

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092424\
 Data File : VU060991.D
 Acq On : 24 Sep 2024 12:27
 Operator : MD/SY
 Sample : P4092-05DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B19DL

Quant Time: Sep 25 04:47:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 25 04:46:41 2024
 Response via : Initial Calibration

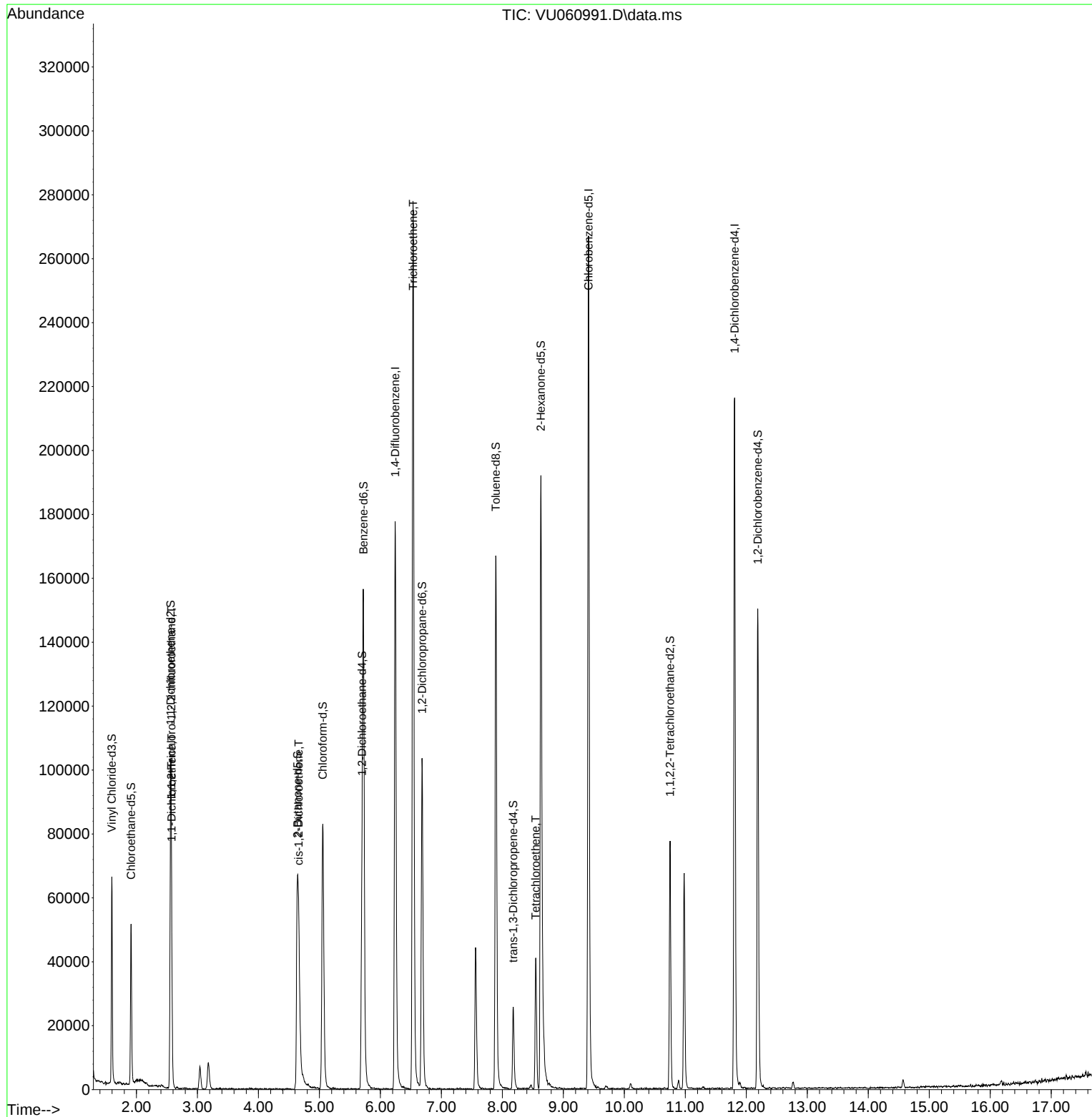
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47404	3.517	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.911	69	38046	3.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.560	65	17434	3.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.637	46	87130	40.266	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.540%
24) Chloroform-d	5.055	84	82078	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.698	65	40488	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.721	84	150337	3.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	6.682	67	53082	4.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.891	98	120093	3.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.800%#
43) trans-1,3-Dichloroprop...	8.177	79	16693	3.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.631	63	68244	36.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	40511	3.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	43009	4.111	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5551	0.538	ug/L	92
12) 1,1-Dichloroethene	2.576	96	5889	0.625	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	14267	1.320	ug/L	97
34) Trichloroethene	6.534	95	98860	8.624	ug/L	98
47) Tetrachloroethene	8.544	164	9785	1.074	ug/L	98

