

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058205.D
 Acq On : 22 Mar 2024 20:43
 Operator : MD/SY
 Sample : P1841-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 23:48:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

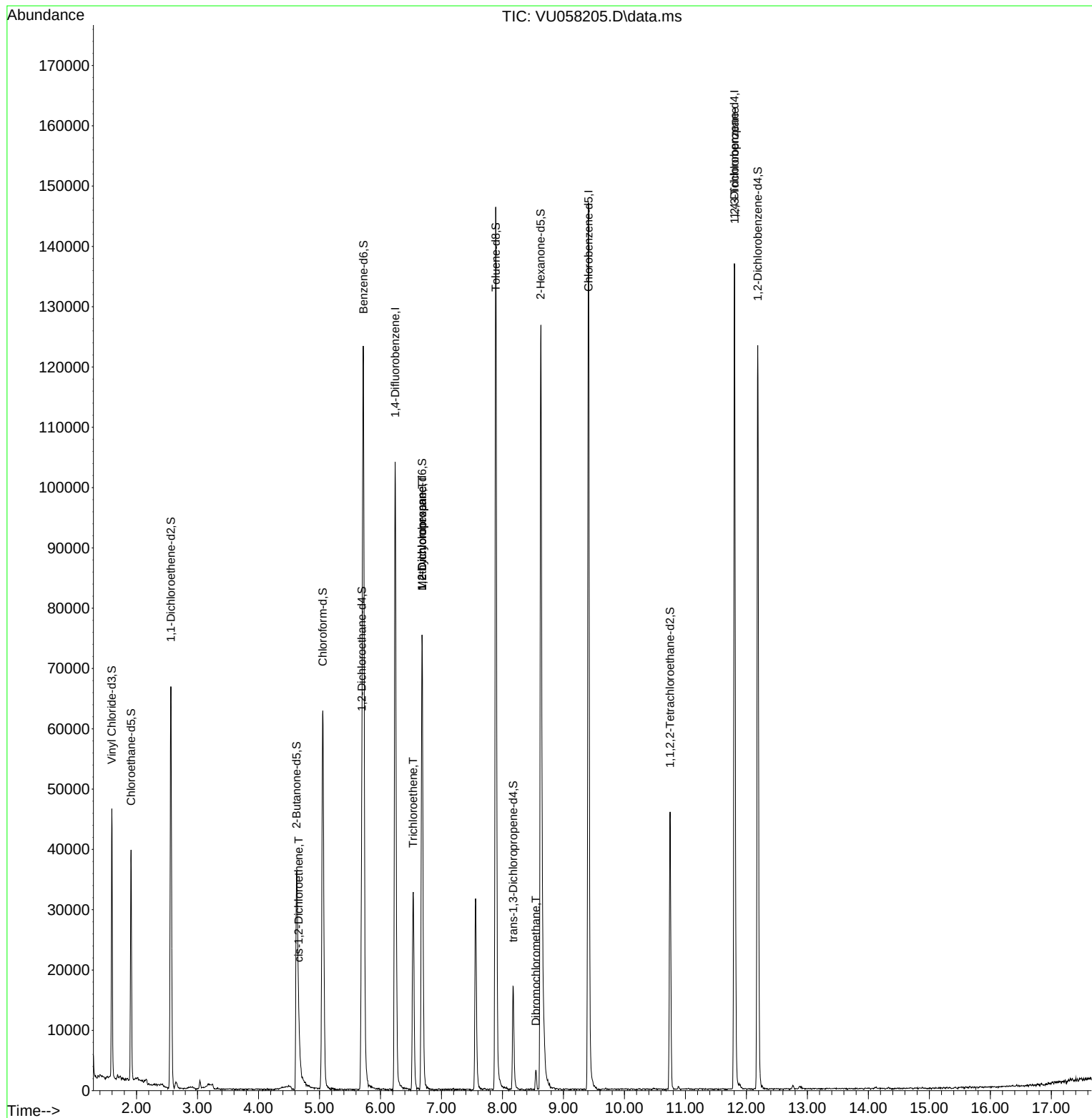
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86671	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83805	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36702	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30826	4.209	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.911	69	26817	4.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.563	65	12896	4.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.624	46	61582	47.327	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.660%
24) Chloroform-d	5.055	84	58366	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	29005	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.721	84	119163	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	37366	4.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	102001	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.177	79	11166	4.344	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	48352	46.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23453	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	33577	4.913	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	936	0.167	ug/L	92
34) Trichloroethene	6.537	95	11748	2.049	ug/L	97
35) Methylcyclohexane	6.682	83	8449	1.056	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3991	0.649	ug/L #	90
49) Dibromochloromethane	8.547	129	713	0.168	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4860	1.581	ug/L #	67

