

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058603.D
 Acq On : 11 Apr 2024 13:17
 Operator : MD/SY
 Sample : P1948-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK7

Quant Time: Apr 12 02:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

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

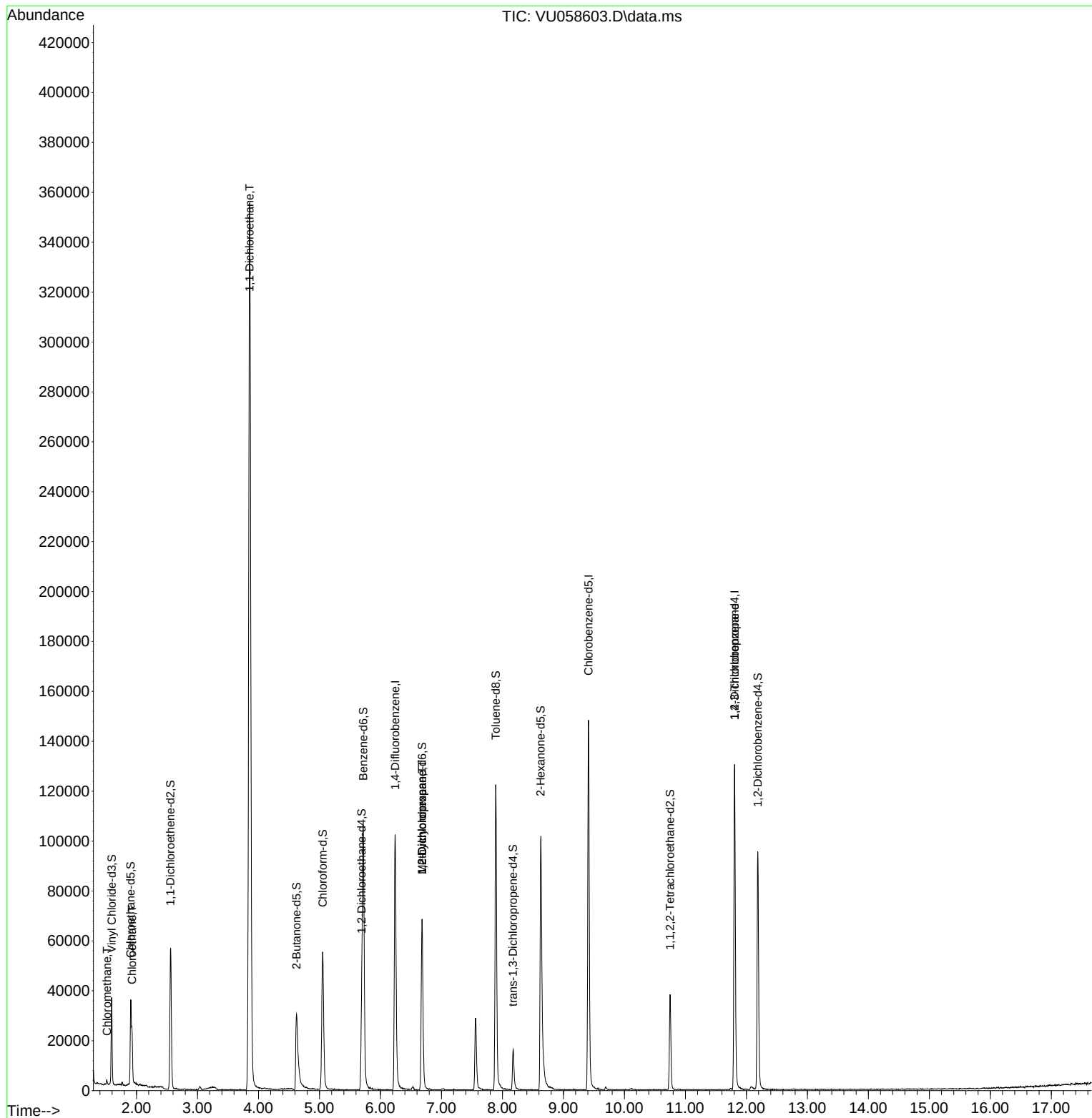
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78759	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77119	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23332	4.475	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.904	69	21555	4.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.557	65	11242	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.624	46	51516	46.881	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.760%
24) Chloroform-d	5.052	84	49491	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.692	65	24600	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.718	84	94741	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	31696	4.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	79367	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	8950	4.428	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.627	63	34746	41.680	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19180	4.173	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	23878	4.259	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1266	0.158	ug/L	99
8) Chloroethane	1.927	64	11479	2.265	ug/L	100
19) 1,1-Dichloroethane	3.856	63	409934	32.105	ug/L	99
35) Methylcyclohexane	6.682	83	6716	0.633	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	4015	0.546	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4956	1.459	ug/L #	73

