

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062363.D
 Acq On : 17 Dec 2024 02:46
 Operator : MD/SY
 Sample : P5274-05DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8B4DL

Quant Time: Dec 17 04:26:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 01:28:58 2024
 Response via : Initial Calibration

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

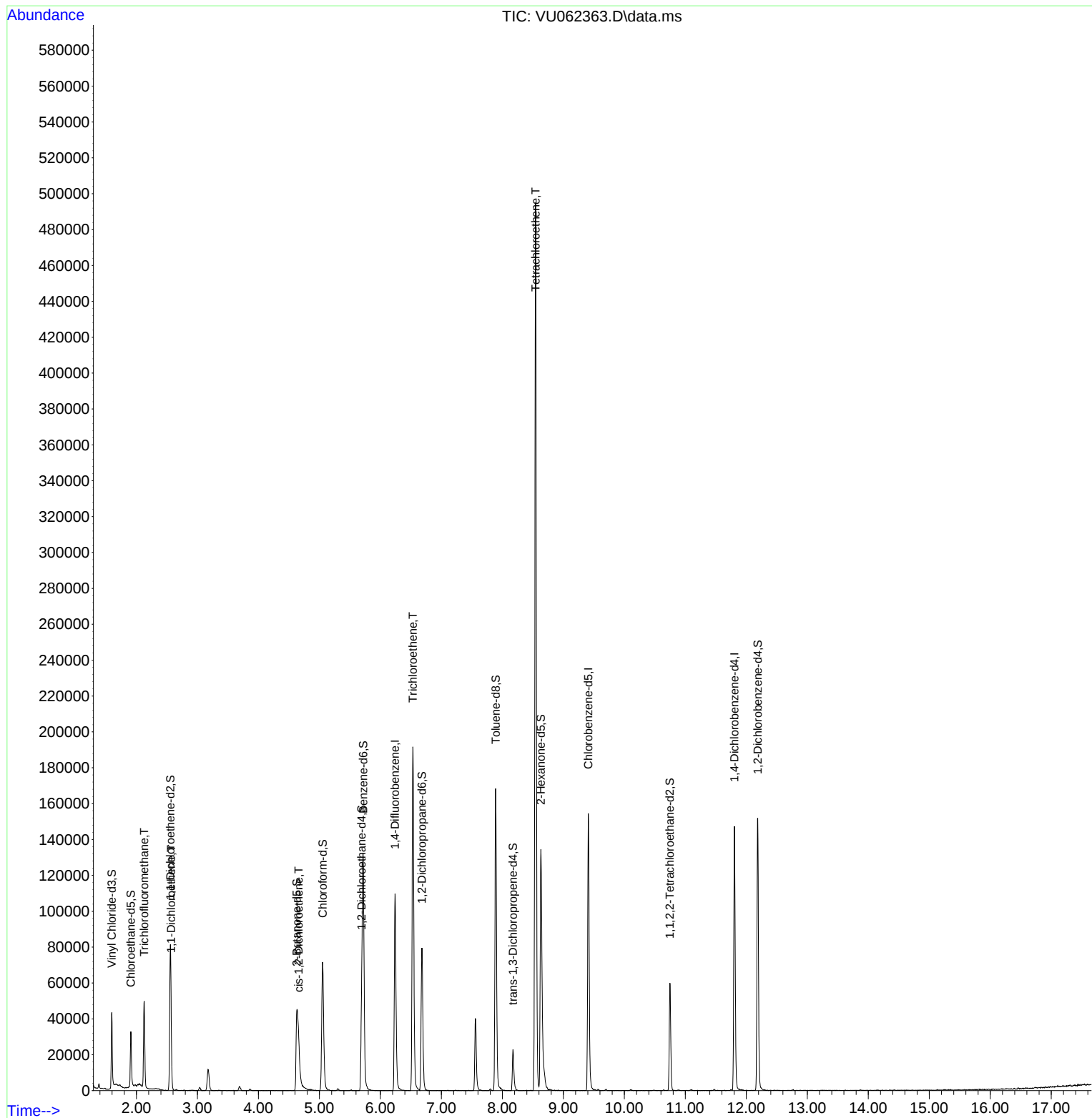
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	92050	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29809	4.801	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.908	69	22448	5.083	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.600%	
11) 1,1-Dichloroethene-d2	2.557	65	14781	5.004	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.000%	
20) 2-Butanone-d5	4.628	46	60194	50.587	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.180%	
24) Chloroform-d	5.052	84	70275	5.230	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.692	65	37139	5.621	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.400%	
32) Benzene-d6	5.718	84	126051	4.956	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.679	67	36357	4.996	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.891	98	117394	4.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
43) trans-1,3-Dichloroprop...	8.174	79	14939	4.664	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.631	63	50764	52.534	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.060%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29308	5.176	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	43472	5.627	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.600%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.126	101	32264	2.642	ug/L	99
12) 1,1-Dichloroethene	2.567	96	2642	0.425	ug/L	# 1
22) cis-1,2-Dichloroethene	4.660	96	7906	1.105	ug/L	92
34) Trichloroethene	6.531	95	67757	8.741	ug/L	96
47) Tetrachloroethene	8.544	164	109867	18.357	ug/L	96

