

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056370.D
 Acq On : 15 Nov 2023 21:17
 Operator : MD/SY
 Sample : 05372-20
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDR4

Quant Time: Nov 16 04:43:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

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

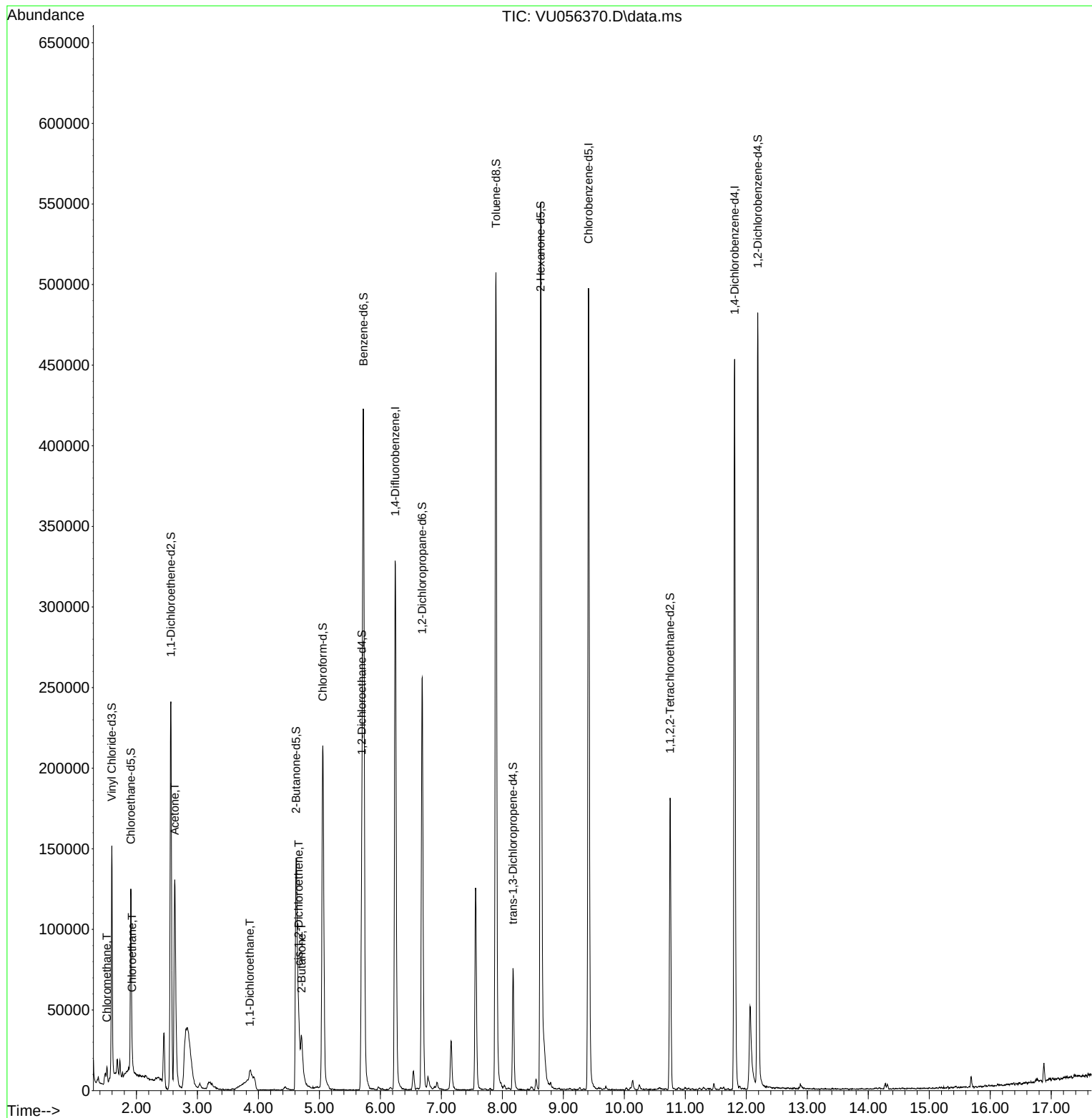
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	271763	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	282019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	116610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	98423	4.842	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.800%	
7) Chloroethane-d5	1.908	69	81997	5.261	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.200%	
11) 1,1-Dichloroethene-d2	2.564	65	45746	5.099	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.000%	
20) 2-Butanone-d5	4.618	46	233761	57.673	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.340%	
24) Chloroform-d	5.056	84	203521	5.176	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.695	65	101759	5.601	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.000%	
32) Benzene-d6	5.721	84	406774	4.841	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.683	67	127158	5.021	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.400%	
41) Toluene-d8	7.895	98	354093	4.772	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	8.174	79	45130	4.647	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.628	63	194471	50.952	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.900%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91431	5.053	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	123392	5.728	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.516	50	5454	0.248	ug/L	97
8) Chloroethane	1.927	64	4982	0.385	ug/L #	73
13) Acetone	2.628	43	171141	49.575	ug/L	99
19) 1,1-Dichloroethane	3.859	63	6682	0.197	ug/L #	88
21) 2-Butanone	4.708	43	48423	10.810	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	9477	0.488	ug/L	94

