

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062259.D
 Acq On : 11 Dec 2024 23:55
 Operator : MD/SY
 Sample : P5251-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7J34

Quant Time: Dec 12 01:47:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 01:45:00 2024
 Response via : Initial Calibration

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

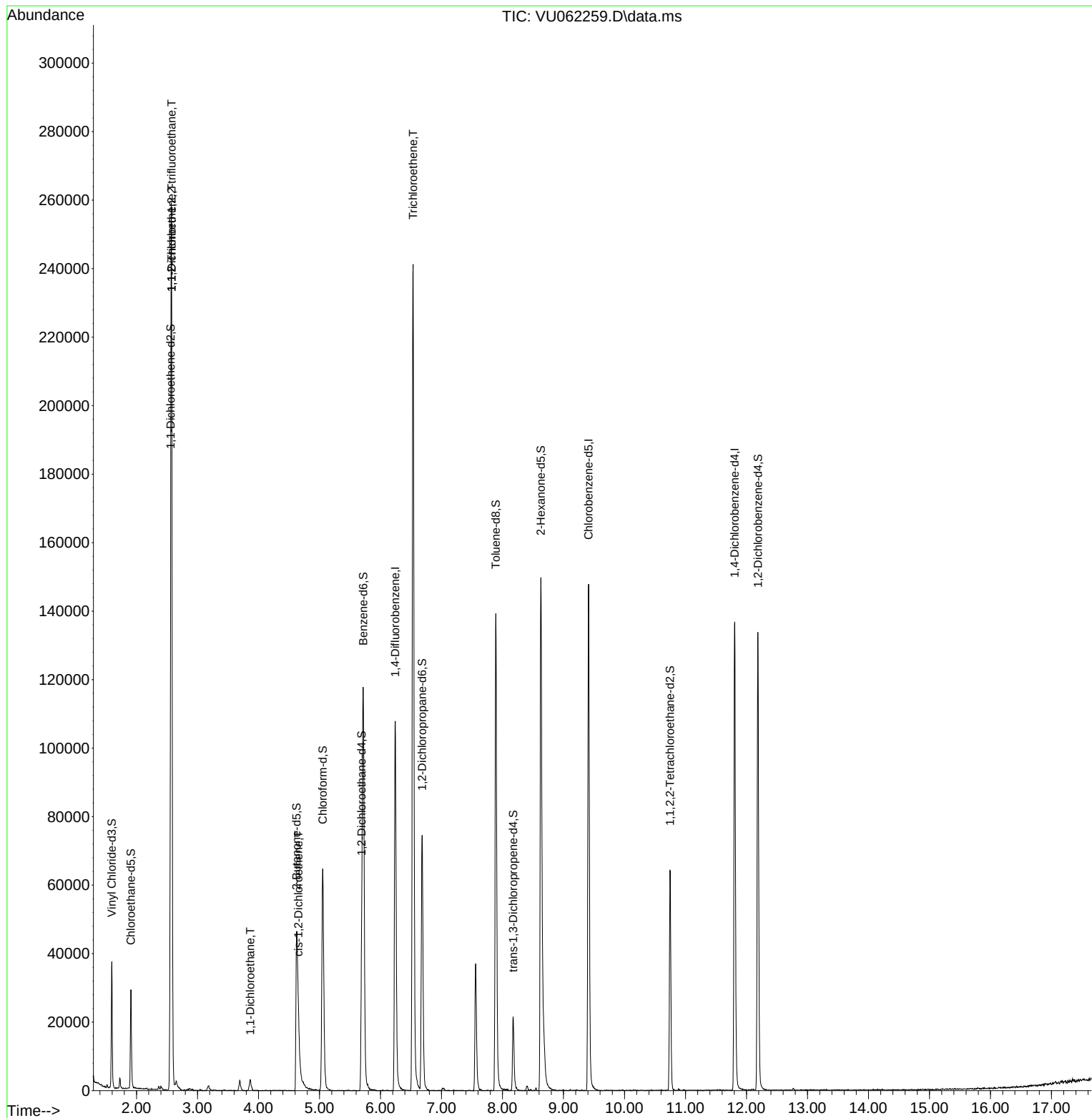
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	92054	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	86703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24174	3.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	20055	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.560	65	11949	4.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.624	46	70186	58.981	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.960%
24) Chloroform-d	5.052	84	64612	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.692	65	36511	5.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.717	84	112702	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.682	67	35977	5.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	100132	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.174	79	14369	4.569	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.627	63	54514	57.455	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	31246	5.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	37877	5.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3520	0.529	ug/L #	92
12) 1,1-Dichloroethene	2.573	96	75848	12.203	ug/L	88
19) 1,1-Dichloroethane	3.865	63	4039	0.345	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	2684	0.375	ug/L	93
34) Trichloroethene	6.534	95	86996	11.430	ug/L	96