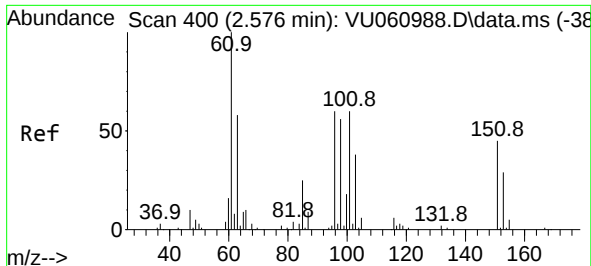
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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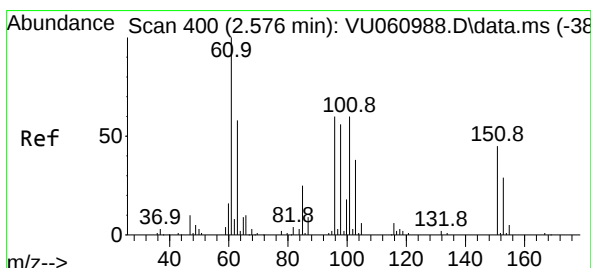
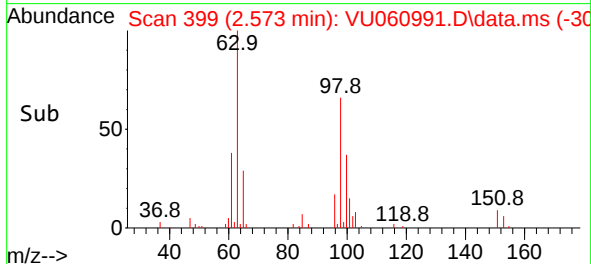
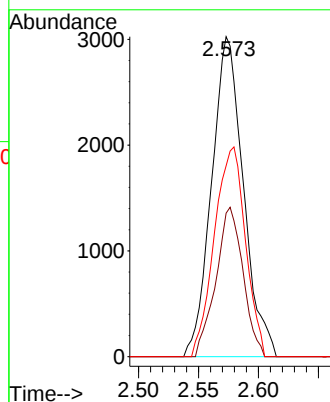
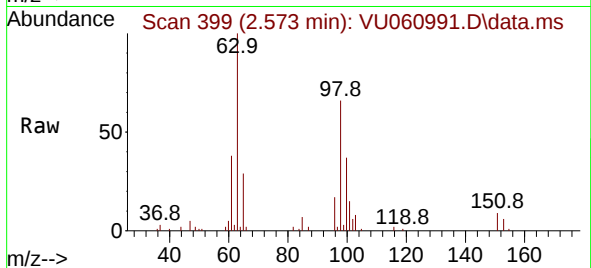




