

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033983.D
 Acq On : 05 Feb 2024 13:15
 Operator : SY/MD
 Sample : P1289-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF7

Quant Time: Feb 06 05:13:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

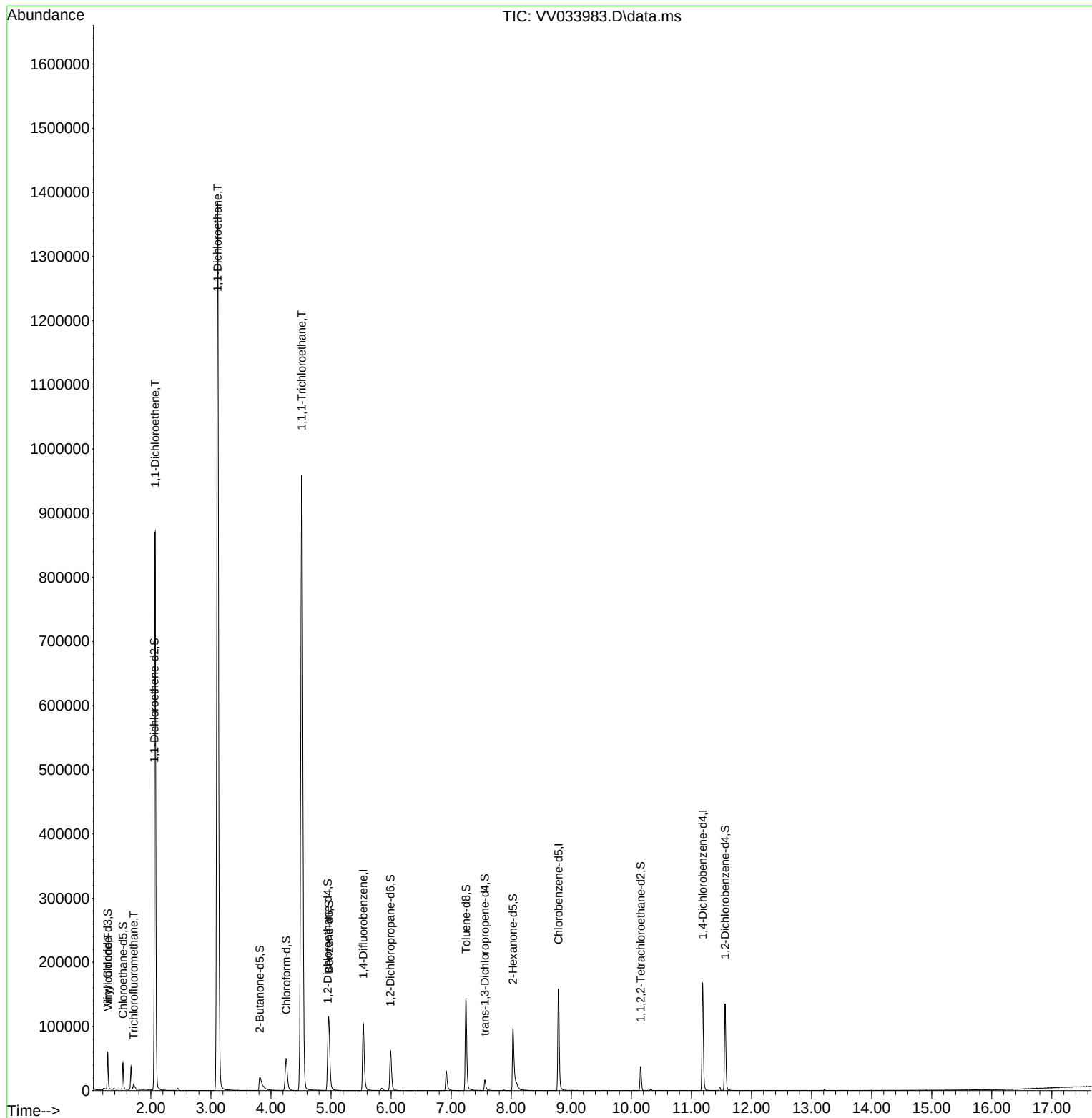
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	92719	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	86592	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	28221	3.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.536	69	25210	4.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.060	65	14099	4.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.815	46	48182	39.952	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.900%
24) Chloroform-d	4.252	84	53786	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	4.944	65	26453	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.963	84	104527	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.989	67	30041	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.246	98	97616	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.561	79	11302	4.122	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.027	63	35833	36.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.220%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18141	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	34472	4.428	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	11097	1.253	ug/L	100
9) Trichlorofluoromethane	1.716	101	4206	0.330	ug/L	92
12) 1,1-Dichloroethene	2.072	96	236373	36.493	ug/L #	73
19) 1,1-Dichloroethane	3.111	63	1370908	113.087	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	789550	67.914	ug/L	99

