

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063200.D
 Acq On : 06 Feb 2025 17:01
 Operator : MD/SY
 Sample : Q1291-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 07:31:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 07 07:28:28 2025
 Response via : Initial Calibration

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

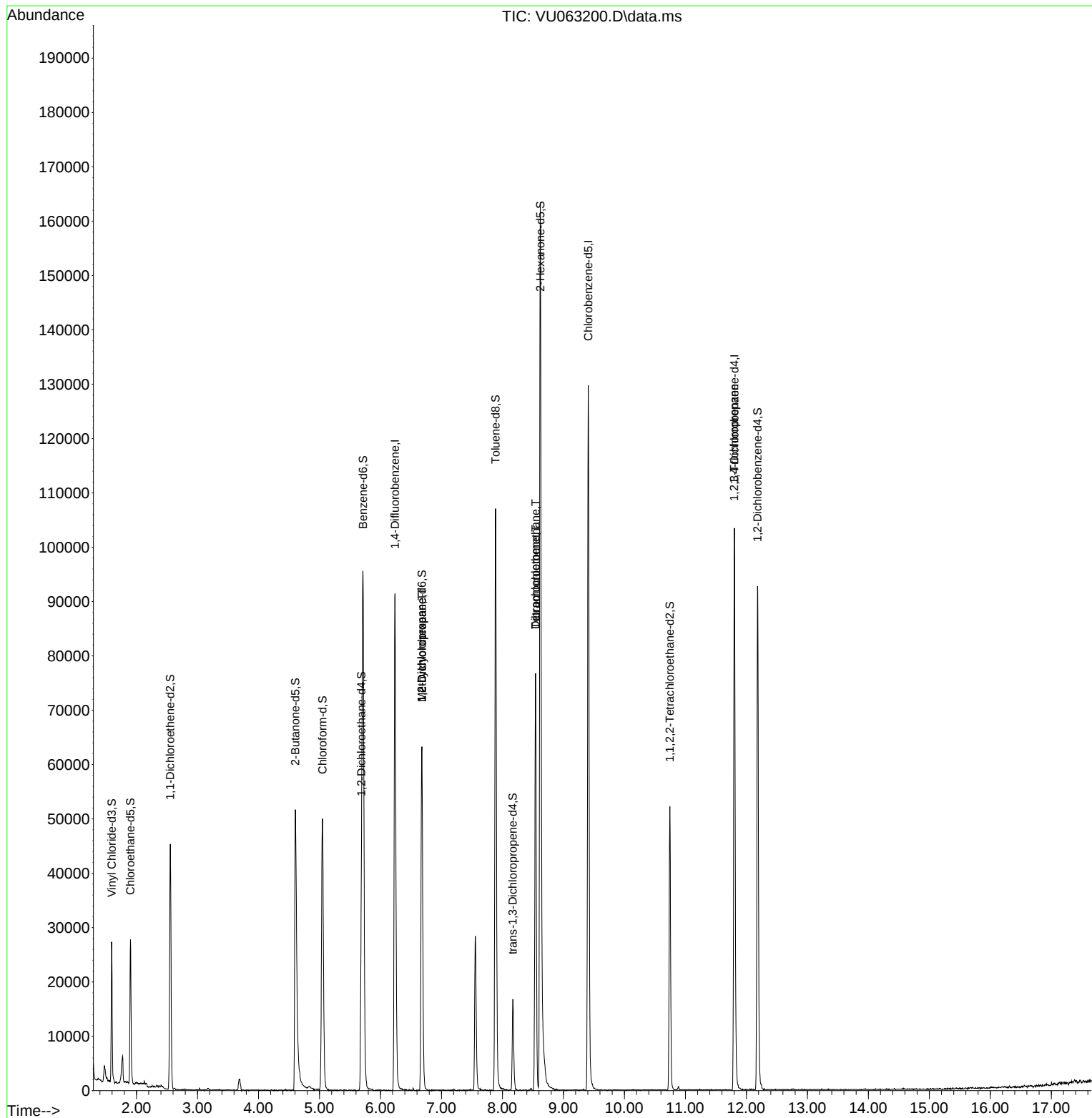
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	76086	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	73579	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	29246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17901	4.113	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.901	69	19594	4.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.554	65	8915	4.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.605	46	80084	55.896	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.800%
24) Chloroform-d	5.049	84	48516	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.689	65	26015	5.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.714	84	91554	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.679	67	31664	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.888	98	73863	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.171	79	10548	4.449	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.621	63	57144	47.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27672	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	26222	5.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.679	83	7020	0.762	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	3366	0.521	ug/L #	90
47) Tetrachloroethene	8.544	164	17169	3.975	ug/L	94
49) Dibromochloromethane	8.544	129	15777	3.143	ug/L #	11
61) 1,2,3-Trichloropropane	11.801	75	3707	1.050	ug/L #	68

