

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058489.D
 Acq On : 08 Apr 2024 23:41
 Operator : MD/SY
 Sample : P2013-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:52:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

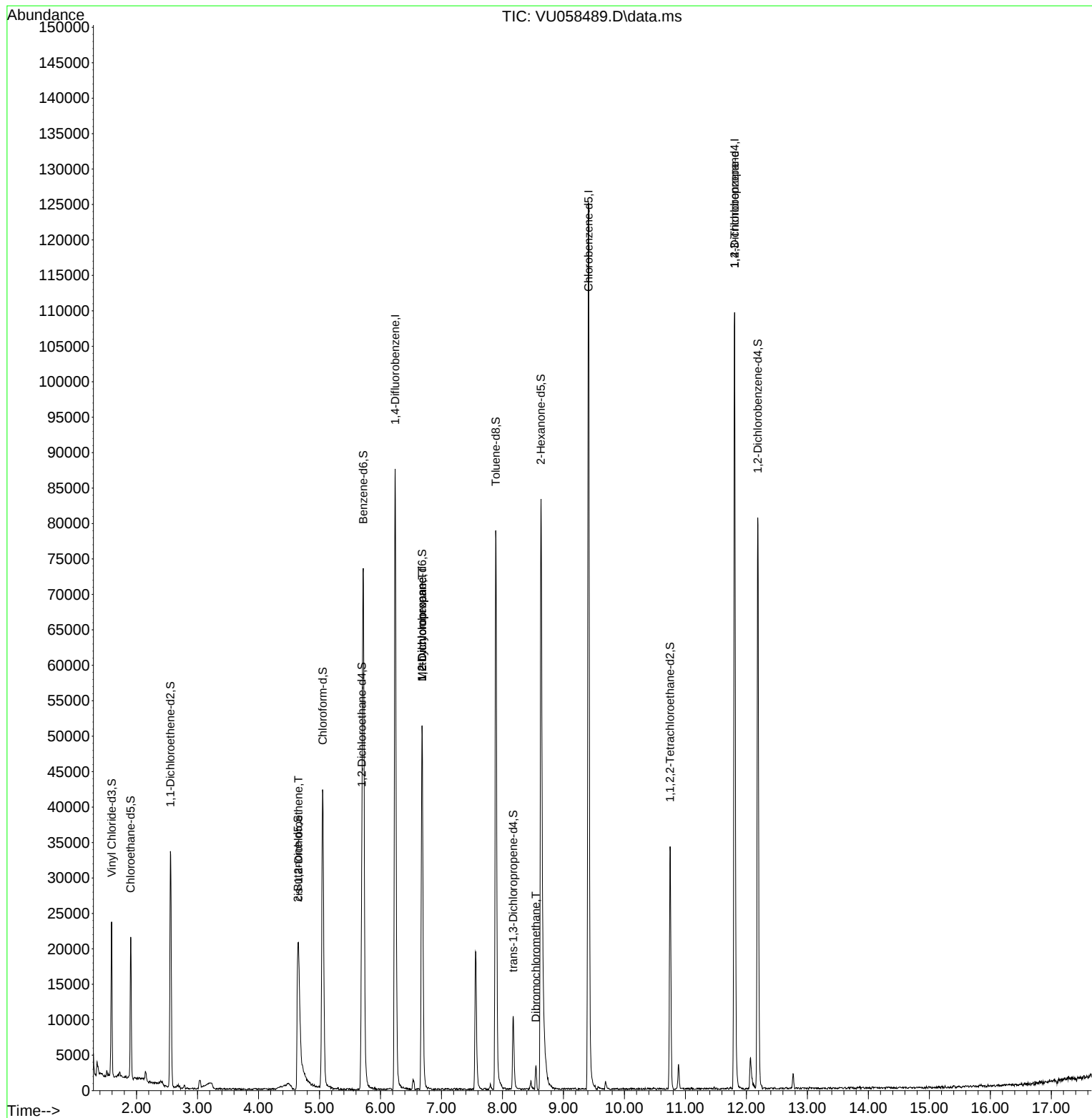
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68610	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	13869	3.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.904	69	13930	3.529	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.557	65	6848	3.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	4.647	46	40143	41.935	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.860%
24) Chloroform-d	5.052	84	39712	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.695	65	18904	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.718	84	67557	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.682	67	25314	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	53957	3.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	8.177	79	6548	3.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.631	63	31989	44.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17972	4.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	20541	4.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.656	96	2164	0.378	ug/L	90
35) Methylcyclohexane	6.682	83	5242	0.567	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2682	0.419	ug/L #	90
49) Dibromochloromethane	8.547	129	647	0.150	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4095	1.408	ug/L #	68

