

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053348.D
 Acq On : 22 Mar 2023 13:37
 Operator : JC/MD
 Sample : 01961-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFD3

Quant Time: Mar 23 02:43:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

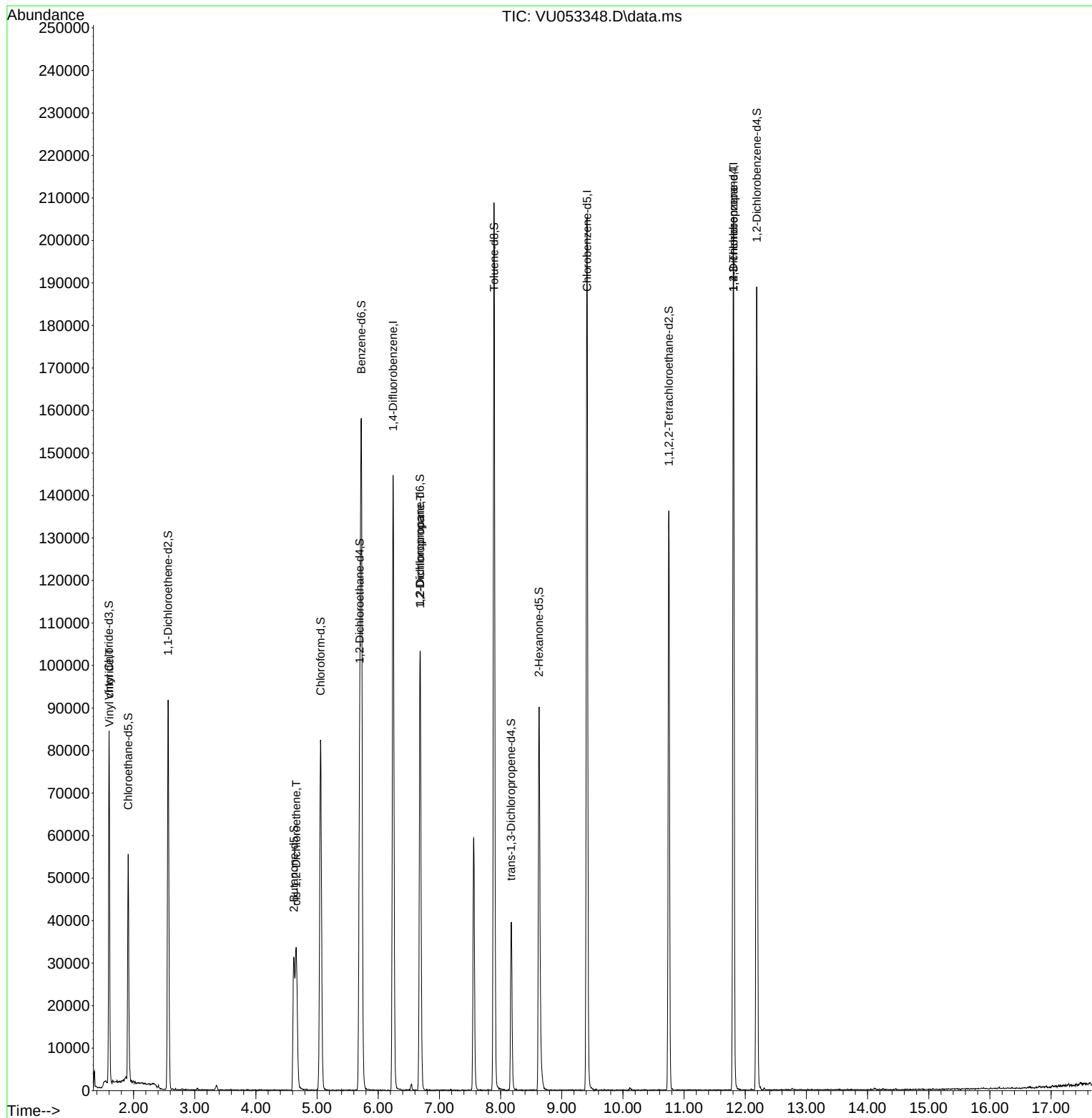
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	110712	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	105765	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	49869	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38832	38.019	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.040%
7) Chloroethane-d5	1.913	69	37653	45.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.160%
11) 1,1-Dichloroethene-d2	2.565	63	53835	30.426	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.860%
21) 2-Butanone-d5	4.620	46	45979	97.059	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.060%
24) Chloroform-d	5.057	84	70259	41.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.520%
26) 1,2-Dichloroethane-d4	5.697	65	47765	45.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.440%
32) Benzene-d6	5.723	84	147968	43.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.260%
36) 1,2-Dichloropropane-d6	6.684	67	50539	45.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.300%
41) Toluene-d8	7.893	98	137480	43.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.080%
43) trans-1,3-Dichloroprop...	8.173	79	22096	40.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.900%
47) 2-Hexanone-d5	8.626	63	31785	91.825	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.830%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	67024	46.730	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.460%
66) 1,2-Dichlorobenzene-d4	12.189	152	43533	45.084	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.160%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	20632	17.712	ug/L	93
20) cis-1,2-Dichloroethene	4.662	96	14957	15.436	ug/L	94
37) 1,2-Dichloropropane	6.687	63	5199	5.082	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	7640	7.710	ug/L #	68