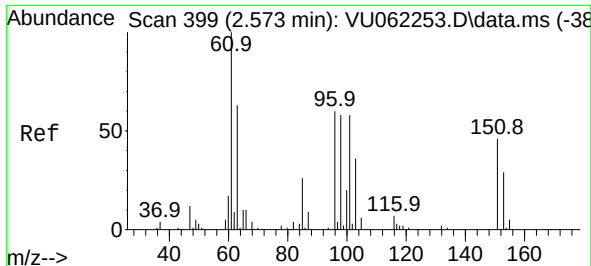
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 12 01:45:00 2024
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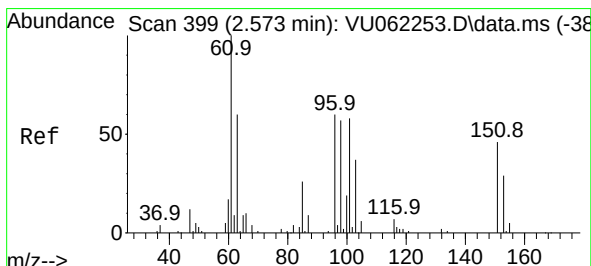
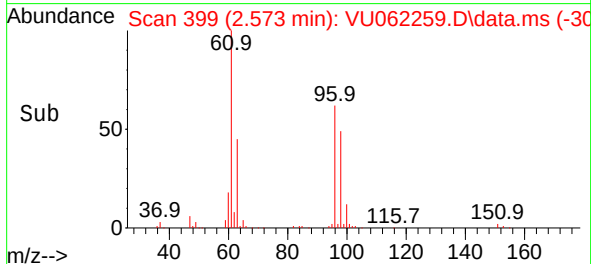
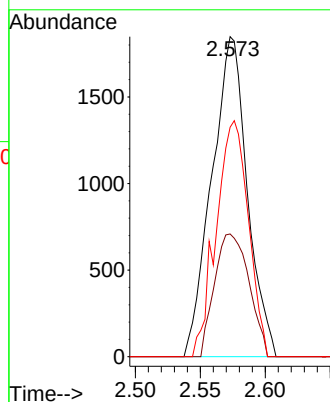
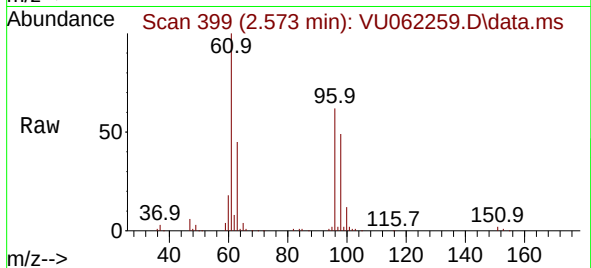




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.529 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062259.D
 Acq: 11 Dec 2024 23:55

