

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056944.D
 Acq On : 16 Dec 2023 22:31
 Operator : MD/SY
 Sample : 05811-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B33

Quant Time: Dec 17 01:03:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

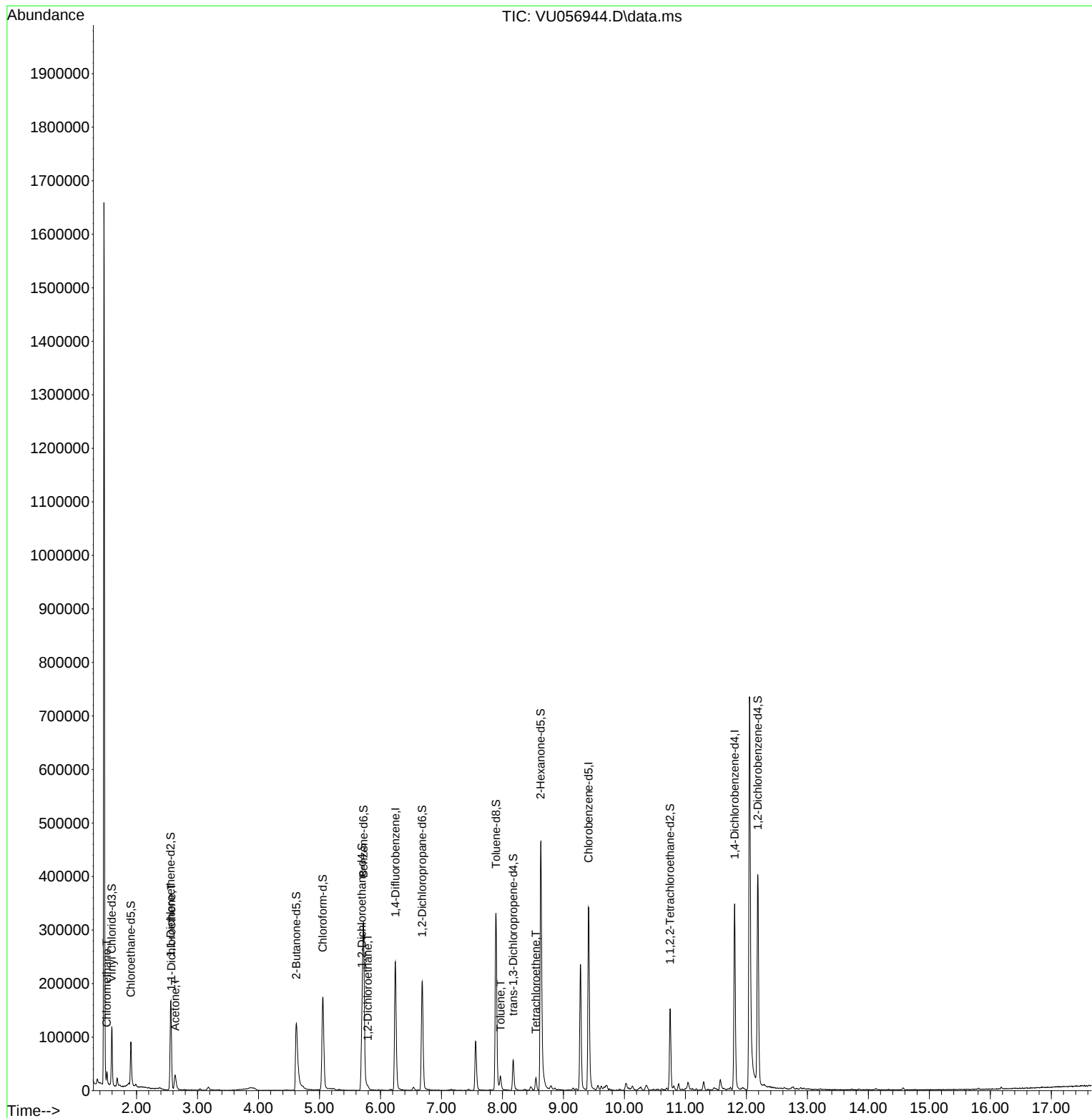
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	196967	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	199536	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	71216	4.218	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.907	69	59170	4.683	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.560	65	30371	4.204	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.621	46	206310	61.877	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.760%	
24) Chloroform-d	5.055	84	168927	5.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.600%	
26) 1,2-Dichloroethane-d4	5.695	65	83421	5.514	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.200%	
32) Benzene-d6	5.721	84	301076	4.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
36) 1,2-Dichloropropane-d6	6.685	67	103342	5.335	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.894	98	235199	4.252	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
43) trans-1,3-Dichloroprop...	8.177	79	35994	4.791	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.627	63	159520	56.301	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.600%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	76346	5.447	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	101023	5.632	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.600%	
Target Compounds						
3) Chloromethane	1.515	50	14982	0.738	ug/L	97
12) 1,1-Dichloroethene	2.573	96	2328	0.146	ug/L #	1
13) Acetone	2.634	43	40928	20.143	ug/L	95
27) 1,2-Dichloroethane	5.791	62	3504	0.181	ug/L #	89
42) Toluene	7.968	91	19571	0.270	ug/L	89
47) Tetrachloroethene	8.547	164	4839	0.359	ug/L	96

