

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033993.D
 Acq On : 05 Feb 2024 17:14
 Operator : SY/MD
 Sample : P1289-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF9

Quant Time: Feb 06 05:16:29 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)

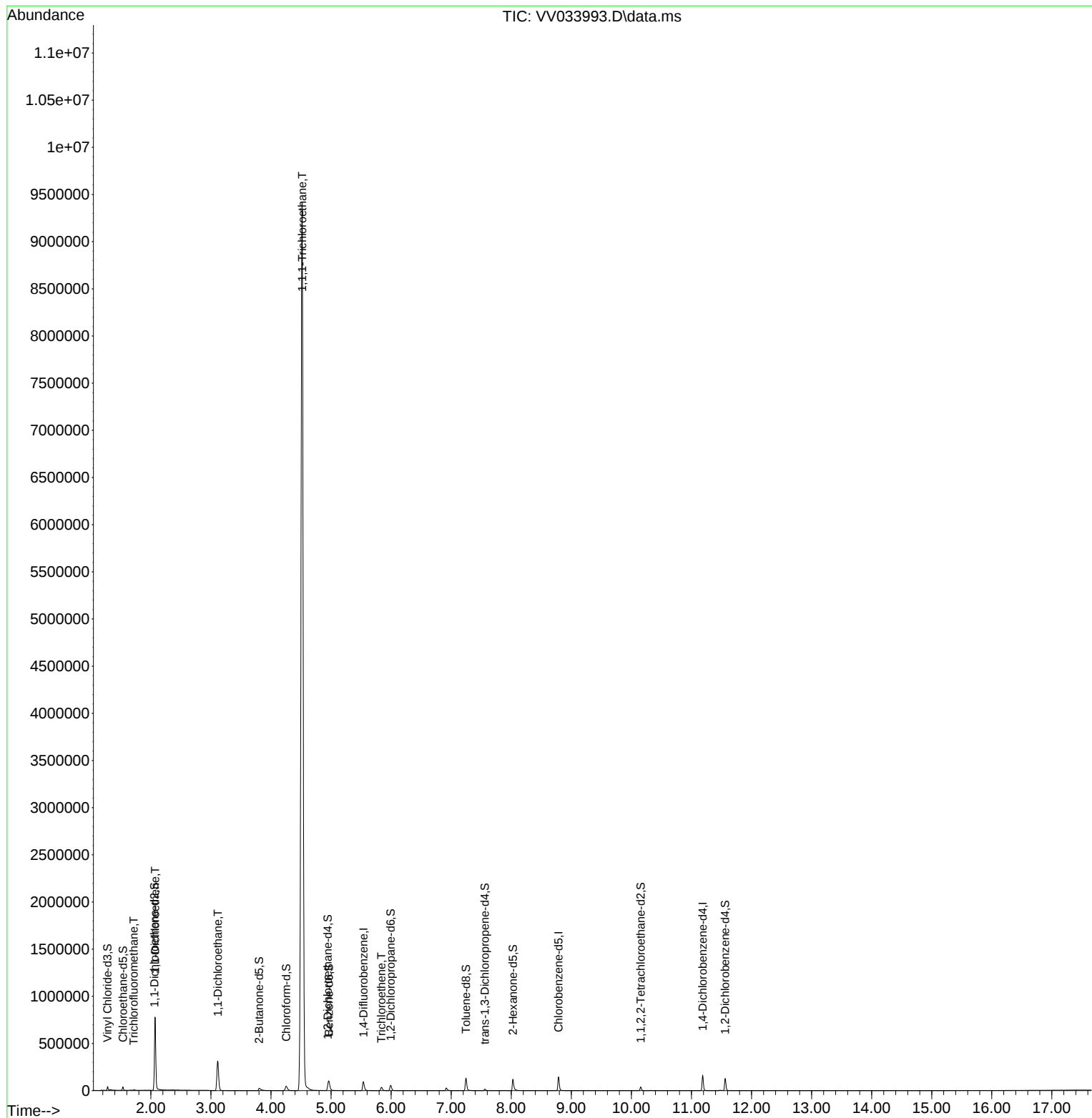
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	81380	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23145	3.672	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.535	69	21937	3.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.060	65	12287	4.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	3.802	46	47924	45.275	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.540%
24) Chloroform-d	4.252	84	50833	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.947	65	22935	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	4.963	84	91004	3.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	5.992	67	25965	3.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.246	98	89353	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.561	79	10515	4.252	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.027	63	43393	49.149	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.300%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17787	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	32054	4.355	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.715	101	3421	0.305	ug/L	95
12) 1,1-Dichloroethene	2.072	96	216087	38.009	ug/L #	70
19) 1,1-Dichloroethane	3.114	63	312036	29.326	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	7610331	725.802	ug/L	99
34) Trichloroethene	5.838	95	13124	1.936	ug/L	98

