

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091324\
 Data File : VU060762.D
 Acq On : 13 Sep 2024 18:45
 Operator : MD/SY
 Sample : P3967-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ0

Quant Time: Sep 14 00:37:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 14 00:33:41 2024
 Response via : Initial Calibration

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

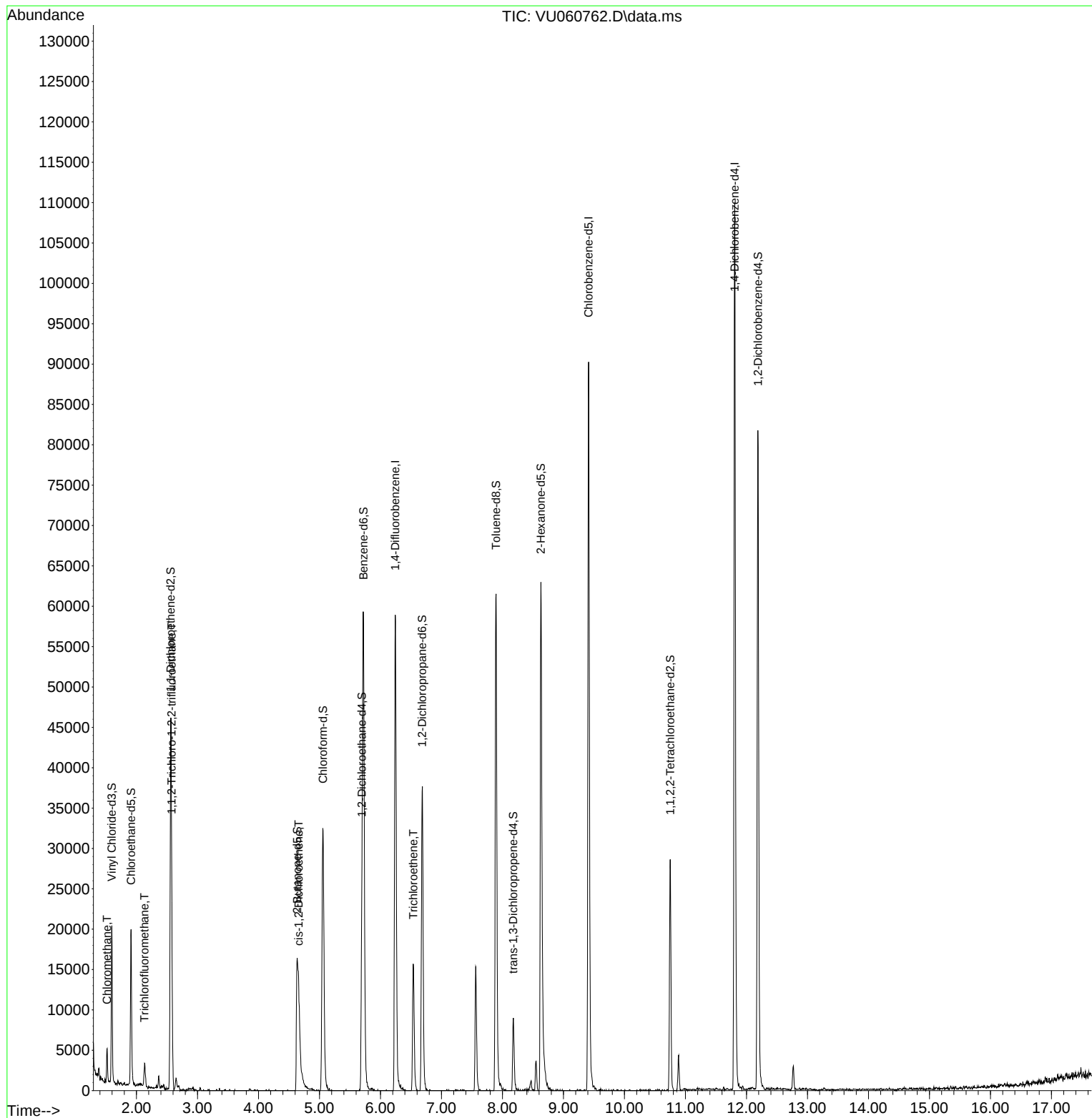
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	49120	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	51841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	13558	6.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.000%
7) Chloroethane-d5	1.911	69	13658	4.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	7193	5.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.600%
20) 2-Butanone-d5	4.634	46	27368	36.684	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.360%
24) Chloroform-d	5.055	84	31873	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.695	65	18008	5.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.721	84	54046	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	17545	4.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	44766	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.177	79	6174	4.717	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.627	63	21641	34.535	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	13438	4.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	23944	5.104	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
3) Chloromethane	1.518	50	2931	0.607	ug/L	94
9) Trichlorofluoromethane	2.129	101	1949	0.189	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5154	1.178	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	2066	0.529	ug/L	91
34) Trichloroethene	6.537	95	5334	1.197	ug/L	98