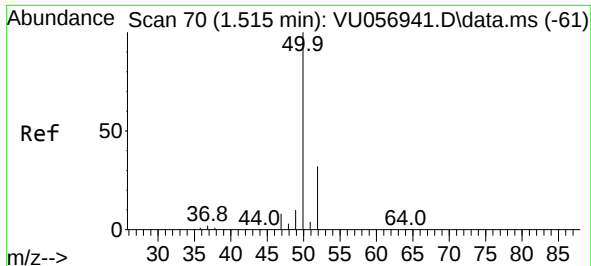
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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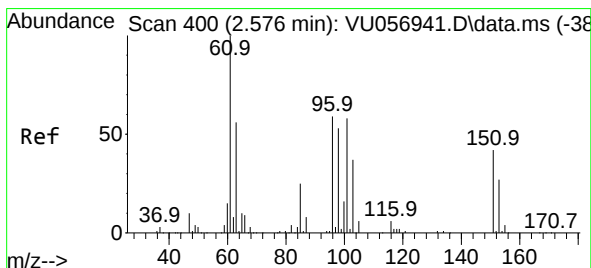
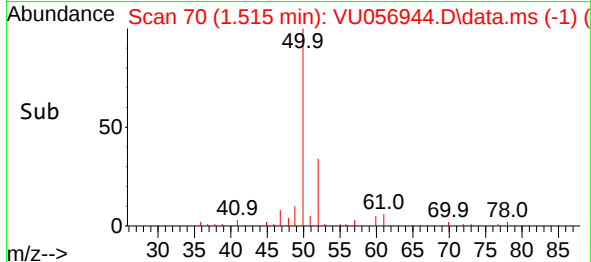
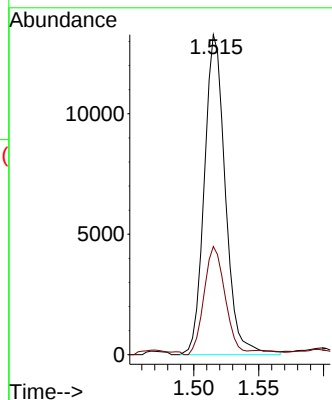
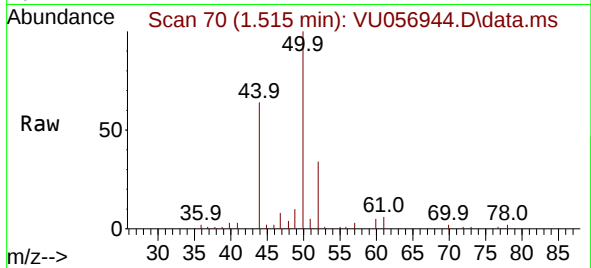




#3
Chloromethane
Concen: 0.738 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056944.D
Acq: 16 Dec 2023 22:31

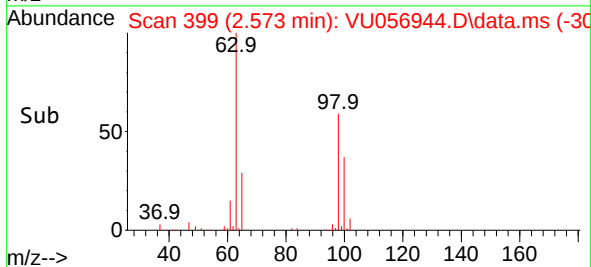
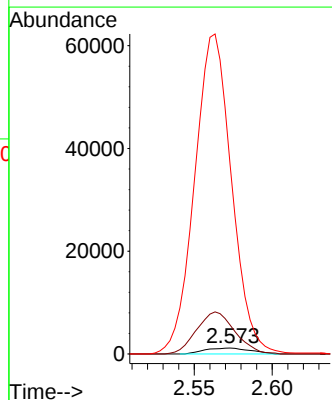
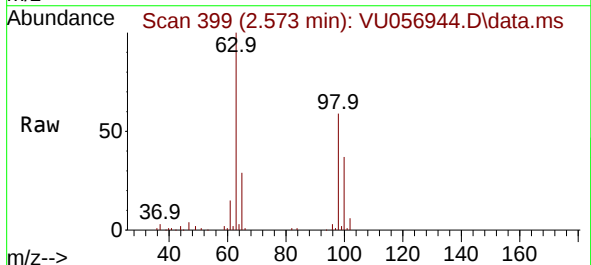
Instrument :
MSVOA_U
ClientSampleId :
F7B33