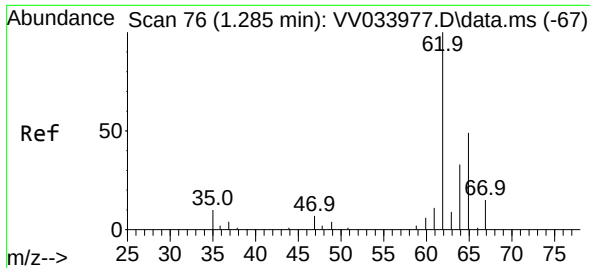
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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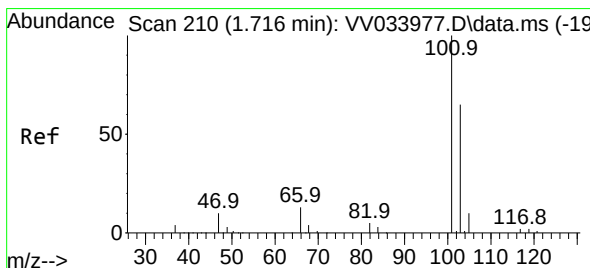
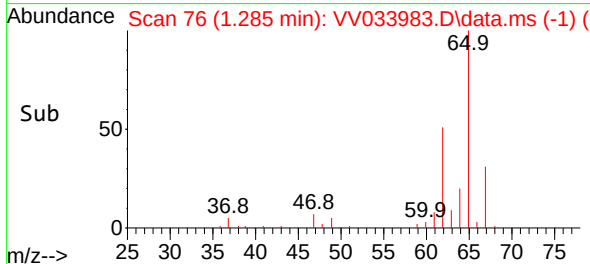
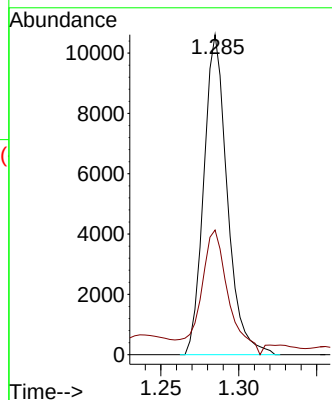
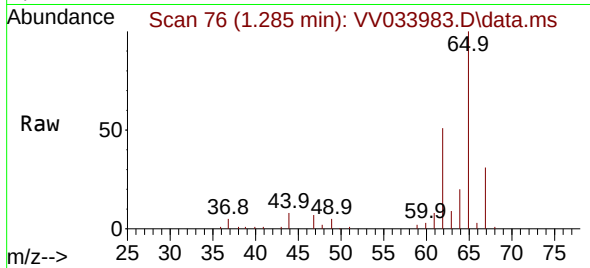




#5
 Vinyl chloride
 Concen: 1.253 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033983.D
 Acq: 05 Feb 2024 13:15