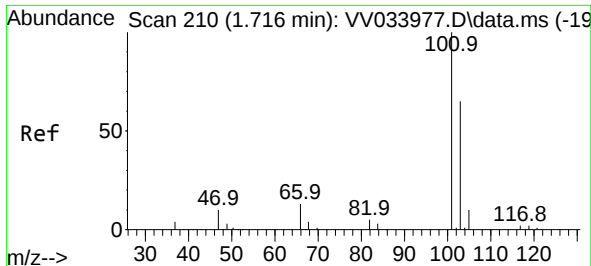
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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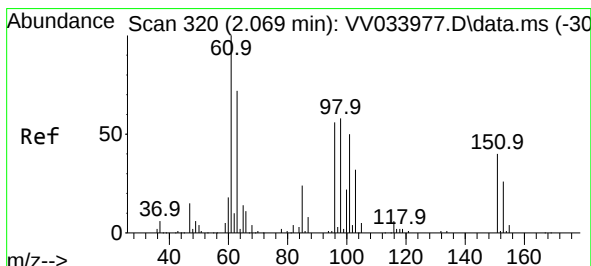
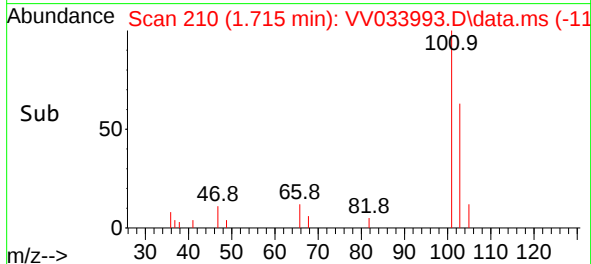
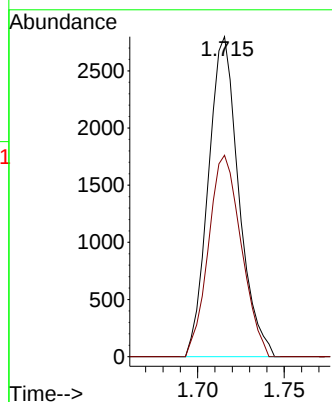
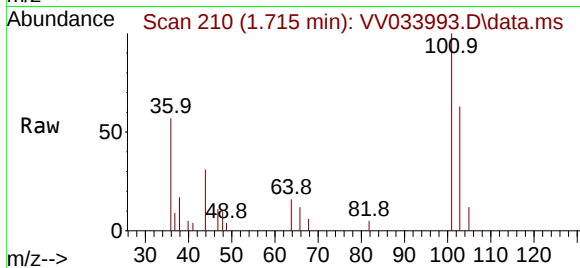




#9
 Trichlorofluoromethane
 Concen: 0.305 ug/L
 RT: 1.715 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VV033993.D
 Acq: 05 Feb 2024 17:14