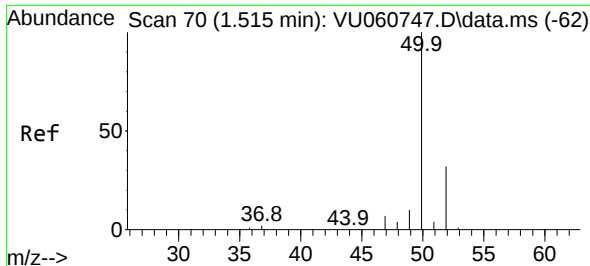
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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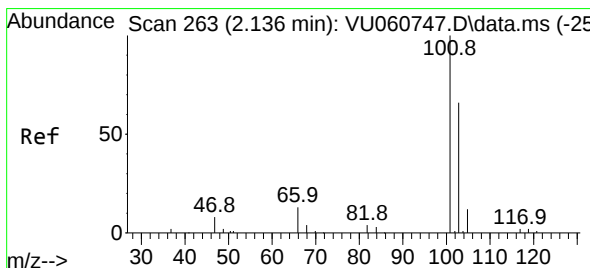
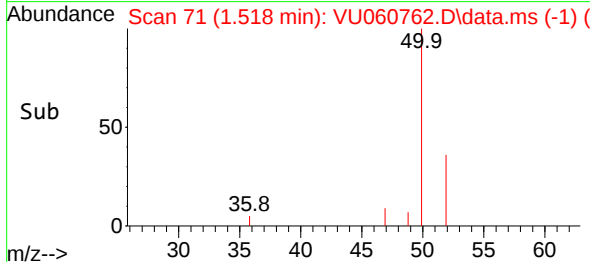
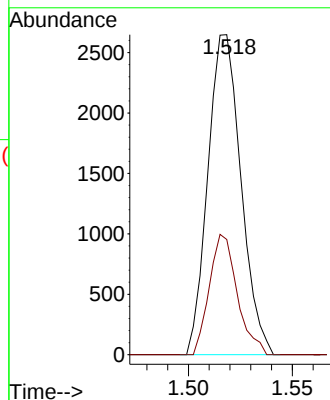
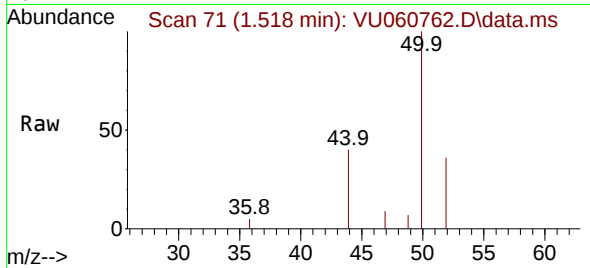




#3
Chloromethane
Concen: 0.607 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU060762.D
Acq: 13 Sep 2024 18:45