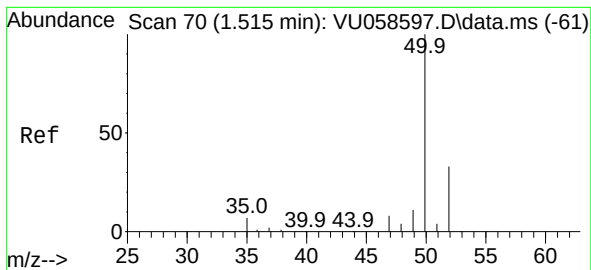
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.158 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058603.D

Acq: 11 Apr 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :

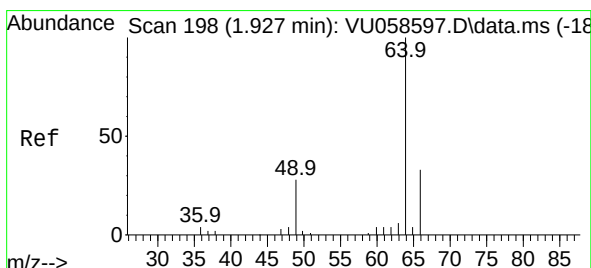
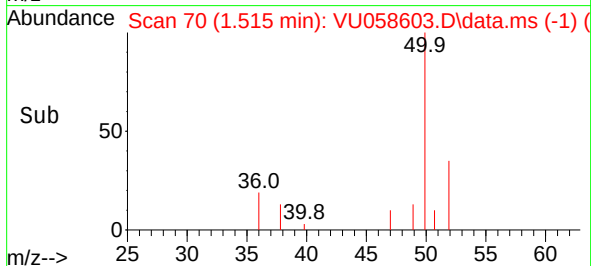
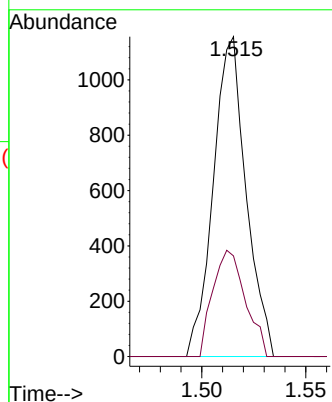
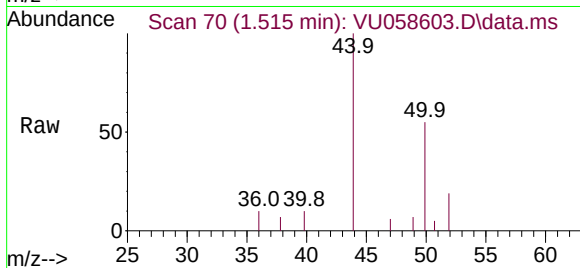
C0AK7

Tgt Ion: 50 Resp: 1266

Ion Ratio Lower Upper

50 100

52 31.5 22.6 42.0



#8

Chloroethane

Concen: 2.265 ug/L

RT: 1.927 min Scan# 198

Delta R.T. 0.000 min

Lab File: VU058603.D

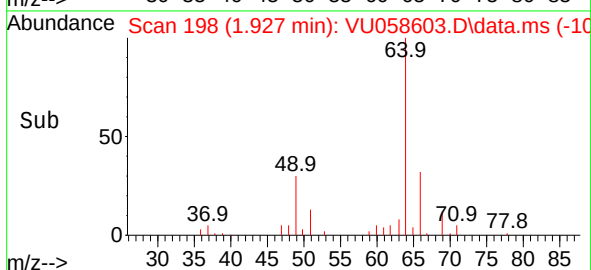
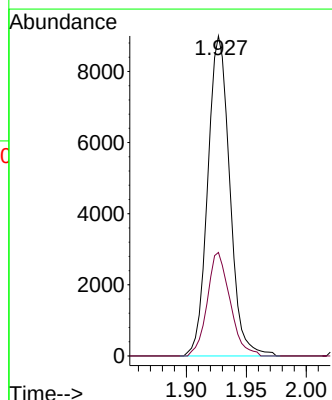
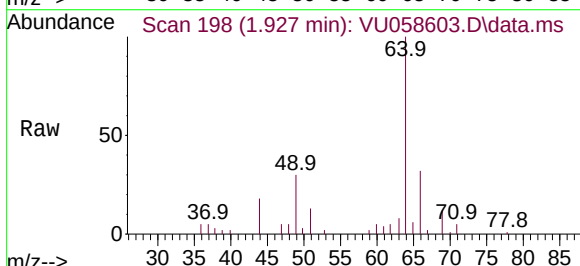
Acq: 11 Apr 2024 13:17

