

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
 Data File : VU060083.D
 Acq On : 22 Jul 2024 11:11
 Operator : MD/SY
 Sample : P3298-19 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAX4

Quant Time: Jul 22 12:34:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

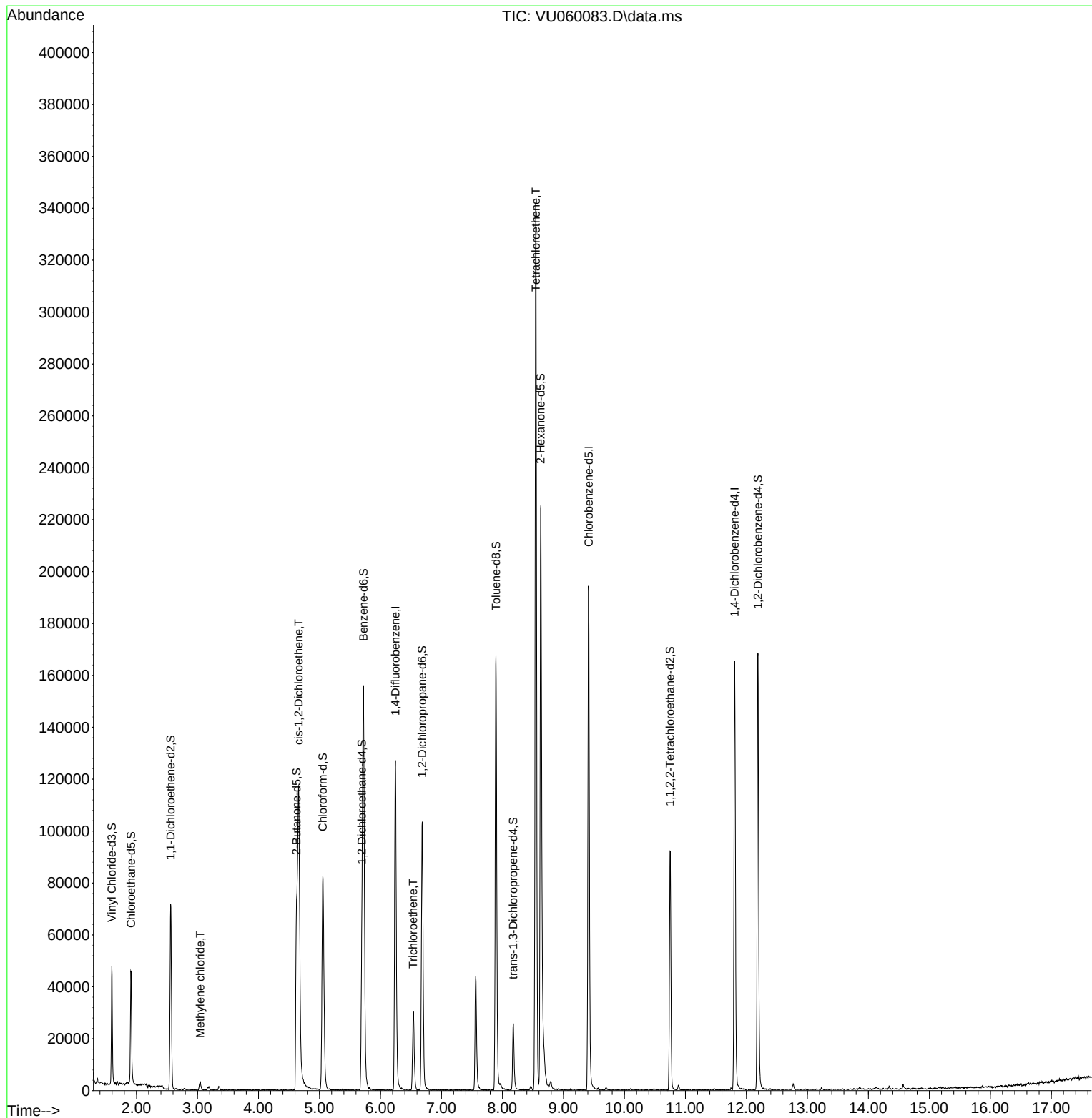
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	113541	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	122304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31336	3.967	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.911	69	34555	4.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.560	65	13309	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.624	46	106124	57.460	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.920%
24) Chloroform-d	5.055	84	81597	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	41887	5.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.721	84	155160	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.685	67	52162	4.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.894	98	122090	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.177	79	16849	4.740	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.627	63	82284	52.169	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50530	5.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	50793	5.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	1859	0.175	ug/L	82
22) cis-1,2-Dichloroethene	4.660	96	56686	5.614	ug/L	100
34) Trichloroethene	6.537	95	10290	0.960	ug/L	99
47) Tetrachloroethene	8.547	164	82024	9.258	ug/L	98

