

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043221.D
 Acq On : 20 Apr 2021 14:16
 Operator : SY/MD
 Sample : M2055-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4542

Quant Time: Apr 21 05:00:46 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)

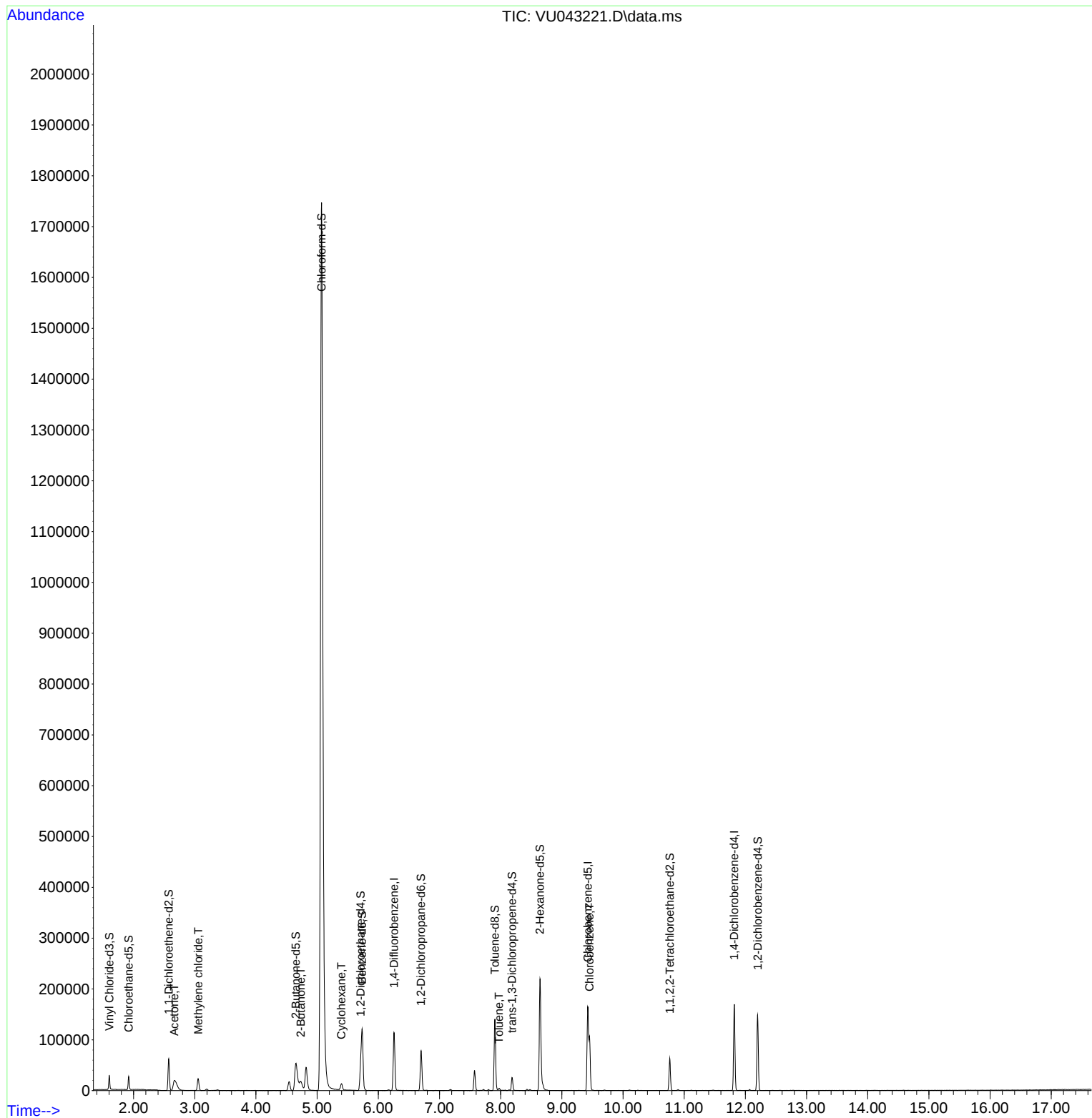
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	83391	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	82024	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40771	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18043	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.919	69	17632	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.575	65	11668	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	4.652	46	107441	57.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.54%
24) Chloroform-d	5.073	84	57326	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.710	65	35577	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.736	84	98559	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.700	67	33029	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.906	98	85113	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloroprop...	8.186	79	13157	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.642	63	67466	48.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.72%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28646	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
66) 1,2-Dichlorobenzene-d4	12.202	152	35481	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						
					Qvalue	
13) Acetone	2.665	43	54258	39.70	ug/L	# 63
16) Methylene chloride	3.057	84	10039	1.67	ug/L	84
21) 2-Butanone	4.736	43	29363	13.02	ug/L	# 67
30) Cyclohexane	5.398	56	6032	0.70	ug/L	86
42) Toluene	7.973	91	3225	0.13	ug/L	98
51) Chlorobenzene	9.452	112	47433	3.03	ug/L	93