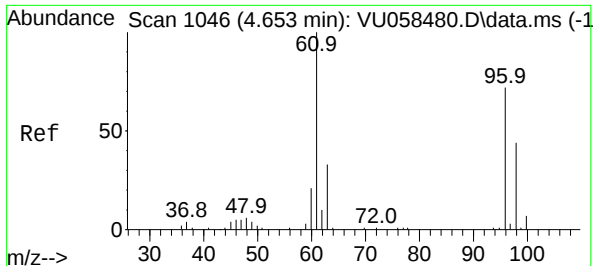
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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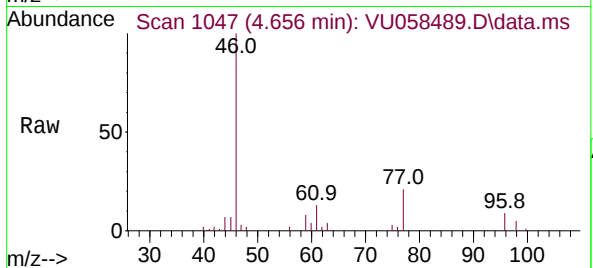
Quant Time: Apr 09 05:52:30 2024
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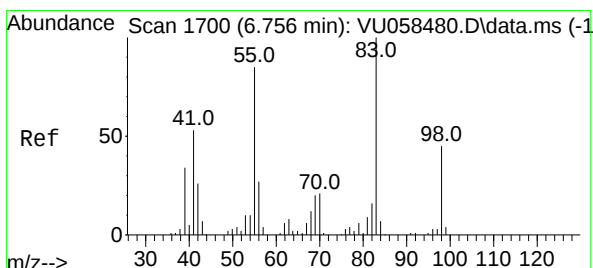
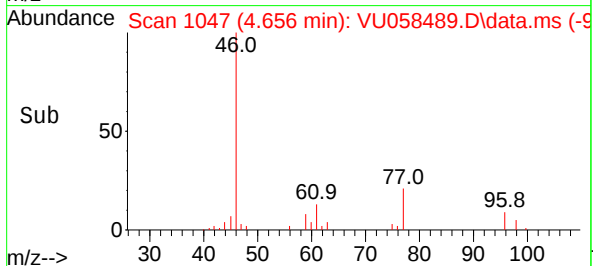
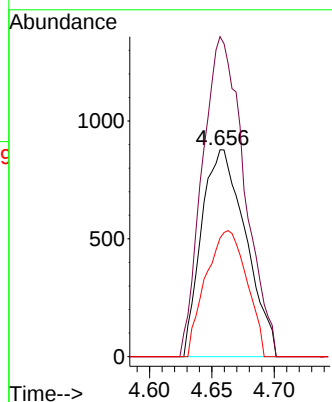


#22
 cis-1,2-Dichloroethene
 Concen: 0.378 ug/L
 RT: 4.656 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU058489.D
 Acq: 08 Apr 2024 23:41