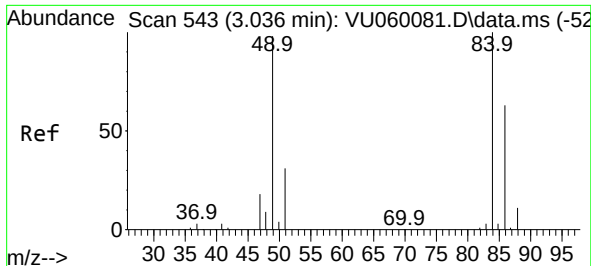
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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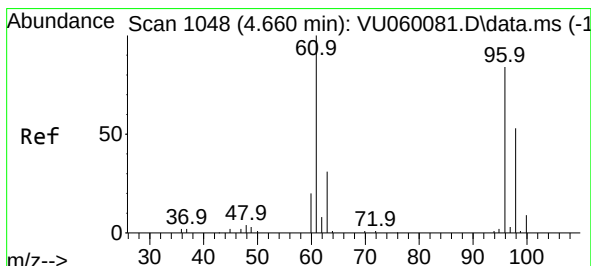
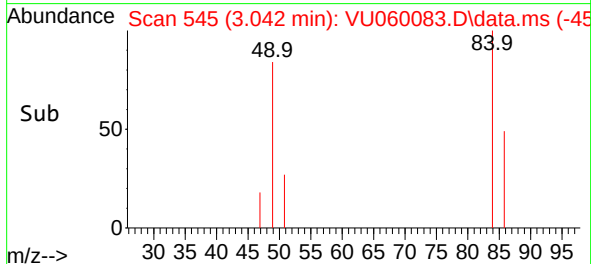
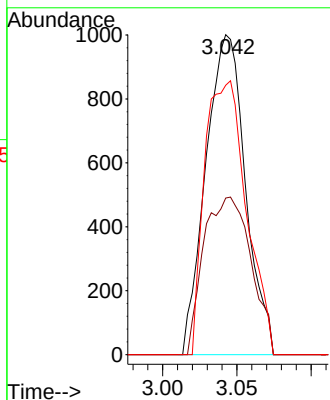
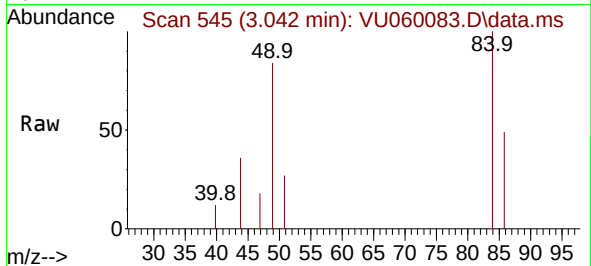




#16
Methylene chloride
Concen: 0.175 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060083.D
Acq: 22 Jul 2024 11:11

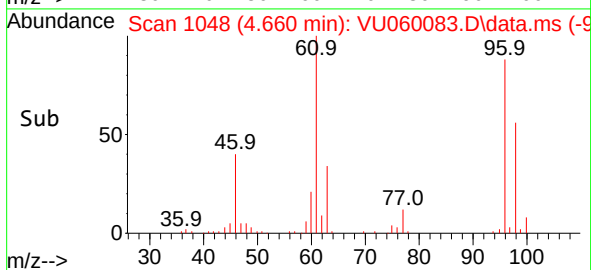
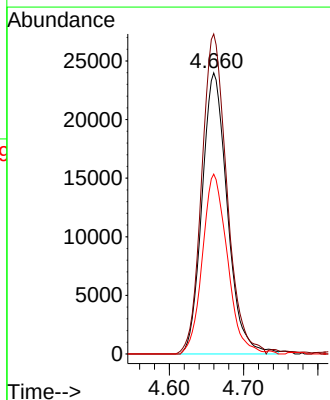
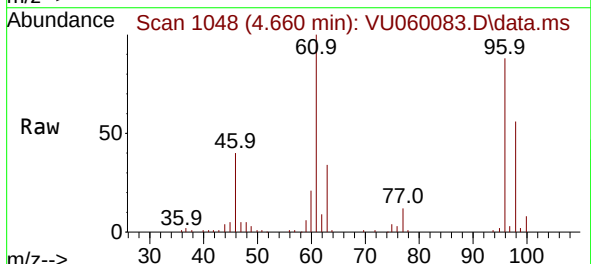
Instrument :
MSVOA_U
ClientSampleId :
BHAX4

