

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081424\
 Data File : VU060449.D
 Acq On : 14 Aug 2024 13:26
 Operator : MD/SY
 Sample : P3501-06DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BW3DL

Quant Time: Aug 14 17:16:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

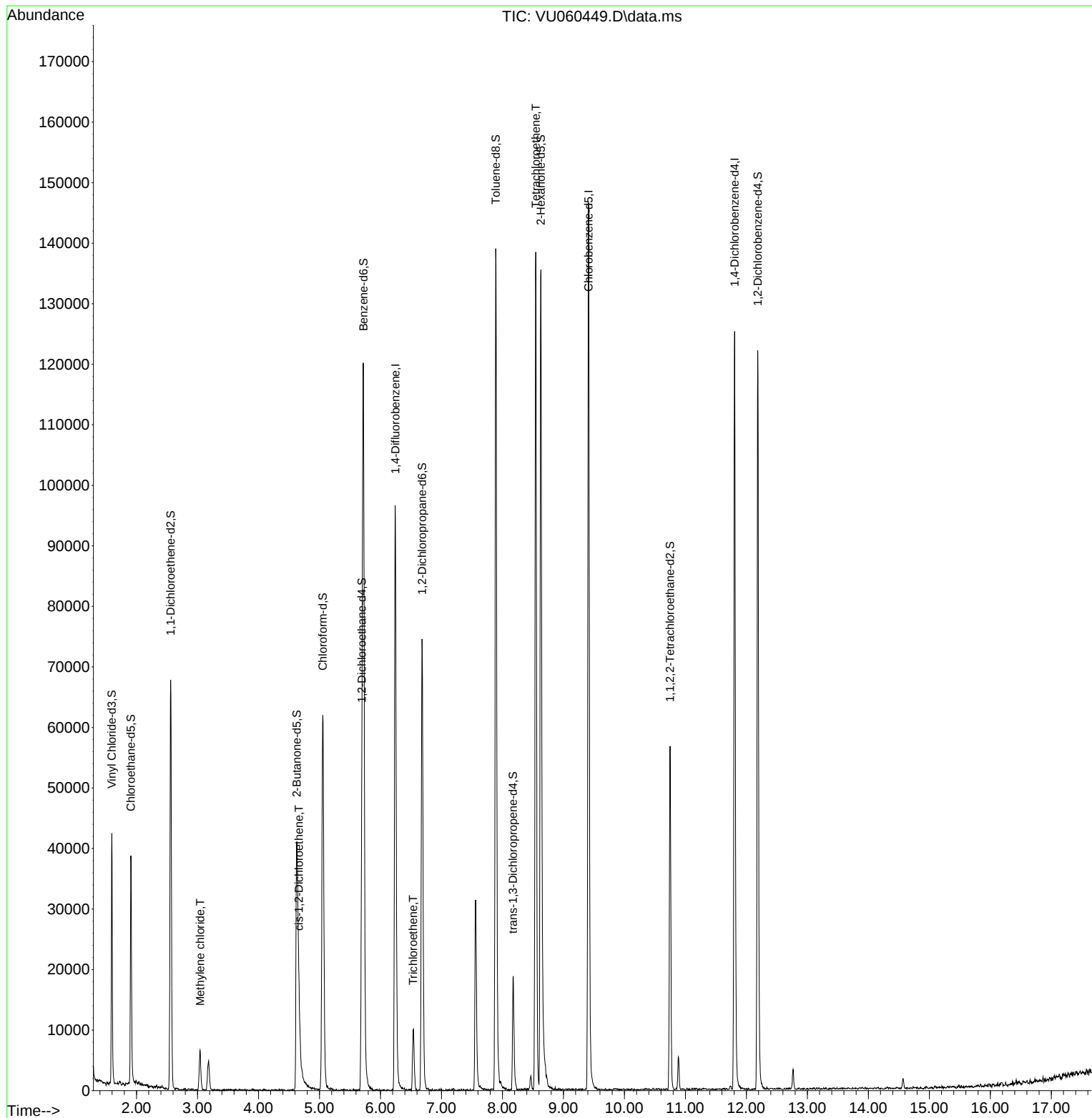
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	83405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	89216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29023	4.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.907	69	27371	4.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.560	65	13212	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.628	46	63757	45.888	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.780%
24) Chloroform-d	5.055	84	62706	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	32052	5.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.721	84	118073	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	38876	4.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	100717	4.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	12537	4.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.631	63	49950	41.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	30565	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	35657	5.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	3620	0.463	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	2755	0.423	ug/L	94
34) Trichloroethene	6.537	95	3718	0.553	ug/L	94
47) Tetrachloroethene	8.547	164	32688	6.215	ug/L	97