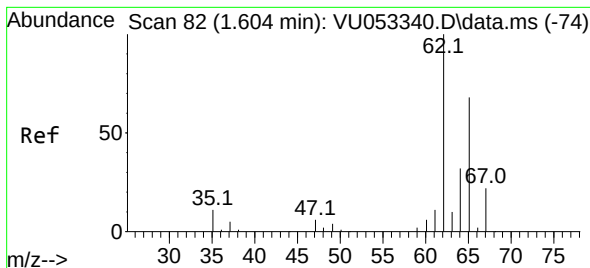
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 17.712 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

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MSVOA_U

ClientSampleId :

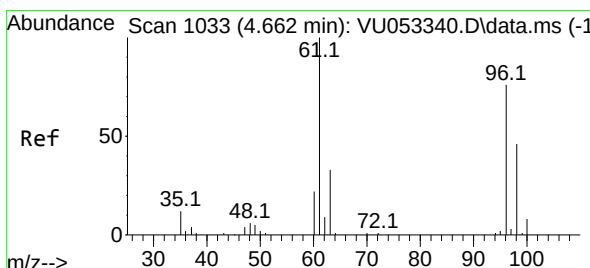
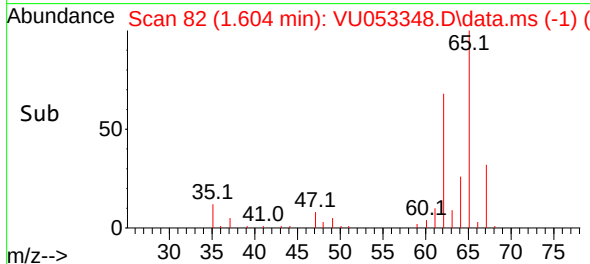
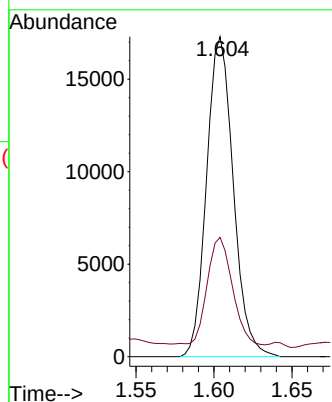
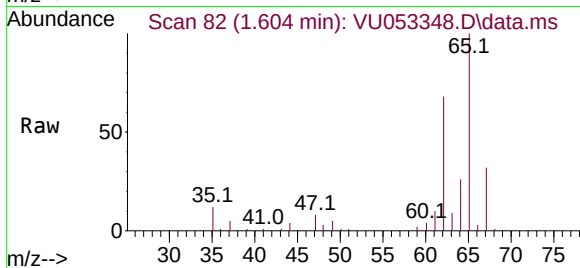
EYFD3