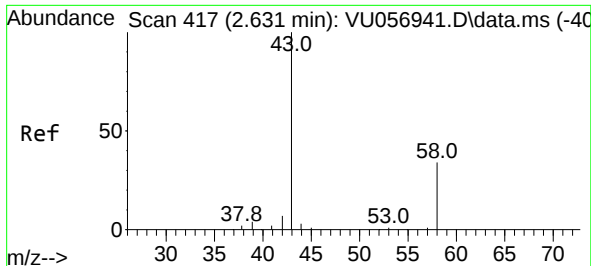
Tgt Ion: 50 Resp: 14982
Ion Ratio Lower Upper
50 100
52 33.8 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.146 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056944.D
Acq: 16 Dec 2023 22:31

Tgt Ion: 96 Resp: 2328
Ion Ratio Lower Upper
96 100
61 490.4 119.0 221.0#
63 3202.8 88.7 164.7#





#13

Acetone

Concen: 20.143 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU056944.D

Acq: 16 Dec 2023 22:31

Instrument :

MSVOA_U

ClientSampleId :

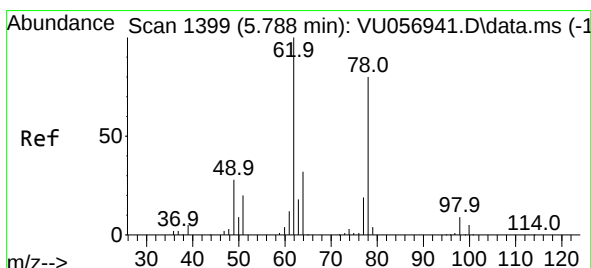
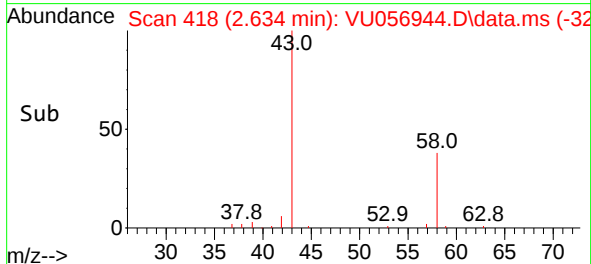
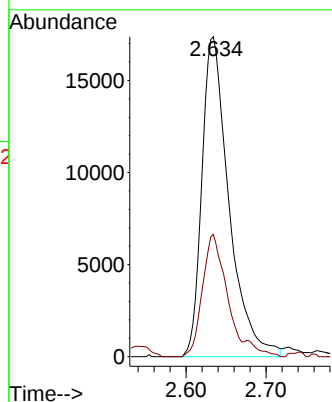
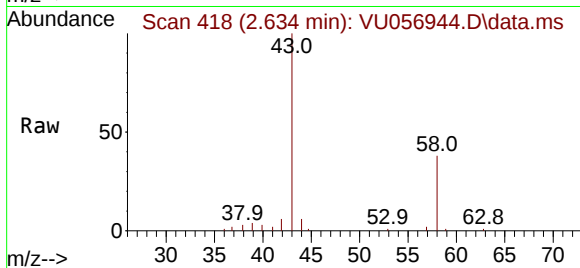
F7B33

