

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122324\
 Data File : VU062565.D
 Acq On : 23 Dec 2024 14:36
 Operator : MD/SY
 Sample : P5349-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1PK9

Quant Time: Dec 23 15:03:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

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

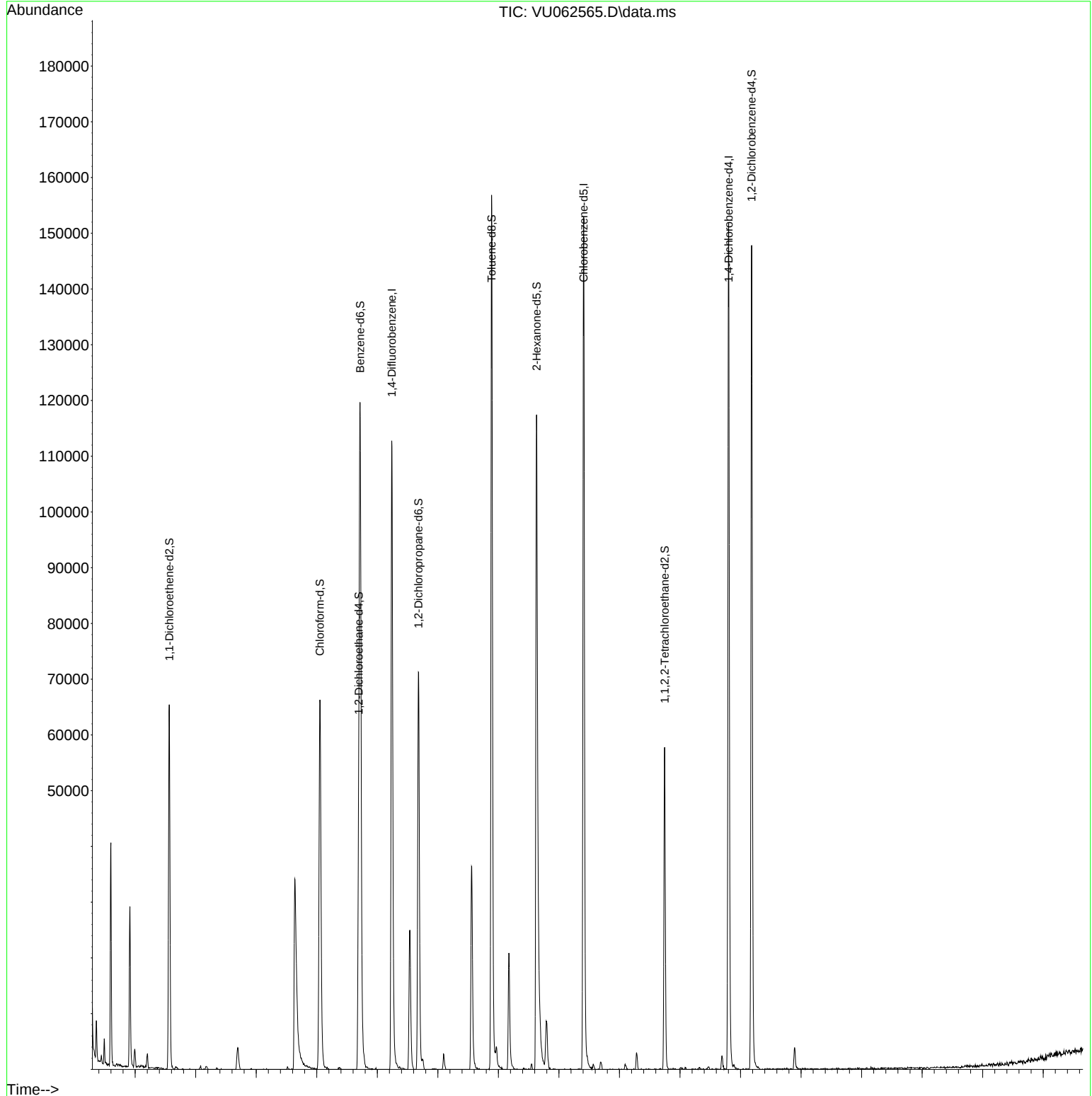
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	98890	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45244	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23922	3.586	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.914	69	20759	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.563	65	13242	4.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.637	46	58612	45.850	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.700%
24) Chloroform-d	5.052	84	65769	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.692	65	37236	5.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.718	84	115814	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.679	67	33192	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.888	98	111905	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.174	79	14538	4.433	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.631	63	43269	43.732	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.460%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26075	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	41352	4.960	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
34) Trichloroethene	6.537	95	8911	1.123	ug/L	96
38) Bromodichloromethane	7.097	83	2020	0.210	ug/L #	75
42) Toluene	7.971	91	3030	0.100	ug/L	92
49) Dibromochloromethane	8.801	129	3430	0.551	ug/L	96
59) Bromoform	10.280	173	1640	0.461	ug/L	98