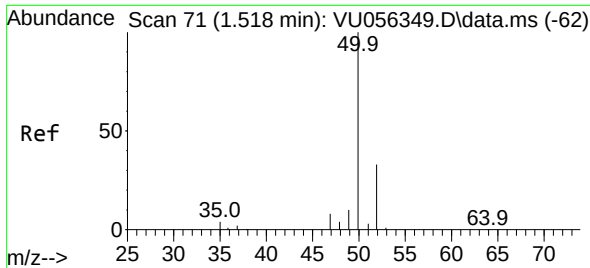
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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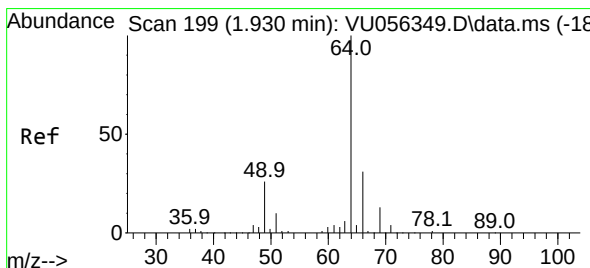
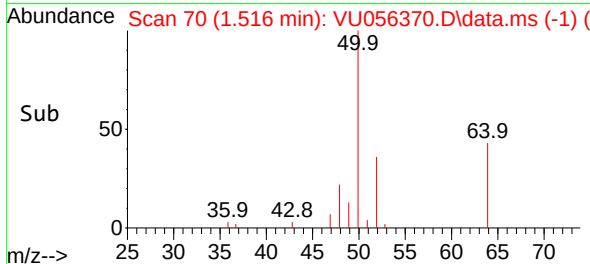
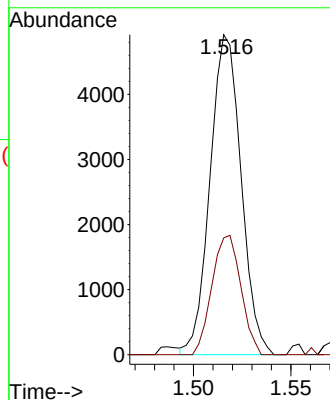
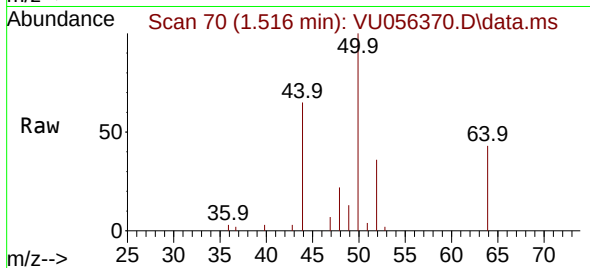




#3
Chloromethane
Concen: 0.248 ug/L
RT: 1.516 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU056370.D
Acq: 15 Nov 2023 21:17

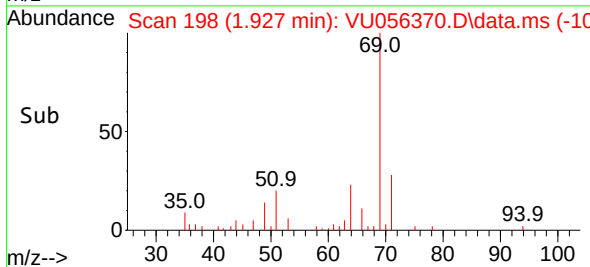
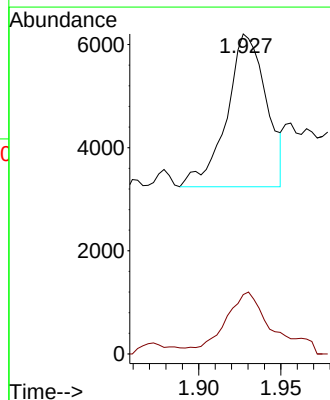
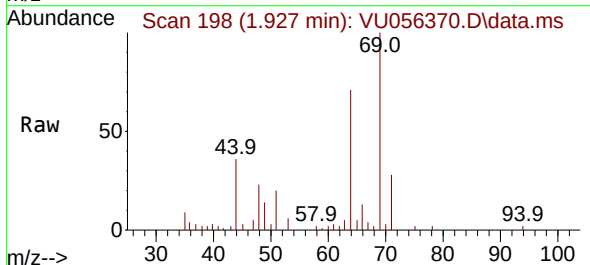
Instrument :
MSVOA_U
ClientSampleId :
GCDR4