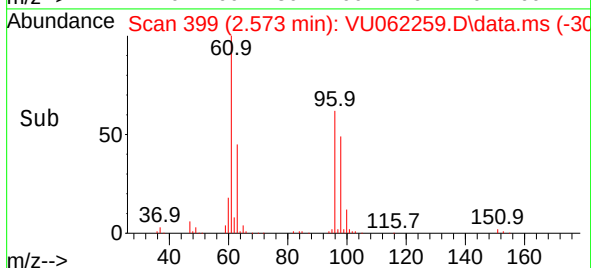
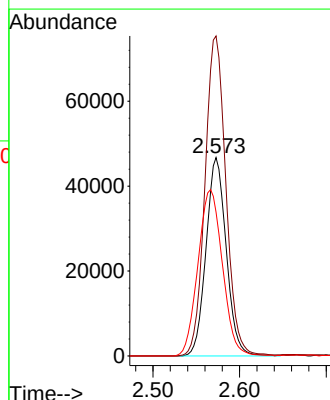
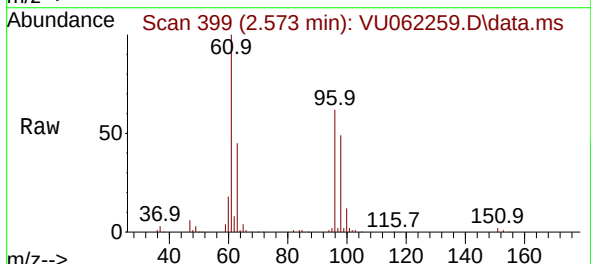
Instrument :
 MSVOA_U
 ClientSampleId :
 F7J34

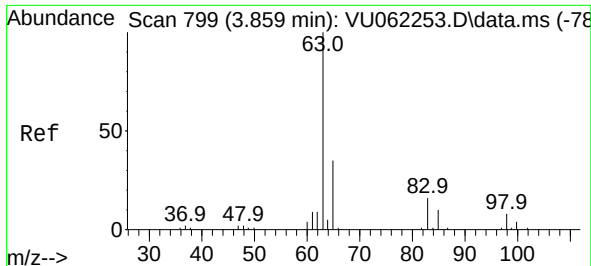
Tgt Ion:101 Resp: 3520
 Ion Ratio Lower Upper
 101 100
 85 37.2 38.0 57.0#
 151 66.7 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 12.203 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062259.D
 Acq: 11 Dec 2024 23:55

Tgt Ion: 96 Resp: 75848
 Ion Ratio Lower Upper
 96 100
 61 161.3 119.6 222.2
 63 72.6 65.0 120.6





#19

1,1-Dichloroethane

Concen: 0.345 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU062259.D

Acq: 11 Dec 2024 23:55

Instrument :

MSVOA_U

ClientSampleId :

F7J34

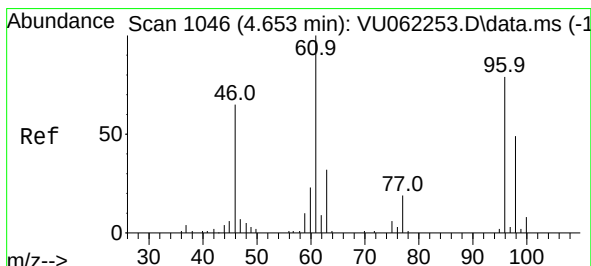
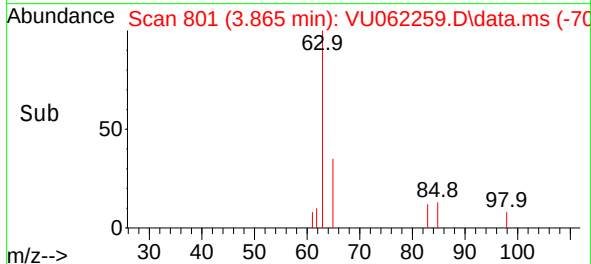
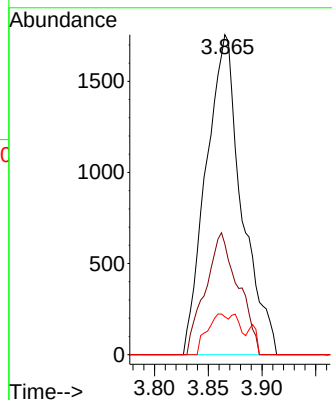
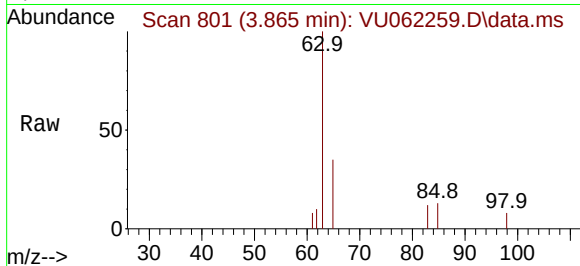
Tgt Ion: 63 Resp: 4039