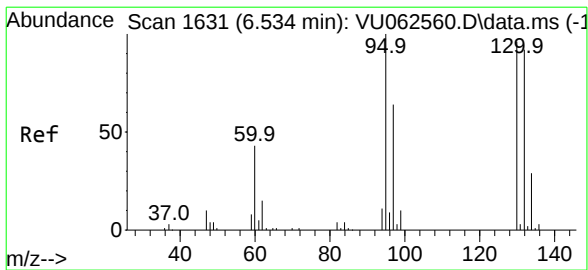
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.123 ug/L

RT: 6.537 min Scan# 16

Delta R.T. 0.003 min

Lab File: VU062565.D

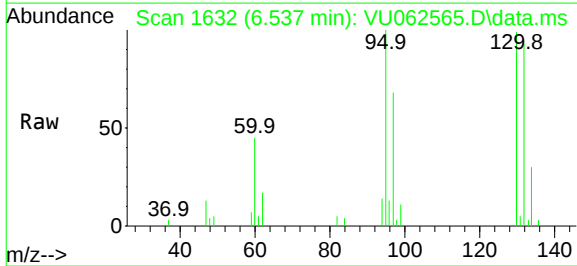
Acq: 23 Dec 2024 14:36

Instrument :

MSVOA_U

ClientSampleId :

E1PK9



Tgt Ion: 95 Resp: 8911

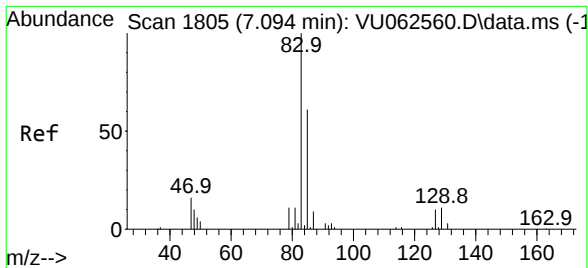
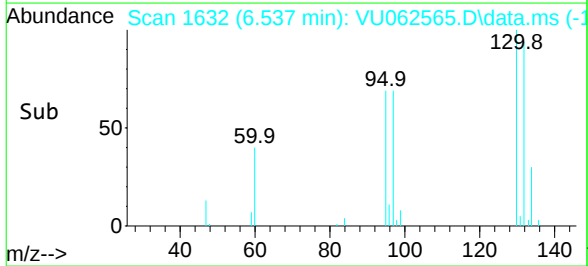
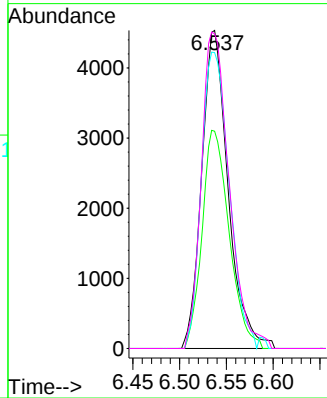
Ion Ratio Lower Upper

