132	97.3	68.7	127.7
130	97.3	70.1	130.3

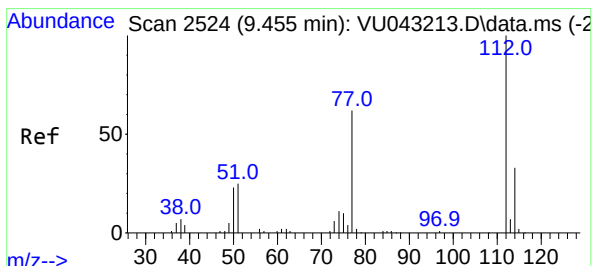
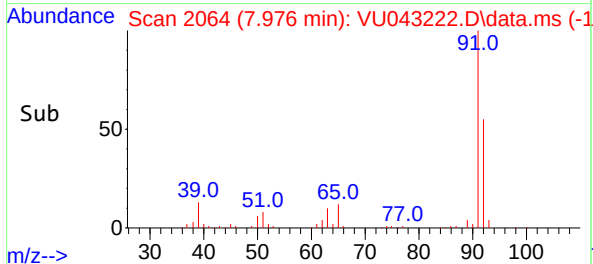
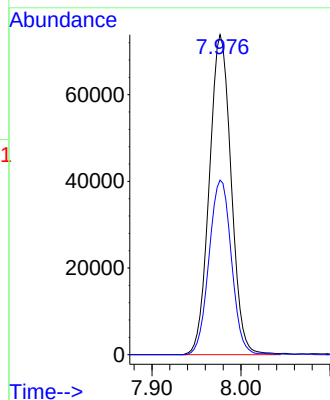
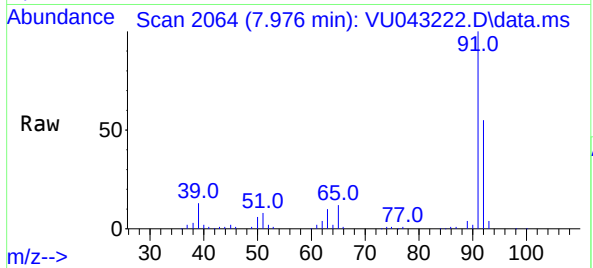




#42
Toluene
Concen: 4.89 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

Instrument :
MSVOA_U
ClientSampled :
H4476MS

Tgt Ion: 91 Resp: 125829
Ion Ratio Lower Upper
91 100
92 54.6 40.9 76.0



#51
Chlorobenzene
Concen: 5.22 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

Tgt Ion: 112 Resp: 85741
Ion Ratio Lower Upper
112 100
114 32.4 21.9 40.7
77 61.9 45.1 67.7