Ion Ratio Lower Upper

63 100

65 34.6 22.7 42.3

83 11.8 9.9 18.3



#22

cis-1,2-Dichloroethene

Concen: 0.375 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU062259.D

Acq: 11 Dec 2024 23:55

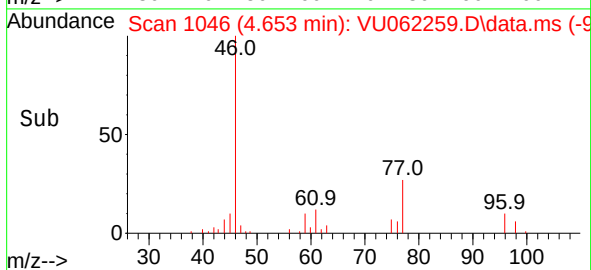
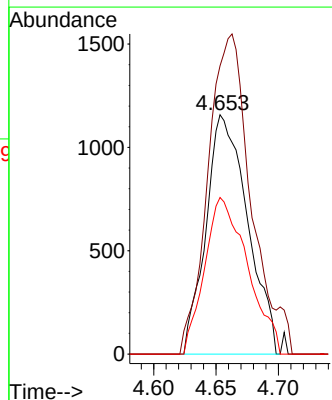
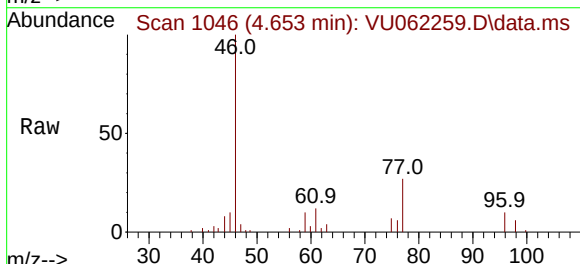
Tgt Ion: 96 Resp: 2684

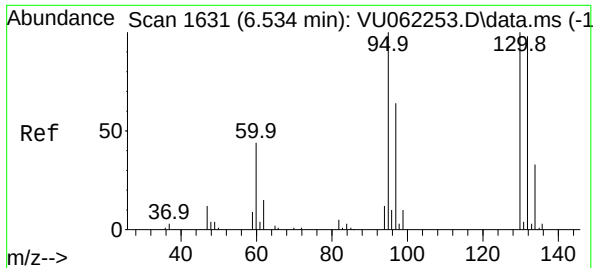
Ion Ratio Lower Upper

96 100

61 120.5 92.0 170.8

98 65.5 44.5 82.7





#34
 Trichloroethene
 Concen: 11.430 ug/L
 RT: 6.534 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU062259.D
 Acq: 11 Dec 2024 23:55

Instrument :
 MSVOA_U
 ClientSampleId :
 F7J34

Tgt Ion: 95	Resp:	86996
Ion Ratio	Lower	Upper
95	100	
97	67.0	45.9 85.3
132	94.7	63.8 118.4
130	98.4	65.5 121.7