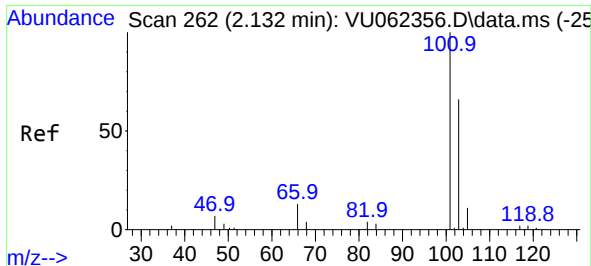
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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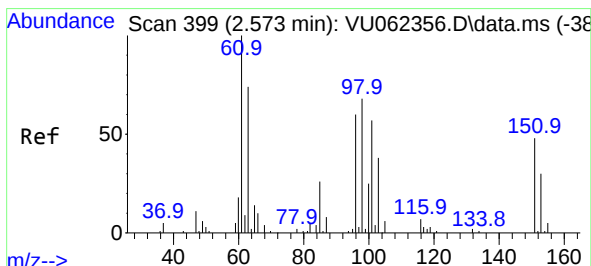
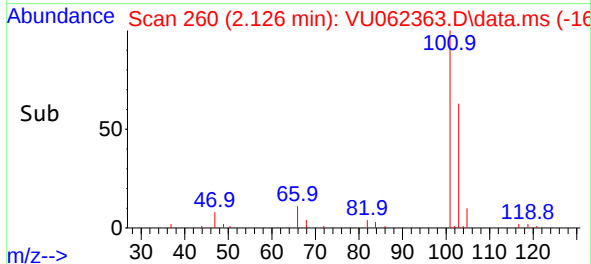
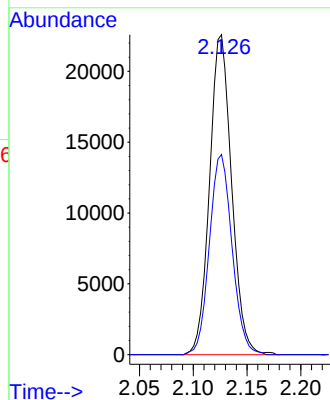
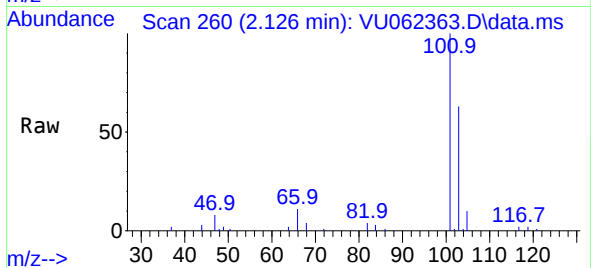