95 100

97 68.3 45.9 85.3

132 93.0 63.8 118.4

130 98.9 65.5 121.7



#38

Bromodichloromethane

Concen: 0.210 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU062565.D

Acq: 23 Dec 2024 14:36

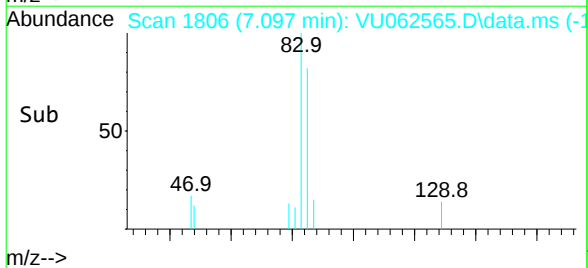
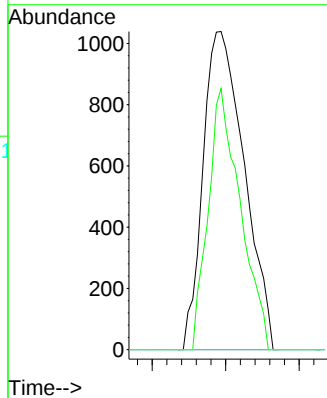
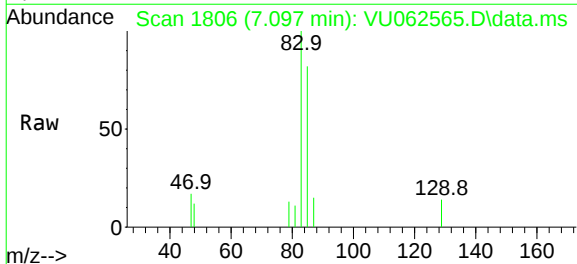
Tgt Ion: 83 Resp: 2020

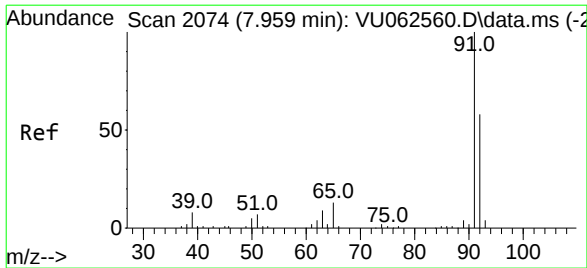
Ion Ratio Lower Upper

83 100

85 82.1 44.1 81.9#

127 0.0 6.9 10.3#





#42

Toluene

Concen: 0.100 ug/L

RT: 7.971 min Scan# 2074

Delta R.T. 0.010 min

Lab File: VU062565.D

Acq: 23 Dec 2024 14:36

Instrument :

MSVOA_U

ClientSampleId :

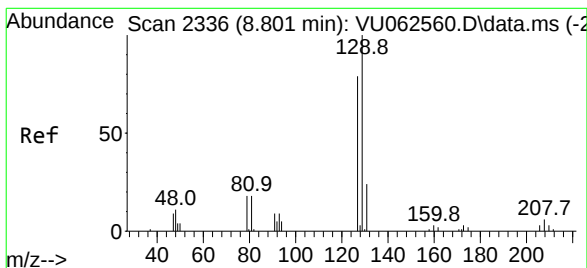
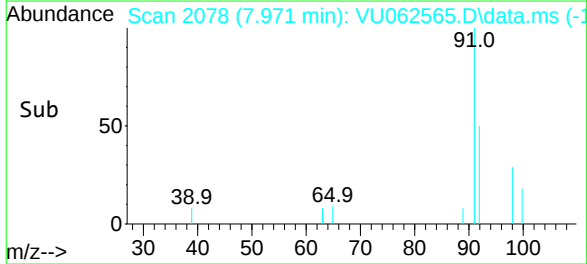
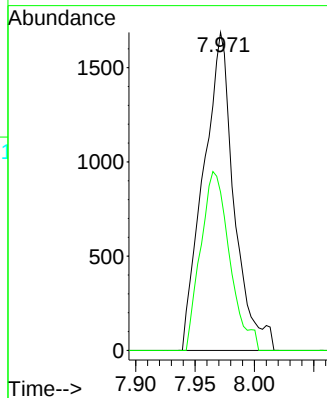
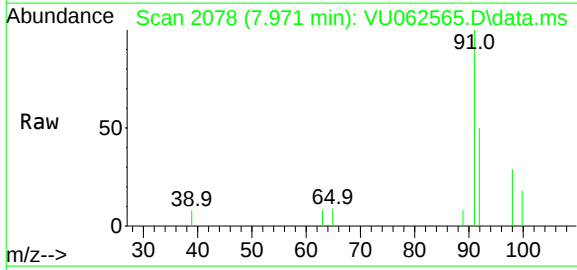
E1PK9