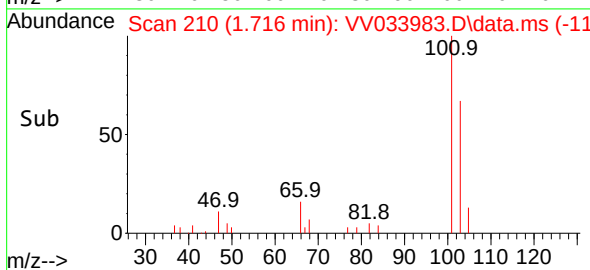
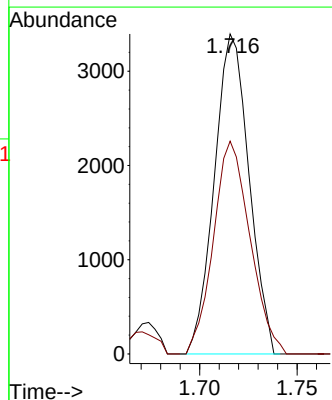
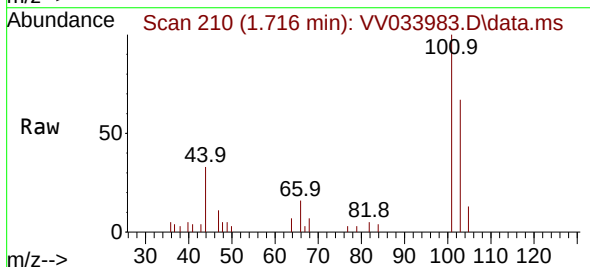
Instrument :
 MSVOA_V
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 C0AF7

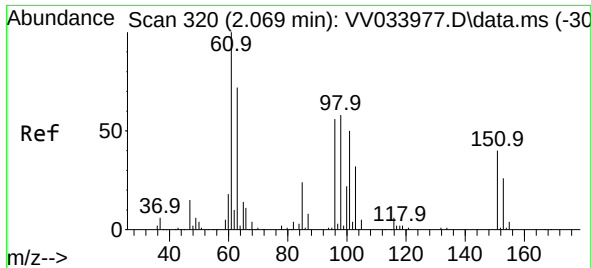
Tgt Ion: 62 Resp: 11097
 Ion Ratio Lower Upper
 62 100
 64 39.0 27.2 50.4



#9
 Trichlorofluoromethane
 Concen: 0.330 ug/L
 RT: 1.716 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VV033983.D
 Acq: 05 Feb 2024 13:15

Tgt Ion: 101 Resp: 4206
 Ion Ratio Lower Upper
 101 100
 103 70.2 51.0 76.4





#12

1,1-Dichloroethene

Concen: 36.493 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033983.D

Acq: 05 Feb 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

C0AF7

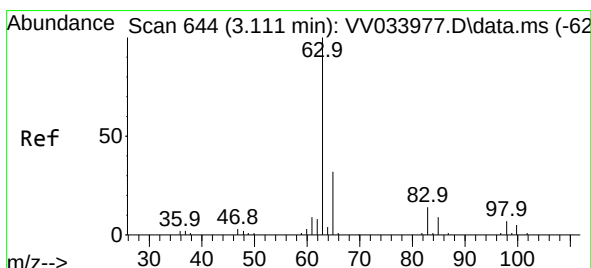
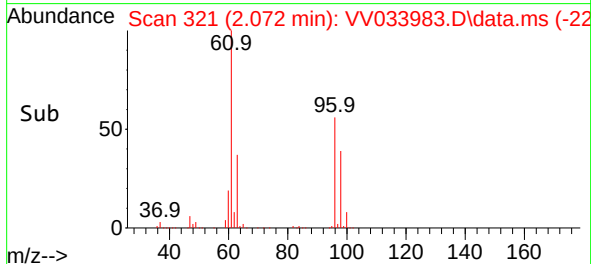
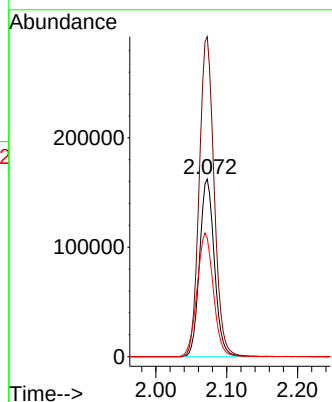
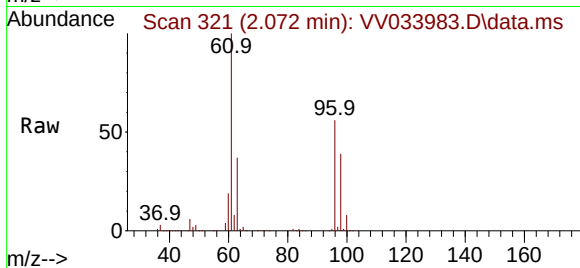
Tgt Ion: 96 Resp: 236373