Tgt Ion: 43 Resp: 40928

Ion Ratio Lower Upper

43 100

58 33.6 0.0 72.6



#27

1,2-Dichloroethane

Concen: 0.181 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU056944.D

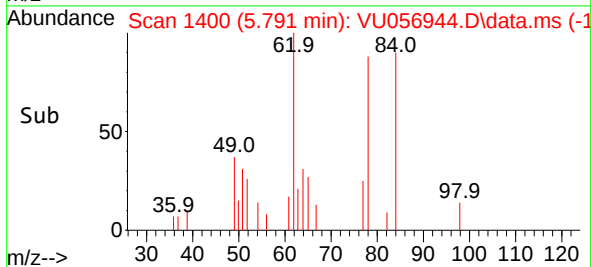
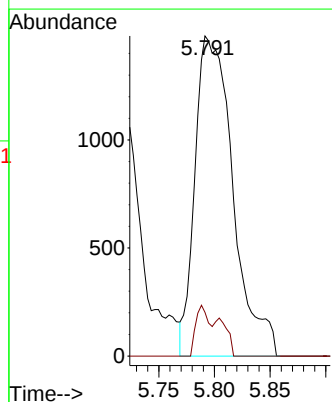
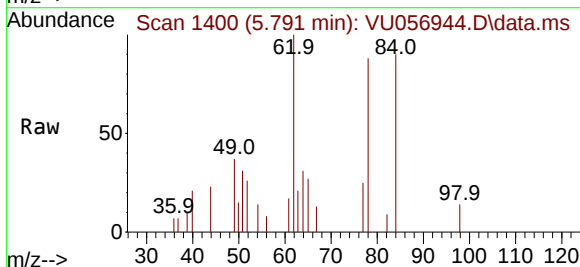
Acq: 16 Dec 2023 22:31

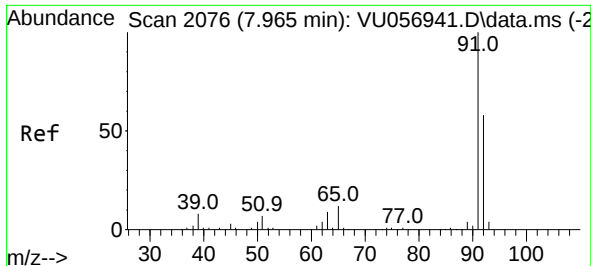
Tgt Ion: 62 Resp: 3504

Ion Ratio Lower Upper

62 100

98 13.6 7.8 11.6#





#42

Toluene

Concen: 0.270 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056944.D

Acq: 16 Dec 2023 22:31

Instrument :

MSVOA_U

ClientSampleId :

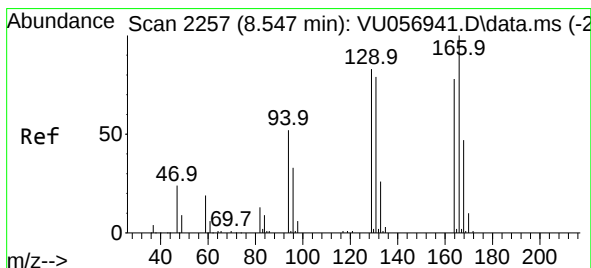
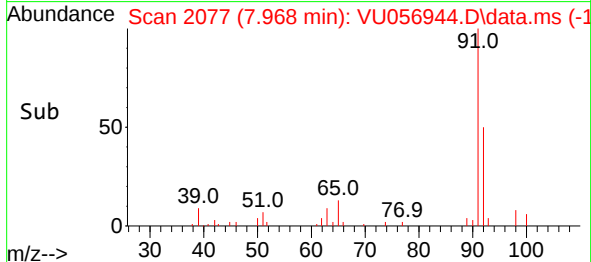
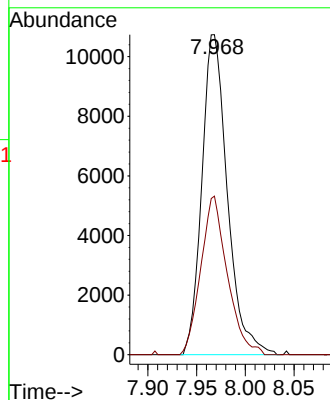
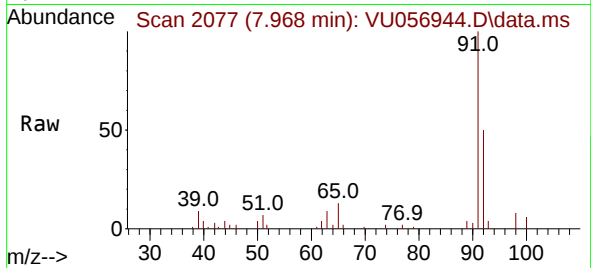
F7B33

Tgt Ion: 91 Resp: 19571

Ion Ratio Lower Upper

91 100

92 49.6 40.4 75.0



#47

Tetrachloroethene

Concen: 0.359 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056944.D

Acq: 16 Dec 2023 22:31

Tgt Ion: 164 Resp: 4839

Ion Ratio Lower Upper

164 100

129 105.6 73.4 136.4

131 92.5 71.5 132.9

166 129.6 92.7 172.1