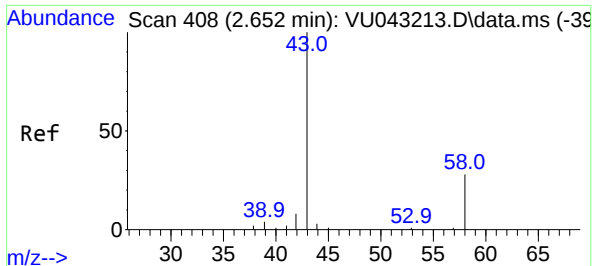
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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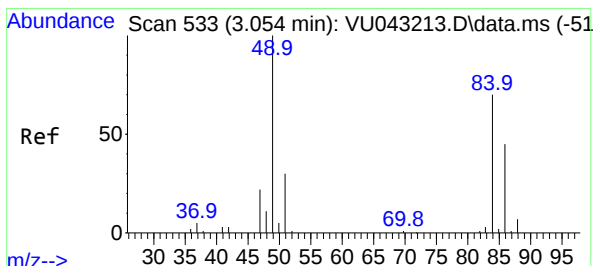
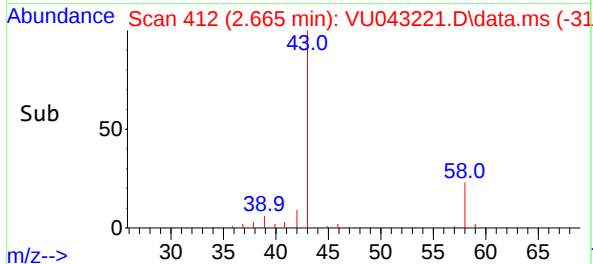
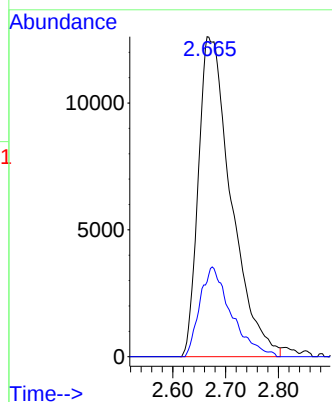
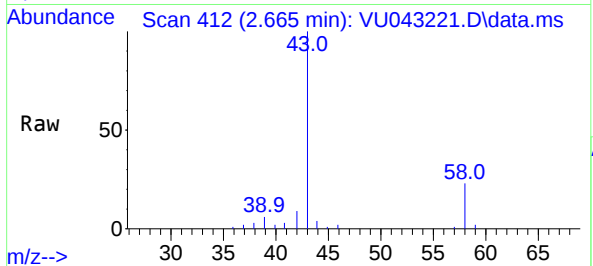




#13
Acetone
Concen: 39.70 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

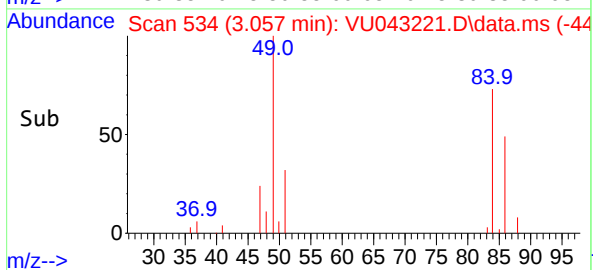
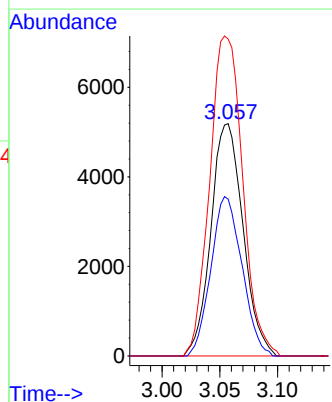
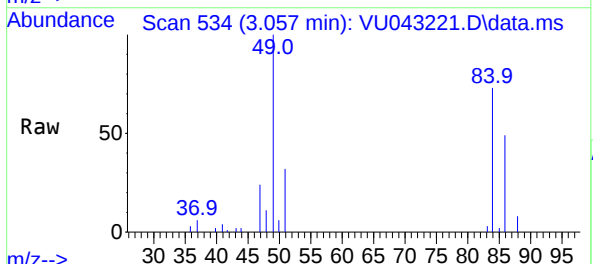
Instrument :
MSVOA_U
ClientSampleId :
H4542

