

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060164.D
 Acq On : 24 Jul 2024 19:27
 Operator : MD/SY
 Sample : P3344-01 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 05:16:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

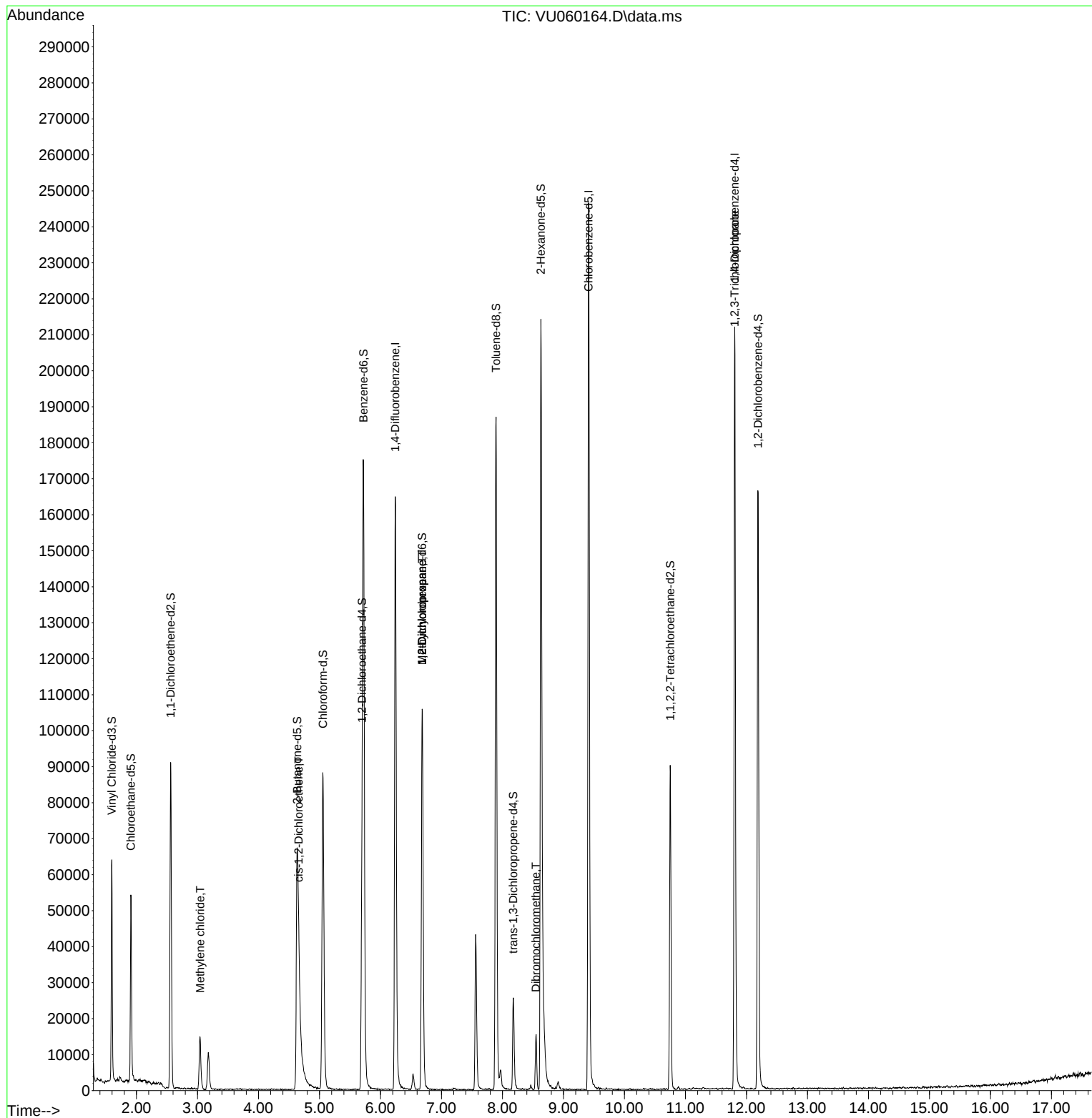
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	137441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	58220	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43765	4.577	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.908	69	39886	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	17385	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.634	46	112135	50.157	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.320%
24) Chloroform-d	5.055	84	83874	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.698	65	43982	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	167405	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.682	67	56010	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.895	98	132393	3.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.177	79	16761	3.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.631	63	77208	40.942	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	46899	4.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	47998	4.567	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	7999	0.622	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	3374	0.276	ug/L	91
35) Methylcyclohexane	6.682	83	12611	0.751	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	5537	0.424	ug/L #	88
49) Dibromochloromethane	8.547	129	3108	0.282	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	7199	1.173	ug/L #	64