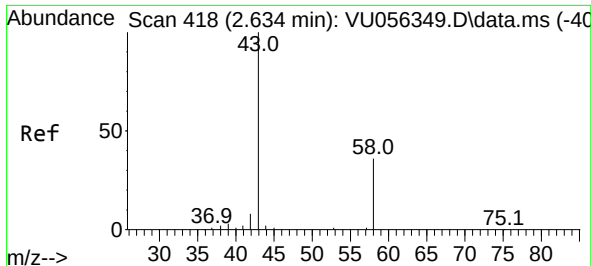
Tgt Ion: 50 Resp: 5454
Ion Ratio Lower Upper
50 100
52 36.5 24.3 45.1



#8
Chloroethane
Concen: 0.385 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU056370.D
Acq: 15 Nov 2023 21:17

Tgt Ion: 64 Resp: 4982
Ion Ratio Lower Upper
64 100
66 18.5 23.9 44.5#





#13

Acetone

Concen: 49.575 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU056370.D

Acq: 15 Nov 2023 21:17

Instrument :

MSVOA_U

ClientSampleId :

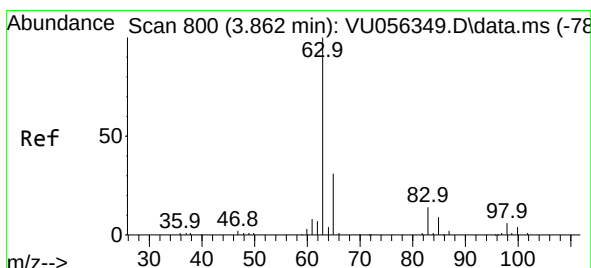
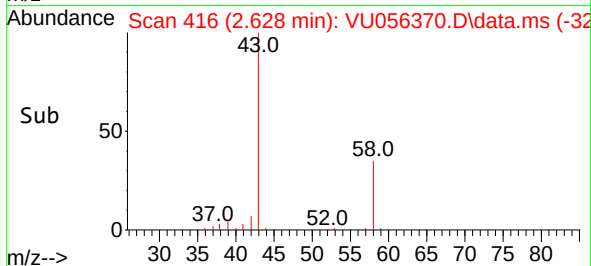
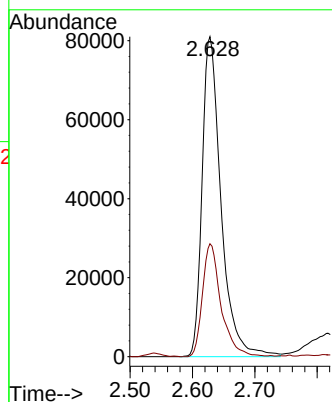
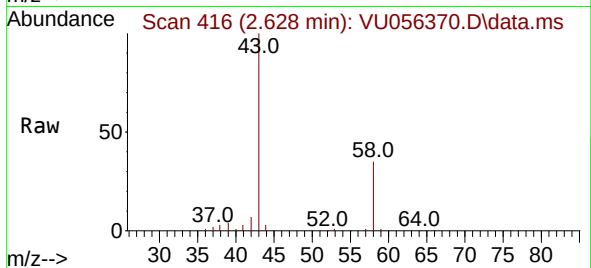
GCDR4

