

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060979.D
 Acq On : 23 Sep 2024 17:15
 Operator : MD/SY
 Sample : P4107-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:11:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

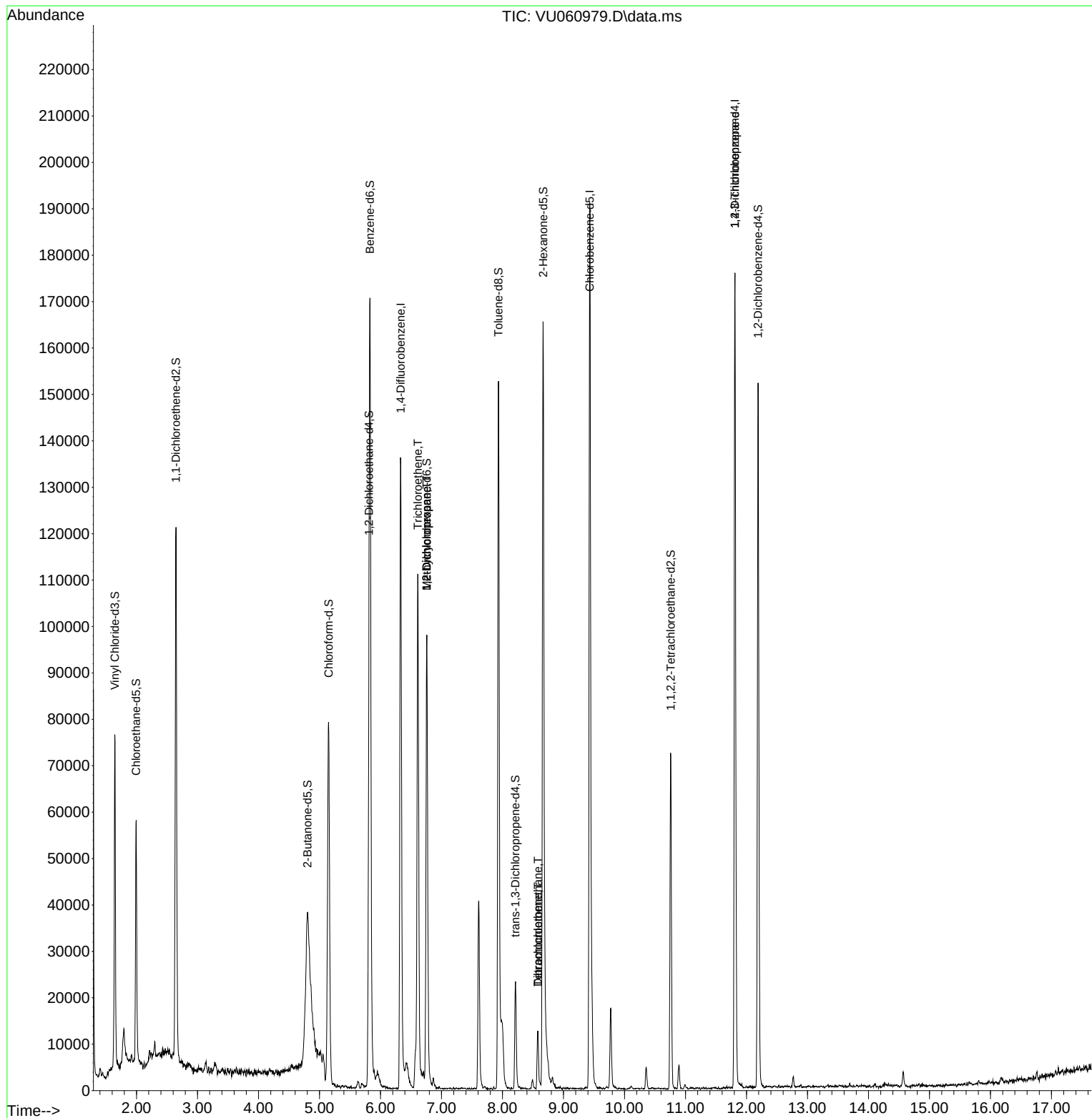
Internal Standards						
1) 1,4-Difluorobenzene	6.328	114	114060	5.000	ug/L	0.09
28) Chlorobenzene-d5	9.431	117	128358	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.811	152	53026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.644	65	55673	5.427	ug/L	0.05
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.600%
7) Chloroethane-d5	1.994	69	43109	5.902	ug/L	0.09
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.000%
11) 1,1-Dichloroethene-d2	2.647	65	22519	6.193	ug/L	0.09
Spiked Amount	5.000	Range	60 - 125	Recovery	=	123.800%
20) 2-Butanone-d5	4.804	46	101264	61.486	ug/L	0.18
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.980%
24) Chloroform-d	5.148	84	82503	5.261	ug/L	0.09
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.811	65	38500	5.136	ug/L	0.12
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.827	84	148953	4.330	ug/L	0.11
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.759	67	50229	4.719	ug/L	0.08
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.933	98	113319	3.613	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.213	79	15518	4.050	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.666	63	61562	40.731	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.460%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	38572	4.625	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	42954	4.821	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
34) Trichloroethene	6.611	95	38815	4.195	ug/L	98
35) Methylcyclohexane	6.759	83	11615	0.915	ug/L #	22
37) 1,2-Dichloropropane	6.759	63	4980	0.512	ug/L #	96
47) Tetrachloroethene	8.579	164	3123	0.425	ug/L	90
49) Dibromochloromethane	8.579	129	2738	0.343	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	6128	1.239	ug/L #	67

