

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062431.D
 Acq On : 18 Dec 2024 19:08
 Operator : MD/SY
 Sample : P5309-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 00:15:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 00:12:34 2024
 Response via : Initial Calibration

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

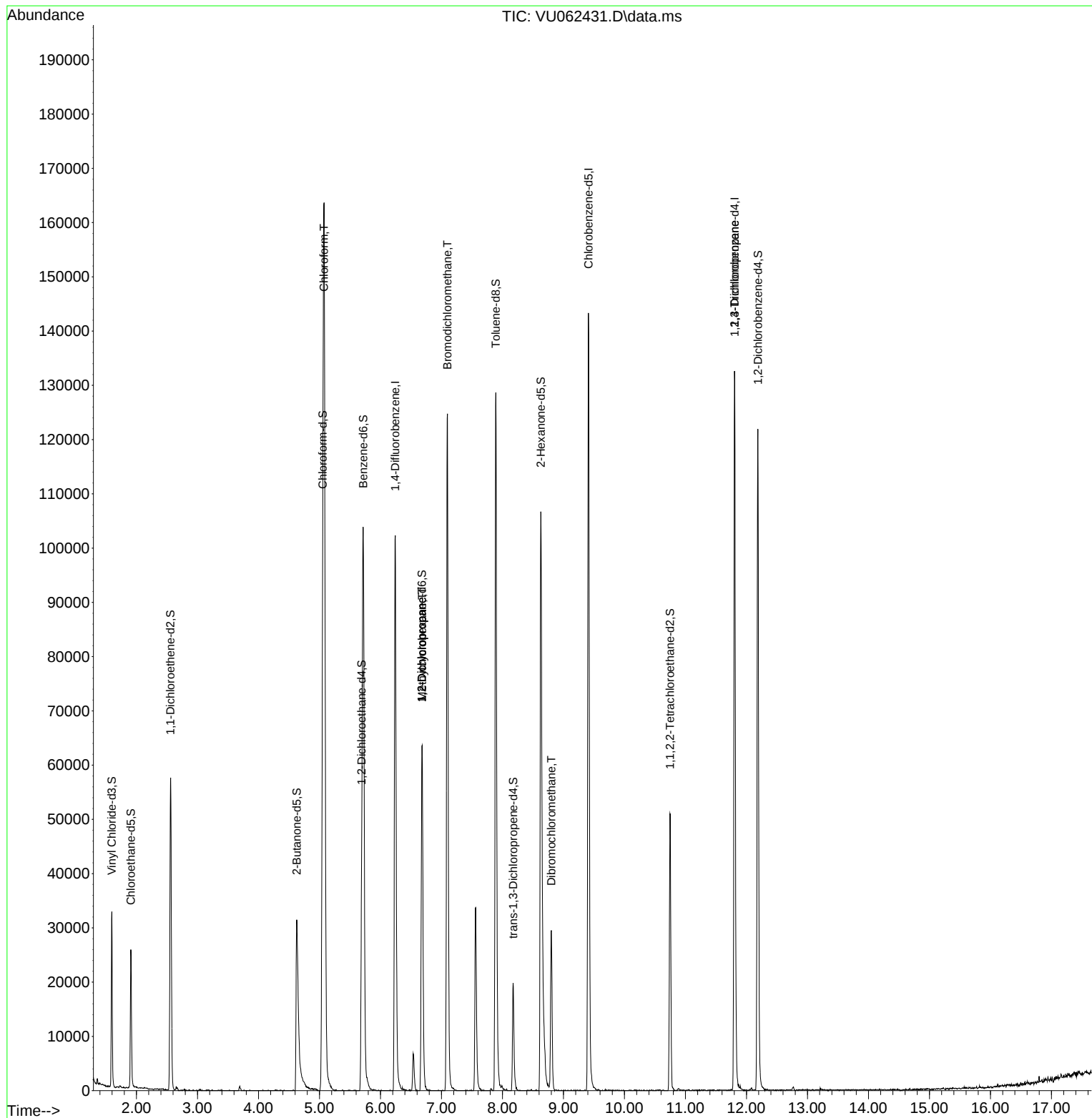
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88917	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21804	3.635	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.908	69	18241	4.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.557	65	11400	3.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.628	46	49794	43.321	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.640%
24) Chloroform-d	5.052	84	62953	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	31623	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.718	84	100745	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.679	67	29450	4.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.891	98	93038	4.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.174	79	12812	4.155	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.627	63	38996	41.915	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24154	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	35584	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
25) Chloroform	5.075	83	133262	10.464	ug/L	100
35) Methylcyclohexane	6.682	83	7752	0.701	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3725	0.581	ug/L #	87
38) Bromodichloromethane	7.097	83	82220	9.083	ug/L #	96
49) Dibromochloromethane	8.801	129	15956	2.727	ug/L	96
61) 1,2,3-Trichloropropane	11.807	75	3551	0.984	ug/L #	65