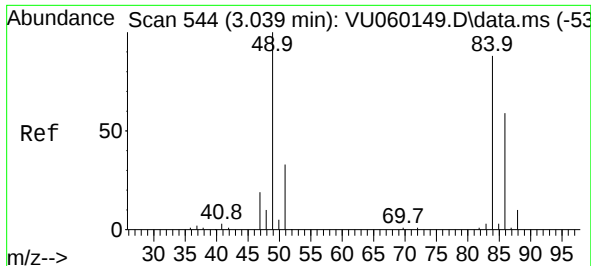
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.622 ug/L

RT: 3.043 min Scan# 544

Delta R.T. 0.003 min

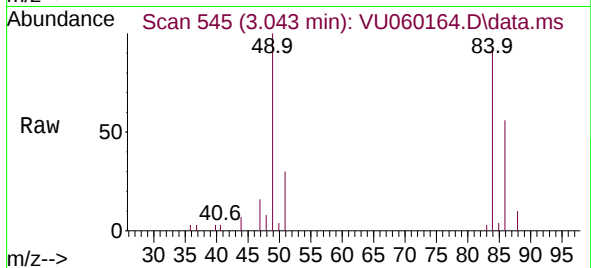
Lab File: VU060164.D

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Instrument :

MSVOA_U

ClientSampleId :



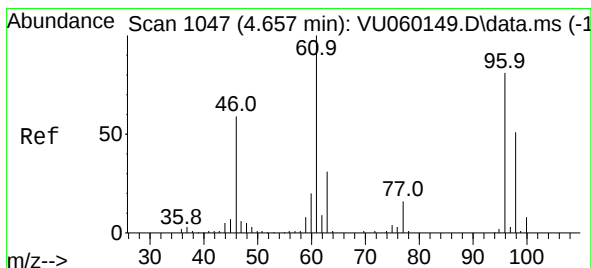
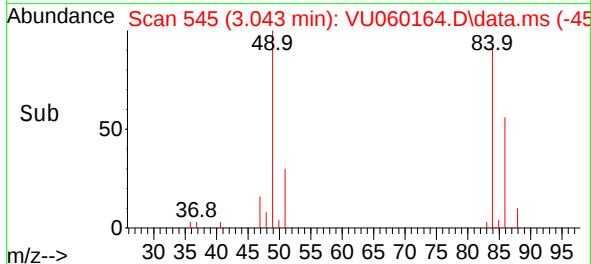
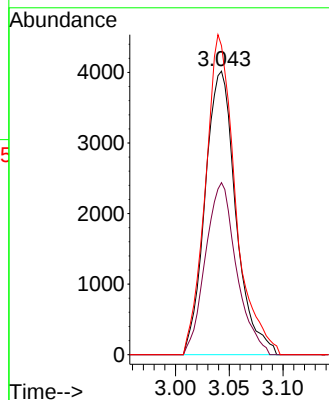
Tgt Ion: 84 Resp: 7999

Ion Ratio Lower Upper

84 100

86 60.7 44.4 82.5

49 109.0 72.0 133.6



#22

cis-1,2-Dichloroethene

Concen: 0.276 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU060164.D

Acq: 24 Jul 2024 19:27

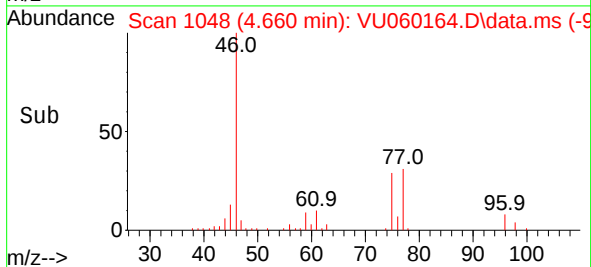
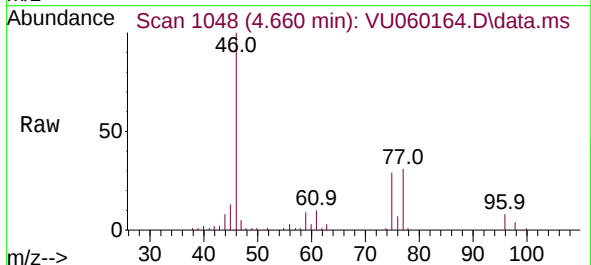
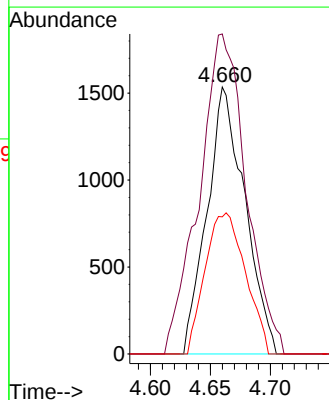
Tgt Ion: 96 Resp: 3374