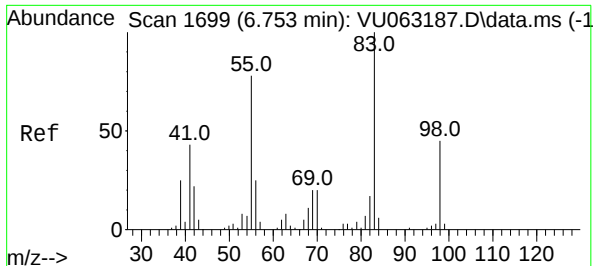
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU063200.D

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MSVOA_U

ClientSampleId :

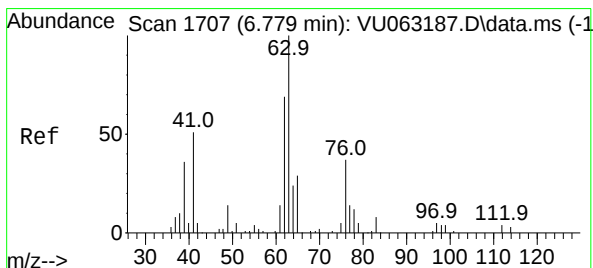
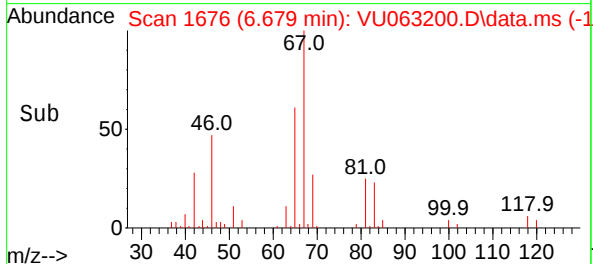
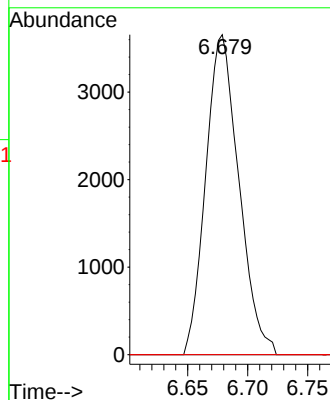
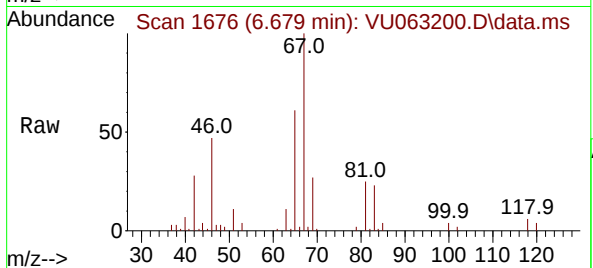
Tgt Ion: 83 Resp: 7020