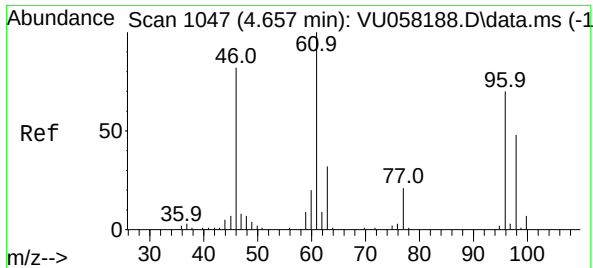
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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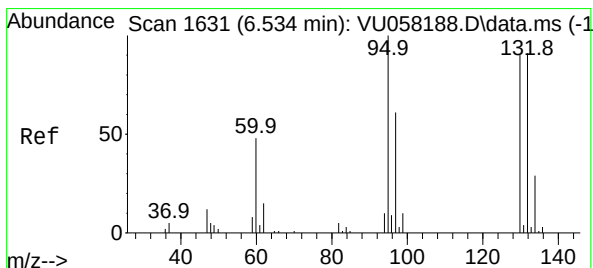
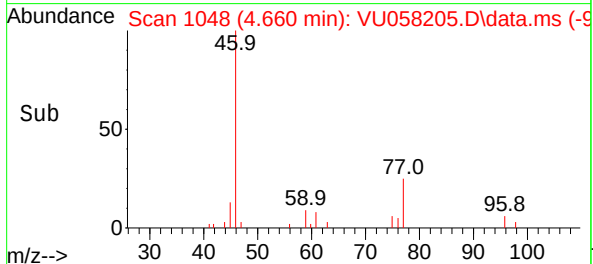
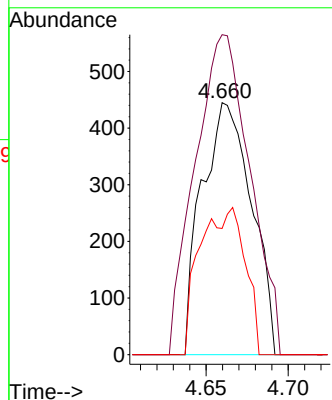
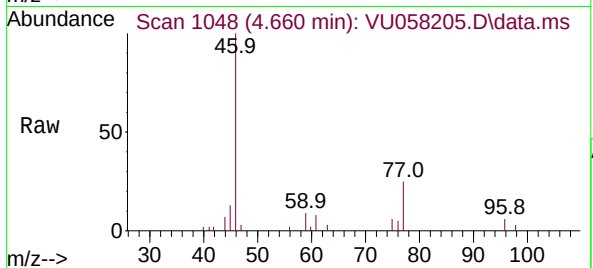




#22
cis-1,2-Dichloroethene
Concen: 0.167 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058205.D
Acq: 22 Mar 2024 20:43

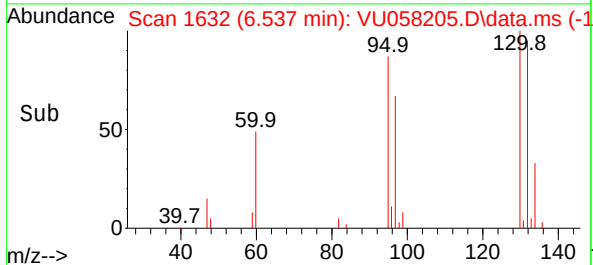
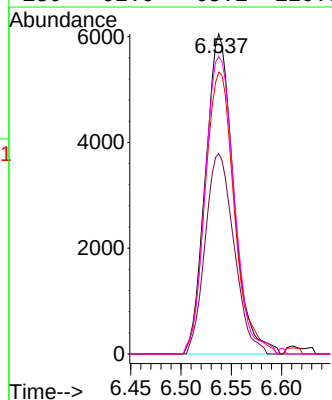
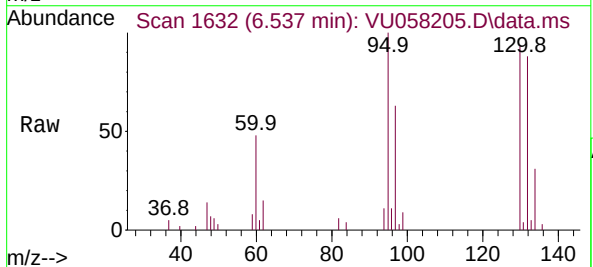
Instrument :
MSVOA_U
ClientSampleId :