Ion Ratio Lower Upper

96 100

61 180.1 128.8 239.2

63 66.8 97.9 181.9#



#19

1,1-Dichloroethane

Concen: 113.087 ug/L

RT: 3.111 min Scan# 644

Delta R.T. -0.000 min

Lab File: VV033983.D

Acq: 05 Feb 2024 13:15

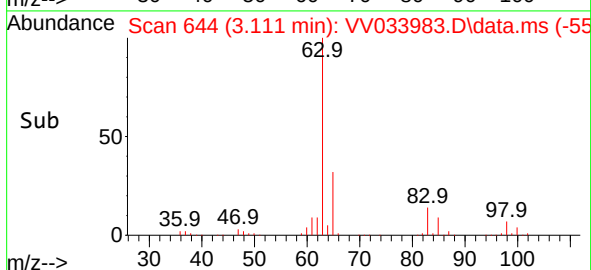
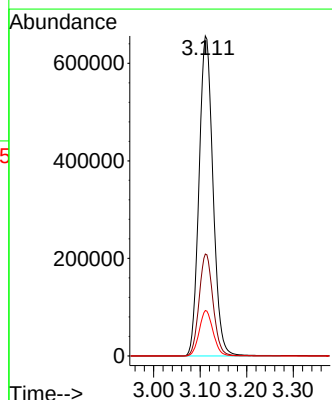
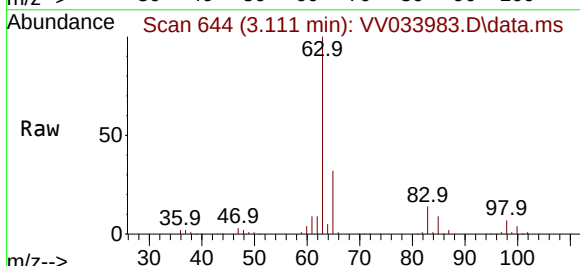
Tgt Ion: 63 Resp: 1370908

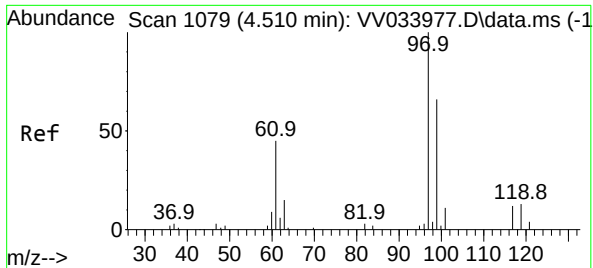
Ion Ratio Lower Upper

63 100

65 31.9 20.8 38.6

83 14.2 9.4 17.4





#29
 1,1,1-Trichloroethane
 Concen: 67.914 ug/L
 RT: 4.513 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VV033983.D
 Acq: 05 Feb 2024 13:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF7

Tgt Ion: 97 Resp: 789550

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	75.8
61	44.9	36.8	55.2