Tgt Ion: 91 Resp: 3030

Ion Ratio Lower Upper

91 100

92 49.8 39.0 72.4



#49

Dibromochloromethane

Concen: 0.551 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU062565.D

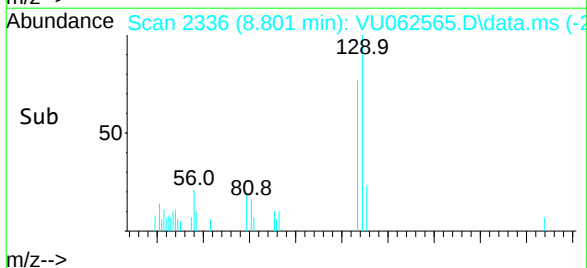
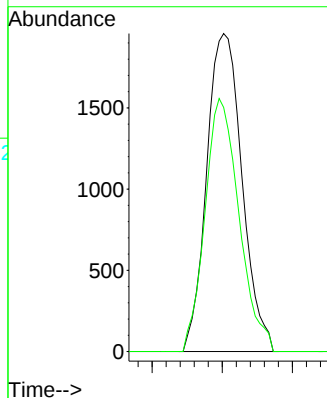
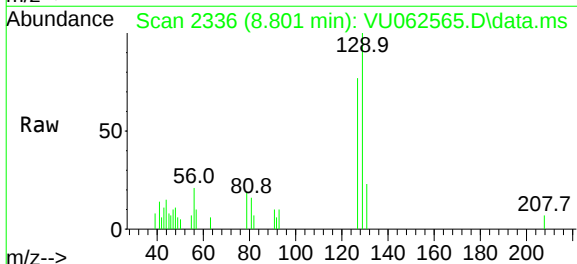
Acq: 23 Dec 2024 14:36

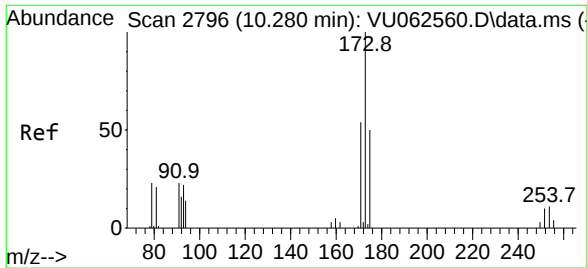
Tgt Ion: 129 Resp: 3430

Ion Ratio Lower Upper

129 100

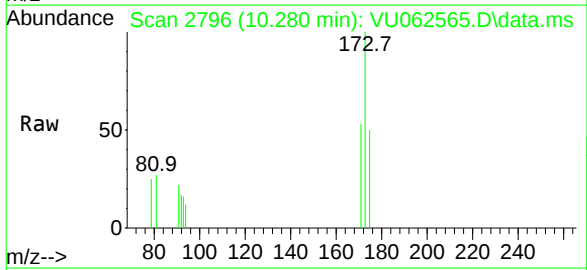
127 76.8 51.1 94.9





#59
Bromoform
Concen: 0.461 ug/L
RT: 10.280 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU062565.D
Acq: 23 Dec 2024 14:36

Instrument :
MSVOA_U
ClientSampleId :
E1PK9



Tgt Ion:	173	Resp:	1640
Ion	Ratio	Lower	Upper
173	100		
175	47.4	39.0	58.4
254	7.4	7.4	11.0