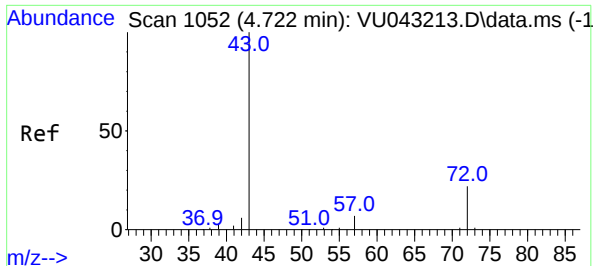
Tgt Ion: 43 Resp: 54258
Ion Ratio Lower Upper
43 100
58 26.9 0.0 25.0#



#16
Methylene chloride
Concen: 1.67 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

Tgt Ion: 84 Resp: 10039
Ion Ratio Lower Upper
84 100
86 67.5 44.9 83.5
49 136.4 79.0 146.8

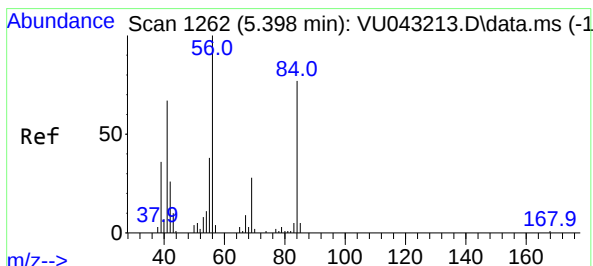
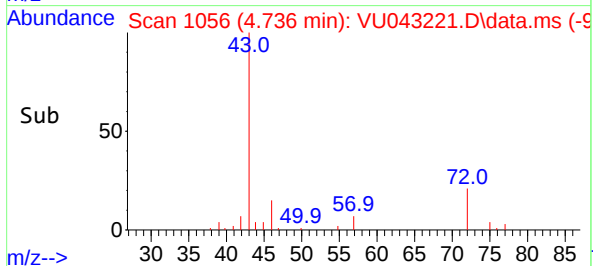
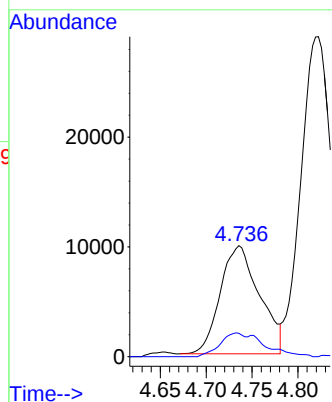
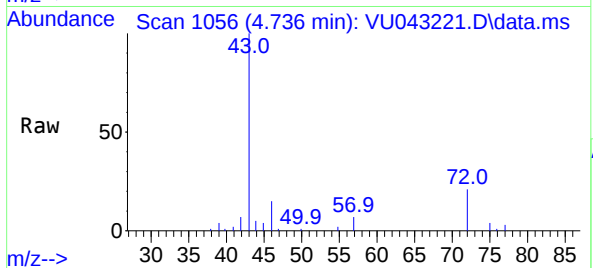




#21
2-Butanone
Concen: 13.02 ug/L
RT: 4.736 min Scan# 1056
Delta R.T. 0.013 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

