

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053331.D
 Acq On : 21 Mar 2023 17:56
 Operator : JC/MD
 Sample : 01961-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE1

Quant Time: Mar 22 03:12:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

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

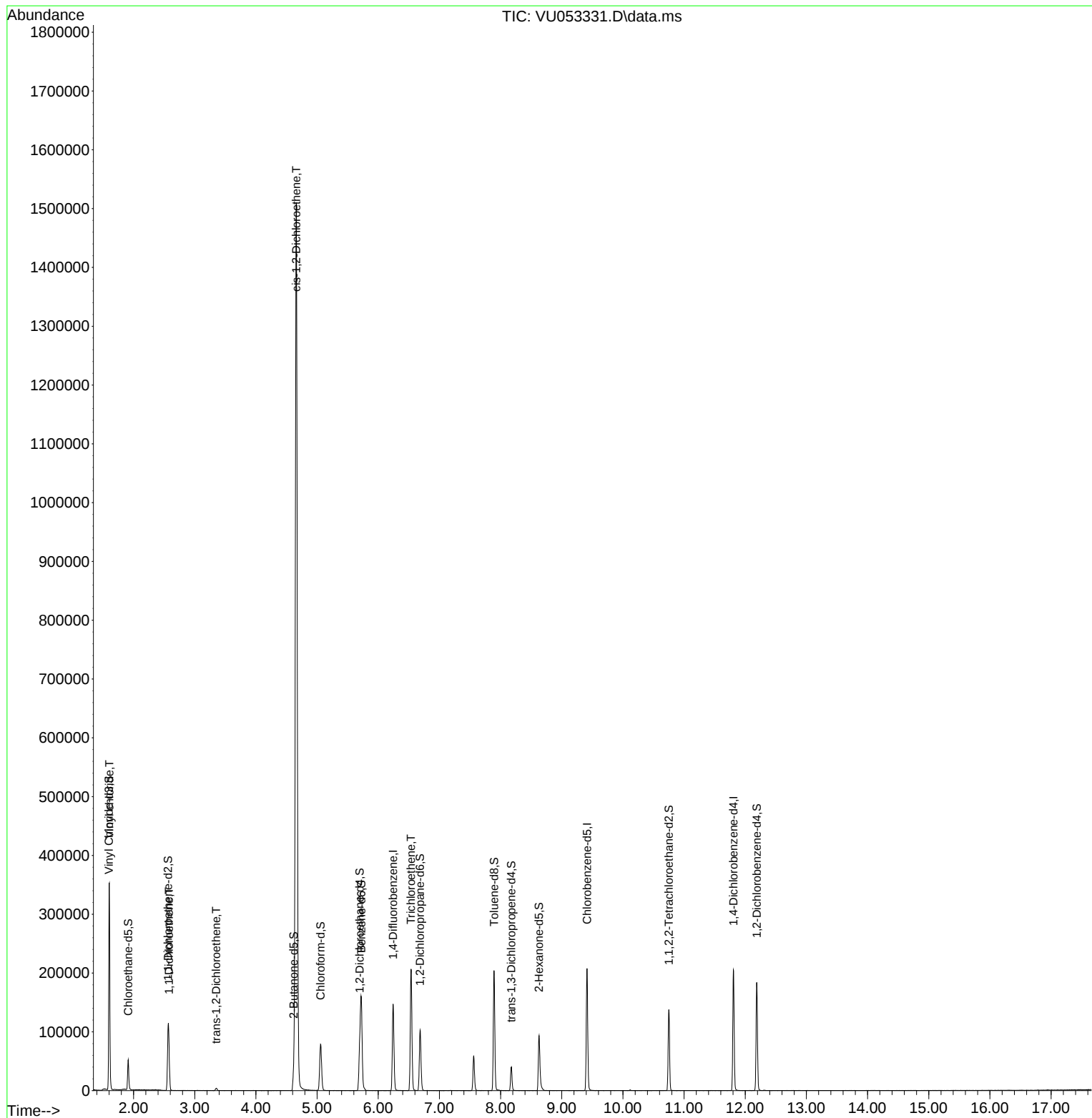
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	114827	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	108288	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	49032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46350	43.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.500%
7) Chloroethane-d5	1.912	69	36229	42.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.560%
11) 1,1-Dichloroethene-d2	2.565	63	61286	33.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.800%
21) 2-Butanone-d5	4.616	46	49972	101.708	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.710%
24) Chloroform-d	5.057	84	70357	40.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.640%
26) 1,2-Dichloroethane-d4	5.697	65	48673	44.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
32) Benzene-d6	5.722	84	151487	43.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.260%
36) 1,2-Dichloropropane-d6	6.684	67	49733	43.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.740%
41) Toluene-d8	7.893	98	135985	41.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.160%
43) trans-1,3-Dichloroprop...	8.176	79	23437	41.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.800%
47) 2-Hexanone-d5	8.626	63	32949	92.970	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.970%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	66774	45.471	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.940%
66) 1,2-Dichlorobenzene-d4	12.188	152	43592	45.915	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.840%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	206000	170.510	ug/L	99
12) 1,1-Dichloroethene	2.578	96	13154	15.599	ug/L	# 39
17) trans-1,2-Dichloroethene	3.350	96	1732	2.024	ug/L	92
20) cis-1,2-Dichloroethene	4.661	96	732780	729.153	ug/L	99
34) Trichloroethene	6.536	95	66757	68.196	ug/L	97