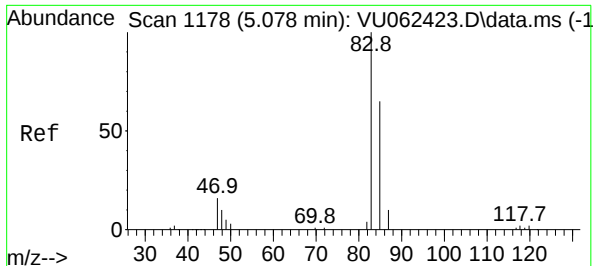
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 10.464 ug/L

RT: 5.075 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062431.D

Acq: 18 Dec 2024 19:08

Instrument :

MSVOA_U

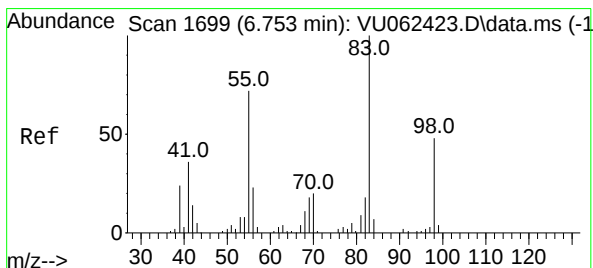
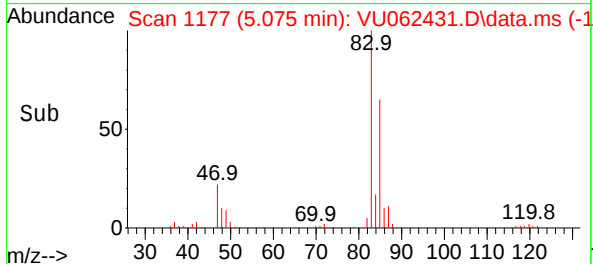
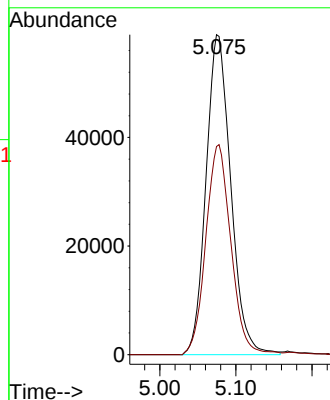
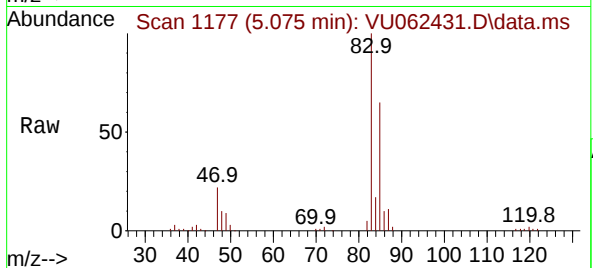
ClientSampleId :