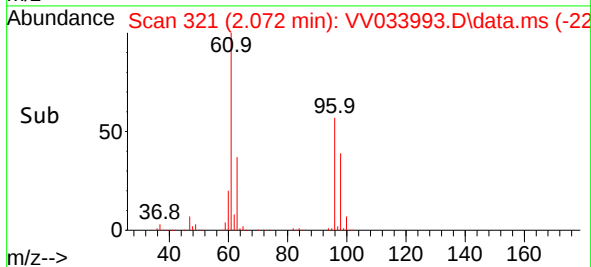
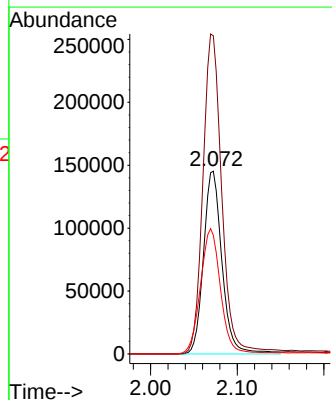
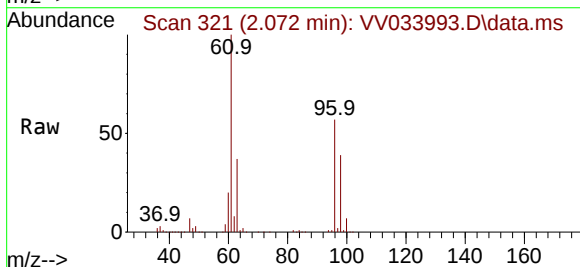
Instrument :
 MSVOA_V
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 C0AF9

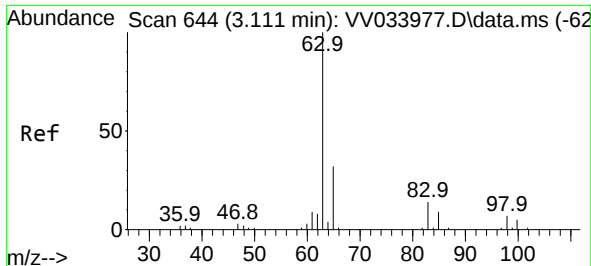
Tgt Ion:101 Resp: 3421
 Ion Ratio Lower Upper
 101 100
 103 68.0 51.0 76.4



#12
 1,1-Dichloroethene
 Concen: 38.009 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV033993.D
 Acq: 05 Feb 2024 17:14

Tgt Ion: 96 Resp: 216087
 Ion Ratio Lower Upper
 96 100
 61 174.1 128.8 239.2
 63 65.0 97.9 181.9#





#19

1,1-Dichloroethane

Concen: 29.326 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033993.D

Acq: 05 Feb 2024 17:14

Instrument :

MSVOA_V

ClientSampleId :

C0AF9

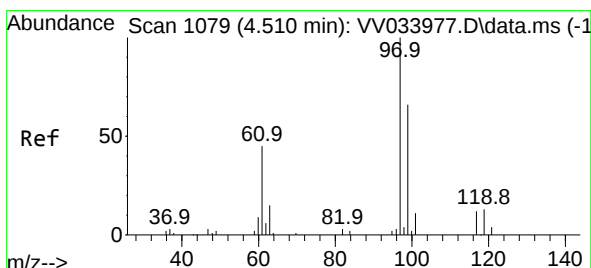
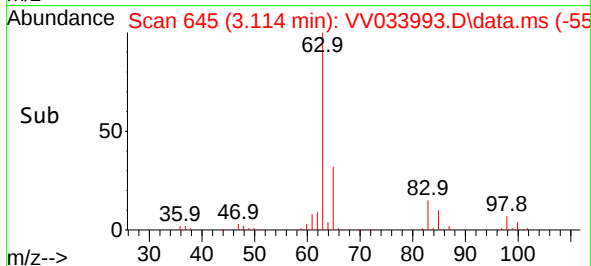
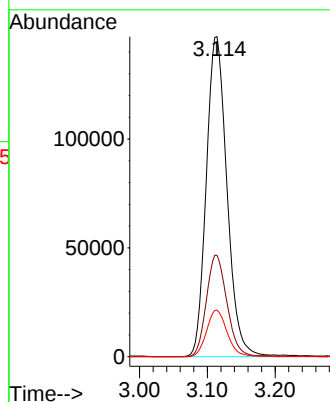
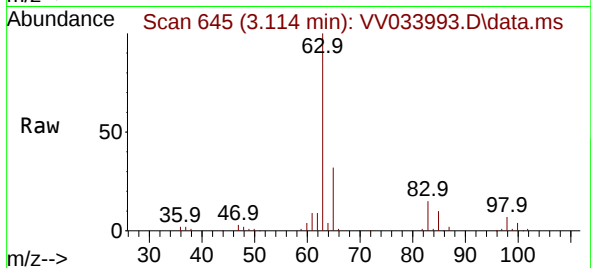
Tgt Ion: 63 Resp: 312036