#9
Trichlorofluoromethane
Concen: 2.642 ug/L
RT: 2.126 min Scan# 20
Delta R.T. -0.006 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

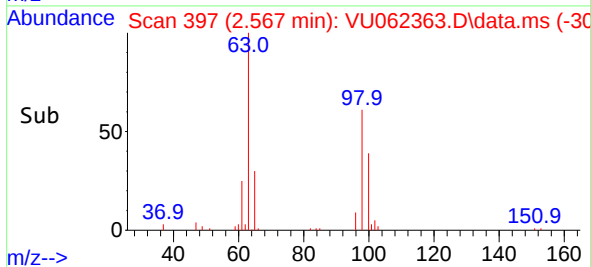
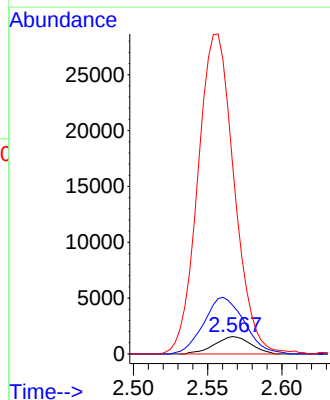
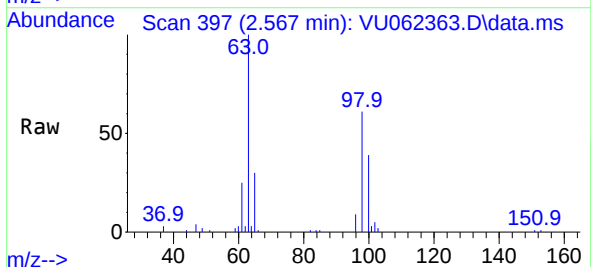
Instrument :
MSVOA_U
ClientSampleId :
BH8B4DL

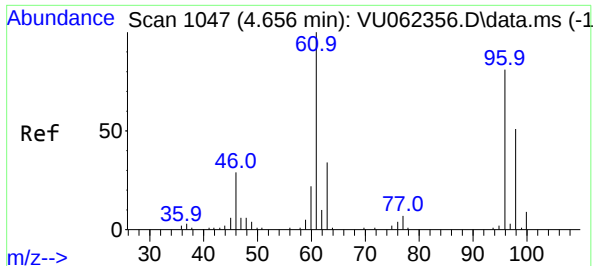
Tgt Ion:101 Resp: 32264
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8



#12
1,1-Dichloroethene
Concen: 0.425 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.006 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

Tgt Ion: 96 Resp: 2642
Ion Ratio Lower Upper
96 100
61 281.3 119.6 222.2#
63 1103.7 65.0 120.6#

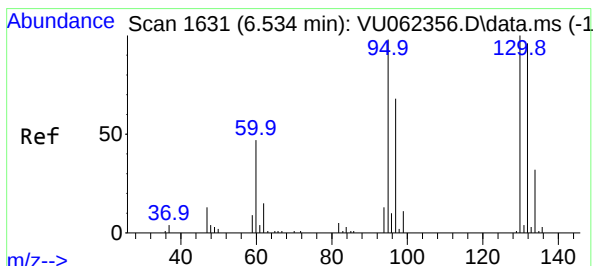
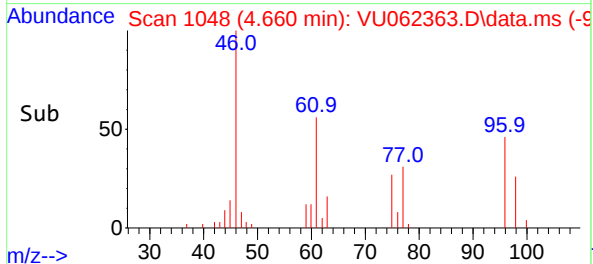
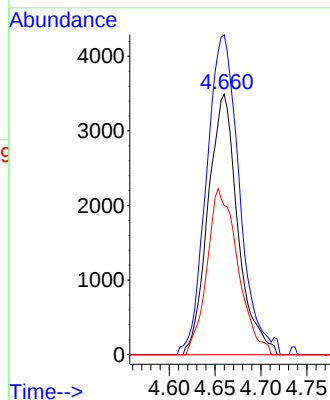
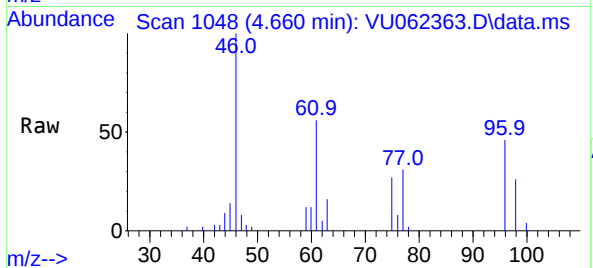