Instrument :
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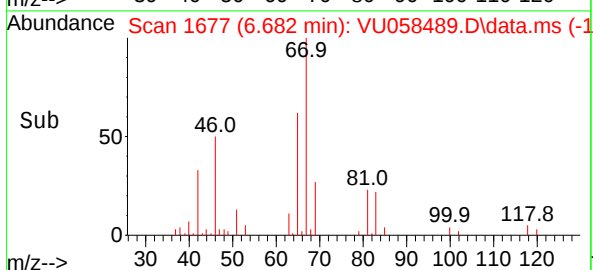
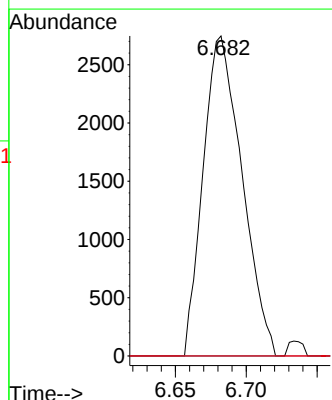
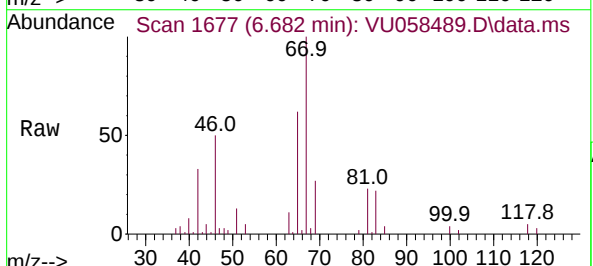


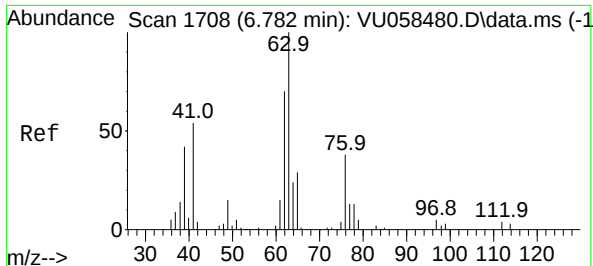
Tgt Ion: 96 Resp: 2164
 Ion Ratio Lower Upper
 96 100
 61 154.7 98.1 182.3
 98 57.3 43.6 81.0



#35
 Methylcyclohexane
 Concen: 0.567 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU058489.D
 Acq: 08 Apr 2024 23:41

Tgt Ion: 83 Resp: 5242
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.4#
 98 0.0 34.6 52.0#

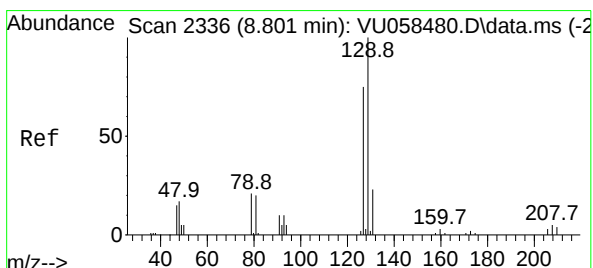
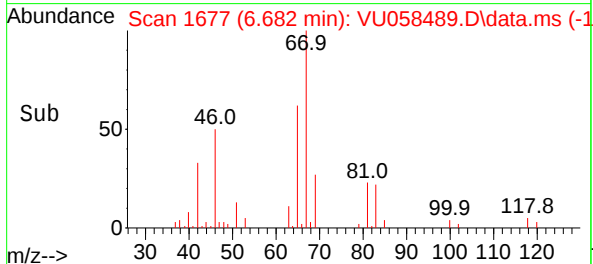
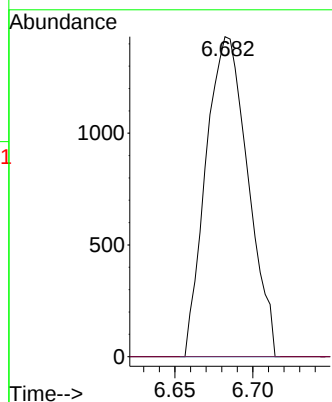
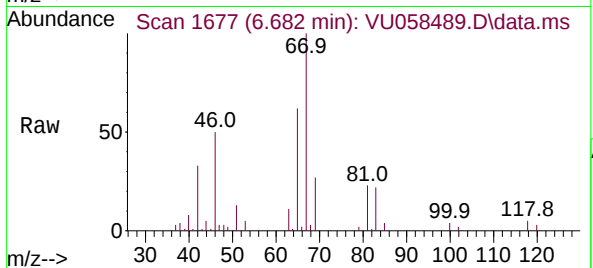