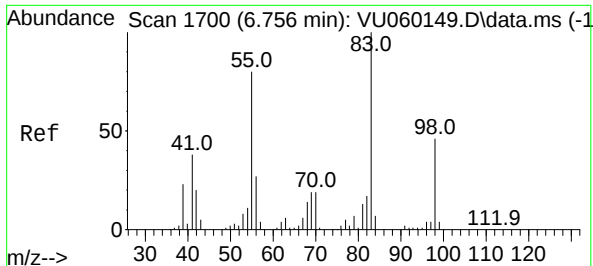
Ion Ratio Lower Upper

96 100

61 119.9 80.2 148.9

98 51.4 44.7 83.1

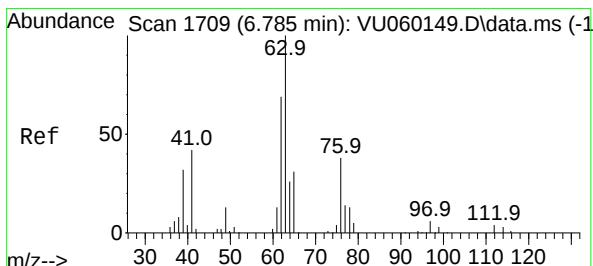
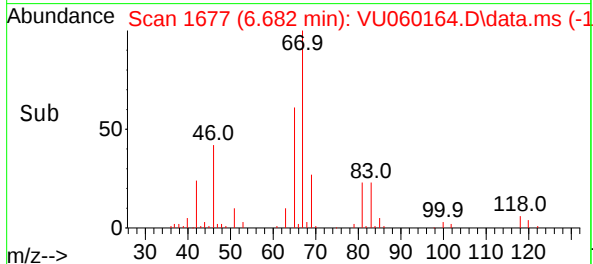
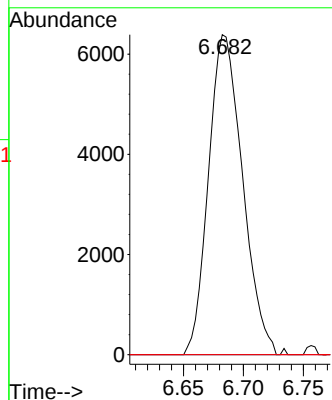
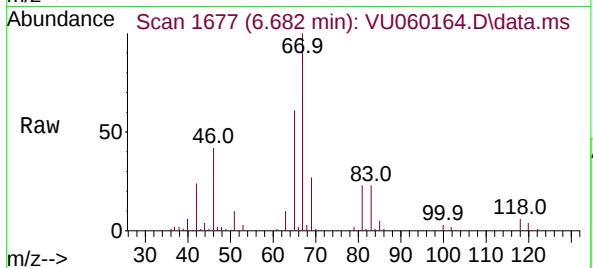




#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060164.D
Acq: 24 Jul 2024 19:27