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.538 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060991.D
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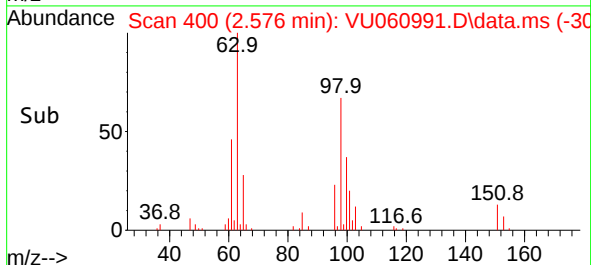
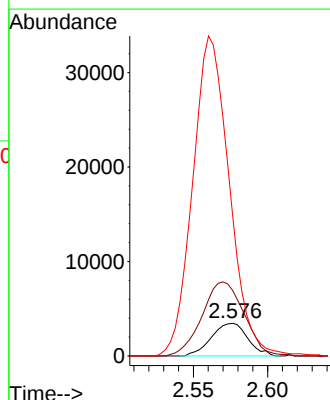
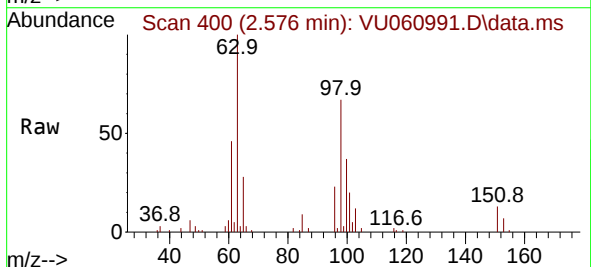
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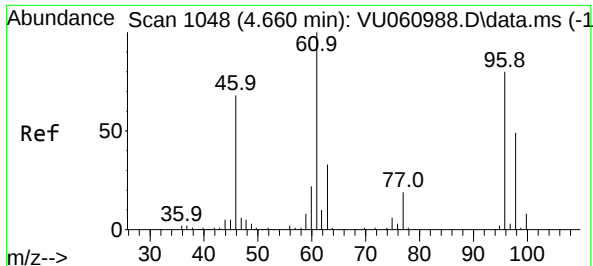
Tgt Ion:101 Resp: 5551
 Ion Ratio Lower Upper
 101 100
 85 39.9 34.2 51.4
 151 64.3 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 0.625 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060991.D
 Acq: 24 Sep 2024 12:27

Tgt Ion: 96 Resp: 5889
 Ion Ratio Lower Upper
 96 100
 61 185.6 120.7 224.1
 63 400.2 90.0 167.2#

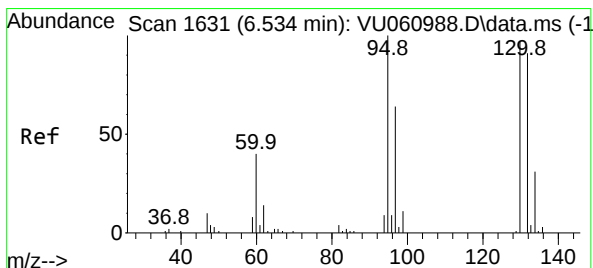
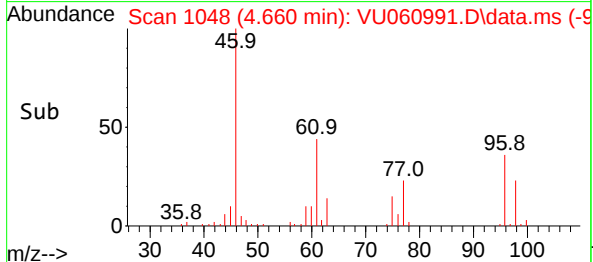
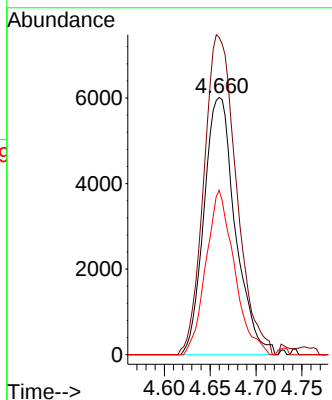
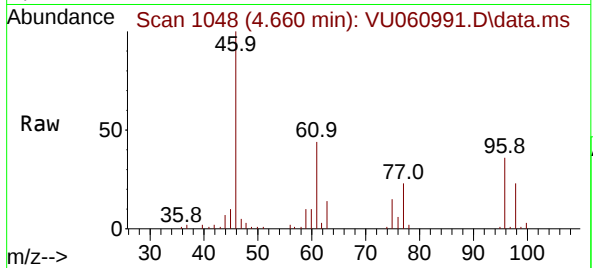