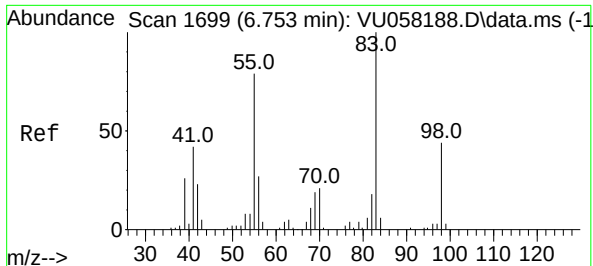
Tgt Ion: 96 Resp: 936
Ion Ratio Lower Upper
96 100
61 127.0 92.8 172.4
98 50.1 43.2 80.2



#34
Trichloroethene
Concen: 2.049 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU058205.D
Acq: 22 Mar 2024 20:43

Tgt Ion: 95 Resp: 11748
Ion Ratio Lower Upper
95 100
97 62.6 47.7 88.7
132 88.1 63.6 118.2
130 92.9 65.1 120.9





#35

Methylcyclohexane

Concen: 1.056 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU058205.D

Acq: 22 Mar 2024 20:43

Instrument :

MSVOA_U

ClientSampleId :

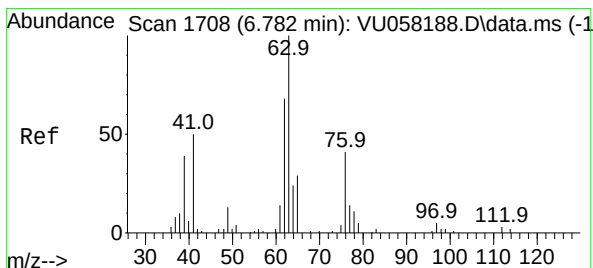
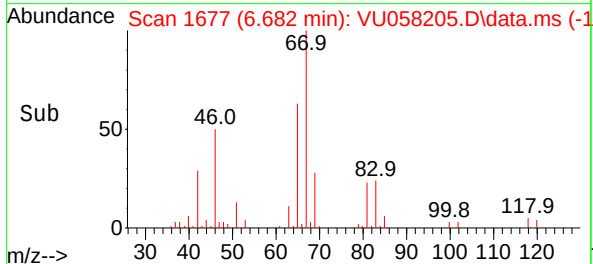
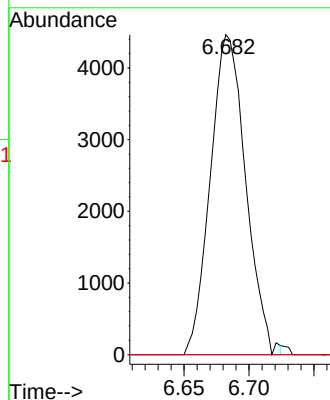
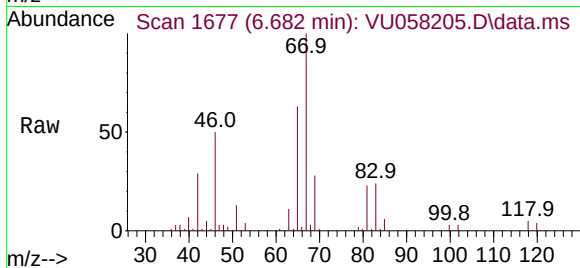
Tgt Ion: 83 Resp: 8449

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.649 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058205.D