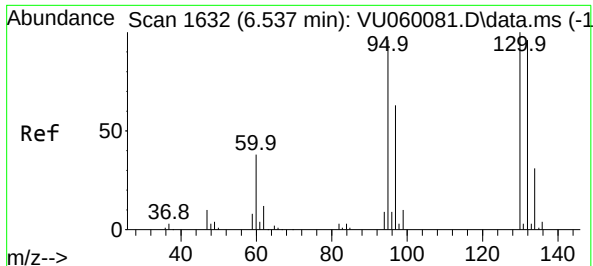
Tgt Ion: 84 Resp: 1859
Ion Ratio Lower Upper
84 100
86 49.0 44.4 82.5
49 84.2 72.0 133.6



#22
cis-1,2-Dichloroethene
Concen: 5.614 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060083.D
Acq: 22 Jul 2024 11:11

Tgt Ion: 96 Resp: 56686
Ion Ratio Lower Upper
96 100
61 113.8 80.2 148.9
98 64.0 44.7 83.1



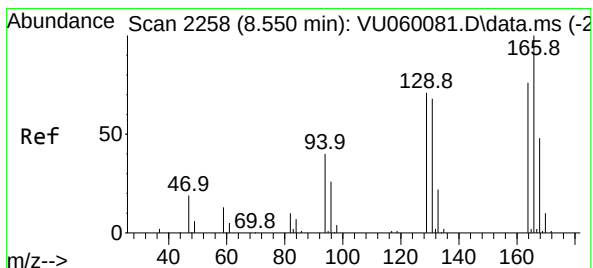
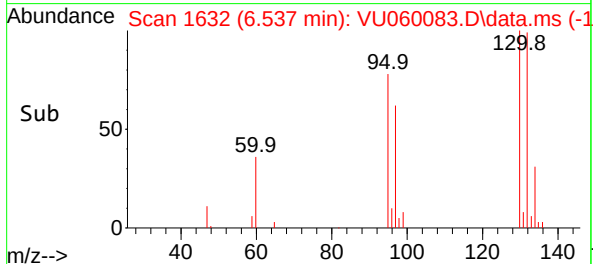
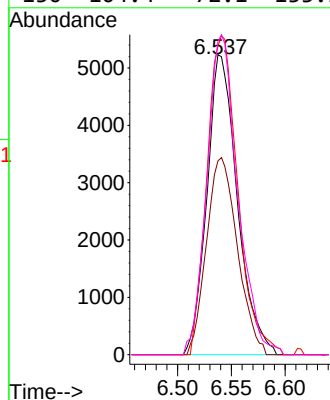
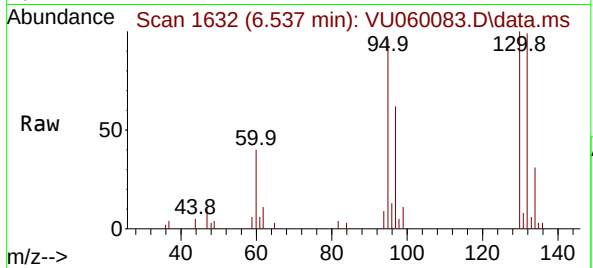


#34
Trichloroethene
Concen: 0.960 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060083.D
Acq: 22 Jul 2024 11:11

Instrument :
MSVOA_U
ClientSampleId :
BHAX4

Tgt Ion: 95 Resp: 10290

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.9	85.3
132	102.9	71.4	132.6
130	104.4	72.1	133.9



#47
Tetrachloroethene
Concen: 9.258 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060083.D
Acq: 22 Jul 2024 11:11

Tgt Ion: 164 Resp: 82024

Ion	Ratio	Lower	Upper
164	100		
129	92.5	64.6	120.0
131	89.6	61.2	113.8
166	129.4	88.6	164.6