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.0 36.0 54.0#



#37

1,2-Dichloropropane

Concen: 0.521 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.100 min

Lab File: VU063200.D

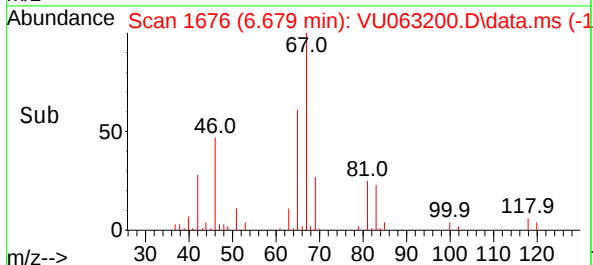
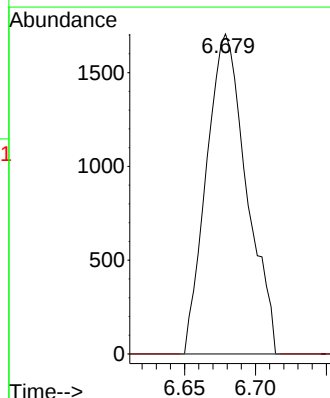
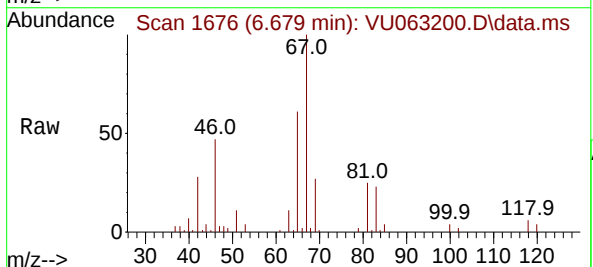
Acq: 06 Feb 2025 17:01

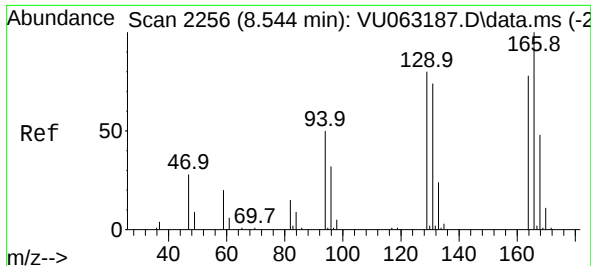
Tgt Ion: 63 Resp: 3366

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#47

Tetrachloroethene

Concen: 3.975 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

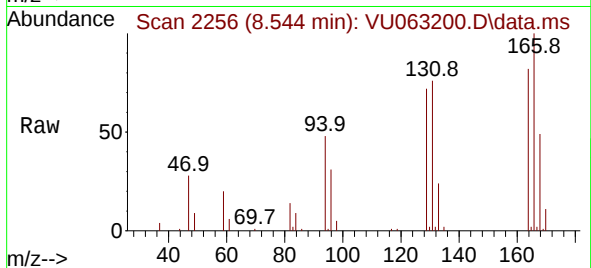
Lab File: VU063200.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 17169

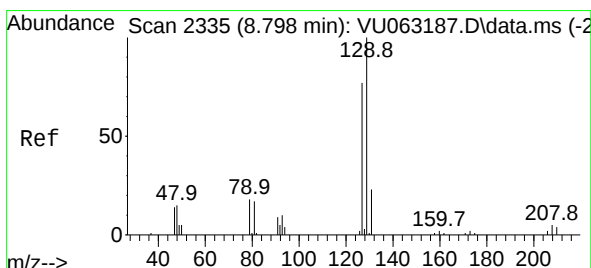
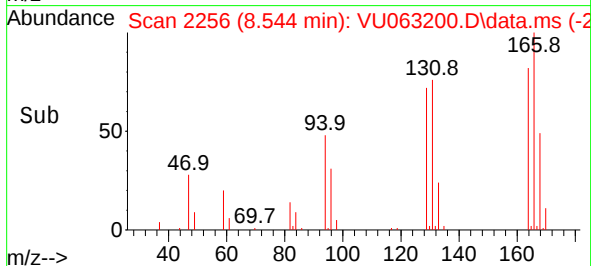
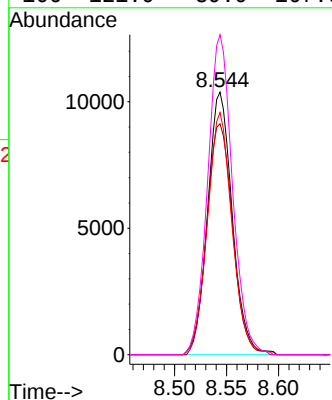
Ion Ratio Lower Upper