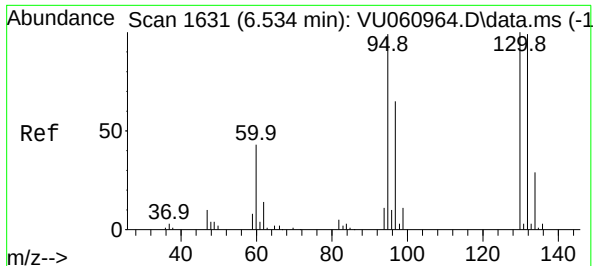
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 4.195 ug/L

RT: 6.611 min Scan# 1

Delta R.T. 0.077 min

Lab File: VU060979.D

Acq: 23 Sep 2024 17:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 38815

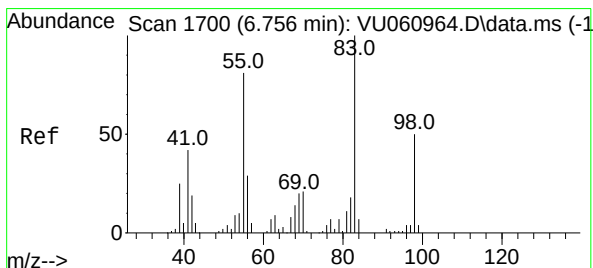
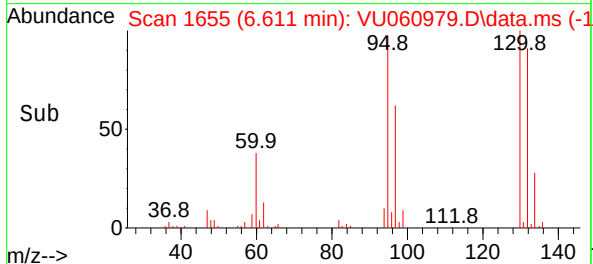
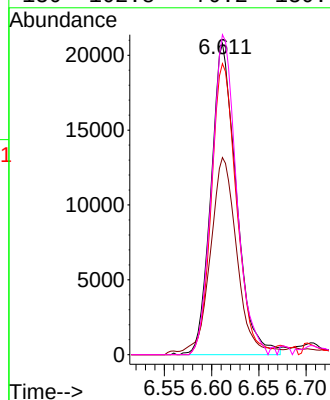
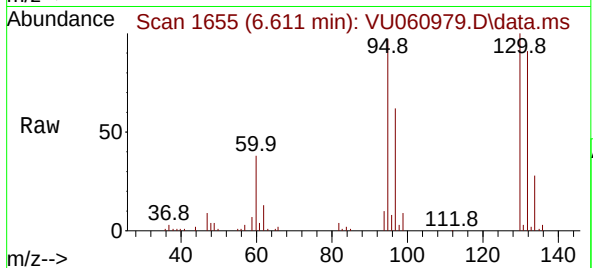
Ion Ratio Lower Upper

