

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057177.D
 Acq On : 22 Dec 2023 08:56
 Operator : MD/SY
 Sample : 05912-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3E6

Quant Time: Dec 22 12:39:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 01:33:10 2023
 Response via : Initial Calibration

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

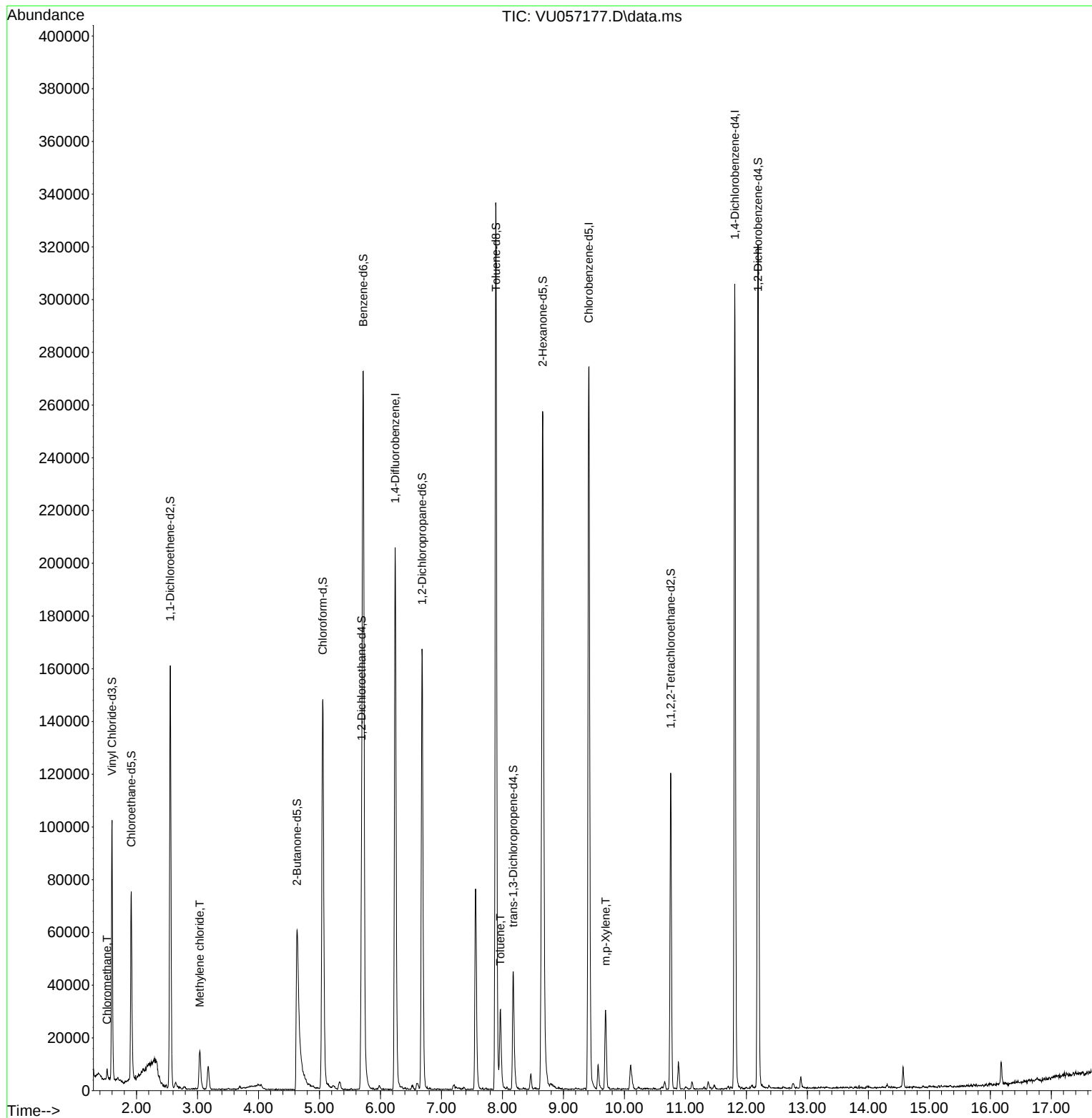
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	78690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	74431	4.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.914	69	61023	4.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.554	65	31506	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.631	46	123796	50.166	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.340%
24) Chloroform-d	5.055	84	140429	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.692	65	69968	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.717	84	259632	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.682	67	77341	4.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.894	98	232369	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	30652	4.226	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.659	63	121922	49.372	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.740%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	59408	4.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	80192	4.736	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
3) Chloromethane	1.518	50	2964	0.220	ug/L	99
16) Methylene chloride	3.036	84	8152	0.570	ug/L	96
42) Toluene	7.965	91	22584	0.377	ug/L	95
53) m,p-Xylene	9.692	106	8893	0.360	ug/L	88