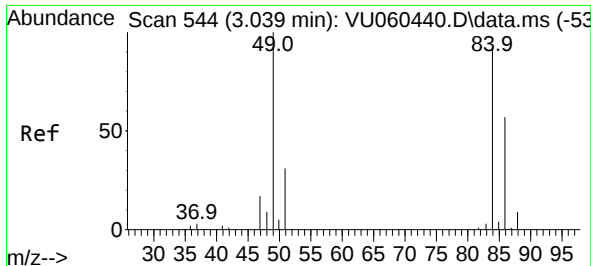
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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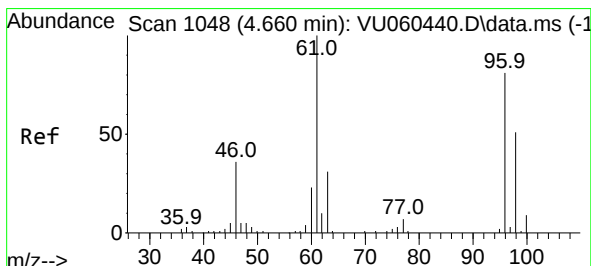
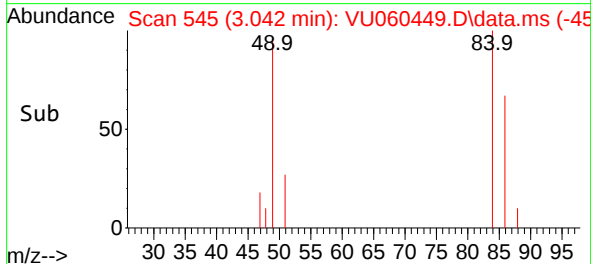
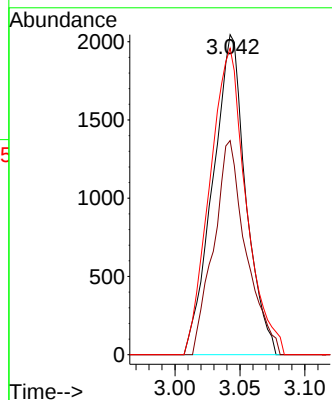
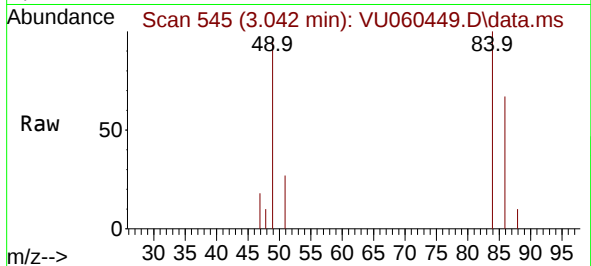




#16
Methylene chloride
Concen: 0.463 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060449.D
Acq: 14 Aug 2024 13:26

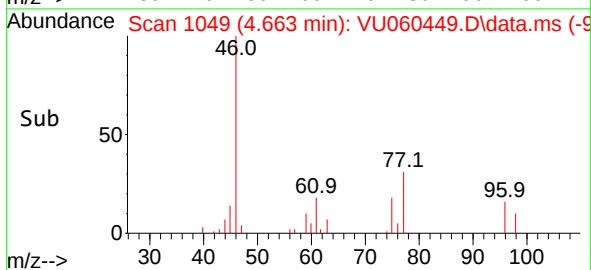
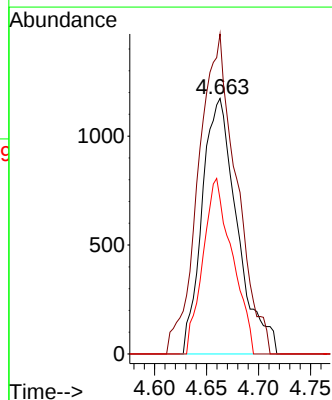
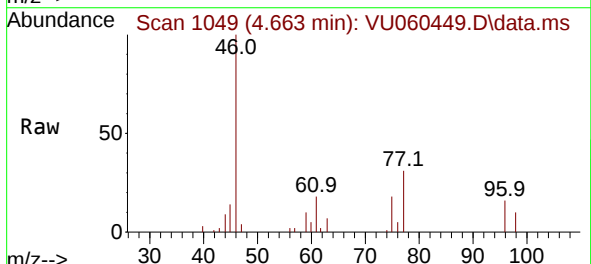
Instrument :
MSVOA_U
ClientSampleId :
C0BW3DL

