

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062159.D
 Acq On : 09 Dec 2024 15:07
 Operator : MD/SY
 Sample : P5116-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1PK1

Quant Time: Dec 09 15:57:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 09 13:19:03 2024
 Response via : Initial Calibration

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

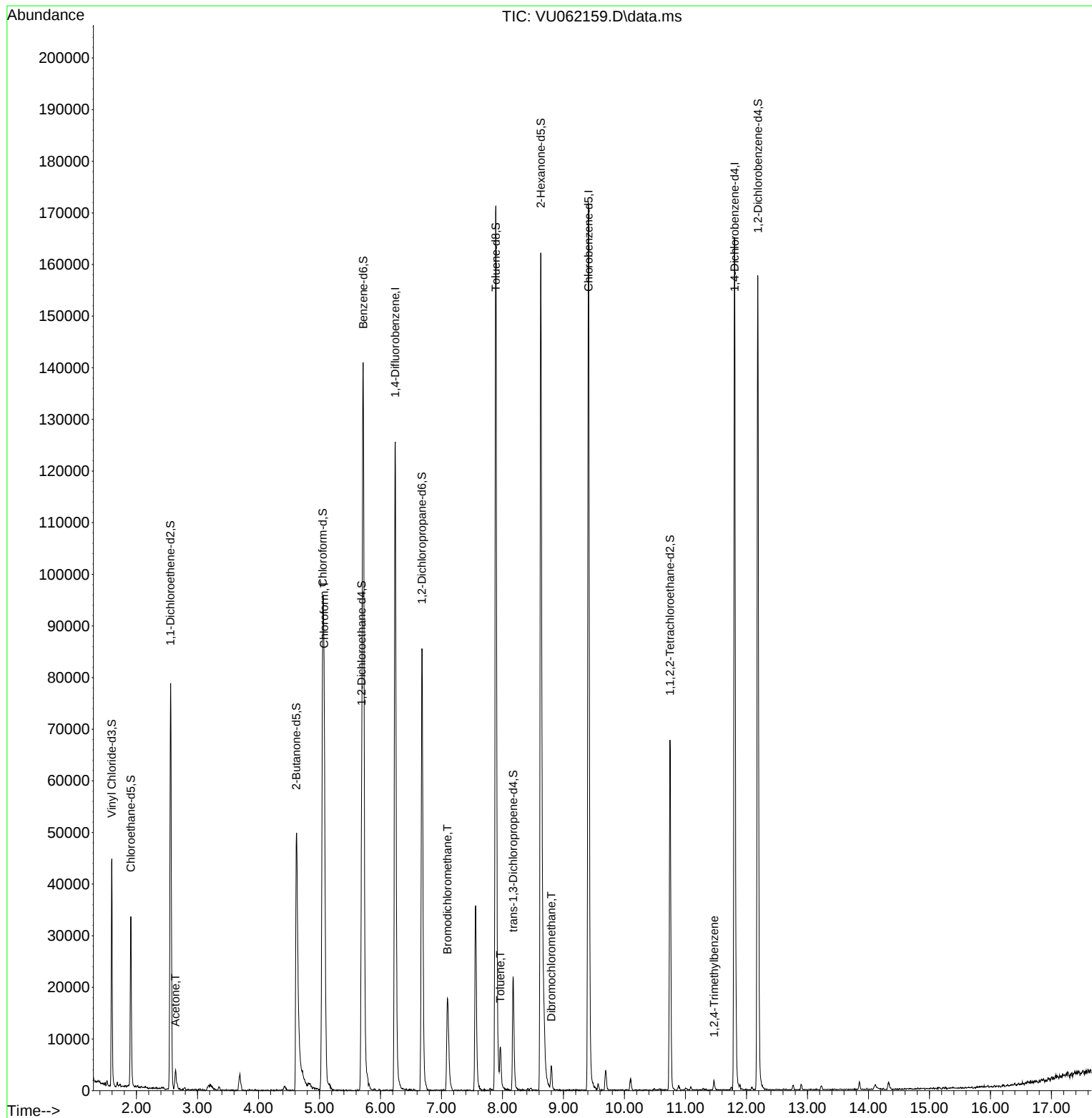
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	106272	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	98340	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30103	4.199	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.908	69	23307	4.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.557	65	15428	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.621	46	76036	55.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.700%
24) Chloroform-d	5.052	84	75290	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	39227	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.718	84	136950	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.679	67	40537	5.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.891	98	122926	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	14817	4.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.627	63	54993	51.101	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	33017	5.236	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	44192	5.257	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
13) Acetone	2.637	43	5044	5.393	ug/L	98
25) Chloroform	5.078	83	57382	3.770	ug/L	97
38) Bromodichloromethane	7.097	83	12732	1.216	ug/L	99
42) Toluene	7.965	91	6858	0.209	ug/L	98
49) Dibromochloromethane	8.801	129	2355	0.348	ug/L	99
63) 1,2,4-Trimethylbenzene	11.470	105	1650	0.060	ug/L	98