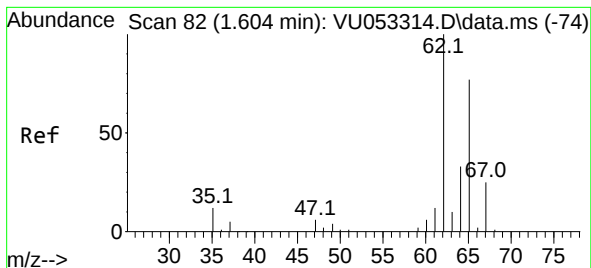
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 170.510 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053331.D

Acq: 21 Mar 2023 17:56

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MSVOA_U

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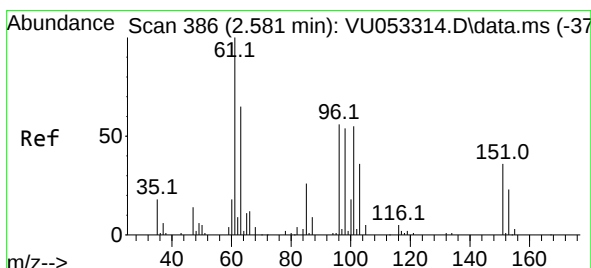
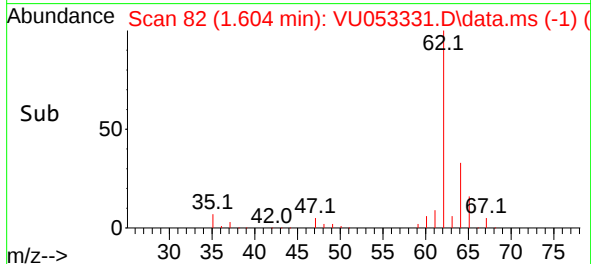
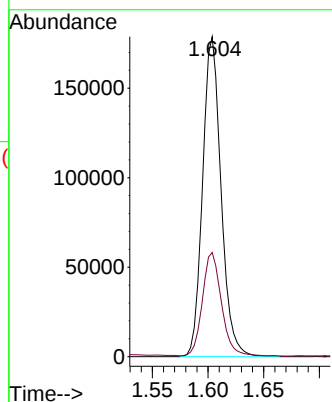
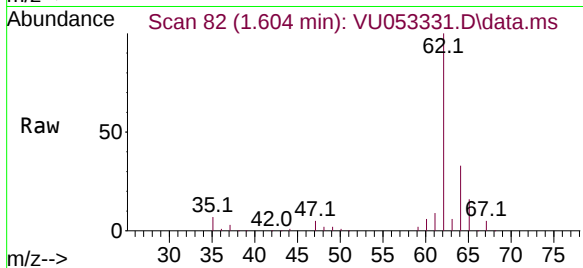
EYFE1