164 100

129 87.9 68.6 127.4

131 92.3 66.5 123.5

166 121.9 89.9 167.0



#49

Dibromochloromethane

Concen: 3.143 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.254 min

Lab File: VU063200.D

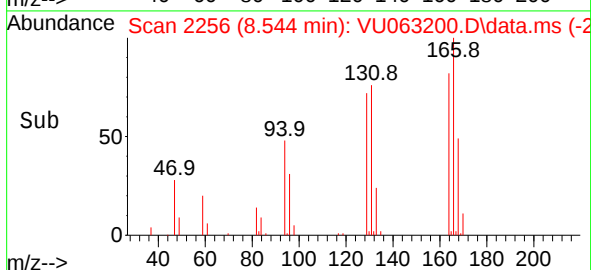
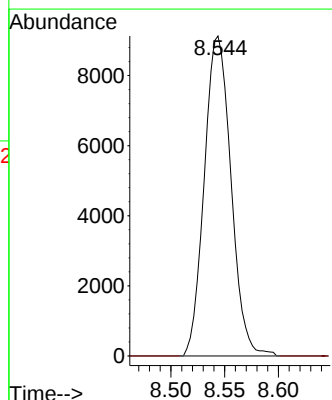
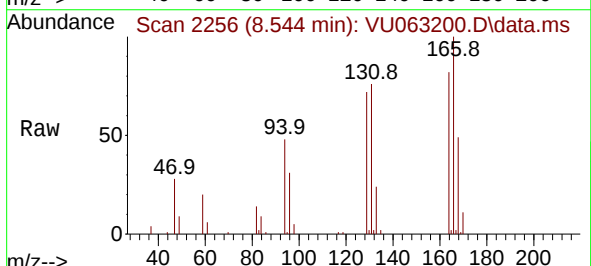
Acq: 06 Feb 2025 17:01

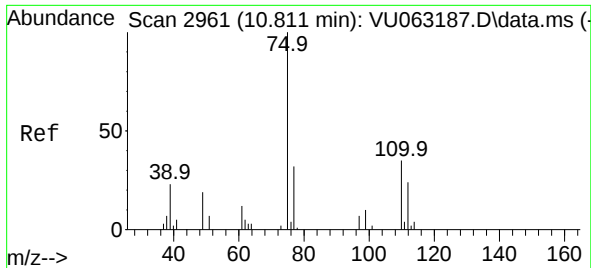
Tgt Ion:129 Resp: 15777

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#





#61

1,2,3-Trichloropropane

Concen: 1.050 ug/L

RT: 11.801 min Scan# 31

Delta R.T. 0.990 min

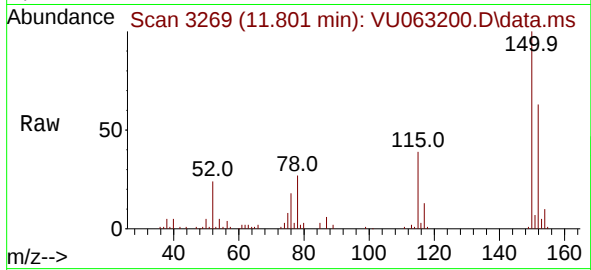
Lab File: VU063200.D

Acq: 06 Feb 2025 17:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	3707
Ion	Ratio	Lower	Upper
75	100		
110	0.0	27.4	41.0#
77	31.1	26.3	39.5