Tgt Ion: 43 Resp: 171141

Ion Ratio Lower Upper

43 100

58 34.7 0.0 70.0



#19

1,1-Dichloroethane

Concen: 0.197 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU056370.D

Acq: 15 Nov 2023 21:17

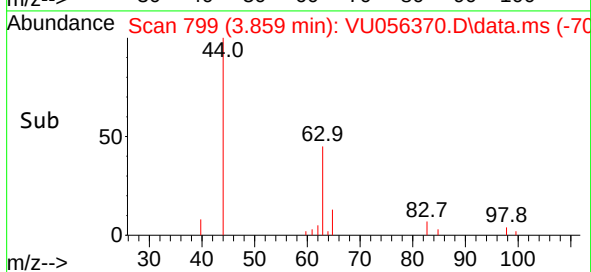
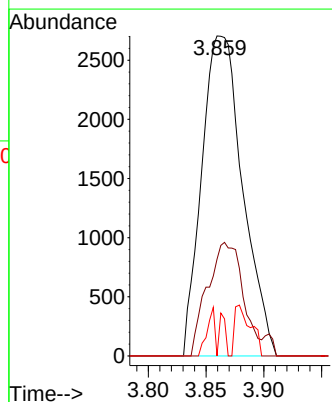
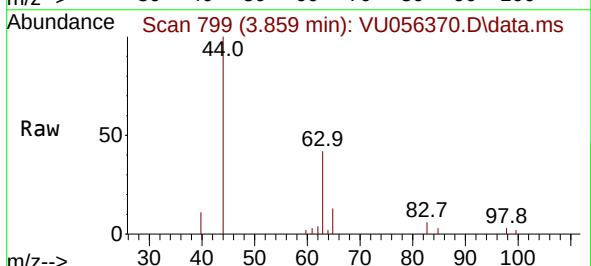
Tgt Ion: 63 Resp: 6682

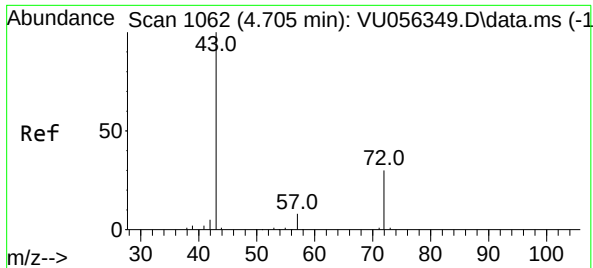
Ion Ratio Lower Upper

63 100

65 30.2 21.8 40.6

83 0.0 9.7 17.9#

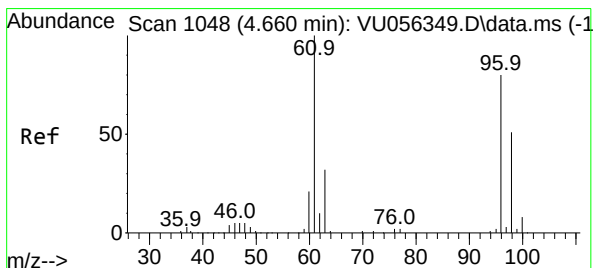
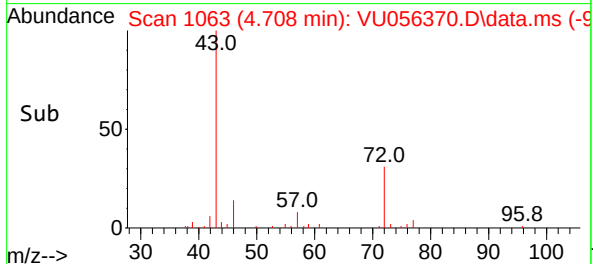
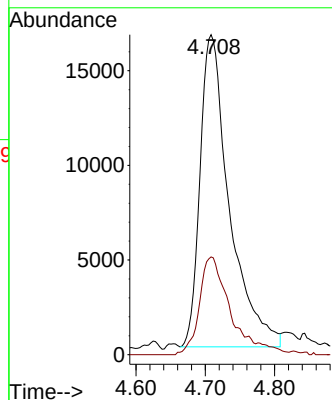
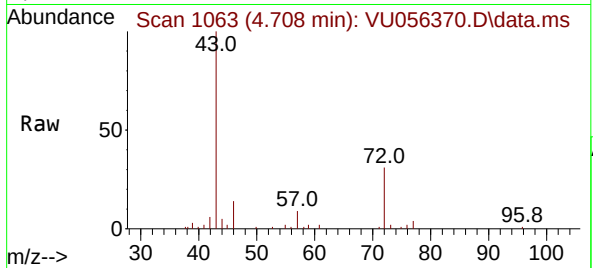




#21
2-Butanone
Concen: 10.810 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.004 min
Lab File: VU056370.D
Acq: 15 Nov 2023 21:17

Instrument :
MSVOA_U
ClientSampleId :
GCDR4

Tgt Ion: 43 Resp: 48423
Ion Ratio Lower Upper
43 100
72 31.2 14.2 42.6



#22
cis-1,2-Dichloroethene
Concen: 0.488 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.001 min
Lab File: VU056370.D
Acq: 15 Nov 2023 21:17

Tgt Ion: 96 Resp: 9477
Ion Ratio Lower Upper
96 100
61 126.7 93.2 173.2
98 68.8 44.8 83.2