#22
 cis-1,2-Dichloroethene
 Concen: 1.320 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060991.D
 Acq: 24 Sep 2024 12:27

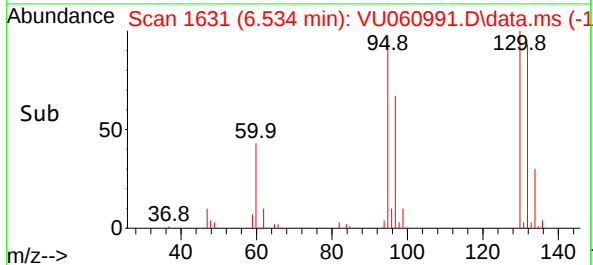
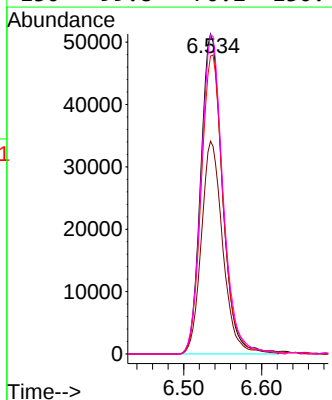
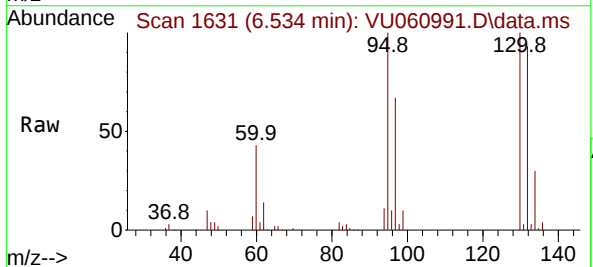
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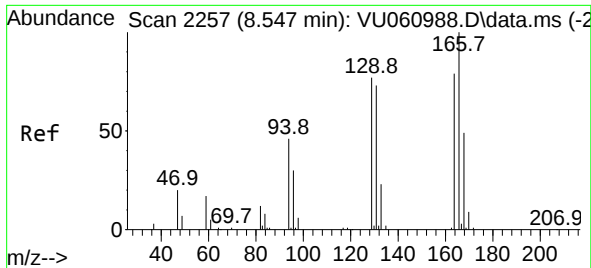
Tgt Ion: 96 Resp: 14267
 Ion Ratio Lower Upper
 96 100
 61 123.3 89.7 166.5
 98 63.9 45.1 83.9



#34
 Trichloroethene
 Concen: 8.624 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU060991.D
 Acq: 24 Sep 2024 12:27

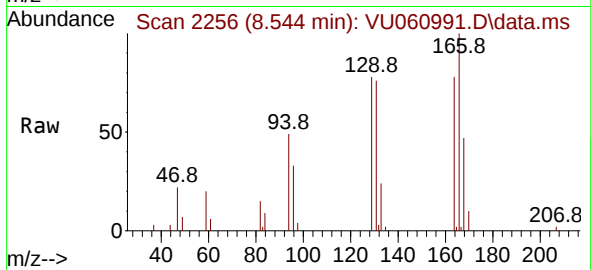
Tgt Ion: 95 Resp: 98860
 Ion Ratio Lower Upper
 95 100
 97 66.5 44.9 83.5
 132 93.1 63.5 117.9
 130 99.8 70.2 130.4





#47
 Tetrachloroethene
 Concen: 1.074 ug/L
 RT: 8.544 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU060991.D
 Acq: 24 Sep 2024 12:27

Instrument :
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 ClientSampleId :
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Tgt Ion:	164	Resp:	9785
Ion	Ratio	Lower	Upper
164	100		
129	98.3	67.3	124.9
131	96.0	65.4	121.4
166	127.5	89.5	166.1