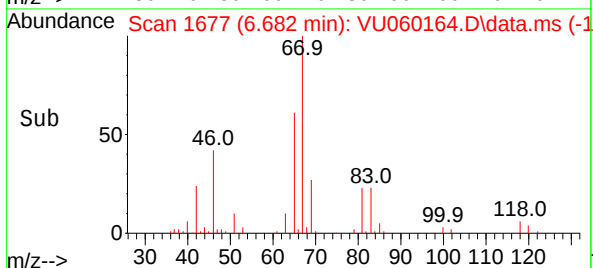
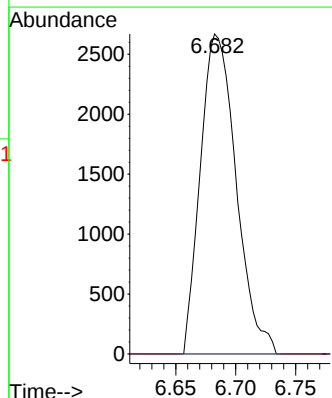
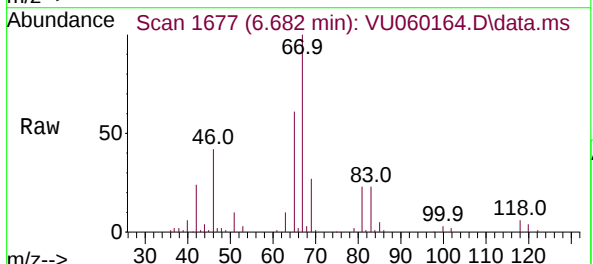
Instrument :
MSVOA_U
ClientSampleId :

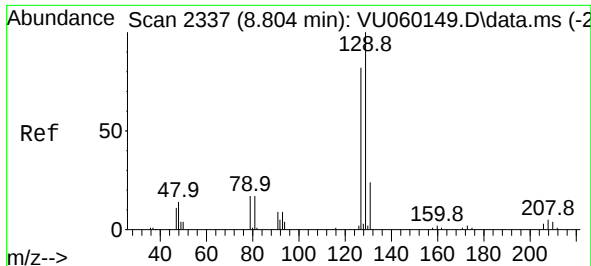
Tgt Ion: 83 Resp: 12611
Ion Ratio Lower Upper
83 100
55 0.0 56.7 85.1#
98 0.8 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.424 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU060164.D
Acq: 24 Jul 2024 19:27

Tgt Ion: 63 Resp: 5537
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#49

Dibromochloromethane

Concen: 0.282 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU060164.D

Acq: 24 Jul 2024 19:27

Instrument :

MSVOA_U

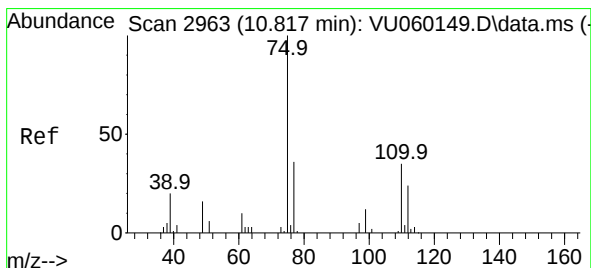
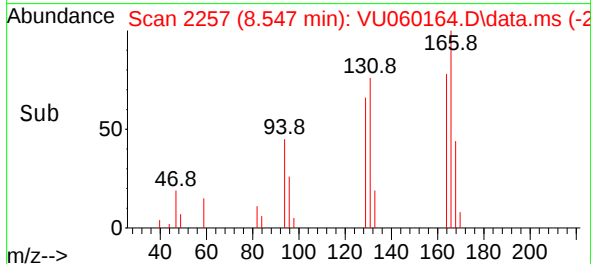
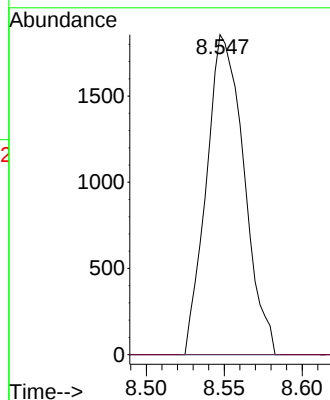
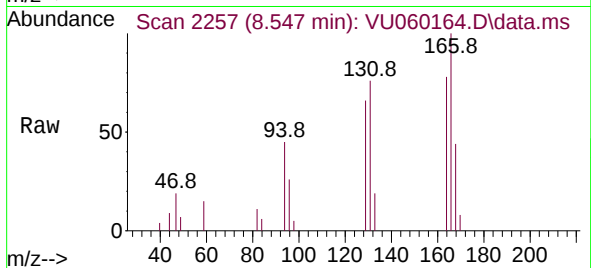
ClientSampleId :

Tgt Ion:129 Resp: 3108

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



#61

1,2,3-Trichloropropane

Concen: 1.173 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU060164.D

Acq: 24 Jul 2024 19:27

Tgt Ion: 75 Resp: 7199

Ion Ratio Lower Upper

75 100

110 0.0 30.8 46.2#

77 30.4 26.2 39.2