95 100

97 63.3 44.9 83.5

132 93.5 63.5 117.9

130 102.8 70.2 130.4



#35

Methylcyclohexane

Concen: 0.915 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU060979.D

Acq: 23 Sep 2024 17:15

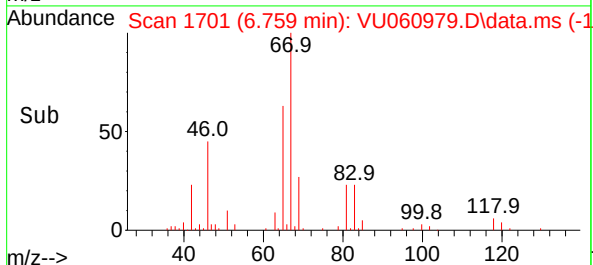
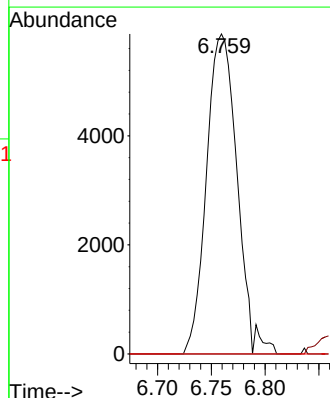
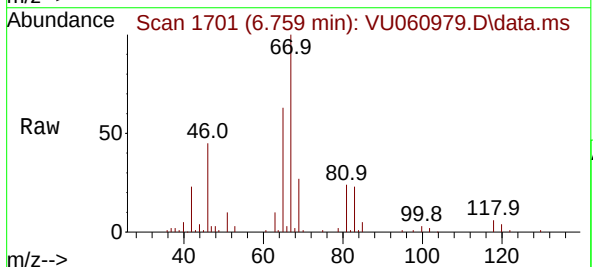
Tgt Ion: 83 Resp: 11615

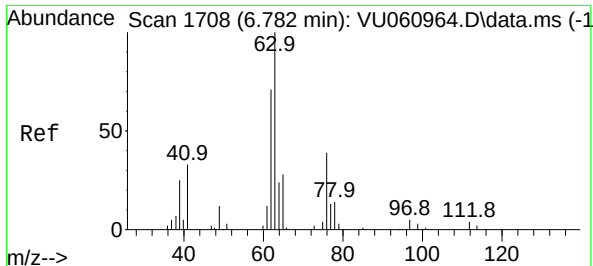
Ion Ratio Lower Upper

83 100

55 5.7 62.6 94.0#

98 0.0 37.6 56.4#

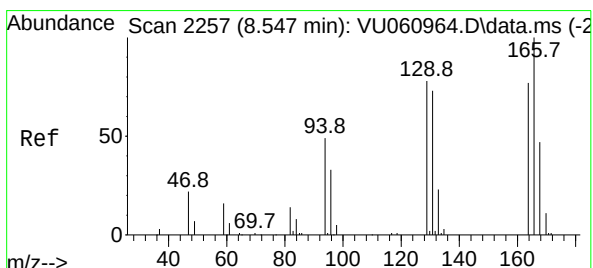
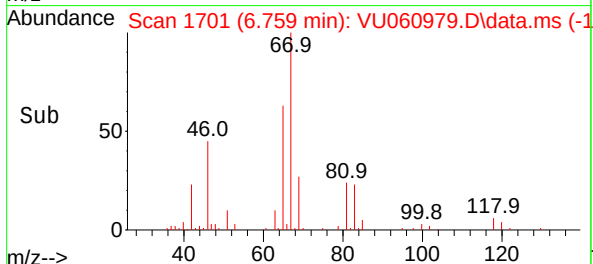
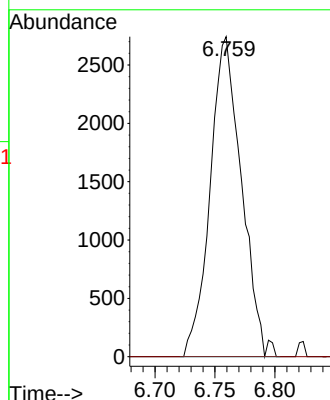
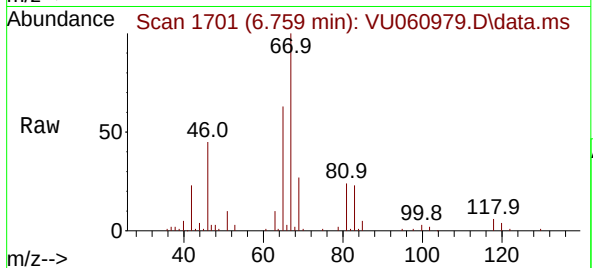




#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.759 min Scan# 1
Delta R.T. -0.023 min
Lab File: VU060979.D
Acq: 23 Sep 2024 17:15