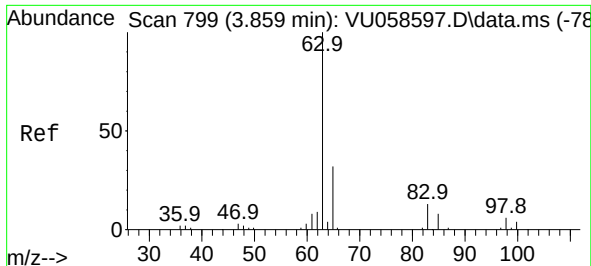
Tgt Ion: 64 Resp: 11479

Ion Ratio Lower Upper

64 100

66 32.4 22.5 41.9





#19

1,1-Dichloroethane

Concen: 32.105 ug/L

RT: 3.856 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU058603.D

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Instrument :

MSVOA_U

ClientSampleId :

C0AK7

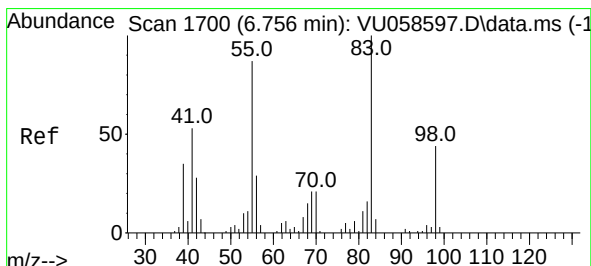
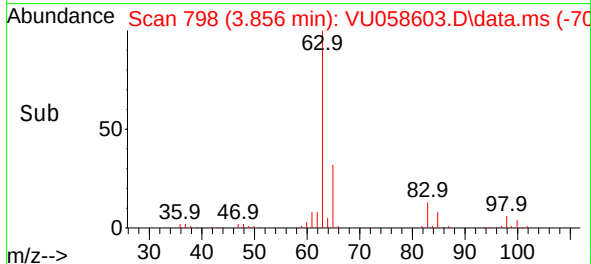
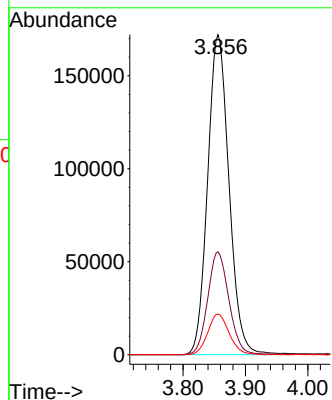
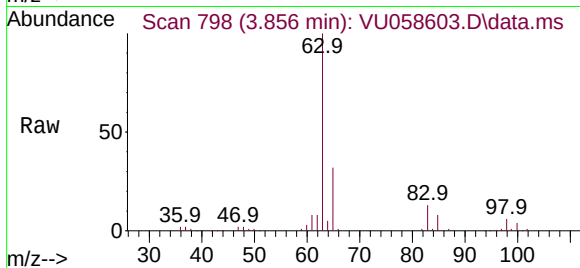
Tgt Ion: 63 Resp: 409934