Ion Ratio Lower Upper

63 100

65 31.7 20.8 38.6

83 14.5 9.4 17.4



#29

1,1,1-Trichloroethane

Concen: 725.802 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.010 min

Lab File: VV033993.D

Acq: 05 Feb 2024 17:14

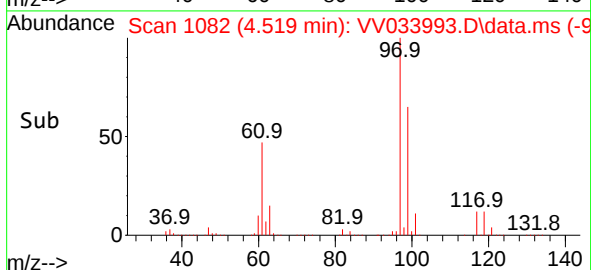
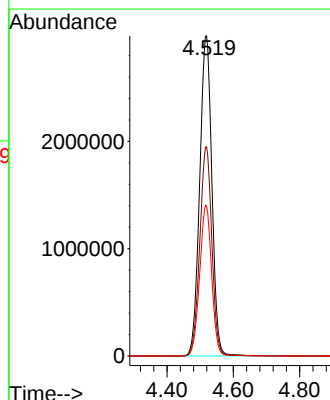
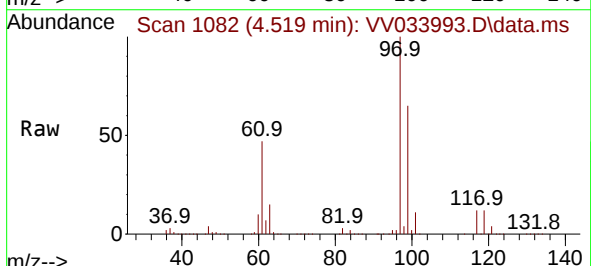
Tgt Ion: 97 Resp: 7610331

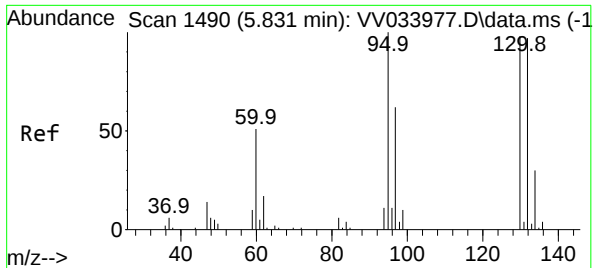
Ion Ratio Lower Upper

97 100

99 64.8 50.6 75.8

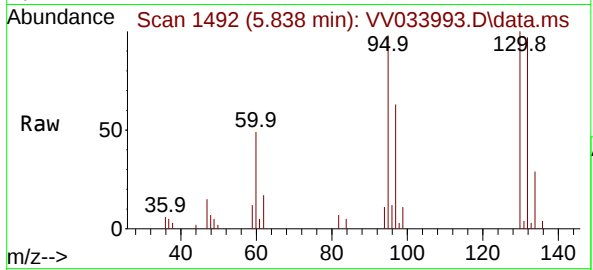
61 46.4 36.8 55.2





#34
 Trichloroethene
 Concen: 1.936 ug/L
 RT: 5.838 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: VV033993.D
 Acq: 05 Feb 2024 17:14

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Tgt Ion: 95 Resp: 13124

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.1	83.7
132	98.6	66.0	122.6
130	101.5	72.2	134.0