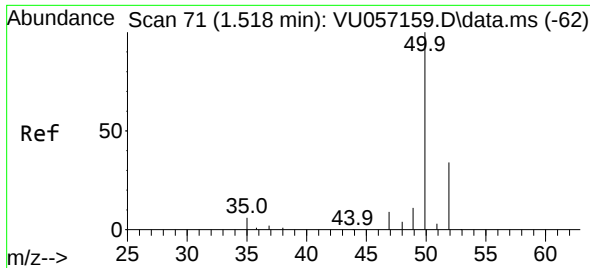
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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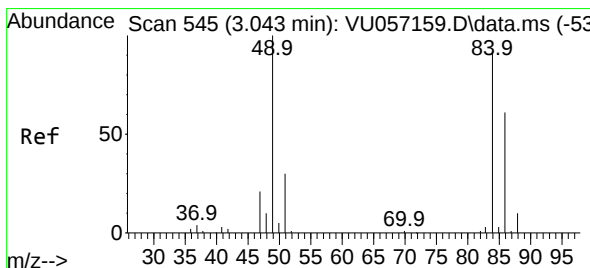
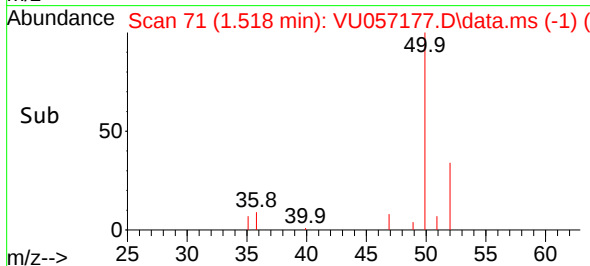
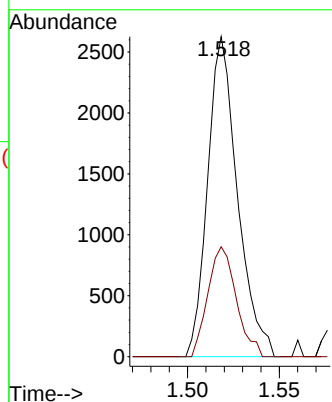
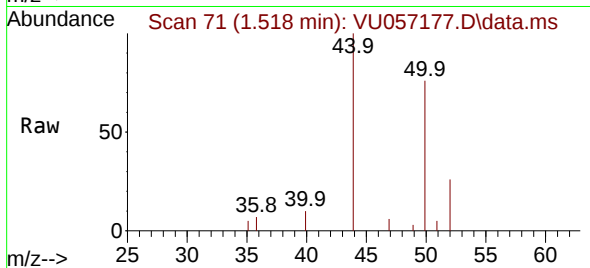




#3
Chloromethane
Concen: 0.220 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

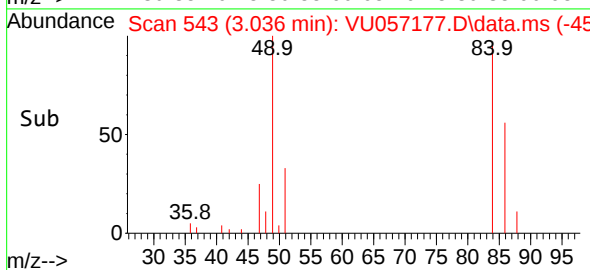
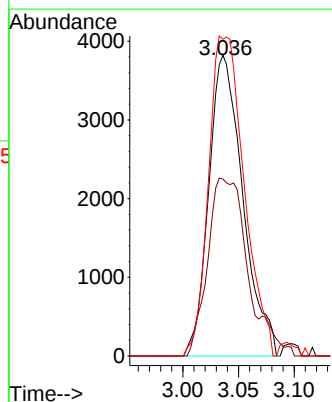
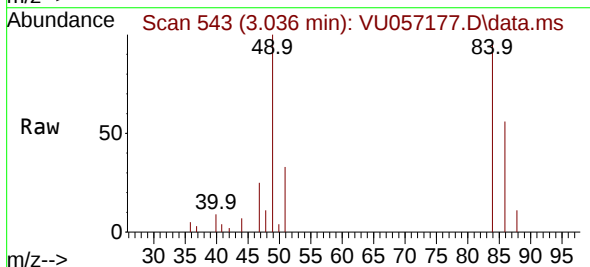
Instrument :
MSVOA_U
ClientSampleId :
BH3E6