Tgt Ion: 62 Resp: 20632

Ion Ratio Lower Upper

62 100

64 37.3 23.2 43.0



#20

cis-1,2-Dichloroethene

Concen: 15.436 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

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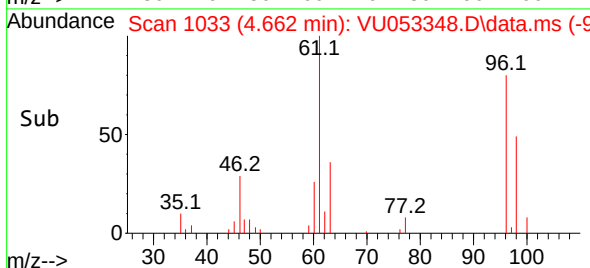
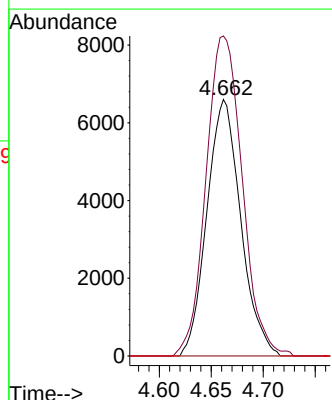
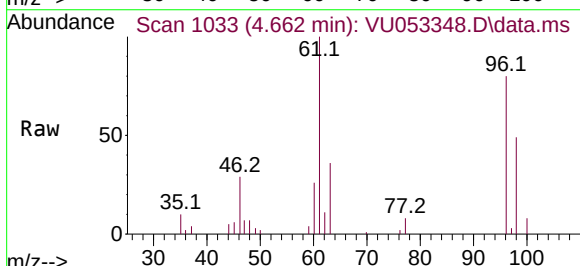
Tgt Ion: 96 Resp: 14957

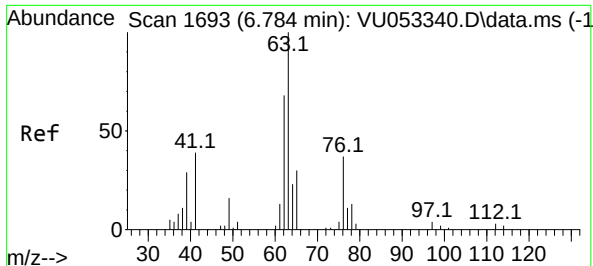
Ion Ratio Lower Upper

96 100

61 124.8 92.5 171.7

68 0.0 0.0 0.0





#37

1,2-Dichloropropane

Concen: 5.082 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.096 min

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MSVOA_U

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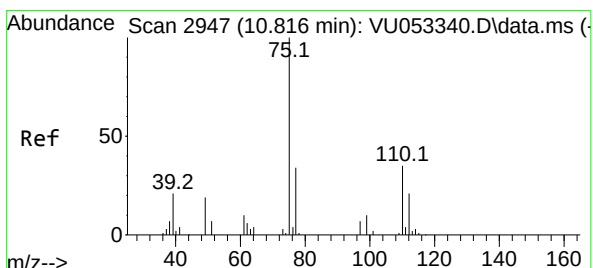
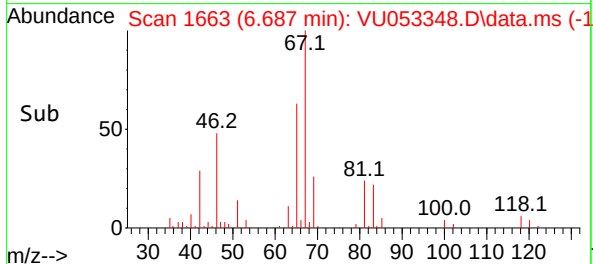
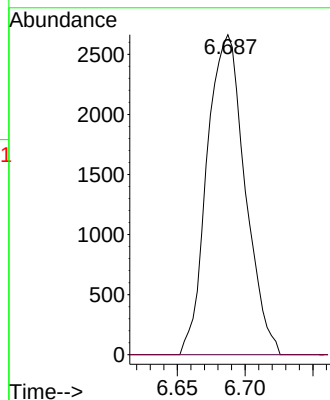
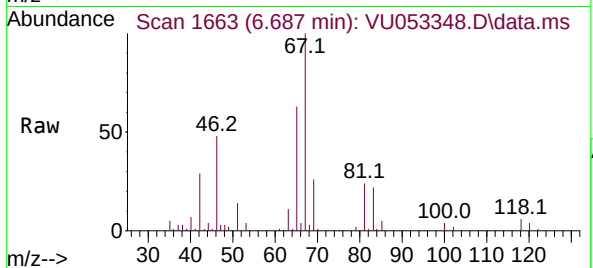
EYFD3

Tgt Ion: 63 Resp: 5199

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#60

1,2,3-Trichloropropane

Concen: 7.710 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.990 min

Lab File: VU053348.D

Acq: 22 Mar 2023 13:37

Tgt Ion: 75 Resp: 7640

Ion Ratio Lower Upper

75 100

77 32.7 26.6 40.0

110 0.0 28.6 42.8#