Ion Ratio Lower Upper

63 100

65 32.1 22.9 42.5

83 12.7 9.6 17.8



#35

Methylcyclohexane

Concen: 0.633 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058603.D

Acq: 11 Apr 2024 13:17

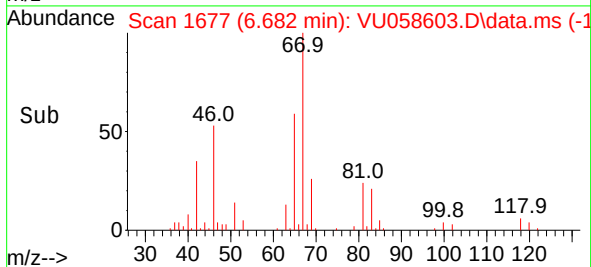
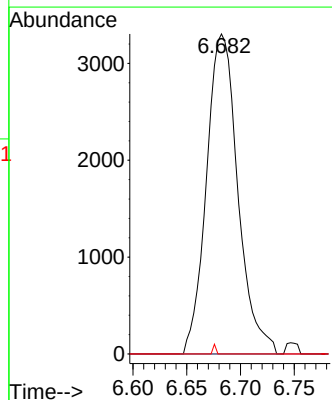
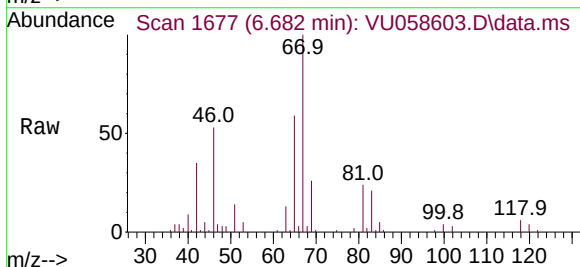
Tgt Ion: 83 Resp: 6716

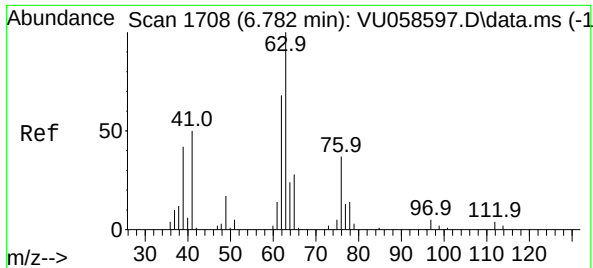
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.3 34.6 52.0#

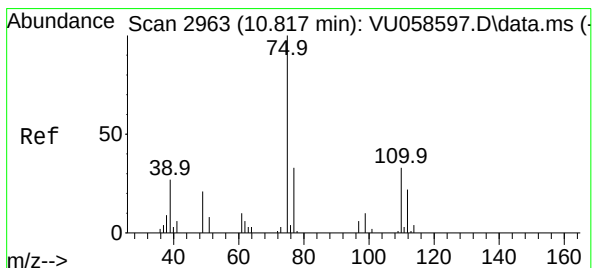
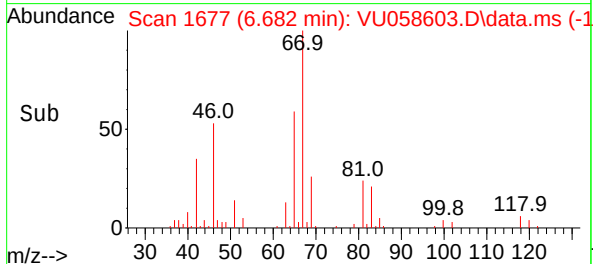
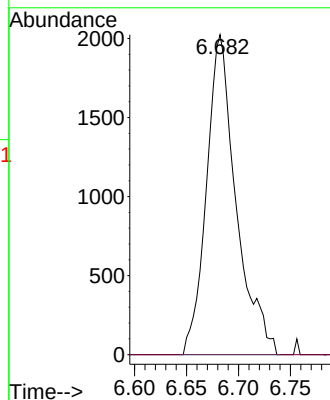
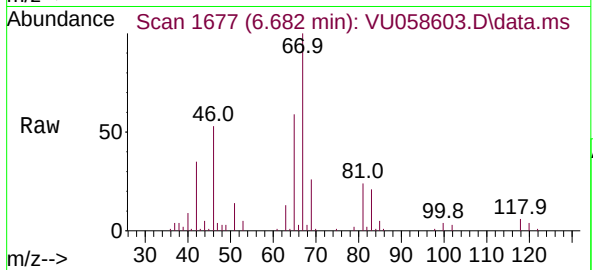




#37
1,2-Dichloropropane
Concen: 0.546 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058603.D
Acq: 11 Apr 2024 13:17

Instrument :
MSVOA_U
ClientSampleId :
C0AK7

Tgt Ion: 63 Resp: 4015
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.459 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058603.D
Acq: 11 Apr 2024 13:17

Tgt Ion: 75 Resp: 4956
Ion Ratio Lower Upper
75 100
110 3.6 25.8 38.6#
77 32.3 25.1 37.7