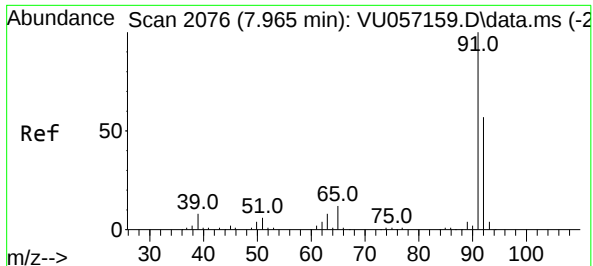
Tgt Ion: 50 Resp: 2964
Ion Ratio Lower Upper
50 100
52 34.3 23.7 44.1



#16
Methylene chloride
Concen: 0.570 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.007 min
Lab File: VU057177.D
Acq: 22 Dec 2023 08:56

Tgt Ion: 84 Resp: 8152
Ion Ratio Lower Upper
84 100
86 58.8 44.7 82.9
49 105.4 76.0 141.2





#42

Toluene

Concen: 0.377 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU057177.D

Acq: 22 Dec 2023 08:56

Instrument :

MSVOA_U

ClientSampleId :

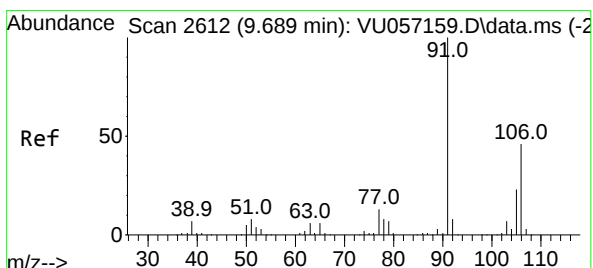
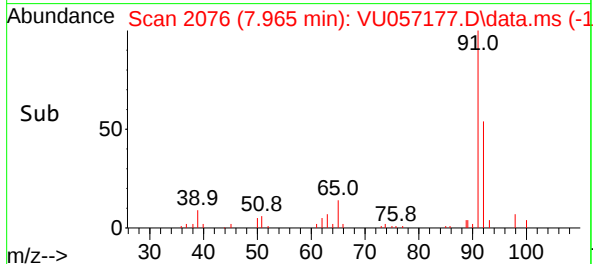
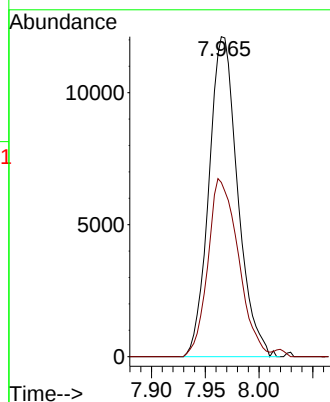
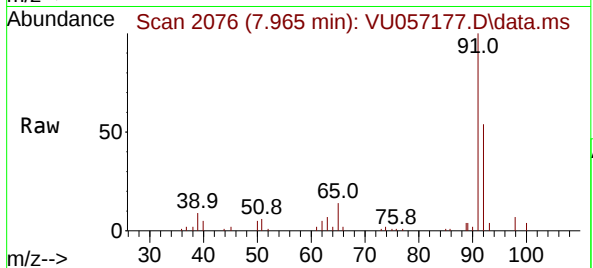
BH3E6

Tgt Ion: 91 Resp: 22584

Ion Ratio Lower Upper

91 100

92 54.5 40.5 75.1



#53

m,p-Xylene

Concen: 0.360 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU057177.D

Acq: 22 Dec 2023 08:56

Tgt Ion: 106 Resp: 8893

Ion Ratio Lower Upper

106 100

91 240.7 154.5 286.9