Tgt Ion: 62 Resp: 206000

Ion Ratio Lower Upper

62 100

64 32.5 23.2 43.0



#12

1,1-Dichloroethene

Concen: 15.599 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU053331.D

Acq: 21 Mar 2023 17:56

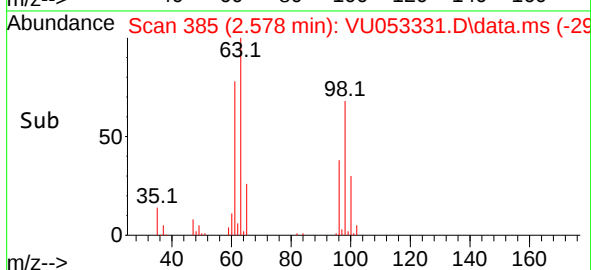
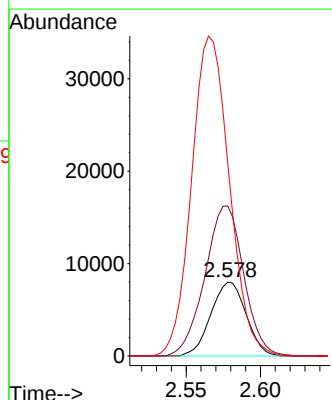
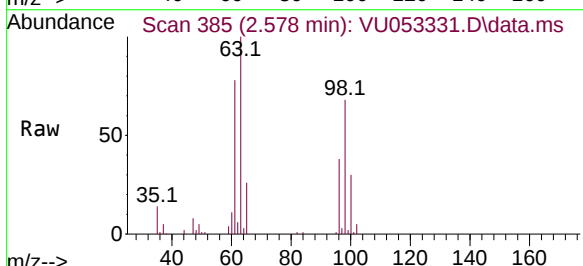
Tgt Ion: 96 Resp: 13154

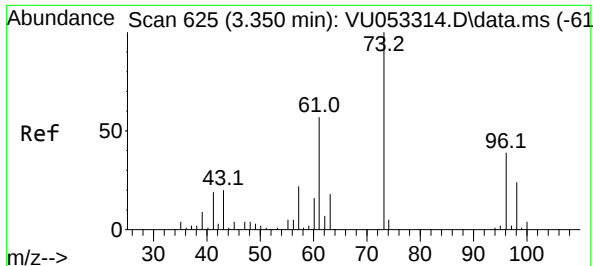
Ion Ratio Lower Upper

96 100

61 203.5 122.2 226.9

63 262.0 89.9 166.9#





#17

trans-1,2-Dichloroethene

Concen: 2.024 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU053331.D

Acq: 21 Mar 2023 17:56

Instrument :

MSVOA_U

ClientSampleId :