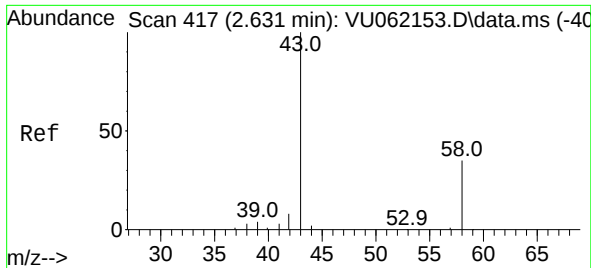
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 09 13:19:03 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.393 ug/L

RT: 2.637 min Scan# 417

Delta R.T. -0.010 min

Lab File: VU062159.D

Acq: 09 Dec 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

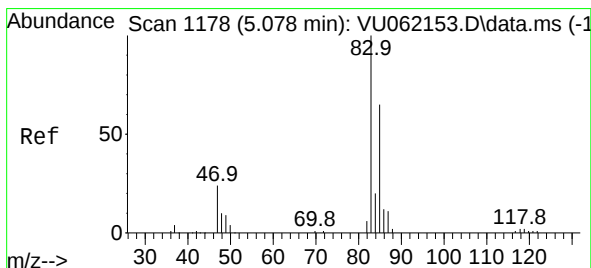
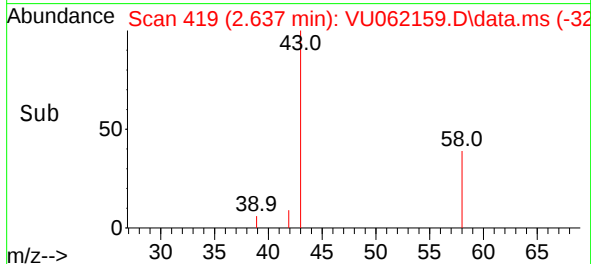
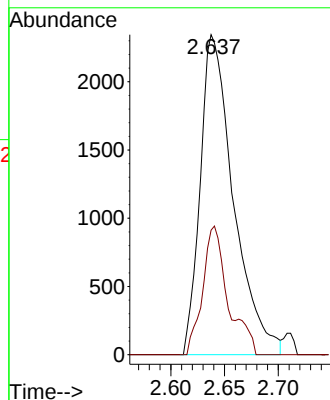
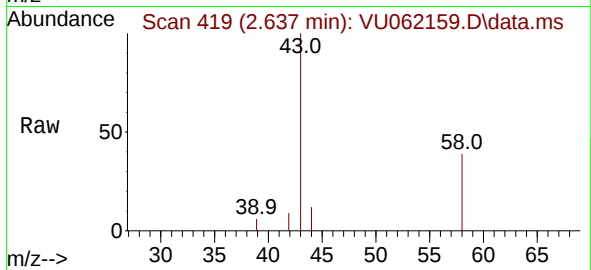
E1PK1

Tgt Ion: 43 Resp: 5044

Ion Ratio Lower Upper

43 100

58 30.7 0.0 64.0



#25

Chloroform

Concen: 3.770 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU062159.D

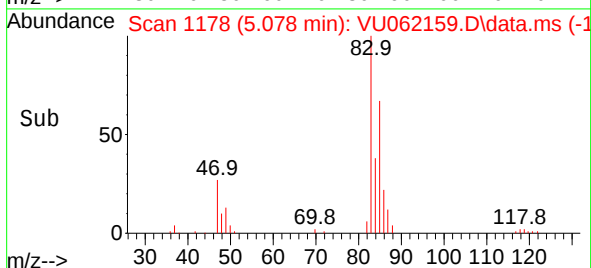
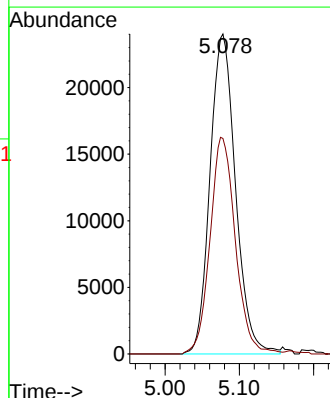
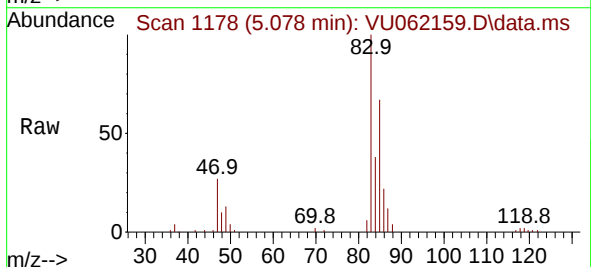
Acq: 09 Dec 2024 15:07