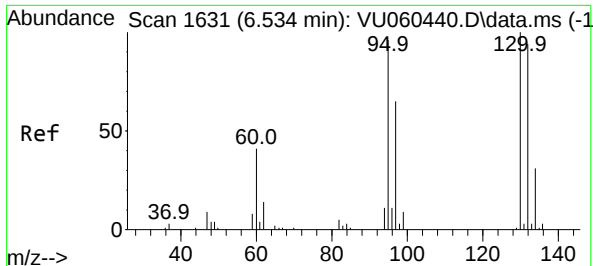
Tgt Ion: 84 Resp: 3620
Ion Ratio Lower Upper
84 100
86 66.9 47.1 87.5
49 95.7 73.9 137.3



#22
cis-1,2-Dichloroethene
Concen: 0.423 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU060449.D
Acq: 14 Aug 2024 13:26

Tgt Ion: 96 Resp: 2755
Ion Ratio Lower Upper
96 100
61 125.2 81.5 151.5
98 60.5 43.5 80.7

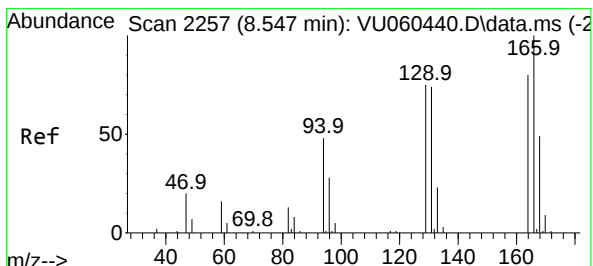
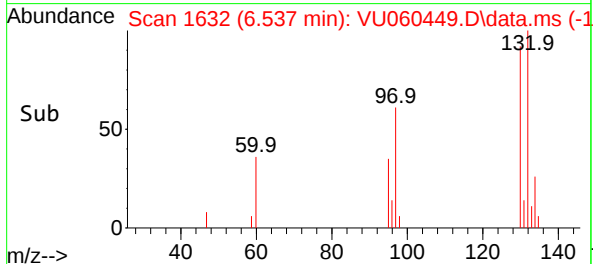
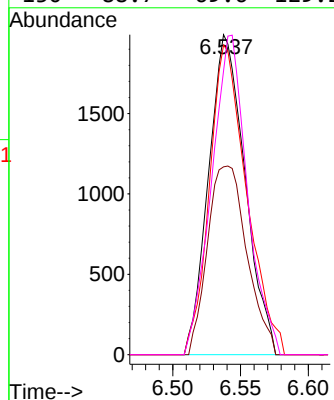
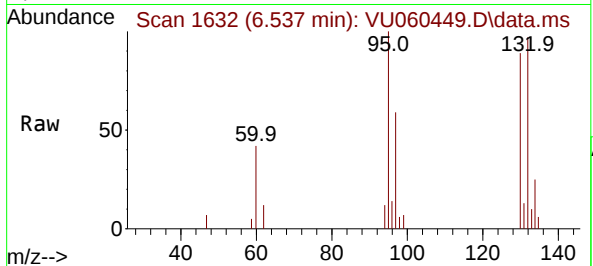




#34
Trichloroethene
Concen: 0.553 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060449.D
Acq: 14 Aug 2024 13:26

Instrument :
MSVOA_U
ClientSampleId :
C0BW3DL

Tgt Ion: 95 Resp: 3718
Ion Ratio Lower Upper
95 100
97 58.7 43.6 81.0
132 96.7 67.1 124.5
130 88.7 69.6 129.2



#47
Tetrachloroethene
Concen: 6.215 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060449.D
Acq: 14 Aug 2024 13:26

Tgt Ion:164 Resp: 32688
Ion Ratio Lower Upper
164 100
129 93.5 69.0 128.1
131 92.5 62.6 116.3
166 129.8 89.2 165.8