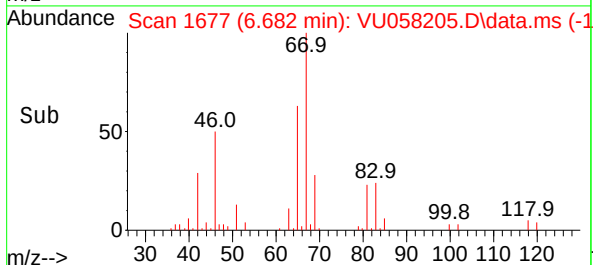
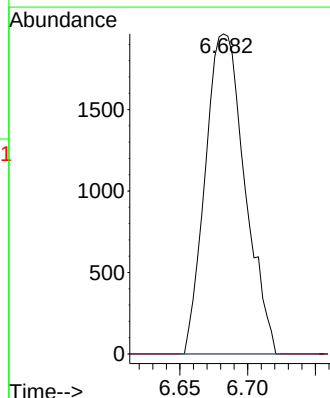
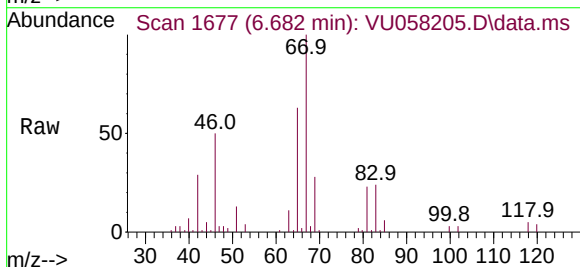
Acq: 22 Mar 2024 20:43

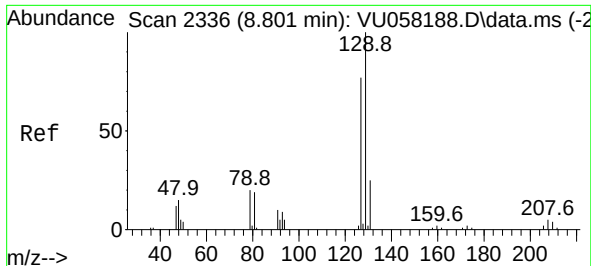
Tgt Ion: 63 Resp: 3991

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#49

Dibromochloromethane

Concen: 0.168 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058205.D

Acq: 22 Mar 2024 20:43

Instrument :

MSVOA_U

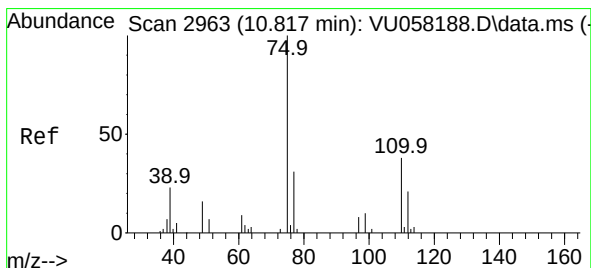
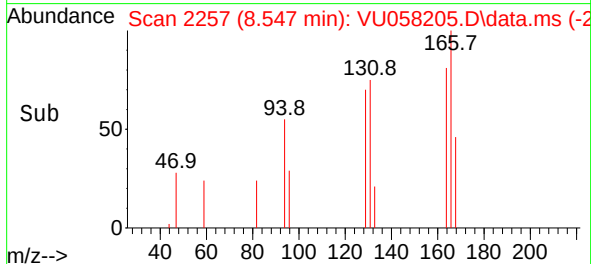
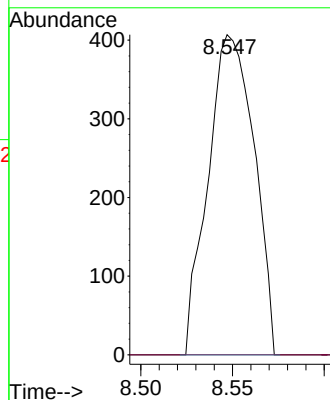
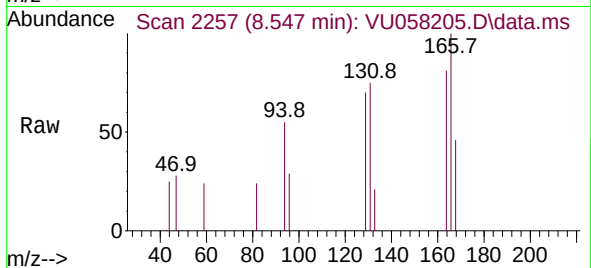
ClientSampleId :

Tgt Ion:129 Resp: 713

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.581 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058205.D

Acq: 22 Mar 2024 20:43

Tgt Ion: 75 Resp: 4860

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.9 25.1 37.7