#22
cis-1,2-Dichloroethene
Concen: 1.105 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

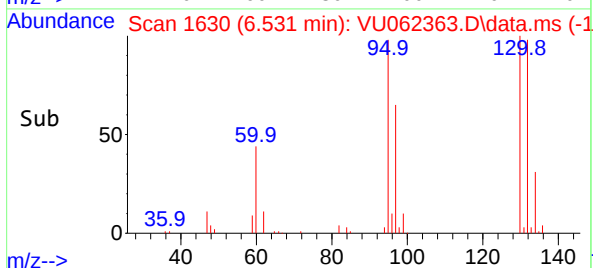
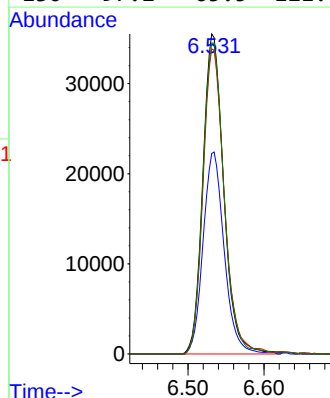
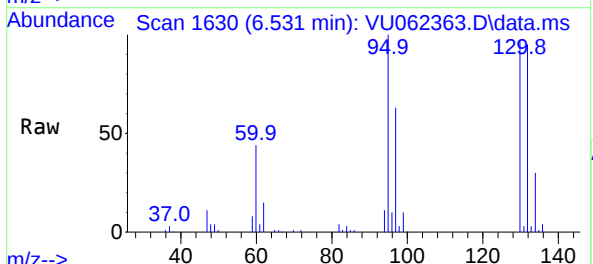
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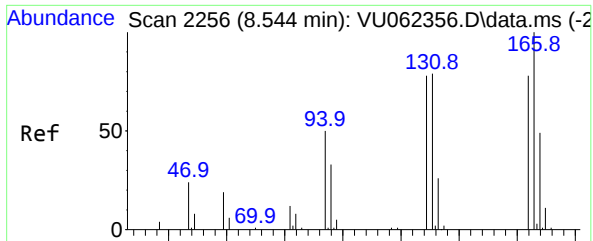
Tgt Ion: 96 Resp: 7906
Ion Ratio Lower Upper
96 100
61 122.9 92.0 170.8
98 57.2 44.5 82.7



#34
Trichloroethene
Concen: 8.741 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

Tgt Ion: 95 Resp: 67757
Ion Ratio Lower Upper
95 100
97 62.7 45.9 85.3
132 95.4 63.8 118.4
130 97.2 65.5 121.7





#47
Tetrachloroethene
Concen: 18.357 ug/L
RT: 8.544 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

Instrument :
MSVOA_U
ClientSampleId :
BH8B4DL

Tgt Ion:164 Resp: 109867
Ion Ratio Lower Upper
164 100
129 100.4 73.2 136.0
131 95.1 72.3 134.3
166 129.1 90.2 167.4