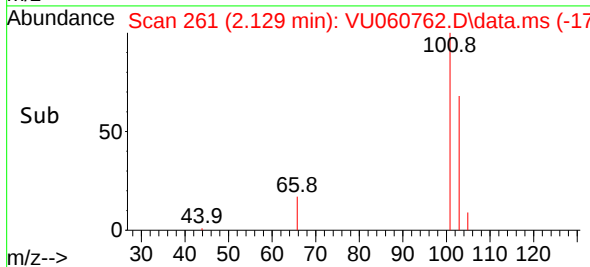
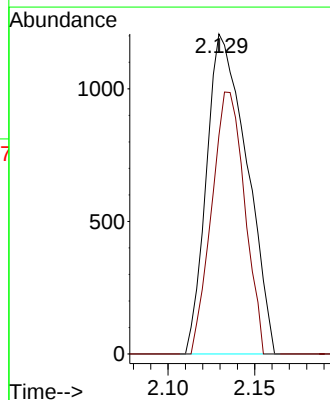
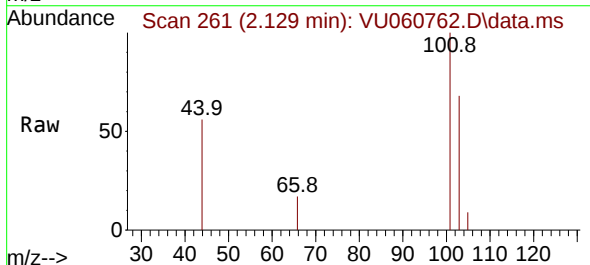
Instrument :
MSVOA_U
ClientSampleId :
C0AQ0

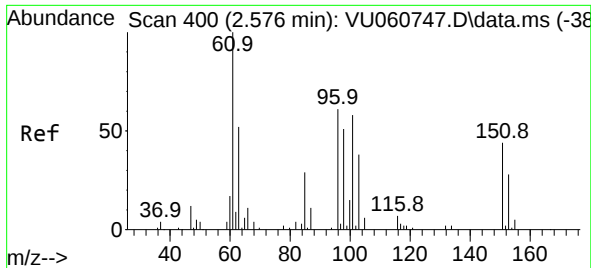
Tgt Ion: 50 Resp: 2931
Ion Ratio Lower Upper
50 100
52 36.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.189 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.006 min
Lab File: VU060762.D
Acq: 13 Sep 2024 18:45

Tgt Ion: 101 Resp: 1949
Ion Ratio Lower Upper
101 100
103 67.1 51.4 77.2

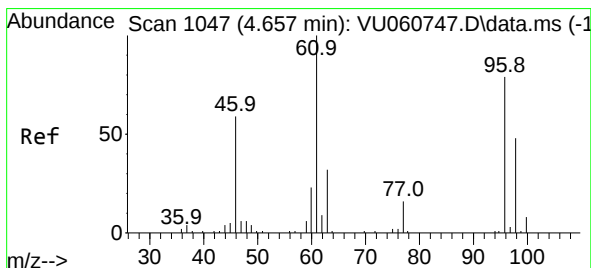
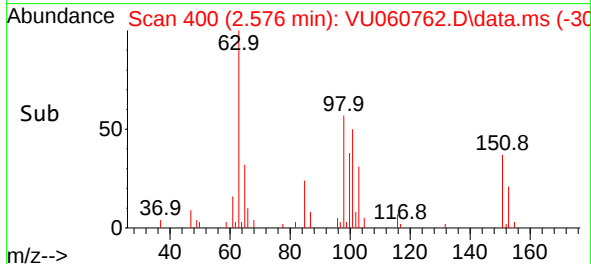
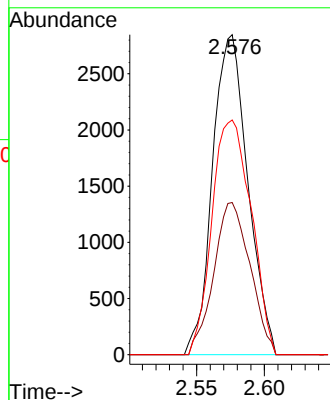
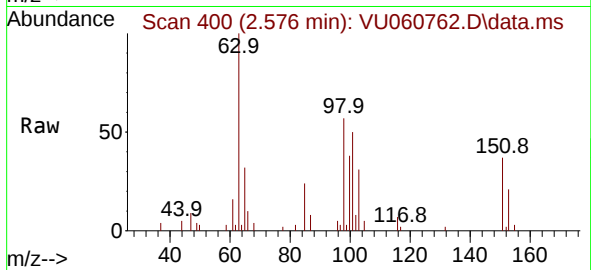