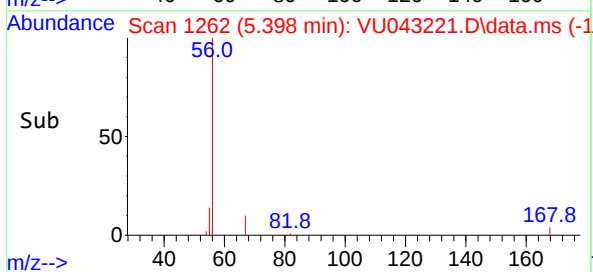
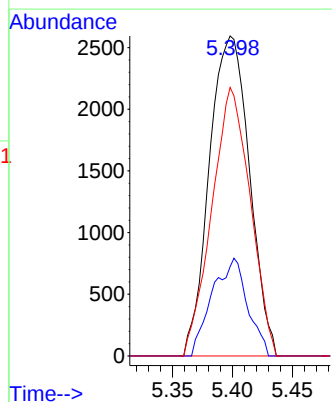
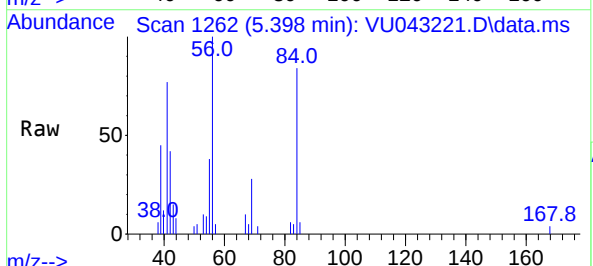
Instrument :
MSVOA_U
ClientSampled :
H4542

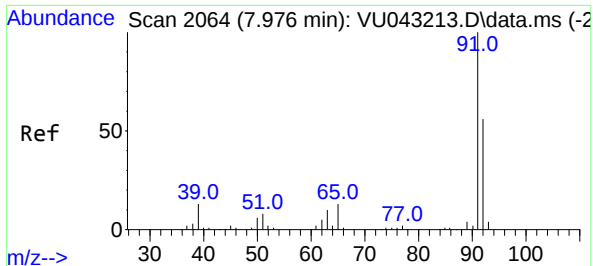
Tgt Ion: 43 Resp: 29363
Ion Ratio Lower Upper
43 100
72 13.3 15.8 47.3#



#30
Cyclohexane
Concen: 0.70 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

Tgt Ion: 56 Resp: 6032
Ion Ratio Lower Upper
56 100
69 26.9 25.2 37.8
84 80.2 76.2 114.4





#42

Toluene

Concen: 0.13 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU043221.D

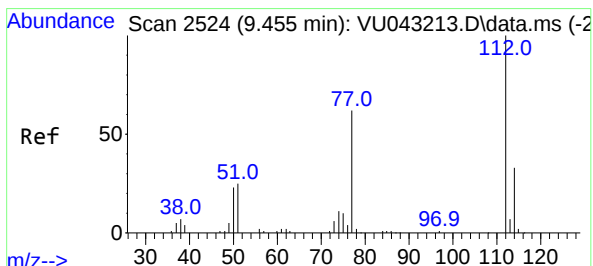
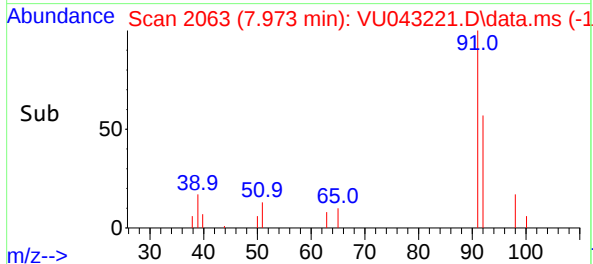
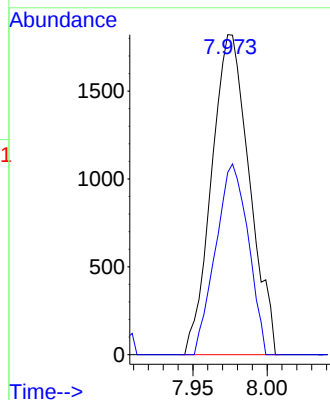
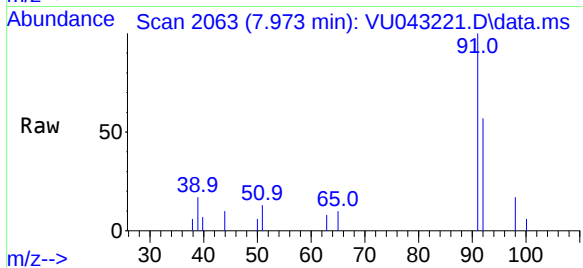
Acq: 20 Apr 2021 14:16

Tgt Ion: 91 Resp: 3225

Ion Ratio Lower Upper

91 100

92 56.9 40.9 76.0



#51

Chlorobenzene

Concen: 3.03 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. -0.003 min

Lab File: VU043221.D

Acq: 20 Apr 2021 14:16

Tgt Ion: 112 Resp: 47433

Ion Ratio Lower Upper

112 100

114 32.7 21.9 40.7

77 63.0 45.1 67.7