EYFE1

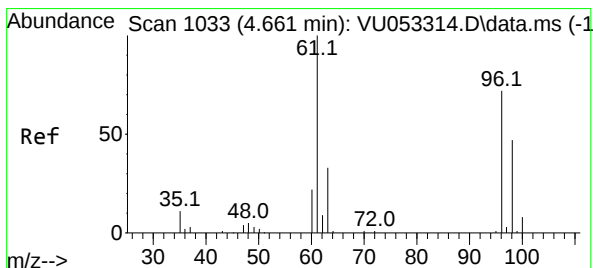
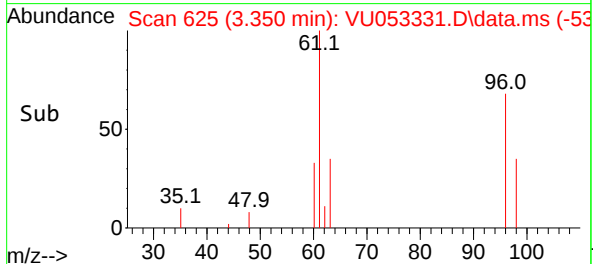
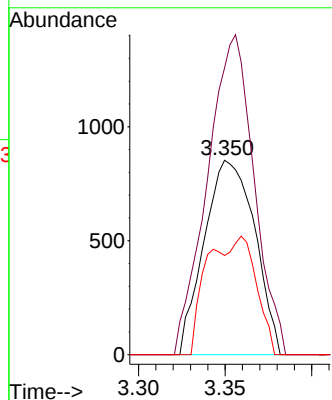
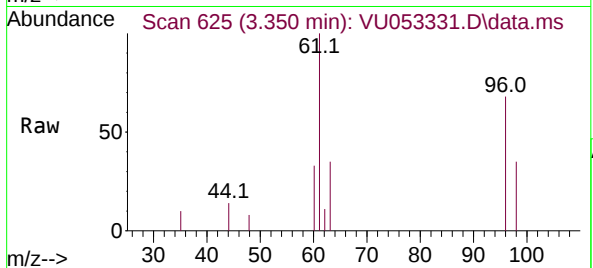
Tgt Ion: 96 Resp: 1732

Ion Ratio Lower Upper

96 100

61 147.4 99.6 185.0

98 51.0 45.5 84.5



#20

cis-1,2-Dichloroethene

Concen: 729.153 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU053331.D

Acq: 21 Mar 2023 17:56

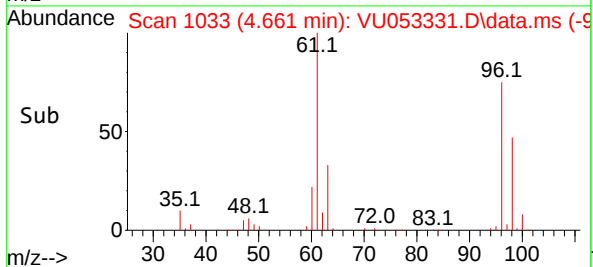
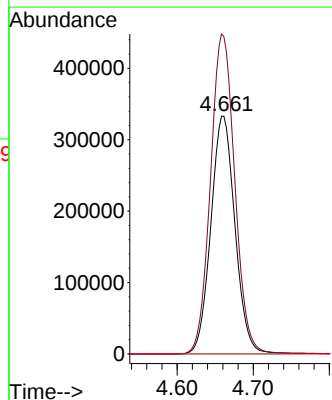
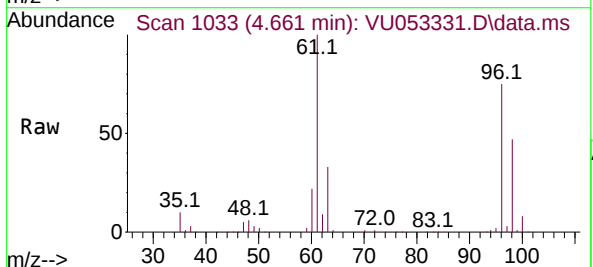
Tgt Ion: 96 Resp: 732780

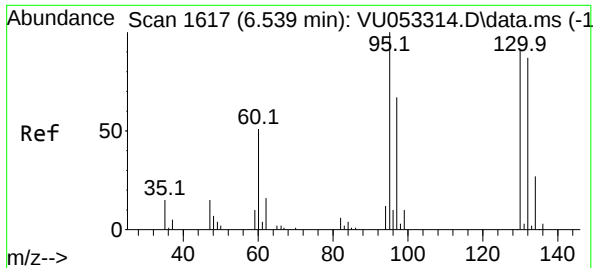
Ion Ratio Lower Upper

96 100

61 133.5 92.5 171.7

68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 68.196 ug/L
 RT: 6.536 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU053331.D
 Acq: 21 Mar 2023 17:56

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE1

Tgt Ion: 95 Resp: 66757

Ion	Ratio	Lower	Upper
95	100		
97	66.0	43.8	81.3
132	89.7	61.5	114.3
130	92.1	63.3	117.5