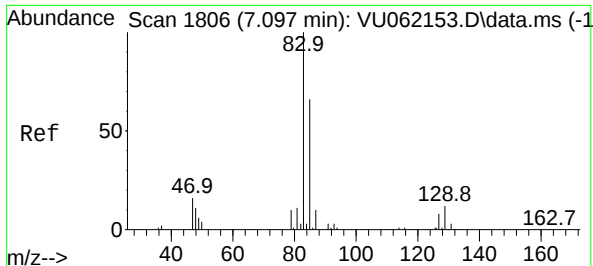
Tgt Ion: 83 Resp: 57382

Ion Ratio Lower Upper

83 100

85 67.4 45.4 84.2





#38

Bromodichloromethane

Concen: 1.216 ug/L

RT: 7.097 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU062159.D

Acq: 09 Dec 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

E1PK1

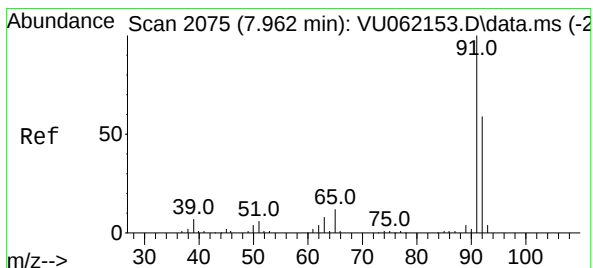
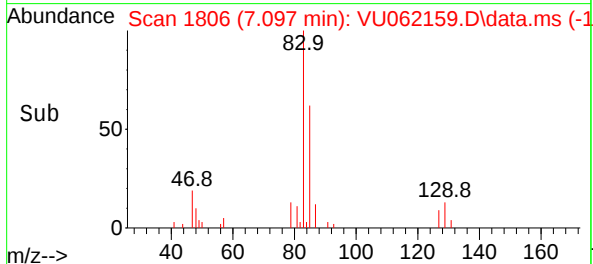
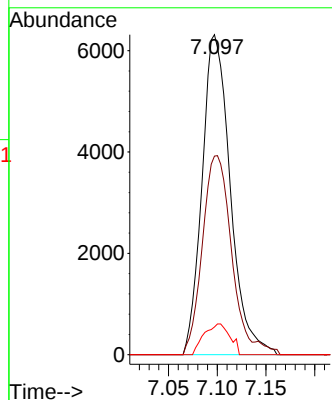
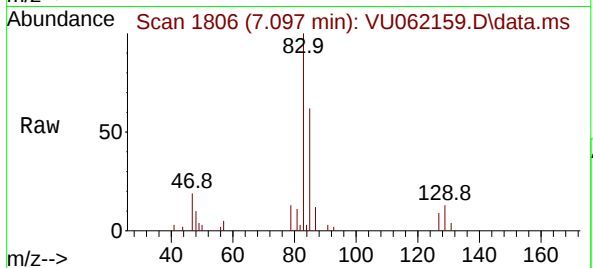
Tgt Ion: 83 Resp: 12732