Tgt Ion: 83 Resp: 133262

Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2



#35

Methylcyclohexane

Concen: 0.701 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU062431.D

Acq: 18 Dec 2024 19:08

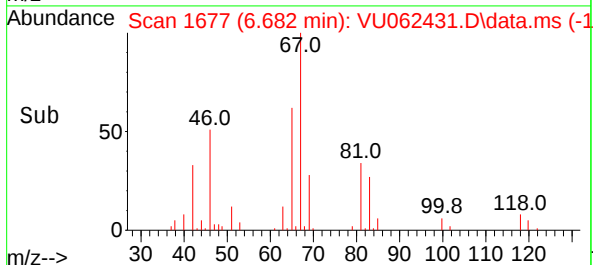
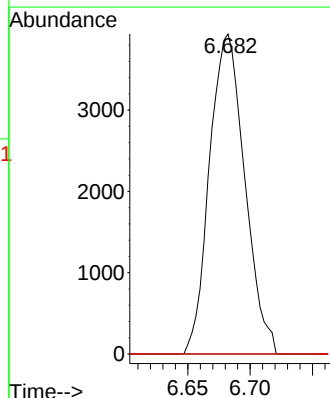
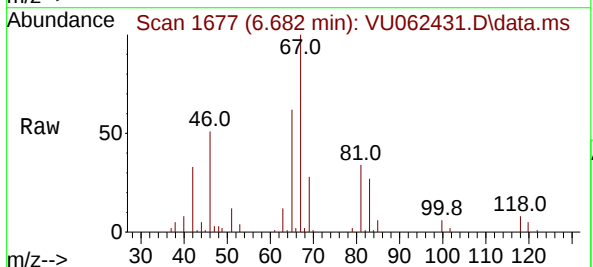
Tgt Ion: 83 Resp: 7752

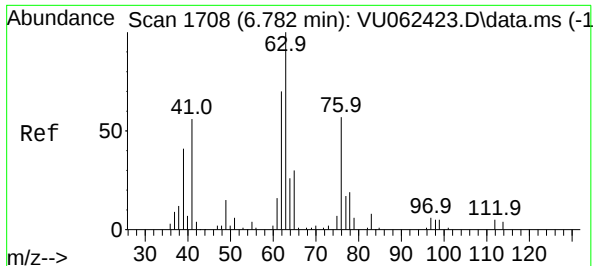
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 1.7 34.8 52.2#

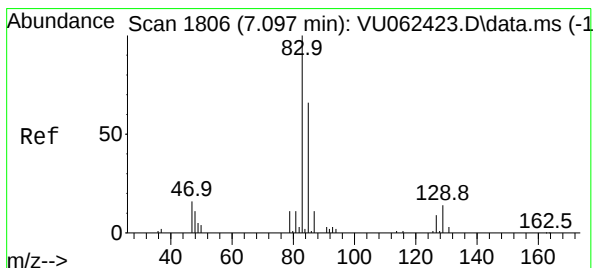
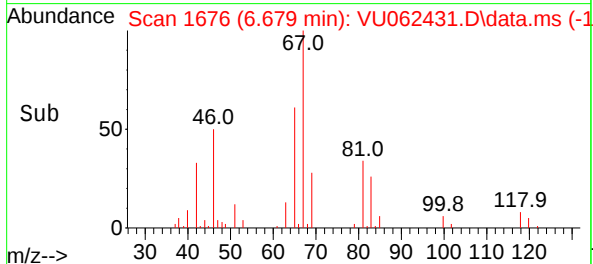
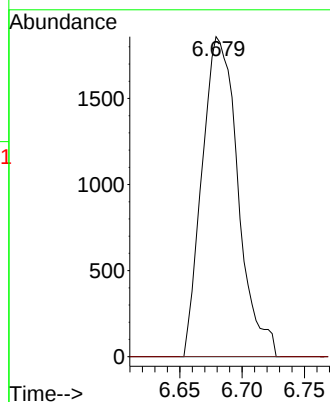
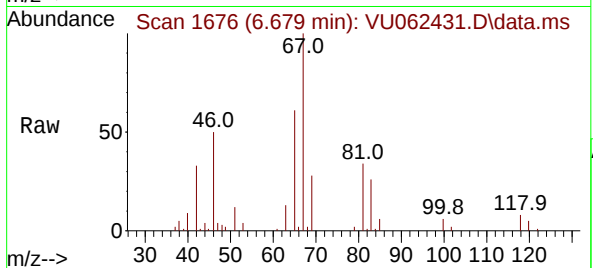




#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.679 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU062431.D
Acq: 18 Dec 2024 19:08