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.178 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060762.D
 Acq: 13 Sep 2024 18:45

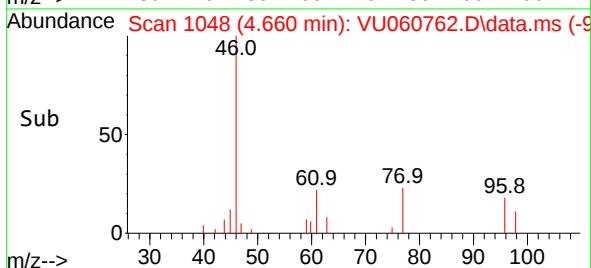
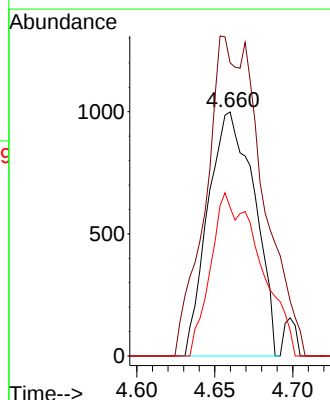
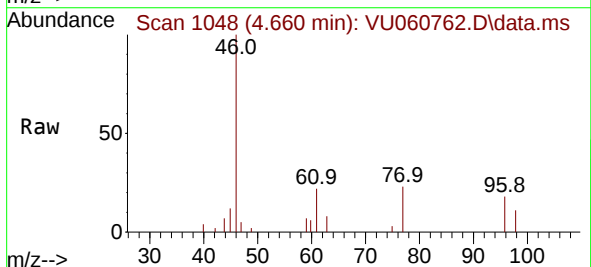
Instrument :
 MSVOA_U
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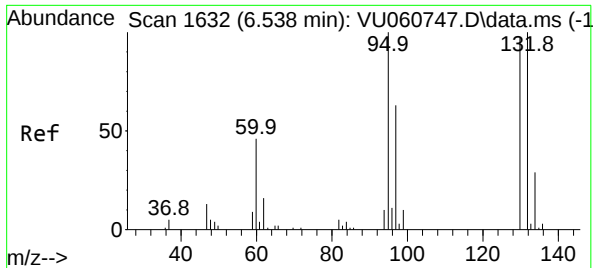
Tgt Ion:101 Resp: 5154
 Ion Ratio Lower Upper
 101 100
 85 49.0 35.8 53.6
 151 81.5 61.7 92.5



#22
 cis-1,2-Dichloroethene
 Concen: 0.529 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU060762.D
 Acq: 13 Sep 2024 18:45

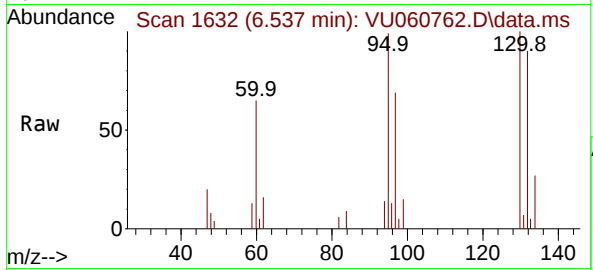
Tgt Ion: 96 Resp: 2066
 Ion Ratio Lower Upper
 96 100
 61 120.1 92.9 172.5
 98 60.9 45.0 83.6





#34
 Trichloroethene
 Concen: 1.197 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU060762.D
 Acq: 13 Sep 2024 18:45

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ0



Tgt Ion: 95	Resp: 5334
Ion Ratio	Lower Upper
95 100	
97 69.4	45.8 85.2
132 95.6	67.4 125.2
130 100.8	72.2 134.2