#37
1,2-Dichloropropane
Concen: 0.419 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058489.D
Acq: 08 Apr 2024 23:41

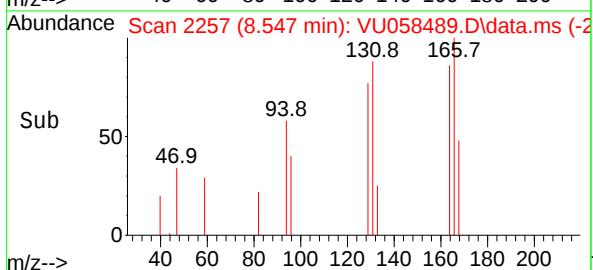
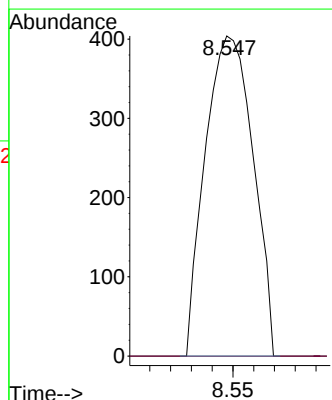
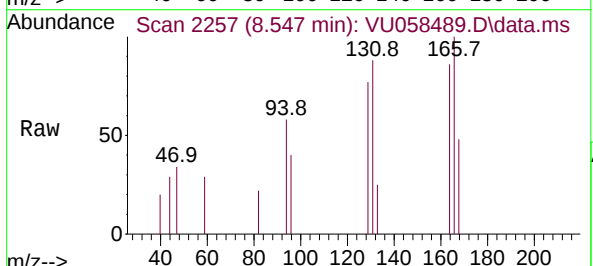
Instrument :
MSVOA_U
ClientSampleId :

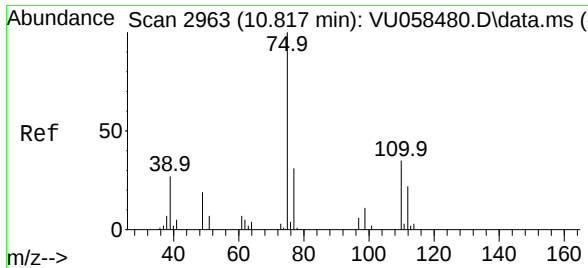
Tgt Ion: 63 Resp: 2682
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#49
Dibromochloromethane
Concen: 0.150 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU058489.D
Acq: 08 Apr 2024 23:41

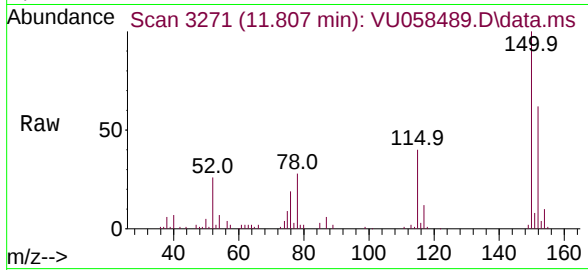
Tgt Ion: 129 Resp: 647
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.408 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058489.D
Acq: 08 Apr 2024 23:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4095
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 34.5 25.1 37.7