Ion Ratio Lower Upper

83 100

85 62.0 44.1 81.9

127 8.7 6.9 10.3



#42

Toluene

Concen: 0.209 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU062159.D

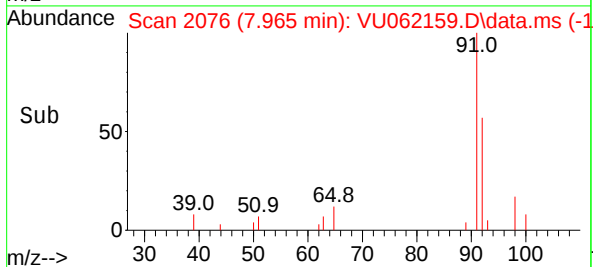
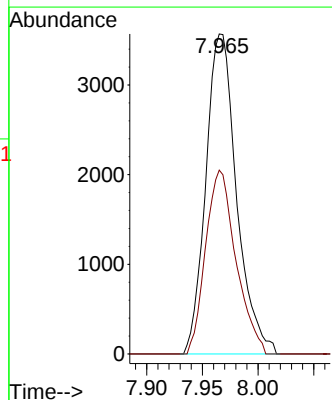
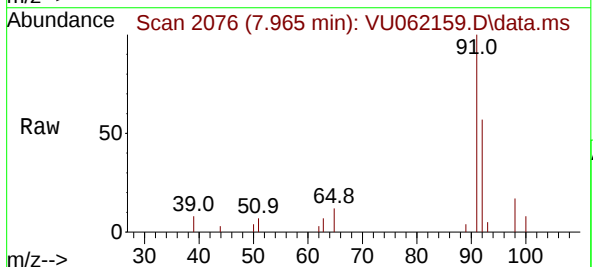
Acq: 09 Dec 2024 15:07

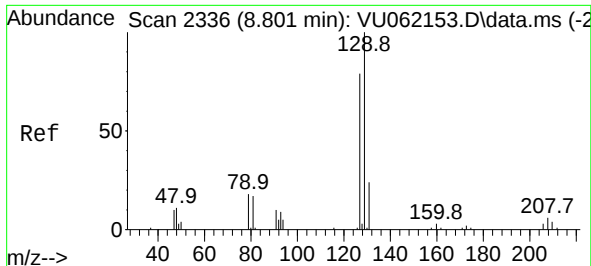
Tgt Ion: 91 Resp: 6858

Ion Ratio Lower Upper

91 100

92 57.4 39.0 72.4





#49

Dibromochloromethane

Concen: 0.348 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU062159.D

Acq: 09 Dec 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

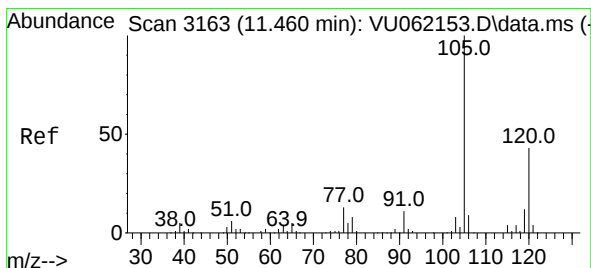
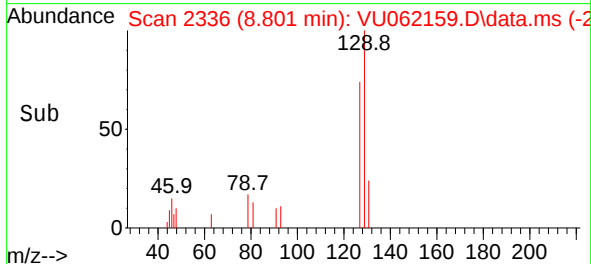
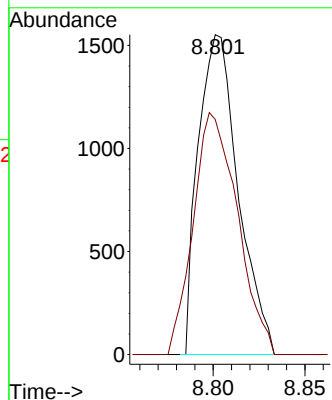
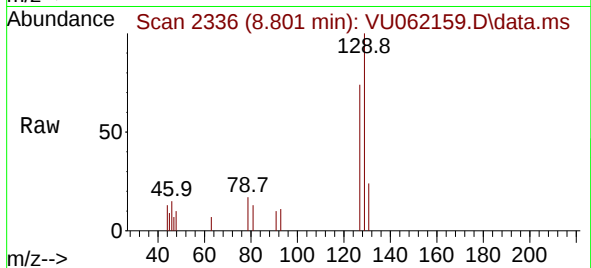
E1PK1

Tgt Ion:129 Resp: 2355

Ion Ratio Lower Upper

129 100

127 73.5 51.1 94.9



#63

1,2,4-Trimethylbenzene

Concen: 0.060 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.010 min

Lab File: VU062159.D

Acq: 09 Dec 2024 15:07

Tgt Ion:105 Resp: 1650

Ion Ratio Lower Upper

105 100

120 44.5 34.7 52.1