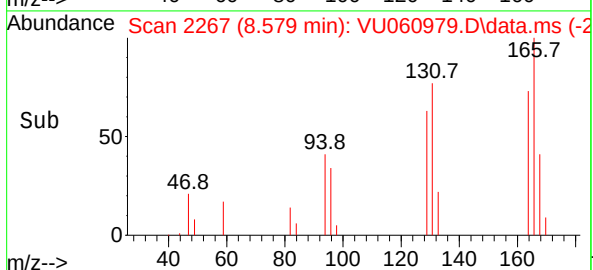
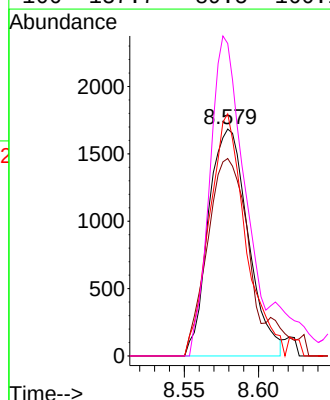
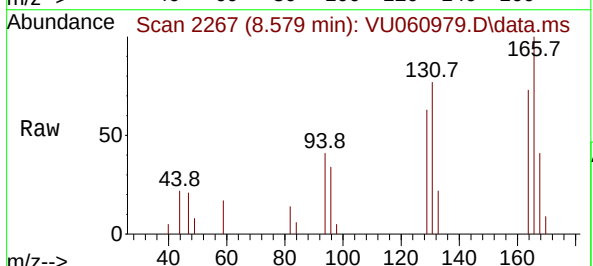
Instrument :
MSVOA_U
ClientSampleId :

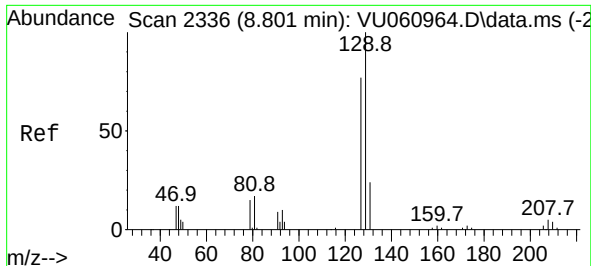
Tgt Ion: 63 Resp: 4980
Ion Ratio Lower Upper
63 100
112 1.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 0.425 ug/L
RT: 8.579 min Scan# 2267
Delta R.T. 0.032 min
Lab File: VU060979.D
Acq: 23 Sep 2024 17:15

Tgt Ion:164 Resp: 3123
Ion Ratio Lower Upper
164 100
129 87.0 67.3 124.9
131 106.7 65.4 121.4
166 137.7 89.5 166.1





#49

Dibromochloromethane

Concen: 0.343 ug/L

RT: 8.579 min Scan# 21

Delta R.T. -0.222 min

Lab File: VU060979.D

Acq: 23 Sep 2024 17:15

Instrument :

MSVOA_U

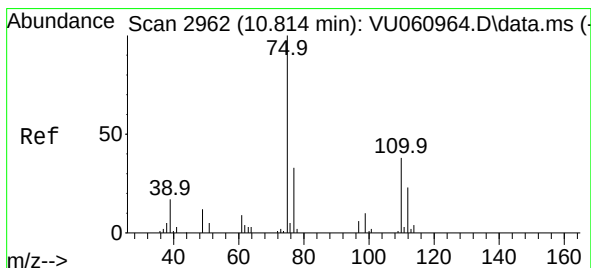
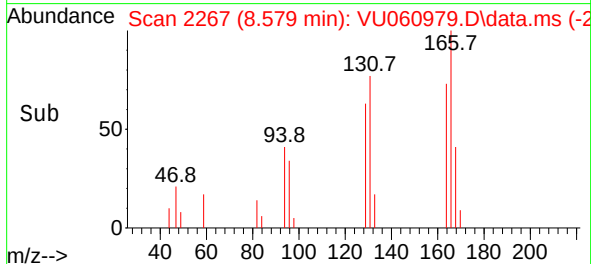
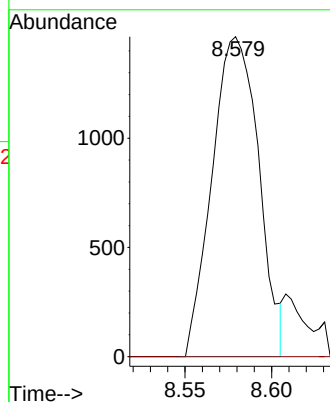
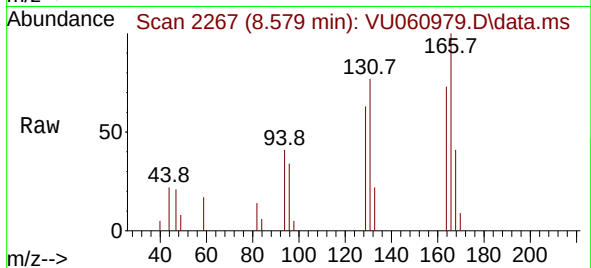
ClientSampleId :

Tgt Ion:129 Resp: 2738

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.239 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.997 min

Lab File: VU060979.D

Acq: 23 Sep 2024 17:15

Tgt Ion: 75 Resp: 6128

Ion Ratio Lower Upper

75 100

110 0.3 28.6 43.0#

77 30.9 26.3 39.5