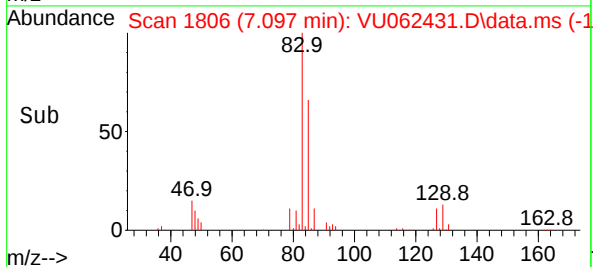
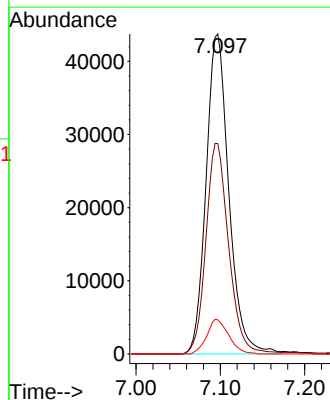
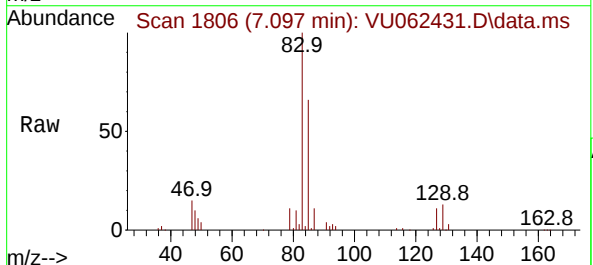
Instrument :
MSVOA_U
ClientSampleId :

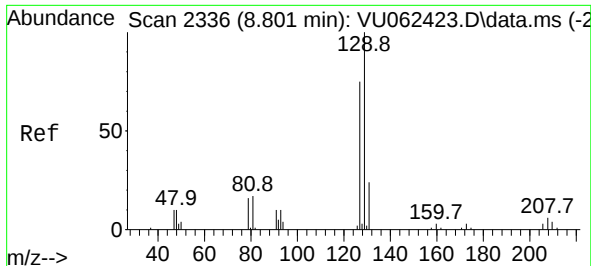
Tgt Ion: 63 Resp: 3725
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 9.083 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062431.D
Acq: 18 Dec 2024 19:08

Tgt Ion: 83 Resp: 82220
Ion Ratio Lower Upper
83 100
85 65.7 44.1 81.9
127 10.6 6.9 10.3#





#49

Dibromochloromethane

Concen: 2.727 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU062431.D

Acq: 18 Dec 2024 19:08

Instrument :

MSVOA_U

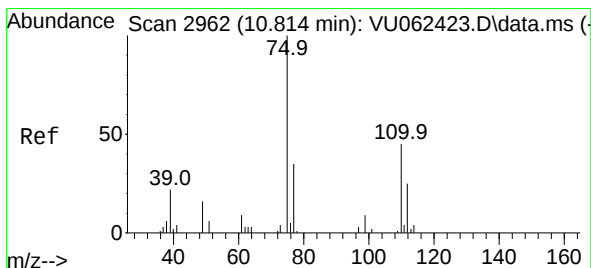
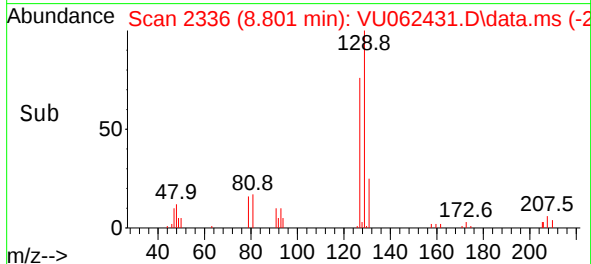
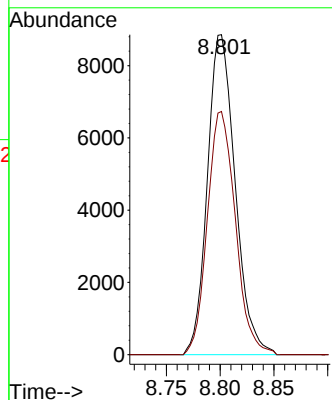
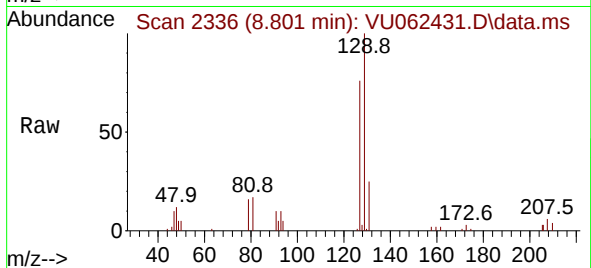
ClientSampleId :

Tgt Ion:129 Resp: 15956

Ion Ratio Lower Upper

129 100

127 76.0 51.1 94.9



#61

1,2,3-Trichloropropane

Concen: 0.984 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU062431.D

Acq: 18 Dec 2024 19:08

Tgt Ion: 75 Resp: 3551

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 36.7 26.5 39.7

